

Precipitación Total Mensual (mm) - Registro Histórico

Estación **Langa**

Codigo

AÑO	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
1964	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1965	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1966	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1967	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1968	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1969	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1970	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1971	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1972	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1973	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1974	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1975	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1976	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1977	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1978	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1979	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1980	NA	2.00	49.30	4.50	0.00	0.00	0.00	0.00	0.00	16.60	0.00	0.00
1981	91.10	169.60	411.80	0.00	0.00	0.00	0.00	0.00	19.70	0.00	0.00	38.50
1982	115.00	105.80	43.00	0.00	0.00	0.00	0.00	3.20	NA	NA	NA	NA
1983	19.70	113.40	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.20
1984	33.80	86.00	118.00	32.10	0.00	0.00	0.00	0.00	0.00	72.90	0.00	12.60
1985	59.20	82.10	104.00	9.90	0.00	0.00	0.00	0.00	0.00	10.00	15.00	9.60
1986	67.00	61.00	94.20	39.00	0.00	0.00	0.00	2.30	0.00	1.50	8.20	74.40
1987	133.20	49.70	11.00	NA	0.00	0.00	0.00	0.00	0.00	0.00	3.00	2.50
1988	10.50	40.00	19.70	5.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.60
1989	131.20	134.80	129.20	39.70	0.00	0.00	0.00	0.00	0.00	15.10	0.00	0.00
1990	0.00	0.00	24.00	1.50	NA	0.00	0.00	0.00	0.00	5.60	27.00	25.70
1991	20.30	42.70	33.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	8.20	7.30	10.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA
1993	72.10	97.00	149.10	9.30	0.00	0.00	0.00	0.00	0.00	1.30	22.90	22.30
1994	106.40	79.30	56.30	18.10	1.60	0.00	0.00	0.00	7.30	0.00	3.10	18.80
1995	44.80	42.00	46.60	11.00	0.00	0.00	0.00	0.00	5.00	1.40	25.90	14.10
1996	53.30	63.30	63.90	4.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.30
1997	40.30	82.40	18.20	0.40	0.00	0.00	0.00	0.50	4.00	0.90	10.90	74.00
1998	132.40	111.10	120.30	13.20	0.00	0.00	0.00	0.00	0.00	0.20	1.50	28.00
1999	NA	223.70	70.00	60.30	8.70	0.00	0.00	0.00	2.10	11.00	3.50	22.70
2000	81.50	105.80	41.30	18.50	0.00	0.00	0.00	0.00	1.50	0.00	0.00	41.50
2001	121.40	83.20	148.70	40.50	0.00	0.00	0.00	0.00	0.00	0.90	42.70	0.00
2002	11.40	71.70	87.00	26.20	1.10	0.00	0.00	0.00	3.70	8.60	32.00	5.40
2003	26.30	44.80	55.50	8.10	0.00	0.00	0.00	0.00	0.00	0.70	0.70	92.40
2004	9.20	98.90	38.10	23.50	0.00	0.00	0.00	0.00	1.20	0.00	3.00	21.50
2005	37.00	33.50	39.70	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	41.90
2006	62.40	85.60	82.50	19.70	0.00	0.00	0.00	0.00	0.30	1.70	14.50	70.60
2007	27.50	33.60	68.50	41.90	0.00	0.00	0.00	0.00	0.00	6.60	2.90	6.90
2008	110.90	152.70	121.00	5.20	0.00	0.00	0.00	0.30	0.00	0.30	11.00	9.00
2009	82.20	135.20	110.90	40.80	0.00	0.00	0.00	0.00	0.00	16.70	13.10	23.20
2010	10.20	75.00	57.90	13.60	0.00	0.00	0.00	0.00	0.40	1.10	4.40	35.10
2011	83.80	37.50	48.30	36.10	0.00	0.00	1.50	0.00	0.00	0.00	12.90	20.80
2012	19.60	101.50	105.10	32.30	0.00	0.00	0.00	0.00	0.00	12.30	2.60	NA
2013	8.40	73.80	88.40	0.70	1.60	0.00	0.00	0.00	0.50	1.50	6.00	17.60

Precipitación Total Mensual (mm) - Registro Histórico

Estación **Santiago de Tuna**

Codigo

AÑO	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
1964	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1965	NA	NA	103.90	22.00	1.70	0.00	0.30	0.00	0.30	9.60	0.20	0.50
1966	29.60	19.60	110.80	3.30	5.30	0.00	0.00	0.00	0.00	23.20	0.10	5.10
1967	135.80	320.40	121.20	6.50	1.00	0.00	0.80	0.00	0.00	9.90	3.40	15.30
1968	0.10	11.60	23.90	14.30	6.20	0.20	0.00	0.00	0.10	1.30	2.10	5.30
1969	11.90	105.20	101.40	7.70	0.00	0.00	0.00	0.00	0.00	7.30	9.50	27.60
1970	185.50	86.20	20.40	11.80	0.00	0.00	0.00	0.00	21.20	5.00	9.70	7.90
1971	33.90	87.10	130.30	3.30	0.00	0.00	0.00	0.00	0.00	0.20	0.00	27.80
1972	38.70	118.10	304.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	14.20
1973	78.50	33.20	162.30	9.30	0.00	0.00	0.00	0.00	5.50	2.30	4.90	8.20
1974	19.00	130.90	121.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.80	24.00
1975	10.00	53.00	105.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.30
1976	65.20	149.70	39.60	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80
1977	34.50	209.50	109.20	17.70	0.00	0.00	0.00	0.00	0.00	0.00	9.80	40.10
1978	19.10	25.80	93.80	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.80	4.20
1979	2.50	11.50	155.80	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20
1980	29.40	37.80	42.00	13.30	0.00	0.00	0.00	0.00	0.00	3.50	2.10	2.90
1981	37.10	121.70	179.80	4.40	0.40	0.00	0.00	0.00	0.00	0.00	1.70	40.80
1982	37.20	236.10	52.30	22.20	0.00	0.00	0.70	0.90	NA	0.40	27.20	0.00
1983	67.80	75.10	345.00	4.30	5.80	0.00	0.00	0.00	0.00	0.30	18.00	83.90
1984	289.20	291.40	78.90	4.30	0.10	0.00	0.00	0.00	0.00	1.50	46.20	14.50
1985	29.50	52.40	92.70	4.50	6.50	0.00	0.00	0.30	0.00	0.00	19.10	69.70
1986	145.30	186.80	197.70	37.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.30
1987	31.10	21.50	118.70	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.90	85.40
1988	106.60	86.70	25.60	16.10	4.80	0.00	0.00	0.00	0.00	5.50	0.00	66.50
1989	206.40	235.00	202.10	44.30	0.00	0.00	0.00	0.00	0.00	14.00	0.00	5.40
1990	15.80	5.90	42.10	0.50	0.00	0.00	0.00	0.00	0.00	2.10	10.00	142.90
1991	64.90	7.20	169.70	4.80	0.50	0.00	0.00	0.00	0.00	3.10	32.30	0.60
1992	6.40	3.80	7.80	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.00	3.30
1993	13.10	219.30	111.30	19.60	1.70	0.00	0.00	0.00	0.00	0.00	0.30	41.90
1994	84.00	88.00	62.40	6.10	1.20	0.00	0.00	0.00	0.00	0.00	10.70	37.30
1995	41.60	32.50	63.20	10.40	0.00	0.00	0.00	0.00	0.00	1.90	40.10	23.00
1996	70.90	92.50	63.10	23.50	7.60	0.00	0.00	0.00	0.00	0.00	2.40	8.50
1997	40.80	41.40	21.30	10.10	0.00	0.00	0.00	1.50	9.20	10.60	21.20	62.10
1998	68.40	135.70	135.40	8.20	0.80	0.00	0.00	0.00	0.00	0.00	1.50	106.30
1999	46.80	113.50	50.00	33.00	6.20	0.00	0.00	0.00	0.60	13.20	10.00	27.00
2000	74.50	132.00	83.90	20.60	0.00	0.00	0.00	0.00	1.40	5.70	6.20	29.70
2001	80.70	86.60	102.50	46.20	0.00	0.00	0.00	0.00	0.00	0.60	26.20	1.30
2002	13.50	124.80	68.30	47.00	6.80	0.00	0.00	0.00	0.00	12.70	25.30	15.70
2003	24.30	31.30	54.90	0.00	0.00	0.00	2.90	0.00	0.00	2.20	1.00	80.80
2004	9.50	91.10	31.30	29.20	0.00	0.00	0.00	0.00	1.90	0.40	2.00	31.40
2005	29.00	54.00	NA	4.30	0.00	0.00	0.00	0.00	0.00	NA	0.00	42.30
2006	65.70	96.60	77.30	60.60	0.60	0.00	0.00	0.00	NA	0.80	0.00	38.60
2007	22.40	53.30	107.80	52.20	0.00	0.00	0.00	0.00	0.00	1.20	4.50	18.40
2008	62.90	142.90	158.70	68.60	0.00	0.00	0.00	NA	NA	NA	NA	NA
2009	106.20	134.40	145.90	44.10	0.40	0.00	0.00	0.00	0.00	9.90	10.40	11.90
2010	15.80	27.10	29.50	13.10	0.00	0.00	0.00	0.00	1.00	0.00	5.10	22.90
2011	66.90	54.10	55.50	22.90	0.00	0.00	3.20	0.00	0.00	0.00	10.30	9.20
2012	38.70	99.10	81.40	29.80	2.80	0.00	0.00	0.00	1.50	11.60	3.60	15.70
2013	12.50	108.20	62.70	1.70	4.20	0.00	0.00	0.00	0.00	0.00	4.10	1.50

Precipitación Total Mensual (mm) - Registro Histórico

Estación **San Lazaro de Escornarca**

Codigo

AÑO	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
1964	44.60	101.80	88.90	26.50	3.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00
1965	0.00	117.00	110.80	40.00	0.00	0.00	0.00	0.00	3.60	0.00	9.00	25.10
1966	70.90	36.80	84.70	30.60	2.70	0.00	0.00	0.00	4.80	66.00	2.40	26.80
1967	119.20	261.70	155.10	17.30	5.00	0.00	0.00	0.00	0.00	0.00	0.00	6.70
1968	91.10	11.50	75.20	34.20	6.20	0.00	0.00	0.00	0.00	6.00	14.40	19.60
1969	34.10	100.70	185.30	37.00	0.00	10.00	17.50	0.00	3.80	16.00	65.80	131.60
1970	223.30	33.20	84.90	86.80	28.90	0.00	0.00	69.20	60.60	4.80	65.00	149.10
1971	50.90	95.50	188.30	20.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.70
1972	88.20	109.70	268.00	73.00	0.00	0.00	3.90	0.00	0.00	20.30	39.10	157.30
1973	168.90	77.90	264.90	100.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.70
1974	55.80	96.60	94.60	35.50	0.00	2.90	0.00	0.00	0.00	0.00	5.00	8.40
1975	73.50	70.70	131.20	20.00	4.50	0.00	0.00	0.00	0.00	0.00	6.10	67.90
1976	99.80	100.70	89.00	6.70	0.00	0.00	0.00	0.00	0.00	0.00	2.10	8.10
1977	67.20	141.60	95.10	15.50	0.00	0.00	0.00	0.00	0.00	NA	11.30	45.50
1978	43.50	31.00	98.10	45.40	0.00	0.00	0.00	0.00	0.00	7.50	0.00	11.30
1979	8.50	52.70	207.20	6.80	0.00	0.00	0.00	0.00	0.00	3.00	1.50	0.00
1980	94.30	8.60	116.50	0.00	0.00	0.00	0.00	0.00	0.00	10.80	7.30	8.00
1981	18.50	202.20	164.90	146.10	0.00	0.00	0.00	0.00	0.00	0.00	13.60	202.40
1982	44.80	122.00	33.80	42.70	0.00	0.00	0.00	0.00	0.00	31.80	59.50	13.70
1983	68.00	78.90	120.90	96.50	30.90	0.00	0.00	0.00	0.00	0.00	0.00	120.40
1984	75.20	195.50	115.60	33.10	10.30	0.00	0.00	0.00	0.00	77.90	49.90	59.40
1985	0.00	159.00	97.10	24.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.40
1986	155.50	141.20	83.80	52.10	12.40	0.00	0.00	0.00	0.00	0.00	0.00	68.90
1987	166.10	63.20	48.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.10
1988	68.80	108.40	95.10	76.90	8.70	0.00	0.00	0.00	0.00	0.00	96.20	49.50
1989	112.10	147.10	166.90	37.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	97.30	49.20	110.20	43.90	0.00	0.00	0.00	0.00	0.00	19.10	114.00	111.70
1991	147.20	97.20	56.80	41.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	13.30	34.10	54.80	21.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	58.90	69.20	126.40	78.50	0.00	0.00	0.00	0.00	0.00	15.30	27.70	34.70
1994	177.70	211.60	181.20	69.30	25.00	0.00	0.00	0.00	19.20	0.00	14.60	45.60
1995	67.70	26.80	55.80	23.50	5.00	0.00	0.00	0.00	0.00	10.50	76.30	103.10
1996	154.60	176.50	112.00	55.00	1.50	0.00	0.00	1.00	0.20	14.20	11.40	73.00
1997	157.60	241.10	23.00	13.00	2.00	0.00	0.00	0.30	9.00	22.00	17.00	123.20
1998	121.40	72.10	120.10	24.40	0.00	0.30	0.00	0.00	0.90	2.50	7.20	54.00
1999	57.50	207.90	115.20	91.50	35.00	0.00	2.40	8.30	11.40	30.80	22.10	98.80
2000	76.10	101.30	71.00	25.30	6.50	0.00	0.00	0.40	13.30	44.90	34.30	99.60
2001	142.70	101.20	186.50	51.20	0.50	0.00	0.00	0.00	3.60	8.40	49.00	0.00
2002	45.60	103.50	96.60	80.70	3.40	0.00	2.30	0.50	13.80	24.90	91.30	19.50
2003	100.10	58.10	126.30	36.90	3.60	0.00	0.00	0.00	0.00	9.80	3.00	191.50
2004	27.00	90.40	87.80	71.20	0.00	1.00	0.00	0.00	13.40	7.10	9.10	66.80
2005	57.80	85.10	91.80	71.60	0.00	0.00	0.00	0.00	0.00	0.00	4.10	161.60
2006	260.90	533.50	180.80	24.80	0.00	0.00	0.00	0.00	0.00	17.10	36.50	121.10
2007	119.70	30.90	261.80	63.60	0.00	0.00	0.00	0.00	0.00	26.90	8.60	3.50
2008	91.70	NA	127.80	7.80	0.00	0.00	0.00	0.00	0.00	9.20	23.30	15.70
2009	111.00	109.30	98.60	52.70	4.10	0.00	0.00	0.70	0.00	40.70	26.40	20.80
2010	49.70	101.70	127.20	50.40	0.60	0.00	0.00	0.00	12.60	3.10	12.50	74.60
2011	119.80	55.30	96.80	76.40	3.20	0.00	0.00	0.00	1.40	4.90	23.00	37.10
2012	26.40	120.60	173.40	58.00	0.00	0.00	0.00	0.00	6.10	41.70	21.00	47.20
2013	42.00	162.10	227.20	26.70	5.10	0.00	0.00	0.70	0.00	13.10	9.60	41.50

CUENCA DEL RIO LURIN

Precipitación Total Mensual (mm) - Registro Histórico Completado

Estación **Manchay Bajo**

Codigo 630

AÑO	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic	TOTAL
1964	0.00	0.00	0.00	0.10	0.00	0.10	0.00	0.00	0.00	0.70	1.80	0.60	3.30
1965	0.00	0.00	0.00	0.00	1.60	0.70	0.00	5.60	6.50	2.30	0.50	2.20	19.40
1966	0.10	0.00	0.00	0.00	0.00	0.60	2.00	2.10	2.20	1.80	2.70	1.20	12.70
1967	0.30	2.40	0.50	0.00	0.00	0.60	2.80	1.30	4.40	0.40	0.10	4.40	17.20
1968	0.00	0.00	0.00	0.00	0.00	0.00	0.40	1.70	3.30	5.10	0.10	0.00	10.60
1969	2.20	0.10	0.60	0.50	5.70	6.30	2.70	4.50	4.40	1.60	4.00	2.40	35.00
1970	19.80	1.70	0.00	0.00	0.20	2.90	6.50	1.10	2.80	0.20	0.90	0.00	36.10
1971	1.20	0.00	1.40	0.00	0.50	7.40	3.20	19.00	5.20	2.60	1.00	0.00	41.50
1972	0.00	0.30	1.70	1.40	0.60	0.90	7.50	11.90	13.40	4.70	7.90	4.00	54.30
1973	28.10	1.20	0.30	0.00	0.00	1.00	1.00	0.30	1.00	0.00	1.10	1.40	35.40
1974	0.00	1.60	0.00	1.80	0.60	7.80	3.60	6.60	2.70	0.50	0.00	5.90	31.10
1975	0.30	0.00	0.30	0.00	2.00	2.70	1.80	3.90	2.10	0.40	0.00	0.00	13.50
1976	0.30	1.70	0.00	0.00	2.50	3.90	0.50	0.00	26.00	8.40	0.20	1.10	44.60
1977	1.60	0.00	0.00	0.00	1.00	1.90	10.10	1.00	5.10	1.20	2.00	0.00	23.90
1978	0.00	0.00	1.50	0.00	1.00	0.60	1.20	1.20	0.60	0.00	1.70	0.00	7.80
1979	0.00	1.00	1.00	0.00	0.00	2.00	2.10	4.60	1.10	1.10	0.00	1.20	14.10
1980	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	3.60	0.30	0.00	0.00	5.40
1981	0.10	0.10	0.10	0.00	0.00	0.00	0.10	0.30	0.00	0.00	0.00	0.00	0.70
1982	0.10	2.80	0.60	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.10	0.00	3.70
1983	1.80	10.30	3.60	0.00	0.00	0.00	0.20	0.00	0.10	0.00	0.00	0.00	16.00
1984	0.00	4.30	0.10	0.00	0.00	0.10	0.00	0.10	0.00	0.10	0.30	0.10	5.10
1985	0.00	0.10	0.10	0.00	0.00	0.00	0.20	0.00	0.10	0.10	0.00	0.30	0.90
1986	0.10	0.00	1.20	0.00	0.00	0.00	0.10	2.10	0.00	0.10	0.00	1.20	4.80
1987	11.90	4.70	13.50	0.40	0.00	0.00	0.00	0.10	0.10	0.10	0.00	0.00	30.80
1988	0.00	14.00	0.00	0.00	0.00	0.00	0.00	2.80	0.00	0.00	0.00	19.80	36.60
1989	1.50	29.60	2.70	0.00	0.00	0.20	2.30	0.00	0.20	0.10	0.00	0.00	36.60
1990	4.90	0.00	0.80	0.00	0.20	0.20	0.00	0.00	0.00	0.00	0.30	5.10	11.50
1991	0.10	2.00	3.20	0.10	0.20	0.00	0.00	0.00	0.00	0.20	0.00	0.10	5.90
1992	0.00	6.70	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.10
1993	0.10	1.70	23.60	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	25.60
1994	9.20	0.40	3.50	0.20	2.20	0.00	0.10	0.00	1.10	0.00	0.10	1.90	18.70
1995	4.00	0.10	2.00	1.90	1.60	0.00	0.00	0.00	1.30	1.40	1.80	0.00	14.10
1996	0.30	6.50	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	8.30
1997	6.70	7.10	1.40	0.00	0.00	0.00	0.00	0.10	0.00	0.80	2.70	4.30	23.10
1998	9.40	8.70	7.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	26.10
1999	0.40	16.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.30	17.40
2000	208.50	24.80	11.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	245.10
2001	22.20	128.00	19.90	5.00	0.00	0.00	0.00	0.00	0.00	0.00	5.60	0.00	180.70
2002	4.90	344.60	11.40	0.30	0.10	0.00	0.00	0.00	0.40	0.00	0.20	0.30	362.20
2003	4.70	11.60	8.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.90	45.50
2004	0.00	10.90	8.50	4.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.30	30.00
2005	5.10	6.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.90	16.30
2006	21.00	23.50	16.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.20	14.10	75.80
2007	8.70	10.80	13.70	12.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	46.20
2008	19.50	25.20	20.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	66.00
2009	21.20	39.30	29.00	7.00	0.00	0.00	0.00	0.00	0.00	0.40	0.30	0.20	97.40
2010	0.80	5.10	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	15.80
2011	15.50	14.00	4.80	4.40	0.00	0.00	0.00	0.00	0.00	0.00	6.40	17.20	62.30
2012	1.20	185.00	91.70	20.40	0.00	0.00	0.00	0.00	0.00	6.00	2.80	42.30	349.40
2013	0.00	137.70	12.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.90	157.90
2014	0.00	0.00	0.00	0.00	1.60	0.70	0.00	5.60	6.50	2.30	0.50	2.20	19.40
2015	0.10	0.00	0.00	0.00	0.00	0.60	2.00	2.10	2.20	1.80	2.70	1.20	12.70
2016	0.30	2.40	0.50	0.00	0.00	0.60	2.80	1.30	4.40	0.40	0.10	4.40	17.20
2017	0.00	0.00	0.00	0.00	0.00	0.00	0.40	1.70	3.30	5.10	0.10	0.00	10.60

Precipitación Total Mensual (mm) - Registro Histórico Completado

Estación **Santiago de Tuna**Codigo **155224**

AÑO	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic	TOTAL
1964	23.90	61.90	62.00	34.90	1.90	0.00	0.00	0.00	0.00	0.90	0.90	8.00	194.40
1965	18.10	108.50	103.90	22.00	1.70	0.00	0.30	0.00	0.30	9.60	0.20	0.50	265.10
1966	29.60	19.60	110.80	3.30	5.30	0.00	0.00	0.00	0.00	23.20	0.10	5.10	197.00
1967	135.80	320.40	121.20	6.50	1.00	0.00	0.80	0.00	0.00	9.90	3.40	15.30	614.30
1968	0.10	11.60	23.90	14.30	6.20	0.20	0.00	0.00	0.10	1.30	2.10	5.30	65.10
1969	11.90	105.20	101.40	7.70	0.00	0.00	0.00	0.00	0.00	7.30	9.50	27.60	270.60
1970	185.50	86.20	20.40	11.80	0.00	0.00	0.00	0.00	21.20	5.00	9.70	7.90	347.70
1971	33.90	87.10	130.30	3.30	0.00	0.00	0.00	0.00	0.00	0.20	0.00	27.80	282.60
1972	38.70	118.10	304.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	14.20	477.00
1973	78.50	33.20	162.30	9.30	0.00	0.00	0.00	0.00	5.50	2.30	4.90	8.20	304.20
1974	19.00	130.90	121.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.80	24.00	298.00
1975	10.00	53.00	105.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.30	227.50
1976	65.20	149.70	39.60	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80	259.30
1977	34.50	209.50	109.20	17.70	0.00	0.00	0.00	0.00	0.00	0.00	9.80	40.10	420.80
1978	19.10	25.80	93.80	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.80	4.20	146.70
1979	2.50	11.50	155.80	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	174.60
1980	29.40	37.80	42.00	13.30	0.00	0.00	0.00	0.00	0.00	3.50	2.10	2.90	131.00
1981	37.10	121.70	179.80	4.40	0.40	0.00	0.00	0.00	0.00	0.00	1.70	40.80	385.90
1982	37.20	236.10	52.30	22.20	0.00	0.00	0.70	0.90	0.00	0.40	27.20	0.00	377.00
1983	67.80	75.10	345.00	4.30	5.80	0.00	0.00	0.00	0.00	0.30	18.00	83.90	600.20
1984	289.20	291.40	78.90	4.30	0.10	0.00	0.00	0.00	0.00	1.50	46.20	14.50	726.10
1985	29.50	52.40	92.70	4.50	6.50	0.00	0.00	0.30	0.00	0.00	19.10	69.70	274.70
1986	145.30	186.80	197.70	37.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.30	632.00
1987	31.10	21.50	118.70	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.90	85.40	258.30
1988	106.60	86.70	25.60	16.10	4.80	0.00	0.00	0.00	0.00	5.50	0.00	66.50	311.80
1989	206.40	235.00	202.10	44.30	0.00	0.00	0.00	0.00	0.00	14.00	0.00	5.40	707.20
1990	15.80	5.90	42.10	0.50	0.00	0.00	0.00	0.00	0.00	2.10	10.00	142.90	219.30
1991	64.90	7.20	169.70	4.80	0.50	0.00	0.00	0.00	0.00	3.10	32.30	0.60	283.10
1992	6.40	3.80	7.80	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.00	3.30	22.10
1993	13.10	219.30	111.30	19.60	1.70	0.00	0.00	0.00	0.00	0.00	0.30	41.90	407.20
1994	84.00	88.00	62.40	6.10	1.20	0.00	0.00	0.00	0.00	0.00	10.70	37.30	289.70
1995	41.60	32.50	63.20	10.40	0.00	0.00	0.00	0.00	0.00	1.90	40.10	23.00	212.70
1996	70.90	92.50	63.10	23.50	7.60	0.00	0.00	0.00	0.00	0.00	2.40	8.50	268.50
1997	40.80	41.40	21.30	10.10	0.00	0.00	0.00	1.50	9.20	10.60	21.20	62.10	218.20
1998	68.40	135.70	135.40	8.20	0.80	0.00	0.00	0.00	0.00	0.00	1.50	106.30	456.30
1999	46.80	113.50	50.00	33.00	6.20	0.00	0.00	0.00	0.60	13.20	10.00	27.00	300.30
2000	74.50	132.00	83.90	20.60	0.00	0.00	0.00	0.00	1.40	5.70	6.20	29.70	354.00
2001	80.70	86.60	102.50	46.20	0.00	0.00	0.00	0.00	0.00	0.60	26.20	1.30	344.10
2002	13.50	124.80	68.30	47.00	6.80	0.00	0.00	0.00	0.00	12.70	25.30	15.70	314.10
2003	24.30	31.30	54.90	0.00	0.00	0.00	2.90	0.00	0.00	2.20	1.00	80.80	197.40
2004	9.50	91.10	31.30	29.20	0.00	0.00	0.00	0.00	1.90	0.40	2.00	31.40	196.80
2005	29.00	54.00	53.40	4.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.30	183.00
2006	65.70	96.60	77.30	60.60	0.60	0.00	0.00	0.00	0.00	0.80	0.00	38.60	340.20
2007	22.40	53.30	107.80	52.20	0.00	0.00	0.00	0.00	0.00	1.20	4.50	18.40	259.80
2008	62.90	142.90	158.70	68.60	0.00	0.00	0.00	0.00	0.00	0.90	12.10	17.10	463.20
2009	106.20	134.40	145.90	44.10	0.40	0.00	0.00	0.00	0.00	9.90	10.40	11.90	463.20
2010	15.80	27.10	29.50	13.10	0.00	0.00	0.00	0.00	1.00	0.00	5.10	22.90	114.50
2011	66.90	54.10	55.50	22.90	0.00	0.00	3.20	0.00	0.00	0.00	10.30	9.20	222.10
2012	38.70	99.10	81.40	29.80	2.80	0.00	0.00	0.00	1.50	11.60	3.60	15.70	284.20
2013	12.50	108.20	62.70	1.70	4.20	0.00	0.00	0.00	0.00	0.00	4.10	1.50	194.90
2014	18.10	108.50	103.90	22.00	1.70	0.00	0.30	0.00	0.30	9.60	0.20	0.50	265.10
2015	29.60	19.60	110.80	3.30	5.30	0.00	0.00	0.00	0.00	23.20	0.10	5.10	197.00
2016	135.80	320.40	121.20	6.50	1.00	0.00	0.80	0.00	0.00	9.90	3.40	15.30	614.30
2017	0.10	11.60	23.90	14.30	6.20	0.20	0.00	0.00	0.10	1.30	2.10	5.30	65.10

Precipitación Total Mensual (mm) - Registro Histórico Completado

Estación **San Lázaro de Escarmarca**

Codigo 156102

AÑO	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic	TOTAL
1964	44.60	101.80	88.90	26.50	3.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	265.10
1965	0.00	117.00	110.80	40.00	0.00	0.00	0.00	0.00	3.60	0.00	9.00	25.10	305.50
1966	70.90	36.80	84.70	30.60	2.70	0.00	0.00	0.00	4.80	66.00	2.40	26.80	325.70
1967	119.20	261.70	155.10	17.30	5.00	0.00	0.00	0.00	0.00	0.00	0.00	6.70	565.00
1968	91.10	11.50	75.20	34.20	6.20	0.00	0.00	0.00	0.00	6.00	14.40	19.60	258.20
1969	34.10	100.70	185.30	37.00	0.00	10.00	17.50	0.00	3.80	16.00	65.80	131.60	601.80
1970	223.30	33.20	84.90	86.80	28.90	0.00	0.00	69.20	60.60	4.80	65.00	149.10	805.80
1971	50.90	95.50	188.30	20.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.70	403.80
1972	88.20	109.70	268.00	73.00	0.00	0.00	3.90	0.00	0.00	20.30	39.10	157.30	759.50
1973	168.90	77.90	264.90	100.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.70	662.80
1974	55.80	96.60	94.60	35.50	0.00	2.90	0.00	0.00	0.00	0.00	5.00	8.40	298.80
1975	73.50	70.70	131.20	20.00	4.50	0.00	0.00	0.00	0.00	0.00	6.10	67.90	373.90
1976	99.80	100.70	89.00	6.70	0.00	0.00	0.00	0.00	0.00	0.00	2.10	8.10	306.40
1977	67.20	141.60	95.10	15.50	0.00	0.00	0.00	0.00	0.00	0.10	11.30	45.50	376.30
1978	43.50	31.00	98.10	45.40	0.00	0.00	0.00	0.00	0.00	7.50	0.00	11.30	236.80
1979	8.50	52.70	207.20	6.80	0.00	0.00	0.00	0.00	0.00	3.00	1.50	0.00	279.70
1980	94.30	8.60	116.50	0.00	0.00	0.00	0.00	0.00	0.00	10.80	7.30	8.00	245.50
1981	18.50	202.20	164.90	146.10	0.00	0.00	0.00	0.00	0.00	0.00	13.60	202.40	747.70
1982	44.80	122.00	33.80	42.70	0.00	0.00	0.00	0.00	0.00	31.80	59.50	13.70	348.30
1983	68.00	78.90	120.90	96.50	30.90	0.00	0.00	0.00	0.00	0.00	0.00	120.40	515.60
1984	75.20	195.50	115.60	33.10	10.30	0.00	0.00	0.00	0.00	77.90	49.90	59.40	616.90
1985	0.00	159.00	97.10	24.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.40	336.10
1986	155.50	141.20	83.80	52.10	12.40	0.00	0.00	0.00	0.00	0.00	0.00	68.90	513.90
1987	166.10	63.20	48.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.10	296.10
1988	68.80	108.40	95.10	76.90	8.70	0.00	0.00	0.00	0.00	0.00	96.20	49.50	503.60
1989	112.10	147.10	166.90	37.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	463.60
1990	97.30	49.20	110.20	43.90	0.00	0.00	0.00	0.00	0.00	19.10	114.00	111.70	545.40
1991	147.20	97.20	56.80	41.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	342.40
1992	13.30	34.10	54.80	21.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	123.50
1993	58.90	69.20	126.40	78.50	0.00	0.00	0.00	0.00	0.00	15.30	27.70	34.70	410.70
1994	177.70	211.60	181.20	69.30	25.00	0.00	0.00	0.00	19.20	0.00	14.60	45.60	744.20
1995	67.70	26.80	55.80	23.50	5.00	0.00	0.00	0.00	0.00	10.50	76.30	103.10	368.70
1996	154.60	176.50	112.00	55.00	1.50	0.00	0.00	1.00	0.20	14.20	11.40	73.00	599.40
1997	157.60	241.10	23.00	13.00	2.00	0.00	0.00	0.30	9.00	22.00	17.00	123.20	608.20
1998	121.40	72.10	120.10	24.40	0.00	0.30	0.00	0.00	0.90	2.50	7.20	54.00	402.90
1999	57.50	207.90	115.20	91.50	35.00	0.00	2.40	8.30	11.40	30.80	22.10	98.80	680.90
2000	76.10	101.30	71.00	25.30	6.50	0.00	0.00	0.40	13.30	44.90	34.30	99.60	472.70
2001	142.70	101.20	186.50	51.20	0.50	0.00	0.00	0.00	3.60	8.40	49.00	0.00	543.10
2002	45.60	103.50	96.60	80.70	3.40	0.00	2.30	0.50	13.80	24.90	91.30	19.50	482.10
2003	100.10	58.10	126.30	36.90	3.60	0.00	0.00	0.00	0.00	9.80	3.00	191.50	529.30
2004	27.00	90.40	87.80	71.20	0.00	1.00	0.00	0.00	13.40	7.10	9.10	66.80	373.80
2005	57.80	85.10	91.80	71.60	0.00	0.00	0.00	0.00	0.00	0.00	4.10	161.60	472.00
2006	260.90	533.50	180.80	24.80	0.00	0.00	0.00	0.00	0.00	17.10	36.50	121.10	1174.70
2007	119.70	30.90	261.80	63.60	0.00	0.00	0.00	0.00	0.00	26.90	8.60	3.50	515.00
2008	91.70	216.00	127.80	7.80	0.00	0.00	0.00	0.00	0.00	9.20	23.30	15.70	491.50
2009	111.00	109.30	98.60	52.70	4.10	0.00	0.00	0.70	0.00	40.70	26.40	20.80	464.30
2010	49.70	101.70	127.20	50.40	0.60	0.00	0.00	0.00	12.60	3.10	12.50	74.60	432.40
2011	119.80	55.30	96.80	76.40	3.20	0.00	0.00	0.00	1.40	4.90	23.00	37.10	417.90
2012	26.40	120.60	173.40	58.00	0.00	0.00	0.00	0.00	6.10	41.70	21.00	47.20	494.40
2013	42.00	162.10	227.20	26.70	5.10	0.00	0.00	0.70	0.00	13.10	9.60	41.50	528.00
2014	0.00	117.00	110.80	40.00	0.00	0.00	0.00	0.00	3.60	0.00	9.00	25.10	305.50
2015	70.90	36.80	84.70	30.60	2.70	0.00	0.00	0.00	4.80	66.00	2.40	26.80	325.70
2016	119.20	261.70	155.10	17.30	5.00	0.00	0.00	0.00	0.00	0.00	0.00	6.70	565.00
2017	91.10	11.50	75.20	34.20	6.20	0.00	0.00	0.00	0.00	6.00	14.40	19.60	258.20

Anexo VI: Recarga del Acuífero

Precipitación Total Mensual (mm) - Registro Histórico Completado

Estación **Chalilla**
Codigo **155119**

AÑO	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic	TOTAL
1964	29.90	74.00	79.40	41.50	1.20	0.00	0.00	0.00	0.00	1.80	1.20	16.60	245.60
1965	24.30	125.20	84.80	7.80	0.20	0.00	0.00	0.00	3.10	1.10	1.00	13.80	261.30
1966	55.90	36.40	80.10	16.40	2.10	0.00	0.00	0.00	0.10	43.80	1.50	20.50	256.80
1967	109.80	216.00	127.20	14.20	5.40	0.00	0.10	0.00	0.40	8.20	2.90	10.10	494.30
1968	24.20	17.50	40.80	16.40	8.80	0.00	0.00	0.00	0.00	4.40	8.10	6.60	126.80
1969	17.90	65.90	96.40	31.20	0.00	0.00	0.00	0.00	0.00	25.00	17.50	71.00	324.90
1970	142.80	18.40	74.70	3.10	4.90	0.00	0.00	16.70	5.80	2.00	16.30	82.60	367.30
1971	81.00	134.00	182.40	42.30	3.10	0.00	0.00	2.70	0.00	7.20	6.80	48.70	508.20
1972	133.20	101.20	255.60	46.20	0.00	0.00	0.00	0.00	0.90	26.00	53.10	108.90	725.10
1973	135.90	73.90	183.00	23.20	4.00	0.00	0.00	1.30	11.60	19.70	7.50	73.00	533.10
1974	94.60	148.70	128.10	17.00	0.00	0.00	0.00	0.00	0.00	0.00	28.80	11.90	429.10
1975	55.70	82.40	208.90	13.10	0.80	0.40	0.00	0.00	0.50	1.10	17.20	40.40	420.50
1976	20.20	160.30	76.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.30	307.20
1977	10.90	129.60	23.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.10	1.30	216.20
1978	95.90	7.60	17.00	34.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.60	196.80
1979	62.70	61.00	164.30	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	14.70	302.90
1980	6.40	65.90	37.90	0.00	0.00	0.00	0.00	0.00	8.10	0.00	18.30	14.20	150.80
1981	91.60	43.70	135.50	22.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	293.30
1982	172.20	117.10	128.90	0.00	0.00	0.00	0.00	0.00	0.00	32.50	4.80	0.00	455.50
1983	1.10	16.50	146.90	7.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.10	174.50
1984	49.70	179.10	234.80	113.60	1.00	0.10	0.00	0.00	0.00	32.40	19.60	14.40	644.70
1985	31.70	69.90	94.20	7.70	1.30	0.20	0.00	0.10	1.10	2.80	19.10	41.20	269.30
1986	122.10	109.10	101.60	54.60	2.00	0.10	0.20	2.10	0.10	1.70	3.70	58.00	455.30
1987	87.00	44.00	38.40	1.40	0.00	0.00	0.10	0.50	0.10	0.00	5.30	29.50	206.30
1988	54.20	73.90	40.30	24.00	1.60	0.00	0.00	0.10	0.30	0.30	0.10	54.70	249.50
1989	132.70	123.40	124.80	22.40	0.00	0.00	0.00	0.00	0.10	5.70	0.00	0.10	409.20
1990	15.00	3.50	11.60	2.70	2.20	0.00	0.00	0.00	0.00	5.60	32.80	62.90	136.30
1991	22.70	36.70	102.50	2.50	0.10	0.00	0.00	0.00	0.10	4.70	4.30	2.50	176.10
1992	12.70	12.90	28.20	3.60	0.00	0.00	0.00	0.00	0.00	4.70	1.20	10.50	73.80
1993	65.70	142.30	154.40	27.70	0.40	0.00	0.00	0.00	0.20	4.70	20.10	61.30	476.80
1994	87.30	103.90	66.80	22.90	2.70	0.10	0.00	0.10	2.30	0.50	13.40	39.30	339.30
1995	44.40	43.20	61.70	24.80	0.00	0.00	0.00	0.00	2.10	5.70	34.90	30.70	247.50
1996	60.50	85.10	68.30	20.50	0.70	0.00	0.00	0.00	0.10	0.30	2.30	9.60	247.40
1997	48.30	72.60	16.00	4.60	0.10	0.00	0.00	0.50	4.80	8.40	18.40	67.70	241.40
1998	99.90	118.90	120.80	15.50	0.00	0.00	0.00	0.30	1.20	1.00	2.50	42.90	403.00
1999	71.90	168.80	65.60	40.50	5.40	0.00	0.00	0.00	4.00	17.80	17.90	41.60	433.50
2000	91.60	118.00	88.40	18.00	1.30	0.00	0.00	0.10	1.30	8.80	1.70	58.50	387.70
2001	120.80	85.70	133.60	30.10	0.10	0.00	0.00	0.00	0.10	3.10	44.20	3.60	421.30
2002	25.00	91.40	81.60	38.50	6.30	0.00	0.00	0.00	2.40	24.50	33.50	28.50	331.70
2003	44.10	54.80	85.20	8.00	0.00	0.00	0.10	0.00	0.00	2.70	1.50	91.90	288.30
2004	14.20	91.00	48.60	39.20	0.20	0.70	0.00	0.00	2.10	4.40	14.30	60.70	275.40
2005	52.60	42.90	62.20	3.50	0.00	0.00	0.00	0.00	0.10	0.10	0.20	55.30	216.90
2006	99.70	86.00	116.30	41.70	0.00	0.00	0.00	0.10	0.40	4.50	11.40	69.90	430.00
2007	54.30	68.20	115.20	40.00	0.10	0.00	0.00	0.00	0.30	5.30	3.20	25.80	312.40
2008	100.40	129.20	104.60	21.10	0.00	0.00	0.00	0.00	0.00	2.50	15.50	33.30	406.60
2009	101.10	130.50	122.90	40.70	0.50	0.00	0.00	0.10	0.10	20.50	31.30	33.80	481.50
2010	34.60	63.20	64.80	19.50	0.00	0.10	0.00	0.00	0.50	3.30	10.60	52.70	249.30
2011	85.30	65.20	68.10	45.90	0.00	0.00	0.80	0.00	0.30	0.10	20.60	37.30	323.60
2012	35.30	107.60	94.80	52.00	0.50	0.00	0.00	0.00	2.90	21.80	13.60	34.20	362.70
2013	25.90	96.70	91.20	9.30	6.60	0.00	0.00	0.40	0.80	4.00	11.40	24.30	270.60
2014	24.30	125.20	84.80	7.80	0.20	0.00	0.00	0.00	3.10	1.10	1.00	13.80	261.30
2015	55.90	36.40	80.10	16.40	2.10	0.00	0.00	0.00	0.10	43.80	1.50	20.50	256.80
2016	109.80	216.00	127.20	14.20	5.40	0.00	0.10	0.00	0.40	8.20	2.90	10.10	494.30
2017	24.20	17.50	40.80	16.40	8.80	0.00	0.00	0.00	0.00	4.40	8.10	6.60	126.80

Precipitación espacial de cuenca de Lurín (mm/año)

Fecha	NoValores	Med.Aritm.	Thiessen	1/Distancia^2	Kriging
7/01/1964	29	267.5	145.8	188.3	141.5
7/01/1965	29	327	166.6	214.7	157.4
7/01/1966	29	357.5	157	222.7	153.4
7/01/1967	29	505.8	354.7	397.6	337.6
7/01/1968	29	191.4	75.6	117.6	80.2
7/01/1969	29	352.6	222.6	273.7	226.8
7/01/1970	29	406.1	257	314	261.9
7/01/1971	29	392.7	245.2	291.3	228.1
7/01/1972	29	500.7	320.7	383.4	318.2
7/01/1973	29	511.8	281.3	360.4	273.4
7/01/1974	29	343.4	224.6	258.5	207.1
7/01/1975	29	372.7	202.6	256.9	192.3
7/01/1976	29	323	188.8	229.6	179.6
7/01/1977	29	348.8	212.6	250.8	202
7/01/1978	29	210.8	109.2	141.1	105
7/01/1979	29	253	150.2	182.5	140.8
7/01/1980	29	265.5	96.1	145.8	94.5
7/01/1981	29	435.4	271.1	332.6	278.4
7/01/1982	29	352.6	244.3	266.8	228.5
7/01/1983	29	324.9	186.5	243.4	192.6
7/01/1984	29	530.3	335	406.2	319.5
7/01/1985	29	319.4	184.1	227.4	176.7
7/01/1986	29	409.5	265.7	319.3	256.8
7/01/1987	29	244.9	108.1	160.6	108
7/01/1988	29	320.9	199.5	245.6	201
7/01/1989	29	395.7	367.9	365.7	351.7
7/01/1990	29	241.8	136.1	179.1	145.7
7/01/1991	29	229.7	152.6	180.5	150.4
7/01/1992	29	143.8	39.7	81.6	40.5
7/01/1993	29	451.3	290.7	353	273.3
7/01/1994	29	429.1	234.6	308.3	238.9
7/01/1995	29	298.8	166.2	211.3	162.7
7/01/1996	29	339.6	188.4	247.1	193.8
7/01/1997	29	336.1	179.9	240.6	186.1
7/01/1998	29	467.3	296.7	359.2	281.4
7/01/1999	29	497.3	285.8	376.5	284.8
7/01/2000	29	489.3	246.1	331.1	237.5
7/01/2001	29	480.8	284.3	356	277.5
7/01/2002	29	373.3	223.8	278.1	220.8
7/01/2003	29	367.7	190	260.6	192.7
7/01/2004	29	329.9	168.2	233.1	166.7
7/01/2005	29	277.9	146.3	203.4	150.4
7/01/2006	29	493	304.5	399.7	315.7
7/01/2007	29	385.1	200	275.6	200.7
7/01/2008	29	416	314.7	350.1	305.8
7/01/2009	29	541.9	336.8	403.1	322.5
7/01/2010	29	336.4	144.9	218.2	149.2
7/01/2011	29	407	202.7	275.9	200.3
7/01/2012	29	452	241	315.7	235.9
7/01/2013	29	369.2	175.2	252.6	178
Promedio	231.6		214.4	269.7	210.5