

PLUVIOMETRIA DE CHILE

ANEXO 1

HOYA HIDROGRÁFICA N° 308
Río Maipo

OCTUBRE 1971

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CORFO

ESTADÍSTICAS PLUVIOMÉTRICAS

Anexo 1.

El presente Anexo contiene las estadísticas pluviométricas mensuales y anuales de un total de ochocientas cincuenta estaciones, cuyo catastro e índice se incluye entre las páginas 1 a 40 del Tomo 1 de esta publicación.

Las estaciones en este Anexo, se presentan ordenadas de acuerdo al número secuencial de identificación de cada estación por división hidrográfica. Las divisiones hidrográficas, a su vez, se encuentran ordenadas en el orden secuencial de su nomenclatura.

Esta Publicación consta de un Tomo y dos Anexos.-

El autor expresa su reconocimiento al Ingeniero Sr. Octavio Castillo Urrutia,
que contribuyó valiosamente a la realización de esta publicación

Los antecedentes pluviométricos con
tenidos en esta publicación fueron proporcionados por
ENDESA, Oficina Meteorológica y Dirección de Aguas del
Ministerio de Obras Públicas y Transporte.

ZONA 4

PRECIPITACIONES (MM)
HOYA 308 MAIPO
EST 1 MONTENEGRO
LAT 3258 LCN 7052 ALT 754 (MTS)

SUP 14911 (KM2)

ANG	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1941	-1.0	-1.0	-1.0	-1.0	-1.0	134.0	185.0	238.0	0.0	2.0	13.0	0.0	-1.0
1942	0.0	0.0	0.0	0.0	22.0	92.0	123.0	141.0	12.0	12.0	28.0	0.0	430.0
1943	0.0	0.0	14.0	6.0	37.0	21.0	22.0	51.0	12.0	17.0	0.0	0.0	180.0
1944	7.0	19.3	0.0	10.0	39.2	230.5	30.9	241.3	0.0	33.1	0.0	0.0	611.3
1945	0.0	76.8	0.0	20.8	2.7	0.0	20.4	60.5	39.0	0.0	0.0	0.0	220.2
1946	0.0	0.0	0.0	13.3	7.9	40.8	35.2	56.4	4.2	0.0	0.0	0.0	157.8
1947	0.0	0.0	0.0	0.0	28.9	120.8	48.4	52.7	3.2	18.9	0.0	0.0	272.9
1948	0.0	0.0	1.8	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MIN	0.0	0.0	0.0	0.0	2.7	0.0	20.4	51.0	0.0	0.0	0.0	0.0	157.8
MAX	7.0	76.8	14.0	20.8	39.2	230.5	185.0	241.3	39.0	33.1	28.0	0.0	611.3
PRGM	1.0	13.7	2.3	8.3	22.9	91.3	66.4	120.1	10.1	11.9	5.9	0.0	312.0
DESV	2.6	28.7	5.2	8.1	15.1	79.5	63.1	87.5	13.7	12.3	10.9	0.0	175.9
CV	2.6	2.1	2.3	1.0	0.7	0.9	1.0	0.7	1.4	1.0	1.9	-1.0	0.6

419.

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

 ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 2 RUNGUE
 LAT 3302 LON 7054 ALT 710 (MTS)

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1943	-1.0	-1.0	-1.0	-1.0	62.0	106.0	23.0	229.0	0.0	30.0	0.0	0.0	-1.0
1944	0.0	0.0	-1.0	0.0	54.5	214.5	20.0	190.0	0.0	20.0	0.0	0.0	-1.0
1945	0.0	77.0	0.0	16.0	6.0	0.0	63.0	34.0	64.0	0.0	0.0	0.0	260.0
1946	0.0	0.0	0.0	10.0	10.0	53.0	18.0	58.0	-1.0	0.0	0.0	0.0	-1.0
1947	0.0	0.0	0.0	0.0	31.0	119.0	46.5	39.0	0.0	-1.0	0.0	0.0	-1.0
1948	-1.0	-1.0	0.0	47.0	99.0	52.0	217.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1949	0.0	0.0	2.0	0.0	112.0	-1.0	-1.0	-1.0	-1.0	0.0	-1.0	-1.0	-1.0
1957	-1.0	-1.0	-1.0	-1.0	283.5	8.0	48.0	0.0	0.0	0.0	0.0	0.0	-1.0
1958	0.0	0.0	0.0	0.0	115.0	48.0	102.0	48.0	5.0	0.0	0.0	0.0	-1.0
1959	0.0	0.0	8.0	29.0	41.0	147.0	96.0	77.0	3.0	0.0	0.0	0.0	327.0
1960	0.0	0.0	0.0	0.0	21.0	160.0	47.0	30.0	0.0	0.0	0.0	0.0	401.0
1961	0.0	0.0	6.0	-1.0	25.0	-1.0	24.0	95.0	12.0	12.0	0.0	0.0	258.0
1962	0.0	0.0	0.0	0.0	18.0	281.0	12.0	7.0	4.5	8.0	0.0	0.0	-1.0
1963	0.0	0.0	2.0	0.0	53.0	54.0	206.0	155.0	105.0	2.0	6.0	0.0	330.5
1964	0.0	0.0	0.0	0.0	0.0	58.0	43.0	63.0	0.0	-1.0	-1.0	-1.0	583.0
1965	-1.0	-1.0	-1.0	6.6	19.5	9.0	109.0	218.5	0.0	3.0	0.0	0.0	-1.0
1966	0.0	0.0	0.0	15.0	3.0	95.0	88.0	10.0	0.0	0.0	11.0	16.0	-1.0
1967	0.0	0.0	0.0	4.5	13.0	38.5	57.5	11.5	46.5	0.0	0.0	0.0	238.0
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
MIN	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	171.5
MAX	0.0	77.0	8.0	47.0	283.5	281.0	217.0	229.0	105.0	30.0	11.0	16.0	583.0
PROM	0.0	5.5	1.3	8.5	53.8	90.2	71.8	79.1	16.0	5.0	1.7	1.5	321.1
DESV	0.0	20.6	2.6	13.6	67.9	78.4	60.7	76.9	31.2	9.0	3.7	4.3	126.5
CV	-1.0	3.7	2.0	1.6	1.3	0.9	0.8	1.0	2.0	1.8	2.1	2.9	0.4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

NCTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4

HOYA 308 MAIPO

SUP 14911 (KM2)

421.

EST 3 TIL TIL

LAT 3306 LON 7056 ALT 578 (MTS)

ANO ENE FEB MAR ABR MAY JUN JUL AG SEP OCT NOV DIC TOT

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1912	0.0	0.0	0.0	2.0	99.0	155.0	0.0	50.0	0.0	0.0	0.0	0.0	315.0
1913	0.0	0.0	0.0	0.0	65.0	0.0	144.0	2.0	0.0	0.0	0.0	0.0	211.0
1914	0.0	0.0	0.0	0.0	79.0	265.0	160.0	62.0	136.0	77.0	9.0	0.0	188.0
1915	0.0	0.0	0.0	25.0	153.0	67.0	6.0	2.0	-1.0	-1.0	-1.0	-1.0	-1.0
1916	0.0	0.0	0.0	13.0	21.0	2.0	88.0	18.8	1.0	4.0	4.0	1.0	0.0
1917	0.0	0.0	0.0	0.0	24.0	148.0	13.0	2.0	43.0	0.0	0.0	0.0	0.0
1918	0.0	0.0	0.0	28.0	0.0	37.0	28.0	-1.0	-1.0	0.0	10.0	0.0	-1.0
1941	0.0	0.0	5.0	72.0	114.0	114.0	171.0	210.0	0.0	2.0	9.0	0.0	697.0
1942	0.0	0.0	0.0	0.0	31.0	93.0	109.0	120.0	6.0	19.0	26.0	0.0	404.0
1943	0.0	0.0	18.0	5.0	25.0	25.0	19.0	39.0	5.0	16.0	0.0	0.0	152.0
1944	2.0	13.0	0.0	9.0	56.3	180.2	28.8	234.5	2.2	19.0	0.0	0.0	545.0
1945	0.0	98.5	0.0	13.0	6.5	0.0	18.5	68.5	40.6	0.0	0.5	0.0	246.1
1946	0.0	0.0	0.0	11.0	17.0	41.4	26.0	51.5	2.0	7.0	0.0	0.0	155.9
1947	0.0	0.0	0.6	4.0	24.8	131.0	46.0	34.0	9.0	14.0	0.0	0.0	263.4
1948	0.0	0.0	0.0	50.8	117.4	49.0	220.8	4.4	8.2	6.0	0.0	0.0	456.6
1949	0.0	0.0	9.7	0.0	205.5	41.5	25.2	22.0	0.0	0.0	0.0	0.0	303.9
1950	0.0	0.0	0.3	85.0	167.9	30.3	0.0	51.6	42.0	2.7	25.5	0.0	405.3
1951	0.0	0.0	0.0	21.0	59.5	95.0	164.6	9.9	22.5	0.0	3.6	0.0	376.1
1952	0.0	0.0	0.0	0.0	78.5	117.3	66.9	11.2	26.4	14.7	0.0	0.0	315.0
1953	0.0	0.0	0.0	21.6	104.9	27.8	72.1	220.0	88.5	12.0	0.0	0.0	546.9
1954	0.0	0.0	0.0	42.0	74.0	91.4	52.5	12.5	4.0	0.0	0.0	0.0	276.4
1955	0.0	0.0	0.0	13.5	44.8	28.3	22.0	12.5	6.0	26.0	0.0	0.0	153.1
1956	0.0	0.0	17.2	12.0	30.5	6.0	102.3	87.1	6.0	0.0	0.0	0.0	261.1
1957	0.0	0.0	0.0	0.0	243.5	14.0	50.1	23.5	5.5	0.0	0.0	20.0	356.1
1958	0.0	0.0	0.0	0.0	66.0	122.5	40.0	48.7	1.3	0.0	0.0	0.0	278.5
1959	0.0	0.0	0.0	23.0	4.0	90.0	68.0	39.0	2.0	1.0	0.0	0.0	227.0
1960	0.0	0.0	0.0	0.0	10.0	113.0	40.0	31.0	0.0	0.0	0.0	0.0	194.0
1961	0.0	0.0	5.0	0.0	16.0	149.0	26.0	82.0	9.0	15.0	0.0	0.0	302.0
1962	0.0	0.0	0.0	0.0	13.0	214.0	10.0	15.0	5.0	8.0	0.0	0.0	265.0
1963	0.0	0.0	3.0	0.0	47.0	39.0	168.0	146.0	80.0	3.0	3.0	0.0	489.0
1964	0.0	0.0	0.0	5.0	0.0	54.0	-1.0	-1.0	0.0	0.0	0.0	0.0	-1.0
1965	0.0	0.0	0.0	15.0	60.0	32.0	302.0	-1.0	-1.0	0.0	2.0	2.0	-1.0
1966	0.0	0.0	0.0	68.0	0.0	276.0	113.0	37.0	-1.0	1.0	0.0	16.0	-1.0
1967	0.0	0.0	-1.0	1.5	18.0	40.0	186.0	28.0	71.0	0.0	0.0	0.4	-1.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
MAX	2.0	98.5	18.0	85.0	243.5	276.0	302.0	234.5	136.0	77.0	26.0	20.0	697.0
PROM	0.1	3.3	1.8	15.9	61.1	85.0	78.4	57.3	21.0	7.5	2.8	1.2	299.4
DESV	0.3	17.0	4.6	22.6	60.4	72.9	74.1	64.3	32.9	14.5	6.5	4.4	156.3
CV	5.8	5.2	2.6	1.4	1.0	0.9	0.9	1.1	1.6	1.9	2.3	3.7	0.5

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

 ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 7 POLPAICO
 LAT 3310 LON 7053 ALT 522 (MTS)

422.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1923	0.0	0.0	0.0	0.0	4.0	39.5	112.5	58.3	0.0	23.0	5.5	0.0	242.8
1924	0.0	0.0	11.8	0.0	0.0	4.0	11.9	6.9	9.5	12.0	0.0	0.0	56.1
1925	0.0	1.0	0.0	4.0	20.0	5.0	80.0	2.1	101.6	10.5	0.0	0.0	224.2
1926	0.0	0.0	1.8	0.0	21.8	559.4	296.0	31.3	10.3	1.0	0.0	0.0	921.6
1927	0.0	0.0	0.0	0.0	76.9	75.7	135.5	38.5	45.6	3.1	0.0	0.0	375.3
1928	0.0	0.0	0.0	36.2	73.5	192.7	22.0	2.8	10.2	0.4	0.0	0.0	337.8
1929	22.0	0.0	0.0	0.0	23.0	59.0	27.0	185.0	20.0	4.0	0.0	0.0	337.8
1930	0.0	0.0	6.0	19.0	12.0	108.0	166.0	188.0	4.0	95.0	0.0	-1.0	-1.0
1931	6.0	1.0	0.0	7.0	14.0	57.0	142.0	43.0	43.0	0.0	11.0	0.0	601.0
1932	0.0	0.0	0.0	12.0	59.0	76.0	84.0	143.0	16.0	0.0	0.0	11.0	324.0
1933	48.0	8.0	0.0	0.0	39.0	84.0	25.0	87.0	10.0	3.0	0.0	0.0	401.0
1934	0.0	0.0	0.0	0.0	289.0	134.0	12.0	-1.0	10.0	3.0	0.0	0.0	304.0
1935	0.0	0.0	0.0	0.0	27.0	107.0	53.0	24.0	-1.0	-1.0	-1.0	-1.0	-1.0
1936	0.0	0.0	0.0	12.0	148.0	54.0	106.0	71.0	6.0	37.0	0.0	0.0	254.0
1937	0.0	0.0	0.0	0.0	47.0	58.0	112.0	96.0	3.0	0.0	0.0	12.0	406.0
1938	0.0	10.0	23.0	0.0	97.0	31.0	31.0	-1.0	40.0	10.0	0.0	0.0	363.0
1939	3.0	0.0	0.0	0.0	73.0	119.0	25.0	41.0	-1.0	-1.0	-1.0	-1.0	-1.0
1940	0.0	15.0	0.0	11.0	30.0	84.0	174.0	26.0	18.0	18.0	0.0	50.0	347.0
1941	0.0	0.0	5.0	72.0	114.0	133.0	179.0	179.0	15.0	0.0	4.0	0.0	359.0
1942	0.0	0.0	0.0	0.0	35.0	91.0	119.0	120.0	0.0	0.0	14.0	0.0	696.0
1943	0.0	0.0	18.0	5.0	34.0	36.0	26.0	43.0	10.0	25.0	0.0	0.0	412.0
1944	14.0	15.0	0.0	2.0	54.7	195.3	33.9	185.3	5.0	17.0	0.0	0.0	184.0
1945	0.0	65.0	0.0	12.0	4.0	0.0	13.5	62.2	1.5	21.7	0.0	0.0	523.4
1946	0.0	0.0	0.0	14.1	18.0	27.9	28.7	50.2	35.2	0.0	0.0	0.0	191.9
1947	0.0	0.0	3.2	5.2	25.0	122.3	37.1	41.0	0.0	3.0	0.0	0.0	141.9
1948	0.0	4.2	0.0	50.2	84.9	42.0	161.1	5.6	2.3	15.0	0.0	0.0	251.1
1949	0.0	0.0	10.7	0.0	128.7	52.4	24.7	23.2	11.8	1.4	0.0	0.0	361.2
1950	0.0	0.0	0.0	83.1	107.3	6.0	0.0	41.0	0.4	0.0	0.0	0.0	240.1
1951	0.0	0.0	0.0	15.4	69.0	68.0	163.7	10.6	11.9	6.4	23.0	0.0	278.7
1952	0.0	0.0	0.0	0.0	94.0	121.5	47.0	23.5	23.5	0.0	2.5	0.0	352.7
1953	0.0	0.0	0.0	23.4	72.6	26.5	55.8	214.5	27.2	0.0	0.0	0.0	313.2
1954	0.0	0.0	0.0	47.2	79.0	84.9	51.3	14.0	79.8	10.6	0.0	0.0	483.2
1955	0.0	0.0	0.0	14.2	62.4	31.5	23.0	13.6	6.8	1.8	0.0	0.0	285.0
1956	1.5	0.0	32.0	19.3	5.0	94.3	61.3	72.9	4.3	27.3	1.5	0.0	177.8
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	56.1
MAX	48.0	65.0	32.0	83.1	289.0	559.4	296.0	214.5	101.6	95.0	25.0	50.0	921.6
PROM	2.8	3.5	3.3	13.7	60.1	87.6	77.6	67.0	18.1	10.4	2.8	2.4	345.2
DESV	9.2	11.6	7.5	20.9	55.9	96.6	67.7	63.3	23.1	18.1	6.4	5.3	168.8
CV	3.3	3.3	2.3	1.5	0.9	1.1	0.9	0.9	1.3	1.7	2.3	3.9	0.5
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4 HCYA 308 MAIPO SUP 14911 (KM2)
 EST 8 LCS AFRAYANES PRCP CMC TIPO PV
 LAT 2310 LON 7105 ALT 500 (MTS)

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1922	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	160.3	51.3	30.3	0.0	0.0	-1.0
1923	0.0	0.0	0.0	0.0	4.2	240.4	265.9	174.4	3.2	54.6	4.5	0.4	747.6
1924	0.0	0.0	15.7	1.2	1.9	7.2	76.8	17.2	9.5	2.4	0.0	0.0	131.9
1925	0.0	1.8	0.0	12.0	31.5	9.9	153.7	4.7	193.0	10.5	0.6	0.0	417.7
1926	0.0	0.0	8.1	0.0	66.0	110.0	473.6	75.0	13.7	4.1	0.0	0.3	1741.7
1927	0.0	0.0	1.8	0.0	211.6	219.7	281.2	32.6	96.0	1.8	3.2	0.0	847.9
1928	0.0	0.0	0.0	57.2	236.1	362.8	47.9	18.3	26.9	1.8	0.9	0.0	751.9
1929	69.4	0.0	0.0	0.0	86.4	151.8	101.6	347.5	40.3	3.1	0.0	17.5	817.6
1930	0.0	0.0	0.0	67.0	39.0	232.0	390.0	386.0	11.0	123.0	12.0	0.0	1260.0
1931	26.0	0.0	0.0	19.0	27.0	164.0	292.0	118.0	85.0	0.0	6.0	0.0	737.0
1932	0.0	4.6	1.3	19.2	78.9	173.9	197.1	323.3	15.7	0.0	0.0	32.7	837.7
1933	60.0	10.0	0.0	0.0	43.0	259.0	63.0	187.0	20.0	23.0	0.0	0.0	665.0
1934	0.0	0.0	0.0	0.0	468.0	356.0	25.0	11.0	13.0	37.0	0.0	0.0	910.0
1935	0.0	0.0	0.0	0.0	76.0	172.0	64.0	37.0	27.0	58.0	0.0	0.0	434.0
1936	0.0	0.0	0.0	35.0	287.0	104.0	183.0	135.0	27.0	0.0	0.0	12.0	783.0
1937	0.0	0.0	0.0	0.0	67.0	164.0	149.0	127.0	28.0	19.0	11.0	0.0	565.0
1938	0.0	0.0	75.0	0.0	159.0	77.0	66.0	4.0	5.0	29.0	3.0	0.0	418.0
1939	0.0	0.0	0.0	0.0	121.0	174.0	8.0	46.0	44.0	106.0	0.0	59.0	558.0
1940	0.0	-1.0	0.0	0.0	116.0	131.0	226.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1941	0.0	0.0	6.0	117.0	270.0	261.0	434.0	298.0	2.0	9.0	55.0	0.0	1450.0
1942	0.0	0.0	0.0	0.0	53.0	127.0	209.0	236.0	4.0	22.0	48.0	0.0	699.0
1943	0.0	0.0	23.0	8.0	51.0	64.0	33.0	95.0	17.0	12.0	0.0	0.0	303.0
1944	16.0	-1.0	0.0	49.0	98.6	345.4	62.5	321.7	3.5	61.4	0.0	0.0	-1.0
1945	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	24.0	129.0	49.4	9.3	0.0	0.0	-1.0
1946	13.0	0.0	0.0	18.5	22.2	96.9	42.6	73.7	1.5	6.8	0.0	0.0	275.2
1947	0.0	0.0	0.0	5.7	57.0	194.9	97.5	55.0	0.0	32.5	0.0	0.0	442.6
1948	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1949	0.0	0.0	0.0	0.0	311.5	88.0	52.0	24.5	0.0	0.0	0.0	0.0	476.0
1950	0.0	0.0	0.5	42.5	177.0	24.5	0.0	72.1	46.0	8.0	-1.0	0.0	-1.0
1951	0.0	0.0	0.0	30.0	75.0	294.5	264.5	21.5	42.0	0.0	0.0	0.0	727.5
1952	0.0	5.0	0.0	0.0	186.0	203.0	147.2	20.5	31.0	30.8	0.0	0.0	623.5
1953	12.0	0.0	0.0	56.0	141.0	26.0	40.0	307.0	182.0	-1.0	-1.0	-1.0	-1.0
1954	0.0	0.0	0.0	70.0	124.5	-1.0	-1.0	-1.0	0.0	0.0	0.0	0.0	-1.0
1955	0.0	0.0	0.0	51.0	86.0	30.0	19.0	35.0	-1.0	-1.0	-1.0	-1.0	-1.0
MIN	0.0	0.0	0.0	0.0	1.9	7.2	0.0	4.0	0.0	0.0	0.0	0.0	131.9
MAX	69.4	10.0	75.0	117.0	468.0	1100.0	473.6	386.0	193.0	123.0	55.0	59.0	1741.7
PRCM	6.3	0.7	4.2	20.9	121.7	195.1	144.8	125.5	35.1	23.2	5.0	4.1	704.8
DESV	16.8	2.2	14.1	29.4	105.3	198.9	130.1	118.2	47.1	30.8	13.3	12.5	360.9
CV	2.6	3.0	3.3	1.4	0.9	1.0	0.9	0.9	1.3	1.3	2.7	3.1	0.5

423

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCORRIDOS

PRECIPITACIONES (MM)

ZONA 4

HOYA 308 MAIPO

SUP 14911 (KM2)

424.

EST 13 ESMERALDA DE COLINA

LAT 3311 LON 7040 ALT 550 (MYS)

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1938	0.0	7.0	18.0	6.0	79.0	38.0	29.0	0.0	0.0	5.0	-1.0	0.0	-1.0
1939	-1.0	-1.0	-1.0	-1.0	36.0	88.0	8.0	40.0	26.0	34.0	-1.0	56.0	-1.0
1940	0.0	6.0	0.0	22.0	25.0	106.0	99.0	27.0	28.0	8.0	9.0	0.0	330.0
1941	0.0	0.0	4.0	86.0	68.0	98.0	147.0	181.0	4.0	7.0	15.0	0.0	610.0
1942	0.0	0.0	0.0	1.0	39.0	89.0	114.0	94.0	22.0	14.0	25.0	0.0	398.0
1943	0.0	0.0	26.0	22.0	33.0	17.0	34.0	32.0	23.0	24.0	0.0	0.0	211.0
1944	26.0	16.0	0.0	9.0	53.4	144.2	17.5	153.0	0.5	22.7	0.0	0.0	442.3
1945	0.0	70.8	0.0	9.9	0.0	0.0	19.2	50.7	35.3	3.0	0.0	0.0	188.9
1946	0.0	0.0	0.0	8.0	16.4	29.5	37.5	14.1	0.0	7.0	0.0	0.0	112.9
1947	0.0	0.0	0.0	0.0	23.0	88.9	29.6	38.2	0.0	21.0	0.0	0.0	200.7
1948	0.0	0.0	0.0	37.2	74.3	26.2	131.3	3.5	41.4	4.0	0.0	0.0	320.9
1949	0.0	0.0	2.0	0.0	133.1	42.2	21.9	36.4	0.0	0.0	0.0	0.0	235.6
1950	0.0	0.0	1.0	34.9	40.3	11.1	0.0	30.5	33.5	16.7	19.0	0.0	187.0
1951	0.0	0.0	0.0	17.3	77.7	50.3	111.4	16.8	51.9	0.0	0.0	0.0	325.4
1952	0.0	6.6	0.0	0.0	58.5	123.6	38.7	27.3	49.7	22.5	1.0	0.0	327.9
1953	0.0	0.0	0.0	44.7	57.0	36.3	77.8	174.1	88.2	13.6	0.0	0.0	491.7
1954	0.0	0.0	0.0	61.9	68.2	72.1	56.8	13.3	5.4	1.0	0.0	0.0	278.7
1955	0.0	0.0	0.4	14.2	52.8	35.3	26.0	18.3	14.3	46.6	1.3	0.0	209.2
1956	3.0	0.0	35.9	16.0	27.5	8.5	43.5	89.8	7.4	9.2	4.2	4.5	249.5
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112.9
MAX	26.0	70.8	35.9	86.0	133.1	144.2	147.0	181.0	88.2	46.6	25.0	56.0	610.0
PRDM	1.6	5.9	4.8	21.7	50.6	58.1	54.9	54.9	22.7	13.6	4.4	3.2	301.2
DESV	6.1	16.7	10.5	22.5	29.9	42.1	44.6	56.5	23.6	12.4	7.8	12.8	127.2
CV	3.8	2.8	2.2	1.1	0.6	0.7	0.8	1.0	1.0	0.9	1.8	4.0	0.4

NGTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)
 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 15 BATUCO RETEN
 LAT 3315 LON 7049

425.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1928	-1.0	-1.0	-1.0	-1.0	61.0	39.0	26.0	1.0	0.0	2.0	1.0	0.0	-1.0
1939	3.0	0.0	0.0	0.0	52.0	104.0	6.0	36.0	15.0	59.0	0.1	49.0	324.1
1940	0.0	15.0	0.0	9.0	19.0	69.0	127.0	20.0	10.0	2.0	7.0	0.0	278.0
1941	0.0	0.0	4.0	57.0	79.0	104.0	129.0	135.0	1.0	4.0	11.0	0.0	524.0
1942	0.0	0.0	0.0	0.0	27.0	92.0	95.0	98.0	9.0	8.0	18.0	1.0	348.0
1943	0.0	0.0	13.0	6.0	26.0	22.0	16.0	29.0	11.0	18.0	0.0	1.0	142.0
1944	13.0	21.0	0.0	5.0	42.0	138.7	19.6	145.5	3.0	16.6	0.0	0.0	405.0
1945	0.6	66.0	0.0	16.6	8.1	0.0	9.4	66.0	28.8	2.7	0.0	0.0	198.5
1946	0.0	0.0	0.0	6.7	15.4	19.2	33.1	36.4	0.0	5.2	0.0	0.0	116.0
1947	0.0	0.0	1.5	3.5	17.5	89.0	31.1	26.7	0.9	26.0	0.0	0.0	196.6
1948	0.0	0.6	0.4	39.0	89.4	38.1	145.4	6.1	13.1	0.0	0.0	0.0	332.1
1949	0.0	0.0	5.4	0.0	153.9	35.2	18.6	24.3	0.0	0.0	0.0	0.0	237.4
1950	0.0	0.0	1.2	77.1	99.6	5.5	0.0	32.8	17.6	4.4	15.6	0.0	253.8
1951	0.0	0.0	0.0	18.6	40.2	48.7	146.1	7.1	23.5	0.0	0.0	0.0	284.2
1952	0.0	12.5	0.0	0.0	82.1	117.4	47.7	20.4	28.4	5.6	0.0	0.0	314.1
1965	0.0	0.0	0.0	16.2	27.9	12.3	143.5	154.0	0.5	8.1	6.0	12.6	381.1
1966	0.0	0.0	0.0	41.5	5.2	149.1	126.6	20.2	6.3	8.3	21.6	8.6	387.4
1967	0.0	0.0	0.0	4.5	6.5	42.0	55.0	10.0	21.0	-1.0	33.0	-1.0	-1.0
1968	0.0	-1.0	-1.0	0.0	6.0	9.7	0.0	9.9	23.2	0.0	0.3	0.0	-1.0
MIN	0.0	0.0	0.0	0.0	5.2	0.0	0.0	1.0	0.0	0.0	0.0	0.0	116.0
MAX	13.0	66.3	13.0	77.1	153.9	149.1	146.1	154.0	28.8	59.0	33.0	49.0	524.0
PROM	0.9	6.8	1.5	16.7	45.2	59.7	61.8	46.2	11.2	9.4	6.0	4.0	295.1
DESV	3.1	16.6	3.4	22.4	40.1	47.0	56.5	49.3	10.2	14.3	9.6	11.7	105.1
CV	3.4	2.5	2.2	1.3	0.9	0.8	0.9	1.1	0.9	1.5	1.6	2.9	0.4

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4

HOYA 308 MAIPO
EST 19 GUAY GUAY FDO RETEN
LAT 3316 LON 7040

SUP 14911 (KM2)

426.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1947	0.0	0.0	0.0	0.0	25.9	91.0	32.9	52.2	3.0	27.7	0.0	0.0	232.7
1948	0.0	0.0	4.4	37.3	62.1	35.1	157.4	6.7	48.5	6.7	0.0	0.0	358.2
1949	0.0	0.0	4.9	0.0	144.0	69.0	20.0	38.0	3.5	0.0	0.0	0.0	279.4
1950	0.0	0.0	2.3	67.0	79.0	13.0	0.0	33.7	36.3	13.2	26.4	0.0	270.9
1951	0.0	0.0	0.0	20.2	84.9	34.0	100.6	21.0	41.0	0.0	0.0	0.0	301.7
1952	0.0	12.0	0.0	0.0	64.5	119.0	35.0	32.0	52.4	5.0	0.0	0.0	319.9
1953	13.0	0.0	0.0	43.0	109.0	38.0	87.0	170.0	109.0	25.0	0.0	0.0	600.0
1954	0.0	4.0	1.4	60.0	98.0	143.0	88.0	30.0	9.0	0.0	0.0	0.0	433.4
1955	0.0	0.0	1.4	23.0	51.0	41.2	26.0	24.7	4.0	32.0	1.0	0.0	204.3
1956	1.0	0.0	56.5	9.0	33.0	30.0	41.0	81.8	12.5	0.0	5.1	4.5	274.4
1957	0.0	0.0	0.0	0.0	153.7	73.0	77.9	36.0	18.6	0.0	0.0	14.0	373.8
1958	0.0	0.0	4.5	0.0	115.3	96.3	26.2	79.8	17.1	0.0	6.4	0.0	345.6
1959	0.0	0.0	8.8	32.3	51.7	98.3	77.0	60.6	20.2	8.6	0.0	0.0	357.5
1960	0.0	0.0	-1.0	0.0	41.0	-1.0	-1.0	-1.0	-1.0	3.5	0.0	0.0	-1.0
MIN	0.0	0.0	0.0	0.0	25.9	13.0	0.0	6.7	3.0	0.0	0.0	0.0	204.3
MAX	13.0	12.0	56.5	67.0	153.7	143.0	157.4	170.0	109.0	32.0	26.4	14.0	600.0
PROM	1.0	1.1	6.5	20.8	79.5	67.8	59.2	51.3	28.9	8.7	2.8	1.3	334.8
DESV	3.5	3.3	15.3	23.7	40.0	39.6	43.3	41.9	29.5	11.4	7.1	3.8	101.0
CV	3.5	2.9	2.4	1.1	0.5	0.6	0.7	0.8	1.0	1.3	2.6	2.9	0.3

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 20 VALLE HERMOSO FLNDO
 LAT 3317 LON 7038

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1957	0.0	0.0	1.0	0.0	173.1	10.9	20.4	15.8	18.8	1.0	0.0	12.3	267.1
1958	0.0	0.0	0.0	0.0	86.8	65.0	27.3	72.5	5.0	0.0	7.2	0.0	263.8
1959	0.0	0.0	7.8	47.5	47.7	73.9	47.7	50.7	6.7	9.0	0.0	0.0	291.0
1960	0.0	0.0	0.0	0.0	25.3	72.1	62.0	11.9	5.0	2.8	0.0	0.0	179.1
1961	0.0	0.0	13.4	0.0	23.8	70.7	13.4	50.9	24.6	20.5	0.0	0.0	217.3
1962	0.0	0.0	0.0	0.0	17.4	117.2	12.7	27.6	3.5	15.7	0.0	0.0	194.1
1963	0.0	0.0	4.5	2.0	17.9	26.8	120.2	82.9	105.9	19.4	4.8	0.0	384.4
1964	0.0	0.0	0.0	0.0	0.0	69.7	27.1	43.6	0.0	0.0	0.0	0.0	140.4
1965	0.0	0.0	0.0	14.3	27.4	9.6	130.7	131.0	7.0	9.4	0.0	12.3	341.7
1966	0.0	0.0	0.0	27.1	5.5	124.3	75.7	39.9	0.0	5.4	17.5	16.0	311.4
1967	0.0	0.0	0.0	2.2	13.0	43.0	36.0	3.0	33.0	20.0	0.0	0.0	150.2
1968	0.0	0.0	0.0	11.7	0.0	-1.0	4.7	16.0	26.8	0.0	0.0	0.0	-1.0
MIN	0.0	0.0	0.0	0.0	0.0	9.6	4.7	3.0	0.0	0.0	0.0	0.0	140.4
MAX	0.0	0.0	13.4	47.5	173.1	124.3	130.7	131.0	105.9	20.5	17.5	16.0	384.4
PRCM	0.0	0.0	2.2	8.7	36.5	62.1	48.2	45.5	19.7	8.6	2.5	3.4	249.1
DESV	0.0	0.0	4.3	14.8	49.2	37.8	41.7	36.4	29.4	8.3	5.3	6.2	79.7
CV	-1.0	-1.0	1.9	1.7	1.3	0.6	0.9	0.8	1.5	1.0	2.2	1.8	0.3

427.

NCTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
EST 21 LOS RULOS V HERMOSA
LAT 3317 LON 7038

ANO ENE FEB MAR ABR MAY JUN JUL AG SEP OCT NOV DIC TOT

1968 0.0 0.0 0.0 16.5 0.0 -1.0 9.0 24.0 47.5 0.0 0.0 0.0 -1.0

PRECIPITACIONES (MM)

ZONA 4

HOYA 308 MAIPO
EST 23 HUINGANAL FONDO
LAT 3320 LON 7030

SUP 14911 (KM2)

429.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1956	-1.0	-1.0	-1.0	-1.0	30.3	1.6	47.7	102.3	16.7	-1.0	-1.0	-1.0	-1.0
1957	0.0	0.0	0.0	3.2	172.2	25.5	60.6	44.1	54.7	9.5	0.0	42.0	411.8
1958	0.0	0.0	0.0	0.0	105.8	114.8	51.1	102.4	21.1	14.1	15.9	0.0	425.2
1959	0.0	0.0	7.8	45.6	56.0	96.3	51.5	83.7	16.9	29.8	0.0	0.0	387.6
1960	0.0	0.0	0.0	10.8	43.1	134.3	67.9	28.6	18.0	16.3	0.0	0.0	319.0
1961	0.0	0.0	47.7	0.0	29.5	120.0	28.1	94.3	71.6	25.3	0.4	3.0	417.9
1962	0.0	0.0	0.0	0.0	36.8	194.6	22.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1963	0.8	0.0	8.4	2.7	19.2	77.6	132.9	139.1	171.4	56.0	52.2	0.0	660.3
1964	0.0	0.0	6.5	0.0	0.0	82.7	51.1	39.7	0.0	4.0	0.0	0.0	184.0
1965	0.0	0.0	0.0	21.2	27.0	19.8	140.3	221.3	36.2	20.0	0.0	14.7	500.5
1966	0.0	0.0	0.0	27.3	7.2	140.8	89.4	88.3	4.8	14.0	24.0	19.7	415.5
1967	4.5	0.0	0.0	1.5	13.0	58.0	32.0	24.0	44.0	42.0	1.7	0.0	220.7
1968	0.0	-1.0	6.0	13.7	-1.0	-1.0	-1.0	26.6	26.6	3.2	-1.0	0.0	-1.0
MIN	0.0	0.0	0.0	0.0	0.0	1.6	22.0	24.0	0.0	3.2	0.0	0.0	184.0
MAX	4.5	0.0	47.7	45.6	172.2	194.6	140.3	221.3	171.4	56.0	52.2	42.0	660.3
PROM	0.4	0.0	6.4	10.5	45.0	88.8	64.5	82.9	40.2	21.3	9.4	7.2	394.2
DESV	1.3	0.0	13.5	14.4	48.6	56.5	38.2	57.4	46.2	16.2	17.2	13.4	135.1
CV	2.9	-1.0	2.1	1.4	1.1	0.6	0.6	0.7	1.1	0.8	1.8	1.9	0.3

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

 ZONA 4 HOYA 308 MAIPO SUP 14911 (KH2)
 EST 26 PUDAHUEL
 LAT 3323 LON 7048 ALT 475 (MTS)

 AND ENE FEB MAR ABR MAY JUN JUL AG SEP OCT NOV DIC TOT

 1968 0.0 0.0 0.0 5.8 0.0 7.6 2.0 7.4 18.6 0.0 0.0 0.0 41.4

430

PRECIPITACIONES (MM)

ZONA 4

HOYA 308

MAIPO

SUP 14911

(KM2)

431

EST 27

CERRO CALAN

LAT 3323

LON 7032

ALT 860 (MTS)

ANC ENE FEB MAR ABR MAY JUN JUL AG SEP OCT NOV DIC TO?

1964 0.2 0.0 0.6 0.6 0.0 102.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0

1965 0.0 0.0 0.0 17.0 36.0 24.0 69.0 198.0 34.0 4.0 4.0 2.0 388.0

PRECIPITACIONES (MM)

ZONA 4

HOYA 308 MAIPO
EST 29 HUILLER
LAT 3323 LON 7045

SUP 14911 (KM2)

AND ENE FEB MAR ABR MAY JUN JUL AG SEP OCT NOV DIC TOT

1941	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	10.0	19.0	0.0	-1.0
1942	0.0	0.0	0.0	0.0	30.0	100.0	83.0	105.0	18.0	15.0	34.0	1.0	386.0
1943	0.0	0.0	16.0	4.0	30.0	24.0	24.0	26.0	17.0	27.0	0.0	0.0	162.0
1944	10.0	21.0	0.0	12.0	48.7	118.4	19.6	152.3	0.0	35.3	0.0	0.0	417.3
1945	0.0	77.4	0.0	19.3	6.1	0.0	32.2	64.0	24.3	0.0	0.0	0.0	223.3
1946	0.0	0.0	0.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1947	0.0	0.0	0.0	14.0	12.2	-1.0	-1.0	51.0	0.0	14.8	0.0	0.0	-1.0
1948	0.0	0.0	0.0	45.8	88.0	32.4	136.9	7.5	15.3	2.1	0.0	0.0	328.0
1949	0.0	0.0	9.8	0.0	154.6	37.9	18.0	31.5	0.0	0.0	0.0	0.0	251.8
1950	0.0	0.0	0.0	76.5	80.8	9.9	0.0	36.0	33.9	7.6	16.6	0.0	261.3
1951	0.0	0.0	0.0	17.8	87.0	53.7	106.8	8.5	29.5	0.0	0.0	0.0	303.3
1952	0.0	38.2	0.0	0.0	84.1	101.7	44.7	4.3	58.2	1.9	0.0	0.0	333.1
1953	0.0	0.0	0.0	35.5	58.2	27.4	69.8	163.7	95.6	0.0	0.0	0.0	450.2
1954	0.0	0.0	0.0	52.1	55.7	83.2	67.5	13.5	0.0	0.0	0.0	0.0	272.0
1955	0.0	0.0	0.0	11.0	46.4	48.2	23.0	20.4	2.2	20.7	0.0	2.3	174.2
1956	0.0	0.0	5.5	27.4	41.6	5.0	65.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MIN	0.0	0.0	0.0	0.0	6.1	0.0	0.0	4.3	0.0	0.0	0.0	0.0	162.0
MAX	10.0	77.4	16.0	76.5	154.6	118.4	136.9	163.7	95.6	35.3	34.0	2.3	450.2
PROM	0.7	9.1	2.1	22.5	58.8	49.4	53.1	52.6	22.6	9.6	5.0	0.2	296.9
DESV	2.6	21.8	4.8	22.8	38.2	39.5	39.6	54.4	27.9	11.5	10.5	0.7	90.9
CV	3.9	2.4	2.3	1.0	0.7	0.8	0.7	1.0	1.2	1.2	2.1	2.8	0.3

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4

HOYA 308 MAIPO

SUP 14911 (KM2)

433.

EST 31 APOQUINDO

LAT 3325 LON 7032 ALT 782 (MTS)

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 33 CERRO SN CRISTOBAL
 LAT 3325 LON 7038

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1965	0.0	0.0	0.0	13.0	17.0	7.0	74.0	101.0	7.0	8.0	1.0	8.0	240.0
1966	0.0	0.0	0.0	26.0	3.0	73.0	46.0	27.0	1.0	2.0	12.0	2.0	193.0
1967	0.0	0.0	0.0	1.4	29.0	15.0	1.0	9.0	25.0	13.0	0.0	0.0	102.4
1968	0.0	0.0	0.0	0.2	0.0	5.7	5.5	9.5	18.4	0.0	1.0	0.0	40.6

PRECIPITACIONES (MM)

 ZCNA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 34 CURACAVI
 LAT 3325 LON 7103 ALT 167 (MTS)

435.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1934	0.0	0.0	0.3	0.0	216.0	259.0	16.0	3.0	12.0	29.0	7.0	0.0	542.3
1935	0.0	0.0	0.0	0.0	51.0	91.0	46.0	25.0	14.0	24.0	0.0	0.0	251.0
1936	0.0	0.0	0.0	15.0	176.0	47.0	78.0	88.0	14.0	0.0	2.0	15.0	435.0
1937	0.0	0.0	0.0	0.0	47.0	73.0	97.0	60.0	35.0	13.0	10.0	0.0	335.0
1938	0.0	5.0	28.0	0.0	50.0	35.0	28.0	2.0	0.0	4.0	3.0	0.0	155.0
1939	0.0	0.0	0.0	0.0	52.0	106.0	4.0	57.0	17.0	88.0	0.0	24.0	348.0
1940	0.0	21.0	0.0	49.3	48.0	101.0	188.0	12.0	10.0	11.0	9.0	0.0	449.3
1941	0.0	0.0	16.0	45.0	120.0	144.0	235.0	156.0	0.0	0.0	50.0	0.0	766.0
1942	0.0	0.0	0.0	0.0	38.0	81.0	88.0	125.0	19.0	0.0	29.0	0.0	380.0
1943	0.0	0.0	27.0	5.0	29.0	34.0	44.0	48.3	5.0	14.0	0.0	0.0	206.3
1944	2.0	22.0	0.0	8.0	62.0	178.0	28.0	193.0	9.5	26.5	0.0	0.0	529.0
1945	0.0	120.5	0.0	5.6	9.5	0.0	27.0	90.0	26.5	6.5	0.0	0.0	285.6
1946	15.5	0.0	0.0	5.5	26.0	44.5	43.5	27.5	2.5	10.0	0.0	0.0	175.0
1947	0.0	0.0	0.0	4.0	14.0	79.0	47.5	25.5	5.5	26.0	0.0	0.0	201.5
1948	0.0	0.0	0.0	58.5	100.5	30.5	161.5	14.5	9.0	0.0	0.0	0.0	374.5
1949	0.0	0.0	11.0	0.0	297.8	77.5	35.0	28.5	0.0	0.0	0.0	0.0	449.8
1950	0.0	0.0	2.5	112.0	108.5	16.0	0.0	45.0	24.0	4.0	24.5	0.0	336.5
1951	0.0	0.0	0.0	21.5	72.0	136.5	128.5	13.5	34.5	0.0	0.0	0.0	406.5
1952	0.0	0.0	0.0	0.0	107.5	139.0	102.0	20.0	-1.0	-1.0	-1.0	-1.0	-1.0
1953	16.0	0.0	0.0	22.0	129.5	28.5	74.5	23.5	-1.0	-1.0	-1.0	-1.0	-1.0
1964	0.0	0.0	0.0	10.0	0.0	52.0	45.0	112.0	0.0	0.0	0.0	-1.0	-1.0
1965	0.0	0.0	0.0	18.0	49.0	19.0	147.0	217.0	4.0	15.0	4.0	0.5	473.5
1966	0.0	0.0	0.1	55.0	0.0	175.0	76.0	41.0	2.0	3.0	9.0	11.0	327.1
1967	0.0	0.0	0.0	4.0	29.0	36.0	142.0	25.0	30.0	0.0	0.0	0.0	266.0
1968	0.0	0.0	0.0	8.0	0.0	13.0	5.0	16.0	14.0	0.0	0.0	0.0	56.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	56.0
MAX	16.0	120.5	28.0	112.0	297.8	259.0	235.0	217.0	35.0	88.0	50.0	24.0	766.0
PROM	1.3	6.7	3.4	17.9	73.3	79.8	75.5	58.7	12.5	11.9	6.4	2.3	352.2
DESV	4.4	24.4	8.2	26.9	72.0	63.2	61.8	59.4	11.1	19.3	12.3	6.2	155.6
CV	3.3	3.6	2.4	1.5	1.0	0.8	0.8	1.0	0.9	1.6	1.9	2.7	0.4

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4 HCYA 308 MAIPO SLP 14911 (KM2)

EST 35 M C PUBLICAS PRCP DCA TIFC PV

LAT 3326 LON 7039 ALT 600 (MTS)

	ANC	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1960	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	85.0	45.0	15.1	5.0	4.5	0.0	0.0	-1.0
1961	2.0	0.0	16.0	0.0	4.4	95.6	18.5	68.7	41.8	23.0	0.2	7.6	277.8	
1962	0.0	0.0	0.0	0.2	13.7	158.4	17.0	32.2	4.7	12.8	0.0	0.2	240.2	
1963	0.0	0.0	5.1	0.4	22.8	35.0	145.9	58.1	114.1	28.7	6.3	0.0	456.4	
1964	0.0	0.0	0.0	1.3	0.0	102.2	26.6	60.5	0.2	0.2	0.0	2.0	203.1	
1965	0.0	0.0	0.0	34.6	32.6	14.1	121.0	160.2	7.2	17.7	3.3	13.1	413.8	
1966	0.0	0.0	0.0	33.2	7.2	121.5	104.0	46.1	0.8	6.0	18.0	13.0	360.7	
1967	0.0	0.0	0.0	1.3	12.3	37.5	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	
MTN	0.0	0.0	0.0	0.0	0.0	14.1	17.0	15.1	0.3	0.2	0.0	0.0	203.1	
MAX	2.0	0.0	16.0	34.6	32.6	158.4	145.9	160.2	114.1	28.7	18.0	13.1	456.4	
PRGM	0.3	0.0	3.0	10.1	13.3	82.4	71.2	68.8	24.8	13.3	4.0	5.1	325.3	
DESV	0.8	0.0	6.0	16.2	11.2	50.3	54.6	48.2	41.9	10.4	6.6	6.0	100.7	
CV	2.6	-1.0	2.0	1.6	0.8	0.6	0.8	0.7	1.7	0.8	1.7	1.2	0.3	

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCORRIDOS

PRECIPITACIONES (MM)

 ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 38 TQBALABA
 LAT 3327 LON 7034

437.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1946	0.0	0.0	0.0	10.2	12.8	21.4	46.0	20.4	0.0	18.5	0.0	0.0	129.3
1947	0.0	0.0	0.0	1.0	30.0	108.5	34.7	57.2	2.9	26.1	0.0	0.0	260.4
1948	0.0	0.0	3.5	48.9	71.3	28.5	186.1	16.2	41.8	7.5	0.0	0.0	403.8
1949	0.0	0.0	8.7	0.0	183.0	47.7	23.8	46.4	4.7	0.0	0.0	0.0	314.3
1950	0.0	0.0	1.7	66.7	76.7	20.4	0.0	51.3	49.8	23.2	38.8	0.0	328.6
1951	0.0	0.0	0.0	14.4	109.2	83.2	129.1	31.1	72.6	0.0	3.2	1.0	443.9
1952	0.0	4.8	0.0	0.0	109.4	141.5	43.5	28.6	58.3	22.8	8.0	0.6	417.5
1953	3.9	0.0	0.9	46.6	113.2	74.4	130.4	245.9	125.2	32.3	0.0	0.0	772.8
1954	0.0	3.8	0.0	84.1	100.2	120.4	78.7	24.1	17.5	6.7	0.0	0.8	436.3
1955	0.0	0.0	3.0	23.5	59.5	75.7	30.5	31.8	11.7	53.6	0.0	0.7	290.0
1956	9.4	0.0	81.7	21.6	45.6	4.7	57.3	111.7	11.8	6.3	11.0	7.8	368.9
1957	0.0	0.0	0.0	2.9	181.4	42.6	51.7	48.5	25.8	2.5	1.1	30.4	386.9
1958	0.0	0.0	5.1	0.0	126.8	141.7	32.6	125.5	18.9	4.8	13.4	0.0	468.8
1959	0.0	0.8	7.6	45.2	68.3	108.7	52.4	74.8	30.2	23.7	0.0	0.0	411.7
1960	0.0	0.0	0.0	0.0	0.4	46.6	84.8	74.2	29.3	11.7	2.7	0.0	249.7
1961	0.0	0.0	22.7	0.0	39.1	133.1	25.9	86.1	66.1	30.5	0.0	7.4	344.8
1962	0.0	0.0	0.0	0.0	37.3	216.0	23.8	48.6	12.5	37.2	0.0	1.4	376.8
1963	0.0	0.0	7.5	4.3	21.0	55.3	178.2	131.0	137.6	47.4	17.4	0.0	599.7
1964	0.0	0.0	0.0	0.7	0.0	111.7	48.0	60.5	0.0	6.1	0.0	7.8	234.8
1965	0.0	0.0	0.0	16.5	37.4	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1966	0.0	0.0	0.0	44.8	6.3	152.2	110.8	68.5	-1.0	10.5	24.7	27.7	-1.0
1968	0.0	0.0	2.4	15.5	0.0	5.0	5.4	26.7	43.7	0.0	4.4	0.0	103.1
MIN	0.0	0.0	0.0	0.0	0.0	4.7	0.0	16.2	0.0	0.0	0.0	0.0	103.1
MAX	9.4	4.8	81.7	84.1	183.0	216.0	186.1	245.9	137.6	53.6	38.8	30.4	772.8
PROM	0.6	0.4	6.6	20.3	64.9	82.8	65.4	67.1	38.0	17.7	5.9	4.1	367.1
DESV	2.1	1.3	17.6	24.8	55.0	56.3	52.9	52.8	38.7	15.8	10.2	8.7	149.7
CV	3.5	3.0	2.7	1.2	0.8	0.7	0.8	0.8	1.0	0.9	1.7	2.1	0.4

NOTA=VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

 ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 41 SANTIAGO
 LAT 3327 LON 7042 ALT 520 (MTS)

438.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1866	0.0	0.0	0.0	10.0	45.0	50.0	49.0	47.0	14.0	5.0	0.0	0.0	220.0
1867	0.0	0.0	0.0	3.0	31.0	80.0	94.0	18.0	0.0	0.0	7.0	6.0	239.0
1868	0.0	0.0	0.0	23.0	17.0	74.0	143.0	54.0	250.0	28.0	0.0	9.0	598.0
1869	0.0	0.0	12.0	0.0	44.0	7.0	42.0	31.0	13.0	9.0	0.0	0.0	158.0
1870	0.0	0.0	5.0	0.0	23.0	113.0	51.0	3.0	1.0	9.0	0.0	0.0	205.0
1871	0.0	18.0	21.0	13.0	54.0	58.0	69.0	27.0	35.0	6.0	0.0	0.0	301.0
1872	0.0	0.0	3.0	0.0	44.0	37.0	7.0	45.0	22.0	0.0	0.0	0.0	158.0
1873	0.0	2.0	0.0	11.0	26.0	39.0	85.0	93.0	33.0	0.0	0.0	6.0	295.0
1874	0.0	0.0	2.0	0.0	46.0	91.0	12.0	13.0	35.0	17.0	47.0	0.0	263.0
1875	1.0	17.0	0.0	0.0	109.0	17.0	30.0	0.0	0.0	0.0	50.0	60.0	239.0
1876	0.0	0.0	14.0	9.0	38.0	21.0	16.0	42.0	19.0	41.0	3.0	0.0	203.0
1877	2.0	1.0	0.0	131.0	50.0	24.0	264.0	12.0	99.0	69.0	0.0	0.0	652.0
1878	4.0	11.0	25.0	111.0	92.0	73.0	47.0	24.0	11.0	0.0	4.0	0.0	402.0
1879	0.0	0.0	0.0	0.0	36.0	74.0	22.0	31.0	0.0	3.0	0.0	0.0	166.0
1880	0.0	2.0	1.0	8.0	29.0	235.0	269.0	89.0	8.0	10.0	2.0	0.0	653.0
1881	6.0	0.0	0.0	25.0	62.0	87.0	91.0	63.0	74.0	20.0	13.0	0.0	441.0
1882	0.0	2.0	0.0	0.0	40.0	33.0	160.0	55.0	9.0	0.0	5.0	0.0	304.0
1883	12.0	0.0	0.0	0.0	120.0	84.0	46.0	12.0	77.0	15.0	0.0	0.0	366.0
1884	0.0	0.0	27.0	32.0	6.0	62.0	49.0	117.0	31.0	9.0	7.0	47.0	387.0
1885	0.0	1.0	0.0	3.0	160.0	4.0	109.0	47.0	48.0	24.0	1.0	0.0	397.0
1886	0.0	0.0	0.0	0.0	14.0	13.0	18.0	31.0	10.0	3.0	5.0	32.0	126.0
1887	0.0	14.0	0.0	1.0	4.0	160.0	3.0	278.0	59.0	29.0	16.0	0.0	564.0
1888	0.0	0.0	0.0	15.0	27.0	127.0	159.0	212.0	93.0	41.0	19.0	0.0	693.0
1889	2.0	0.0	0.0	6.0	45.0	21.0	102.0	48.0	1.0	3.0	0.0	2.0	230.0
1890	2.0	0.0	2.0	39.0	5.0	38.0	63.0	48.0	24.0	1.0	0.0	0.0	222.0
1891	0.0	0.0	0.0	24.0	117.0	149.0	227.0	6.0	0.0	85.0	3.0	3.0	614.0
1892	0.0	0.0	0.0	0.0	9.0	12.0	25.0	49.0	4.0	7.0	17.0	0.0	123.0
1893	0.0	0.0	0.0	4.0	58.0	52.0	58.0	28.0	1.0	0.0	25.0	12.0	238.0
1894	1.0	0.0	15.0	12.0	56.0	39.0	27.0	52.0	15.0	1.0	24.0	0.0	242.0
1895	0.0	0.0	19.0	11.0	1.0	9.0	42.0	150.0	46.0	10.0	5.0	0.0	293.0
1896	0.0	0.0	1.0	2.0	1.0	32.0	103.0	49.0	69.0	6.0	0.0	0.0	263.0
1897	2.0	0.0	5.0	0.0	206.0	45.0	52.0	20.0	10.0	15.0	0.0	0.0	355.0
1898	0.0	0.0	0.0	46.0	30.0	243.0	66.0	42.0	23.0	30.0	16.0	2.0	498.0
1899	0.0	0.0	1.0	0.0	36.0	235.0	161.0	313.0	17.0	10.0	0.0	0.0	773.0
1900	0.0	1.0	22.0	2.0	123.0	130.0	353.0	109.0	19.0	61.0	0.0	0.0	820.0
1901	0.0	0.0	5.0	1.0	71.0	110.0	68.0	109.0	0.0	20.0	0.0	0.0	384.0
1902	0.0	5.0	5.0	1.0	105.0	150.0	187.0	18.0	8.0	6.0	21.0	0.0	506.0
1903	0.0	0.0	1.0	21.0	27.0	99.0	38.0	1.0	1.0	6.0	0.0	0.0	194.0
1904	0.0	1.0	36.0	6.0	232.0	78.0	172.0	74.0	21.0	16.0	3.0	48.0	687.0
1905	0.0	0.0	3.0	2.0	156.0	186.0	180.0	56.0	22.0	8.0	0.0	3.0	616.0
1906	1.0	8.0	0.0	1.0	112.0	41.0	36.0	88.0	7.0	0.0	0.0	0.0	294.0
1907	0.0	1.0	0.0	17.0	56.0	80.0	34.0	21.0	45.0	9.0	0.0	5.0	268.0
1908	1.0	1.0	0.0	42.0	30.0	83.0	9.0	31.0	5.0	0.0	0.0	0.0	202.0
1909	0.0	0.0	0.0	2.0	11.0	89.0	22.0	21.0	32.0	4.0	0.0	3.0	184.0
1910	0.0	0.0	10.0	16.0	1.0	158.0	36.0	32.0	1.0	3.0	8.0	5.0	270.0
1911	0.0	0.0	0.0	26.0	21.0	45.0	30.0	12.0	16.0	0.0	0.0	20.0	170.0
1912	0.0	0.0	0.0	5.0	98.0	124.0	3.0	50.0	8.0	2.0	1.0	0.0	291.0
1913	0.0	0.0	0.0	4.0	39.0	15.0	121.0	43.0	44.0	1.0	0.0	0.0	267.0
1914	0.0	0.0	0.0	6.4	58.3	205.5	125.0	74.1	102.1	71.7	57.4	0.0	700.5
1915	0.1	3.5	1.3	21.3	110.4	77.3	9.1	9.3	2.1	2.1	0.3	0.0	236.8

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1916	5.9	0.0	15.9	7.3	22.4	6.1	86.1	33.0	23.8	1.1	22.8	0.9	225.3
1917	0.0	0.0	0.5	16.3	30.4	95.7	3.2	14.8	42.3	0.4	0.2	0.0	203.8
1918	0.0	0.0	5.2	26.0	35.0	65.6	24.3	22.2	167.7	6.6	24.2	0.0	376.8
1919	1.0	0.0	0.0	55.0	221.0	183.0	144.0	18.0	20.0	4.0	3.0	0.0	649.0
1920	0.0	0.0	0.0	0.0	101.0	81.0	48.0	24.0	1.0	5.0	7.0	23.0	290.0
1921	0.0	0.0	0.0	15.0	248.0	95.0	1.0	52.0	22.0	2.0	0.0	0.0	435.0
1922	0.0	0.0	3.0	0.0	24.0	216.0	53.0	86.0	39.0	27.0	1.0	0.0	449.0
1923	0.0	0.0	0.0	0.0	7.0	72.0	98.0	79.0	13.0	32.0	5.0	0.0	306.0
1924	0.0	0.0	13.0	1.0	0.0	16.0	10.0	11.0	12.0	3.0	0.0	0.0	66.0
1925	0.0	0.0	0.0	2.0	25.0	8.0	72.0	1.0	139.0	11.0	1.0	0.0	259.0
1926	0.0	0.0	3.0	0.0	35.0	433.0	234.0	44.0	8.0	3.0	0.0	0.0	760.0
1927	0.0	1.0	0.0	1.0	77.0	111.0	112.0	29.0	68.0	6.0	1.0	0.0	406.0
1928	0.0	1.0	0.0	32.0	97.0	159.0	36.0	4.0	10.0	1.0	0.0	0.0	340.0
1929	18.0	0.0	0.0	0.0	44.0	46.0	20.0	162.0	36.0	13.0	0.0	1.6.0	355.0
1930	0.0	0.0	3.0	18.0	15.0	90.0	95.0	151.0	12.0	102.0	14.0	0.0	500.0
1931	11.0	0.0	0.0	7.0	20.0	47.0	101.0	63.0	44.0	0.0	27.0	0.0	320.0
1932	0.0	1.0	0.0	7.0	43.0	66.0	91.0	106.0	20.0	1.0	0.0	16.0	351.0
1933	41.0	16.0	0.0	0.0	65.0	82.0	31.0	55.0	21.0	5.0	0.0	0.0	316.0
1934	0.0	0.0	1.0	0.0	268.0	146.0	30.0	9.0	14.0	44.0	8.0	0.0	520.0
1935	0.0	0.0	0.0	3.0	22.0	86.0	37.0	29.0	30.0	45.0	0.0	0.0	252.0
1936	0.0	0.0	0.0	17.0	134.0	65.0	76.0	62.0	11.0	0.0	2.0	12.0	379.0
1937	0.0	0.0	0.0	0.0	42.0	69.0	93.0	71.0	49.0	17.0	4.0	0.0	347.0
1938	0.0	10.0	29.0	9.0	46.0	59.0	30.0	1.0	1.0	12.0	6.0	0.0	203.0
1939	3.0	0.0	0.0	0.0	71.0	89.0	15.0	39.0	18.0	41.0	2.0	45.0	323.0
1940	0.0	14.0	0.0	18.0	18.0	84.0	148.0	21.0	23.0	4.0	10.0	0.0	340.0
1941	0.0	0.0	11.0	86.0	100.0	120.0	167.0	145.0	9.0	12.0	24.0	0.0	674.0
1942	0.0	0.0	0.0	0.0	33.0	95.0	84.0	117.0	16.0	15.0	41.0	1.0	402.0
1943	0.0	0.0	27.0	6.0	31.0	25.0	31.0	32.0	27.0	25.0	0.0	0.0	204.0
1944	19.0	21.0	1.0	13.0	65.0	136.0	21.0	173.0	2.0	43.0	0.0	0.0	494.0
1945	0.0	84.5	0.0	21.2	5.3	0.0	36.8	72.3	27.1	0.0	0.0	0.0	247.2
1946	0.0	0.0	0.0	11.1	13.9	28.7	38.5	25.7	1.0	8.4	0.0	0.0	127.3
1947	0.0	0.0	0.6	2.7	22.7	110.8	31.2	63.0	3.0	19.3	0.0	0.0	253.3
1948	0.0	0.0	3.8	47.1	80.2	32.4	164.7	11.5	21.1	7.1	0.0	0.0	367.9
1949	0.0	0.0	12.2	0.0	185.1	46.0	21.6	39.3	2.2	0.1	0.0	0.0	306.5
1950	0.0	0.0	1.0	77.2	80.9	16.8	0.1	45.1	39.3	10.1	22.2	0.0	292.7
1951	0.0	0.0	0.0	19.6	81.1	65.2	106.1	12.9	35.9	0.0	2.0	0.1	322.9
1952	0.0	2.5	0.0	0.0	98.4	102.4	39.7	27.9	41.0	14.8	7.7	0.0	334.4
1953	6.4	0.0	0.9	38.6	70.8	38.4	101.7	198.7	112.7	14.8	0.0	0.0	583.0
1954	0.0	0.9	0.0	60.7	67.9	85.2	71.1	13.5	12.0	4.9	0.0	0.0	316.2
1955	0.0	0.0	0.5	13.5	44.8	53.0	21.1	20.6	5.3	33.1	1.5	0.5	193.9
1956	5.5	0.0	39.8	12.9	37.3	4.9	64.3	76.9	14.2	4.4	2.8	1.0	264.0
1957	1.0	0.1	0.0	2.2	161.3	23.4	43.5	42.2	15.8	0.2	0.0	19.7	309.4
1958	0.0	0.0	0.2	0.0	98.4	107.8	22.7	90.8	7.2	1.3	7.4	0.0	335.8
1959	0.0	0.0	18.2	59.5	58.0	79.2	45.2	41.8	11.3	6.0	0.0	0.0	319.7
1960	0.0	0.0	0.0	0.0	21.2	89.0	54.3	21.1	5.3	3.0	0.0	0.0	193.9
1961	1.2	0.0	13.0	0.0	21.7	74.4	16.7	67.7	32.3	26.4	0.5	7.0	260.9
1962	0.0	0.0	0.0	0.4	12.9	149.9	14.1	32.1	6.0	11.2	0.0	0.0	226.6
1963	0.2	0.0	4.4	0.4	27.1	34.1	146.5	104.7	108.0	24.3	5.8	0.0	455.5
1964	0.0	0.0	0.2	0.9	0.2	83.7	35.6	61.3	0.3	0.2	0.0	4.1	186.5
1965	0.0	0.0	0.0	36.4	33.3	14.7	130.8	159.4	3.6	18.1	3.6	13.8	413.7
1966	0.0	0.0	0.0	35.3	6.6	133.1	103.6	45.1	0.7	6.1	20.0	13.6	364.1
1967	0.0	0.0	0.0	1.3	12.4	36.2	55.2	20.0	30.7	17.0	0.0	0.0	172.8
1968	0.0	0.0	0.0	14.0	0.0	7.8	4.6	9.9	32.7	0.0	0.2	0.0	69.2
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	66.0
MAX	41.0	84.5	39.8	131.0	268.0	433.0	353.0	313.0	250.0	102.0	57.4	60.0	820.0
PROM	1.4	2.3	4.3	14.6	59.3	81.3	73.3	56.8	28.7	13.9	6.2	4.2	346.0
DESV	5.1	9.2	8.4	23.0	56.8	65.5	66.0	56.0	37.9	18.8	11.3	10.9	165.0
CV	3.5	3.9	2.0	1.6	1.0	0.8	0.9	1.0	1.3	1.4	1.8	2.6	0.5

PRECIPITACIONES (MM)

ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 45 MACUL ESC AGRIC
 LAT 2230 LON 7034

440.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1946	-1.0	-1.0	-1.0	-1.0	-1.0	24.2	44.8	18.0	1.0	12.0	0.0	0.0	-1.0
1947	0.0	0.0	0.0	0.7	25.7	114.5	36.4	66.5	2.0	25.6	0.0	0.0	271.4
1948	0.0	0.0	3.8	40.9	78.1	30.6	221.9	17.2	42.1	0.0	0.0	0.0	434.6
1949	0.0	0.0	6.3	0.0	213.4	48.5	21.7	44.9	3.9	0.0	0.0	0.0	338.7
1950	0.0	0.0	0.2	72.0	86.7	23.3	0.0	59.5	32.5	14.6	38.4	0.0	327.2
1951	0.0	0.0	0.0	33.8	84.7	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1952	0.0	2.0	0.0	0.0	111.9	127.5	44.5	44.2	58.9	23.4	8.6	0.0	421.0
1953	6.6	0.0	0.1	52.5	112.8	74.9	164.5	286.4	126.7	27.7	0.0	0.0	852.2
MIN	0.0	0.0	0.0	0.0	25.7	23.3	0.0	17.2	1.0	0.0	0.0	0.0	271.4
MAX	6.6	2.0	6.3	72.0	213.4	127.5	221.9	286.4	126.7	27.7	38.4	0.0	852.2
PROM	0.9	0.3	1.5	28.6	101.9	63.4	76.3	76.7	38.2	14.8	6.7	0.0	440.8
DESV	2.5	0.8	2.5	29.0	57.1	43.4	83.0	94.4	45.1	11.6	14.3	0.0	210.6
CV	2.6	2.6	1.7	1.0	0.6	0.7	1.1	1.2	1.2	0.8	2.1	-1.0	0.5

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4

HOYA 308 MAIPO

SUP 14911 (KM2)

441.

EST 46 EL LLANG

LAT 3330 LON 7040 ALT 558 (MTS)

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1928	0.0	0.0	0.0	38.0	94.0	153.0	46.0	3.0	9.0	0.0	0.0	0.0	343.0
1929	18.0	0.0	0.0	0.0	44.0	46.0	22.0	170.0	33.0	10.0	0.0	19.0	362.0
1930	0.0	0.0	2.0	18.0	16.0	97.0	106.0	172.0	15.0	114.0	13.0	0.0	553.0
1931	15.0	1.0	0.0	7.0	24.0	47.0	119.0	72.0	52.0	0.0	31.0	0.0	366.0
1932	0.0	0.0	0.0	8.0	47.2	70.4	103.5	121.4	20.5	3.1	0.0	18.0	392.1
1933	45.0	19.0	0.0	0.0	78.0	94.0	39.0	65.0	22.0	5.0	0.0	0.0	367.0
1934	0.0	0.0	0.0	0.0	305.0	166.0	27.0	9.0	15.0	53.0	6.0	0.0	581.0
1935	0.0	0.0	0.0	0.0	25.0	89.0	42.0	29.0	31.0	44.0	0.0	0.0	260.0
1936	0.0	0.0	0.0	18.0	135.0	79.0	76.0	66.0	17.0	0.0	0.0	13.0	404.0
1937	0.0	0.0	0.0	0.0	45.0	79.0	103.0	81.0	58.0	22.0	4.0	0.0	392.0
1938	0.0	10.0	32.0	8.0	47.0	57.0	36.0	2.0	0.0	14.0	4.0	0.0	210.8
1939	3.0	0.0	0.0	0.0	84.0	101.0	21.0	42.0	19.0	39.0	1.0	42.0	352.0
1940	0.0	16.0	0.0	22.0	22.0	96.0	166.0	22.0	39.0	4.0	11.0	0.0	398.0
1941	0.0	0.0	18.0	100.0	106.0	124.0	174.0	156.0	12.0	12.0	26.0	0.0	728.0
1942	0.0	0.0	0.0	0.0	33.0	92.0	84.0	116.0	17.0	16.0	43.0	0.0	401.0
1943	0.0	0.0	31.0	5.0	33.0	24.0	34.0	34.0	31.0	29.0	0.0	0.0	221.0
1944	8.0	24.0	0.0	12.0	65.9	127.2	17.5	191.8	1.1	46.0	0.0	0.0	493.5
1945	0.0	88.5	0.0	21.2	6.6	0.0	38.7	72.3	25.5	1.0	0.0	0.0	253.8
1946	0.0	0.0	0.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MIN	0.0	0.0	0.0	0.0	6.6	0.0	17.5	2.0	0.0	0.0	0.0	0.0	210.8
MAX	45.0	88.5	32.0	100.0	305.0	166.0	174.0	191.8	58.0	114.0	43.0	42.0	728.0
PROM	4.7	8.3	4.4	14.3	67.3	85.6	69.7	79.1	23.2	22.9	7.7	5.1	393.2
DESV	11.1	20.8	10.4	23.9	68.6	42.1	49.2	61.6	15.5	28.7	12.8	11.2	130.6
CV	2.4	2.5	2.4	1.7	1.0	0.5	0.7	0.8	0.7	1.3	1.7	2.2	0.3

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)

EST 47 CCS CERBILLOS

LAT 3330 LONG 7042 ALT 500 (MS)

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEPT	OCT	NOV	DIC	TOT
1952	0.0	0.0	0.0	0.0	32.6	89.8	29.7	26.0	36.5	18.1	5.1	0.0	238.6
1953	6.7	0.0	0.0	34.6	53.0	35.1	104.4	209.2	105.1	15.1	0.0	0.0	564.1
1954	0.0	0.0	0.0	81.4	80.2	80.0	93.2	18.5	13.3	4.6	0.0	0.0	372.1
1955	0.0	0.0	0.0	26.0	72.5	70.8	29.0	21.0	6.6	37.5	0.0	13.0	278.8
1956	4.6	0.0	31.7	11.0	24.7	5.9	72.7	71.6	5.8	6.0	0.5	1.2	235.5
1957	0.7	0.0	0.0	0.0	147.8	22.7	24.5	30.6	4.3	0.0	0.0	0.0	230.6
1958	0.0	0.0	1.2	0.0	59.4	120.1	16.6	74.2	11.8	1.7	5.5	0.0	290.4
1959	0.0	0.0	10.7	62.2	47.3	75.0	57.4	44.1	16.4	1.8	0.0	0.0	314.9
1960	0.0	0.0	0.0	0.0	36.8	90.1	43.8	25.2	4.9	1.6	0.0	0.0	202.4
1961	3.0	0.0	11.9	0.0	17.3	75.1	21.9	62.5	30.3	21.5	0.0	5.2	248.7
1962	0.0	0.0	0.0	0.0	11.5	149.4	11.7	26.3	3.6	8.8	0.0	0.0	226.6
1963	0.0	0.0	3.1	0.0	20.5	37.4	153.3	96.6	96.6	30.3	5.3	0.0	443.1
1964	0.0	0.0	0.0	0.7	0.0	68.0	35.0	59.7	0.0	0.0	0.0	1.2	164.6
1965	0.0	0.0	0.0	41.2	31.2	14.3	112.8	147.5	2.1	15.1	8.7	15.4	388.3
1966	0.0	0.0	0.0	43.3	6.8	115.1	80.5	35.2	0.0	2.5	35.0	12.6	331.0
1967	0.0	0.0	0.0	2.6	13.0	26.0	43.0	23.0	30.0	12.0	0.0	0.0	167.6
1968	0.0	0.0	0.0	14.9	0.0	6.9	1.8	9.0	22.6	0.4	0.0	0.0	55.6
MIN	0.0	0.0	0.0	0.0	0.0	5.9	1.8	9.0	0.0	0.0	0.0	0.0	55.6
MAX	6.7	0.9	31.7	81.4	147.8	149.4	153.3	209.2	105.1	37.5	35.0	15.4	564.1
PROM	0.9	0.1	3.4	18.7	38.5	63.6	54.8	57.7	22.9	10.4	3.5	2.8	278.3
DESV	2.0	0.2	8.2	25.4	37.2	42.4	41.9	52.4	31.4	11.2	8.6	5.3	119.5
CV	2.2	4.1	2.4	1.4	1.0	0.7	0.8	0.9	1.4	1.1	2.4	1.9	0.4

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

 ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 48 RINC MAIPU U DE CHILE
 LAT 3332 LON 7046

 AÑO ENE FEB MAR ABR MAY JUN JUL AG SEP OCT NOV DIC TOT

 1964 -1.0 -1.0 -1.0 -1.0 -1.0 69.0 30.0 67.0 0.0 0.0 0.0 -1.0 -1.0
 1965 0.0 0.0 0.0 26.0 60.0 18.0 124.0 132.0 0.0 14.0 6.0 12.0 392.0
 1966 0.0 0.0 0.0 42.0 -1.0 172.0 108.0 28.0 -1.0 0.0 22.0 15.0 -1.0
 1967 0.0 0.0 0.0 1.7 12.0 21.0 86.0 32.0 -1.0 12.0 -1.0 -1.0 -1.0

443e

PRECIPITACIONES (MM)

ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)

EST 49 MAIPU

LAT 3332 LON 7046 ALT 488 (MTS)

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1918	0.0	0.0	3.2	33.2	34.0	57.0	30.2	8.5	191.5	4.0	30.0	0.0	391.6
1919	0.0	0.0	0.0	75.5	239.6	120.1	121.8	14.2	16.2	4.0	0.8	0.0	592.2
1920	0.0	0.0	0.0	0.0	98.8	109.6	37.0	14.1	2.2	3.5	12.3	15.8	293.3
1921	0.0	0.0	5.3	31.6	266.4	76.2	1.5	48.2	22.7	0.2	0.0	0.0	452.1
1922	2.2	0.0	0.0	0.0	19.8	191.0	53.9	77.3	25.7	23.0	0.0	0.0	392.9
1923	0.0	0.0	0.0	0.0	7.2	87.4	83.3	65.3	2.3	64.9	3.0	0.0	313.4
1924	0.0	0.0	5.8	0.3	2.0	13.9	10.6	8.5	14.3	0.0	0.0	0.0	55.4
MIN	0.0	0.0	0.0	0.0	2.0	13.9	1.5	8.5	2.2	0.0	0.0	0.0	55.4
MAX	2.2	0.0	5.8	75.5	266.4	191.0	121.8	77.3	191.5	64.9	30.0	15.8	592.2
PRCM	0.3	0.0	2.0	20.1	95.4	93.6	48.3	33.7	39.3	14.2	6.6	2.3	355.8
DESV	0.8	0.0	2.7	28.8	112.6	55.5	42.3	29.3	67.7	23.7	11.2	6.0	165.2
CV	2.6	-1.0	1.3	1.4	1.2	0.6	0.9	0.9	1.7	1.7	1.7	2.6	0.5

444

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4

HOYA 308 MAIPO

SUP 14911 (KM2)

EST 51 MAITENES PLANTA

LAT 3333 LON 7016 ALT 1140 (MTS)

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OGT	NOV	DIC	TOT
1929	24.0	0.0	0.0	0.0	86.0	60.0	20.0	159.0	44.0	4.0	0.0	25.0	422.0
1930	0.0	1.0	12.0	44.0	54.0	123.0	222.0	153.0	33.0	-1.0	-1.0	14.0	-1.0
1931	14.0	4.0	1.0	31.0	29.0	64.0	153.0	52.0	34.0	5.0	37.0	0.0	424.0
1932	0.0	0.0	0.0	15.0	55.0	56.0	136.0	77.0	27.0	22.0	0.0	39.0	427.0
1933	46.0	42.0	0.0	0.0	39.0	-1.0	30.0	120.0	-1.0	-1.0	10.0	0.0	-1.0
1934	2.0	0.0	31.0	0.0	374.0	183.0	6.0	12.0	16.0	55.0	11.0	5.0	695.0
1935	0.0	0.0	0.0	4.0	38.0	84.0	40.0	34.0	34.0	43.0	0.0	0.0	277.0
1936	0.0	0.0	0.0	39.0	182.0	67.0	64.0	68.0	22.0	1.0	1.0	22.0	466.0
1937	0.0	1.0	0.0	0.0	82.0	50.0	147.0	139.0	51.0	18.0	18.0	0.0	506.0
1938	0.0	14.0	49.0	8.0	79.0	17.0	49.0	1.0	4.0	14.0	2.0	0.0	237.0
1939	17.0	0.0	0.0	0.0	41.0	113.0	33.0	68.0	6.0	70.0	4.0	40.0	392.0
1940	8.0	13.0	0.0	34.0	80.0	82.0	227.0	50.0	44.0	47.0	15.0	0.0	600.0
1941	0.0	0.0	23.0	210.0	145.0	191.0	312.0	266.0	16.0	21.0	77.0	0.0	1261.0
1942	1.0	0.0	0.0	5.0	86.0	100.0	61.0	158.0	25.0	15.0	24.0	0.0	475.0
1943	0.0	0.0	43.0	8.0	75.0	66.0	55.0	22.0	40.0	30.0	0.0	8.0	347.0
1944	8.0	31.0	0.0	18.0	63.0	181.0	36.0	210.0	11.0	32.0	2.0	0.0	592.0
1945	1.5	106.5	0.0	46.0	4.0	6.0	58.0	35.0	58.0	14.0	21.0	0.0	350.0
1946	6.0	0.0	0.0	19.0	41.0	23.0	63.0	32.0	12.0	19.0	0.0	0.0	215.0
1947	0.0	0.0	4.0	0.0	34.0	153.0	50.0	91.0	0.0	37.0	0.0	0.0	369.0
1948	0.0	2.0	11.0	77.0	76.0	33.0	271.0	36.0	73.0	3.0	0.0	0.0	582.0
1949	0.0	0.0	6.0	1.0	345.0	21.0	39.0	96.0	4.0	0.0	0.0	0.0	512.0
1950	0.0	0.0	0.0	55.0	128.0	39.0	0.0	135.0	62.0	33.0	69.0	0.0	521.0
1951	0.0	0.0	0.0	15.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	6.0	0.0	-1.0
1952	0.0	24.0	4.0	0.0	145.0	104.0	36.0	20.0	84.0	35.0	12.0	0.0	464.0
1953	0.0	0.0	15.0	25.0	121.0	54.0	118.0	269.0	124.0	48.5	0.0	18.0	792.5
1954	0.0	2.5	2.0	46.0	94.0	112.5	56.0	13.0	10.0	3.0	0.0	8.0	347.0
1955	4.0	0.0	28.0	3.0	79.0	96.0	57.0	71.0	44.0	171.0	64.0	5.0	622.0
1956	51.0	0.0	76.0	35.0	99.0	0.0	65.0	61.0	6.0	7.0	22.0	27.0	449.0
1957	2.0	7.0	0.0	0.0	181.5	31.5	50.0	47.5	33.0	8.5	2.0	9.0	372.0
1958	0.0	0.0	4.5	0.5	106.0	151.0	16.0	68.5	18.0	3.5	38.0	0.0	406.0
1959	0.0	0.0	23.0	70.0	63.0	112.5	70.5	31.5	7.0	18.0	0.0	0.0	395.5
1960	0.0	0.0	0.0	0.0	26.0	165.5	72.5	22.5	4.0	7.0	0.0	0.0	297.5
1961	0.0	0.0	44.0	0.0	51.0	137.0	46.0	100.0	29.0	9.5	10.0	15.0	441.5
1962	0.0	0.0	0.8	0.0	22.0	215.5	30.0	20.0	6.0	55.5	0.0	5.5	355.3
1963	0.0	33.0	0.0	5.0	24.0	114.0	103.2	155.8	136.7	29.0	51.0	0.0	651.7
1964	0.0	0.0	17.0	0.0	0.0	57.0	43.0	15.0	0.2	3.0	0.0	10.0	145.2
1965	0.0	0.0	0.0	37.0	-1.0	17.0	136.0	228.0	17.0	25.0	3.0	22.0	-1.0
1966	0.0	0.0	0.0	22.0	8.5	140.0	98.0	52.0	0.0	-1.0	20.0	-1.0	-1.0
1967	0.0	0.0	10.0	4.5	13.0	21.0	27.0	15.0	43.0	54.0	4.0	0.0	187.9
1968	0.0	0.0	15.0	-1.0	0.0	-1.0	0.0	18.4	39.7	7.6	-1.0	0.0	-1.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	145.2
MAX	51.0	106.5	76.0	210.0	374.0	215.5	312.0	269.0	136.7	171.0	77.0	40.0	1261.0
PROM	4.6	7.0	10.5	22.5	83.4	87.6	79.4	82.6	32.0	26.9	13.8	7.0	458.7
DESV	11.5	19.1	17.2	37.4	80.9	58.1	73.0	72.1	31.6	31.0	20.8	11.1	202.6
CV	2.5	2.7	1.6	1.7	1.0	0.7	0.9	0.9	1.0	1.2	1.5	1.6	0.4

PRECIPITACIONES (MM)

ZONA 4

HOYA 308 MAIPO

SUP 14911 (KM2)

EST 52 LA FLORIDA

LAT 3333 LON 7033 ALT 665 (MTS)

415.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1913	0.0	0.0	0.0	26.9	68.8	19.0	153.8	66.9	56.9	0.0	0.0	0.0	392.3
1914	0.0	0.0	0.0	14.0	90.0	248.8	154.1	97.4	206.5	139.9	74.4	0.0	1025.1
1915	0.0	2.8	12.5	49.5	136.6	107.5	16.0	25.3	2.2	10.8	7.3	0.0	371.1
1916	12.2	0.0	22.1	2.3	29.7	18.1	75.7	61.9	56.2	3.0	37.9	0.0	319.1
1917	0.0	0.0	0.1	1.8	41.5	112.0	5.0	16.6	51.0	0.2	0.0	0.0	228.8
1918	0.0	0.0	7.9	38.9	52.9	82.1	34.0	31.8	200.9	6.7	53.4	2.3	511.5
1919	1.3	0.0	6.1	70.7	291.3	179.2	160.7	24.6	16.1	14.9	1.2	0.0	760.1
1920	0.0	0.0	0.0	0.0	141.0	127.6	58.5	21.5	3.2	4.2	12.1	22.2	390.9
1921	0.0	0.0	0.0	0.0	295.7	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1931	27.0	0.0	0.0	11.0	29.0	73.0	270.0	90.0	59.0	10.0	50.0	0.0	625.0
1932	0.0	0.0	0.0	8.0	22.4	87.3	99.5	96.6	40.0	-1.0	-1.0	0.0	-1.0
1933	51.0	37.0	0.0	0.0	85.0	127.0	47.0	70.0	40.0	9.0	0.0	0.0	472.0
1934	2.0	0.0	6.0	0.0	335.0	170.0	17.0	19.0	32.0	71.0	8.0	0.0	660.0
1935	0.0	0.0	0.0	1.0	27.0	99.0	59.0	47.0	31.0	69.0	0.0	0.0	333.0
1936	0.0	0.0	0.0	25.0	153.0	70.0	78.0	73.0	25.0	0.0	-1.0	-1.0	-1.0
1937	0.0	0.0	0.0	0.0	59.0	83.0	129.0	90.0	58.0	39.0	5.0	0.0	463.0
1938	0.0	9.0	32.0	17.0	60.0	75.0	49.0	0.0	1.0	17.0	5.0	0.0	271.0
1939	5.0	0.0	0.0	0.0	87.0	94.0	19.0	46.0	19.0	60.0	3.0	39.0	372.0
1940	0.0	16.0	0.0	26.0	38.0	111.0	153.0	27.0	31.0	21.0	21.0	0.0	444.0
1941	0.0	0.0	7.0	123.0	110.0	130.0	203.0	199.0	22.0	21.0	45.0	0.0	860.0
1942	0.0	0.0	0.0	0.0	61.0	123.0	125.0	184.0	29.0	28.0	70.0	3.0	629.0
1943	0.0	0.0	26.0	28.0	43.0	37.0	54.0	52.0	53.0	32.0	0.0	0.0	325.0
1944	22.0	29.0	0.0	27.0	54.0	157.0	27.0	295.0	14.0	77.0	0.0	0.0	702.0
1945	0.0	86.0	0.0	21.0	6.0	0.0	54.0	71.0	53.0	0.0	1.0	0.0	292.0
1946	0.0	0.0	0.0	20.0	26.0	39.0	62.0	18.0	5.0	18.0	0.0	0.0	188.0
1947	0.0	0.0	0.0	2.0	15.0	140.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1948	0.0	0.0	2.0	53.0	102.0	48.0	282.0	21.0	63.0	18.0	0.0	0.0	589.0
1949	0.0	3.0	9.5	0.0	255.0	42.0	27.0	56.0	0.0	0.0	0.0	0.0	392.5
1950	0.0	0.0	0.0	86.0	119.0	34.0	0.0	69.0	88.0	23.0	49.0	0.0	468.0
1951	0.0	0.0	0.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1952	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1953	0.0	0.0	3.0	42.0	77.0	57.0	139.0	253.0	177.0	35.0	0.0	0.0	783.0
1954	0.0	3.0	0.0	54.0	82.0	110.0	79.0	20.0	20.0	0.0	0.0	0.0	374.0
1955	0.0	0.0	0.0	10.0	53.0	97.0	14.0	20.0	9.0	45.0	5.0	0.0	259.0
1956	11.0	0.0	70.0	14.0	42.5	4.0	56.0	83.0	12.0	2.0	-1.0	2.0	-1.0
1957	0.0	0.0	0.0	3.0	169.0	30.0	57.5	50.0	24.0	6.0	0.0	30.0	369.5
1958	0.0	0.0	2.0	0.0	81.0	161.0	26.0	129.0	12.0	4.0	11.0	0.0	426.0
1959	0.0	0.0	15.0	64.0	63.0	110.0	80.5	-1.0	-1.0	21.0	0.0	0.0	-1.0
1960	0.0	0.0	0.0	0.0	34.0	153.3	110.0	37.1	12.3	11.5	0.0	0.0	358.2
1961	47.0	0.0	34.0	0.0	46.9	76.4	32.0	117.0	56.6	29.7	-1.0	13.3	-1.0
1962	0.0	0.0	0.0	0.5	32.4	212.9	26.0	47.2	15.9	-1.0	0.0	0.0	-1.0
1963	0.0	-1.0	-1.0	0.0	19.6	46.9	161.2	-1.0	136.2	-1.0	-1.0	0.0	-1.0
1964	0.0	0.0	0.0	1.0	0.0	97.1	-1.0	-1.0	0.0	3.2	0.0	-1.0	-1.0
1965	0.0	0.0	0.0	50.5	-1.0	-1.0	96.9	245.7	18.2	23.5	-1.0	13.3	-1.0
1966	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1967	9.2	-1.0	0.0	2.9	18.0	50.0	64.0	35.0	53.0	-1.0	1.5	0.0	-1.0
1968	0.0	0.0	5.7	21.0	0.0	6.2	13.0	21.7	42.7	0.0	0.0	0.0	110.3
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	110.3
MAX	51.0	86.0	70.0	123.0	335.0	248.8	282.0	295.0	206.5	139.9	74.4	39.0	1025.1
PROM	4.2	4.3	5.9	20.8	82.6	91.6	82.1	75.1	45.0	23.0	12.8	3.1	461.4
DESV	11.3	14.8	13.1	27.5	80.1	57.0	68.0	70.6	50.5	28.7	21.8	8.6	205.8
CV	2.7	3.4	2.2	1.3	1.0	0.6	0.8	0.9	1.1	1.2	1.7	2.8	0.4

PRECIPITACIONES (MM)

ZCNA 4 HCYA 308 MAIPO SUP 14911 (KM2)
 EST 53 LA CISTERNA
 LAT 3333 LON 7042

147.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1945	0.0	72.0	0.9	22.0	5.0	0.0	50.8	71.0	24.3	2.1	0.0	0.0	248.7
1946	0.0	0.0	0.0	12.5	18.4	33.2	41.1	17.9	0.0	16.6	0.0	0.0	139.7
1947	0.0	0.0	4.5	6.1	24.1	94.1	30.9	71.9	1.7	18.0	0.0	0.0	251.3
1948	0.0	0.0	3.5	49.6	66.6	32.5	179.7	13.8	24.4	9.2	0.0	0.0	379.3
1949	0.0	0.0	21.3	0.0	196.2	45.7	17.7	41.4	3.0	0.0	0.0	0.0	325.3
1950	0.0	0.0	3.0	68.4	85.0	18.5	0.0	55.8	53.7	15.5	27.5	0.0	327.4
1951	0.0	0.0	0.0	23.0	88.7	79.3	103.5	13.4	35.1	0.0	1.3	0.0	344.3
1952	0.0	1.5	0.0	0.0	110.5	107.7	46.6	22.5	43.5	23.5	10.5	0.0	366.3
1953	7.2	0.0	0.0	40.0	88.3	26.0	106.3	266.2	134.7	16.0	0.0	0.0	684.7
1954	0.0	6.2	0.0	79.0	73.7	122.0	89.0	10.0	39.0	0.0	0.0	0.0	418.9
1955	0.0	0.0	0.0	32.3	44.2	99.9	35.0	31.7	5.3	13.9	0.0	8.4	280.7
1956	7.8	0.0	38.7	12.0	12.0	24.5	4.3	78.9	7.8	5.2	2.3	2.2	256.0
1957	0.0	0.1	0.0	1.2	145.5	10.4	85.1	29.7	7.4	0.0	0.0	9.4	288.0
MIN	0.0	0.0	0.0	0.0	5.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	139.7
MAX	7.8	72.0	38.7	79.0	196.2	122.0	179.7	266.2	134.7	23.5	27.5	9.4	684.7
PROM	1.2	6.1	5.5	26.6	73.7	53.4	60.8	55.7	29.2	9.2	3.2	1.5	331.6
DESV	2.8	19.9	11.5	26.1	55.6	41.4	50.3	67.7	36.4	8.4	7.9	3.3	127.9
CV	2.4	3.2	2.1	1.0	0.8	0.8	0.8	1.2	1.2	0.9	2.5	2.2	0.4

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

 ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 54 EL CANELO
 LAT 3334 LON 7027 ALT 843 (MTS)

ANG	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1931	13.2	3.8	1.4	33.2	12.0	137.0	329.0	122.0	11.0	0.0	80.0	0.0	841.6
1932	0.0	3.0	0.0	20.5	58.4	132.0	238.1	116.3	46.2	29.0	0.0	101.0	745.9
1933	111.0	48.0	0.0	0.0	131.0	295.0	0.0	301.0	29.0	22.0	0.0	0.0	1003.0
1934	0.0	0.0	26.0	0.0	680.0	330.0	32.0	30.0	35.0	91.0	12.0	0.0	1236.0
1935	0.0	0.0	0.0	0.2	36.0	137.0	118.0	57.0	64.0	77.0	0.0	0.0	489.2
1936	0.0	0.0	0.0	41.0	265.0	128.0	94.0	105.0	76.0	1.0	1.0	24.8	735.8
1937	0.0	0.0	0.0	0.0	135.0	123.0	272.0	152.0	108.0	20.1	15.0	0.0	825.1
1938	0.0	8.0	46.0	0.0	81.0	61.0	75.0	7.0	6.0	30.0	0.0	0.0	314.0
1939	0.0	0.0	0.0	0.0	27.0	132.0	0.0	124.0	24.0	67.0	9.0	53.0	436.0
1940	0.0	20.0	30.0	148.0	146.0	266.0	20.0	36.0	68.0	37.0	0.0	0.0	705.0
1941	0.0	0.0	21.0	282.0	179.0	271.0	433.0	395.0	30.0	28.0	36.0	0.0	1675.0
1942	0.0	0.0	0.0	0.0	84.0	15.0	13.0	41.0	3.0	4.0	115.0	0.0	275.0
1943	0.0	0.0	50.0	17.0	80.0	67.0	103.0	57.0	85.0	22.0	0.0	0.0	487.0
1944	22.0	57.0	0.0	30.0	104.5	248.0	78.0	271.0	14.0	116.0	0.0	0.0	940.5
1945	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1946	-1.0	-1.0	-1.0	-1.0	-1.0	54.0	108.0	48.0	0.0	6.0	0.0	0.0	-1.0
1947	0.0	0.0	2.0	0.0	65.0	246.0	50.0	133.0	0.0	53.0	0.0	0.0	549.0
1948	0.0	0.0	11.0	67.0	139.0	57.0	-1.0	23.0	122.0	27.0	-1.0	-1.0	-1.0
1949	-1.0	-1.0	-1.0	12.0	116.0	-1.0	491.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1954	-1.0	-1.0	-1.0	-1.0	-1.0	220.0	91.0	20.0	30.0	17.0	-1.0	-1.0	-1.0
1955	-1.0	-1.0	8.0	29.0	126.0	156.0	20.0	58.0	28.0	48.0	3.0	-1.0	-1.0
1956	31.0	-1.0	121.0	36.0	69.0	5.0	152.0	145.0	14.0	11.0	-1.0	5.0	-1.0
1957	-1.0	-1.0	-1.0	16.0	253.0	58.0	129.0	78.0	37.0	31.0	2.0	60.0	-1.0
1958	-1.0	-1.0	3.0	-1.0	234.0	337.0	24.0	192.0	58.0	9.0	49.0	-1.0	-1.0
1959	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1960	-1.0	-1.0	-1.0	-1.0	67.0	165.0	101.0	27.0	14.0	15.0	-1.0	-1.0	-1.0
1961	9.0	-1.0	93.0	-1.0	108.0	294.0	56.0	242.0	94.0	10.0	-1.0	13.0	-1.0
1962	-1.0	-1.0	-1.0	-1.0	45.0	509.0	23.0	8.0	19.0	101.0	-1.0	-1.0	-1.0
1963	0.0	0.0	-1.0	11.0	88.0	-1.0	369.0	268.0	235.0	73.0	-1.0	0.0	-1.0
1964	-1.0	0.0	0.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1965	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	124.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MIN	0.0	0.0	0.0	0.0	12.0	5.0	0.0	7.0	0.0	0.0	0.0	0.0	275.0
MAX	111.0	57.0	121.0	282.0	680.0	509.0	491.0	395.0	235.0	116.0	115.0	101.0	1675.0
PROM	9.8	7.8	19.6	35.4	133.2	177.7	131.3	117.5	48.4	36.3	16.9	12.8	750.5
DESV	26.0	17.1	33.2	65.8	131.8	121.4	135.6	103.6	50.8	32.4	31.9	27.3	368.4
CV	2.7	2.2	1.7	1.9	1.0	0.7	1.0	0.9	1.0	0.9	1.9	2.1	0.5

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4

HOYA 308 MAIPO

SUP 14911 (KM2)

449

EST 55 LA PLATINA

LAT 3334 LON 7038 ALT 625 (MTS)

ANC ENE FEB MAR ABR MAY JUN JUL AG SEP OCT NOV DIC TOI

1966 0.0 0.0 0.0 30.0 7.2 161.0 140.0 10.0 1.6 7.6 -1.0 16.0 -1.0

PRECIPITACIONES (MM)													

ZONA 4													
FCYA 308 MAIPC SLP 14911 (KM2)													
EST 56 EL PC SCUE PRCP 22 TIPC MT													
LAT 2234 LON 7037 ALT 590 (MFS)													

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1936	0.0	0.0	0.0	25.0	127.0	52.0	71.0	62.0	2.0	0.0	3.0	18.0	370.0
1937	0.0	0.0	0.0	0.0	43.0	79.0	112.0	104.0	75.0	27.0	7.0	0.0	447.0
1938	0.0	0.0	0.0	0.0	14.0	65.0	99.0	1.0	3.0	20.0	13.0	0.0	175.0
1939	0.0	0.0	0.0	0.0	68.0	102.0	6.0	46.0	71.0	48.0	4.0	66.0	361.0
1940	0.0	15.0	0.0	25.0	18.0	104.0	140.0	16.0	31.0	15.0	18.0	0.0	382.0
1941	0.0	0.0	0.0	131.0	121.0	147.0	203.0	144.0	9.0	-1.0	-1.0	-1.0	791.0
1942	0.1	0.0	0.0	0.0	50.0	149.0	134.0	1.0	-1.0	-1.0	-1.0	-1.0	315.0
1961	10.0	0.0	17.0	0.0	25.0	79.0	225.0	91.0	33.0	24.0	0.0	11.0	253.0
1962	0.0	0.0	0.0	0.0	15.0	165.0	222.0	34.0	6.0	11.0	0.0	0.0	498.0
1963	0.0	0.0	3.0	2.0	25.0	46.0	164.0	115.0	105.0	31.0	7.0	3.0	171.0
1964	0.0	0.0	0.0	0.0	0.0	74.0	33.0	60.0	0.0	0.0	0.0	0.0	171.0
1965	0.0	0.0	0.0	41.0	47.0	15.0	128.0	173.0	3.0	16.0	12.0	17.0	452.0
1966	0.0	0.0	0.0	30.0	7.2	161.0	140.0	10.0	1.0	7.6	-1.0	16.0	366.0
1966	0.0	0.0	0.0	46.0	7.0	129.0	111.0	44.0	2.0	5.0	6.0	15.0	211.7
1967	0.0	0.0	0.0	2.0	14.0	34.0	67.0	31.0	35.0	14.0	0.0	0.0	211.7
1968	0.0	0.0	0.0	17.9	0.0	6.6	2.2	7.8	29.1	1.2	0.3	0.0	65.1
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
MIN	0.0	0.0	0.0	0.0	0.0	6.6	2.2	1.0	0.0	0.0	0.0	0.0	65.1
MAX	10.0	15.0	17.0	121.0	127.0	165.0	203.0	173.0	105.0	48.0	24.0	66.0	791.0
PFCM	0.6	0.9	1.3	20.1	36.9	88.0	88.6	62.6	23.7	15.5	6.7	8.7	346.9
DFSV	2.5	3.8	4.3	23.7	40.9	51.3	61.2	52.3	30.4	13.1	7.5	17.2	177.9
CV	4.0	4.0	3.3	1.7	1.1	0.6	0.7	0.8	1.3	0.8	1.1	1.8	0.5
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCENDIENTES

PRECIPITACIONES (MM)

 ZCNA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 59 LA OBRA DE MAIPO
 LAT 3335 LON 7030 ALT 799 (MTS)

451.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1912	-1.0	-1.0	-1.0	12.0	216.0	223.5	7.0	120.0	-1.0	-1.0	-1.0	-1.0	-1.0
1913	0.0	0.0	0.0	0.0	-1.0	33.0	224.0	94.5	-1.0	-1.0	-1.0	-1.0	-1.0
1914	0.0	0.0	0.0	17.5	125.0	298.0	227.5	207.0	283.0	-1.0	-1.0	-1.0	-1.0
1915	0.0	6.0	0.0	82.0	251.7	131.0	26.0	5.0	1.8	15.0	3.0	0.0	521.5
1916	10.0	0.0	29.0	0.0	30.7	21.2	91.9	78.5	73.7	4.6	57.0	0.1	396.7
1917	0.0	0.0	0.0	18.0	48.5	145.0	8.0	28.4	80.3	0.0	0.0	0.0	328.2
1918	0.0	0.0	8.0	61.0	65.6	111.5	62.2	84.7	237.1	8.8	93.5	6.0	738.4
1919	3.2	0.0	5.0	116.0	378.0	226.9	256.2	47.8	60.4	16.0	8.8	0.0	1118.3
1920	0.0	0.0	0.0	0.0	189.8	179.9	84.7	19.0	6.0	18.0	30.5	17.0	544.9
1921	0.0	0.0	0.0	17.0	330.9	142.5	0.0	120.0	27.5	10.8	0.0	0.0	648.7
1922	0.0	0.0	10.5	0.0	31.2	259.3	53.9	88.0	53.7	51.5	0.0	0.0	548.1
1923	0.0	0.0	0.0	0.0	8.0	131.2	191.4	119.0	17.0	-1.0	-1.0	-1.0	-1.0
1924	0.0	0.0	23.0	0.0	0.0	27.5	37.0	25.5	30.3	0.8	0.0	0.0	144.1
1925	0.0	4.3	0.0	0.0	57.0	1.1.5	94.5	5.0	322.0	11.0	5.0	0.0	510.3
1926	0.0	2.0	3.5	0.0	73.0	561.0	312.0	85.0	18.0	0.0	0.0	0.0	1054.5
1927	0.0	2.0	0.0	0.0	136.0	159.0	117.0	42.0	139.0	18.0	8.0	0.0	621.0
1928	0.0	7.0	0.0	32.0	145.0	202.0	38.0	9.0	11.0	3.0	0.0	1.0	448.0
1929	31.0	0.0	-1.0	-1.0	106.0	85.0	84.0	272.0	58.0	16.0	0.0	33.0	-1.0
1930	0.0	0.0	3.0	31.0	41.0	111.0	232.0	213.0	36.0	201.0	48.0	2.0	918.0
1931	49.0	0.0	0.0	26.0	39.0	112.0	254.0	137.0	118.0	0.0	75.0	0.0	810.0
1932	0.0	2.0	0.0	14.0	83.0	155.0	199.0	161.0	36.0	18.0	0.0	51.0	719.0
1933	81.0	40.0	0.0	0.0	130.0	172.0	74.0	155.0	30.0	14.0	0.0	4.0	700.0
1934	6.0	0.0	16.0	0.0	380.0	210.0	49.0	28.0	44.0	76.0	43.0	0.0	852.0
1935	0.0	0.0	0.0	4.0	42.0	139.0	90.0	68.0	31.0	71.0	0.0	0.0	445.0
1936	0.0	0.0	0.0	52.0	266.0	128.0	115.0	89.0	81.0	0.0	3.0	21.0	755.0
1937	0.0	0.0	0.0	0.0	96.0	86.0	173.0	109.0	38.0	73.0	14.0	0.0	589.0
1938	0.0	12.0	55.0	4.0	109.0	98.0	22.0	1.0	0.0	56.0	3.0	0.0	360.0
1939	3.0	0.0	0.0	0.0	74.0	136.0	10.0	68.0	10.0	75.0	5.0	19.0	400.0
1940	5.0	17.0	0.0	28.0	35.0	143.0	167.0	10.0	49.0	21.0	32.0	0.0	507.0
1941	0.0	0.0	17.0	178.0	83.0	246.0	350.0	316.0	27.0	25.0	41.0	0.0	1283.0
1942	0.0	0.0	0.0	0.0	73.0	90.0	36.0	262.0	25.0	42.0	59.0	0.0	587.0
1943	0.0	0.0	29.0	28.0	49.0	48.0	63.0	102.0	87.0	24.0	0.0	0.0	428.0
1944	13.0	27.0	0.0	44.0	87.0	189.0	60.0	399.0	15.0	115.0	0.0	0.0	949.0
1945	0.0	59.0	0.0	34.0	7.4	0.0	105.0	102.0	64.0	6.0	0.0	0.0	377.4
1946	3.0	0.0	0.0	28.5	28.2	76.9	86.0	39.0	9.5	22.0	0.0	0.0	293.1
1947	0.0	0.0	0.0	6.0	63.0	157.5	55.1	141.5	2.5	48.0	0.0	0.0	473.6
1948	0.0	0.0	18.0	71.0	104.5	49.0	397.0	22.0	102.0	27.5	0.0	0.0	791.0
1949	0.0	0.0	5.0	0.0	324.1	79.0	24.5	58.5	7.0	0.0	0.0	1.5	499.6
1950	0.0	0.0	7.0	113.5	146.0	49.0	0.0	117.5	88.0	72.0	62.5	0.0	655.5
1951	0.0	0.0	0.0	28.5	115.0	168.2	151.6	23.6	104.5	0.0	6.5	0.0	597.9
1952	0.0	5.0	0.0	0.0	174.6	190.0	55.8	53.5	63.1	65.0	11.4	0.0	618.4
1953	6.5	0.0	1.5	50.5	223.5	90.6	182.5	378.5	262.0	48.0	0.0	0.0	1243.6
1954	0.0	5.0	0.0	80.5	107.0	154.4	114.0	23.0	24.0	14.5	0.0	0.0	522.4
1955	0.0	0.0	22.0	35.0	93.0	145.5	32.5	64.5	24.5	51.5	5.0	0.5	454.0
1956	22.5	0.0	119.5	21.5	52.0	5.0	102.5	124.5	14.5	5.0	15.0	5.0	487.0
1957	1.0	0.0	0.0	10.0	229.0	34.0	110.5	65.5	36.0	7.5	1.0	58.0	552.5
1958	0.0	0.0	0.0	0.0	151.0	284.5	16.5	113.5	30.0	4.5	19.5	0.0	619.5
1959	0.0	0.0	17.0	108.5	88.5	185.0	76.5	100.0	68.5	36.0	0.0	0.0	680.0
1960	0.0	0.0	0.0	0.0	44.0	177.9	106.8	46.0	17.0	18.9	0.0	0.0	410.6
1961	13.5	0.0	40.0	0.0	46.5	188.5	56.0	168.0	109.5	44.0	0.0	11.0	677.0

ANO	ENE	FEV	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1962	0.0	0.0	0.0	2.5	51.0	287.6	26.0	45.0	25.5	57.0	0.0	0.5	495.1
1963	0.0	0.0	9.0	4.5	55.0	169.5	292.0	271.5	178.7	38.0	21.5	0.0	1029.7
1964	0.0	0.0	0.0	1.0	0.0	148.0	51.0	88.0	0.0	6.0	0.0	16.0	316.0
1965	-1.0	-1.0	-1.0	70.0	90.0	20.0	222.0	321.0	28.0	33.0	3.0	21.0	-1.0
1966	0.0	0.0	0.0	46.0	-1.0	217.0	193.0	151.0	7.0	1.9	0.0	29.0	-1.0
1968	0.0	0.0	-1.0	-1.0	-1.0	10.0	16.0	34.2	68.2	0.0	12.8	0.0	-1.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	144.1
MAX	81.0	59.0	119.5	178.0	380.0	561.0	397.0	399.0	322.0	201.0	93.5	58.0	1283.0
PROM	4.6	3.5	8.4	27.3	112.7	141.1	112.2	109.3	62.6	30.6	13.2	5.7	619.1
DESV	13.7	10.4	19.5	37.8	94.3	95.2	95.5	95.4	72.2	35.9	22.4	12.7	245.9
CV	3.0	3.0	2.3	1.4	0.8	0.7	0.9	0.9	1.2	1.2	1.7	2.2	0.4

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

 ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 60 SAN BERNARDC SEMINAR
 LAT 3335 LON 7043 ALT 573 (MTS)

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1912	0.0	0.0	0.0	16.5	126.4	157.7	0.0	68.4	7.3	0.0	0.0	0.0	376.3
1913	0.0	0.0	0.0	0.0	0.0	29.6	5.3	123.4	53.6	29.7	0.0	0.0	241.6
1914	0.0	0.0	0.0	3.6	73.5	116.6	143.7	83.4	164.5	67.5	30.6	0.0	683.4
1915	0.0	0.0	0.0	30.7	184.2	114.2	19.6	-1.0	3.8	0.0	2.2	-1.0	-1.0
1916	-1.0	-1.0	11.9	11.7	11.9	9.2	73.6	34.2	24.5	0.0	14.0	-1.0	-1.0
1917	0.0	0.0	0.0	26.7	22.1	-1.0	7.2	8.2	43.5	0.0	0.0	0.0	-1.0
1918	0.0	0.0	6.4	37.7	41.8	69.1	31.2	35.4	191.1	3.7	44.7	0.0	461.1
1919	1.6	0.0	0.0	85.8	280.2	151.5	231.9	18.7	24.2	7.8	0.9	0.0	802.6
1920	0.0	0.0	0.0	0.3	124.1	124.0	53.0	21.1	3.6	6.8	20.0	16.9	369.8
1921	0.0	0.0	5.0	35.6	291.9	88.7	0.7	57.7	30.3	2.4	0.1	0.0	512.4
1922	1.3	0.0	0.7	0.0	34.1	202.4	56.7	85.6	36.1	22.5	0.9	0.0	440.3
1923	0.0	0.0	0.1	0.3	7.5	89.7	107.5	76.0	6.8	53.2	5.3	0.2	346.6
1924	0.0	0.0	18.8	0.7	2.4	16.3	10.9	13.5	22.5	1.7	0.0	0.0	86.8
1925	0.0	0.0	0.0	5.0	38.0	11.2	81.8	2.7	157.6	7.8	0.9	0.0	345.0
1926	0.0	0.1	4.7	0.4	86.6	439.1	316.7	60.1	8.7	4.2	0.0	0.0	870.6
1927	0.0	0.0	0.0	0.1	75.8	129.7	138.8	31.4	85.7	4.3	0.7	0.0	466.2
1928	0.0	0.5	0.0	35.0	107.3	173.5	38.5	5.6	8.2	0.3	0.0	0.0	368.9
1929	21.0	0.0	1.0	0.0	73.0	77.0	28.0	170.0	30.0	9.0	0.0	12.0	421.0
1930	0.0	0.0	2.0	14.0	13.0	110.0	117.0	182.0	14.0	91.0	30.0	0.0	573.0
1931	13.0	0.0	0.0	8.0	25.0	84.0	117.0	70.0	46.0	0.0	24.0	0.0	387.0
1932	0.0	1.0	0.0	11.0	50.0	75.0	99.0	110.0	21.0	0.2	0.0	25.0	392.2
1933	48.0	10.0	0.0	0.0	72.0	133.0	47.0	82.0	24.0	8.0	0.0	0.0	424.0
1934	0.0	0.0	1.0	0.0	278.0	179.0	26.0	6.0	20.0	41.0	9.0	0.0	560.0
1935	0.0	0.0	0.0	1.0	22.0	112.0	42.0	49.0	32.0	43.0	0.0	0.0	301.0
1936	0.0	0.0	0.0	20.0	163.0	74.0	66.0	90.0	19.0	0.0	4.0	15.0	451.0
1937	0.0	0.0	0.0	0.0	61.0	88.0	130.0	86.0	45.0	23.0	6.0	0.0	439.0
1938	0.0	9.0	33.0	3.0	56.0	52.0	31.0	1.0	0.5	14.0	0.0	0.0	199.5
1939	0.0	0.0	0.0	0.0	82.0	109.0	20.0	45.0	20.0	41.0	0.1	41.0	358.1
1940	0.0	14.0	0.0	14.0	36.0	71.0	198.0	18.0	15.0	5.0	7.0	0.0	378.0
1941	0.0	0.0	11.0	93.0	132.0	144.0	173.0	218.0	8.0	13.0	35.0	0.0	827.0
1942	0.0	0.0	0.0	0.0	35.0	88.0	83.0	177.0	18.0	21.0	49.0	0.0	471.0
1943	0.0	0.0	16.0	7.0	32.0	28.0	26.0	33.0	36.0	20.0	0.0	0.0	198.0
1944	24.0	19.0	0.0	15.0	73.8	133.0	21.5	233.0	3.0	37.8	0.0	0.0	560.1
1945	0.0	82.8	0.0	25.5	7.8	0.0	49.5	78.0	30.0	2.0	0.0	0.0	275.6
1946	0.0	0.0	0.0	13.7	21.5	39.0	43.5	21.0	0.0	19.0	0.0	0.0	157.7
1947	0.0	0.0	4.4	17.0	31.5	111.5	24.0	61.0	6.0	22.0	0.0	0.0	277.4
1948	0.0	0.0	2.5	50.0	84.0	46.0	163.5	12.3	20.9	10.5	0.0	0.0	389.7
1949	0.0	0.0	15.0	0.0	252.0	53.0	22.0	38.5	0.0	0.0	0.0	0.0	380.5
1950	0.0	0.0	7.0	74.0	104.0	32.0	0.0	50.0	39.5	12.0	32.6	0.0	351.1
1951	0.0	0.0	0.0	16.5	97.5	103.0	82.0	7.0	42.5	0.0	0.0	0.0	348.5
1952	0.0	1.6	0.0	0.0	117.6	125.4	56.9	27.0	46.1	17.7	8.9	0.0	401.2
1953	12.8	0.0	0.0	40.6	100.8	34.0	114.0	243.8	132.7	17.4	0.0	0.0	696.1
1954	0.0	3.0	0.0	56.8	71.3	91.9	79.8	11.8	15.4	0.0	0.0	0.0	330.0
1955	0.0	0.0	0.0	16.6	49.1	79.9	72.1	24.2	6.9	26.4	1.4	2.5	279.1
1956	10.7	0.0	39.9	28.9	43.8	4.9	93.5	103.9	3.8	10.2	3.5	0.0	343.1
1957	2.3	0.0	0.0	0.0	173.2	31.8	47.2	31.0	18.0	0.0	0.0	22.6	326.1
1958	0.0	0.0	2.0	0.0	77.7	191.2	31.1	76.3	14.6	2.8	4.1	0.0	399.8
1959	0.0	0.0	12.3	64.6	59.9	117.6	67.1	54.0	23.0	2.5	0.0	0.0	401.0
1960	0.0	0.0	0.0	0.0	24.0	132.2	90.6	35.1	3.7	6.0	0.0	0.0	291.6
1961	2.0	0.0	16.0	0.0	25.0	100.0	26.0	90.0	29.0	19.0	-1.0	19.0	-1.0

ANC	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1962	0.0	0.0	0.0	0.0	13.0	183.0	24.0	20.0	11.0	11.0	0.0	0.0	262.0
1963	0.0	0.0	3.0	12.0	33.0	51.0	170.0	105.0	106.0	27.0	7.0	0.0	514.0
1964	0.0	0.0	0.0	6.0	0.0	71.0	33.0	67.0	0.0	0.0	0.0	-1.0	-1.0
1965	0.0	0.0	0.0	48.0	73.0	15.0	130.0	196.0	4.0	19.0	11.0	18.0	514.0
1966	0.0	0.0	0.0	48.0	8.0	161.0	129.0	46.0	0.3	3.0	19.0	16.0	430.0
1967	0.0	0.0	1.2	0.0	17.0	40.0	70.0	35.0	38.0	12.0	0.0	0.0	213.2
1968	0.0	0.0	0.0	19.3	0.0	7.0	0.0	5.8	28.3	0.0	0.0	0.0	60.4
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	60.4
MAX	48.0	82.8	39.9	93.0	291.9	439.1	316.7	243.8	197.6	91.0	49.0	41.0	870.6
PROM	2.4	2.5	3.8	17.8	73.3	94.2	75.0	65.4	32.6	13.8	6.6	3.5	403.0
DESV	7.9	11.5	8.0	23.1	71.3	71.0	63.3	60.6	43.7	18.1	12.1	8.4	165.8
CV	3.2	4.6	2.1	1.3	1.0	0.8	0.8	0.9	1.3	1.3	1.8	2.4	0.4

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

 ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 62 LAS MAJADAS
 LAT 3335 LON 7132

 ANO ENE FEB MAR ABR MAY JUN JUL AG SEP OCT NOV DIC TOT

 1965 0.0 0.0 0.0 18.0 58.0 22.0 289.0 316.0 1.0 39.0 13.0 7.0 763.0
 1966 0.0 0.0 1.0 58.0 22.0 315.0 98.0 60.0 8.0 10.0 0.5 24.0 596.0
 1967 0.0 0.0 0.0 5.8 63.0 41.0 115.0 28.0 -1.0 1.8 5.1 0.0 -1.0
 1968 0.0 0.0 0.0 9.7 -1.0 17.5 8.5 32.5 28.4 0.0 0.0 -1.0 -1.0

PRECIPITACIONES (MM)

ZONA 4

HOYA 308 MAIPO

SUP 14911 (KM2)

456.

EST 65 RIO COLORADO

LAT 3336 LON 7023 ALT 910 (MTS)

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1941	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	32.0	37.0	96.0	0.0	-1.0
1942	0.0	0.0	0.0	0.0	22.0	132.0	113.0	213.0	30.0	11.0	68.0	0.0	640.0
1943	0.0	0.0	50.0	4.0	52.0	57.0	57.0	55.0	49.0	28.0	0.0	0.0	352.0
1944	12.0	40.0	0.0	11.0	81.0	264.0	33.0	397.0	11.0	69.0	0.0	0.0	918.0
1945	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1946	0.0	0.0	0.0	25.0	37.0	26.0	77.0	29.0	16.0	41.0	0.0	0.0	251.0
1947	0.0	0.0	5.0	1.0	44.0	174.0	25.0	101.0	0.0	29.0	0.3	0.0	379.3
1948	0.0	0.0	7.0	70.0	89.0	64.0	428.0	40.0	70.0	10.0	0.0	0.0	778.0
1949	0.0	0.0	11.0	0.0	82.0	35.0	40.0	53.0	8.0	0.0	0.0	7.0	236.0
1950	0.0	0.0	0.0	21.0	122.0	31.0	0.0	137.0	63.0	38.0	68.0	0.0	480.0
1951	0.0	0.0	0.0	8.0	84.0	166.0	132.0	51.0	72.0	0.0	0.0	0.0	513.0
1952	0.0	8.0	0.0	0.0	180.0	29.0	85.0	39.0	77.0	62.0	0.0	0.0	480.0
1953	0.0	0.0	10.0	26.0	241.0	80.0	100.0	570.0	105.0	58.0	0.0	0.0	1190.0
1954	0.0	0.0	12.0	-1.0	-1.0	128.0	90.0	-1.0	30.0	0.0	-1.0	-1.0	-1.0
1955	0.0	0.0	3.0	0.0	140.0	241.0	3.5	155.0	38.0	13.0	29.0	0.0	467.5
1956	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1957	-1.0	0.0	48.0	0.3	61.0	204.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1958	0.2	0.0	1.0	3.0	31.0	249.0	66.0	178.0	52.0	0.0	0.0	12.0	-1.0
1959	0.0	17.0	29.0	17.0	43.0	237.0	33.0	51.0	39.0	162.0	0.0	16.0	585.2
1960	0.0	0.0	15.0	0.0	0.0	147.0	195.0	254.0	354.0	205.0	82.0	0.0	1433.0
1961	0.0	0.0	0.0	97.0	62.0	30.0	61.0	136.0	0.0	0.0	0.0	66.0	425.0
1962	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	81.0	92.0	12.0	27.0	8.0	21.0	430.0
1963	0.0	0.0	4.2	5.2	54.0	55.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1964	0.0	0.0	5.4	10.1	0.0	-1.0	45.0	6.4	18.0	27.0	34.0	0.0	248.8
1965	0.0	0.0	0.0	0.0	0.0	0.0	8.3	28.0	36.0	0.0	-1.0	-1.0	-1.0
1966	0.0	0.0	0.0	0.0	0.0	26.0	0.0	6.4	0.0	0.0	0.0	0.0	236.0
1967	12.0	40.0	50.0	133.0	241.0	264.0	428.0	570.0	354.0	205.0	96.0	66.0	1433.0
1968	0.6	3.2	10.0	21.6	75.2	124.7	81.4	132.2	53.0	38.9	19.3	6.1	576.9
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0
MAX	12.0	40.0	50.0	133.0	241.0	264.0	428.0	570.0	354.0	205.0	96.0	66.0	1433.0
PROM	0.6	3.2	10.0	21.6	75.2	124.7	81.4	132.2	53.0	38.9	19.3	6.1	576.9
DESV	2.7	9.3	14.8	36.3	59.0	83.4	92.0	140.3	74.3	53.1	32.3	15.4	332.5
CV	4.4	2.9	1.5	1.7	0.8	0.7	1.1	1.1	1.4	1.4	1.7	2.5	0.6

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4

HOYA 308 MAIPO

SUP 14911 (KM2)

EST 66 MALLOCO

LAT 3236 LON 7052 ALT 407 (MTS)

457.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1932	0.0	0.0	0.0	16.5	38.0	90.7	94.9	142.0	17.7	6.7	0.0	0.0	466.5
1933	55.0	10.0	0.0	0.0	47.0	118.0	47.0	88.0	19.0	9.0	0.0	0.0	393.0
1934	0.0	0.0	2.0	0.0	245.0	199.0	16.0	17.0	5.0	21.0	12.0	1.0	518.0
1935	0.0	0.0	0.0	2.0	35.0	102.0	39.0	37.0	17.0	29.0	0.2	0.0	261.2
1936	0.0	0.0	0.0	15.0	173.0	56.0	70.0	84.0	12.0	0.0	0.0	12.0	422.0
1937	0.0	0.0	0.0	0.0	64.0	71.0	90.0	86.0	19.0	4.0	0.0	0.0	334.0
1938	0.0	4.0	30.0	0.0	62.0	37.0	33.0	6.0	0.0	14.0	0.0	0.0	186.0
1939	0.0	0.0	0.0	0.0	60.0	107.0	20.0	46.0	22.0	27.0	0.0	40.0	322.0
1940	0.0	21.0	0.0	12.0	34.0	80.0	221.0	14.0	7.0	22.0	4.0	0.0	415.0
1941	0.0	0.0	17.0	95.0	99.0	142.0	170.0	190.0	0.0	20.0	27.0	0.0	768.0
1942	0.0	0.0	0.0	0.0	38.0	77.0	92.0	159.0	16.0	23.0	44.0	0.0	449.0
1943	0.0	0.0	15.0	2.0	41.0	42.0	44.0	25.0	10.0	20.0	0.0	0.0	199.0
1944	13.0	9.0	0.0	14.0	65.0	185.0	22.0	219.0	2.0	22.5	0.0	0.0	551.5
1945	0.0	75.0	0.0	22.5	6.0	0.0	39.5	72.5	21.0	5.5	1.5	0.0	243.5
1946	2.0	0.0	0.0	4.0	19.0	38.0	50.0	25.5	3.0	14.0	0.0	0.0	155.5
1947	0.0	0.0	0.0	8.0	21.0	101.5	22.0	64.0	9.0	16.0	0.0	0.0	241.5
1948	0.0	0.0	0.0	49.0	100.0	40.5	229.0	10.0	12.0	3.0	0.0	0.0	443.5
1949	0.0	0.0	11.0	0.0	224.0	71.0	30.0	32.0	5.0	0.0	0.0	0.0	373.0
1950	0.0	0.0	8.0	95.0	110.0	13.0	0.0	54.0	30.0	11.0	25.0	0.0	346.0
1951	0.0	0.0	0.0	18.0	89.0	115.5	125.8	14.0	36.8	0.0	0.0	0.0	393.1
1952	0.0	0.0	0.0	0.0	107.5	130.8	90.2	22.2	26.5	15.1	0.0	0.0	392.3
1953	15.2	0.0	9.8	29.0	135.7	18.9	111.8	194.3	136.2	13.9	0.0	0.0	664.8
MIN	0.0	0.0	0.0	0.0	6.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	155.5
MAX	55.0	75.0	30.0	95.0	245.0	199.0	229.0	219.0	136.2	29.0	44.0	40.0	768.0
PROM	3.9	5.4	4.2	17.4	82.4	83.4	75.3	72.8	19.4	13.5	5.2	2.4	388.1
DESV	12.1	16.4	7.9	28.0	64.1	52.5	63.5	66.3	27.9	9.0	11.7	8.8	150.8
CV	3.1	3.0	1.9	1.6	0.8	0.6	0.8	0.9	1.4	0.7	2.3	3.6	0.4

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

 ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 68 PUENTE ALTO
 LAT 3337 LON 7035 ALT 713 (MTS)

458.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1918	-1.0	-1.0	5.5	36.7	48.2	88.3	-1.0	-1.0	223.6	3.3	37.3	4.5	-1.0
1919	0.6	0.0	5.5	80.9	277.2	-1.0	-1.0	26.3	25.7	10.4	-1.0	-1.0	-1.0
1920	0.0	0.0	0.0	0.0	131.0	163.2	21.6	19.7	14.5	7.8	13.5	26.5	397.8
1921	0.0	0.0	0.0	21.8	331.7	119.5	0.0	72.2	19.0	2.6	0.0	0.0	566.8
1922	0.0	0.0	4.2	0.0	26.8	204.1	48.6	64.1	43.0	37.4	0.0	0.0	428.2
1923	3.4	0.0	0.0	0.0	7.3	81.5	136.8	101.2	11.6	69.7	9.6	2.3	423.4
1924	0.0	0.0	20.1	0.0	0.0	20.4	13.1	17.0	25.8	0.0	0.0	0.0	96.4
1925	0.0	0.0	0.0	0.0	44.5	11.4	74.2	2.1	199.6	4.5	0.0	0.0	336.3
1926	0.0	0.0	0.0	2.2	48.0	404.9	383.4	72.0	8.7	13.5	0.0	0.0	932.7
1927	0.0	0.0	0.0	0.0	130.6	84.4	153.9	35.3	106.5	0.0	0.0	0.0	510.7
1928	0.0	0.0	0.0	13.5	130.4	225.1	39.5	4.8	11.3	0.0	0.0	0.0	424.6
1929	25.0	0.0	0.0	0.0	86.0	77.0	26.0	233.0	38.0	9.0	0.0	23.0	517.0
1930	0.0	0.0	4.0	13.0	20.0	76.0	166.0	192.0	29.0	152.0	35.0	0.0	687.0
1931	29.0	3.0	0.0	11.0	27.0	85.0	190.0	97.0	59.0	0.0	44.0	0.0	545.0
1932	0.0	0.4	0.0	11.0	62.0	118.0	130.0	133.0	31.0	6.0	0.0	30.0	521.4
1933	52.0	29.0	0.0	0.0	96.0	159.0	60.0	97.0	34.0	6.0	0.0	0.0	533.0
1934	0.0	0.0	3.0	0.0	350.0	212.0	23.0	23.0	39.0	72.0	2.0	0.0	724.0
1935	0.0	0.0	0.0	7.0	29.0	124.0	51.0	42.0	41.0	61.0	0.0	0.0	355.0
1936	0.0	0.0	0.0	47.0	161.0	80.0	74.0	84.0	35.0	0.0	0.0	8.0	489.0
1937	0.0	0.0	0.0	0.0	37.0	83.0	152.0	117.0	62.0	31.0	7.0	0.0	489.0
1938	0.0	0.0	44.0	8.0	69.0	62.0	46.0	5.0	3.0	23.0	4.0	0.0	264.0
1939	0.0	0.0	0.0	0.0	89.0	118.0	6.0	71.0	21.0	41.0	3.0	47.0	396.0
1940	5.0	24.0	0.0	28.0	46.0	98.0	201.0	14.0	30.0	15.0	3.0	0.0	464.0
1941	0.0	0.0	8.0	137.0	116.0	164.0	235.0	273.0	22.0	21.0	45.0	0.0	1021.0
1942	0.0	0.0	0.0	0.0	55.0	176.0	132.0	180.0	21.0	35.0	71.0	0.0	670.0
1943	0.0	0.0	26.0	15.0	44.0	37.0	40.0	47.0	63.0	27.0	0.0	0.0	299.0
1944	20.0	29.0	0.0	22.3	75.6	167.2	30.0	284.3	5.1	46.0	0.0	0.0	679.5
1945	0.0	94.5	3.0	26.3	7.9	0.0	61.7	108.5	44.5	0.0	0.3	0.0	346.7
1946	0.0	0.0	0.0	20.0	26.0	42.0	52.0	30.0	2.0	21.4	0.0	0.0	193.4
1947	0.0	0.0	2.0	0.0	38.0	123.0	40.0	95.0	0.0	28.0	0.0	0.0	326.0
1948	0.0	0.0	3.0	68.0	70.0	41.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1949	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1954	0.0	0.0	0.0	-1.0	-1.0	124.0	95.0	38.0	-1.0	7.9	0.0	0.0	-1.0
1955	0.0	0.0	0.0	14.0	82.0	145.0	41.0	37.0	16.0	42.0	6.0	0.0	413.0
1956	16.0	0.0	69.0	20.0	59.0	4.0	99.0	128.0	16.0	2.0	0.0	2.0	445.0
1957	4.0	0.0	0.0	4.0	139.0	32.0	76.0	44.0	26.0	31.0	0.0	32.0	388.0
1958	0.0	0.0	1.0	0.0	118.0	211.0	24.0	151.0	29.0	3.0	13.0	0.0	550.0
1959	0.0	0.0	22.0	115.0	86.0	126.0	80.0	85.0	32.0	26.0	0.0	0.0	572.0
1960	0.0	0.0	0.0	0.0	57.0	160.0	70.0	26.0	12.0	9.0	0.0	0.0	334.0
1961	10.0	0.0	35.0	0.0	45.0	146.0	34.0	160.0	66.0	36.0	0.0	14.0	536.0
1962	0.0	0.0	0.0	0.0	32.0	297.0	31.0	13.0	18.0	30.0	0.0	0.0	421.0
1963	0.0	0.0	9.0	2.0	39.0	71.0	242.0	180.0	42.0	21.5	0.0	0.0	606.5
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	96.4
MAX	52.0	94.5	69.0	137.0	350.0	404.9	383.4	284.3	223.6	152.0	71.0	47.0	1021.0
PROM	4.1	4.5	6.4	18.1	83.4	119.0	88.9	87.2	39.1	23.8	7.5	4.9	483.8
DESV	10.5	16.3	14.2	31.2	79.1	80.9	80.6	74.0	45.8	28.4	16.2	11.2	180.7
CV	2.5	3.6	2.2	1.7	0.9	0.7	0.9	0.8	1.2	1.2	2.2	2.3	0.4

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONECIDOS

PRECIPITACIONES (MM)

ZONA 4

HCOYA 308 MAIPO
EST 70 SAN JUAN FDC
LAT 3338 LON 7135

SUP 14911 (KM2)

459.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1910	0.0	0.0	13.0	28.0	6.0	126.0	86.0	51.0	15.0	0.0	2.0	0.0	327.0
1911	0.0	0.0	0.0	44.0	59.0	90.0	47.0	17.0	47.0	0.0	0.0	15.0	319.0
1912	0.0	0.0	0.0	36.0	175.0	112.0	5.0	82.0	19.0	0.0	0.0	0.0	429.0
1913	0.0	0.0	0.0	0.0	57.0	41.0	119.0	16.0	40.0	0.0	0.0	0.0	273.0
1914	0.0	0.0	0.0	6.0	126.0	235.0	324.0	105.0	137.0	78.0	18.0	0.0	1029.0
1915	0.0	0.0	1.0	53.0	41.0	90.0	40.0	10.0	7.0	0.0	0.0	0.0	242.0
1916	3.0	0.0	24.0	18.0	13.0	8.0	61.0	22.0	46.0	0.0	41.0	0.0	236.0
1917	0.0	0.0	0.0	6.0	58.0	204.0	12.0	30.0	43.0	0.0	0.0	0.0	353.0
1918	0.0	0.0	9.0	43.0	20.0	177.0	29.0	44.0	84.0	0.0	17.0	0.0	423.0
1919	0.0	0.0	1.0	70.0	284.0	171.0	173.0	33.0	33.0	11.0	0.0	0.0	776.0
1920	0.0	0.0	0.0	0.0	182.0	162.0	21.0	13.0	4.0	15.0	6.0	0.0	403.0
1921	0.0	0.0	5.0	27.0	310.0	102.0	4.0	42.0	2.0	5.0	0.0	0.0	497.0
1922	0.0	0.0	5.0	2.0	32.0	336.0	101.0	116.0	45.0	29.0	0.0	0.0	666.0
1923	0.0	0.0	0.0	0.0	2.0	146.0	181.0	90.0	2.0	43.0	11.0	0.0	475.0
1924	0.0	0.0	10.0	0.0	0.0	24.0	12.0	29.0	9.0	0.0	0.0	0.0	84.0
1925	0.0	0.0	0.0	15.0	18.0	12.0	128.0	4.0	179.0	0.0	0.0	0.0	356.0
1926	0.0	0.0	10.0	0.0	53.0	467.0	358.0	73.0	18.0	0.0	0.0	0.0	979.0
1927	0.0	0.0	0.0	0.0	168.0	307.0	92.0	28.0	110.0	12.0	8.0	0.0	725.0
1928	0.0	7.0	0.0	80.0	180.0	226.0	86.0	16.0	8.0	4.0	0.0	0.0	607.0
1929	26.0	0.0	0.0	0.0	90.0	117.0	14.0	232.0	45.0	5.0	0.0	0.0	529.0
1930	0.0	0.0	0.0	39.0	16.0	214.0	159.0	209.0	17.0	38.0	25.0	5.0	722.0
1931	36.0	2.0	0.0	8.0	16.0	148.0	131.0	110.0	71.0	5.0	0.0	0.0	527.0
1932	0.0	0.0	6.0	4.0	51.0	163.0	155.0	129.0	11.0	0.0	0.0	0.0	519.0
1933	65.0	5.0	0.0	0.0	73.0	151.0	68.0	50.0	16.0	20.0	0.0	0.0	448.0
1934	0.0	0.0	0.0	0.0	228.0	277.0	11.0	10.0	14.0	23.0	7.0	0.0	570.0
1935	0.0	0.0	0.0	4.0	68.0	124.0	65.0	34.0	20.0	32.0	4.0	0.0	351.0
1936	0.0	0.0	0.0	29.0	165.0	55.0	113.0	92.0	30.0	2.0	0.0	11.0	497.0
1937	0.0	0.0	0.0	0.0	64.0	122.0	144.0	142.0	7.0	27.0	0.0	0.0	506.0
1938	0.0	2.0	40.0	0.0	73.0	85.0	79.0	5.0	10.0	25.0	7.0	0.0	326.0
1939	0.0	0.0	0.0	0.0	41.0	256.0	17.0	127.0	8.0	45.0	0.0	27.0	521.0
1940	0.0	27.0	0.0	25.0	48.0	190.0	362.0	13.0	38.0	66.0	0.0	0.0	769.0
1941	0.0	0.0	44.0	52.0	166.0	177.0	306.0	407.0	0.0	9.0	27.0	0.0	1188.0
1942	0.0	0.0	0.0	1.0	55.0	84.0	67.0	139.0	7.0	0.0	0.0	0.0	353.0
MIN	0.0	0.0	0.0	0.0	0.0	8.0	4.0	4.0	0.0	0.0	0.0	0.0	84.0
MAX	65.0	27.0	44.0	80.0	310.0	467.0	362.0	407.0	179.0	78.0	41.0	27.0	1188.0
PROM	3.9	1.3	5.1	17.9	89.0	157.5	108.2	76.4	34.6	15.0	5.2	1.8	515.9
DESV	13.3	4.9	10.9	22.8	82.2	98.1	101.2	83.6	40.8	20.3	9.8	5.6	239.3
CV	3.4	3.7	2.1	1.3	0.9	0.6	0.9	1.1	1.2	1.4	1.9	3.2	0.5

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)													
EST 71 SAN JOSE DE MAIPO													
LAT 3339 LON 7022 ALT 1060 (MTS)													

ANO	JAN	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT

1912	0.0	0.0	10.0	38.0	209.0	292.0	18.9	112.0	0.0	62.8	4.0	0.0	746.7
1913	9.7	3.5	3.3	24.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1914	0.0	0.0	0.0	20.4	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1918	-1.0	-1.0	10.3	53.5	88.0	86.0	50.1	58.6	158.5	0.0	78.7	8.2	-1.0
1919	2.7	0.0	2.0	139.6	347.4	203.2	254.7	61.5	66.0	12.5	9.0	0.0	1098.6
1920	0.0	0.0	0.0	0.0	218.7	239.5	-1.0	-1.0	3.5	16.0	12.0	32.0	-1.0
1921	0.0	0.0	12.0	16.0	455.2	97.1	0.0	106.0	18.0	14.0	0.0	0.0	718.3
1922	3.5	0.0	12.0	0.0	39.0	266.0	68.0	105.0	53.0	72.0	0.0	0.0	618.5
1923	2.0	0.0	0.0	0.0	4.0	110.0	186.0	105.0	4.0	77.7	4.0	0.0	492.7
1924	0.0	0.0	22.0	1.0	0.0	22.0	14.0	24.0	22.0	0.0	0.0	0.0	105.0
1925	0.0	6.0	0.0	10.0	42.0	19.0	71.0	23.0	298.0	6.0	0.0	0.0	475.0
1926	23.0	0.0	2.0	0.0	71.0	631.0	418.0	53.0	5.0	0.0	0.0	0.0	1203.0
1927	0.0	16.0	7.0	1.0	202.0	127.0	186.0	63.0	124.0	20.0	3.0	0.0	749.0
1928	0.0	0.0	0.0	28.0	131.0	214.0	25.0	12.0	0.0	0.0	0.0	0.0	410.0
1929	26.0	0.0	0.0	0.0	94.0	78.0	25.0	275.0	36.0	1.0	0.0	19.0	554.0
1930	0.0	0.0	1.0	45.0	57.0	168.0	197.0	195.0	38.0	174.0	40.0	3.0	918.0
1931	10.0	0.0	0.0	55.0	39.0	111.0	225.0	81.0	80.0	0.0	50.0	0.0	651.0
1932	0.0	5.0	0.0	11.0	56.0	114.0	182.0	141.0	13.0	23.0	0.0	70.0	615.0
1933	90.0	41.0	0.0	0.0	122.0	173.0	46.0	138.0	28.0	11.0	0.0	0.0	649.0
1934	0.0	0.0	38.0	0.0	483.0	293.0	12.0	14.0	18.0	32.0	7.0	0.0	897.0
1935	0.0	0.0	0.0	1.0	29.0	107.0	61.0	40.0	30.0	41.0	0.0	0.0	309.0
1936	0.0	0.0	0.0	39.0	216.0	96.0	78.0	73.0	45.0	1.0	0.0	8.0	542.0
1937	0.0	0.0	0.0	0.0	102.0	83.0	210.0	142.0	27.0	13.0	16.0	0.0	593.0
1938	0.0	8.0	39.0	15.0	84.0	43.0	53.0	2.0	6.0	12.0	0.0	0.0	262.0
1939	7.0	0.0	0.0	0.0	112.0	119.0	37.0	69.0	8.0	61.0	5.0	39.0	452.0
1940	1.0	22.0	0.0	24.0	77.0	114.0	236.0	30.0	44.0	46.0	13.0	0.0	607.0
1941	0.0	0.0	34.0	255.0	145.0	156.0	353.0	325.0	12.0	51.0	76.0	0.0	1407.0
1942	0.0	0.0	0.0	1.0	76.0	146.0	97.0	201.0	21.0	9.0	50.0	0.0	601.0
1943	0.0	0.0	39.0	3.0	70.0	62.0	71.0	58.0	45.0	25.0	0.0	1.0	374.0
1944	10.0	40.0	0.0	16.0	84.0	250.0	30.0	311.0	7.0	64.0	0.0	0.0	820.0
1945	0.0	83.5	0.0	44.0	3.5	3.9	67.2	32.9	60.0	6.8	6.4	0.0	308.2
1946	5.5	0.0	0.0	8.2	75.0	39.0	68.1	23.0	11.3	23.5	0.0	0.0	253.6
1947	0.0	0.0	2.0	2.0	40.7	190.7	37.6	101.5	0.0	9.0	3.5	0.0	387.0
1948	0.0	0.0	8.0	57.4	88.8	58.4	316.0	29.0	99.7	6.5	0.0	0.0	663.8
1949	0.0	0.0	14.7	0.0	326.0	59.2	14.6	48.6	6.2	0.0	0.0	3.8	473.1
1950	0.0	0.0	7.3	22.6	257.7	24.4	0.0	83.5	79.9	19.9	55.9	0.0	551.2
1951	0.0	0.0	0.0	15.0	125.8	139.1	205.9	20.6	58.1	0.0	6.0	0.0	570.5
1952	0.0	10.0	0.5	0.0	186.6	158.0	52.0	43.0	69.0	60.0	10.0	0.0	589.1
1953	0.0	0.0	3.0	27.0	193.0	72.0	151.0	391.0	200.7	41.4	0.0	0.0	1079.1
1954	0.0	0.2	0.0	55.2	108.3								
MIN	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
MAX	90.0	83.5	39.0	255.0	483.0	631.0	418.0	391.0	298.0	174.0	78.7	70.0	1407.0
PROM	4.9	6.0	6.7	25.7	133.1	136.1	111.3	97.2	47.1	26.6	11.8	4.8	604.5
DESV	15.2	16.1	11.6	45.9	115.6	114.3	108.2	95.4	61.6	34.0	21.6	13.8	293.3
CV	3.1	2.7	1.7	1.8	0.9	0.8	1.0	1.0	1.3	1.3	1.8	2.9	0.5

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4 HCYA 308 MAIPO SUP 14911 (KM2)

EST 73 RETEN LOS MORROS

LAT 3339 LON 7113 ALT 580 (MIS)

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1964	0.0	0.0	0.0	0.5	0.0	80.0	25.0	78.0	0.0	0.0	0.0	25.0	208.5
1965	0.0	0.0	0.0	54.0	56.0	18.0	128.0	184.0	5.0	18.0	11.0	18.0	491.0
1966	0.0	0.0	0.0	46.0	8.0	162.0	109.0	47.0	3.0	7.0	17.0	13.0	412.0
1967	0.5	0.0	0.0	2.0	21.0	38.0	76.0	32.0	41.0	13.0	0.0	0.0	233.5
1968	0.0	0.0	3.0	17.0	0.0	8.5	0.5	7.5	32.0	1.5	-1.0	0.0	-1.0
MIN	0.0	0.0	0.0	0.5	0.0	8.5	0.5	7.5	0.0	0.0	0.0	0.0	208.5
MAX	0.5	0.0	3.0	54.0	56.0	162.0	128.0	184.0	41.0	18.0	17.0	25.0	491.0
PRDM	0.1	0.0	0.6	23.9	17.0	61.3	67.7	69.7	16.2	7.9	7.0	11.2	336.3
DESV	0.2	0.0	1.3	24.8	23.4	62.6	54.2	68.8	18.9	7.6	8.4	11.1	137.3
CV	2.2	-1.0	2.2	1.0	1.4	1.0	0.8	1.0	1.2	1.0	1.2	1.0	0.4

461.

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4

HOYA 308 MAIPO

SUP 14911 (KM2)

EST 75 PIRQUE FDO LO ARCAJA

LAT 3340 LON 7035

462.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1955	-1.0	-1.0	-1.0	-1.0	-1.0	101.0	30.0	30.0	13.5	43.0	0.0	0.0	-1.0
1956	0.0	0.0	72.0	78.0	0.0	3.0	103.5	96.0	13.5	10.0	0.0	0.0	376.0
1957	1.5	0.0	0.0	0.0	193.0	39.0	68.0	44.0	20.5	0.0	0.0	28.5	394.5
1958	0.0	0.0	0.0	0.0	89.0	246.5	12.5	126.0	12.0	0.0	12.0	0.0	498.0
1959	0.0	0.0	12.5	114.0	81.5	136.0	75.5	62.5	31.0	11.0	0.0	0.0	524.0
1960	0.0	0.0	0.0	0.0	34.0	164.0	74.0	45.0	20.5	3.5	1.0	0.0	342.0
1961	10.0	0.0	25.5	0.0	34.0	138.0	32.0	118.0	43.0	36.0	0.0	6.0	442.5
1962	0.0	0.0	0.0	0.0	30.0	247.0	38.0	30.5	15.0	24.0	0.0	0.0	385.0
1963	0.0	0.0	0.0	1.0	33.0	3.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MIN	0.0	0.0	0.0	0.0	0.0	3.0	12.5	30.0	12.0	0.0	0.0	0.0	342.0
MAX	10.0	0.0	72.0	114.0	193.0	247.0	103.5	126.0	43.0	43.0	12.0	28.5	524.0
PROM	1.4	0.0	13.8	24.1	61.8	119.7	54.2	69.0	21.1	15.9	1.6	4.3	423.1
DESV	3.5	0.0	25.3	45.4	60.4	92.8	30.6	39.0	10.8	16.6	4.2	10.0	67.4
CV	2.4	-1.0	1.8	1.9	1.0	0.8	0.6	0.6	0.5	1.0	2.6	2.3	0.2

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

 ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 78 EL YESC
 LAT 3341 LON 7007 ALT 2475 (MTS)

 ANO ENE FEB MAR ABR MAY JUN JUL AG SEP OCT NOV DIC TOT

 1964 0.0 2.2 21.7 0.0 0.0 95.3 47.3 48.6 4.4 9.2 10.4 37.6 276.7
 1965 29.8 0.0 0.0 87.4 86.7 29.7 193.7 310.9 27.2 27.1 -1.0 87.0 -1.0
 1966 0.0 0.0 0.0 57.3 31.2 94.6 60.7 58.2 0.0 5.0 12.7 9.5 329.2

PRECIPITACIONES (MM)

 ZONA 4 HCYA 308 MAIPO SUP 14911 (KM2)
 EST 79 GUAYACAN
 LAT 3342 LON 7113

 ANO ENE FEB MAR ABR MAY JUN JUL AG SEP OCT NOV DIC EST

 1964 -1.0 -1.0 -1.0 0.0 0.0 86.0 44.0 66.0 1.0 -1.0 -1.0 -1.0 -1.0
 1965 0.0 0.0 0.0 56.0 52.0 22.0 116.0 250.0 25.0 25.0 2.0 24.0 572.0
 1966 0.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 0.8 25.2 -1.0 2.5 0.0 -1.0 -1.0

464.

PRECIPITACIONES (MM)

ZCNA 4

HCYA 308 MAIPO

SUP 14911 (KM2)

465.

EST 80 MELIPILLA

LAT 3342 LON 7113 ALT 169 (MTS)

AND	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1918	0.0	0.0	2.4	74.3	31.8	123.1	36.7	34.9	171.5	0.6	29.2	0.0	498.5
1919	0.0	0.0	0.0	93.5	313.4	129.6	182.5	22.7	32.5	6.3	0.0	0.0	780.5
1920	0.0	0.0	0.0	0.0	127.4	102.1	20.9	14.1	2.9	5.2	8.7	0.0	281.3
1921	0.0	0.0	6.4	23.0	299.8	92.7	5.0	40.7	0.0	3.2	0.0	0.0	470.8
1922	0.0	0.0	1.6	0.0	21.1	229.8	47.3	104.7	38.9	19.0	0.0	0.0	462.4
1923	0.0	0.0	0.0	0.0	4.2	129.7	115.4	89.5	1.5	29.2	0.0	0.0	369.5
1924	0.0	0.0	38.4	0.0	1.2	14.2	13.2	9.8	5.6	0.0	0.0	0.0	82.4
1925	0.0	0.0	0.0	15.6	28.2	19.5	89.5	2.2	181.5	10.7	0.0	0.0	347.2
1926	0.0	5.4	12.0	0.0	62.3	440.4	346.5	58.9	15.6	2.0	0.0	0.0	943.1
1927	0.0	0.0	0.0	0.0	113.5	114.9	95.0	58.0	81.4	1.0	1.0	0.0	464.8
1928	0.0	0.6	0.0	42.7	153.1	178.1	52.5	9.0	17.4	0.2	5.5	0.0	459.1
1929	12.0	0.0	0.0	0.0	57.0	113.0	43.0	218.0	49.0	6.0	0.0	25.0	523.0
1930	0.0	0.0	0.0	42.0	13.0	194.0	151.0	169.0	19.0	59.0	10.0	0.0	657.0
1931	20.0	0.0	0.0	8.0	9.0	111.0	228.0	52.0	14.0	0.0	22.0	0.0	464.0
1932	0.0	1.0	4.0	3.0	33.0	191.0	128.0	132.0	15.0	0.0	0.0	14.0	521.0
1933	49.0	2.0	0.0	0.0	40.0	114.0	69.0	88.0	19.0	9.0	0.0	0.0	390.0
1934	0.0	0.0	0.0	0.0	193.0	286.0	8.0	0.0	28.0	28.0	10.0	0.0	553.0
1935	0.0	0.0	0.0	0.0	80.0	141.0	43.0	36.0	30.0	27.0	0.0	0.0	357.0
1936	0.0	0.0	0.0	33.0	184.0	69.0	130.0	83.0	23.0	0.0	0.0	10.0	532.0
1937	0.0	0.0	0.0	0.0	66.0	155.0	101.0	75.0	25.0	22.0	14.0	0.0	458.0
1938	0.0	0.0	0.0	0.0	94.0	45.0	46.0	0.0	0.0	27.0	3.0	0.0	215.0
1939	0.0	0.0	0.0	0.0	60.0	156.0	29.0	79.0	0.0	49.0	0.0	25.0	398.0
1940	0.0	26.0	0.0	21.0	38.0	136.0	201.0	13.0	20.0	11.0	4.0	0.0	550.0
1941	0.0	15.0	29.0	71.0	156.0	158.0	279.0	232.0	0.0	5.0	47.0	0.0	992.0
1942	0.0	0.0	1.0	0.0	45.0	81.0	145.0	104.0	0.0	39.0	35.0	0.0	450.0
1943	0.0	0.0	7.0	10.0	56.0	69.0	48.0	93.0	14.0	9.0	0.0	0.0	306.0
1944	4.0	11.0	0.0	17.0	75.0	253.0	38.0	219.0	4.0	26.0	0.0	0.0	647.0
1945	0.0	101.0	1.0	13.0	1.0	0.0	31.0	87.0	19.0	13.0	0.0	0.0	266.0
1946	22.0	0.0	0.0	2.0	38.0	69.0	44.0	22.0	6.0	16.0	0.0	0.0	219.0
1947	0.0	0.0	0.0	3.0	13.0	130.0	46.0	50.0	14.0	23.0	0.0	0.0	279.0
1948	0.0	0.0	0.0	48.8	81.7	38.5	188.4	16.2	14.6	23.0	0.0	0.0	411.2
1949	0.0	0.0	15.8	0.0	224.4	69.3	25.5	37.6	0.0	0.0	0.0	12.5	385.1
1950	0.0	0.0	0.0	125.5	108.0	30.0	1.5	91.7	25.6	3.1	28.4	0.0	413.8
1951	0.0	0.0	0.0	22.5	60.0	124.1	221.0	12.0	26.0	0.0	0.0	0.0	465.6
1952	0.0	0.0	0.0	0.0	109.2	140.6	102.1	15.0	19.5	15.1	0.0	0.0	401.5
1953	18.5	0.0	0.0	34.0	142.8	36.2	132.8	179.6	125.5	15.4	0.0	0.0	684.8
1954	0.0	4.0	0.0	54.0	108.5	197.5	77.0	28.0	12.0	0.0	0.0	0.0	481.0
1955	0.0	0.0	0.0	11.0	36.0	103.4	28.3	58.7	0.0	10.0	5.0	29.5	281.9
1956	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1957	0.0	0.0	0.0	0.0	224.0	30.0	40.0	0.5	-1.0	-1.0	-1.0	-1.0	-1.0
MIN	0.0	0.0	0.0	0.0	1.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	82.4
MAX	49.0	101.0	38.4	125.5	313.4	440.4	346.5	232.0	181.5	59.0	47.0	29.5	992.0
PROM	3.2	4.3	3.0	19.7	89.8	123.5	93.1	67.6	28.2	13.5	5.9	3.1	459.5
DESV	9.4	16.7	8.1	29.7	79.3	84.2	81.5	63.7	42.7	14.4	11.4	7.7	183.6
CV	2.9	3.9	2.6	1.5	0.9	0.7	0.9	0.9	1.5	1.1	1.9	2.5	0.4

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

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*****
ZONA 4 HOYA 308 MAVPO SUP 14910 (R4R2)
EST 82 EL CHEQUE
LAT 3043 LONG 7130
*****
ANO FNE FEB MAR ABR MAY JUN JUL AG SEP OCT NOV DIC (07)
*****
1944 0.0 -1.0 0.0 25.0 72.0 261.0 48.0 246.0 9.0 48.0 0.0 0.0 -1.0
1945 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0
1946 31.0 0.0 0.0 14.0 46.0 101.0 45.0 41.0 17.0 20.0 0.0 2.0 315.0
1947 1.0 0.0 2.0 22.0 20.0 129.0 91.0 62.0 15.0 46.0 0.0 0.0 388.0
1948 0.0 0.0 0.0 61.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0
*****
MIN 0.0 0.0 0.0 14.0 20.0 101.0 43.0 41.0 8.0 20.0 0.0 0.0 315.0
MAX 31.0 0.0 2.0 61.0 72.0 261.0 91.0 246.0 17.0 48.0 0.0 2.0 388.0
PROM 8.0 0.0 0.5 30.5 46.0 163.7 68.7 116.3 13.3 38.0 0.0 0.7 351.5
DESV 15.3 0.0 1.0 20.9 26.0 85.4 26.4 112.8 4.7 15.6 0.0 1.2 51.6
CV 1.9 -1.0 2.0 0.7 0.6 0.5 0.4 1.0 0.4 0.4 -1.0 1.7 0.1
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NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)

EST 83 SAN ALFONSO

LAT 3344 LON 7018 ALT 1100 (MTS)

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1963	-1.0	-1.0	-1.0	-1.0	68.0	81.0	273.0	250.0	165.0	30.5	-1.0	0.0	-1.0
1964	0.0	0.0	0.0	1.5	0.0	148.0	77.5	98.0	0.0	3.0	-1.0	-1.0	-1.0
1965	0.0	0.0	0.0	79.0	76.5	39.0	143.5	297.0	18.0	0.0	0.0	29.0	682.0
1966	0.0	0.0	0.0	27.0	20.0	268.0	148.0	89.0	1.0	11.0	12.0	2.5	578.5
1967	0.0	0.0	1.6	6.0	24.0	44.0	48.0	27.0	25.0	2.0	0.0	0.0	177.6
1968	0.0	0.0	5.0	0.0	0.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
MIN	0.0	0.0	0.0	0.0	0.0	39.0	48.0	27.0	0.0	0.0	0.0	0.0	177.6
MAX	0.0	0.0	5.0	79.0	76.5	268.0	273.0	297.0	165.0	30.5	12.0	29.0	682.0
PROM	0.0	0.0	1.3	22.7	31.4	116.0	138.0	152.2	41.8	9.3	4.0	7.9	479.4
DESV	0.0	0.0	2.2	33.3	33.3	95.5	86.8	115.3	69.7	12.6	6.9	14.1	266.4
CV	-1.0	-1.0	1.6	1.5	1.1	0.8	0.6	0.8	1.7	1.4	1.7	1.8	0.6

467.

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

 ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 84 JAHUEL ALTO
 LAT 3344 LON 7041

468.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1935	0.0	0.0	0.0	1.0	20.0	113.0	40.0	47.0	24.0	37.0	0.0	0.0	282.0
1936	0.0	0.0	0.0	25.0	201.0	90.0	88.0	66.0	15.0	0.0	0.0	17.0	502.0
1937	0.0	0.0	0.0	0.0	94.0	95.0	137.0	97.0	52.0	24.0	7.0	0.0	506.0
1938	0.0	9.0	30.0	2.0	75.0	51.0	38.0	0.0	3.0	23.0	0.0	0.0	237.0
1939	0.0	0.0	0.0	0.0	98.0	123.0	24.0	44.0	15.0	43.0	0.0	34.0	381.0
1940	0.0	21.0	0.0	11.0	53.0	96.0	225.0	21.0	13.0	10.0	14.0	0.0	464.0
1941	0.0	0.0	21.0	134.0	149.0	160.0	216.0	260.0	7.0	29.0	52.0	0.0	1028.0
1942	0.0	0.0	0.0	0.0	41.0	111.0	118.0	148.0	13.0	36.0	41.0	0.0	568.0
1943	0.0	0.0	20.0	10.0	39.0	28.0	28.0	40.0	36.0	21.0	0.0	0.0	222.0
1944	10.0	20.0	0.0	19.0	81.7	178.7	20.5	236.7	6.0	33.0	0.0	0.0	605.6
1945	0.0	82.9	3.0	20.0	9.0	0.0	53.5	86.0	20.8	9.0	3.0	0.0	288.0
1946	1.0	0.0	0.0	7.0	27.5	36.5	63.7	28.3	3.0	20.1	0.0	0.0	187.1
1947	0.0	0.0	0.0	10.9	30.5	142.3	23.5	83.7	10.1	20.1	0.0	0.0	321.1
1948	0.0	0.0	0.0	51.2	86.9	30.8	228.0	13.0	29.0	15.1	0.0	0.0	454.1
1949	0.0	0.0	18.0	0.0	232.0	69.6	27.3	33.2	2.0	0.0	0.0	0.0	380.9
1950	0.0	0.0	5.0	95.0	131.8	20.0	1.0	53.6	34.4	9.0	21.7	0.0	371.5
1951	0.0	0.0	0.0	19.6	84.1	126.3	132.5	31.3	40.5	0.0	3.0	0.0	437.3
1952	0.0	20.2	0.0	0.0	142.5	137.3	58.7	30.6	36.3	30.9	12.0	0.0	468.5
1953	10.1	0.0	0.0	31.4	144.3	44.1	101.2	275.3	175.2	27.0	0.0	0.0	808.6
1954	0.0	10.0	0.0	51.7	111.4	133.3	91.4	11.3	10.5	9.0	0.0	0.0	428.6
1955	0.0	0.0	0.0	15.0	50.8	92.0	31.0	32.5	0.0	30.0	4.0	4.0	259.3
1956	10.2	0.0	40.9	30.4	50.7	3.0	92.3	102.1	9.0	10.0	0.0	0.0	348.6
1957	1.0	0.0	0.0	0.0	173.0	34.9	64.9	45.0	22.5	0.0	0.0	20.5	361.8
MIN	0.0	0.0	0.0	0.0	9.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	187.1
MAX	10.2	82.9	40.9	134.0	232.0	178.7	228.0	275.3	175.2	43.0	52.0	34.0	1028.0
PROM	1.4	7.1	6.0	23.2	92.4	83.3	82.8	77.6	25.1	19.0	6.9	3.3	430.9
DESV	3.5	18.0	11.6	33.1	60.1	52.2	66.9	79.1	35.6	13.1	13.8	8.6	191.5
CV	2.5	2.5	1.9	1.4	0.6	0.6	0.8	1.0	1.4	0.7	2.0	2.6	0.4

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4 HCYA 308 MAIPC SUP 14911 (KM2)
 EST 85 BLIN PRCF OMC TIPC PV
 LAT 3344 LON 7045 ALT 488 (MTS)

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1918	0.0	0.0	7.5	49.2	48.2	81.0	53.9	41.0	112.4	4.0	36.3	0.0	433.5
1919	0.0	0.0	0.0	124.0	350.9	216.0	184.6	29.0	37.0	33.2	0.0	0.0	945.5
1920	0.0	0.0	0.0	0.0	120.5	160.5	48.0	20.0	0.0	15.5	6.1	9.0	379.6
1921	0.0	0.0	9.0	45.0	358.4	100.0	8.0	84.0	45.0	0.0	0.0	0.0	650.7
1922	0.0	0.0	1.3	0.0	31.1	201.2	64.0	98.5	49.0	26.7	0.0	0.0	472.6
1923	0.0	0.0	0.0	0.0	5.0	82.4	103.5	91.8	0.0	59.2	0.1	0.0	344.0
1924	0.0	0.0	7.0	9.0	4.0	13.5	17.0	8.0	18.0	0.0	0.0	0.0	77.0
1925	0.0	0.0	0.0	2.5	34.3	12.0	94.0	2.4	227.5	0.0	0.0	0.0	272.7
1926	0.0	0.0	13.0	0.0	27.0	500.0	255.5	57.0	11.0	6.5	0.0	0.0	978.0
1927	0.0	0.0	0.0	0.0	74.0	185.0	140.4	26.1	127.7	1.5	0.0	0.0	555.2
1928	0.0	0.0	0.0	29.0	122.5	123.3	38.5	5.5	9.0	0.0	0.0	0.0	328.0
1929	21.0	0.0	0.0	0.0	75.0	65.0	26.0	23.0	62.0	10.0	0.0	12.0	507.0
1930	0.0	0.0	2.0	13.0	5.0	78.0	182.0	17.0	51.0	91.0	11.0	10.0	567.0
1931	27.0	0.0	0.0	0.0	0.0	101.0	156.0	65.0	40.0	0.0	20.0	0.0	429.0
1932	0.0	0.0	0.0	13.0	48.0	98.0	125.0	161.0	17.0	4.0	0.0	24.0	490.0
1933	73.0	20.0	0.0	0.0	-1.0	134.0	66.0	106.0	33.0	10.0	0.0	0.0	-1.0
1934	0.0	0.0	0.0	0.0	16.0	176.0	18.0	5.0	9.0	-1.0	-1.0	0.0	-1.0
1935	0.0	0.0	0.0	0.0	1.0	28.0	93.0	44.0	25.0	-1.0	0.0	0.0	-1.0
1936	0.0	0.0	0.0	27.0	145.0	82.0	53.0	72.0	-4.0	-0.0	-0.0	18.0	441.0
1937	0.0	0.0	0.0	0.0	80.0	102.0	86.0	95.0	44.0	-1.0	-1.0	0.0	-1.0
1938	0.0	7.0	2.5	2.0	79.0	48.0	32.0	4.0	19.0	-1.0	-1.0	-1.0	-1.0
1939	0.0	0.0	0.0	0.0	103.0	115.0	12.0	65.0	18.0	44.0	0.0	42.0	403.0
1940	0.0	51.0	0.0	16.0	38.0	95.0	232.0	19.0	8.0	15.0	7.0	0.0	482.0
1941	0.0	0.0	17.0	123.0	122.0	150.0	223.0	253.0	3.0	32.0	56.0	0.0	984.0
1942	0.0	0.0	0.0	0.0	44.0	82.0	116.0	198.0	1.0	32.0	66.0	0.0	529.0
1943	0.0	0.0	19.0	12.0	58.0	53.0	38.0	42.0	35.0	22.0	0.0	0.0	280.0
1944	24.0	-1.0	-1.0	-1.0	-1.0	228.0	21.0	231.0	9.0	0.0	0.0	0.0	-1.0
1945	0.0	73.0	1.5	29.2	7.7	0.0	68.0	85.1	27.8	2.7	2.3	0.0	297.5
1946	0.0	0.0	0.0	24.3	35.1	44.4	20.0	29.9	0.0	26.5	0.0	0.0	194.7
1947	0.0	0.0	0.0	14.0	37.6	164.4	24.0	74.0	10.4	15.7	0.0	0.0	341.6
1948	0.0	0.0	0.0	71.2	102.0	39.2	257.1	11.3	17.1	4.5	0.0	0.0	502.4
1949	0.0	0.0	14.3	0.0	226.9	73.9	26.6	28.4	0.0	0.0	0.0	0.0	380.1
1950	0.0	0.0	5.3	66.1	115.3	14.1	0.0	64.0	26.2	5.3	0.0	0.0	309.8
1951	0.0	0.0	0.0	12.5	59.7	95.3	112.0	5.3	22.1	0.0	-1.0	-1.0	-1.0
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
MIN	0.0	0.0	0.0	0.0	4.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	77.0
MAX	73.0	73.0	25.0	124.0	358.4	500.0	355.5	258.0	227.5	91.0	66.0	42.0	984.0
PRCM	4.3	4.6	3.8	20.7	86.8	112.2	90.0	74.0	31.6	15.7	7.3	3.6	469.8
DESV	14.0	15.5	6.6	32.8	86.6	90.0	82.0	71.6	45.9	21.1	16.6	9.1	216.1
CV	3.3	3.4	1.7	1.6	1.0	0.0	0.0	1.0	1.5	1.3	2.3	2.5	0.5
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

469.

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCORRIDOS

PRECIPITACIONES (MM)

 ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 87 EL MANZANITO
 LAT 3345 LON 7010 ALT 1675 (MTS)

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1918	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	66.9	103.1	154.0	5.0	76.8	7.0	-1.0
1919	4.7	2.2	0.0	222.7	517.5	299.5	509.5	101.0	97.1	9.9	18.4	2.1	1864.6
1920	0.9	2.0	0.0	0.0	255.7	414.9	136.9	26.8	14.9	41.1	15.7	20.6	929.5
1921	53.7	11.0	48.6	27.9	550.4	256.4	7.1	175.5	74.1	0.9	0.0	8.0	1222.0
1922	19.9	0.0	84.5	0.0	110.8	394.7	185.1	367.5	116.2	73.4	0.2	0.0	1346.3
1923	8.1	0.0	0.0	0.0	13.0	210.7	320.4	224.8	17.1	240.8	14.4	7.9	1058.0
1924	0.0	0.0	39.1	28.9	0.0	72.6	15.3	57.7	55.1	22.0	1.9	0.0	292.6
1925	0.0	22.9	0.7	20.9	109.5	60.6	19.3	9.0	509.0	34.5	3.0	13.2	883.4
1926	0.0	57.7	10.3	0.0	86.6	1359.0	1518.0	73.7	15.9	14.4	0.0	0.0	3136.5
1927	0.0	10.8	7.4	0.0	203.0	140.3	258.5	101.3	395.5	30.3	6.4	4.9	1158.8
1928	0.0	10.1	7.3	39.9	189.4	227.2	118.7	30.4	1.5	2.8	0.6	0.5	628.4
1929	38.0	6.0	0.0	0.0	176.0	338.0	46.0	506.0	62.0	21.0	0.1	45.0	1260.1
1930	0.0	0.3	33.0	99.0	128.0	310.0	628.0	536.0	129.0	335.0	88.0	19.0	2305.3
1931	16.0	11.0	9.0	23.0	51.0	88.0	180.0	90.0	58.0	23.0	38.0	0.0	587.0
1932	0.0	21.0	0.0	16.0	43.0	82.0	124.0	32.0	8.0	52.0	0.0	19.0	397.0
1933	83.0	48.0	3.0	1.0	216.0	226.0	61.0	145.0	25.0	13.0	0.0	0.0	821.0
1934	5.0	0.2	62.0	0.0	615.0	226.0	20.0	10.0	3.0	42.0	14.0	1.0	1038.0
1935	0.0	0.0	0.0	4.0	60.0	330.0	163.0	250.0	255.0	123.0	5.0	0.0	1130.0
MIN	0.0	0.0	0.0	0.0	0.0	60.6	7.1	9.0	1.5	0.9	0.0	0.0	292.6
MAX	83.0	57.7	84.5	222.7	615.0	1359.0	1518.0	536.0	509.0	335.0	88.0	45.0	3136.5
PROM	13.5	12.0	17.9	28.4	195.6	296.2	243.2	157.8	110.6	60.2	15.7	8.2	1179.9
DESV	23.6	17.1	26.0	56.0	189.6	295.7	361.0	162.0	141.6	89.3	26.3	11.7	705.9
CV	1.7	1.4	1.4	2.0	1.0	1.0	1.5	1.0	1.3	1.5	1.7	1.4	0.6

470.

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

 ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 88 SAN NICOLAS
 LAT 3345 LON 7012

AND	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1936	0.6	0.0	1.0	97.0	266.0	101.0	122.0	88.0	43.0	6.0	7.0	7.0	738.0
1937	0.0	0.0	0.0	0.0	138.0	111.0	196.0	220.0	29.0	19.0	23.0	0.0	736.0
1938	1.0	17.0	40.0	18.0	88.0	70.0	64.0	3.0	1.0	20.0	3.0	0.0	325.0
1939	19.0	0.0	0.0	0.0	171.0	158.0	41.0	114.0	3.0	60.0	3.0	30.0	607.0
1940	3.0	5.0	0.0	22.0	101.0	132.0	306.0	51.0	44.0	76.0	34.0	0.0	768.0
1941	0.0	0.0	57.0	385.0	311.0	234.0	449.0	372.0	28.0	128.0	67.0	0.0	2051.0
1942	0.0	0.0	0.0	7.0	85.0	170.0	100.0	246.0	15.0	20.0	63.0	0.0	706.0
1943	0.0	0.0	7.0	12.0	108.0	100.0	52.0	55.0	73.0	34.0	0.0	0.0	441.0
MIN	0.0	0.0	0.0	0.0	85.0	70.0	41.0	3.0	1.0	6.0	0.0	0.0	325.0
MAX	19.0	17.0	57.0	385.0	311.0	234.0	449.0	372.0	73.0	128.0	67.0	30.0	2051.0
PROM	2.9	2.8	13.1	67.6	158.5	134.5	166.3	143.6	29.5	45.4	25.0	4.6	796.5
DESV	6.6	6.0	22.4	132.0	85.9	51.7	144.4	124.6	23.9	40.8	27.3	10.5	531.1
CV	2.2	2.2	1.7	2.0	0.5	0.4	0.9	0.9	0.8	0.9	1.1	2.3	0.7

471.

NGTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4

HOYA 308 MAIPO SUP 14911 (KM2)
 EST 91 CARMEN ALTO MELIPILLA
 LAT 3346 LON 7107

472.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOY
1946	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	48.0	43.0	7.0	28.0	0.0	0.0	-1.0
1947	0.0	0.0	0.0	15.0	24.0	147.0	55.0	58.0	16.0	26.0	0.0	0.0	341.0
1948	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1949	0.0	0.0	29.0	0.0	332.0	137.0	35.0	50.0	3.0	0.0	0.0	7.0	593.0
1950	0.0	0.0	7.0	148.0	142.0	57.0	3.0	102.0	53.0	18.0	47.0	0.0	577.0
1964	0.0	0.0	0.0	15.0	0.0	97.0	76.0	119.0	0.0	0.0	10.0	19.0	336.0
1965	0.0	0.0	0.0	47.0	92.0	26.0	228.0	310.0	0.3	28.0	9.0	3.0	743.3
1966	0.0	0.0	0.0	62.0	14.0	306.0	130.0	75.0	10.0	0.0	8.0	23.0	728.0
1967	0.0	0.0	0.5	4.0	87.0	56.0	163.0	34.0	46.0	2.3	13.0	0.0	405.8
MIN	0.0	0.0	0.0	0.0	0.0	26.0	3.0	34.0	0.0	0.0	0.0	0.0	336.0
MAX	0.0	0.0	29.0	148.0	332.0	306.0	228.0	310.0	53.0	28.0	47.0	23.0	743.3
PROM	0.0	0.0	5.2	41.6	98.7	118.0	92.3	98.9	16.9	12.8	10.9	6.5	532.0
DESV	0.0	0.0	10.8	52.2	114.7	94.0	75.3	90.2	20.9	13.4	15.5	9.3	173.0
CV	-1.0	-1.0	2.1	1.3	1.2	0.8	0.8	0.9	1.2	1.1	1.4	1.4	0.3

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA	4		HOYA 308 MAIPO		EST 93 LA APARICION		LAT 3347 LON 7040 ALT 460 (MTS)		SUP 14911 (KM2)				
AND	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1928	0.0	0.0	0.0	29.0	135.8	256.1	40.0	9.9	9.9	2.8	0.0	0.0	484.3
1929	24.0	0.0	0.0	0.0	85.0	132.0	30.0	206.0	52.0	9.0	0.0	21.0	619.0
1930	0.0	0.0	0.0	13.0	20.0	130.0	166.0	225.0	17.0	107.0	56.0	1.0	735.0
1931	13.0	0.2	0.0	9.0	23.0	95.0	156.0	65.0	40.0	0.0	20.0	0.0	421.2
1932	0.0	0.0	0.0	5.6	58.8	122.3	156.2	164.4	24.2	6.3	0.0	33.1	570.9
1933	74.0	18.0	0.0	0.0	102.0	121.0	64.0	105.0	36.0	14.0	0.0	0.0	534.0
1934	0.0	0.0	2.0	0.0	280.0	248.0	23.0	8.0	23.0	56.0	26.0	0.0	666.0
MIN	0.0	0.0	0.0	0.0	20.0	95.0	23.0	8.0	9.9	0.0	0.0	0.0	421.2
MAX	74.0	18.0	2.0	29.0	280.0	256.1	166.0	225.0	52.0	107.0	56.0	33.1	735.0
PROM	15.9	2.6	0.3	8.1	100.7	157.8	90.7	111.9	28.9	27.9	14.6	7.9	575.8
DESV	27.3	6.8	0.8	10.5	89.4	65.6	65.5	89.3	14.5	39.7	21.3	13.6	107.5
CV	1.7	2.6	2.6	1.3	0.9	0.4	0.7	0.8	0.5	1.4	1.5	1.7	0.2

473.

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

 ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 94 PAINE FDO VILUCO
 LAT 3347 LON 7047

474.

ANC	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1943	0.0	0.0	18.0	6.0	57.0	58.0	45.0	38.0	29.0	25.0	3.0	0.0	279.0
1944	31.0	11.0	0.0	90.0	92.0	219.7	31.0	266.0	7.0	21.2	0.0	0.0	768.6
1945	0.0	73.3	2.2	34.1	4.0	0.0	61.2	90.4	27.0	6.6	3.1	0.0	301.9
1946	2.5	0.0	0.0	16.5	26.6	41.4	54.6	30.7	1.0	27.1	0.0	0.0	208.4
1947	0.0	0.0	0.0	22.4	33.0	159.4	22.1	78.7	6.5	22.7	0.0	0.0	344.8
1948	0.0	0.0	0.0	70.3	117.8	40.2	254.4	14.9	20.3	4.3	0.0	0.0	530.2
1949	0.0	0.0	22.5	0.0	279.4	78.3	33.7	40.9	0.6	0.0	0.0	0.0	455.4
1950	0.0	0.0	4.1	111.6	145.6	16.1	0.0	75.0	26.0	11.6	35.9	0.0	425.9
1951	0.0	0.0	0.0	17.6	93.7	158.5	176.8	23.0	30.5	0.0	4.4	0.0	504.5
1952	0.0	5.1	0.0	0.0	172.1	142.5	87.9	30.2	20.8	27.5	14.4	0.0	500.5
1953	14.7	0.0	3.0	39.5	166.6	25.6	126.1	299.1	167.7	26.3	0.0	0.0	868.6
1954	0.0	0.2	0.0	52.1	134.4	182.0	125.0	23.0	10.7	11.1	0.0	0.0	539.3
1955	0.0	0.0	0.0	8.6	53.0	133.8	40.0	33.0	2.4	23.0	7.7	11.5	313.0
1956	4.3	0.0	44.2	49.1	56.0	14.0	124.5	105.5	15.8	2.1	0.0	0.4	416.7
1957	0.0	0.0	0.0	0.7	195.9	24.0	85.1	19.7	15.8	1.2	0.0	27.5	369.9
1958	0.0	0.0	0.4	0.0	117.7	171.6	16.3	103.6	4.5	1.0	5.9	0.0	422.0
1959	0.4	1.2	12.0	70.5	67.6	195.9	71.9	54.9	19.0	11.2	0.0	0.0	498.6
1960	0.0	0.0	0.0	0.0	24.0	175.4	103.6	43.1	0.0	0.0	0.0	0.0	346.1
MIN	0.0	0.0	0.0	0.0	4.0	0.0	0.0	14.9	0.0	0.0	0.0	0.0	208.4
MAX	31.0	73.3	44.2	111.6	279.4	219.7	254.4	299.1	167.7	27.5	35.9	27.5	868.6
PRDM	2.9	5.0	5.9	32.7	102.0	102.0	81.1	76.1	22.1	12.3	4.2	2.2	449.6
DESV	7.8	17.3	11.7	34.5	71.5	75.1	63.6	80.6	37.7	10.9	8.8	6.9	164.2
CV	2.7	3.4	2.0	1.1	0.7	0.7	0.8	1.1	1.7	0.9	2.1	3.1	0.4

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA	4	HOYA 308	HAIPO	SUP	14911	(KM2)							
		EST	95	FDC	CARMEN	ALTO							
		LAT	3347	LON	7101								
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1947	0.0	0.0	0.0	11.0	22.0	160.0	35.0	65.0	15.0	17.0	0.0	0.0	325.0
1949	0.0	0.0	22.0	0.0	275.0	81.0	32.0	50.0	4.0	0.0	0.0	9.0	473.0
1950	0.0	0.0	0.0	141.0	143.0	36.0	2.0	86.0	27.0	18.0	36.0	0.0	489.0
1958	0.0	0.0	2.0	12.0	0.0	24.5	10.3	30.8	25.7	0.0	2.0	0.0	107.3
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

PRECIPITACIONES (MM)

ZONA 4

HOYA 308 MAIPO
EST 96 EL TRANSITO
LAT 3348 LON 7040

SUP 14911 (KM2)

476.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1940	0.0	21.0	0.0	12.0	40.0	96.0	219.0	23.0	17.0	8.0	13.0	0.0	455.0
1941	0.0	0.0	17.0	124.0	120.0	159.0	227.0	259.0	9.0	10.0	66.0	0.0	991.0
1942	0.0	0.0	0.0	0.0	43.0	95.0	109.0	186.0	14.0	32.0	50.0	0.0	523.0
1943	0.0	0.0	16.0	15.0	46.0	49.0	39.0	37.0	42.0	24.0	0.0	0.0	268.0
1944	5.0	24.0	0.0	20.0	96.6	195.7	21.7	295.7	6.1	30.5	0.0	0.0	695.3
1945	0.0	50.8	2.9	24.8	5.9	0.0	75.5	98.8	26.2	7.3	2.2	0.0	334.4
1946	1.0	0.0	0.0	16.6	29.0	39.3	60.4	25.7	0.0	24.2	0.0	0.0	196.2
1947	0.0	0.0	2.1	17.5	39.1	149.4	26.3	64.4	13.4	25.2	0.0	0.0	357.4
1948	0.0	0.0	0.0	67.0	90.3	36.9	237.9	10.0	43.7	15.8	0.0	0.0	504.4
1949	0.0	0.0	18.2	0.0	245.1	70.9	26.1	40.5	0.0	0.0	0.0	0.0	400.8
1950	0.0	0.0	5.0	93.6	113.3	21.6	2.7	77.6	42.4	12.4	33.2	0.0	402.6
1951	0.0	0.0	0.0	21.9	86.3	125.4	162.4	28.3	42.3	0.0	3.4	0.0	480.0
1952	0.0	36.8	0.0	0.0	150.0	144.7	63.3	34.3	31.7	33.6	7.2	0.0	501.6
1953	8.9	0.0	0.0	38.5	146.8	34.7	114.6	263.3	105.0	26.1	0.0	0.0	817.9
1954	0.0	7.2	0.0	54.3	145.9	143.7	96.2	18.9	14.6	8.1	0.0	0.0	488.9
1955	0.0	0.0	0.0	13.0	56.9	106.4	28.9	30.2	17.6	26.1	4.9	8.8	292.8
1956	10.2	0.0	51.3	36.8	56.4	7.6	110.1	122.4	9.3	7.4	0.0	0.0	411.5
1957	0.0	0.0	0.0	1.3	159.9	41.8	68.0	50.5	17.9	0.0	0.0	25.4	364.8
1958	0.0	0.0	0.0	0.0	100.8	177.3	41.6	92.9	17.8	0.0	14.2	0.0	444.6
1959	0.0	0.0	8.2	93.4	60.6	152.6	62.1	66.2	30.0	6.0	0.0	0.0	479.1
1960	0.0	0.0	0.0	0.0	24.1	132.8	110.0	43.3	15.9	0.0	0.0	0.0	326.9
1961	10.7	0.0	23.0	0.0	40.6	120.1	44.0	126.2	34.0	20.2	0.0	6.2	425.8
1962	0.0	0.0	0.0	0.0	5.0	233.8	25.2	20.0	11.0	29.7	0.0	0.0	324.7
1963	0.0	0.0	7.9	3.5	42.8	70.0	208.4	137.4	138.0	21.5	8.5	0.0	688.0
1964	0.0	0.0	0.0	1.6	0.0	94.5	44.6	95.4	0.0	0.0	0.0	18.3	254.4
1965	0.0	0.0	0.0	56.8	71.7	29.3	135.9	157.5	0.0	23.4	12.1	24.6	511.3
1966	0.0	0.0	0.0	49.0	8.6	206.1	151.4	56.2	3.2	6.0	20.1	10.9	511.5
1967	0.0	0.0	0.0	1.3	27.0	45.0	120.0	35.0	49.0	10.0	0.0	0.0	287.5
1968	0.0	0.0	0.6	20.9	0.0	9.7	1.5	10.3	35.2	2.3	0.0	0.0	80.5
MIN	0.0	0.0	0.0	0.0	0.0	0.0	1.5	10.0	0.0	0.0	0.0	0.0	80.5
MAX	10.7	90.8	51.3	124.0	245.1	233.8	237.9	295.7	138.0	33.6	66.0	25.4	991.0
PROM	1.2	6.2	5.2	27.0	70.7	96.1	90.8	86.4	27.1	14.1	8.1	3.2	442.1
DESV	3.2	18.5	11.0	33.1	58.6	65.3	69.0	79.1	30.4	11.4	16.0	7.4	184.7
CV	2.6	3.0	2.1	1.2	0.8	0.7	0.8	0.9	1.1	0.8	2.0	2.3	0.4

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

 ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 97 VOLCAN
 LAT 3349 LON 7011 ALT 1500 (MTS)

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1901	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	367.0	216.0	17.0	107.0	-1.0	-1.0	-1.0
1902	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	9.0	-1.0	-1.0
1903	-1.0	-1.0	-1.0	-1.0	41.0	186.0	62.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1904	0.0	0.0	0.0	0.0	617.0	674.0	689.0	553.0	5.0	158.0	103.0	113.0	2912.0
1905	0.0	0.0	0.0	0.0	790.0	667.0	474.0	102.0	98.0	81.0	12.0	0.0	2224.0
1906	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1907	-1.0	-1.0	-1.0	-1.0	-1.0	8.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1908	-1.0	-1.0	-1.0	75.0	73.0	152.0	-1.0	3.0	-1.0	-1.0	-1.0	-1.0	-1.0
1911	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	237.0	-1.0	-1.0	-1.0	-1.0	-1.0
1912	4.0	63.0	90.0	330.0	315.0	217.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1942	1.0	0.0	0.0	3.0	113.0	116.0	111.0	259.0	18.0	7.0	62.0	0.0	690.0
1943	0.0	0.0	68.0	9.0	118.0	120.0	88.0	40.0	68.0	31.0	0.0	3.0	545.0
1944	2.0	32.0	0.4	15.0	121.0	295.0	51.0	402.0	6.0	107.0	8.0	0.0	1039.4
1945	4.0	101.0	12.0	77.0	14.0	13.0	132.0	83.0	70.3	3.0	37.0	0.0	546.3
1946	21.0	0.0	0.0	24.0	56.0	71.0	129.0	31.0	10.0	50.0	1.0	0.0	393.0
1947	0.0	0.0	3.0	20.0	56.0	239.0	54.0	53.0	16.0	25.0	0.0	0.0	466.0
1948	0.0	3.0	7.0	104.0	51.0	141.5	215.0	-1.0	107.5	2.0	-1.0	-1.0	-1.0
1949	4.5	3.0	3.5	0.0	403.0	111.0	19.0	60.0	9.0	0.0	0.0	7.0	620.0
1950	6.6	2.9	7.3	71.5	229.0	47.7	0.0	154.3	73.8	25.2	92.3	0.0	710.6
1951	0.0	0.0	0.0	12.0	175.0	230.0	240.7	41.0	76.0	0.0	7.3	0.0	782.0
1952	0.0	9.0	5.0	0.0	256.9	149.2	51.8	45.9	101.1	39.3	10.6	0.0	669.0
1953	12.8	0.0	0.0	39.3	142.7	36.5	110.9	277.3	172.3	25.8	0.0	0.0	817.6
1954	0.0	2.2	0.0	52.1	142.7	193.6	102.1	0.0	79.3	9.4	0.0	10.1	575.2
1955	0.0	0.0	38.5	14.5	104.5	223.5	-1.0	26.5	34.0	10.5	7.0	4.5	-1.0
1956	17.0	0.0	51.0	60.5	93.5	5.0	118.0	60.0	3.0	-1.0	-1.0	1.0	-1.0
MIN	0.0	0.0	0.0	0.0	14.0	5.0	0.0	0.0	3.0	0.0	0.0	0.0	393.0
MAX	21.0	101.0	90.0	330.0	790.0	674.0	689.0	553.0	172.3	158.0	103.0	113.0	2912.0
PROM	4.0	12.0	15.9	47.7	195.6	185.5	167.5	139.2	53.6	40.1	21.8	8.7	927.9
DESV	6.4	27.3	27.2	75.5	201.0	181.2	177.7	149.9	47.8	46.3	33.9	28.0	725.6
CV	1.6	2.3	1.7	1.6	1.0	1.0	1.1	1.1	0.9	1.2	1.6	3.2	0.8

477.

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)

EST 98 QUELTEHUES CHILECTRA

LAT 3349 LON 7012 ALT 1365 (MTS)

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DEC	TOT
1929	36.0	0.0	0.0	0.0	84.0	60.0	11.0	126.0	47.0	0.0	0.0	34.0	398.0
1930	0.0	0.0	4.0	44.0	50.0	252.0	425.0	43.0	-1.0	-1.0	-1.0	4.0	-1.0
1931	6.0	0.0	0.0	19.0	40.0	108.0	175.0	38.0	16.0	12.0	18.0	0.0	434.0
1932	0.0	0.0	0.0	6.0	46.0	22.0	116.0	74.0	22.0	-1.0	-1.0	-1.0	-1.0
1933	46.0	40.0	0.0	0.0	96.0	130.0	30.0	79.0	3.0	0.0	5.0	0.0	429.0
1934	0.0	0.0	8.0	0.0	268.0	241.0	13.0	4.0	0.0	30.0	8.0	0.0	592.0
1935	0.0	0.0	0.0	0.0	39.0	101.0	68.0	65.0	30.0	49.0	0.0	0.0	360.0
1936	0.0	0.0	0.0	69.0	267.0	91.0	50.0	75.0	33.0	0.0	-1.0	-1.0	-1.0
1937	0.0	0.0	0.0	0.0	180.0	90.0	197.0	251.0	31.0	14.0	8.0	0.0	771.0
1938	0.0	10.0	44.0	4.0	28.0	17.0	42.0	1.0	6.0	20.0	8.0	0.0	180.0
1939	11.0	0.0	0.0	0.0	101.0	60.0	36.0	107.0	0.0	69.0	2.0	28.0	414.0
1940	5.0	11.0	0.0	22.0	116.0	130.0	338.0	61.0	55.0	52.0	14.0	0.0	804.0
1941	0.0	0.0	16.0	453.0	339.0	219.0	562.0	238.0	22.0	101.0	102.0	0.0	2052.0
1942	0.0	0.0	0.0	2.0	85.0	129.0	107.0	210.0	20.0	5.0	77.0	0.0	635.0
1943	0.0	0.0	98.0	11.0	148.0	173.0	64.0	22.0	81.0	22.0	0.0	3.0	622.0
1944	0.0	28.0	0.0	22.0	140.0	125.0	44.0	380.0	0.0	132.0	0.0	0.0	879.0
1945	8.0	101.0	18.0	88.0	11.0	17.0	144.0	49.0	45.0	0.0	50.0	0.0	531.0
1946	14.0	0.0	0.0	22.0	62.0	48.0	105.0	25.0	11.0	29.0	0.0	0.0	316.0
1947	0.0	0.0	0.0	11.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1948	0.0	1.0	2.0	113.0	105.0	54.0	373.0	14.0	105.0	0.0	0.0	0.0	767.0
1949	0.0	0.0	16.0	0.0	339.0	81.0	33.0	61.0	11.0	0.0	0.0	11.0	552.0
1950	4.0	0.0	5.0	44.0	163.0	47.0	0.0	60.0	102.0	31.0	73.0	0.0	529.0
1951	5.0	0.0	0.0	12.0	129.0	191.0	109.0	28.0	50.0	0.0	7.0	0.0	611.0
1952	0.0	11.0	11.0	0.0	258.0	137.0	33.0	41.0	-1.0	-1.0	-1.0	0.0	-1.0
1953	12.0	0.0	0.0	20.0	119.0	68.0	163.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1954	0.0	0.0	0.0	49.0	104.0	247.0	128.0	6.0	11.0	4.0	0.0	0.0	549.0
1955	0.0	0.0	16.0	6.0	142.0	204.0	44.0	36.0	22.0	52.0	0.0	4.0	526.0
1956	6.0	0.0	50.0	39.0	90.0	0.0	59.0	47.0	1.0	6.0	2.0	1.0	301.0
1957	3.0	0.0	0.0	1.0	234.0	11.0	81.0	65.0	4.0	0.0	0.0	5.0	404.0
1958	0.0	0.0	0.0	0.0	83.0	221.0	0.0	77.0	-1.0	-1.0	43.0	0.0	-1.0
1959	0.0	0.0	22.0	154.0	21.0	180.0	304.0	46.0	55.0	11.0	0.0	0.0	793.0
1960	0.0	0.0	0.0	11.0	44.0	302.3	79.0	11.0	7.0	2.1	0.0	0.0	456.4
1961	7.0	0.0	119.2	1.5	71.0	138.0	91.0	102.0	81.5	18.0	0.0	23.6	652.8
1962	0.0	0.0	1.0	2.5	47.5	358.0	27.0	47.5	10.0	82.5	0.0	4.0	580.0
1963	1.0	11.0	30.5	21.0	81.5	149.0	301.0	344.2	158.7	43.5	50.0	0.0	1191.4
1964	0.0	0.0	8.0	0.0	0.0	149.0	62.0	60.4	0.0	-1.0	0.0	44.6	-1.0
1965	0.0	0.0	0.0	118.6	77.0	51.9	143.5	341.0	13.0	49.0	6.0	59.5	859.5
1966	0.0	0.0	0.0	32.0	32.0	197.0	155.0	84.8	0.0	17.5	7.5	22.0	547.8
1967	6.0	6.0	8.0	9.5	63.0	36.0	40.0	38.0	17.0	34.0	14.0	0.0	271.5
1968	0.0	0.0	21.0	-1.0	0.0	17.5	9.0	23.8	64.2	-1.0	1.4	5.5	-1.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	180.0
MAX	46.0	101.0	119.2	453.0	339.0	358.0	562.0	380.0	158.7	132.0	102.0	59.5	2052.0
PROM	4.3	5.5	12.4	36.1	110.3	124.4	122.1	89.0	32.4	27.7	14.6	6.9	613.2
DESV	9.4	17.5	25.5	77.7	88.1	87.7	128.7	97.6	36.8	32.5	26.0	14.2	339.9
CV	2.2	3.2	2.0	2.2	0.8	0.7	1.1	1.1	1.1	1.2	1.8	2.0	0.6

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

 ZCNA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 99 HUELQUEN PAINE
 LAT 3349 LON 7040

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1949	0.0	0.0	22.5	0.0	259.3	62.3	22.3	41.4	0.0	0.0	0.0	0.0	407.8
1950	0.0	0.0	11.6	92.7	115.7	18.5	0.0	85.6	37.9	7.9	32.1	0.0	402.0
1951	0.0	0.0	0.0	22.9	88.6	141.8	143.8	27.9	43.2	0.0	2.7	0.0	470.9
1952	0.0	11.6	0.0	0.0	171.5	143.2	59.2	31.9	30.2	32.3	5.9	0.0	485.9
1953	12.8	0.0	0.0	39.3	142.7	36.5	110.9	277.3	172.3	25.8	0.0	0.0	617.6
1954	0.0	0.0	0.0	46.7	177.7	140.5	124.9	23.8	10.7	11.1	0.0	0.0	535.4
1955	0.0	0.0	0.0	8.0	53.8	137.5	29.7	37.5	4.8	28.7	2.1	11.1	314.0
1968	0.0	0.0	0.0	0.0	0.0	8.4	4.3	12.7	40.8	2.0	0.0	0.0	68.2
MIN	0.0	0.0	0.0	0.0	0.0	8.4	0.0	12.7	0.0	0.0	0.0	0.0	68.2
MAX	12.8	11.6	22.5	92.7	259.3	143.2	143.8	277.3	172.3	32.3	32.1	11.1	617.6
PROM	1.6	1.4	4.3	26.2	126.2	86.1	61.9	67.3	42.5	13.5	5.3	1.4	412.7
DESV	4.5	4.1	8.4	32.5	80.5	60.5	57.1	87.6	55.1	13.5	11.0	3.9	166.6
CV	2.8	2.8	2.0	1.2	0.6	0.7	0.9	1.3	1.3	1.0	2.1	2.8	0.4

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

-PRECIPITACIONES (MM)

ZONA	4	HOYA	308	MAIPO		SUP	14911	(KM2)							
		EST	100	CAJON DE ACULEO											
		LAT	3349	LONG	7105										

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1947	-1.0	-1.0	-1.0	-1.0	25.5	148.0	74.0	59.0	18.0	26.0	0.0	0.0	-1.0
1948	0.0	0.0	0.0	41.0	112.8	63.0	305.8	19.0	20.3	6.0	0.0	0.0	567.9
1949	0.0	0.0	30.0	0.0	301.2	69.8	29.8	49.0	1.5	0.0	0.0	4.2	485.5
1950	0.0	0.0	9.2	130.5	113.4	29.0	2.3	74.0	47.7	20.1	-26.6	0.0	452.8
1951	0.0	0.0	0.0	25.2	74.1	188.5	221.7	23.8	29.1	0.0	1.6	0.0	564.0
1952	0.0	-1.0	-1.0	-1.0	-1.0	126.8	94.6	15.2	15.6	9.6	-1.0	0.0	-1.0
1953	0.0	0.0	0.0	29.5	206.5	19.5	141.0	266.0	163.0	20.0	0.0	0.0	845.5
MIN	0.0	0.0	0.0	0.0	25.5	19.5	2.3	15.2	1.5	0.0	0.0	0.0	452.8
MAX	0.0	0.0	30.0	130.5	301.2	188.5	305.8	266.0	163.0	26.0	-26.6	4.2	845.5
PROM	0.0	0.0	7.8	45.2	138.9	92.1	124.2	72.3	42.2	11.7	4.7	0.6	583.1
DESV	0.0	0.0	13.0	50.0	99.3	63.5	108.0	88.2	55.1	10.4	10.7	1.6	154.9
CV	-1.0	-1.0	1.7	1.1	0.7	0.7	0.9	1.2	1.3	0.9	2.3	2.6	0.3

480.

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2) 481.

EST 101 CARMEN DE LAS ROSAS

LAT 3349 LON 7010 ALT 1200 (MTS)

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1931	-1.0	-1.0	-1.0	-1.0	13.7	124.0	216.0	65.0	56.0	6.0	0.0	0.0	-1.0
1932	0.0	4.0	7.0	2.0	38.0	139.0	158.0	51.3	17.0	3.0	0.0	31.0	450.3
1933	52.0	3.5	0.0	0.0	61.0	136.0	70.0	83.4	14.0	21.0	0.0	0.0	440.9
1934	0.0	0.0	1.0	0.0	183.0	286.0	18.5	1.0	13.5	38.5	15.0	0.0	556.5
1935	0.0	0.0	0.0	7.0	60.0	117.0	75.0	43.0	52.0	22.0	0.0	0.0	376.0
1936	0.0	0.0	0.0	33.0	204.0	67.0	129.0	85.0	18.0	0.0	0.0	9.0	545.0
1937	0.0	0.0	0.0	0.0	78.0	149.0	132.0	84.0	28.0	19.0	11.0	0.0	501.0
1938	0.0	12.0	44.0	0.0	89.0	56.0	62.0	0.0	0.0	26.0	7.0	0.0	296.0
1939	0.0	0.0	0.0	0.0	73.0	194.0	23.0	86.0	10.0	39.0	0.0	26.0	451.0
1940	0.0	20.0	0.0	18.0	32.0	154.0	191.0	14.0	18.0	28.0	9.0	0.0	484.0
1941	0.0	8.0	7.0	70.0	150.0	171.0	277.0	257.0	0.0	6.0	50.0	0.0	996.0
1942	0.0	0.0	0.0	0.0	35.0	81.0	152.0	82.0	0.0	22.0	38.0	0.0	410.0
1943	0.0	0.0	7.0	9.0	61.0	74.0	64.0	83.0	27.0	0.0	0.0	0.0	325.0
1944	0.0	16.0	0.0	19.0	73.0	153.0	30.0	228.0	0.0	35.0	0.0	0.0	554.0
1945	0.0	96.0	18.0	16.0	0.0	0.0	82.0	38.0	23.0	14.0	0.0	0.0	287.0
1946	30.0	0.0	0.0	6.0	37.0	74.0	55.0	26.0	10.0	25.0	0.0	0.0	263.0
1947	0.0	0.0	0.0	12.0	20.0	133.0	46.0	48.0	16.0	23.0	0.0	0.0	298.0
1948	0.0	0.0	0.0	40.0	130.0	52.0	246.0	17.0	17.0	23.0	0.0	0.0	525.0
1949	0.0	-1.0	22.0	0.0	238.0	67.0	25.0	40.0	0.0	0.0	0.0	9.0	-1.0
1950	0.0	0.0	6.0	114.0	115.0	43.0	3.0	62.0	47.0	6.0	36.0	0.0	432.0
1951	0.0	0.0	0.0	20.0	72.0	151.0	230.0	0.0	28.0	0.0	0.0	0.0	501.0
1952	0.0	0.0	0.0	0.0	120.0	89.0	95.0	22.0	21.0	7.0	0.0	0.0	354.0
1953	12.0	0.0	0.0	43.0	218.5	145.0	123.0	224.0	233.0	12.0	0.0	0.0	1010.5
1954	0.0	2.0	0.0	65.0	83.0	207.0	88.0	22.0	15.0	6.0	0.0	0.0	488.0
1955	0.0	0.0	0.0	13.0	36.0	139.0	32.0	57.0	9.0	18.0	0.0	5.0	309.0
1956	14.0	0.0	93.0	48.0	62.0	29.0	182.0	83.0	43.0	0.0	0.0	0.0	554.0
1957	0.0	0.0	0.0	8.0	258.0	36.0	128.0	35.0	13.0	0.0	0.0	28.0	506.0
1958	0.0	0.0	0.0	2.0	119.0	220.0	38.0	110.0	18.0	7.0	7.0	0.0	521.0
1959	7.0	0.0	18.0	97.0	86.0	204.0	117.0	85.0	22.0	17.0	0.0	0.0	603.0
1960	0.0	0.0	0.0	0.0	52.0	110.0	93.0	61.0	11.0	3.0	0.0	0.0	330.0
1961	0.0	0.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1962	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	21.5	18.5	0.0	0.0	-1.0
1963	0.0	0.0	9.0	0.0	44.0	59.5	206.0	191.0	38.0	2.5	16.0	0.0	566.0
1964	0.0	0.0	0.0	14.0	0.0	71.5	23.1	79.5	0.0	0.0	0.0	29.5	217.6
1965	0.0	0.0	0.0	36.5	78.0	39.5	181.5	270.5	0.0	25.0	8.0	3.5	642.5
1966	0.0	0.0	0.0	64.0	13.5	284.5	97.0	59.0	11.0	0.0	7.5	23.0	559.5
1967	0.0	0.0	0.0	3.5	20.3	41.0	126.4	38.0	-1.0	-1.0	-1.0	-1.0	-1.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	217.6
MAX	52.0	56.0	93.0	114.0	258.0	286.0	277.0	270.5	233.0	39.0	50.0	31.0	1010.5
PROM	3.3	4.8	6.8	22.4	82.9	117.0	109.0	78.0	24.3	13.5	5.8	4.7	479.8
DESV	10.3	16.8	17.8	29.6	68.1	70.4	72.7	71.3	39.2	12.1	12.1	9.8	176.2
CV	3.1	3.5	2.6	1.3	0.8	0.6	0.7	0.9	1.6	0.9	2.1	2.1	0.4

NCTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

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*****
PRECIPITACIONES (MM)
*****
ZCNA 4 HCYA 308 MAIPO SLP 14911 (KM2)
EST 102 COLONIA DE PAINE PRCP ONC IIFO PV
LAT 3350 LCN 7044 ALT 395 (MTS)
*****
ANC FNF FEB MAR AER MAY JUN JUL AG SEP OCT NOV DIC TOT
1964 0.0 0.0 0.0 4.0 0.0 52.0 61.0 59.0 0.0 0.0 0.0 -1.0 -1.0
1965 0.0 0.0 0.0 42.0 90.0 21.0 144.0 155.0 2.0 14.0 12.0 30.0 551.0
1966 0.0 0.0 1.0 56.0 5.0 222.0 128.0 40.0 1.0 3.0 14.0 15.0 485.0
1967 0.0 0.0 0.0 4.0 32.0 45.0 108.0 29.0 57.0 2.5 -1.0 0.0 -1.0
1968 0.0 0.0 2.5 15.0 0.0 10.5 11.0 15.0 28.5 -1.0 0.5 0.0 -1.0
*****
MIN 0.0 0.0 0.0 4.0 0.0 10.5 11.0 15.0 0.0 0.0 0.0 0.0 485.0
MAX 0.0 0.0 2.5 56.0 90.0 222.0 144.0 155.0 57.0 14.0 14.0 30.0 551.0
FRCM 0.0 0.0 0.7 24.2 25.4 78.1 90.4 75.6 17.7 4.9 6.9 11.3 518.0
DESV 0.0 0.0 1.1 23.6 38.5 86.4 54.2 74.0 25.0 6.2 7.7 14.4 46.7
CV -1.0 -1.0 1.6 1.0 1.5 1.1 0.6 1.0 1.4 1.3 1.1 1.3 0.1
*****

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482.

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCORRIJOS

PRECIPITACIONES (MM)														
=====														
HOYA 308 MAIPO SUP. 14911 (KM2)														
EST. 105 BT. MAIPO EN QUELTARO (MELOSAS)														
LAT. 3354 LON 7012 ALT. 1527 (MTS)														
=====														
ZONA	4													
AÑO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	TOT	
=====														
1963	-1.0	-1.0	-1.0	-1.0	75.6	131.7	328.9	298.5	192.2	43.5	69.7	0.0	-1.0	
1964	0.0	0.0	0.0	0.0	0.0	-1.0	96.6	39.5	17.0	3.0	0.0	37.5	-1.0	
1965	0.0	0.0	0.0	192.0	64.5	61.3	100.5	471.0	16.5	85.9	87.0	5.5	1084.2	
1966	0.0	0.0	0.6	35.0	40.8	183.4	180.5	86.0	0.0	12.0	12.0	19.0	601.3	
1967	9.0	0.0	7.0	12.5	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	
=====														
MIN	0.0	0.0	0.0	0.0	0.0	61.3	96.6	39.5	0.0	3.0	0.0	0.0	601.3	
MAX	9.0	0.0	7.0	192.0	75.6	183.4	328.9	471.0	192.2	85.9	87.0	37.5	1084.2	
PROM	2.3	0.0	1.9	59.9	45.2	125.5	176.6	223.8	56.4	44.1	42.2	15.5	842.7	
DESV	4.5	0.0	3.4	89.3	33.5	61.3	108.6	199.7	90.9	33.8	42.6	16.7	341.5	
CV	2.0	-1.0	1.8	1.5	0.7	0.5	0.6	0.9	1.6	0.8	1.0	1.1	0.4	
=====														

483.

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS.

PRECIPITACIONES (MM)

 ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 106 CHADA HACIENDA
 LAT 3354 LON 7040

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1940	0.0	26.0	0.0	0.0	57.0	99.0	247.0	29.0	18.0	8.0	15.0	0.0	499.0
1941	0.0	0.0	32.0	170.0	133.0	201.0	256.0	280.0	0.0	29.0	67.0	0.0	1168.0
1942	0.0	0.0	0.0	0.0	49.0	100.0	165.0	192.0	24.0	39.0	60.0	4.0	633.0
1943	0.0	0.0	22.0	18.0	71.0	67.0	61.0	36.0	34.0	25.0	2.0	0.0	336.0
1944	19.0	17.7	0.0	22.0	128.4	227.0	28.0	310.0	3.5	27.0	0.0	0.0	782.6
1945	0.0	113.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1949	0.0	0.0	14.0	0.0	301.0	83.0	24.0	47.0	2.0	0.0	0.0	1.0	472.0
1950	0.0	0.0	16.0	96.0	140.0	18.0	2.0	99.0	40.0	20.0	38.0	0.0	469.0
1951	0.0	0.0	0.0	21.0	90.0	102.0	188.0	41.0	44.0	0.0	2.0	2.0	570.0
1952	0.0	6.0	0.0	0.0	173.0	166.0	61.0	43.0	39.0	42.0	8.0	0.0	538.0
1953	5.0	0.0	5.0	37.0	169.0	35.0	124.0	246.0	207.0	29.0	2.0	0.0	859.0
1954	0.0	3.0	0.0	59.0	133.0	167.0	115.0	22.0	10.0	11.0	0.0	2.0	522.0
1955	2.0	3.0	2.0	11.0	54.0	153.0	29.0	39.0	4.0	24.0	10.0	21.0	352.0
1956	14.0	0.0	62.0	30.7	57.0	8.0	123.0	121.0	9.0	9.0	3.0	3.4	440.1
1957	0.0	0.0	0.0	6.0	212.0	37.0	68.0	53.0	28.0	14.0	0.0	20.0	438.0
1958	0.0	0.0	0.0	0.0	120.0	192.0	16.0	133.0	15.0	2.0	12.0	0.0	490.0
1959	0.0	0.0	16.0	116.0	83.0	181.0	93.0	55.0	24.0	8.0	0.0	0.0	570.0
1960	0.0	0.0	0.0	0.0	30.0	156.0	112.0	43.0	21.0	1.0	0.0	0.0	363.0
1961	18.0	0.0	21.0	0.0	40.0	166.0	51.0	143.0	49.0	14.0	0.0	0.3	502.3
1962	0.0	0.0	13.0	5.0	6.0	228.0	27.0	20.0	10.0	34.0	0.6	0.0	343.6
1963	0.0	0.0	14.0	2.0	53.0	83.0	249.3	331.8	143.3	18.9	25.2	0.0	720.5
1964	0.0	0.0	0.0	1.2	0.0	11.9	61.7	114.0	0.0	0.0	0.0	13.2	302.0
1965	0.0	0.0	0.0	57.0	107.6	27.0	162.0	218.0	2.0	32.0	18.0	35.0	658.6
1966	0.0	0.0	0.0	57.0	9.0	274.0	159.0	86.0	4.0	5.0	20.0	18.0	632.0
1967	0.0	0.0	0.0	2.0	33.0	49.0	151.0	35.0	61.0	17.0	0.0	0.0	348.0
1968	0.0	0.0	3.0	16.0	-1.0	-1.0	11.0	13.0	46.0	0.0	1.0	0.0	-1.0
MIN	0.0	0.0	0.0	0.0	0.0	8.0	2.0	13.0	0.0	0.0	0.0	0.0	302.0
MAX	19.0	113.0	62.0	170.0	301.0	274.0	256.0	331.8	207.0	42.0	67.0	35.0	1168.0
PROM	2.2	6.5	8.8	29.1	93.7	118.0	103.4	110.0	33.5	16.4	11.4	4.8	542.0
DESV	5.6	22.6	14.4	43.0	72.0	78.1	77.8	97.8	47.0	13.2	18.5	9.2	197.5
CV	2.5	3.5	1.6	1.5	0.8	0.7	0.8	0.9	1.4	0.8	1.6	1.9	0.4

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4

HOYA 308 MAIPO
EST 107 ACULEO
LAT 3353 LON 7055 ALT 370 (MTS)

SUP 14911 (KM2)

485.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1913	0.0	0.0	0.0	8.3	0.0	34.0	139.0	25.0	9.0	0.0	0.0	0.0	215.3
1914	0.0	0.0	4.0	0.0	131.0	425.5	277.5	141.0	129.5	110.5	38.0	0.0	1257.0
1915	0.0	0.0	1.0	33.5	310.0	105.5	30.5	12.0	9.5	0.0	0.0	0.0	502.0
1916	0.0	0.0	0.0	22.5	8.0	21.0	13.5	113.5	46.5	17.0	71.5	0.0	313.5
1917	0.0	0.0	0.0	14.0	66.5	196.5	33.0	81.0	0.0	0.0	0.0	0.0	391.0
1918	0.0	0.0	15.0	55.0	57.5	132.5	67.0	44.5	190.0	0.0	36.0	0.0	597.5
1919	0.0	0.0	0.0	161.0	464.0	255.0	211.0	78.0	45.0	0.0	0.0	0.0	1214.0
1920	0.0	0.0	0.0	0.0	141.0	220.0	44.0	22.0	0.0	0.0	2.0	7.0	436.0
1921	0.0	0.0	0.0	5.0	0.0	63.0	586.0	549.0	69.0	18.0	11.0	0.0	1301.0
1922	0.0	0.0	8.0	0.0	27.0	262.0	66.0	137.0	34.0	35.0	0.0	0.0	569.0
1923	0.0	0.0	0.0	0.0	6.0	173.0	144.0	67.0	0.0	0.0	0.0	0.0	390.0
1924	0.0	0.0	11.0	0.0	4.0	26.0	14.0	14.0	8.0	0.0	0.0	0.0	77.0
1925	0.0	0.0	0.0	15.0	21.0	25.0	112.0	5.0	284.5	10.0	0.0	0.0	472.5
1926	0.0	0.0	0.0	5.0	63.5	0.0	541.0	601.5	69.0	18.0	11.0	0.0	1309.0
1927	0.0	0.0	0.0	0.0	176.0	149.0	150.5	20.0	122.0	0.0	0.0	0.0	617.5
1928	0.0	0.0	0.0	36.0	137.0	332.0	37.0	5.0	0.0	0.0	0.0	0.0	547.0
1929	0.0	0.0	0.0	0.0	83.0	127.0	39.0	276.0	65.0	4.0	0.0	14.0	608.0
1930	0.0	0.0	0.0	46.0	26.0	276.0	238.0	250.0	14.0	65.0	0.0	0.0	915.0
1931	0.0	0.0	0.0	12.0	20.0	143.0	196.0	81.0	50.0	0.0	0.0	0.0	502.0
1932	0.0	0.0	7.0	15.0	52.0	151.0	179.0	133.0	0.0	0.0	0.0	18.0	555.0
1933	94.0	5.0	0.0	0.0	82.0	175.0	64.0	130.0	28.0	12.0	0.0	0.0	590.0
1934	0.0	0.0	0.0	0.0	391.0	262.0	15.0	30.0	8.0	21.0	0.0	0.0	727.0
1935	0.0	0.0	0.0	0.0	69.0	173.0	70.0	48.0	12.0	17.0	0.0	0.0	389.0
1937	0.0	0.0	0.0	39.0	263.0	67.0	123.0	90.0	13.0	0.0	0.0	0.0	595.0
1938	0.0	0.0	0.0	25.0	54.0	63.0	42.0	11.0	22.0	0.0	0.0	0.0	217.0
1939	0.0	0.0	0.0	0.0	110.0	194.0	35.0	47.0	0.0	0.0	0.0	0.0	386.0
1940	0.0	0.0	0.0	18.0	58.0	128.0	312.0	16.0	34.0	18.0	0.0	0.0	584.0
1941	0.0	0.0	19.0	131.0	148.0	191.0	328.0	312.0	0.0	0.0	24.0	26.0	1179.0
1942	0.0	0.0	0.0	0.0	66.0	99.0	122.0	188.0	31.0	0.0	70.0	0.0	576.0
1943	0.0	0.0	23.0	22.0	53.0	122.0	61.0	62.0	8.0	15.0	0.0	0.0	366.0
1944	10.0	8.0	0.0	24.0	101.1	308.0	30.0	254.0	0.0	0.0	19.0	0.0	754.1
1945	0.0	126.0	8.0	45.0	0.0	10.0	66.0	111.0	22.0	12.0	0.0	0.0	400.0
1946	26.0	0.0	0.0	7.0	67.0	65.0	57.0	0.0	0.0	0.0	0.0	0.0	222.0
1947	0.0	0.0	0.0	21.0	26.0	148.0	74.0	59.0	18.0	26.0	0.0	0.0	372.0
1948	0.0	0.0	0.0	76.0	115.0	104.0	156.0	20.0	0.0	0.0	0.0	0.0	471.0
1949	0.0	0.0	0.0	237.0	154.0	54.0	43.0	39.0	0.0	0.0	0.0	0.0	527.0
1950	0.0	0.0	4.0	135.0	138.0	0.0	0.0	118.0	0.0	0.0	0.0	0.0	395.0
1951	0.0	0.0	0.0	20.0	72.0	176.0	244.0	30.0	0.0	0.0	0.0	0.0	542.0
1952	0.0	0.0	0.0	0.0	179.0	170.0	42.0	22.0	23.0	19.0	0.0	0.0	455.0
1953	0.0	10.0	0.0	219.0	187.0	28.0	157.0	340.0	174.0	0.0	0.0	0.0	1115.0
1954	0.0	0.0	0.0	0.0	121.0	260.0	116.0	0.0	22.0	0.0	0.0	0.0	519.0
1955	0.0	0.0	0.0	6.0	43.0	135.0	47.0	43.0	3.0	9.0	4.0	0.0	290.0
1956	0.0	0.0	35.0	38.5	34.5	19.0	104.0	122.0	0.0	0.0	0.0	0.0	353.0
1957	0.0	0.0	16.5	0.0	309.0	29.0	98.0	24.5	0.0	0.0	0.0	0.0	477.0
1958	0.0	0.0	0.0	0.0	84.0	217.0	17.0	78.0	0.0	0.0	0.0	0.0	396.0
1959	0.0	0.0	0.0	14.0	163.0	59.0	221.0	117.0	55.0	0.0	0.0	0.0	629.0
1960	0.0	0.0	0.0	0.0	17.0	192.0	97.0	50.0	9.5	0.0	0.0	0.0	365.5
1961	0.0	0.0	48.0	0.0	32.0	208.0	73.0	152.0	192.0	15.0	0.0	0.0	720.0
1962	0.0	0.0	0.0	0.0	7.0	260.5	29.0	28.5	13.0	29.0	0.0	0.0	367.0
1963	0.0	0.0	0.0	0.0	57.0	81.0	275.0	208.0	115.5	8.5	20.5	0.0	765.5

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1964	0.0	0.0	5.0	6.0	0.0	105.0	87.0	132.0	0.0	-1.0	0.5	22.0	-1.0
1965	0.0	0.0	0.5	44.0	113.0	25.0	216.0	280.0	3.0	34.0	14.0	28.0	1158.0
1966	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1967	0.0	0.0	0.0	7.0	65.0	50.0	-1.0	34.0	75.0	2.0	10.0	-1.0	-1.0
1968	0.0	0.0	9.0	17.5	0.0	17.5	11.0	18.0	-1.0	0.0	0.0	0.0	-1.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.0
MAX	94.0	126.0	48.0	237.0	464.0	425.5	586.0	601.5	284.5	110.5	71.5	28.0	1309.0
PROM	2.4	2.8	4.0	29.3	95.8	135.4	123.6	108.7	38.2	9.7	6.1	2.2	582.2
DESV	13.2	17.2	9.2	52.2	99.0	97.1	122.0	126.3	60.2	19.0	15.4	6.6	299.5
CV	5.5	6.2	2.3	1.8	1.0	0.7	1.0	1.2	1.6	2.0	2.5	3.0	0.5

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM) -

ZONA 4 HGYA 308 MAIPO SUP 14911 (KM2)

EST 109 CHADA CUESTA

LAT 3357 LON 7039

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1945	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	115.2	37.7	9.0	8.7	0.0	-1.0
1946	25.0	0.0	0.0	19.6	38.9	43.3	80.0	41.1	0.0	39.5	0.0	0.0	287.4
1947	0.0	0.0	1.0	20.5	41.1	181.3	33.0	83.8	15.5	35.0	0.0	0.0	411.2
1948	0.0	0.0	0.0	93.7	127.6	64.3	331.9	14.8	39.2	19.2	0.0	0.0	690.7
1949	0.0	0.0	15.2	0.0	313.0	98.0	26.0	60.0	3.5	0.0	0.0	0.0	515.7
1950	0.0	0.0	13.0	136.0	182.6	25.0	2.5	130.0	38.1	32.0	56.0	0.0	615.8
1951	0.0	0.0	0.0	24.0	93.0	231.0	292.0	11.5	80.5	0.0	10.0	0.0	742.0
MIN	0.0	0.0	0.0	0.0	38.9	25.0	2.5	11.5	0.0	0.0	0.0	0.0	287.4
MAX	25.0	0.0	15.2	136.0	313.0	231.0	331.9	130.0	80.5	39.5	56.0	0.0	742.0
PROM	4.2	0.0	4.9	49.0	132.7	107.1	127.6	65.2	30.6	19.2	10.7	0.0	543.8
DESV	10.2	0.0	7.2	53.4	103.7	82.0	145.6	46.7	27.6	16.7	20.5	0.0	173.3
CV	2.4	-1.0	1.5	1.1	0.8	0.8	1.1	0.7	0.9	0.9	1.9	-1.0	0.3

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONCCIDOS

PRECIPITACIONES (MM)

ZONA 4

HOYA 308 MAIPO
EST 111 CERRILLOS DE LEYDA
LAT 3338 LON 7130 ALT 150 (MTS)

SUP 14911 (KM2)

489.

ANO ENE FEB MAR ABR MAY JUN JUL AG SEP OCT NOV DIC TOT

1932	-1.0	-1.0	-1.0	-1.0	51.1	165.0	152.8	129.4	11.5	-1.0	-1.0	-1.0	-1.0
1933	65.0	5.0	-1.0	-1.0	72.9	150.7	55.0	48.7	0.0	19.6	0.0	0.0	-1.0
1934	0.0	0.0	0.0	0.0	202.7	228.7	10.5	3.8	-1.0	-1.0	-1.0	-1.0	-1.0
1935	-1.0	-1.0	-1.0	-1.0	-1.0	117.0	50.0	31.0	20.0	23.0	0.0	0.0	-1.0
1936	0.0	0.0	0.0	0.0	152.0	55.0	90.0	81.0	27.0	0.0	0.0	0.0	405.0
1937	0.0	0.0	0.0	0.0	59.0	165.0	102.0	104.0	20.0	23.0	17.0	0.0	490.0
1938	0.0	0.0	35.0	0.0	52.0	44.0	51.0	4.0	4.0	21.0	8.0	0.0	219.0
1939	0.0	0.0	0.0	0.0	38.0	164.0	14.0	106.0	14.0	49.0	0.0	12.0	397.0
1940	0.0	25.0	0.0	21.0	28.0	132.0	234.0	6.0	21.0	50.0	0.0	0.0	517.0
1941	0.0	7.0	51.0	64.0	128.0	142.0	217.0	171.0	0.0	18.0	7.0	0.0	805.0
1942	0.0	0.0	0.0	0.0	26.0	79.0	116.0	84.0	7.0	17.0	27.0	0.0	356.0
1943	0.0	0.0	5.0	7.0	78.0	68.0	72.0	79.0	23.0	7.0	2.0	0.0	341.0
1944	0.0	0.0	0.0	13.0	34.0	191.0	26.0	180.0	8.0	27.0	0.0	0.0	479.0
1945	0.0	49.0	11.0	12.0	0.0	0.0	61.0	35.0	23.0	12.0	2.0	0.0	205.0
1946	18.0	0.0	0.0	8.0	36.0	62.0	32.0	18.0	6.0	13.0	0.0	0.0	193.0
1947	0.0	0.0	2.0	10.0	20.0	75.0	77.0	27.0	17.0	40.0	0.0	0.0	268.0
1948	0.0	0.0	0.0	36.0	78.0	28.0	178.0	20.0	0.0	5.0	0.0	0.0	345.0
1949	0.0	0.0	11.0	5.0	136.0	98.0	34.0	29.0	0.0	0.0	0.0	10.0	323.0
1950	0.0	0.0	0.0	84.0	86.0	55.0	0.0	68.0	37.0	0.0	16.0	0.0	346.0
1951	0.0	0.0	0.0	14.0	52.0	133.0	193.0	0.0	21.0	0.0	0.0	0.0	413.0
1952	0.0	0.0	2.0	0.0	77.0	159.0	146.0	10.0	28.0	25.0	0.0	0.0	447.0
1953	4.0	0.0	0.0	12.0	127.0	46.0	61.0	199.0	113.0	6.0	0.0	2.0	570.0
1954	0.0	0.0	0.0	44.0	48.0	96.0	94.0	6.0	8.0	6.0	0.0	0.0	302.0
1955	0.0	0.0	0.0	17.0	101.0	52.0	29.0	34.0	12.0	10.0	4.0	10.0	269.0
1956	18.0	0.0	62.0	23.0	36.0	20.0	132.0	107.0	10.0	0.0	0.0	0.0	408.0
1957	0.0	0.0	0.0	4.0	145.0	14.0	74.0	31.0	10.0	1.0	0.0	28.0	307.0
1958	0.0	0.0	0.0	0.0	151.0	77.0	16.0	59.0	41.0	0.0	0.0	0.0	344.0
1959	8.0	0.0	10.0	89.0	25.0	98.0	72.0	37.0	7.0	13.0	0.0	0.0	359.0
1960	0.0	0.0	0.0	0.0	29.0	110.0	54.0	28.0	2.0	7.0	0.0	0.0	230.0
1961	20.0	0.0	7.0	0.0	9.0	93.0	59.0	48.0	60.0	0.0	0.0	0.0	296.0
1962	0.0	0.0	5.0	0.0	2.0	80.0	6.0	52.0	7.0	15.0	0.0	0.0	167.0
1963	0.0	0.0	14.0	0.0	55.5	46.5	172.5	123.0	80.5	3.0	19.0	0.0	514.0
1964	1.0	0.0	0.0	12.5	0.0	50.5	81.5	89.5	3.0	0.0	0.0	19.0	257.0
1965	0.0	0.0	0.0	28.0	55.0	21.0	264.2	247.5	5.0	38.0	10.0	6.0	654.7
1966	0.0	0.0	0.0	55.5	27.0	171.5	59.0	20.0	0.0	0.0	0.0	16.0	349.0
1967	0.0	0.0	0.0	3.0	57.0	30.5	105.0	20.0	22.0	0.0	10.0	0.0	247.5

MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	167.0
MAX	65.0	49.0	62.0	89.0	202.7	228.7	264.2	247.5	113.0	50.0	27.0	28.0	805.0
PROM	3.9	2.5	6.5	17.0	65.0	92.1	88.6	54.9	19.1	13.2	3.6	3.0	369.5
DESV	12.1	9.3	14.7	24.3	49.9	56.8	67.5	60.8	23.8	14.4	6.8	6.7	139.2
CV	3.1	3.7	2.3	1.4	0.8	0.6	0.8	0.9	1.2	1.1	1.9	2.2	0.4

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

 ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 112 RINCON DE LOS VALLES
 LAT 3257 LON 7046 ALT 950 (MTS)

ANG	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1957	-1.0	-1.0	-1.0	-1.0	258.0	10.0	48.0	20.0	8.5	0.0	0.0	20.0	-1.0
1958	0.0	0.0	0.0	0.0	59.0	76.0	29.0	50.0	6.0	0.0	4.0	0.0	224.0
1959	0.0	0.0	3.0	26.0	33.0	94.0	72.5	75.0	6.0	6.0	0.0	0.0	315.5
1960	0.0	0.0	23.0	-1.0	23.0	95.0	46.0	19.0	6.0	0.0	0.0	0.0	-1.0
1961	-1.0	0.0	5.0	0.0	14.0	131.0	32.0	92.0	8.0	15.0	0.0	2.0	-1.0
1962	0.0	0.0	0.0	0.0	17.0	146.0	14.0	8.0	10.0	11.0	0.0	0.0	206.0
1963	0.0	0.0	4.5	0.0	18.0	59.5	96.0	510.0	163.5	11.5	8.0	0.0	471.5
1964	0.0	0.0	0.0	0.0	0.0	65.0	21.5	49.0	0.0	0.0	0.0	0.0	135.5
1965	0.0	0.0	0.0	13.5	37.5	12.5	179.5	181.0	5.0	7.0	24.5	11.0	471.5
1966	0.0	0.0	0.0	25.0	4.0	184.0	113.0	32.0	0.0	0.0	11.0	9.0	378.0
MIN	0.0	0.0	0.0	0.0	0.0	10.0	14.0	8.0	0.0	0.0	0.0	0.0	135.5
MAX	0.0	0.0	23.0	26.0	258.0	184.0	179.5	510.0	163.5	15.0	24.5	20.0	471.5
PROM	0.0	0.0	3.9	8.1	46.3	87.3	65.1	103.6	21.3	5.0	4.8	4.2	314.6
DESV	0.0	0.0	7.4	11.7	76.3	55.6	51.6	151.4	50.1	5.9	8.0	6.9	132.5
CV	-1.0	-1.0	1.9	1.5	1.6	0.6	0.8	1.5	2.4	1.2	1.7	1.6	0.4

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4 HOYA 308 MATPO SUP 14911 (KM2)

EST 113 CALEU

LAT 3300 LON 7100 ALT 1120 (MTS)

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1957	-1.0	-1.0	-1.0	-1.0	418.0	10.0	150.0	40.0	0.0	0.0	0.0	0.0	-1.0
1958	0.0	0.0	0.0	0.0	95.0	118.0	51.0	0.0	0.0	0.0	0.0	0.0	264.0
1959	0.0	0.0	15.0	30.0	0.0	169.0	138.0	0.0	0.0	0.0	0.0	0.0	352.0
1960	0.0	0.0	0.0	0.0	55.0	233.0	63.0	67.0	9.0	0.0	0.0	0.0	427.0
1961	0.0	0.0	0.0	0.0	330.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	330.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	35.0	1.0	0.0	51.5
1963	2.0	0.0	12.0	0.0	93.0	74.0	298.5	267.5	170.0	0.0	0.0	0.0	917.0
1964	0.0	0.0	0.0	7.0	0.0	102.0	20.5	148.0	0.0	0.0	0.0	0.0	277.5
1965	0.0	0.0	0.0	44.0	56.0	33.5	303.0	384.0	0.5	22.0	7.0	9.0	859.0
1966	0.0	0.0	0.0	79.0	14.0	319.5	307.0	49.0	0.0	0.0	35.0	24.0	827.4
1967	0.0	0.0	0.0	0.0	57.0	76.0	133.0	22.0	57.0	0.0	0.0	0.0	345.0
1968	0.0	0.0	0.0	13.2	0.0	6.6	3.2	4.0	14.9	0.0	0.0	-1.0	-1.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.5
MAX	2.0	0.0	15.0	79.0	418.0	319.5	307.0	384.0	170.0	35.0	35.0	24.0	917.0
PROM	0.2	0.0	2.5	15.7	93.2	95.1	122.3	81.8	22.2	4.8	3.6	3.0	465.0
DESV	0.6	0.0	5.5	25.6	137.1	101.4	121.4	124.2	49.3	11.4	10.1	7.5	295.2
CV	3.3	-1.0	2.2	1.6	1.5	1.1	1.0	1.5	2.2	2.4	2.8	2.5	0.6

490.

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

ZONA 4

HOYA 308 MAIPO

SUP 14911 (KM2)

491.

EST 114 COLINA
LAT 33°18' LON 70°46'

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1912	0.0	0.0	0.0	0.0	61.0	83.0	0.0	40.0	4.0	0.0	0.0	0.0	188.0
1913	0.0	0.0	0.0	0.0	35.0	5.0	94.0	34.0	18.0	0.0	0.0	0.0	186.0
1914	0.0	0.0	0.0	7.0	68.0	186.0	84.0	62.0	76.0	54.0	18.0	0.0	555.0
1915	0.0	0.0	1.0	15.0	70.0	63.0	1.0	9.0	0.0	0.0	0.0	0.0	159.0
1916	0.0	0.0	9.0	8.0	18.0	5.0	91.0	25.0	9.0	0.0	16.0	0.0	181.0
1917	0.0	0.0	0.0	11.0	55.0	96.0	2.0	7.0	32.0	0.0	0.0	0.0	203.0
1918	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1919	0.0	0.0	0.0	47.0	256.0	108.0	168.0	10.0	10.0	4.0	3.0	0.0	606.0
1920	0.0	0.0	0.0	0.0	81.0	52.0	36.0	17.0	0.0	2.0	5.0	31.0	224.0
1921	0.0	0.0	0.0	12.0	268.0	76.0	0.0	46.0	16.0	1.0	0.0	0.0	419.0
1922	0.0	0.0	0.0	0.0	9.0	208.0	44.0	84.0	18.0	19.0	0.0	0.0	382.0
1923	0.0	0.0	0.0	0.0	4.0	57.0	78.0	55.0	0.0	24.0	3.0	0.0	221.0
1924	0.0	0.0	2.0	0.0	0.0	6.0	5.0	10.0	7.0	0.0	0.0	0.0	30.0
1925	0.0	0.0	0.0	2.0	24.0	7.0	82.0	2.0	101.0	7.0	0.0	0.0	226.0
1964	0.0	0.0	-1.0	1.0	0.0	109.0	51.0	62.0	2.0	6.0	0.0	-1.0	-1.0
1965	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1966	0.0	0.0	0.0	26.0	6.9	153.0	127.0	81.0	-1.0	-1.0	-1.0	-1.0	-1.0
1967	4.0	0.0	0.0	2.1	18.0	58.0	48.0	26.0	48.0	36.0	0.9	0.0	241.0
MIN	0.0	0.0	0.0	0.0	0.0	5.0	0.0	2.0	0.0	0.0	0.0	0.0	30.0
MAX	4.0	0.0	9.0	47.0	268.0	208.0	168.0	84.0	101.0	54.0	18.0	31.0	606.0
PRCM	0.3	0.0	0.8	8.2	60.9	79.5	56.9	35.6	22.7	10.2	3.1	2.2	272.9
DESV	1.0	0.0	2.3	12.7	83.1	62.7	50.1	26.9	30.1	16.2	5.9	8.3	159.8
CV	4.0	-1.0	2.9	1.6	1.4	0.8	0.9	0.8	1.3	1.6	1.9	3.7	0.6

NCTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

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*****
PRECIPITACIONES (MM)
*****
ZCNA 4 PCYA 308 MAIPG SLP 14011 (KM2)
FST 115 VILLA FL CCRAEC PRCP 0ME TIPC PV
LAT 2222 LCN 7031
*****
ANC ENE FEB MAR APR MAY JUN JUL AG SEP OCT NOV DIC TOT
*****
1964 0.0 0.0 -1.0 1.0 0.0 109.0 51.0 62.0 2.0 6.0 0.0 -1.0 -1.0
1965 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0
1966 0.0 0.0 0.0 26.0 6.9 153.0 127.0 81.0 -1.0 -1.0 -1.0 -1.0 -1.0
1967 4.0 0.0 0.0 2.1 18.0 58.0 48.0 26.0 48.0 36.0 0.9 0.0 241.0
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492.

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PRECIPITACIONES (MM)
*****
ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
EST 116 CUEBRADA DE LA PLATA
LAT 3333 LON 7046 ALT 600 (MTS)
*****
ANO ENE FEB MAR ABR MAY JUN JUL AG SEP OCT NOV DIC TOT
1966 0.0 0.0 0.0 58.0 12.0 168.0 112.0 64.0 0.0 2.0 26.0 0.0 442.0
1967 0.0 0.0 0.0 9.0 12.0 -1.0 59.0 33.0 51.0 -1.0 0.0 0.0 -1.0
*****

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PRECIPITACIONES (MM)

ZONA 4

HOYA 308 MAIPO

SUP. 14911 (KM2)

EST 117 MARRUECOS

LAT 3334 LCN 7049 ALT 430 (MTS)

494.

ANC	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1933	47.0	7.0	0.0	0.0	57.0	89.0	40.0	76.0	22.0	7.0	0.0	0.0	345.0
1934	0.0	0.0	1.0	0.0	253.0	181.0	14.0	8.0	5.0	29.0	16.0	0.0	507.0
1935	0.0	0.0	0.0	0.0	21.0	91.0	28.0	34.0	20.0	28.0	0.0	0.0	222.0
1936	0.0	0.0	0.0	16.0	157.0	59.0	71.0	63.0	10.0	0.0	0.0	11.0	387.0
1937	0.0	0.0	0.0	0.0	59.0	77.0	98.0	78.0	37.0	11.0	8.0	0.0	368.0
1938	0.0	6.0	26.0	0.0	50.0	35.0	24.0	0.0	0.0	17.0	3.0	0.0	161.0
1939	2.0	0.0	0.0	0.0	71.0	108.0	108.0	18.0	30.0	47.0	0.0	40.0	424.0
1940	0.0	21.0	0.0	10.0	31.0	81.0	218.0	15.0	8.0	9.0	4.0	0.0	397.0
1941	0.0	0.0	7.0	86.0	107.0	113.0	172.0	199.0	0.0	14.0	26.0	0.0	724.0
1942	0.0	0.0	0.0	0.0	34.0	96.0	100.0	129.0	10.0	21.0	45.0	0.0	435.0
1943	0.0	0.0	28.0	6.0	41.0	44.0	39.0	27.0	24.0	23.0	0.0	0.0	232.0
1944	25.0	56.0	0.0	14.7	40.5	172.5	23.7	216.8	0.0	24.5	0.0	0.0	573.7
MIN	0.0	0.0	0.0	0.0	21.0	35.0	14.0	0.0	0.0	0.0	0.0	0.0	161.0
MAX	47.0	56.0	28.0	86.0	253.0	181.0	218.0	216.8	37.0	47.0	45.0	40.0	724.0
PROM	6.2	7.5	5.2	11.1	76.8	95.5	78.0	72.0	13.8	19.2	8.5	4.3	398.0
DESV	14.7	16.5	10.4	24.4	67.1	44.7	64.5	73.5	12.5	12.5	14.1	11.7	156.6
CV	2.4	2.2	2.0	2.2	0.9	0.5	0.8	1.0	0.9	0.6	1.7	2.8	0.4

NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONOCIDOS

PRECIPITACIONES (MM)

 ZONA 4 HOYA 308 MAIPO SUP 14911 (KM2)
 EST 118 PIRQUE
 LAT 3337 LON 7031

495.

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TOT
1967	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	48.5	0.0	0.0	-1.0
1968	-1.0	0.0	14.0	18.8	0.0	-1.0	-1.0	-1.0	-1.0	2.0	-1.0	-1.0	-1.0

PRECIPITACIONES (MM)

ZCMA 4 HCYA 308 MAIPO SLP 14911 (KM2)
 EST 120 PLANGUE EN ECCLERCA PRCP DCA TIPC PV
 LAT 3310 LON 7108 ALT 488 (MTS)

ANO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEPT	OCT	NOV	DIC	TOT
1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0	124.0	82.0	8.0	42.0	0.0	266.0
1951	0.0	0.0	0.0	34.0	87.0	298.0	236.0	8.0	44.0	0.0	0.0	0.0	707.0
1952	0.0	0.0	0.0	0.0	0.0	150.0	176.0	151.0	14.0	23.0	0.0	0.0	551.0
1953	11.0	0.0	0.0	41.0	223.0	36.0	52.0	357.0	165.0	19.0	0.0	0.0	944.0
1954	0.0	0.0	0.0	72.0	-1.0	233.0	100.0	31.0	13.0	2.0	0.0	0.0	-1.0
1955	0.0	0.0	0.0	12.0	53.0	56.0	17.0	67.0	0.0	17.0	0.0	0.0	223.0
1956	0.0	0.0	62.0	9.0	35.0	33.0	188.0	55.0	50.0	0.0	0.0	0.0	472.0
1957	0.0	0.0	0.0	0.0	384.0	19.0	129.0	34.0	26.0	0.0	0.0	55.0	647.0
1958	0.0	0.0	0.0	0.0	231.0	97.0	81.0	136.0	16.0	7.0	0.0	0.0	568.0
1959	0.0	0.0	12.0	27.0	38.0	196.0	150.0	73.0	18.0	26.0	0.0	0.0	540.0
1960	0.0	0.0	0.0	0.0	38.0	156.0	49.5	44.0	15.0	0.0	0.0	0.0	302.5
1961	21.0	0.0	5.0	0.0	24.0	279.0	87.0	167.0	37.0	9.0	0.0	2.0	631.0
1962	0.0	0.0	0.0	0.0	10.0	345.0	31.0	17.0	20.0	27.0	0.0	0.0	450.0
1963	0.0	0.0	7.0	0.0	81.0	75.0	371.0	225.0	128.0	0.0	19.0	0.0	906.0
1964	0.0	0.0	0.0	7.0	0.0	93.0	94.0	203.0	0.0	0.0	0.0	5.0	402.0
1965	0.0	0.0	0.0	33.0	112.0	47.0	390.0	406.0	4.0	24.0	7.0	3.0	1026.0
1966	0.0	0.0	0.0	75.0	7.0	249.0	243.0	47.0	0.0	7.0	16.0	25.0	769.0
1967	0.0	0.0	0.0	4.0	6.0	57.0	206.0	28.0	87.0	0.0	4.0	0.0	446.0
1968	0.0	0.0	0.0	9.0	0.0	24.0	14.0	39.0	31.5	0.0	0.0	0.0	117.5
1969	0.0	0.0	0.0	14.2	42.0	169.0	37.0	76.0	0.0	14.0	0.0	0.0	352.2
1970	0.0	0.0	0.0	0.0	152.0	56.0	278.5	10.0	51.0	28.5	0.0	0.0	576.4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	117.5
MAX	21.0	0.0	62.0	75.0	384.0	349.0	390.0	406.0	165.0	37.0	42.0	55.0	1026.0
PRCM	1.5	0.0	4.1	16.1	86.3	133.0	140.3	105.3	38.6	10.7	4.2	4.3	544.8
DESV	5.1	0.0	13.6	23.0	99.1	112.0	113.0	111.7	43.9	11.9	10.2	12.8	243.0
CV	3.3	-1.0	3.3	1.4	1.1	0.8	0.8	1.1	1.1	1.1	2.4	3.0	0.4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

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NOTA: VALORES NEGATIVOS INDICAN DATOS DESCONEJADOS

PRECIPITACIONES (MM)													

ZONA 4													
FCYA 308 MAIPO SUP 14911 (KM2)													
EST 122 CCLLIGLAY - BOQUERON. FRCP CG# TIFG PV													
LAT 3310 LON 7138 ALT 488 (MTS)													

ANC	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AG	SEP	OCT	NOV	DIC	TCT
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1951	-1.0	-1.0	-1.0	-1.0	85.0	298.0	236.0	8.0	44.0	0.0	0.0	0.0	-1.0
1952	0.0	0.0	0.0	0.0	0.0	176.0	151.0	14.0	23.0	37.0	0.0	0.0	581.0
1953	11.0	0.0	0.0	0.0	41.0	223.0	36.0	92.0	357.0	165.0	0.0	0.0	933.0
1954	0.0	0.0	0.0	0.0	72.0	1.0	233.0	100.0	31.0	13.0	2.0	0.0	-1.0
1955	0.0	0.0	0.0	0.0	12.0	53.0	56.0	17.0	67.0	0.0	17.0	0.0	222.0
1956	0.0	0.0	62.0	0.0	9.0	35.0	33.0	192.0	95.0	50.0	0.0	0.0	476.0
1957	0.0	0.0	0.0	0.0	0.0	38.0	34.0	129.0	34.0	26.0	0.0	55.0	647.0
1958	0.0	0.0	0.0	0.0	0.0	31.0	57.0	181.0	136.0	16.0	7.0	0.0	568.0
1959	0.0	0.0	12.0	0.0	27.0	38.0	156.0	150.0	73.0	18.0	26.0	0.0	540.0
1960	0.0	0.0	0.0	0.0	0.0	38.0	156.0	72.0	44.0	15.0	0.0	0.0	325.0
1961	21.0	0.0	5.0	0.0	0.0	24.0	279.0	87.0	167.0	27.0	9.0	0.0	631.0
1962	0.0	0.0	0.0	0.0	0.0	10.0	345.0	31.0	17.0	20.0	27.0	0.0	450.0
1963	0.0	0.0	7.0	0.0	0.0	81.5	75.0	371.0	225.0	128.0	0.0	19.0	906.5
1964	0.0	0.0	0.0	0.0	7.0	0.0	93.0	94.0	203.0	0.0	0.0	5.0	492.0
1965	0.0	0.0	0.0	0.0	0.0	112.0	47.0	392.0	406.0	4.0	24.0	7.0	1055.0
1966	0.0	0.0	0.0	0.0	75.0	7.0	349.0	243.0	47.0	0.0	7.0	16.0	769.0
1967	0.0	0.0	0.0	0.0	4.0	60.0	57.0	206.0	28.0	87.0	0.0	4.0	446.0
1968	0.0	0.0	0.0	0.0	9.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
MIN	0.0	0.0	0.0	0.0	0.0	19.0	17.0	8.0	0.0	0.0	0.0	0.0	222.0
MAX	21.0	0.0	62.0	75.0	384.0	349.0	392.0	406.0	165.0	37.0	19.0	55.0	1055.0
PRCM	1.9	0.0	5.1	17.0	97.6	149.7	155.5	114.8	38.0	10.3	2.7	6.9	596.8
DESV	5.3	1.1	15.1	24.7	105.9	114.4	107.2	120.6	46.8	12.2	5.9	15.4	234.2
CV	3.1	1.1	3.0	1.5	1.1	0.8	0.7	1.1	1.2	1.2	2.2	2.2	0.4
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

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NOTA: VALORES NEGATIVOS INDICAN DATOS DESCENCCIDOS