I-2222.5

INGEOMINAS

ANEXO A.

I-2222.5

INGEOMINAS

ANEXO A. HIDROMETEOROLOGIA Y BALANCES HIDRICOS



A.1 REGISTRO DE LA PRECIPITACION

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mms)

FECHA DE PROCESO : 940506

ESTACION : 2801013 SARACHUI

LATITUD	1047 N	TIPO EST	PM	DEPTO	CESAR
LONGITUD	7324 W	ENTIDAD	01 HIMAT	MUNICIPIO	VALLEDUPAR
ELEVACION	1560 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	GUATAPURI

FECHA-INSTALACION 1968-ABR

FECHA-SUSPENSION

AÑO	EST	ENT	ENERO *	FEBRE *	MARZO *	ABRIL *	MAYO *	JUNIO *	JULIO *	AGOST *	SEPTI *	OCTUB *	NOVIE *	DICIE *	VR ANUAL *
1968	2	01				177.0	613.5	428.5	82.0	273.0	264.5	475.0	340.0	15.5	2669.0 3
1969	2	01	99.0	76.0	28.0	563.0	428.0	368.0	90.0	457.0	407.0	773.8	478.9	34.6	3803.3
1970	2	01	241.4	1.2	192.0	76.0	371.0	180.0	292.0	198.0	426.0	548.0	640.0	264.0	3429.6
1971	2	01	107.0	21.0	125.5	375.0	393.0	47.5	36.0	317.0	289.0	290.0	335.0	8.0	2344.0
1972	2	01	37.0	132.0	276.0	445.0	514.0	217.0	91.0	143.0	291.0	249.5	73.0	62.0	2530.5
1973	2	01	21.0	4.5	68.0	232.5	207.0	397.5	133.0	402.0	517.0	595.0	629.0	36.0	3242.5
1974	2	01		46.0	86.5	167.0	580.0	72.0	55.0	173.0	286.5	651.0	692.0	8.5	2817.5 3
1975	2	01	.0	63.0	26.5	77.5	578.5	253.5	273.5	421.0	526.0	519.0	545.0	213.5	3497.0
1976	2	01	4.0	6.0	50.5	365.5	228.5	177.0	34.0	256.6	216.5			65.0	1403.6 3
1977	2	01	38.0	.0	20.0	55.0	469.0	150.0	85.0	214.0	413.5	566.9	483.5	100.0	2594.9
1978	1	01	10.0	107.5	415.0	813.0	531.0	137.0	171.0	138.0	314.0	458.0	291.0	47.5	3433.0
1979	2	01	13.5	21.0	96.0	325.0	431.0	398.0	75.0	350.0	574.0	902.0	775.0	202.0	4162.5
1980	2	01	27.0	44.0	.0	229.0	513.0	84.0	117.0	281.0	455.0	345.0	331.0	353.0	2779.0
1981	2	01	27.0	73.0	163.0	543.0	848.0	291.0	161.0	456.0	230.0	706.0	160.0	60.0	3718.0
1982	2	01	65.0	60.0	40.0	377.0	710.0	306.0	96.0	149.0	186.0	494.0	185.0	34.0	2702.0
1983	2	01	15.0	65.0	90.0	722.0	443.0	216.0	120.0	249.0	174.0	365.0	203.0	.0	2662.0
1984	2	01	25.0	169.0	40.0	134.0	121.0	222.0	32.0	95.0	144.0	136.0	106.0	.0	1224.0
1985	2	01	.0	32.0	30.0	247.0	299.0	122.0	32.0	100.0	246.0	337.0	204.0	174.0	1817.0
1986	2	01	.0	27.8 3	6.8	613.0	655.3	187.0	.0	172.0	456.0	559.0	219.0	.0	2895.9 3
MEDIOS			42.9	52.7	97.4	344.0	470.2	223.9	104.0	255.0	337.4	498.3	371.7	88.3	2885.9
MAXIMOS			241.4	169.0	415.0	813.0	848.0	428.5	292.0	457.0	574.0	902.0	775.0	353.0	902.0
MINIMOS			0.0	0.0	0.0	55.0	121.0	47.5	0.0	95.0	144.0	136.0	73.0	0.0	0.0

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H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mms)

FECHA DE PROCESO : 940506

ESTACION : 2801036 ATANQUEZ

LATITUD	1042 N	TIPO EST	PM	DEPTO	CESAR
LONGITUD	7322 W	ENTIDAD	01 HIMAT	MUNICIPIO	VALLEDUPAR
ELEVACION	800 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	BADILLO

FECHA-INSTALACION 1959-ABR

FECHA-SUSPENSION

AÑO	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL
1959	3	02				17.0	140.0	48.0	17.0	216.0	88.0	329.0	32.0	.0	887.0 3
1960	4	02	.0	5.0	19.0	175.0	301.0	97.0	70.0	171.0		176.0	146.0	75.0	1235.0 3
1961	3	02	.0	.0	60.0	76.0	51.0	23.0	145.0	116.0	126.0	408.0	417.0	65.0	1487.0
1962	4	02	.0	.0	89.0	110.0	120.0	171.0	92.0	52.0	159.0	363.0	119.0	33.0	1307.0
1963	4	02	.0	26.0	40.0	106.0	428.0	55.0	84.0	116.0	165.0	306.0	142.0	15.0	1483.0
1964	4	02	.0	85.0	17.0	61.0	199.0	112.0	65.0	35.0	65.0	191.0	80.0	.0	910.0
1965	4	02	.0	11.0	.0	28.0	241.0 8	97.9 8	*	64.0	251.0	229.0	187.0	.0	1108.9 3
1966	4	02	.0	.0	.0	29.0	241.0 8	97.9 8	167.0	44.0	161.0	293.0	255.0	193.0	1480.9
1967	4	02	.0	.0	.0	98.0	51.0	94.0	156.0	61.0	176.0	186.0	159.0	35.0	1016.0
1968	4	02	9.0	10.0	.0	28.0	388.0	126.0	21.0	196.0	140.0	351.0	92.0	.0	1361.0
1969	2	01	28.0	24.0	39.0	304.0	307.0	222.0	.0	134.0	167.0	404.0	485.0	15.0	2129.0
1970	2	01	50.0	.0	141.0	36.0	185.0	45.0	51.5	74.0	160.0	180.5	279.0	69.0	1271.0
1971	2	01	84.0	9.0	.0	117.0	328.0	.0	27.0	91.0	152.0	195.0	104.0	.0	1107.0
1972	2	01	19.0	47.0	15.0	194.0	237.0	151.0	6.0	35.0	288.0	289.6 8	10.0	28.0	1319.6
1973	2	01	12.0	.0	49.0	124.0	44.0	92.0	66.0	74.0	169.0	284.0	62.0	.0	976.0
1974	2	01	.0	.0	23.0	83.0	100.0 3	11.0	25.0	47.0	172.0	109.0	232.0	.0	802.0 3
1975	2	01	.0	.0	.0	58.0	190.0	74.0	25.0	81.0	122.0	145.0	83.0	17.0	795.0
1976	2	01	.0	.0	.0	120.0	41.0	145.0	47.0	136.0	60.0	180.0	201.4 8	.0	930.4
1977	2	01	85.0	.0	.0	125.0	629.0	182.0	.0	125.5 8	185.6 8	381.0	546.0	.0	2259.1
1978	2	01	19.0	121.0	336.0	332.0	144.0	47.0	.0	323.0	150.0	430.0	110.0	72.0	2084.0
1979	2	01	.0	33.0	26.0	359.0	230.0	16.0	.0	242.0	951.0	855.0	672.0	59.0	3443.0
1980	2	01	.0	79.0	.0	223.0	345.0	279.0	37.0	156.0	128.0	198.0	140.0	62.0	1647.0
1981	2	01	.0	.0	110.0	855.0	904.0	494.0	42.0	277.0	414.0	473.0	18.0		3587.0 3
1982	2	01		.0	.0	159.0	603.0	66.0	26.0	298.0	84.0	87.0	19.0	.0	1342.0 3
1983	2	01	.0	45.0	97.0	262.0	358.0	265.0	77.0	192.0	259.0	312.0	29.0	.0	1896.0
1984	2	01	.0	1.0	.0	62.0	4.0	39.0	30.0	376.0	690.1	483.0	1110	.0	2795.1
1985	2	01	.0	34.0	.0	100.0	126.0	26.0	150.0	342.0	363.0	103.1 4	309.0	117.0	1670.1
1986	2	01	5.0	33.0	31.0	448.0	345.0	65.0	59.0	288.0	320.0	398.5	245.0	114.0	2351.5
MEDIOS			12.0	20.9	40.4	167.5	260.0	112.2	55.0	155.8	228.4	297.8	224.4	35.9	1610.2
MAXIMOS			85.0	121.0	336.0	855.0	904.0	494.0	167.0	376.0	951.0	855.0	1110	193.0	1110.0
MINIMOS			0.0	0.0	0.0	17.0	4.0	0.0	0.0	35.0	60.0	87.0	10.0	0.0	0.0

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mms)

FECHA DE PROCESO : 940506 ESTACION : 2801009 PATILLAL

LATITUD	1043 N	TIPO EST	PM	DEPTO	CESAR	FECHA-INSTALACION	1962-DIC
LONGITUD	7313 W	ENTIDAD	01 HIMAT	MUNICIPIO	VALLEDUPAR	FECHA-SUSPENSION	
ELEVACION	450 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	AY MALENA		

AÑO	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL
1963	4	09	4.0	12.0	70.0	269.0	191.0	56.0	82.0	127.0	57.0	251.0	93.0	23.0	1235.0
1964	4	09	.0	60.0	5.0	76.0	229.0	111.0	66.0	82.0	71.0	111.0	39.0	.0	850.0
1965	4	09	.0	1.0	.0	.0	138.0	22.0	45.0	152.0	210.0	121.0	70.0	35.0	794.0
1966	4	09	.0	.0	50.0	63.0	401.0	290.0	100.0	165.0	125.0	152.0	205.0	86.0	1637.0
1967	4	09	60.0	25.0	.0	53.0	80.0	.0	45.0	70.0	.0	70.0	.0	32.0	435.0
1968	4	09	35.0	.0	.0	131.0	228.0	30.0	.0	32.0	88.0	63.0	232.0	.0	839.0
1969	4	09	5.0	12.0	12.0	190.0	159.0	196.0	66.0	84.0	96.0	203.0	166.0	7.0	1196.0
1970	2	01	147.0	.0	14.0	54.0	171.2	110.3	53.5	68.7	164.0	190.0	198.0	34.0	1204.7
1971	2	01	125.0	.0	18.0	91.0	213.0	33.0	27.0	77.0	166.0	297.0	72.0	.0	1119.0
1972	2	01	5.0	.0	46.0	201.0	186.0	160.0	30.0	97.0	138.0	96.0	46.0	2.0	1007.0
1973	2	01	39.0	.0	27.0	134.0	94.0	130.0	112.0	277.0	211.0	278.0	139.0	.0	1441.0
1974	2	01	.0	.0	26.0	48.0	260.0	35.0	15.0	100.0	249.0	222.0	318.0	.0	1273.0
1975	2	01	.0	.0	.0	.0	196.0	52.0	88.0	92.0	121.0	247.0	256.0	32.0	1084.0
1976	2	01	.0	.0	.0	97.0	170.0	39.0	29.0	108.0	106.0	188.0	138.0	.0	875.0
1977	2	01	.0	.0	.0	109.0	298.0	50.0	31.0	174.0	77.0	282.0	137.0	.0	1158.0
1978	2	01	.0	112.0	150.0	220.0	194.0	108.0	44.0	190.0	52.0	183.0	123.0	8.0	1384.0
1979	2	01	.0	16.0	8.0	197.0	203.0	196.0	44.0	259.0	115.0	447.0	129.0	18.0	1632.0
1980	2	01	.0	51.0	.0	91.0	201.0	145.0	270.0	104.0	170.0	181.0	25.0	142.0	1380.0
1981	2	01	41.0	17.0	85.0	313.0	356.0	267.0	44.0	174.0	212.0	216.0	42.0	.0	1767.0
1982	2	01	1.0	24.0	4.0	258.0	347.0	78.0	43.0	263.0	221.0	191.0	55.0	.0	1485.0
1983	2	01	5.0	10.0	5.0	184.0	219.0	164.0	94.0	123.0	119.0	296.0	37.0	.0	1256.0
1984	2	01	15.0	.0	.0	71.0	66.0	129.0	119.0	98.0	226.0	302.0	220.0	.0	1246.0
1985	2	01	.0	.0	.0	135.0	132.0	99.0	129.0	121.0	187.0	138.0	94.0	90.0	1125.0
1986	2	01	.0	90.0	.0	239.0	482.0	87.0	58.0	167.0	104.0	223.0	35.0	5.0	1490.0
MEDIOS			20.1	17.9	21.7	134.3	217.3	107.8	68.1	133.5	136.9	206.2	119.5	21.4	1204.7
MAXIMOS			147.0	112.0	150.0	313.0	482.0	290.0	270.0	277.0	249.0	447.0	318.0	142.0	482.0
MINIMOS			0.0	0.0	0.0	0.0	66.0	0.0	0.0	32.0	0.0	63.0	0.0	0.0	0.0

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mm)

FECHA DE PROCESO : 940506

ESTACION : 2801014 VILLA CARMELITA

LATITUD	1032 N	TIPO EST	PM	DEPTO	CESAR	FECHA-INSTALACION	1968-SEP
LONGITUD	7318 W	ENTIDAD	01 HIMAT	MUNICIPIO	VALLEDUPAR	FECHA-SUSPENSION	
ELEVACION	450 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	GUATAPURI		

AÑO	EST	ENT	ENERO *	FEBRE *	MARZO *	ABRIL *	MAYO *	JUNIO *	JULIO *	AGOST *	SEPTI *	OCTUB *	NOVIE *	DICIE *	VR ANUAL *
1968	4	09									121.0	336.0	90.0	4.0	551.0 3
1969	2	01	8.0	27.0	78.0	266.5	223.0	246.0	46.0	296.5	.0	.0	90.0	4.0	1285.0
1970	2	01		.0	11.0	9.0 3	310.0	127.0	172.0	215.0	148.0	211.5	205.4	72.3	1481.2 3
1971	2	01	90.0	.0	76.0	201.0	255.0	21.0	21.0	68.0	170.0	156.0	4.0	127.0	1189.0
1972	2	01	57.0	48.0	139.0	150.0	154.0	*	30.0	90.0	160.0	96.0	35.0	55.0	1014.0 3
1973	2	01	5.0	.0	40.0	90.0	117.0	163.0	148.0	342.0	423.0	343.0	140.0	20.0	1831.0
1974	2	01	.0	.0							407.0	213.0			620.0 3
1975	2	01	.0	.0	23.0	11.0	169.0	20.0	156.0	215.0	156.0	283.0	479.0 3		1512.0 3
1976	2	01			1.0	95.0	32.0	5.0	28.0	18.0	43.0	31.0	131.0	23.0	407.0 3
1977	2	01	32.0	.0	.0	53.0	353.0	126.0	18.0	18.0	118.0	*	139.0	.0	857.0 3
1978	2	01	.0	50.0	131.0	304.0	112.0	76.0	130.0	50.0	335.0	4	226.0	.0	1414.0 3
1979	2	01	1.0	15.0	75.0	280.0	221.0	383.0	1184	134.0	66.0	595.0	151.0	66.0	3171.0
1980	2	01	3.0			*	63.0	145.2	27.0	132.0	178.0	247.0	159.0	88.0	1042.2 3
1981	2	01	15.0	3.0	43.0	234.0	630.0	361.0	67.0	242.0	89.0	544.0	94.0	21.0	2343.0
1982	2	01	.0	20.0	2.0	260.0	365.0	55.0	20.0	83.0	85.0 3		23.0		913.0 3
1983	2	01			18.0	114.5	229.0	191.0	124.0	110.6	159.0	368.0	97.0	.0	1411.1 3
1984	2	01	38.0	16.0	*	370.0	105.0	292.0	358.0	325.0	199.5	154.9	585.0	.0	2443.4 3
1985	2	01	.0	.0	100.0	630.0	221.0	361.0	92.5	60.4	96.0	288.5	73.1	159.5	2082.0
1986	2	01	.0	182.2	49.5	225.9	404.4	87.1	130.4	252.8	260.4	590.0	106.0	.0	2288.7
MEDIOS			16.6	24.1	52.4	205.9	233.1	166.2	161.9	156.0	169.2	278.6	157.1	40.0	1661.0
MAXIMOS			90.0	182.2	139.0	630.0	630.0	383.0	1184	342.0	423.0	595.0	585.0	159.5	1184.0
MINIMOS			0.0	0.0	0.0	9.0	32.0	5.0	18.0	18.0	0.0	0.0	4.0	0.0	0.0

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mm)

FECHA DE PROCESO : 940506

ESTACION : 2804017 CUEVAS LAS

LATITUD	1028 N	TIPO EST	PG	DEPTO	CESAR	FECHA-INSTALACION	1963-JUN
LONGITUD	7334 W	ENTIDAD	01 HIMAT	MUNICIPIO	VALLEDUPAR	FECHA-SUSPENSION	
ELEVACION	1260 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	ARIGUANI		

AÑO	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL
1961	4	09	38.5 6	37.9 6	51.4 6	159.2 6	166.3 6	161.9 6	205.9 6	173.0 6	286.2 6	347.7 6	238.1 6	65.6 6	1980.7
1962	4	09	55.5 6	44.9 6	94.2 6	150.0 6	328.7 6	297.3 6	183.4 6	340.8 6	257.4 6	458.6 6	154.0 6	54.1 6	2418.9
1963	4	09	111.5 6	106.8 6	103.4 6	305.7 6	409.1 6	295.5 6	157.0	210.0	403.0	213.0	140.0	21.5	2476.5
1964	4	09	12.0	11.0	.0	70.0	347.0	195.5	265.5	274.5	306.0	297.0	195.0	.0	1978.5
1965	4	09	.0	35.0	65.0	65.0	410.0	115.0	146.0	302.0	460.0	1334	883.0	122.0	3936.0
1966	4	09	35.0	133.0	125.0	124.0	546.0	437.0	181.0	259.7 6	344.1 6	325.2 6	444.0	176.0	3130.0
1967	4	09	61.7 6	37.0 6	78.9 6	111.9 6	112.8 6	199.2 6	168.9 6	150.1 6	237.4 6	243.7 6	214.0 6	39.4 6	1660.0
1968	4	09	42.1 6	49.0 6	36.6 6	131.1 6	336.8 6	243.6 6	52.2 6	144.5 6	119.0 3	270.4	158.0	11.0	1593.9 3
1969	2	01	.0	52.0	24.0	325.0	210.0	289.0	76.0	454.0	193.0	292.0	288.0	18.0	2161.0
1970	2	01	64.0	12.0	32.0	122.0	273.0	160.0	228.0	377.0	160.0	276.0	105.0	111.0	1918.0
1971	2	01	33.0	27.0	64.0	152.0	468.0	121.0	169.0	165.0	413.0	281.1 6	160.1 6	37.2 6	2069.4
1972	2	01	57.1 6	71.5 6	109.7 6	268.0 6	214.1 6	129.0 6	90.8 6	343.0	432.0	369.0	63.1 6	46.4 6	2193.7
1973	2	01	6.0	.0	83.9	179.0	205.4	302.0	219.2	319.0	314.0	294.0	231.0	99.0	2137.5
1974	2	01	.0	.0	13.0	38.5	346.5	106.0	119.5	200.5	377.0	417.2 6	242.2 6	.0	1860.4
1975	2	01	.0	.0	42.0	103.0	298.0	198.0	218.0	299.5	253.5	263.5 3	263.0	111.0	2048.5 3
1976	2	01	5.0	3.5	2.0	151.0	83.0 6	97.0 6	285.0 3	128.7	140.0	203.0	60.0	60.0	1268.2 3
1977	2	01	.0	3.0	.0	155.0	380.0	168.0	88.0	177.0	312.0	356.0	280.0	18.0	1937.0
1978	2	01	10.0	50.0	187.0 3	222.0	288.0	217.0	123.0	126.0	322.0	341.9 6	145.2 6	88.0 3	2121.1 3
1979	2	01	47.4 6	11.0	94.0	176.0	202.0	191.0	171.0	159.0	188.0	340.0	237.0	58.0	1876.4
1980	2	01	63.0	21.0	8.0	194.0	317.0	217.0	276.0	246.0	157.0	208.0	*	101.0	1808.0 3
1981	2	01	.0	58.0	41.0	275.0	305.0	224.0	207.0	295.0	242.0	388.0	163.0	*	2398.0 3
1982	2	01	32.0	32.0	14.0	361.0	297.0	187.0	44.0	101.0	450.0	135.0	119.0	*	1773.0 3
1983	2	01	31.0	34.0	36.0	92.0	359.0 3	250.0	304.0	293.0 3	193.0	753.0	10.0	*	1990.0 3
1984	2	01	*	*	*	*	18.0	280.0 3	201.0	562.0	135.0	132.0	115.0	42.0	1185.0 3
1985	2	01	32.0	23.0	.0	176.0	247.0	166.0	80.0	135.0	137.0	*	*	*	996.0 3
MEDIOS			30.7	35.5	54.4	169.0	294.7	209.9	170.3	237.6	275.4	339.2	210.7	60.9	2088.4
MAXIMOS			111.5	133.0	187.0	361.0	546.0	437.0	304.0	454.0	460.0	1334	883.0	176.0	1334.0
MINIMOS			0.0	0.0	0.0	38.5	18.0	97.0	44.0	101.0	119.0	132.0	10.0	0.0	0.0

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mms)

FECHA DE PROCESO : 940506

ESTACION : 2804001 PUEBLO BELLO

LATITUD	1025 N	TIPO EST	. PM	DEPTO	CESAR
LONGITUD	7335 W	ENTIDAD	01 HIMAT	MUNICIPIO	VALLEDUPAR
ELEVACION	1000 m.s.n.m.	REGIONAL	02 ATLANTICO	CORRIENTE	ARIGUANI

FECHA-INSTALACION 1963-ENE

FECHA-SUSPENSION

A#O	EST	ENT	ENERO *	FEBRE *	MARZO *	ABRIL *	MAYO *	JUNIO *	JULIO *	AGOST *	SEPTI *	OCTUB *	NOVIE *	DICIE *	VR ANUAL *
1963	4	02	74.0	93.0	30.0	327.0	499.0	273.0	192.0	154.0	323.0	399.0	344.0	35.0	2668.0
1964	4	03	.0	51.0	102.0	134.0	285.0	454.0	281.0	299.0	341.0	357.0	167.0	.0	2471.0
1965	4	03	2.9	4.8	30.6	49.4	326.6	95.8	147.9	210.4	155.7	357.9	415.6	21.9	1819.5
1966	4	02	67.0	21.0	65.8 8	152.8 8	276.6 8	235.9 8	131.4 8	238.1 8	263.1 8	305.0 8	319.5 8	*	1974.2 3
1967	4	02	17.0	4.0	29.0	107.0	184.0	307.0	196.0	134.0	252.0	253.0	190.0	16.0	1689.0
1968	4	02	7.0	3.0	17.0	85.0	333.0	284.0	29.0	72.0	375.0	215.0	.0	.0	1420.0
1969	2	01	22.6 8	22.3 8	65.8 8	288.2	181.2	438.6	89.0	566.9	280.2	428.0	430.8	120.2	2983.8
1970	2	01	93.0	9.0	73.0	102.0	265.5	376.0	283.0	439.0	417.0	381.0	148.0	170.0	2806.5
1971	2	01	60.0	25.0	66.0	95.0	372.0	158.0	114.0	249.0	246.0	226.0	132.0	.0	1793.0
1972	2	01	20.0	47.0	105.0	283.0	212.0	107.0	71.0	189.0	146.0	315.0	89.0	7.0	1591.0
1973	2	01	30.0	.0	86.0	96.0	127.0	307.0	163.0	298.0	274.0	264.0	159.0	178.0	1982.0
1974	2	01	.0	.0	26.0 3	38.0	303.0	97.0	113.0	167.0	282.0	446.0	234.0	.0	1706.0 3
1975	2	01	.0	43.0	29.0	56.0	424.0	173.0	140.0	285.0	175.0	250.0	193.0	75.0	1843.0
1976	2	01	.0	.0	21.0	317.0	69.0	78.0	61.0	202.0	251.0	200.0	97.0	19.0	1315.0
1977	2	01	2.0	7.0	2.0	74.0	275.0	130.0	61.0	166.0	269.0	420.0	251.0	.0	1657.0
1978	2	01	.0	10.0	162.0	249.0	267.0	247.0	120.0	161.0	283.0	270.0	117.0	72.0	1958.0
1979	2	01	10.0	29.0	105.0	193.0	292.0	281.0	111.0	218.0	311.0	226.0	385.0	10.0	2171.0
1980	2	01	.0	27.0	.0	140.0	271.0	215.0	146.0	267.0	220.0	281.0	255.0	55.0	1797.0
1981	2	01	.0	118.0	55.0	226.0	482.0	428.0	158.0	519.0	873.0	1213	839.0		4911.0 3
1982	2	01	.0	.0	51.0	327.0	67.0	78.0	45.0	42.0	77.0	93.0	17.0	24.0	821.0
1983	2	01	24.0	40.0	93.0	217.0	336.0	304.0	161.0	236.0	259.0	1143	163.0	12.0	3038.0
1984	2	01	.0	109.0	36.0	219.0	248.0	114.0	54.0	398.0	600.0	886.0	507.0	28.0	3149.0
1985	2	01	.0	10.0	19.0	103.0	410.0	88.0	61.0	530.0	516.0	375.0	271.0	106.0	2489.0
1986	2	01	8.0	212.0	33.0	235.0	238.0	59.0	10.0	103.0	246.0	490.0	130.0	8.0	1764.0
MEDIOS			18.2	36.9	54.3	171.4	281.0	222.0	122.4	256.0	309.8	406.8	242.5	43.5	2164.8
MAXIMOS			93.0	212.0	162.0	327.0	499.0	454.0	283.0	566.9	873.0	1213	839.0	178.0	1213.0
MINIMOS			0.0	0.0	0.0	38.0	67.0	59.0	10.0	42.0	77.0	93.0	0.0	0.0	0.0

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mm)

FECHA DE PROCESO : 940506

ESTACION : 2804501 PUEBLO BELLO

LATITUD	1022 N	TIPO EST	CO	DEPTO	CESAR	FECHA-INSTALACION	1954-FEB
LONGITUD	7338 W	ENTIDAD	03 INC	MUNICIPIO	VALLEDUPAR	FECHA-SUSPENSION	
ELEVACION	1000 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	ARIGUANI		

AÑO	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL
1954	3	03	.0	58.0	48.0	38.0	322.6	413.1	244.7	185.5	229.8	521.2	268.4	35.0	2364.3
1956	4	03	98.4	30.2	97.8	174.9	275.2	114.3	196.3	190.8	322.8	461.0	99.2	.0	2060.9
1957	4	03			40.0	46.6	278.3	97.1	122.0	153.1	217.2	406.6	210.9	100.3	1672.1 3
1958	2	01	120.8	55.6	12.4	68.5	267.7	116.3	141.6	274.8	206.4	204.5	28.3	15.7	1563.6
1959	4	03	4.5	6.2	13.7	216.8	211.0	424.6	119.9	257.7	458.2	528.0	161.4	28.9	2430.9
1960	4	03	5.1	6.6	11.1	113.1	500.6	243.9	265.3	232.3	273.4	319.3	389.1	80.5	2360.3
1961	4	03	2.3	1.6	17.7	146.6	155.0	149.8	202.4	161.8	298.4	436.1	240.9	34.7	1847.3
1962	4	03	.0	9.9	68.8	135.5	349.1	311.6	175.5	363.6	283.9	504.4	140.3	20.9	2343.5
1963	4	03	89.5	83.9	79.8	321.6	445.2	309.5	179.7	140.6	334.5	281.6	220.4	8.5	2494.8
1964	4	03	1.5	56.0	79.1	97.9	307.0	448.1	196.5	270.0	224.9	298.8	215.7	.8	2196.3
1965	4	03	2.9	4.8	30.6	49.4	326.6	95.8	147.9	210.4	155.7	358.4	415.6	21.9	1820.0
1966	4	03	83.8	17.9 8	42.4	74.3	272.5	258.1 8	165.3	266.7	367.5	345.0 8	422.2	289.6	2605.3
1967	4	03	30.0	.5	50.6 8	90.0	91.1	194.4	158.1	135.7	240.0	253.5	212.0	3.4	1459.3
1968	4	03	6.6	14.8	.0	113.0	358.8	247.4	18.7	129.0	396.1	286.1	270.8	10.5	1851.8
1969	4	03	22.6 8	17.9 8	50.6 8	288.2	181.2	438.6	89.0	566.9	260.2 4	432.8	490.8	120.2	2969.0
1970	4	03	76.9	11.3	90.3	194.3	276.8	403.1	275.3	450.2	353.8	436.5	230.3	114.5	2848.3
1971	4	03	31.3	13.7	68.6	87.7	394.7	96.2	115.2	200.5	209.4	268.3	147.5	.7	1633.9
1972	4	03	24.5	41.7	87.4	276.6	212.2	110.4	64.8	175.7	146.7	241.5	31.7	11.7	1424.9
1973	4	03	24.8	7.3	76.5	90.6	144.1	283.4	182.3	309.3	246.2	196.2	196.9	167.6	1925.2
1974	4	03	.0	.0	25.6	32.9	379.8	106.3	104.0	59.1	308.1	454.9	245.7	1.3	1717.7
1975	4	03	.0	15.7	85.3	45.1	431.0	222.2	121.1	17.5	254.0	132.8	206.3	112.2	1633.2
1976	4	03	3.4	.2	14.0	86.4	55.4	72.2	56.0	192.9	261.0	298.3	109.0	14.1	1162.9
1977	4	03	2.1	1.8	2.5	82.4	284.7	165.7	82.5	241.1	341.5	473.4	295.8	2.9	1976.4
1978	4	03	2.5	8.1	139.5	287.9	313.1	195.4	106.4	192.2	326.7	364.9	131.0	47.5	2115.2
1979	4	03	12.9	35.1	68.5	179.1	192.7	251.3	99.7	220.5	214.6	345.0 8	493.5	56.7	2169.6
1980	4	03	47.7	38.3	10.5	169.4	313.0	160.0	121.2	316.5	261.0	186.7	217.8 3	112.8	1974.9 3
1981	4	03	13.9	92.8	49.5	234.6	389.4	285.5	135.8	394.3	322.3	299.9	205.2	83.4	2496.6
1982	4	03	.0	44.2	10.1	151.3	500.1	192.8	76.8	145.1	280.1	175.5	87.8	9.3	1675.1
1983	4	03	16.6	73.5	65.8	225.7	262.0	246.1	200.8	195.1	244.8	376.4	111.8	31.8	2050.4
1984	4	03	.0	129.5	20.1	174.8	191.2	291.3	238.9	306.1	307.3	369.8	228.4	.0	2257.4
1985	4	03	.0	.0	30.4	95.8	268.4	194.0	109.0	473.0	298.9	380.7	259.3	95.6	2305.1
1986	4	03	12.6	93.8	9.8	287.4	296.6	104.9	28.5	62.0	184.0	296.0	154.0	.0	1529.6
1987	4	03	25.5	12.1	181.7	190.5	67.5 3	18.7	84.9	166.0	376.0	502.0	76.8	90.2	1791.9 3
MEDIOS			23.8	30.7	50.9	145.8	282.3	220.1	140.2	232.0	279.0	346.2	217.4	52.2	2020.7
MAXIMOS			120.8	129.5	181.7	321.6	500.1	448.1	275.3	566.9	458.2	528.0	493.5	289.6	566.9
MINIMOS			0.0	0.0	0.0	32.9	55.4	18.7	18.7	17.5	146.7	122.8	31.7	0.0	0.0

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION
HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mm)

FECHA DE PROCESO : 940506

ESTACION : 28025A02 RINCON EL

LATITUD	1016 N	TIPO EST	CO	DEPTO	CESAR	FECHA-INSTALACION	1964-FEB
LONGITUD	7310 W	ENTIDAD	01 HIMAT	MUNICIPIO	SAN DIEGO	FECHA-SUSPENSION	
ELEVACION	350 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	JOBO		

AÑO	EST	ENT	ENERO *	FEBRE *	MARZO *	ABRIL *	MAYO *	JUNIO *	JULIO *	AGOST *	SEPTI *	OCTUB *	NOVIE *	DICIE *	VR ANUAL *
1964	4	11		*	11.4	77.2	108.9	314.9	128.4	90.2	191.4				922.4 3
1966	4	12									37.9 3	105.6 3	174.6 3	44.3	362.4 3
1967	4	11							64.5	125.7	256.4	179.9	70.2 3	11.9 3	708.6 3
1968	4	11	13.6	45.8 3	3.2	105.5	141.2	142.7	18.2	256.3 3	213.3	225.1	116.8	5.0 3	1286.7 3
1969	2	01	118.0	40.9	76.6	153.1	170.3	70.4	88.6	144.1	128.0	315.5	162.1	44.0	1511.6
1970	2	01	88.2	.0	34.0	93.0	110.2	154.2	124.1	255.3	165.1	168.0	148.0	82.1	1442.2
1971	2	01	24.8	27.4	153.0	157.0	276.8	96.0		34.0	317.0		155.0	.0	1241.0 3
1972	2	01	122.0	57.0	98.0	204.0	102.7	96.0	29.0	93.0	213.0	159.2	60.0	26.0	1259.9
1973	2	01	8.0	.0	34.0	93.0	113.0	119.0	55.6	74.7	157.4 3	133.3	137.5	23.9	949.4 3
1974	2	01	.0	.7	28.2	74.9 3	204.5	105.5	119.4	81.1	276.7 3	117.7	185.4	.2	1244.3 3
1975	2	01	.0	72.8	101.3	37.4	125.9	119.5	82.7	242.2	90.4	269.9	85.1	100.8	1328.0
1976	2	01	20.2	1.3	.0	134.8	58.2	103.4	21.0	94.1	148.3	162.1	196.1	24.2	963.7
1977	2	01	30.2	1.0	.2	128.1	217.3 3	81.1	39.2	117.1 3		682.1	175.9	.0	1472.2 3
1978	2	01	1.5 3			210.2	218.8 3	199.0	125.0	188.0	76.0	197.6	62.6	85.2 3	1363.9 3
1979	2	01	2.1 3	19.0	38.3 3	163.1	273.7	144.4	174.0	107.8 3	215.3	220.4	171.0	60.1	1589.2 3
1980	2	01	9.6	49.1	14.2	91.8	116.5	90.0	71.9	190.3 3	130.0	164.9	42.0	122.8	1093.1 3
1981	2	01	21.0	73.0	28.7	209.5	335.2	142.3	98.2	128.1	200.0	236.8	185.2	17.7	1675.7
1982	2	01	15.7	55.0	33.7	293.1 3	235.5 3	92.3 3	56.1	68.0	113.2	150.6	49.9 3	.9 3	1164.0 3
1983	2	01	56.9	16.0	29.4	102.1	166.8	180.0	103.4 3	134.6	146.9	155.1 3	21.6	60.4	1173.2 3
1984	2	01	26.1	119.6	59.6	103.4	181.5	150.2	99.6	66.1	117.4	240.6	202.9	.0	1387.0
1985	2	01	.0	.0	50.8	12.7 3			99.8	165.6	161.8	221.7	103.9 3	18.0 3	834.3 3
1986	2	01	.3	151.5	69.1	188.1	116.6	142.8	33.8	79.4	174.6	232.7	48.2	8.0	1245.1
MEDIOS			29.4	40.6	45.5	131.6	174.9	133.9	81.6	131.2	169.1	216.9	121.6	35.0	1311.3
MAXIMOS			122.0	151.5	153.0	293.1	335.2	314.9	174.0	256.3	317.0	682.1	202.9	122.8	682.1
MINIMOS			0.0	0.0	0.0	12.7	58.2	70.4	18.2	34.0	37.9	105.6	21.6	0.0	0.0

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mms)

FECHA DE PROCESO : 940506

ESTACION : 28044006 PAVAS LAS

LATITUD	1004 N	TIPO EST	PM	DEPTO	CESAR	FECHA-INSTALACION	1963-ENE
LONGITUD	7353 W	ENTIDAD	01 HIMAT	MUNICIPIO	BOSCONIA	FECHA-SUSPENSION	
ELEVACION	150 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	D LAS PAVAS		

A#O	EST	ENT	ENERO *	FEBRE *	MARZO *	ABRIL *	MAYO *	JUNIO *	JULIO *	AGOST *	SEPTI *	OCTUB *	NOVIE *	DICIE *	VR ANUAL *
1963	4	09	41.0	116.0	77.0	211.0	166.0	104.0	114.0	208.0	73.0	165.0	236.0	.0	1511.0
1964	4	09	.0	20.0	84.0	220.0	339.0	336.0	146.0	283.0	257.0	240.0	45.0	.0	1972.0
1965	4	09	14.8 8	.0	.0	141.1 8	188.9 8	151.0	163.0	128.0	117.0	74.0	173.0	33.0	1183.0
1966	4	09	25.0	10.0	129.0	172.0	190.0	268.0	171.0	164.4 8	165.5 8	202.8 8	157.8 8	32.4 8	1698.9
1968	4	09	16.6 8	.0	26.0	56.0	183.0	131.0	62.0	125.0	121.0	105.0	97.0	15.0	954.6
1969	2	01	98.0	49.0	22.0	178.0	280.0	175.0	100.0	126.0	60.0	196.0	131.0	45.0	1462.0
1970	2	01	97.0	39.0	88.0	54.0	126.0 3	116.0 3	*	77.0	142.8 8	189.0	159.0	101.0	1187.8 3
1971	2	01	30.0	13.0	81.0	115.0	130.0	122.0	146.0	175.0	86.0	94.0	110.0	.0	1100.0
1972	2	01	2.0	118.0	111.0	175.0	186.0	78.0	3.0	131.0	140.0	139.0	39.0	52.0	1224.0
1973	2	01	.0	1.0	49.0	84.0	320.0	179.0	135.0	184.0	149.0	113.0	43.0	29.0	1286.0
1974	2	01	.0	20.0	68.0	167.0	255.0	101.0	51.0	219.0	219.0	194.0	149.6 8	13.0	1449.6
1975	2	01	.0	30.0	120.0	87.0	133.0	66.0	249.0	235.0	161.0	226.0	78.0	10.0	1395.0
1976	2	01	12.0	.0	54.0	222.0	62.0	68.0	90.0	76.0	299.0	436.0	40.0	22.0	1381.0
1977	2	01	.0	21.0	30.0	98.0	142.0	57.0	90.0	244.0	100.0	197.0	153.0	.0	1132.0
1978	2	01	11.0	68.0	169.0	133.0	167.0	31.0	182.0	190.0	325.0	164.0	525.0	25.0	1990.0
1979	2	01	.0	29.0	76.4 8	215.0	95.0	27.0	73.0	107.0	255.0	385.0	130.0	125.0	1517.4
1980	2	01	55.0	60.0	15.0	70.0	249.0	125.0	190.0	203.0	125.0	325.0	175.0	48.0	1641.0
1981	2	01	.0	100.0	295.0	275.0	500.0	205.0	80.0	320.0	175.0	55.0	25.0	150.0	2180.0
1982	2	01	70.0	75.0	30.0	75.0	25.0	50.0	55.0	70.0	95.0	257.0	35.0	60.0	897.0
1983	2	01	30.0	10.0	50.0	400.4	278.0	90.0	125.0	177.0	195.0	430.0	45.0	30.0	1860.4
1984	2	01	5.0	45.0	34.0	135.0	214.0	252.0	267.0	370.0	252.5	167.0	125.0	.0	1866.5
1985	2	01	25.0	2.0	49.0	136.0	270.0	115.0	299.0	159.0	150.0	186.0	110.0	30.0	1531.0
1986	2	01	30.0	95.0	72.0	222.0	155.0	30.0	8.0	132.0	40.0 3	190.0	10.0	17.0	991.0 3
MEDIOS			24.5	40.0	75.2	158.3	202.3	125.1	128.1	178.6	160.8	205.3	123.4	36.4	1458.1
MAXIMOS			98.0	118.0	295.0	400.4	500.0	336.0	299.0	370.0	325.0	436.0	525.0	150.0	525.0
MINIMOS			0.0	0.0	0.0	54.0	25.0	27.0	3.0	70.0	40.0	55.0	10.0	0.0	0.0

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mms)

FECHA DE PROCESO : 940506

ESTACION : 2804020 CHIMILAIMA

LATITUD	1004 N	TIPO EST	PM	DEPTO	CESAR	FECHA-INSTALACION	1962-AGO
LONGITUD	7346 W	ENTIDAD	01 HIMAT	MUNICIPIO	BOSCONIA	FECHA-SUSPENSION	
ELEVACION	120 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	AY LAS MULAS		

A#O	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL
1962	4	09								76.1	104.4	139.0	137.6	15.4	472.5 T
1963	4	09	40.2	31.2	54.7	106.4	159.9	141.5	56.3	156.5	156.9	80.7	151.5	.0	1182.6
1964	4	09	.0	21.1	10.1	132.5	68.0	215.8	84.9	156.3	102.9	143.4	83.3	5.5	1023.9
1965	4	09	13.4	84.6	39.6	24.3	101.3	116.5	55.5	190.0	166.4	76.2	107.3	5.8	980.9
1966	4	09	24.2	25.0	70.7	57.0	176.8	202.2	161.7	160.9	87.8	101.1	135.0	65.0	1448.3
1967	4	09	17.0	23.2	11.1	206.0	178.1	102.9	116.5	79.8	348.1	188.1	56.7	14.0 B	1344.5
1968	4	09	10.4 B	28.7 B	45.4 B	135.0 B	142.8 B	137.3 B	106.3 B	97.8	117.0	75.0	120.6 B	14.0 B	1032.3
1969	2	01	24.4	37.7	18.5	191.1	157.4	95.8	61.9	121.7	111.3	162.5	58.3	.0	1040.6
1970	2	01	33.1	8.0	38.2	165.0	142.8 B	189.8	108.7	82.0	164.8	106.3	130.7	19.5	1188.9
1971	2	01	.0	96.9	7.2	60.0	189.2	106.0	132.2	173.4	75.4	115.2	80.5	.0	1036.0
1972	2	01	.0	47.5	102.4	93.1	151.8	134.3	106.3 B	193.8	87.0	177.5	120.6 B	14.0 B	1370.3
1973	2	01	.0	.0	64.0	135.0 B	64.0	175.0	168.0	211.0	104.0	155.0	92.0	17.0	1185.0
1974	2	01	.0	.0	80.0	127.0	124.0	115.0	73.0	142.0	223.0	99.0	184.0	3.0	1170.0
1975	2	01	.0	29.0	95.0	82.0	275.0	90.0	116.0	180.0	86.0	226.0	115.0	55.0	1348.0
1976	2	01	.0	3.0	9.0	265.0	21.0	187.0	13.0	182.0	136.0	137.0	100.0	.0	1053.0
1977	2	01	.0	20.0	14.0	59.0	149.0	65.0	157.0	140.0	251.0	35.0	151.0	.0	1041.0
1978	2	01	.0	24.0	105.0	152.0	197.0	52.0	66.0	217.0	63.0	103.0	185.0	4.0	1167.0
1979	2	01	25.0	20.0	52.0	244.0	76.0	225.0	184.0	154.0	89.0	179.0	186.0	40.0	1474.0
1980	2	01	.0	17.0	.0	56.0	196.0	121.0	146.0	119.0	47.0	125.0	236.0	46.0	1099.0
1981	2	01	4.0	53.0	12.0	223.0	215.0	195.0	82.0	110.0	151.0	200.0	57.0	46.0	1348.0
1982	2	01	14.0	58.0	20.0	210.0	374.0	169.0	106.0	107.0	195.0	255.0	59.0	14.0	1572.0
1983	2	01	6.0	.0	13.1	236.1	237.5	161.4	113.2	116.6	128.0	161.0	26.6	50.6	1252.1
1984	2	01	36.0	86.7	119.0	109.0	137.0	151.0	101.0	141.0	90.0	148.0	49.0	.0	1167.7
1985	2	01	3.0	.0	102.0	27.0	93.0	9.0	157.0	86.0	173.0	294.0	38.0	52.0	1034.0
1986	2	01	24.0	18.0	36.0	165.0	150.0	52.0	38.0	111.0	145.0	214.0	77.0	32.0	1062.0
MEDIOS			11.5	30.5	46.6	141.7	157.4	133.7	104.6	139.4	137.2	153.4	109.8	20.5	1186.3
MAXIMOS			40.2	96.9	119.0	265.0	374.0	225.0	184.0	217.0	348.1	294.0	226.0	65.0	374.0
MINIMOS			0.0	0.0	0.0	24.3	21.0	9.0	13.0	76.1	47.0	35.0	26.6	0.0	0.0

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mm)

FECHA DE PROCESO : 940506

ESTACION : 2802044 STA TERESA HDA

LATITUD	0957 N	TIPO EST	PM	DEPTO	CESAR	FECHA-INSTALACION	1959-ABR
LONGITUD	7318 W	ENTIDAD	01 HIMAT	MUNICIPIO	AGUSTIN CODAZZI	FECHA-SUSPENSION	
ELEVACION	80 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	SICARARE		

AÑO	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL
1959	4	09				140.0	300.0	250.0	151.0	369.6	151.1	235.0	104.5	1.0	1702.2 3
1960	4	09	19.5	26.5	101.5	122.5	46.5	124.5	46.0	139.5	134.0	191.5	70.0	135.0	1157.0
1961	4	09	.0	.0	71.0 3	.0	65.0 3	159.8	116.5 3	136.0 3	84.0 3	221.0 3	138.0 3	.0 3	991.3 3
1962	4	09	.0	.0	50.0	229.0	234.0	135.0	42.0	217.7	175.7	206.3	126.6	11.0	1427.3
1963	4	09	5.5	97.0	91.4	141.1	252.3	84.4	153.5	145.6	89.9	110.9	214.7	6.0	1392.3
1964	4	09	7.0	38.0	16.0	110.3	187.5	345.0	123.0	157.2	275.5	316.4	9.5	31.0 8	1616.4
1965	4	09	22.1 8	31.7 8	52 0 8	67.0	262.0	9.0	68.0	180.0	138.0	300.0	258.0	.0	1387.8
1967	4	09	18.0	23.0	.0	110.0	106.5	203.5	70.0	91.0	108.0	246.0	281.0	16.0	1273.0
1968	4	09	.0	95.0	20.0	91.0	170.0	193.0	42.0	108.0	60.0	180.0	121.5	49.0	1129.5
1969	2	01	39.0	38.3 8	89.0	158.0	198.0	151.0	47.0	164.0	215.0	488.0	251.0	31.0	1869.3
1970	2	01	59.0	9.0	22.0	250.0	121.0	55.0	180.0	103.0	316.0	292.0	303.0	77.0	1787.0
1971	2	01	54.0	26.0	85.0	88.0	198.0	139.0	60.0	273.0	149.0	201.0	110.0	.0	1383.0
1972	2	01	142.0	24.0	61.0	271.0	57.0	53.0	10.0	179.0	78.0	162.0	185.0	26.0	1248.0
1973	2	01	17.0	.0	48.0	90.0	102.0	101.0	273.0	468.0	287.0	435.0	176.0	.0	1997.0
1974	2	01	.0	22.0	64.0	108.0	272.0	110.0	90.0	44.0	272.0	321.0	120.0	18.0	1441.0
1975	2	01	11.0	10.0	32.0	28.0	126.0	118.0	311.0	187.0	168.0	366.0	180.0	74.0	1611.0
1976	2	01	18.0	.0	24.0	179.0	48.0	113.0	41.0	57.0	123.0	276.0	70.0	.0	949.0
1977	2	01	1.0	4.0	.0	51.0	221.0	273.0	23.0	129.0	110.0	158.0	251.0	1.0	1222.0
1978	2	01	22.0	65.0	205.0	262.0	275.0	148.0	111.0	134.0	67.0	236.0	196.0	60.0	1781.0
1979	2	01	5.0	73.0	52.0	95.0	170.0	242.0	110.0	215.0	212.0	407.0	292.0	4.0	1877.0
1980	2	01	.0	46.0	6.0	92.0	183.0	110.0	99.0	294.0	180.0	116.0	222.0	155.0	1503.0
1981	2	01	18.0	75.0	121.0	145.0	277.0	305.0	178.0	310.0	138.0	342.0	174.0	126.0	2209.0
1982	2	01	1.0	63.0	20.0	249.0	234.0	62.0	49.0	52.0	281.0	152.0	166.0	.0	1229.0
1983	2	01	5.0	.0	8.1	221.0	141.3	99.8	58.4	103.7	225.1	258.3	62.2	64.1	1247.0
1984	2	01	8.8	76.1	45.9	148.8	199.8	92.6	243.9	174.5	271.5	298.2	78.8	.0	1638.9
1985	2	01	.0	.0	15.4	124.8	95.5	78.1	69.9	273.6	237.4	610.6	105.6	184.5	1795.4
1986	2	01	114.0	153.2	122.6	139.8	159.0	51.6	51.2	102.0	86.9	340.1	15.6	5.2	1341.2
MEDIOS			22.6	38.3	54.7	137.5	174.1	141.0	104.3	178.1	171.6	276.5	154.9	39.8	1493.4
MAXIMOS			142.0	153.2	205.0	271.0	300.0	345.0	311.0	468.0	316.0	610.6	303.0	184.5	610.6
MINIMOS			0.0	0.0	0.0	0.0	46.5	9.0	10.0	44.0	60.0	110.9	9.5	0.0	0.0

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mm)

FECHA DE PROCESO : 940506

ESTACION : 2802023 LLANOS LOS

LATITUD	0944 N	TIPO EST	PM	DEPTO	CESAR
LONGITUD	7318 W	ENTIDAD	01 HIMAT	MUNICIPIO	BECERRIL
ELEVACION	100 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	AY CANDELA

FECHA-INSTALACION 1962-SEP

FECHA-SUSPENSION

A#O	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL
1962	4	09	21.1 8	30.0 8	48.7 8	133.0 8	160.6 8	143.8 8	106.3 8	133.8 8	*	272.0	225.5	10.0	1284.8 3
1963	4	09	45.0	106.0	96.0	141.0	129.0	122.0	119.0	128.0	109.0	352.0	213.0	66.3 8	1626.3
1964	4	09	17.1 6	25.8 8	90.6 6	62.6 6	94.1 6	198.6 6	199.8 6	108.8 6	166.9 6	254.4 6	118.6 6	17.1 6	1354.4
1965	4	09	17.1 6	17.1 6	17.1 6	208.2 6	155.0 6	43.7 6	.0	58.0	130.0	296.0	294.0	.0	1236.2
1966	4	09	.0	25.0	.0	95.0	170.0	444.0	40.0	36.0	133.0	210.0	385.0	177.0	1715.0
1967	4	09	21.7 8	30.0 8	27.0	133.0 8	160.6 8	70.0	106.3 8	133.8 8	190.0	270.4	225.0 8	57.2 8	1425.0
1968	4	09	21.2 8	.0	.0	172.0	83.0	218.0	111.0	67.0	108.0	307.0	251.0	*	1338.2 3
1969	2	01	32.0	42.0	30.0	127.0	180.0	347.0	45.0	131.0	207.0	182.0	286.0	82.0	1691.0
1970	2	01	60.0	.0	10.0	105.0	187.0	*	152.0	242.0	269.0	318.0	438.0	148.0	1929.0 3
1971	2	01	106.0	7.0	77.0	146.0	298.0	105.0	117.0	228.0	336.0	209.0	145.0	4.0	1778.0
1972	2	01	.0	70.0	79.0	131.0	139.0	64.0	23.0	70.0	100.0	77.0	120.0	54.0	927.0
1973	2	01	48.0	.0	.0	149.4 6	35.3 6	143.0	142.0	214.0	212.0	394.0	186.0	70.0	1593.7
1974	2	01	.0	32.0	144.0	36.0	151.0	26.0	64.0	122.0	334.0	144.0	206.0	15.0	1274.0
1975	2	01	.0	8.0	16.0 3	51.0	120.0	71.0	266.0	169.0	373.0	526.0	218.0 6	98.3 6	1916.3 3
1976	2	01	.0	4.0	70.0	171.0	144.0	35.0	71.0	70.0	162.0	317.0	94.1 6	48.4 8	1186.5
1977	2	01	30.0	.0	53.0	85.7 6	149.4 6	78.0 6	111.6 6	79.4 6	193.0	201.0	157.0	.0	1138.1
1978	2	01	44.0	129.0	106.0	341.0	313.0	211.0	162.0	101.0	171.0	336.0	180.0	145.0	2239.0
1979	1	01	.0	40.0	53.0	163.0	183.0	240.4 6	87.1 6	178.0	212.0	260.0	335.0	106.0	1860.5
1980	1	01	.0	.0	7.0	76.0	199.0	28.0	97.0	273.0	154.0	195.0	197.0	35.0	1261.0
1981	2	01	.0	64.0	17.0	238.0	586.0	453.0	116.0	177.0	136.0	457.0	126.0	93.0	2463.0
1982	2	01	.0	9.0	.0	109.0	167.0	138.0	60.0	53.0	162.0	207.0	124.0	.0	1029.0
1983	2	01	83.0	.0	110.2	202.8	240.6	302.0	53.9	71.4	180.9	279.1	144.8	56.2	1724.9
1984	2	01	7.3	110.5	.0	179.5	193.1	137.2	163.1	115.7	178.9	221.4	384.2	.0	1690.9
1985	2	01	.0	.0	118.2	69.6	123.6	91.7	5.0	172.1	310.1		103.7	144.0	1138.0 3
1986	2	01	.0	48.4	62.6	3.0	314.9	42.6	.0	125.6	75.0	675.7	37.0	24.0	1408.8
MEDIOS			22.1	31.9	49.3	133.2	187.0	156.4	96.7	130.3	191.8	290.0	207.8	60.6	1557.1
MAXIMOS			106.0	129.0	144.0	341.0	586.0	453.0	266.0	273.0	373.0	675.7	438.0	177.0	675.7
MINIMOS			0.0	0.0	0.0	3.0	35.3	26.0	0.0	36.0	75.0	77.0	37.0	0.0	0.0

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H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mms)

FECHA DE PROCESO : 940505

ESTACION : 2502028 LOMA LA

LATITUD	0937 N	TIPO EST	PM	DEPTO	CESAR
LONGITUD	7336 W	ENTIDAD	01 HIMAT	MUNICIPIO	CHIRIGUANA
ELEVACION	38 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	AY PARALUZ

FECHA-INSTALACION 1963-OCT

FECHA-SUSPENSION

AÑO	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL
1963	4	09										*	166.0	4.0	170.0 3
1964	4	09	.0	6.0	5.0	110.0	205.0	200.0	218.0	140.0	122.0	313.0	92.0	.0	1411.0
1965	4	09	6.0	39.0	17.0	65.0	182.0	120.0	46.0	27.0	210.0	243.0	180.0	.0	1135.0
1966	4	09	14.0	.0	126.0	55.0	222.0	178.0	55.0	93.0	90.0	138.0	197.0	145.0	1313.0
1967	4	09	6.0	25.0	15.0	68.0	93.0	167.0	60.0	70.0	334.0	126.0	105.0	76.0 8	1147.0
1968	4	09	43.7 8	31.2 8	52.8 8	118.6 8	180.7 8	156.6 8	70.0	120.3 8	140.0	99.0	34.0	11.0	1051.9
1969	2	01	24.0	18.0	.0	98.0	117.0	165.0	67.0	142.0 3	25.0	209.0	692.0	723.0	2280.0 3
1970	2	01	464.0	.0	62.0	97.0	265.0	199.0	101.7 8	166.0 8	201.9 8	200.0	241.0	150.5	2148.1
1971	2	01	85.0	5.0	111.0	79.0	222.0	209.0	*	123.9 8	346.0	272.0	70.0	.0	1522.9 3
1972	2	01	9.0	70.5	51.0	215.4	177.0	150.0	20.0	93.0	76.0	188.0	112.0	.0	1161.9
1973	2	01	.0	.0	9.0	169.0	120.0	263.0	248.0	186.0	417.5	155.0	287.0	.0	1854.5
1974	2	01	.0	63.0	9.0	132.0	125.0	63.0	14.0	148.0	335.0	233.0	179.0	29.0	1330.0
1975	2	01	39.1 8	*	*	*	93.0	202.0	347.0	209.0	280.0	425.0	112.0	180.0	1889.1 3
1976	2	01	39.9 8	10.0	30.0	196.0	88.0	12.0	36.0	54.0	161.0	295.0	216.0	10.0	1147.9
1977	2	01	7.0	3.0	6.0	79.0	252.0	60.0	65.0	103.0	180.0	76.0	217.0	74.6 8	1122.6
1978	2	01	.0	150.0	169.0	112.0	202.0	123.0	116.0	108.0	150.0	257.0	83.0	50.0	1520.0
1979	2	01	.0	68.0	180.0	243.0	270.0	241.0	73.0	166.0	246.0	383.0	263.0	18.0	2151.0
1980	1	01	.0	11.0	2.0	61.0	254.0	57.0	111.0	145.0	119.0	185.0	207.0	40.0	1192.0
1981	2	01	4.0	43.0	35.0	221.0	352.0	252.0	141.0	329.0	103.0	231.0	164.0	47.0	1922.0
1982	2	01	65.0	30.0	101.0	148.0	563.0	135.0	71.0	40.0	175.0	72.0	180.0	.0	1580.0
1983	2	01	.0	.0	202.5	187.2	171.2	54.0	100.5	91.4	93.7	47.8	39.0	44.0	1031.3
1984	2	01	4.0	75.0	40.0	67.0	193.0	136.0	136.0	239.0	278.0	276.0	123.0	.0	1567.0
1985	2	01	.0	.0	20.0	184.0	120.0	65.0	23.0	104.0	324.0	259.0	48.0	26.0	1173.0
1986	2	01	2.0	6.0	45.0	88.0	41.4	.0	.0	112.9	180.1	469.8	81.1	11.1	1037.4
MEDIOS			35.3	29.7	58.6	127.0	196.2	139.2	96.3	130.9	199.4	224.0	170.3	68.3	1475.3
MAXIMOS			464.0	150.0	202.5	243.0	563.0	263.0	347.0	329.0	417.5	469.8	692.0	723.0	723.0
MINIMOS			0.0	0.0	0.0	55.0	41.4	0.0	0.0	27.0	25.0	47.8	34.0	0.0	0.0

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mm)

FECHA DE PROCESO : 940505

ESTACION : 2502023 JAGUA LA

LATITUD 0935 N	TIPO EST PM	DEPTO CESAR	FECHA-INSTALACION 1963-AGO
LONGITUD 7317 W	ENTIDAD 01 HIMAT	MUNICIPIO LA JAGUA DE IBIRICO	FECHA-SUSPENSION
ELEVACION 170 m.s.n.m	REGIONAL 02 ATLANTICO	CORRIENTE AY JOBITO	

AÑO	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL
1963	4	09	33.8 8	43.0 8	64.0	153.0	306.0	153.0	162.0	97.0	50.0	356.0	277.0	66.4 8	1761.2
1964	4	09	.0	.0 3	105.0	65.0	110.0	259.2	261.0	131.0	214.0	339.0	145.0	.0	1629.2 3
1965	4	09	.0	.0	.0	273.0	197.0	38.0	37.0	110.0	303.0	373.0	398.0	.0	1729.0
1966	4	09	32.0	8.0	49.0	100.0	405.0	245.0	132.0	176.8 8	245.8 8	314.3 8	253.0 8	82.7 8	2043.6
1967	4	09	32.9 8	42.6 8	14.1 6	161.5 8	238.8 8	75.5 6	121.0 3	176.8 8	245.8 8	314.3 8	253.0 8	58.8 8	1735.1
1968	4	09	34.1 8	38.1 8	69.4 8	221.3 6	94.1 6	287.0 6	134.1 6	45.5 6	90.0	304.0	187.0	67.2 8	1571.8
1969	2	01	126.0	26.0	.0	89.0	232.7 6	260.0	39.8 6	162.7 6	271.3 6	235.5 6	384.1 6	92.7 6	1919.8
1970	2	01	61.3 6	43.2 8	69.4 8	125.5 6	*	.0	83.5	205.0	259.0	230.0	248.0	204.0	1528.9 3
1971	2	01	120.0	11.0	77.6	270.0	394.3	168.0	76.0	176.5	235.6	335.0	210.0	4.0	2078.0
1972	2	01	63.0	157.0	98.0	288.0	201.0	84.0	50.0	252.0	223.0	201.0	116.0	11.0	1746.0
1973	2	01	44.0	10.0	17.0	139.0	26.0	314.0	204.0	280.0	386.0	307.0	500.0	225.0	2502.0
1974	2	01	.0	70.0	130.0	105.0	400.0	158.0	67.0 6	149.8 6	452.7 6	246.0 3	247.0	135.0	2154.5 3
1975	2	01	.0	13.0	58.0	46.0	129.0	148.0	350.0	267.0	382.0	510.0	287.0	116.0	2306.0
1976	2	01	.0	32.0	48.0	201.0	101.0	142.0	16.0	157.0	204.0	331.0	110.0	*	1342.0 3
1977	2	01	18.4 6	36.7 8	57.0	98.0	189.0	87.0	135.0	89.0	239.0	332.0	181.0	41.0	1503.1
1978	2	01	74.0	81.0	223.0	247.0	369.0	163.0	99.0	186.0	207.0	267.0	240.0	51.0	2207.0
1979	2	01	.0	107.0	29.0	190.0	330.0	319.0	100.0	314.0	252.0	437.0	217.0	21.0	2366.0
1980	1	01	2.0	44.0	13.0	85.0	287.0	117.0	111.0	207.0	165.0	232.0	293.0	95.0	1651.0
1981	2	01	55.0	99.0	91.0	227.0	368.0	507.0	120.0	267.0	118.0	551.0			2403.0 3
1982	2	01	22.0	65.0	112.0	325.0	560.0	284.0	93.0	86.0	146.0	176.0	47.0	.0	1916.0
1983	2	01	34.0	15.0	125.8	124.7	390.8	295.9	174.5	105.7	216.3	313.9	60.5	2.1	1909.2
1984	2	01	21.5	209.0	23.4	166.3	224.5	181.8	193.4	337.4	214.0	383.1	238.8	.0	2193.2
1985	2	01	10.1	.0	104.6	128.2	230.0	139.4	58.0	151.0	334.8	293.0	230.8	70.0	1749.9
1986	1	01	111.3	68.6	112.1	208.0	335.8	66.9	6.7	189.8	282.0	159.0	90.4	36.2	1666.8
MEDIOS			39.4	50.8	70.4	170.3	268.2	187.2	117.7	180.0	239.0	313.9	226.8	62.7	1926.4
MAXIMOS			126.0	209.0	223.0	325.0	560.0	507.0	350.0	337.4	452.7	551.0	500.0	225.0	560.0
MINIMOS			0.0	0.0	0.0	46.0	26.0	0.0	6.7	45.5	50.0	159.0	47.0	0.0	0.0

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mm)

FECHA DE PROCESO : 940505

ESTACION : 2502022 ASTREA

LATITUD	0930 N	TIPO EST	PM	DEPTO	CESAR	FECHA-INSTALACION	1962-A8R
LONGITUD	7359 W	ENTIDAD	01 HIMAT	MUNICIPIO	CHIMICHAGUA	FECHA-SUSPENSION	
ELEVACION	50 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	Q ARJONA		

AÑO	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL
1962	4	02	19,3 8	33.2	44.5 8	*	168.0	196.0	82.0	199.0	116.*	170.0	190.0	7.0	1225.0 3
1963	4	02	30.6	27.0	25.0	175.0	165.0	86.0	30.0	177.0	70.0	98.0	293.0	20.0	1202.0
1964	4	02	.0	7.0	18.0	98.0	150.0	296.0	103.0	193.0	213.0	373.0	107.0	33.0	1591.0
1965	4	02	.0	23.0	20.0	142.0	250.0	77.0	34.0	146.0	210.0	188.0	249.0	8.0	1347.0
1966	4	02	.0	84.0	50.0	23.0	373.0	201.0	78.0	147.0	182.0	169.0	345.0	119.0	1771.0
1967	4	02	40.0	8.0	31.0	191.0	165.0	179.0	115.0	111.0	107.0	305.0	113.0	2.0	1367.0
1968	4	02	20.0	65.0	8.0	75.0	134.0	127.5	97.0	144.0	178.0	119.0	.0	19.0	986.5
1969	2	01	35.0	58.0	12.0	401.0	275.0	167.0	95.0	105.0	138.0	303.0	136.0	63.0	1788.0
1970	2	01	112.0	50.0	.0	411.0	370.0	144.0	126.0	143.0	532.0	226.0	133.0	65.0	2312.0
1971	2	01	20.0	34.0	44.5 8	166.3 8	*	107.0	149.0	282.0	227.0	166.0	18.9	2.0	1216.7 3
1972	2	01	70.0	18.0	11.0	233.0	97.0	25.0	18.0	53.0	28.0	87.0	112.0	.0	752.0
1973	2	01	6.0	.0		95.0	96.0	177.0	166.0	185.0	332.0	188.0	112.0	43.0	1400.0 3
1974	2	01	2.0	26.0	81.0	164.0	126.0	115.0	48.0	157.0	372.0	398.0	180.0	13.0	1682.0
1975	2	01	.0	23.0	97.0	115.0	146.0	243.0	168.0	282.0	120.0	249.0	303.0	56.0	1802.0
1976	2	01	.0	10.0	100.0	144.0	208.0	70.0	125.0	114.0	114.0	453.0	161.2 8	.0	1499.2
1977	2	01	.0	5.0	49.0	112.0	253.0	137.0	179.0	131.0	363.0	252.0	194.0	.0	1675.0
1978	2	01	6.0	117.0	92.0	215.0	279.0	104.0	33.0	221.0	194.0	275.0	123.0	150.0	1809.0
1979	2	01	6.0	28.0	98.0	145.0	262.0	345.0	58.0	279.0	263.0	220.0	191.0	56.0	1951.0
1980	1	01	.0	15.0	1.0	88.0	294.0	70.0	168.0	204.0	146.2	146.0	61.3	26.8	1220.3
1981	2	01	7.0	36.9	141.1	202.1	215.6	354.3	170.2	234.0	55.0	226.8	189.6	21.5	1854.1
1982	2	01	58.1	62.0	36.3	263.2	355.8	126.5	100.0	119.3	292.3	136.6	110.8	.0	1660.9
1983	2	01	25.3	.0	144.5	344.2	208.5	105.0	14.8	198.2	132.3	219.4	79.4	35.8	1507.4
1984	2	01	15.1	89.2	29.4	157.5	230.0	101.0	118.2	69.5	204.6	329.2	107.2	.0	1450.9
1985	2	01	14.9	6.0	64.5	78.3	241.2	122.0	58.0	138.7	190.5	534.0	158.0	32.5	1638.6
1986	2	01	7.5	78.8	23.0	68.9	170.4	74.4	7.5	102.0	92.5	224.5	7.8	20.5	879.8
MEDIOS			19.8	36.2	51.0	171.1	218.0	150.0	93.9	165.4	194.9	242.2	147.0	31.7	1521.1
MAXIMOS			112.0	117.0	144.5	411.0	373.0	354.3	179.0	282.0	532.0	534.0	345.0	150.0	534.0
MINIMOS			0.0	0.0	0.0	23.0	96.0	25.0	7.5	53.0	28.0	87.0	0.0	0.0	0.0

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mms)

FECHA DE PROCESO : 940606

ESTACION : 2502024 CANAL EL

LATITUD	0923 N	TIPO EST	PM	DEPTO	CESAR	FECHA-INSTALACION	1963-MAR
LONGITUD	7354 W	ENTIDAD	01 HIMAT	MUNICIPIO	CHIMICHAGUA	FECHA-SUSPENSION	
ELEVACION	70 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	AY PERETE		

AÑO	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL
1963	4	09	7.0 8	24.5 8	45.0 3	178.0	152.0	88.0	190.0	129.0	214.0	300.0	197.0	10.0	1534.5 3
1964	4	09	.0	30.0	.0	45.0	121.0	220.0	130.0	103.0	65.0	271.0	153.0	5.0	1143.0
1965	4	09	.0	15.0	25.0	199.0	195.0 3	75.0	45.0	249.0	765.0	703.0	2029	80.7 8	4380.7 3
1966	4	09	.0	.0	32.0	52.0	316.0	104.0	120.0	235.0	235.0	220.0	285.0	180.0	1779.0
1967	4	09	.0	60.0	90.0	240.0	235.0	358.0	110.0	125.0	252.3 8	302.0 8	211.1 8	51.3	2034.7
1968	4	09	7.2 8	29.6 8	48.1 8	133.3 8	212.3 8	83.0	65.0	159.0	182.0	212.0	178.0	20.0	1329.5
1969	2	01	60.0	55.0	25.0	193.0	235.0	225.0	20.0	218.0	185.0	292.0	185.0	200.0	1893.0
1970	2	01	.0	30.0	.0	200.0	343.0	137.0	133.0	179.0	340.0	496.0	241.0	142.0	2241.0
1971	2	01	46.0	27.0	99.0	154.0	157.0	143.0	101.0	229.0	368.0	234.0	205.0	.0	1763.0
1972	2	01	.0	150.0	171.0	140.0	455.0	260.0	30.0	250.0	198.0	231.0	85.0	.0	1910.0
1973	2	01	10.0	.0	15.0	58.0	64.0	214.0	125.0	115.0	325.0	239.0	150.0	10.0	1325.0
1974	2	01	.0	7.0	29.0	111.0	88.0 3	209.0	111.0	95.0	245.0	311.0	286.0	.0	1492.0 3
1975	2	01	.0	.0	90.0	70.0	178.0	108.0	211.0	*	299.0	331.0	318.0	47.0	1652.0 3
1976	2	01	.0	.0	36.0	108.0	289.0	42.0		153.0	131.0	335.0	130.0	52.0	1276.0 3
1977	2	01	.0	.0	36.0	109.0	316.0	203.0	36.0	174.0	228.0	304.0	238.0	.0	1644.0
1978	2	01	.0	30.0	69.0	56.0	58.0	89.0	.0	315.0	132.0	250.0	184.0	53.0	1236.0
1979	2	01	.0	56.0	56.0	194.0	239.0	189.0	111.0	304.0	196.0	246.0	177.0	45.0	1813.0
1980	2	01	.0	19.0	.0	159.0	168.0	80.0	132.0	305.0	181.0	160.0	63.0	27.0	1294.0
1981	2	01	.0	30.0	72.0	195.0	244.0	192.0	131.0	292.0	111.0	282.0	112.0	.0	1661.0
1982	2	01	20.0	48.0	18.0	112.0	186.0	117.0	65.0	20.0	224.0	156.0	116.0	.0	1082.0
1983	2	01	.0	8.0	67.0	118.0	101.0	131.0	53.0	154.0	128.0	126.0	131.0	.0	1017.0
1984	2	01	38.0	18.0	18.0	19.0	46.0	138.0	111.0	208.0	85.0	213.0	204.0	18.0	1116.0
1985	2	01	12.0	.0	34.0	63.0	101.0	.0	43.0	78.0	112.0	127.0	73.0	24.0	667.0
1986	2	01	.0	52.0	28.0	126.0	74.0	16.0	.0	.0	82.0	148.0	..0	.0	526.0
MEDIOS			8.3	28.7	46.0	126.3	190.6	140.0	86.4	177.8	220.1	270.4	248.0	40.2	1582.8
MAXIMOS			60.0	150.0	171.0	240.0	455.0	358.0	211.0	315.0	765.0	703.0	2029	200.0	2029.0
MINIMOS			0.0	0.0	0.0	19.0	46.0	0.0	0.0	0.0	65.0	126.0	0.0	0.0	0.0

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mm)

FECHA DE PROCESO : 940505

ESTACION : 2502026 RINCON HONDO

LATITUD	0924 N	TIPO EST	PM	DEPTO	CESAR
LONGITUD	7358 W	ENTIDAD	01 HIMAT	MUNICIPIO	CHIRIGUANA
ELEVACION	100 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	AY JOBITO

FECHA-INSTALACION 1963-MAR

FECHA-SUSPENSION

AÑO	EST	ENT	ENERO	*	FEBRE	*	MARZO	*	ABRIL	*	MAYO	*	JUNIO	*	JULIO	*	AGOST	*	SEPTI	*	OCTUB	*	NOVIE	*	DICIE	*	VR ANUAL
1963	4	09	29.0	8	26.7		*		45.0		48.0		77.0		81.0		119.0		222.0		233.0		281.0		.0		1153.7	3
1964	4	09	.0		12.0		48.0		83.0		135.0		386.0		228.0	3	114.0		100.0		332.0		67.0		.0		1505.0	3
1965	4	09	75.0		25.0		30.0		150.0		191.0		57.0		36.0		166.0		339.0		320.0		305.0		50.0		1794.0	
1966	4	09	.0		10.0		28.0		193.0		296.0		187.0		30.0		159.0		98.0		280.0		435.0		115.0		1831.0	
1967	4	09	.0		10.0		33.0		132.0		116.0		216.0		92.0		135.0		100.0		272.0		300.0		71.4	8	1477.4	
1968	4	09	29.0	8	26.7	8	52.6	8	155.6	8	203.0	8	10.0		74.0		275.0		174.0		288.0		225.0		15.0		1527.9	
1969	2	01	68.0		5.0		11.0		309.0		178.0		206.0		119.0		178.0		314.0		533.0		283.0		43.0		2247.0	
1970	2	01	82.0		32.0		.0		147.0		522.0		385.0		138.0		289.0		311.0		338.0		317.0		125.0		2686.0	
1971	2	01	66.0		31.0		109.0		167.0		386.0		157.0		206.0		188.0		235.0		326.0		353.0		.0		2144.0	
1972	2	01	55.0		44.0		214.0		181.0		189.0		79.0		37.0		121.0		154.0		96.0		235.0		43.0		1448.0	
1973	2	01	20.0		5.0		48.0		120.0		91.0		282.0		258.0		233.0		316.0		570.0		121.0		78.0		2142.0	
1974	2	01	.0		10.0		57.0		110.0		93.0		154.0		49.0		107.0		391.0		375.0		163.0		70.0		1579.0	
1975	2	01	.0		71.0		57.0		19.0		86.0		39.0		254.0		196.0		256.0		630.0		277.0		300.0		2205.0	
1976	2	01	.0		.0		5.0		127.0		111.0		79.0		22.0		49.0		161.0		397.0		90.0		37.0		1078.0	
1977	2	01	5.0		.0		15.0		40.0		288.0		74.0		116.0		142.0		262.0		120.0		190.0		10.0		1262.0	
1978	2	01	40.0		45.0		80.0		367.0		275.0		166.0		100.0		158.0		160.0		350.0		400.0		37.0		2183.0	
1979	2	01	10.0		94.0		11.0		226.0		309.0		176.0		131.0		219.0		239.0		364.0		427.0		55.0		2261.0	
1980	2	01	43.0		33.0		19.0		229.0		225.0		54.0		44.0		136.0		102.0		180.0		275.0		236.0		1576.0	
1981	2	01	30.0		175.0		30.0		319.0		468.0		320.0		141.0		324.0		228.0		422.0		275.0		88.0		2840.0	
1982	2	01	10.0		60.0		65.0		158.0		228.0		38.0		90.0		164.0		263.0		173.0		60.0		8.0		1317.0	
1983	2	01	.0		.0		73.4		201.0		294.0		231.0		189.0		210.0		136.0		389.3		275.0		53.0		1991.7	
1984	2	01	25.0		244.0		74.0		170.0		247.0		205.0		298.0		354.0		393.0		700.0		515.0		.0		3225.0	
1985	2	01	10.0		.0		137.0		395.0		313.0		30.0		223.0		168.0		133.0		271.0		155.0		158.0		1993.0	
1986	2	01	.0		41.0		15.0		93.0		394.0		77.0		60.0		228.0		193.0		402.0		22.0		22.0		1547.0	
MEDIOS			24.9		41.7		53.6		172.4		233.3		154.4		125.7		184.7		222.9		345.3		251.9		67.3		1877.8	
MAXIMOS			82.0		244.0		214.0		395.0		522.0		386.0		298.0		354.0		393.0		700.0		515.0		300.0		700.0	
MINIMOS			0.0		0.0		0.0		19.0		40.0		10.0		22.0		49.0		98.0		96.0		22.0		0.0		0.0	

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mm)

FECHA DE PROCESO : 940506

ESTACION : 2904007 VALMARIGUANI

LATITUD	0956 N	TIPO EST	PM	DEPTO	CESAR	FECHA-INSTALACION 1963-JUN
LONGITUD	7357 W	ENTIDAD	01 HIMAT	MUNICIPIO	ROSCONIA	FECHA-SUSPENSION
ELEVACION	80 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	AY MAYORQUIN	

ANO	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL
1957	3	16													
1963	4	09	.0	148.0	.0	111.0	182.0	108.0	92.0	310.0	92.0	180.0	220.0	.0	1445.0
1964	1	01	(illegible)			(illegible)	(illegible)								
1965	4	09	6.0	28.0	2.0	93.0	213.0	71.0	71.0	54.0	50.0	15.0	126.0	.0	845.0
1966	4	09	.0	.0	108.0	83.0	173.0	131.0	251.0	157.0		137.0	93.0	12.0	1270.0 3
1967	3	09	5.0	2.0	1.0	243.0	5.0	95.0	165.0	21.0	244.0	245.0	6.0	337.0	1350.0
1968	4	09	.0	64.0	.0	35.0	183.0	100.0	66.0	150.0	139.0	234.0	175.0	5.0	1195.0
1969	2	01	34.0	77.0	45.0	131.0	105.0	161.0	63.0	150.0	94.0	284.0	96.0	13.0	1248.0
1970	4	09	44.0	5.0	38.0	107.5	103.0	133.0	180.0	62.0	183.0	210.0	150.0	77.0	1292.5
1971	2	01	53.0	45.0	151.0	67.0	190.0	192.0	115.0	150.0	176.0	284.0	130.0	.0	1563.0
1972	2	01	.0	.0	149.0	246.0	90.0	52.0	.0	239.0	176.0	53.0	56.0	8.0	1072.0
1973	2	01	50.0	.0	90.0	135.0	132.0	216.0	116.0	94.0	349.0	167.0	55.0	10.0	1659.5
1974	2	01	20.0	26.0	13.0	184.0	30.0	74.0	20.0	103.0	145.0	52.0	132.0	30.0	744.0 3
1975	2	01	.0	7.0	87.0	57.0	126.0	82.0	240.0	214.0	301.0	165.0	294.0	60.0	1515.0
1976	2	01	5.0	58.0	48.0	227.0	96.0	131.0	30.0	67.0	200.0	174.0	68.0	22.0	1126.0
1977	2	01	.0	2.0	21.0	33.0	252.0	124.0	133.0	119.0	97.0	148.0	50.0	.0	999.0
1978	2	01	.0	61.0	42.0	267.0	200.0	38.0	244.0	180.0	151.0	314.0	137.0	86.0	1690.0
1979	1	01	.0	20.0	138.0	174.0	301.0	157.5	298.0	320.0	197.0	272.0	257.0	50.0	1934.5
1980	2	01	5.0	71.0	.0	68.0	143.0	48.0	138.0	162.0	110.0	121.0	71.0	59.0	1166.0
1981	2	01	.0	30.0	86.0	399.0	214.0	105.0	75.0	240.0	143.0			56.0	1348.0 3
1982	2	01	67.0	5.0	15.0	415.0	385.6	55.0	127.0	79.0	323.0	90.0	10.0	.0	1471.6
1983	2	01	.0	10.0	.0	95.0	145.0	171.0	122.0	53.0	148.0	150.0	30.0	20.0	1044.0
1984	2	01	45.0	50.0	35.0	82.0	130.0	252.0	174.0	110.0	367.0	170.0	83.0	.0	1498.0
1985	2	01	5.0	25.0	35.0	44.0	116.0	63.0	95.0	145.0	166.0	212.0	50.0	35.0	971.0
1986	2	01	37.0	75.0	55.0	150.0	240.0	67.0	70.0	68.0	100.0	304.0	40.0	.0	1206.0
MEDIOS			16.3	35.2	49.1	149.2	165.4	117.7	122.9	141.4	168.2	180.5	114.6	31.4	1300.2
MAXIMOS			67.0	148.0	151.0	415.0	385.6	252.0	251.0	310.0	367.0	314.0	294.0	337.0	415.0
MINIMOS			0.0	0.0	0.0	33.0	5.0	38.0	0.0	54.0	50.0	34.0	10.0	0.0	0.0

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mm)

FECHA DE PROCESO : 940705 ESTACION : 2502027 SALOA

LATITUD	0912 N	TIPO EST	PM	DEPTO	CESAR	FECHA-INSTALACION	1963-ABR
LONGITUD	7343 W	ENTIDAD	01 HIMAT	MUNICIPIO	CHIMICHAGUA	FECHA-SUSPENSION	
ELEVACION	90 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	CGA ZAPATOSA		

AÑO	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL
1960	3	09	23.0	.0 3	68.0	121.0	208.0	372.0	282.0	162.0	133.0	403.0			1772.0 3
1963	4	09	29.0 8	36.9 8	112.5 6	243.0 3	260.0	70.0	107.0	99.0	158.0	284.0	357.0	63.0	1819.4 3
1964	4	09	56.0	60.0	39.0	151.0	192.0	189.0	310.0	586.0	220.0	447.0	337.0	2.0	2589.0
1965	4	09	31.0	56.0	23.0	193.0	227.0	48.0	16.0	152.0	275.0	515.0	272.0	.0	1802.0
1966	4	09	23.0	.0	68.0	121.0	208.0	372.0	282.0	162.0	133.0	403.0	288.7 8	48.9 8	2109.6
1967	4	09	6.0	53.0	12.0	137.0	245.3 8	133.0	84.0	126.0	106.0	421.5 8	288.7 8	*	1612.5 3
1968	4	09	29.0 8	36.9 8	55.9 8	146.7 8	243.3 8	152.5 8	72.0	124.0	190.0	421.0	199.0	3.0	1675.3
1969	2	01	96.0	32.0	82.0	233.0	221.0	147.0	163.0	239.0	775.0	686.0	398.0	157.0	3229.0
1970	2	01	41.0	7.0	9.0	31.0	372.0	188.0	173.0	259.0	279.0	527.0	327.0	205.0	2418.0
1971	2	01	48.0	67.0	214.0	215.0 3	465.0	88.0	32.8 6	287.3 6	297.0	385.0	365.0	1.0	2325.1 3
1972	2	01	64.0	98.0	165.5	162.0	183.0	164.0	11.0	150.0	78.0	282.0	260.0	29.0	1553.5
1973	2	01	.0	.0	1.2	212.0	97.0	365.0	156.0	22.0	325.6 6	479.0	37.0	31.0	1725.8
1974	2	01	.0	9.0	93.0	50.0	334.0	181.0	65.0	163.0	397.0	389.0	396.0	84.0	2081.0
1975	2	01	.0	78.0	.0	58.0	213.0	112.0	329.0	493.0	486.0	629.0	316.0	134.0	2848.0
1976	2	01	1.0	12.0	.0	146.0	178.0	87.0	23.0	161.0	73.0	564.0	140.0	3.0	1388.0
1977	2	01	13.0	35.0	.0	113.0	215.0	224.0	47.0	118.0	383.0	456.0	250.0	2.0	1776.0
1978	2	01	50.0	79.0	115.0	198.0	162.0	45.0	109.0	61.0	158.0	262.0	*	.0	1239.0 3
1979	2	01	4.0	13.0	16.0	194.0	529.0	67.0	260.0	233.0	153.0	319.0	384.0	6.0	2178.0
1980	1	01	31.0	6.0	.0	37.0	129.0	112.0	155.0	200.0	387.0	357.0	385.0	61.0	1780.0
1981	2	01	24.0	12.0	125.0	284.0	568.0	351.0	79.0	328.0	175.0	424.0	169.0	282.0	2741.0
1982	2	01	68.0	32.0	24.0	193.0	440.0	42.0	41.0	80.0	146.0	164.0	112.0	.0	1342.0
1983	2	01	.0	20.0	62.0	264.0	229.0	124.0	228.0	262.0	126.0	149.0	75.0	77.0	1616.0
1984	2	01	18.0	30.0	25.0	119.0	331.0	180.0	198.0	164.0	494.0	406.0	477.0	.0	2442.0
1985	2	01	14.0	.0	22.0	77.0	171.0	67.0	89.0	85.0	298.0	159.0	85.0	202.0	1269.0
1986	2	01	.0	139.0	74.0	138.0	205.0	29.0	6.0	111.0	136.0	280.0	55.0	73.0	1246.0
MEDIOS			26.8	35.9	56.2	150.3	262.7	156.4	132.7	193.1	248.9	382.9	256.2	63.6	1965.7
MAXIMOS			96.0	139.0	214.0	264.0	568.0	372.0	329.0	586.0	775.0	686.0	477.0	282.0	775.0
MINIMOS			0.0	0.0	0.0	31.0	97.0	29.0	6.0	22.0	73.0	149.0	37.0	0.0	0.0

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SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mm)

FECHA DE PROCESO : 940506

ESTACION : 2502025 CURUMANI

LATITUD	0912 N	TIPO EST	PM	DEPTO	CESAR	FECHA-INSTALACION	1963-MAR
LONGITUD	7333 W	ENTIDAD	01 HIMAT	MUNICIPIO	CURUMANI	FECHA-SUSPENSION	
ELEVACION	100 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	ANIMITO		

AÑO	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL
1963	4	09	30.3 8	31.0 8	*	298.0	207.0	78.0	42.5	43.0	73.0	69.0	106.0	.0	977.3 3
1964	4	09	6.0	13.0	18.0	20.0	38.0	143.0	92.0 3	93.0 3	86.0	122.0	66.4	.0	697.4 3
1965	4	09	.5	.3	.0	93.0	175.0	35.0	36.0	137.0	329.0	387.0	309.5	.0	1502.3
1966	4	09	149.0	.0	53.0	112.6 6	169.3 6	276.3 6	217.6 6	139.3 6	120.4 6	269.5 6	223.0 8	50.1 8	1780.1
1967	4	09	37.6 6	68.2 6	41.5 6	123.0 6	182.2 8	120.4 6	88.4 6	115.8 6	102.8 6	340.6 8	223.0 8	50.1 8	1493.6
1968	4	09	30.3 8	31.0 8	63.3 8	142.9 8	182.2 8	137.4 8	92.0	225.5	110.0	617.0	255.0	6.0	1892.6
1969	2	01	75.0	6.0	57.0	252.0	208.5	183.0	30.5	189.5 6	339.0	496.0	206.5	115.0	2158.0
1970	2	01	119.0	35.0	42.0	89.0	405.0	143.0	188.0	214.5	318.0	476.0	390.5	243.0	2663.0
1971	2	01	12.5	75.0	167.0	152.0	229.0	133.0	55.0	221.0	298.0	399.0	272.0	6.0	2019.5
1972	2	01	10.0	31.0	66.0	215.6	167.0	173.0	32.0	172.0	72.0	171.0	276.0	58.0	1443.0
1973	2	01	1.0	4.0	16.0	78.0	57.0	198.0	126.0	208.0	246.0	482.0	289.0	42.0	1739.0
1974	2	01	2.0	2.0	116.0 3	128.0	124.0	100.0	43.0 3	128.0	527.0	185.0	273.0	2.0	1630.0 3
1975	2	01	.0	28.0	17.0	43.0	105.0	105.0	203.0	219.0	228.0	495.0	162.0	99.0	1704.0
1976	2	01	.0	13.0	26.0	172.0	149.0	49.0	34.0	109.0	185.0	476.0	17.0	40.0	1270.0
1977	2	01	24.0	24.0	5.0	33.0	328.0	270.0	100.0	105.0	359.0	251.0	196.7 6	51.0	1766.7
1978	2	01	39.0	71.0	289.0	169.0	269.0	78.0	48.0	114.0	200.0	372.0	220.0	76.0	1945.0
1979	2	01	9.0	90.0	56.0	216.0	173.0	182.0	151.0	368.0	263.0	344.0	314.0	10.0	2176.0
1980	1	01	.0	36.0	.0	210.0	112.0	78.0	41.0	256.0	229.0	179.0	312.0	54.0	1507.0
1981	2	01	2.0	131.0	94.0	240.0	294.0	370.0	85.0	334.0	230.0	431.0 /	307.0	133.0	2651.0
1982	1	01	23.0	59.0	74.0							289.0	68.0	3.0	516.0 3
1983	1	01	8.0	8.0	80.3	264.3	189.9	102.0	156.6	165.8	167.8	256.0	102.9	40.2	1542.0
1984	1	01	38.2	203.6	67.1	193.6	274.3	130.1	232.6	299.9	214.6	304.3	245.1	.0	2203.4
1985	2	01	.0	.0	208.0	160.1	156.0	57.4	114.2	261.9	244.5	288.2	76.4	120.1	1686.8
1986	2	01	6.9	98.2	59.5	88.8	347.0	26.3	29.8	144.9	127.7	381.0	35.0	32.0	1377.1
MEDIOS			26.0	44.1	70.2	152.8	197.5	137.4	97.3	185.4	220.4	336.7	206.1	51.3	1725.1
MAXIMOS			149.0	203.6	289.0	298.0	405.0	370.0	232.6	368.0	527.0	617.0	390.5	243.0	617.0
MINIMOS			0.0	0.0	0.0	20.0	38.0	26.3	29.8	43.0	72.0	69.0	17.0	0.0	0.0

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mm)

FECHA DE PROCESO : 940505 ESTACION : 2502159 TAMALAMEQUE D C

LATITUD	0852 N	TIPO EST	PM	DEPTO	CESAR	FECHA-INSTALACION	1979-NOV
LONGITUD	7349 W	ENTIDAD	01 HIMAT	MUNICIPIO	TAMALAMEQUE	FECHA-SUSPENSION	
ELEVACION	33 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	MAGDALENA		

AÑO	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL
1960	2	01	*	30.0 3	165.0 4	110.0 4	181.0 4	123.0 4		220.0 4	168.0 4	270.0 4			1267.0 3
1961	2	01			100.0 4	130.0 4	325.0 4	41.0 4	500.0 4	270.0 4	30.0 4	976.5 4	535.0 4	.0 4	2907.5 3
1962	2	01	.0	.0	155.0	60.0	150.0	.0	632.5	465.0	325.0	423.0	200.0	.0	2410.5
1963	2	01	.0	88.0	50.0	22.5	43.5	275.0	128.0	181.0	104.0	4	368.5	30.0	1290.5 3
1964	2	01	.0	54.0	.0										54.0 3
1966	2	01								288.0	168.0	263.0	379.0	51.0	1149.0 3
1967	2	01	.0	4.0	.0	129.0	109.0	120.0	80.0					11.0	453.0 3
1968	2	01	.0	2.0 3	5.0	63.0	220.0	212.0	63.0	291.0	206.0	378.0	207.0	10.0	1657.0 3
1969	2	01	5.0	11.0	10.0	406.0	172.0	268.0	36.0	279.0	243.0	347.0	251.0	97.0	2125.0
1970	2	01	77.0	1.5	91.0	194.0	387.0	63.0	111.0	327.0	416.0	528.0	404.0	379.0	2898.5
1971	2	01	23.0	110.0	177.0	198.0	381.0	257.0	44.0	251.0	276.0	333.0	297.0	.0	2349.0
1972	2	01	22.0	49.0	83.0	142.0	181.0	91.0	68.0	262.0	246.0	187.0	87.0	7.0	1425.0
1973	2	01	10.0	12.0	74.0	74.0	117.0	332.0	252.0	334.0	476.0	407.0	343.0	73.0	2524.0
1974	2	01	.0	54.0	155.0	213.0	169.0	114.0	190.0	281.0	864.4	1287	662.0	18.0	4007.4
1975	2	01	.0	67.0	40.0	42.0	132.0	124.0	266.0	534.0	252.0	424.0	611.0	361.0	2853.0
1979	2	01											301.0	2.0	303.0 3
1980	2	01	.0	24.0	.0	200.0	378.0	189.0	25.0	163.0	291.0	164.0 3	269.0	14.0	1717.0 3
1981	2	01	.0	11.0	17.0	222.0	469.0	212.0	186.0	263.0	155.0	259.0	207.0	52.0	2053.0
1982	2	01	35.0	43.0	27.0	190.0	121.0	118.0	15.0	78.0	167.0	207.5	75.0	.0	871.0 3
1983	2	01	.0	.0	48.9	121.4	82.3	87.3	80.5	251.5	201.9	133.4	31.9	13.0	1052.1
1984	2	01	30.3	94.0	49.8	254.3	277.0	79.1	162.9	309.0	406.5	264.8	288.0	.0	2215.7
1985	2	01	9.0	.0	62.1	94.5	209.3	66.4	126.6	204.3	205.6	206.9	86.5	.0	1271.2
1986	2	01	31.5	93.0	128.0	113.0	157.7	28.2	61.5	96.0	172.5	233.0	80.7	25.5	1220.6
MEDIOS			12.9	37.5	68.5	148.9	209.1	141.0	159.4	267.4	268.7	393.6	284.2	54.5	2045.5
MAXIMOS			77.0	110.0	177.0	406.0	469.0	352.0	632.5	534.0	864.4	1287	662.0	379.0	1287.0
MINIMOS			0.0	0.0	0.0	22.5	43.5	0.0	15.0	78.0	30.0	133.4	31.9	0.0	0.0

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mm)

FECHA DE PROCESO : 940505

ESTACION : 2321001 PTO MOSQUITO

LATITUD	0812 N	TIPO EST	PM	DEPTO	CESAR	FECHA-INSTALACION	1960-FEB
LONGITUD	7345 W	ENTIDAD	01 HIMAT	MUNICIPIO	GAMARRA	FECHA-SUSPENSION	
ELEVACION	90 m.s.n.m	REGIONAL	11 SANTANDER	CORRIENTE	MAGDALENA		

AÑO	EST	ENT	ENERO	FEBRE	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOST	SEPTI	OCTUB	NOVIE	DICIE	VR ANUAL
1960	4	02		86.0 3	141.0	102.0	364.0	63.0	82.0	67.0	280.0	459.0	422.0		2066.0 3
1961	4	02	.0	.0	56.0	173.0	93.0	187.0	105.0	46.0	475.0	648.0	584.0	.0	2367.0
1962	4	02	.0	.0	10.0	132.0	451.0	229.0	80.0	489.0	165.0	325.0	.0	.0	1381.0
1963	4	02	.0	50.0	172.0	152.0	128.0	70.0	187.0	260.0	460.0	222.0	172.0	.0	1873.0
1964	4	02	.0	.0	26.0	190.0	437.0	172.0	339.0	102.0	242.0	922.0	152.0	.0	2582.0
1965	4	02	.0	22.0	162.0	65.0	237.0	82.0	234.6 8	306.0	589.0	473.0	720.0	.0	2890.6
1966	4	02	.0	.0	116.0	78.0	82.0	99.0	209.0	89.0	320.0	378.0	462.0	37.0	1870.0
1967	4	02	10.0	.0	24.0	95.0	218.0	386.0	339.0	248.0	605.0	440.0	38.0	.0	2403.0
1968	4	02	.0	7.0	12.0	94.0	364.0	235.0	198.0	242.0	539.0	384.0	104.0	.0	2179.0
1969	2	01	94.0	13.6	28.0	251.0	328.0	492.0	125.0	488.0	542.0	286.0	192.0	.0	2839.0
1970	2	01	7.6 8	.0	123.0	295.0	644.0	459.0	305.0	367.0	365.0	1048	386.0	185.0	4184.6
1971	2	01	23.0	3.0	137.0	70.0	529.0	248.0	156.0	237.0	171.0	247.0	101.0	.0	1922.0
1972	2	01	7.0	42.0	98.0	110.0	361.0	479.0	39.0	291.0	283.0	303.0	233.0	20.0	2266.0
1973	2	01	11.0	.0	113.0	71.0	454.0	305.0	313.0	568.0	518.0	401.0	146.0	28.0	2928.0
1974	2	01	.0	16.0	81.0	344.0	660.0	567.0	165.0	361.0	467.0	1256	555.0	96.0	4563.0
1975	2	01	.0	9.0	42.0	97.0	838.0	432.0	837.0	376.0	1134	742.0	369.0	144.0	5020.0
1976	2	01	.0	.0	20.0	651.0	200.0	297.0	355.0	262.0	726.0	464.0	175.0	9.0	3159.0
1977	2	01	.0	.0	38.0	19.0	346.0	354.0	411.0	395.0	125.0	371.0	80.0	.0	2139.0
1978	2	01	.0	.0	102.0	200.0	271.0	229.0	210.0	120.0	325.0	173.0	44.5	46.0	1720.5
1979	2	01	.0	15.0	13.0	81.0	321.0	260.0	130.0	174.0	232.0	377.0	94.0	14.0	1711.0
1980	1	01	.0	.0	24.0	61.0	235.0	151.0	106.0	116.0	210.0	182.0	170.0	13.0	1268.0
1981	1	01	5.0	1.0	3.0	151.0	252.0	434.0	288.0	195.0	232.0	228.0	176.0	38.0	2003.0
1982	2	01	35.0	17.0	.0	180.0	213.0	167.0	.0	79.0	190.0	281.0	120.0	.0	1282.0
1983	2	01	.0	.0	15.0	134.0	171.0	159.0	114.0	203.0	103.0	170.0	114.0	34.0	1217.0
1984	2	01	5.0	16.0	15.0	99.0	302.0	431.0	232.0	168.0	295.0	225.0	89.0	.0	1877.0
1985	2	01	.0	.0	.0	35.0	172.0	32.0	91.0	164.0	338.0	183.0	64.0	23.0	1102.0
1986	2	01	4.0	2.0	28.0	244.0	164.0	296.0	36.0	116.0	220.0	174.0	59.0	12.0	1355.0
1987	2	01	.0	4.0	32.0	156.0	110.0	143.0	291.0	101.0	194.0	230.0	133.0	83.0	1477.0
1988	1	01	.0	15.0	.0	78.0	218.0	447.0	145.0	277.0	61.0	125.0	126.0	17.0	1509.0
1989	1	01	3.0	15.0	2.0	113.0	86.0	74.0	83.0	202.0	122.0	258.0	41.0	11.0	1010.0
1990	1	01	27.0	15.0	13.0	102.0	136.0	82.0	119.0	161.0	244.0	128.0	25.0	30.0	1082.0
1992	1	01	.0	.0	31.0	89.0	257.0	186.0	234.0	195.0	102.0	101.0	104.0	16.0	1315.0
MEDIOS			7.5	10.9	52.4	147.3	301.3	257.7	205.0	233.3	339.8	381.4	195.3	27.6	2139.4
MAXIMOS			94.0	86.0	172.0	651.0	838.0	567.0	837.0	568.0	1134	1256	720.0	185.0	1256.0
MINIMOS			0.0	0.0	0.0	19.0	82.0	32.0	0.0	46.0	61.0	101.0	0.0	0.0	0.0

H I M A T - INSTITUTO COLOMBIANO DE HIDROLOGIA METEOROLOGIA Y ADECUACION DE TIERRAS

SISTEMA DE INFORMACION HIDROMETEOROLOGICA

VALORES TOTALES MENSUALES DE PRECIPITACION (mm)

FECHA DE PROCESO : 940506

ESTACION : 2803502 CALLAO EL

LATITUD	1023 N	TIPO EST	CO	DEPTO	CESAR	FECHA-INSTALACION	1968-MAR
LONGITUD	7314 W	ENTIDAD	01 HIMAT	MUNICIPIO	VALLEDUPAR	FECHA-SUSPENSION	
ELEVACION	110 m.s.n.m	REGIONAL	02 ATLANTICO	CORRIENTE	AZUCARABUENA		

A#O	EST	ENT	ENERO *	FEBRE *	MARZO *	ABRIL *	MAYO *	JUNIO *	JULIO *	AGOST *	SEPTI *	OCTUB *	NOVIE *	DICIE *	VR ANUAL *
1968	4	07			.0	62.9	130.1	107.4	3.2 3	99.7 3	41.2 3	*	57.2	2.7	504.4 3
1969	2	01	19.4 3	*				135.8	9.9 3	192.0	263.3	193.0	94.3	31.8	939.5 3
1970	2	01	77.5	.0	39.7	22.2	200.6	33.8	72.5	117.4	198.4	153.7	107.7	13.1	1036.6
1971	2	01	30.7	4.0	84.2	59.1	316.8	15.3	59.6	112.3	89.6	264.1	72.3	.0	1108.0
1972	2	01	11.2	13.2	62.3	47.4	230.2	135.3	10.2	64.9	173.0	94.3	10.6	8.2	860.8
1973	2	01	.2	.1	28.6	49.4		238.5	113.0	178.6	217.9	255.8	71.9	10.8	1164.8 3
1974	2	01	.0	.0	57.9	7.5	170.6	135.6	45.3	87.3	246.0	220.9	176.5	1.8	1149.4
1975	2	01	.0	3.4	65.6	29.0	133.4	126.2	97.5	187.4	204.8	264.3	223.3	70.7	1405.6
1976	2	01	.0	.0	.0	210.3	134.0	65.6	40.0	83.5	123.1	92.8	113.3	18.0	884.1
1977	2	01	4.2	.0	.0	5.6	209.7		12.2	189.9	175.6	259.8	132.0	.0 3	989.0 3
1978	2	01		34.9	70.9	71.0	252.9	81.3	48.5	80.0	157.4 3	248.0 3	109.5	30.4	1184.8 3
1979	2	01	.5	3.8	7.3	111.2 3	135.8 3	126.1	67.0		187.2	250.1 3	109.2 3	60.8 3	1059.0 3
1980	2	01	.0	18.9	2.4 3	85.6	44.8 3	96.3	98.0	135.7	150.4	149.7 3	63.8	120.0	965.6 3
1981	2	01	50.2 3	17.1	23.8	207.0	357.6	224.6 3	39.8	51.1 3	111.5	239.3 3	90.5	108.6	1521.1 3
1982	2	01	.3 3	9.7	4	133.2 3	209.5	78.3 3	47.7 3	6.5 3	197.6 3	151.8	12.6	.0	847.2 3
1983	2	01	40.1	2.6	44.2	59.1 3	129.0 3	105.8	45.7 3	109.0 3	204.6	135.3 3	10.8	.0	886.2 3
1984	2	01	4.0 3	33.0 3	41.0	112.1 3	75.6	210.1	92.6	180.9	238.0 3	110.9	121.4	.0	1219.6 3
1985	2	01	.0	.0	22.9	81.8	107.6	4	4	4	4	4	4	4	212.3 3
1986	1	01	.0	14.0	3.0	100.6	208.3	54.0	173.5	228.9	151.5	231.2	153.3	1.5	1319.8
1989	1	01	.0	23.6			122.0	69.6	60.0	173.6	170.2	166.1	90.1	81.8	957.0 3
1990	1	01	.0	.0	.0	79.4	118.3	127.5	39.5	144.7	172.1	330.3	73.0	21.1	1095.9
MEDIOS			12.5	9.4	30.8	80.8	173.0	114.1	58.8	127.7	173.7	200.1	94.7	29.1	1104.5
MAXIMOS			77.5	34.9	84.2	210.3	357.6	238.5	173.5	228.9	263.3	320.3	223.3	120.0	357.6
MINIMOS			0.0	0.0	0.0	5.6	44.8	15.3	3.2	6.5	41.2	92.8	10.6	0.0	0.0