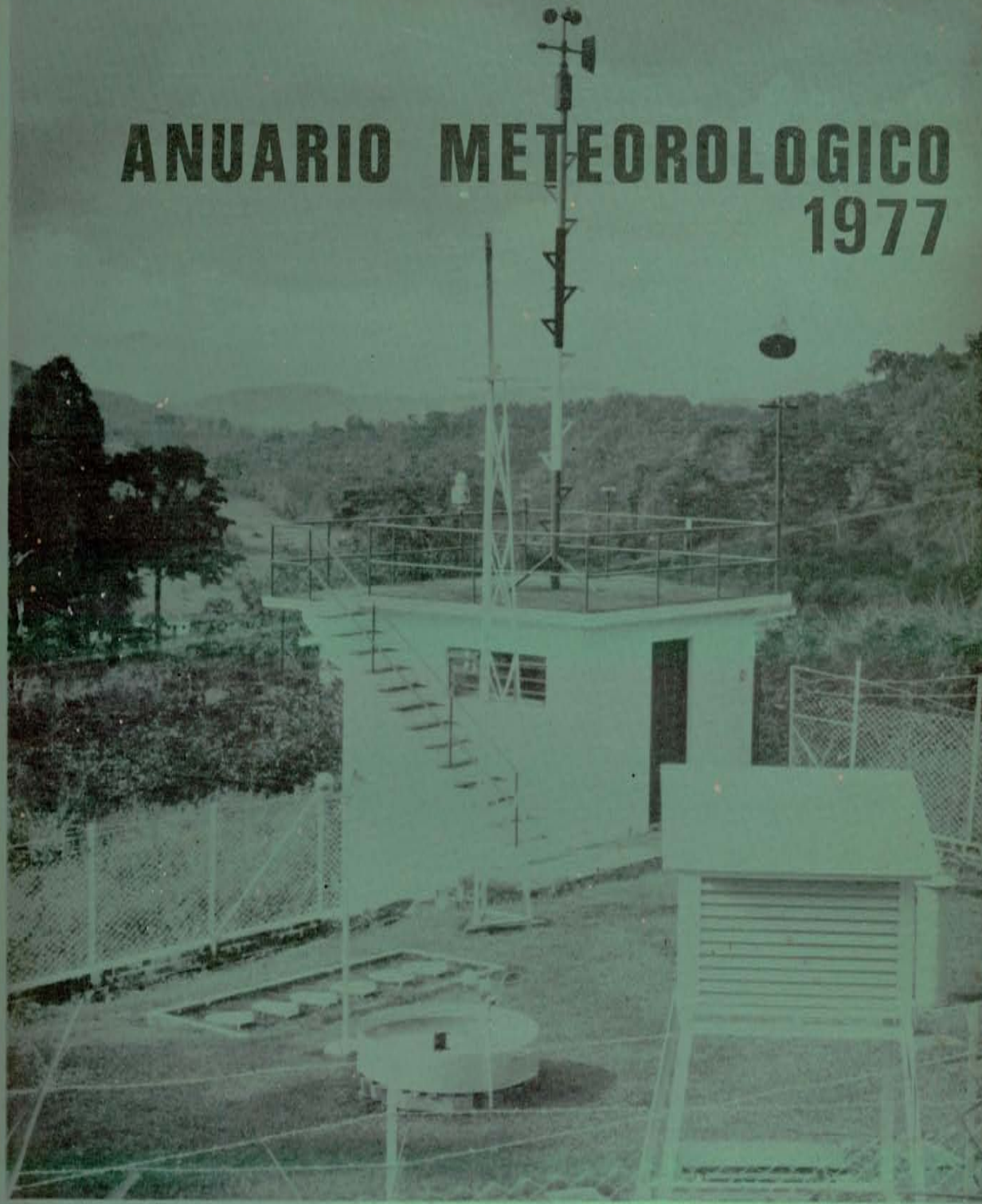
ANUARIO METEOROLOGICO 1977



FEDERACION NACIONAL DE CAFETEROS DE COLOMBIA

CENTRO NACIONAL DE INVESTIGACIONES DE CAFE

Cenicafé

FEDERACION NACIONAL DE CAFETEROS DE COLOMBIA
CENTRO NACIONAL DE INVESTIGACIONES DE CAFE
DEPARTAMENTO DE BIOLOGIA Y SUELOS
SECCION DE AGROCLIMATOLOGIA

ANUARIO METEOROLOGICO

1977

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Este anuario fue preparado por el personal de la Sección de Agroclimatología, Departamento de Biología y Suelos, del Centro Nacional de Investigaciones de Café, con la valiosa colaboración de la División de Extensión y del Departamento de Sistematización de Datos de la Federación Nacional de Cafeteros.

INTRODUCCION

La presente información meteorológica corresponde a las observaciones realizadas durante el año de 1977, en la red de estaciones que posee la Federación de Cafeteros, en la zona cafetera colombiana.

Dicha información comprende: a) Estaciones Principales, con datos de temperatura, humedad relativa, tensión del vapor, punto de rocío, lluvia y brillo solar; b) Estaciones Heliopluviográficas, con datos de lluvia y brillo solar; c) Puestos Pluviográficos, con datos de lluvia obtenidos en pluviógrafos; d) Puestos Pluviométricos, con datos de lluvia observados en pluviómetros.

En la estación central, en el Centro Nacional de Investigaciones de Café, se recopilan, confrontan, corrigen y calculan los datos de toda la red de estaciones.

Para obtener la información se utilizó el siguiente instrumental: termómetro de mercurio, especial para observaciones de temperatura máxima; termómetro de alcohol, especial para observaciones de temperatura mínima; psicrómetro tipo Assmann; termógrafo bimetálico; higrógrafo e higrómetro de cabellos; pluviógrafo tipo Hellmann; pluviómetro de reglilla y heliógrafo tipo Campbell-Stokes.

Las observaciones se realizaron tres veces diarias: a las 07:00, 13:00 y 19:00 horas, hora local, contando además con datos continuos en aparatos registradores.

CALCULOS

Para obtener valores de humedad relativa, tensión del vapor y punto de rocío, a cada término de observación se utilizaron los datos del psicrómetro (termómetro seco y termómetro húmedo), y las tablas de tensión del vapor saturante, aplicando las fórmulas siguientes:

$$e = E - Ap\,(t - t_,)$$

e = Tensión del vapor actual, en milibares.
E = Tensión del vapor saturante.
Ap = Constante psicrométrica (en función del aparato y de la presión atmosférica).
t = Temperatura del termómetro seco, en °C.
t, = Temperatura del termómetro húmedo, en °C.

$$\text{Humedad relativa} = \frac{e}{E}\,100$$

Punto de rocío = la temperatura que correspondería cuando "e" se iguale a "E".

Los valores medios de la humedad relativa, la tensión del vapor y el punto de rocío, corresponden a la media aritmética de las tres observaciones, así:

$$\frac{07 + 13 + 19}{3}$$

La temperatura media diaria se obtiene, según la siguiente media aritmética:

$$\frac{07 + 13 + 19 + 19}{4}$$

Se presentan las medias mensuales y anuales de los elementos antes mencionados, incluyendo los valores de las temperaturas máxima y mínima media, calculados como medias aritméticas de los valores diarios correspondientes.

Las temperaturas máximas absolutas, corresponden al mayor valor observado durante un período. Las temperaturas mínimas absolutas, corresponden al mínimo valor observado en el período.

Los valores de lluvia corresponden a: a) Día = el total lluvia registrado desde las 7 a.m., hasta las 7 p.m.; b) Noche = total de lluvia registrado desde las 7 p.m. hasta las 7 a.m. del día siguiente; c) Total = suma de los valores de día y noche. Se anotan los días lluviosos, o sea el número de días que presentaron una lluvia superior a 0.1 mm.

El brillo solar corresponde a la suma diaria, mensual o anual de horas de insolación, registrada en el heliógrafo.

VIENTOS DE SUPERFICIE

Al final de este Anuario (páginas 295 a 326), se presentan los datos diarios de vientos de superficie, registrados en El Rosario, Agronomía, Cenicafé, Naranjal, La Florida, Pueblo Bello, Ospina Pérez, Tibacuy, Paraguaicito, Chapetón y Albán.

Las medidas se efectuaron en anemógrafos mecánicos, provistos de veleta para dirección y de tubo de Pitot para las ráfagas. Los valores más altos en las ráfagas, registrados en Cenicafé, Naranjal y Paraguaicito, se deben a equipos más completos y sensibles.

Se discriminó la información en día y noche y se evaluó la dirección dominante (mayor número de horas en determinada dirección). Las ráfagas se presentan en kilómetros por hora y especificando su dirección, ya que a veces es diferente a la dominante, por presencia de remolinos. Se consideraron ocho direcciones de la rosa de los vientos (N, NE, E, W, SE, NW, S); la letra C define las calmas y la letra V perfodos con dirección muy variable.

NUEVAS ESTACIONES

Durante este año se hicieron las siguientes instalaciones:

Misiones	- Mesitas del Colegio	(Principal)
La Aldea	- Dabeiba	(Puesto pluviométrico)
La Francia	- Chinchiná	(Puesto pluviométrico)
San Juan de Rioseco		(Puesto pluviométrico)
Icali	- Sasaima	(Puesto pluviométrico)
Maracay	- Quimbaya	(Puesto pluviométrico)
Yolanda	- Quimbaya	(Puesto pluviométrico)

MODIFICACIONES

Armenia	- Sena	Se redujo a heliopluviográfica
La Virginia	- Ingenio San. Francisco	Se aumentó a principal
Buenavista	- Paraguaicito	Se cambió el nombre del municipio.

TRASLADOS

San Vicente	- El Diviso	Fue trasladada a la Concentración de Aguas Blancas, en el mismo municipio de San Vicente.

SUSPENDIDAS

Pisamal	- La Tebaida
Carare	- Caicedonia
Calamar	- Marsella

LOCALIZACION DE LA RED METEOROLOGICA

La mayor parte de los puestos de observación se encuentran localizados en las vertientes de la Cordillera Andina. Por sus características climáticas e influencia de la altitud, se distinguen cuatro zonas principales: Zona Norte, Zona Central Norte, Zona Central Sur y Zona Sur.

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s.n.m.	Hoya hidrográfica
		ZONA NORTE				
		REGION DE LA SIERRA NEVADA				
CESAR						
	Pueblo Bello		10°22'	73°38'	1.000	Cesar
		CUENCA DEL LAGO MARACAIBO				
NORTE DE SANTANDER						
	Lourdes	Concentración	7°58'	72°50'	1.450	Sardinata
	Salazar	Francisco Romero	7°46'	72°48'	1.000	Zulia
	Chinácota	Blonay	7°35'	72°36'	1.235	Zulia
	Toledo	San Josecito	7°18'	72°28'	1.900	Mangua
		ZONA CENTRAL NORTE				
		VERTIENTE OCCIDENTAL CORDILLERA ORIENTAL				
SANTANDER						
	San Vicente	Aguas Blancas	6°54'	73°40'	950	Sogamoso
	Charalá	Villanueva	6°16'	73°08'	1.450	Suárez
BOYACA						
	Moniquirá	Bertha	5°52'	73°36'	1.700	Suárez
CUNDINAMARCA						
	Yacopí	Montelíbano	5°28'	74°22'	1.340	Negro
	La Palma	Secretaría de Agricultura	5°21'	74°23'	1.250	Negro
	Guaduas	Secretaría de Agricultura	5°04'	74°36'	1.060	Negro
	San Francisco	La Carlina	4°59'	74°17'	1.665	Negro
	Sasaima	El Triángulo	4°58'	74°26'	1.500	Negro
	Sasaima	Icalí	4°57'	74°25'	1.380	Negro
	Sn Juan de Rioseco		4°51'	74°40'	—	Magdalena
		VERTIENTE DE LOS LLANOS				
CUNDINAMARCA						
	Quetame	Monterredondo	4°19'	73°58'	1.300	Negro
META						
	Acacías	Maringá	4°00'	73°46'	540	Acacías

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s.n.m.	Hoya hidrográfica
		VERTIENTE ORIENTAL CORDILLERA CENTRAL				
CALDAS						
	Pensilvania	La Playa	5°31'	75°03'	1.640	La Miel
	Manzanares	Llanadas	5°15'	75°08'	1.420	Guarinó
TOLIMA						
	Falan	Palocabildo	5°08'	74°57'	1.500	Gualí
	Fresno	La Cimarrona	5°10'	75°00'	1.400	Gualí
	Líbano	La Trinidad	4°55'	75°04'	1.430	Recio
		VERTIENTE OCCIDENTAL CORDILLERA CENTRAL				
ANTIOQUIA						
	Venecia	El Rosario	5°58'	75°44'	1.600	Cauca
	Fredonia	Piamonte	5°54'	75°38'	1.330	Cauca
CALDAS						
	Aguadas	Guaimaral	5°37'	75°27'	1.450	Cauca
	Salamina	Llanadas	5°25'	75°32'	1.500	Cauca
	Manizales	Agronomía	5°04'	75°31'	2.150	Chinchiná
	Manizales	Tesorito	5°03'	75°30'	2.250	Chinchiná
	Palestina	Santágueda Facult.	5°04'	75°41'	1.010	Chinchiná
	Palestina	Luker	5°03'	75°41'	1.020	Chinchiná
	Palestina	El Recreo	5°03'	75°38'	1.600	Chinchiná
	Palestina	Santa Ana	5°00'	75°39'	1.250	Chinchiná
	Chinchiná	Cenicafé	4°59'	75°35'	1.310	Chinchiná
	Chinchiná	Naranjal	4°48'	75°36'	1.370	Campoalegre
RISARALDA						
	Sta Rosa de Cabal	El Jazmín	4°53'	75°36'	1.600	Campoalegre
	Pereira	Los Cámbulos	4°51'	75°52'	1.240	Cauca
	Pereira	Planta Tratamiento	4°50'	75°42'	1.450	Otún
	Pereira	Belmonte	4°49'	75°46'	1.400	Otún
	Pereira	El Cedral	4°47'	75°37'	2.120	Otún
	Pereira	La Joya	4°46'	75°47'	1.250	Consota
		VERTIENTE ORIENTAL CORDILLERA OCCIDENTAL				
ANTIOQUIA						
	Dabeiba	La Aldea	7°02'	76°17'	1.500	Río Verde
	Támesis	La Nacional	5°40'	75°44'	1.190	Cauca
	Jardín	Miguel Valencia	5°32'	75°51'	1.570	Cauca
CALDAS						
	Supía	Rafael Escobar	5°28'	75°38'	1.330	Cauca
	Riosucio	La Manuelita	5°23'	75°40'	1.350	Cauca

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s.n.m.	Hoya hidrográfica
RISARALDA						
	Quinchía	La Huisana	5°20'	75°44'	1.650	Risaralda
	Guática	Paraiso	5°18'	75°48'	1.600	Risaralda
	Belén de Umbría	Taparcal	5°11'	75°52'	1.400	Risaralda
	La Virginia	Ingenio San Francisco	4°54'	75°54'	1.000	Cauca
ZONA CENTRAL SUR						
VERTIENTE OCCIDENTAL CORDILLERA ORIENTAL						
CUNDINAMARCA						
	Cachipay	Mesitas de Santa Inés	4°40'	74°28'	1.250	Apulo
	La Mesa	La Palma	4°40'	74°27'	1.100	Bogotá
	La Mesa	El Refugio	4°39'	74°26'	1.250	Bogotá
	Quipile	La Virgen	4°39'	74°35'	1.070	Ríoseco
	San Antonio	Bello Horizonte	4°37'	74°21'	1.380	Bogotá
	Mesitas del Colegio	Misiones	4°29'	74°28'	1.500	Bogotá
	Mesitas del Colegio	El Porvenir	4°29'	74°28'	1.400	Bogotá
	Mesitas del Colegio	Las Granjas	4°28'	74°28'	1.400	Bogotá
	Viotá	Atala	4°24'	74°28'	1.160	Bogotá
	Tibacuy	Granja	4°21'	74°25'	1.550	Fusagasugá
	Tibacuy	La Vuelta	4°21'	74°27'	1.500	Fusagasugá
	Fusagasugá	Bethania	4°21'	74°24'	1.380	Fusagasugá
	Fusagasugá	Valsálice	4°21'	74°26'	1.450	Fusagasugá
TOLIMA						
	Cunday	Reflejo	4°04'	74°43'	1.180	Magdalena
	Villarrica	Luis Bustamente	3°56'	74°36'	1.610	Magdalena
	Dolores	La Montaña	3°33'	74°54'	1.260	Magdalena
	Dolores	El Ocaso	3°32'	74°53'	1.000	Magdalena
	Alpujarra	El Chircal	3°24'	74°56'	—	Magdalena
HUILA						
	Tello	Sucre	3°04'	75°09'	—	Magdalena
VERTIENTE ORIENTAL CORDILLERA CENTRAL						
TOLIMA						
	Ibagué	Chapetón	4°27'	75°16'	1.300	Coello
	Rovira	La Aldea	4°13'	75°14'	1.550	Coello
	Valle de San Juan	Orisol	4°10'	75°07'	1.500	Coello
	Chaparral	Limón	3°43'	75°38'	990	Ríoblanco
	Rioblanco	El Encanto	3°33'	75°42'	1.530	Ríoblanco
HUILA						
	Teruel	Buenos Aires	2°45'	75°35'	1.500	Magdalena

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s.n.m.	Hoya hidrográfica
		VERTIENTE OCCIDENTAL CORDILLERA CENTRAL				
QUINDIO						
	Circasia	Bremen	4°39'	75°39'	2.040	Barbas
	Quimbaya	Vivero	4°37'	75°46'	1.400	La Vieja
	Quimbaya	Maracay	4°37'	75°46'	1.450	La Vieja
	Quimbaya	Yolanda	4°37'	75°46'	1.320	La Vieja
	Montenegro	Pueblo Tapado	4°34'	75°47'	1.250	La Vieja
	Armenia	SENA	4°33'	75°40'	1.550	Quindío
	Calarcá	La Bella	4°30'	75°38'	1.450	Quindío
	La Tebaida	La Argentina	4°28'	75°46'	1.200	La Vieja
	Buenavista	Paraguaicito	4°24'	75°43'	1.250	Rioverde
VALLE						
	Alcalá	Arturo Gómez	4°40'	75°48'	1.320	La Vieja
	Sevilla	Heraclio Uribe	4°16'	75°55'	1.540	La Vieja
	Palmira	Campanella	4°13'	75°17'	1.550	Cauca
CAUCA						
	Santander	Instituto Técnico	3°01'	76°29'	1.110	Cauca
		VERTIENTE ORIENTAL CORDILLERA OCCIDENTAL				
VALLE						
	Ansermanuevo	Bellavista	4°48'	76°04'	1.550	Cauca
	El Cairo	Sub-estación Albán	4°46'	76°13'	1.400	Garrapatas
	Argelia	Santiago Gutiérrez	4°43'	76°10'	1.550	Cauca
	Roldanillo	El Horizonte	4°24'	76°10'	—	Cauca
	Trujillo	Manuel Mallarino	4°10'	76°21'	1.380	Cauca
	Restrepo	Julio Fernández	3°49'	76°31'	1.360	Calima
		ZONA SUR				
		VERTIENTE OCCIDENTAL CORDILLERA ORIENTAL				
HUILA						
	Algeciras	Kiosco	2°32'	75°20'	1.400	Neiva
	Gigante	Jorge Villamil	2°22'	75°33'	1.500	Magdalena
		VERTIENTE OCCIDENTAL CORDILLERA CENTRAL				
CAUCA						
	Cajibío	La Aurelia	2°37'	76°35'	1.840	Cauca
	Popayán	La Florida	2°27'	76°35'	1.850	Cauca
	Tambo	Manuel Mejía	2°24'	76°48'	1.700	Cauca
	Rosas	La Soledad	2°15'	77°45'	—	Timbío
		CUENCA DEL RIO PATIA				
NARIÑO						
	La Unión		1°37'	77°09'	1.800	Patía
	Consacá	Ospina Pérez	1°16'	77°28'	1.700	Guaitará

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NARIÑO	Consacá - Ospina Pérez	315 - 317
QUINDIO	Buenavista - Paraguaicito	318 - 320
TOLIMA	Ibagué - Chapetón	321 - 323
VALLE	El Cairo - Albán	324 - 326

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.977

ALTITUD: 1.600 LATITUD: 5-58 N. LONGITUD: 75-44 W.

M E S — ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	26.0	20.7	68.4	15.990	14.0	0.0	0.0	0.0	10.4
2	17.0	24.6	21.5	64.4	16.023	13.8	0.0	0.0	0.0	6.8
3	16.0	26.8	21.4	66.6	16.356	14.2	0.0	0.0	0.0	10.9
4	17.0	26.8	21.5	61.7	15.258	13.1	0.0	0.0	0.0	10.2
5	17.0	28.3	22.4	49.2	12.434	9.6	0.0	0.0	0.0	11.0
6	16.0	27.1	22.1	60.7	15.195	13.2	0.0	0.0	0.0	10.9
7	15.4	27.1	21.4	63.8	15.448	13.5	0.0	0.0	0.0	10.9
8	16.5	27.1	21.9	63.8	16.029	14.0	0.0	0.0	0.0	10.9
9	15.0	28.0	22.5	58.5	14.824	12.7	0.0	0.0	0.0	11.0
10	15.5	26.0	20.7	60.9	14.211	12.1	0.0	0.0	0.0	9.0
11	14.0	26.8	20.8	62.5	14.457	12.5	0.0	0.0	0.0	10.5
12	14.6	27.0	21.1	62.2	14.580	12.5	0.0	0.0	0.0	11.0
13	15.1	26.0	20.8	66.4	15.371	13.3	0.0	0.0	0.0	10.7
14	16.0	27.0	21.4	66.4	15.863	13.9	0.0	0.0	0.0	10.0
15	16.5	28.0	21.5	71.0	17.617	15.5	0.0	0.0	0.0	8.5
16	16.6	24.4	21.2	76.4	18.657	16.3	0.0	0.0	0.0	3.7
17	16.0	25.5	21.6	71.0	17.551	15.4	0.0	0.0	0.0	4.2
18	16.8	23.3	20.0	79.5	18.184	16.0	0.0	0.0	0.0	0.8
19	16.3	24.3	19.9	78.5	18.123	16.0	0.0	0.0	0.0	1.8
20	15.5	27.0	20.6	69.8	16.447	14.4	0.0	0.0	0.0	8.8
21	14.8	28.0	21.5	65.9	16.143	14.1	0.0	0.0	0.0	10.6
22	16.5	27.0	21.4	67.3	16.414	14.4	0.0	0.0	0.0	8.3
23	15.6	29.1	18.9	78.4	17.149	15.1	5.9	8.8	14.7	10.1
24	14.5	21.4	18.2	88.2	18.280	16.1	0.0	0.0	0.0	1.3
25	16.5	26.0	20.7	72.6	17.298	15.2	0.0	0.0	0.0	7.6
26	16.0	24.0	19.6	70.1	15.566	13.6	0.0	0.0	0.0	6.3
27	16.0	27.0	21.7	62.5	15.316	13.3	0.0	0.0	0.0	8.1
28	16.0	28.0	21.6	66.3	16.474	14.5	0.0	0.0	0.0	7.9
29	16.5	27.7	21.7	61.9	15.552	13.6	0.0	0.0	0.0	10.0
30	16.0	27.4	21.2	64.6	15.980	14.0	0.0	0.0	0.0	9.7
31	15.7	23.8	18.7	81.2	17.063	15.0	0.3	0.0	0.3	3.3
PROM.	15.9	26.3	21.0	67.8	16.124	14.0	6.2	8.8	15.0	255.2

M E S — FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	27.0	21.7	64.6	16.278	14.3	0.0	0.0	0.0	9.5
2	16.0	28.0	21.5	64.5	15.818	13.8	0.0	0.0	0.0	10.3
3	15.5	28.6	22.6	53.0	13.559	10.9	0.0	0.0	0.0	10.9
4	16.5	28.0	21.9	56.7	14.183	11.7	0.0	0.0	0.0	9.6
5	16.5	27.8	21.7	65.7	16.547	14.5	0.1	0.2	0.3	10.5
6	17.3	28.8	23.2	57.3	15.407	13.3	0.0	1.5	1.5	10.3
7	16.5	26.5	21.4	67.0	16.488	14.5	0.0	0.0	0.0	6.4
8	15.5	28.1	21.9	62.6	15.901	13.8	0.0	0.0	0.0	8.9
9	18.0	27.4	23.3	59.6	16.637	14.4	1.2	0.0	1.2	7.1
10	17.5	27.0	22.6	66.4	17.603	15.4	0.0	0.8	0.8	4.8
11	17.0	26.0	21.8	72.6	18.313	16.1	0.0	0.0	0.0	5.6
12	17.0	25.6	19.7	83.0	18.323	16.1	0.1	0.0	0.1	4.6
13	16.0	27.0	22.3	67.5	17.527	15.4	0.0	1.3	1.3	5.1
14	17.0	26.8	21.1	71.9	17.466	15.4	0.2	3.4	3.6	7.0
15	16.0	25.5	22.0	66.9	16.969	14.9	3.1	2.7	5.8	8.4
16	15.5	26.5	20.8	76.0	18.219	16.1	0.7	1.2	1.9	6.6
17	16.0	25.0	21.2	69.4	16.552	14.5	0.0	0.0	0.0	6.4
18	17.0	28.6	22.6	54.0	13.949	11.5	0.0	0.0	0.0	9.7
19	17.5	25.5	21.1	69.5	17.325	15.2	0.0	0.0	0.0	3.8
20	15.5	24.0	18.0	75.6	15.557	13.5	1.2	0.0	1.2	3.0
21	15.5	25.5	20.4	75.1	17.222	15.2	0.0	0.2	0.2	7.4
22	16.5	27.3	21.2	63.9	15.753	13.8	3.0	0.0	3.0	7.5
23	16.5	28.0	22.7	59.9	15.637	13.6	1.0	0.0	1.0	7.7
24	17.0	29.0	21.9	63.5	16.225	14.2	0.5	0.1	0.6	7.3
25	16.5	26.0	21.9	63.7	15.851	13.9	0.0	0.0	0.0	6.9
26	16.5	28.1	21.6	65.1	16.218	14.2	0.0	0.0	0.0	6.9
27	17.5	25.0	21.8	66.5	16.929	14.9	0.0	0.0	0.0	2.5
28	16.8	27.2	22.7	59.4	15.496	13.4	0.0	0.0	0.0	6.0
PROM.	16.5	26.9	21.7	65.7	16.355	14.2	11.1	11.4	22.5	202.7

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.977

ALTITUD: 1.600 LATITUD: 5-58 N. LONGITUD: 75-44 W.

M E S — MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	27.0	21.8	66.3	16.716	14.6	0.0	0.0	0.0	3.7
2	17.5	28.0	22.9	60.8	16.178	14.1	0.0	0.0	0.0	5.1
3	17.8	29.0	23.7	57.4	15.885	13.8	0.0	0.0	0.0	6.2
4	17.5	29.5	23.9	54.4	15.617	13.4	0.0	0.0	0.0	7.9
5	18.0	31.0	24.5	47.3	13.586	11.5	0.0	0.0	0.0	10.1
6	19.0	30.0	24.5	50.7	14.956	12.8	0.0	0.0	0.0	7.2
7	19.0	30.5	24.6	50.3	14.800	12.4	0.0	0.0	0.0	9.2
8	17.5	30.6	23.3	42.9	11.141	8.5	0.0	0.0	0.0	10.0
9	19.0	29.5	24.6	45.3	13.584	11.5	0.0	0.0	0.0	8.9
10	19.3	32.0	25.0	50.4	15.314	13.3	0.0	0.0	0.0	9.9
11	19.5	30.5	24.8	48.4	14.512	12.4	0.0	0.0	0.0	4.9
12	19.5	28.5	23.7	57.9	16.470	14.3	0.0	0.0	0.0	4.9
13	16.0	24.5	20.6	70.7	16.696	14.6	0.0	0.0	0.0	2.5
14	16.5	28.0	21.6	67.0	16.528	14.5	0.0	0.0	0.0	5.2
15	17.0	28.6	21.0	65.6	16.225	14.3	17.7	0.0	17.7	8.2
16	16.5	25.0	21.0	72.5	17.837	15.7	0.0	0.0	0.0	2.4
17	17.0	27.0	21.6	63.7	16.214	14.2	0.2	0.0	0.2	4.0
18	17.0	29.0	22.1	63.0	16.131	14.1	0.0	0.0	0.0	7.9
19	17.0	26.0	22.3	63.9	16.714	14.7	5.3	0.0	5.3	3.9
20	18.0	29.0	23.4	57.4	15.718	13.6	0.0	0.0	0.0	8.2
21	19.5	29.0	22.3	64.4	17.458	15.4	14.2	19.5	33.7	7.2
22	15.5	23.3	19.2	84.4	18.484	16.2	0.2	0.0	0.2	1.3
23	16.5	26.3	19.3	77.8	17.834	15.7	3.1	0.1	3.2	4.5
24	15.5	27.0	20.6	68.4	16.397	14.4	0.0	0.0	0.0	9.4
25	17.5	27.3	20.9	68.7	17.141	15.0	0.0	0.0	0.0	6.5
26	17.0	29.0	22.3	66.9	17.739	15.6	0.0	0.0	0.0	9.1
27	18.0	28.0	21.0	68.5	17.301	15.2	13.9	0.0	13.9	7.9
28	15.0	22.1	18.2	90.5	18.526	16.3	4.7	4.1	8.8	0.3
29	15.5	25.0	19.8	78.0	17.612	15.5	0.0	0.0	0.0	5.3
30	15.5	25.0	18.8	81.4	17.798	15.7	3.9	0.0	3.9	2.0
31	16.0	24.4	19.3	74.9	17.037	15.0	9.9	0.5	10.4	3.0
PROM.	17.3	27.7	22.0	63.9	16.263	14.1	73.1	24.2	97.3	186.8

M E S — ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.0	20.0	77.5	18.036	15.8	0.3	1.4	1.7	3.1
2	15.5	26.6	18.8	73.4	15.931	13.9	4.9	0.0	4.9	8.2
3	15.5	26.5	21.6	60.8	15.324	13.4	0.0	12.5	12.5	9.4
4	14.5	22.8	18.4	83.9	17.539	15.4	0.0	0.0	0.0	2.6
5	15.5	27.0	21.4	61.5	15.108	13.1	0.0	0.0	0.0	10.1
6	16.0	28.0	20.7	60.7	14.809	12.8	0.0	0.0	0.0	10.6
7	16.8	28.0	21.4	63.0	16.040	14.1	1.9	0.1	2.0	7.9
8	16.8	26.3	21.0	69.4	17.283	15.2	0.8	0.0	0.8	8.2
9	16.5	28.0	22.7	63.8	16.918	14.9	0.0	0.0	0.0	9.4
10	16.5	28.6	22.3	60.3	15.487	13.4	0.0	0.0	0.0	9.8
11	17.5	28.6	23.6	59.2	16.637	14.5	0.0	0.0	0.0	7.2
12	18.0	23.4	21.2	78.7	19.450	17.1	0.0	0.0	0.0	0.2
13	17.5	28.5	22.8	62.9	17.327	15.3	0.1	0.0	0.1	9.9
14	17.5	26.7	20.5	76.3	18.653	16.4	13.7	0.0	13.7	2.3
15	16.5	29.6	23.8	59.5	16.480	14.3	0.0	0.0	0.0	11.2
16	18.0	29.0	24.0	58.9	17.334	15.3	0.0	0.5	0.5	1.6
17	17.5	24.5	20.7	76.7	18.401	16.2	0.0	0.2	0.2	8.6
18	16.5	27.5	22.8	64.4	17.287	15.2	0.0	0.0	0.0	7.1
19	17.0	25.5	22.1	68.1	17.791	15.7	0.0	0.0	0.0	0.0
20	18.0	28.1	23.1	61.4	16.740	14.7	0.0	0.0	0.0	5.3
21	19.0	25.0	21.4	70.3	18.095	15.9	0.4	0.0	0.4	0.3
22	17.0	26.0	21.5	66.7	16.938	14.9	0.0	0.0	0.0	7.1
23	16.4	19.3	17.5	92.4	18.725	16.5	3.5	0.2	3.7	0.0
24	14.5	25.3	19.7	69.0	15.409	13.4	0.0	11.3	11.3	5.5
25	15.0	25.5	20.5	75.7	17.952	15.8	0.1	12.3	12.4	6.2
26	15.5	24.0	18.5	85.3	18.489	16.2	3.3	25.1	28.4	3.3
27	15.3	23.0	18.7	82.3	17.938	15.8	3.8	0.0	3.8	3.0
28	15.5	23.5	18.5	81.3	17.451	15.4	9.7	14.4	24.1	7.9
29	14.0	25.5	18.4	83.3	17.559	15.4	19.0	7.6	26.6	2.2
30	15.0	22.3	18.1	85.6	17.988	15.8	4.9	3.7	8.6	1.0
PROM.	16.4	25.9	20.9	71.1	17.171	15.1	66.4	89.3	155.7	169.2

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.977

ALTITUD: 1.600 LATITUD: 5-58 N. LONGITUD: 75-44 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	26.0	20.5	74.4	17.853	15.7	0.0	0.0	0.0	3.4
2	17.0	26.0	20.5	75.8	18.246	16.1	0.3	0.0	0.3	3.3
3	18.6	26.0	21.8	68.8	18.233	16.0	1.2	1.6	2.8	6.6
4	15.5	23.0	19.5	80.5	18.218	16.0	0.0	10.7	10.7	2.3
5	15.0	21.5	17.8	80.9	16.533	14.5	6.9	0.0	6.9	0.5
6	15.0	25.0	20.7	70.3	16.823	14.8	0.0	2.2	2.2	7.7
7	17.0	24.0	20.8	79.8	19.423	17.0	0.0	0.6	0.6	3.8
8	16.5	26.0	20.7	69.4	16.978	14.9	0.0	3.7	3.7	9.0
9	15.5	22.0	19.6	81.4	18.233	16.0	0.9	0.0	0.9	2.7
10	16.0	26.0	20.4	76.5	18.280	16.1	2.7	7.6	10.3	7.4
11	16.5	24.6	21.3	76.3	19.297	17.0	0.0	0.0	0.0	5.3
12	17.5	26.6	22.3	67.9	18.154	16.0	0.0	0.0	0.0	9.0
13	17.3	25.0	21.4	70.3	17.783	15.7	0.0	64.5	64.5	2.1
14	14.5	21.0	18.1	82.4	16.960	14.9	2.0	1.6	3.6	0.8
15	14.7	22.0	16.3	88.7	16.799	14.7	27.6	0.0	27.6	1.7
16	14.5	25.0	19.5	76.5	17.096	15.1	15.0	0.0	15.0	8.4
17	16.5	26.0	21.2	72.2	18.353	16.2	0.2	0.1	0.3	7.6
18	16.5	26.0	20.8	75.8	18.049	15.9	0.5	0.0	0.5	5.0
19	16.5	26.5	21.6	70.4	18.154	15.9	1.5	1.6	3.1	7.3
20	16.0	23.0	19.0	89.1	19.543	17.2	0.1	0.0	0.1	0.7
21	16.5	22.0	18.5	90.5	19.421	17.0	3.9	0.0	3.9	0.5
22	15.5	24.0	20.1	79.4	18.854	16.6	2.9	16.8	19.7	5.4
23	14.5	24.8	18.5	79.6	17.036	15.0	9.1	2.0	11.1	3.7
24	14.5	24.0	19.7	75.0	17.379	15.2	0.0	15.3	15.3	7.8
25	15.5	22.0	19.1	84.6	18.726	16.5	0.5	0.0	0.5	1.2
26	15.5	24.0	19.9	75.9	17.749	15.5	0.0	14.2	14.2	3.6
27	15.5	23.0	18.8	81.1	17.779	15.6	0.4	0.5	0.9	1.8
28	15.0	23.5	19.3	83.6	18.625	16.4	0.0	2.6	2.6	3.2
29	15.0	23.0	19.4	79.4	17.832	15.7	0.0	0.0	0.0	1.1
30	16.0	25.0	21.1	72.2	17.848	15.7	0.0	0.0	0.0	6.6
31	16.5	23.5	20.2	79.2	18.838	16.5	0.0	0.0	0.0	2.0
PROM.	15.8	24.2	19.9	77.7	18.035	15.9	75.7	145.6	221.3	131.5

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	23.0	18.3	78.6	17.203	15.1	16.0	13.6	29.6	5.5
2	14.5	23.0	18.2	86.2	17.940	15.8	0.5	10.5	11.0	5.3
3	15.5	23.0	19.1	85.6	18.590	16.3	1.5	0.0	1.5	5.2
4	15.5	24.5	20.3	78.2	18.441	16.2	0.0	0.0	0.0	5.6
5	15.4	24.9	19.2	75.8	16.762	14.7	0.0	0.0	0.0	8.7
6	16.4	24.4	19.1	79.9	17.921	15.8	0.5	13.5	14.0	4.4
7	15.0	23.6	18.0	88.9	18.412	16.2	13.1	42.1	55.2	3.3
8	14.5	24.4	19.9	78.0	17.418	15.3	0.0	0.0	0.0	4.6
9	16.0	25.5	21.2	71.3	17.395	15.3	0.0	0.3	0.3	10.2
10	17.5	25.3	20.3	73.2	17.210	15.1	0.0	0.0	0.0	4.6
11	16.0	23.3	18.2	84.8	17.948	15.8	14.5	0.7	15.2	4.1
12	15.0	25.0	17.5	86.0	17.583	15.5	29.4	0.4	29.8	3.5
13	14.6	22.5	18.6	82.9	17.439	15.3	0.0	18.9	18.9	3.4
14	14.5	24.0	19.7	82.2	18.802	16.5	0.0	0.0	0.0	5.7
15	15.5	26.0	21.3	73.4	17.936	15.7	0.0	0.0	0.0	9.5
16	16.0	25.0	21.4	70.8	18.013	15.9	0.0	0.1	0.1	7.1
17	16.5	26.0	22.2	66.6	18.022	15.9	0.0	0.0	0.0	11.2
18	16.5	26.0	21.8	68.5	17.835	15.7	0.0	0.0	0.0	10.7
19	16.5	26.0	21.8	64.9	16.794	14.7	0.0	0.0	0.0	9.4
20	16.5	24.9	18.9	77.9	17.239	15.2	38.9	13.8	52.7	7.4
21	15.0	21.0	17.6	87.8	17.924	15.7	1.8	0.1	1.9	2.4
22	15.0	25.5	21.2	69.4	16.756	14.7	0.0	0.0	0.0	10.6
23	16.6	26.0	21.9	67.2	17.232	15.1	0.0	0.0	0.0	10.8
24	16.5	25.5	21.6	69.4	17.591	15.5	0.0	0.0	0.0	7.3
25	17.0	27.1	22.7	59.1	15.806	13.8	0.0	1.6	1.6	10.9
26	17.0	26.3	22.4	66.4	17.768	15.6	0.0	0.0	0.0	11.2
27	17.1	27.1	22.5	63.5	16.723	14.4	0.0	0.0	0.0	7.3
28	16.8	25.0	20.5	72.8	17.531	15.4	0.0	0.0	0.0	4.0
29	16.6	24.0	19.8	82.6	19.118	16.8	0.0	0.0	0.0	4.4
30	16.0	23.0	18.5	88.6	18.809	16.5	1.8	31.6	33.4	5.7
PROM.	15.9	24.7	20.1	76.0	17.672	15.5	118.0	147.2	265.2	204.0

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.977

ALTITUD: 1.600 LATITUD: 5-58 N. LONGITUD: 75-44 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	23.1	19.3	77.4	16.833	14.8	0.0	0.0	0.0	5.2
2	16.0	25.0	20.3	72.6	17.409	15.3	2.5	0.0	2.5	7.7
3	16.5	26.5	21.6	73.2	18.887	16.6	0.0	2.2	2.2	11.0
4	15.0	25.5	20.7	68.2	16.203	14.2	0.0	0.0	0.0	8.9
5	16.0	25.0	18.8	81.1	18.048	15.9	26.6	31.7	58.3	9.2
6	14.0	23.0	18.7	80.3	17.207	15.1	0.9	13.2	14.1	4.9
7	15.0	23.5	18.2	85.8	17.997	15.8	15.8	0.0	15.8	3.5
8	15.0	24.8	20.7	73.6	17.661	15.5	0.0	0.0	0.0	8.9
9	16.0	24.5	18.9	76.9	17.387	15.3	13.7	0.3	14.0	8.8
10	14.8	25.0	21.0	76.2	18.621	16.4	0.0	0.0	0.0	10.8
11	15.0	27.6	22.5	52.7	13.631	11.5	0.0	0.0	0.0	11.4
12	16.5	25.0	21.1	64.7	16.154	14.0	0.0	0.0	0.0	4.5
13	16.0	26.5	22.5	58.1	15.478	13.5	0.0	0.3	0.3	10.4
14	16.5	25.5	21.8	71.5	18.378	16.1	0.0	0.3	0.3	7.9
15	15.5	24.5	19.4	81.9	18.802	16.5	5.3	13.2	18.5	3.5
16	15.0	25.0	19.5	80.6	18.199	16.0	0.0	0.0	0.0	8.2
17	16.9	27.0	23.0	57.1	15.564	13.4	0.0	0.0	0.0	9.3
18	17.0	27.4	22.3	57.6	15.324	13.3	0.0	0.0	0.0	7.7
19	15.5	26.8	19.3	70.3	16.282	14.3	44.2	3.7	47.9	8.5
20	14.1	25.0	20.6	65.8	15.613	13.6	0.0	0.0	0.0	8.0
21	16.0	27.5	23.0	59.8	16.019	13.8	0.0	0.0	0.0	11.6
22	16.5	27.8	23.1	56.2	15.402	13.4	0.0	0.0	0.0	11.1
23	17.5	27.4	23.1	65.6	18.453	16.2	0.0	18.6	18.6	9.6
24	15.0	24.6	20.0	73.2	16.797	14.8	0.0	1.0	1.0	5.5
25	17.0	25.8	20.5	75.8	18.218	16.0	0.0	20.5	20.5	8.7
26	15.0	24.5	19.5	79.9	17.962	15.8	1.6	50.0	51.6	6.0
27	13.0	22.6	18.1	82.7	16.990	15.0	2.3	0.0	2.3	6.8
28	15.3	26.5	21.9	61.5	15.833	13.6	0.0	0.0	0.0	11.0
29	17.0	28.0	23.6	52.0	14.994	12.8	0.0	0.0	0.0	11.6
30	17.0	26.4	22.5	55.4	14.833	12.9	0.0	17.8	17.8	10.5
31	14.5	23.0	19.2	77.7	17.381	15.3	1.1	17.2	18.3	1.0
PROM.	15.6	25.5	20.8	69.9	16.857	14.7	114.0	190.0	304.0	251.7

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	23.9	18.3	81.0	16.964	14.9	4.6	0.0	4.6	6.4
2	16.0	24.9	21.5	73.1	18.215	15.9	0.0	0.0	0.0	7.2
3	16.6	26.4	21.9	67.0	17.491	15.4	0.0	1.8	1.8	9.4
4	15.5	25.0	21.0	74.1	18.127	15.9	0.0	0.0	0.0	10.7
5	16.5	25.5	20.3	78.5	18.788	16.5	3.5	0.0	3.5	8.9
6	15.5	24.5	19.3	84.2	18.936	16.6	2.5	18.9	21.4	4.3
7	14.6	23.0	19.2	83.2	18.444	16.2	0.3	0.4	0.7	4.5
8	15.5	23.0	19.1	87.2	19.053	16.7	0.0	18.1	18.1	3.0
9	14.5	24.5	18.5	79.7	16.897	14.8	0.0	16.0	16.0	6.0
10	14.0	24.8	19.2	80.4	17.496	15.4	0.0	28.0	28.0	7.8
11	15.3	24.0	19.5	79.3	17.557	15.5	0.1	0.0	0.1	6.3
12	15.5	26.0	20.7	70.7	17.373	15.3	1.1	5.6	6.7	8.3
13	13.8	25.3	19.5	75.2	16.528	14.5	0.0	4.4	4.4	7.2
14	15.4	24.5	20.1	83.0	19.347	17.0	0.8	3.4	4.2	8.6
15	15.4	24.0	19.7	75.4	17.134	15.0	0.2	37.5	37.7	6.2
16	14.5	22.5	19.4	76.6	16.965	14.9	0.7	0.0	0.7	2.7
17	15.5	25.5	20.6	73.5	17.884	15.8	0.0	0.0	0.0	9.5
18	15.0	25.0	20.7	73.3	17.364	15.3	0.0	0.0	0.0	8.8
19	16.5	25.5	20.4	69.8	16.739	14.7	0.0	6.9	6.9	4.8
20	15.0	23.0	19.3	69.6	15.597	13.6	0.0	48.8	48.8	5.5
21	14.5	20.0	18.0	89.7	18.096	15.9	0.1	0.0	0.1	0.3
22	15.0	26.0	21.1	72.0	17.549	15.4	0.0	0.0	0.0	10.8
23	15.5	27.0	21.9	63.2	15.925	13.9	0.0	0.0	0.0	11.1
24	16.0	27.5	20.4	55.6	13.928	11.5	0.0	0.0	0.0	10.7
25	16.3	27.3	22.8	55.9	15.451	13.3	0.0	0.0	0.0	10.6
26	16.5	27.0	22.2	59.1	15.748	13.8	0.0	0.7	0.7	8.3
27	15.5	25.5	21.6	67.6	17.130	15.0	0.0	0.0	0.0	8.8
28	16.5	27.4	22.7	54.0	14.003	11.9	0.0	0.0	0.0	11.6
29	16.5	28.3	23.2	56.8	16.047	14.0	0.0	0.0	0.0	8.8
30	16.5	26.5	21.8	70.0	18.181	16.0	0.0	2.0	2.0	5.2
31	16.0	24.0	20.2	79.8	18.796	16.5	0.0	0.0	0.0	2.0
PROM.	15.5	25.1	20.5	72.9	17.218	15.1	13.9	192.5	206.4	224.3

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.977

ALTITUD: 1.600 LATITUD: 5-58 N. LONGITUD: 75-44 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	27.5	22.8	55.3	13.961	11.7	0.0	0.0	0.0	10.9
2	16.5	28.0	23.5	50.9	14.044	12.0	0.0	0.0	0.0	10.8
3	18.0	27.0	22.8	62.4	17.110	15.0	0.0	0.0	0.0	8.4
4	16.0	26.6	20.4	75.7	18.507	16.3	32.8	19.4	52.2	7.9
5	14.5	25.5	20.4	76.3	17.710	15.6	0.0	0.0	0.0	5.9
6	16.0	27.0	22.7	50.8	13.067	10.6	0.0	0.0	0.0	10.7
7	16.8	28.0	23.8	43.9	12.497	10.2	0.0	0.0	0.0	10.7
8	17.5	27.6	23.7	55.3	15.942	13.9	0.0	0.0	0.0	10.3
9	17.8	28.0	23.6	59.1	16.850	14.7	0.0	0.2	0.2	8.9
10	17.0	24.5	21.7	66.9	16.837	14.8	0.0	0.0	0.0	1.6
11	16.5	28.0	22.6	59.9	16.416	14.4	0.0	0.0	0.0	10.0
12	17.5	23.0	18.9	84.0	18.831	16.5	7.9	0.0	7.9	1.0
13	15.6	25.0	18.7	82.3	17.966	15.8	54.2	0.0	54.2	4.0
14	14.0	19.0	17.2	90.8	17.798	15.7	2.4	0.4	2.8	0.0
15	14.3	24.0	19.1	83.3	18.503	16.2	2.9	0.0	2.9	6.0
16	15.3	26.9	22.1	65.8	16.501	14.3	0.0	0.0	0.0	10.5
17	17.6	26.8	20.8	68.0	16.701	14.7	0.8	0.0	0.8	6.5
18	16.5	26.0	21.1	65.3	16.429	14.4	0.0	12.5	12.5	7.4
19	13.5	24.8	19.2	79.9	17.348	15.3	0.0	0.8	0.8	5.3
20	15.6	23.8	18.8	78.7	16.952	14.9	0.0	0.0	0.0	2.4
21	15.5	22.0	18.4	82.6	17.640	15.5	0.0	2.1	2.1	3.2
22	15.0	24.5	19.8	81.6	18.884	16.6	2.6	23.9	26.5	6.7
23	14.5	23.5	19.4	81.2	17.802	15.6	0.0	1.0	1.0	1.2
24	16.0	25.0	20.6	82.0	20.134	17.6	0.0	0.0	0.0	4.5
25	13.5	24.5	20.1	71.9	16.427	14.4	0.0	18.6	18.6	5.8
26	14.6	21.0	17.9	83.7	16.904	14.9	0.0	1.3	1.3	0.2
27	15.0	19.8	16.5	95.1	18.078	15.9	13.3	9.6	22.9	0.0
28	14.5	20.5	18.3	90.7	18.828	16.5	0.0	0.0	0.0	0.4
29	15.0	20.4	17.2	88.8	17.570	15.5	26.2	0.0	26.2	1.0
30	14.5	25.7	19.4	73.8	16.126	14.1	0.0	9.3	9.3	6.7
PROM.	15.7	24.8	20.4	72.9	16.945	14.8	143.1	99.1	242.2	168.9

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	23.0	18.3	82.2	17.291	15.2	0.3	6.4	6.7	2.9
2	15.0	24.8	19.6	77.4	17.221	15.1	0.0	0.0	0.0	4.9
3	15.5	27.6	22.0	67.2	17.394	15.3	0.0	0.0	0.0	11.2
4	16.4	24.9	20.0	80.4	18.729	16.4	0.2	0.8	1.0	2.7
5	15.4	24.6	19.3	77.2	17.596	15.5	0.7	0.0	0.7	5.1
6	15.4	23.8	19.7	74.5	17.151	15.1	0.1	21.9	22.0	6.0
7	15.8	21.5	18.1	89.5	18.497	16.3	7.0	5.2	12.2	1.3
8	15.5	24.0	18.8	83.4	18.391	16.2	7.3	5.7	13.0	3.7
9	15.2	23.0	18.4	86.9	18.719	16.5	1.5	13.9	15.4	1.5
10	15.1	22.8	18.7	84.9	18.092	15.8	1.8	11.5	13.3	1.9
11	15.4	24.3	18.2	80.2	16.679	14.6	0.9	41.1	42.0	4.6
12	14.6	22.6	18.4	88.1	18.645	16.4	0.2	1.2	1.4	3.3
13	15.4	23.3	18.6	88.7	19.177	16.8	17.2	19.4	36.6	3.2
14	15.6	25.0	19.9	73.8	17.135	15.0	0.0	0.0	0.0	5.7
15	15.8	24.5	19.7	74.7	17.299	15.2	0.0	0.0	0.0	6.5
16	16.6	25.5	21.0	73.0	17.806	15.6	0.0	0.0	0.0	7.0
17	16.5	23.0	19.0	87.9	19.523	17.1	1.9	0.3	2.2	4.0
18	15.5	24.5	20.8	81.0	19.528	17.1	0.0	0.0	0.0	5.8
19	16.5	23.2	19.5	88.5	20.257	17.6	6.0	13.1	19.1	4.4
20	15.3	25.7	19.0	86.7	19.092	16.7	0.4	10.4	10.8	5.2
21	15.7	25.7	20.6	78.5	18.594	16.3	0.8	0.0	0.8	6.0
22	16.3	25.4	20.7	82.6	19.951	17.4	0.0	0.2	0.2	6.9
23	16.0	24.1	19.9	89.0	20.244	17.7	0.5	0.0	0.5	2.3
24	16.5	25.3	19.4	79.8	18.150	16.0	5.5	0.0	5.5	6.2
25	15.6	24.8	20.4	77.9	18.615	16.4	0.8	0.6	1.4	8.8
26	15.8	20.6	18.1	91.9	19.286	16.9	0.0	0.7	0.7	0.3
27	15.8	22.8	18.7	85.3	18.388	16.2	3.2	10.2	13.4	0.7
28	16.0	23.3	18.5	84.4	18.213	16.0	14.2	6.0	20.2	1.7
29	14.6	24.0	19.3	80.9	17.625	15.5	0.4	0.0	0.4	6.9
30	16.6	24.0	18.5	70.3	15.145	13.2	0.2	0.0	0.2	1.0
31	14.0	24.9	20.2	78.7	18.279	16.1	0.0	9.3	9.3	6.4
PROM.	15.6	24.1	19.4	81.5	18.281	16.0	71.1	177.9	249.0	140.1

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.977

ALTITUD: 1.600 LATITUD: 5-58 N. LONGITUD: 75-44 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	25.6	19.9	77.9	18.009	15.9	3.6	3.0	6.6	6.4
2	15.5	23.6	19.1	82.2	18.420	16.2	5.2	1.1	6.3	3.4
3	15.5	25.5	20.1	76.0	17.390	15.3	0.0	2.6	2.6	5.0
4	15.5	22.0	18.7	87.9	19.119	16.8	5.7	1.1	6.8	0.2
5	14.5	24.1	18.8	83.3	18.069	15.9	6.3	7.1	13.4	4.0
6	15.6	23.5	19.4	78.0	17.514	15.3	0.7	0.0	0.7	3.0
7	16.0	24.0	18.5	81.6	17.570	15.4	2.7	3.5	6.2	2.8
8	13.5	24.9	18.6	82.2	17.554	15.4	0.0	15.8	15.8	9.1
9	16.4	24.6	20.5	77.2	18.439	16.2	0.0	0.4	0.4	4.2
10	15.0	23.0	18.6	88.5	19.135	16.8	1.8	0.0	1.8	1.8
11	15.3	23.6	18.8	81.5	17.743	15.6	0.2	11.6	11.8	3.5
12	14.8	21.1	17.7	91.2	18.571	16.3	1.5	6.0	7.5	1.5
13	14.5	20.0	17.3	89.7	17.644	15.5	9.9	0.5	10.4	0.0
14	14.5	21.5	18.6	90.4	19.365	17.0	6.3	0.0	6.3	2.2
15	15.0	25.5	20.5	74.8	17.670	15.5	0.8	1.8	2.6	7.9
16	15.5	25.0	20.2	78.0	18.394	16.2	1.7	11.2	12.9	7.6
17	15.8	24.0	18.8	82.9	17.727	15.6	0.8	0.0	0.8	4.3
18	15.6	23.0	18.0	85.2	17.680	15.5	1.2	8.3	9.5	4.3
19	15.0	24.9	19.0	78.8	17.391	15.3	0.0	0.0	0.0	5.6
20	16.0	25.1	20.5	75.8	18.488	16.2	0.4	0.0	0.4	8.1
21	16.0	26.3	21.2	64.8	15.821	13.8	0.0	0.0	0.0	8.4
22	15.6	25.0	20.1	69.2	16.162	14.1	0.0	0.0	0.0	5.5
23	16.0	24.0	20.0	77.6	17.940	15.7	1.0	0.0	1.0	5.3
24	16.0	25.8	21.0	75.9	18.498	16.2	0.0	4.0	4.0	7.5
25	16.5	25.0	20.6	75.4	18.155	16.0	0.8	0.3	1.1	8.5
26	16.5	24.5	20.6	75.0	18.052	15.8	0.1	3.2	3.3	3.8
27	15.0	25.8	21.4	70.0	16.888	14.8	0.0	0.0	0.0	8.3
28	16.8	26.8	21.9	68.5	17.307	15.2	0.0	0.0	0.0	11.2
29	17.3	26.0	21.8	59.9	15.210	12.8	0.0	0.0	0.0	10.4
30	16.0	25.7	21.3	63.2	15.576	13.6	0.0	0.0	0.0	10.2
PROM.	15.6	24.3	19.7	78.1	17.717	15.5	50.7	81.5	132.2	164.0

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	24.9	20.2	68.3	16.175	14.2	0.0	0.0	0.0	5.0
2	16.5	25.0	19.3	81.6	18.316	16.1	0.2	17.0	17.2	5.9
3	15.0	25.5	19.6	81.1	18.393	16.2	0.0	0.0	0.0	8.8
4	16.4	25.6	20.7	68.8	16.612	14.6	0.0	0.0	0.0	6.2
5	16.6	24.5	20.7	73.0	17.672	15.5	0.2	0.0	0.2	2.0
6	16.5	22.3	19.7	73.6	17.146	15.0	0.0	0.0	0.0	1.3
7	16.4	24.0	19.9	78.5	18.246	16.0	0.3	0.0	0.3	4.1
8	15.0	25.4	20.6	72.0	16.929	14.8	0.0	0.0	0.0	9.9
9	16.4	24.0	20.1	75.5	18.028	15.9	0.0	0.0	0.0	4.4
10	15.5	23.5	19.6	78.3	17.803	15.7	0.0	0.0	0.0	1.2
11	16.0	23.0	18.4	83.8	18.221	16.0	0.0	0.0	0.0	2.8
12	15.5	25.5	20.4	75.3	17.689	15.5	0.0	0.0	0.0	6.9
13	15.0	23.5	19.0	80.0	17.410	15.3	0.0	0.0	0.0	1.2
14	16.0	25.5	20.8	74.3	17.901	15.7	0.0	0.0	0.0	8.6
15	16.5	26.3	21.4	73.6	18.470	16.2	1.0	0.0	1.0	6.1
16	17.5	25.1	20.1	73.0	17.290	15.2	0.0	0.0	0.0	9.0
17	15.9	23.2	19.7	80.5	18.496	16.3	0.0	0.0	0.0	3.3
18	16.3	23.6	20.0	79.0	18.453	16.2	0.0	0.0	0.0	3.2
19	15.8	22.4	18.9	81.8	17.873	15.7	0.0	0.0	0.0	1.5
20	15.3	25.6	20.2	66.0	15.355	13.4	0.0	0.0	0.0	10.2
21	15.5	26.8	21.1	73.1	17.608	15.5	0.0	0.0	0.0	10.4
22	16.3	25.5	21.1	72.5	17.889	15.7	0.0	0.0	0.0	6.4
23	17.0	27.0	21.7	63.3	16.049	14.0	0.0	0.0	0.0	10.3
24	16.0	25.5	21.9	69.9	18.218	16.0	0.0	0.0	0.0	8.0
25	17.5	23.3	20.3	75.8	17.841	15.7	0.0	0.0	0.0	0.6
26	16.6	22.5	19.3	86.4	19.302	16.9	0.0	0.0	0.0	1.4
27	16.5	23.0	19.8	79.7	18.199	16.0	2.4	0.0	2.4	2.3
28	16.5	25.0	19.8	74.8	17.196	15.1	2.0	0.0	2.0	6.4
29	16.0	24.5	19.6	74.1	16.653	14.6	1.0	0.0	1.0	3.7
30	14.5	25.5	20.4	67.6	15.578	13.6	0.0	0.0	0.0	10.4
31	14.5	24.9	20.0	69.7	15.989	14.0	0.0	0.0	0.0	9.7
PROM.	16.0	24.6	20.1	75.0	17.516	15.4	7.1	17.0	24.1	171.2

ESTACION: EL ROSARIO MUNICIPIO VENECIA AÑO: 1.977

ALTITUD: 1.600 LATITUD: 5-58 N. LONGITUD: 75-44 W.

MESES	TEMPERATURA oC					Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.9	26.3	21.0	14.0	29.1	67.8	16.124	14.0	15.0	2	255.2
FEBRERO	16.5	26.9	21.7	15.5	29.0	65.7	16.355	14.2	22.5	14	202.7
MARZO	17.3	27.7	22.0	15.0	32.0	63.9	16.263	14.1	97.3	10	186.8
ABRIL	16.4	25.9	20.9	14.0	29.6	71.1	17.171	15.1	155.7	18	169.2
MAYO	15.8	24.2	19.9	14.5	26.6	77.7	18.035	15.9	221.3	25	131.5
JUNIO	15.9	24.7	20.1	14.5	27.1	76.0	17.672	15.5	265.2	14	204.0
JULIO	15.6	25.5	20.8	13.0	28.0	69.9	16.857	14.7	304.0	17	251.7
AGOSTO	15.5	25.1	20.5	13.8	28.3	72.9	17.218	15.1	206.4	19	224.3
SEPTIEMBRE	15.7	24.8	20.4	13.5	28.0	72.9	16.945	14.8	242.2	17	168.9
OCTUBRE	15.6	24.1	19.4	14.0	27.6	81.5	18.281	16.0	249.0	25	140.1
NOVIEMBRE	15.6	24.3	19.7	13.5	26.8	78.1	17.717	15.5	132.2	23	164.0
DICIEMBRE	16.0	24.6	20.1	14.5	27.0	75.0	17.516	15.4	24.1	7	171.2
PROMEDIO	16.0	25.3	20.5	14.2	28.3	72.7	17.180	15.0			
TOTAL									1934.9	191	2269.6

ESTACION: PIAMONTE MUNICIPIO: FREDONIA AÑO: 1.977

ALTITUD: 1.330 LATITUD: 5-54 N. LONGITUD: 75-38 W.

M E S – ENERO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	28.2	21.3	88.6	20.213	17.6	0.0	0.0	0.0	9.2
2	17.0	29.0	21.6	74.3	19.131	16.8	0.0	0.0	0.0	8.4
3	15.0	30.0	21.5	75.2	18.773	16.5	0.0	0.0	0.0	9.4
4	16.0	30.0	22.4	70.7	18.862	16.4	0.0	0.0	0.0	8.6
5	15.0	30.2	21.9	65.9	17.172	15.0	0.0	0.0	0.0	9.3
6	15.0	30.0	22.2	67.7	18.030	15.8	0.0	0.0	0.0	9.2
7	14.2	28.0	21.1	77.8	19.458	17.0	0.0	0.0	0.0	9.2
8	16.0	28.2	21.7	76.3	19.917	17.4	0.0	0.0	0.0	9.3
9	13.6	28.4	20.1	75.2	17.295	15.2	0.0	0.0	0.0	9.4
10	14.2	28.2	20.5	80.4	19.030	16.7	0.0	0.0	0.0	8.0
11	14.2	29.2	21.0	74.5	17.832	15.7	0.0	0.0	0.0	9.1
12	15.0	30.0	21.3	74.1	18.419	16.1	0.0	0.0	0.0	9.2
13	15.4	29.0	21.5	75.1	18.778	16.5	0.0	0.0	0.0	9.2
14	15.0	29.2	21.3	75.3	18.650	16.4	0.0	0.0	0.0	9.1
15	17.0	30.0	23.7	75.7	21.395	18.6	0.0	0.0	0.0	8.9
16	17.3	29.2	23.9	70.9	19.790	17.3	0.0	0.0	0.0	5.7
17	16.2	29.2	22.2	74.8	19.601	17.2	0.0	0.0	0.0	5.9
18	16.2	27.0	20.5	85.3	20.567	17.9	0.0	0.0	0.0	1.8
19	16.2	27.2	21.2	76.4	19.127	16.8	0.0	0.0	0.0	2.8
20	17.2	29.6	22.1	72.8	19.227	16.8	0.0	0.0	0.0	9.1
21	15.0	30.3	22.4	69.6	18.257	16.0	0.0	0.0	0.0	9.1
22	17.0	30.2	23.7	73.5	20.911	18.2	0.0	0.0	0.0	6.0
23	17.0	30.0	23.6	76.3	21.429	18.6	0.0	5.3	5.3	8.9
24	16.2	24.0	19.3	94.1	21.113	18.3	0.0	0.0	0.0	1.1
25	15.2	28.0	21.8	75.7	19.543	17.1	0.0	0.0	0.0	6.7
26	15.2	28.0	21.4	75.8	18.935	16.6	0.0	0.0	0.0	8.4
27	15.2	29.2	21.3	77.7	19.269	16.9	0.0	0.0	0.0	7.7
28	15.2	30.0	23.6	66.1	18.410	16.2	0.0	0.0	0.0	7.8
29	15.2	30.0	23.1	71.0	19.045	16.7	0.0	0.0	0.0	9.2
30	16.0	22.0	19.2	89.6	19.579	17.2	0.6	0.1	0.7	7.0
31	16.2	25.1	19.3	90.3	20.207	17.7	0.2	0.0	0.2	9.1
PROM.	15.6	28.6	21.7	76.1	19.289	16.9	0.8	5.4	6.2	241.8

M E S – FEBRERO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.2	28.6	22.9	72.8	19.540	17.1	0.0	0.0	0.0	
2	15.2	29.6	22.0	73.1	18.639	16.4	0.0	0.0	0.0	
3	15.0	31.0	22.2	62.7	16.056	13.6	0.0	0.0	0.0	
4	16.0	29.0	21.7	68.7	17.656	15.5	0.0	0.0	0.0	
5	16.0	30.0	22.7	71.5	18.831	16.5	0.0	0.0	0.0	
6	16.2	30.0	23.6	62.6	17.798	15.6	0.0	0.0	0.0	
7	16.6	30.0	22.5	72.8	19.697	17.2	0.0	0.0	0.0	
8	16.0	31.6	23.3	68.8	18.900	16.6	0.0	0.0	0.0	
9	17.0	30.2	23.2	70.8	19.932	17.4	0.6	0.0	0.6	
10	17.2	30.2	23.2	74.7	20.859	18.2	0.0	0.2	0.2	
11	16.2	29.0	21.7	77.5	19.374	17.0	0.0	0.0	0.0	
12	16.6	26.2	20.2	88.3	20.470	17.9	0.0	0.0	0.0	
13	17.0	30.0	21.3	82.3	20.511	17.9	7.2	0.2	7.4	
14	17.2	28.0	22.1	77.6	20.397	17.7	0.0	9.2	9.2	
15	16.0	30.0	21.3	73.8	18.536	16.3	0.8	9.2	10.0	
16	15.0	28.0	21.2	84.5	21.123	18.3	0.2	6.1	6.3	5.3
17	16.0	27.2	21.0	83.5	20.969	18.2	0.0	0.2	0.2	5.6
18	16.2	30.0	21.9	69.7	17.969	15.7	0.0	0.0	0.0	9.0
19	18.0	27.2	20.1	79.7	19.234	16.9	0.2	0.0	0.2	2.7
20	16.0	27.2	20.9	78.8	19.104	16.8	0.0	0.0	0.0	5.0
21	15.0	28.0	21.3	75.5	18.635	16.4	0.0	0.0	0.0	8.7
22	16.2	29.2	22.8	66.3	17.845	15.7	0.0	0.0	0.0	7.4
23	16.0	30.2	21.9	69.0	17.938	15.7	0.0	0.0	0.0	7.4
24	17.0	29.8	23.4	66.9	18.757	16.5	0.0	0.0	0.0	7.4
25	16.2	28.1	21.4	73.4	18.336	16.1	0.0	0.0	0.0	7.0
26	16.0	30.8	23.0	72.1	19.431	17.0	0.0	0.0	0.0	9.5
27	18.0	27.0	21.3	83.0	21.245	18.4	0.0	0.0	0.0	2.3
28	16.2	30.2	22.3	66.7	17.885	15.6	0.0	0.0	0.0	7.5
PROM.	16.3	29.2	22.0	73.8	19.131	16.7	9.0	25.1	34.1	

ESTACION: PIAMONTE MUNICIPIO: FREDONIA AÑO: 1.977

ALTITUD: 1.330 LATITUD: 5-54 N. LONGITUD: 75-38 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	28.2	22.1	76.2	20.338	17.7	0.0	0.1	0.1	3.9
2	18.0	30.8	23.5	68.6	19.157	16.8	0.0	0.0	0.0	6.3
3	17.0	31.0	24.3	64.1	18.865	16.5	0.0	0.0	0.0	8.2
4	16.2	32.2	24.9	63.2	19.047	16.6	0.0	0.0	0.0	8.2
5	17.2	32.0	25.1	60.2	18.140	15.9	0.0	0.0	0.0	10.0
6	18.6	31.0	24.9	58.2	17.386	15.3	0.0	0.0	0.0	6.3
7	18.2	32.2	25.3	63.6	19.290	16.9	0.0	0.0	0.0	7.9
8	17.0	32.2	26.3	55.4	17.869	15.7	0.0	0.0	0.0	10.0
9	19.0	32.2	26.3	60.2	19.880	17.4	0.0	0.0	0.0	9.1
10	18.0	34.2	26.2	63.6	20.417	17.8	0.0	0.0	0.0	10.1
11	19.2	32.0	25.4	66.3	20.611	18.0	0.0	0.0	0.0	5.2
12	19.2	30.2	24.5	69.3	21.214	18.4	0.0	1.1	1.1	4.2
13	16.0	25.2	20.1	79.2	18.416	16.2	0.0	0.0	0.0	1.7
14	16.0	29.2	22.7	68.2	17.722	15.5	0.0	0.0	0.0	4.7
15	17.0	30.2	24.4	69.1	19.799	17.4	0.0	0.1	0.1	7.0
16	18.0	26.6	21.7	79.4	20.762	18.0	0.0	0.0	0.0	2.4
17	17.2	30.2	21.5	80.6	20.933	18.2	5.1	0.0	5.1	4.7
18	16.0	30.2	20.8	82.7	20.487	17.9	3.2	0.0	3.2	8.2
19	17.0	28.2	22.6	73.3	19.179	16.8	0.0	0.0	0.0	3.2
20	18.2	31.0	23.6	70.4	19.693	17.4	0.0	0.0	0.0	8.2
21	17.0	31.2	25.3	66.4	20.759	18.1	0.0	11.7	11.7	7.8
22	17.0	24.2	20.2	96.2	22.760	19.5	0.3	0.0	0.3	1.5
23	18.0	27.2	20.5	85.1	20.701	18.0	0.5	0.0	0.5	4.6
24	15.2	28.2	22.1	75.3	19.672	17.2	0.0	0.0	0.0	9.4
25	17.6	29.2	21.6	73.1	19.086	16.7	0.0	0.9	0.9	8.4
26	16.6	30.2	24.0	66.9	18.621	16.3	0.0	0.0	0.0	8.4
27	17.2	30.0	22.2	71.7	19.306	16.9	8.1	3.5	11.6	7.4
28	18.0	21.3	18.5	97.6	20.657	18.0	16.8	0.2	17.0	0.1
29	17.0	27.6	22.6	76.9	20.444	17.9	0.0	27.9	27.9	6.7
30	17.0	27.2	20.9	85.0	20.799	18.1	0.0	0.5	0.5	2.6
31	16.0	27.0	21.3	79.6	19.777	17.3	0.0	0.0	0.0	4.5
PROM.	17.3	29.4	23.1	72.4	19.742	17.2	34.0	46.0	80.0	190.9

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	26.2	21.6	79.0	20.150	17.6	2.5	0.0	2.5	3.8
2	17.0	28.0	19.8	79.7	18.286	16.0	10.9	0.0	10.9	8.5
3	15.2	28.2	21.3	73.3	17.779	15.7	0.0	8.6	8.6	9.2
4	14.2	23.0	19.2	98.2	21.739	18.7	0.0	0.0	0.0	1.2
5	16.0	29.2	21.4	74.2	18.271	16.1	0.0	0.0	0.0	9.7
6	15.2	29.0	24.2	64.5	18.327	16.1	0.0	0.0	0.0	9.1
7	16.2	28.7	21.1	76.8	19.481	17.1	5.7	2.0	7.7	7.6
8	16.0	29.2	20.5	82.0	20.033	17.5	37.5	0.0	37.5	8.7
9	15.6	29.2	22.0	76.9	19.697	17.3	0.0	0.0	0.0	10.0
10	17.0	30.2	24.5	68.0	19.736	17.3	0.0	0.0	0.0	9.4
11	17.0	30.0	23.6	68.1	19.148	16.8	0.0	0.0	0.0	6.7
12	19.2	25.0	21.1	89.1	22.273	19.2	0.0	0.0	0.0	0.5
13	17.0	31.0	23.8	75.9	21.896	19.0	0.0	0.0	0.0	10.3
14	18.0	27.3	21.0	84.2	21.051	18.3	11.9	0.0	11.9	3.7
15	16.0	31.0	25.2	64.8	18.880	16.6	0.0	0.0	0.0	10.3
16	17.0	29.3	22.6	75.0	20.501	17.9	0.0	1.7	1.7	9.3
17	18.6	25.4	20.7	85.5	20.669	17.9	0.1	2.8	2.9	1.8
18	16.2	30.0	24.3	74.1	21.530	18.7	0.0	0.0	0.0	10.0
19	16.2	26.0	21.0	89.0	22.263	19.2	0.0	0.0	0.0	0.4
20	17.0	29.0	21.8	82.6	21.678	18.8	0.1	0.0	0.1	5.3
21	19.0	26.3	20.3	83.6	20.159	17.7	0.8	0.0	0.8	0.4
22	17.0	28.0	21.0	85.6	21.629	18.8	1.4	0.5	1.9	6.8
23	17.1	20.0	18.5	97.6	20.850	18.2	0.7	0.0	0.7	0.0
24	16.0	27.3	21.5	78.3	19.430	17.0	0.0	5.5	5.5	7.2
25	16.6	27.2	21.5	78.3	19.799	17.4	0.8	6.6	7.4	4.1
26	17.0	25.0	20.4	86.8	20.674	18.0	2.5	20.0	22.5	3.2
27	16.0	23.2	19.2	95.2	21.124	18.3	6.5	0.0	6.5	1.4
28	16.0	24.0	20.3	90.0	21.472	18.6	0.1	7.1	7.2	3.1
29	15.2	26.3	19.3	85.4	19.339	17.0	0.4	2.3	2.7	6.7
30	15.0	24.0	18.6	88.5	19.271	16.9	2.0	1.3	3.3	1.9
PROM.	16.6	27.2	21.4	81.0	20.238	17.7	83.9	58.4	142.3	170.3

ESTACION: PIAMONTE MUNICIPIO: FREDONIA AÑO: 1.977

ALTITUD: 1.330 LATITUD: 5-54 N. LONGITUD: 75-38 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	26.3	19.8	85.7	19.638	17.2	2.0	0.0	2.0	9.0
2	16.2	27.0	20.8	83.4	20.334	17.7	0.0	0.0	0.0	4.8
3	17.0	28.0	23.0	72.6	20.125	17.6	0.0	0.5	0.5	6.5
4	18.0	26.0	20.6	88.4	21.741	18.8	2.5	9.9	12.4	3.9
5	16.0	22.2	18.1	94.6	20.035	17.5	39.4	0.0	39.4	1.4
6	16.0	26.1	19.8	86.8	20.094	17.6	16.2	0.0	16.2	6.3
7	17.0	26.0	20.5	88.4	21.319	18.5	0.0	0.0	0.0	4.1
8	17.0	27.2	21.0	85.6	21.316	18.5	0.0	6.4	6.4	5.5
9	17.2	23.3	18.6	98.2	21.261	18.4	1.5	0.0	1.5	0.9
10	16.0	27.2	20.8	89.3	21.951	19.0	0.0	25.8	25.8	6.7
11	16.2	25.2	20.6	85.8	20.767	18.1	0.0	0.0	0.0	2.8
12	17.0	29.0	22.5	81.6	22.255	19.2	0.0	0.0	0.0	7.5
13	17.0	26.0	21.5	88.2	23.246	19.9	0.1	25.8	25.9	1.1
14	17.0	21.0	19.1	97.4	21.596	18.7	4.4	2.5	6.9	0.0
15	17.2	22.2	18.0	96.4	20.170	17.6	10.9	0.0	10.9	0.6
16	15.2	25.2	19.6	91.1	20.667	18.1	0.0	0.0	0.0	3.9
17	16.0	26.0	21.3	83.1	21.178	18.4	0.0	0.0	0.0	6.4
18	18.0	26.2	21.0	90.4	22.379	19.2	0.0	0.0	0.0	5.0
19	17.0	28.0	22.1	80.6	21.093	18.4	0.0	7.0	7.0	6.7
20	17.2	22.0	19.3	96.1	21.547	18.7	0.0	0.0	0.0	0.0
21	17.0	24.1	19.9	90.6	21.188	18.4	0.0	0.0	0.0	1.6
22	16.0	26.0	20.8	88.4	21.758	18.8	2.0	31.0	33.0	6.8
23	15.0	24.2	18.1	95.7	20.420	17.7	13.0	6.0	19.0	1.8
24	15.2	24.6	19.2	91.7	20.372	17.8	0.0	5.1	5.1	3.4
25	16.0	22.6	19.1	98.2	21.696	18.8	1.2	1.7	2.9	1.2
26	16.6	26.0	20.3	87.1	20.626	18.0	0.1	3.2	3.3	4.2
27	17.0	24.2	19.6	92.6	21.286	18.5	0.0	0.5	0.5	1.3
28	16.2	24.2	19.1	93.0	20.973	18.2	10.1	4.1	14.2	3.3
29	16.0	20.8	18.8	95.7	20.591	18.0	0.0	0.0	0.0	4.4
30	16.0	24.7	19.6	89.9	20.725	18.0	0.0	0.0	0.0	1.0
31	17.2	23.0	18.8	94.3	20.830	18.1	0.2	0.0	0.2	2.9
PROM.	16.5	25.0	20.0	89.7	21.077	18.3	103.6	129.5	233.1	115.0

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.1	20.0	84.6	19.906	17.5	0.0	14.8	14.8	6.7
2	15.6	21.2	18.4	97.9	20.623	17.9	0.3	3.4	3.7	1.4
3	16.0	23.6	18.5	93.6	20.210	17.6	9.6	0.0	9.6	3.3
4	15.2	24.2	19.2	90.1	20.199	17.6	0.0	0.0	0.0	4.6
5	16.0	25.2	19.5	87.1	19.734	17.3	0.0	0.0	0.0	5.6
6	17.0	26.0	21.1	83.9	20.769	18.1	0.0	18.5	18.5	3.3
7	16.0	22.3	19.2	97.7	21.773	18.8	0.7	49.6	50.3	2.1
8	16.0	24.0	19.2	91.4	20.335	17.7	0.0	0.0	0.0	6.2
9	14.8	25.2	19.9	90.1	21.181	18.4	0.0	0.4	0.4	8.3
10	17.0	25.0	20.0	87.5	20.192	17.6	0.0	0.0	0.0	3.5
11	15.0	24.6	18.7	89.7	19.627	17.2	1.3	2.7	4.0	6.8
12	15.2	24.2	19.3	85.2	18.899	16.6	0.4	0.0	0.4	5.5
13	15.0	23.3	19.1	91.7	20.279	17.7	0.0	16.8	16.8	3.4
14	15.0	23.2	18.8	88.2	19.179	16.8	0.0	0.0	0.0	4.4
15	15.4	27.2	20.3	84.2	19.680	17.4	0.0	0.0	0.0	6.7
16	15.0	25.2	20.7	85.1	20.804	18.1	0.0	0.0	0.0	7.6
17	16.0	26.4	21.1	85.0	21.555	18.7	0.0	0.0	0.0	8.8
18	16.0	25.0	19.8	89.8	20.778	18.1	2.5	0.5	3.0	9.9
19	16.2	26.0	20.3	92.0	21.932	18.9	0.0	0.3	0.3	8.3
20	16.0	25.0	20.0	91.1	21.716	18.8	2.3	11.6	13.9	6.3
21	17.0	23.0	18.8	93.3	20.420	17.8	1.5	0.0	1.5	1.7
22	15.2	26.1	20.0	90.5	21.351	18.5	0.0	0.0	0.0	5.6
23	15.2	26.0	20.6	91.1	22.037	19.0	0.0	0.0	0.0	9.8
24	16.2	26.0	21.1	88.3	22.158	19.1	0.0	0.0	0.0	5.5
25	16.0	27.4	21.6	75.8	19.761	17.3	0.0	2.1	2.1	10.1
26	16.0	26.3	21.0	84.1	20.875	18.1	0.0	0.0	0.0	7.4
27	16.0	29.2	21.4	79.5	20.488	17.8	0.0	0.0	0.0	9.9
28	15.8	26.0	20.1	87.3	20.402	17.8	0.0	0.0	0.0	3.3
29	17.0	25.0	20.4	94.6	22.947	19.6	0.0	0.0	0.0	4.8
30	17.0	25.0	20.3	87.4	20.803	18.1	0.0	73.3	73.3	5.7
PROM.	15.9	25.1	19.9	88.6	20.694	18.0	18.6	194.0	212.6	176.5

ESTACION: PIAMONTE MUNICIPIO: FREDONIA AÑO: 1.977

ALTITUD: 1.330 LATITUD: 5-54 N. LONGITUD: 75-38 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	23.0	19.1	91.8	20.211	17.7	0.0	0.0	0.0	3.7
2	14.6	25.0	20.0	84.2	19.912	17.4	0.0	0.0	0.0	7.3
3	16.0	26.4	21.1	80.3	19.876	17.4	0.0	1.9	1.9	9.1
4	15.2	26.2	20.1	85.7	20.152	17.6	0.0	0.0	0.0	7.8
5	15.2	26.2	20.2	83.0	19.721	17.3	2.6	26.2	28.8	9.3
6	15.0	23.2	19.6	89.0	20.104	17.5	0.1	12.6	12.7	3.8
7	16.2	23.2	18.7	91.2	19.902	17.4	3.4	0.3	3.7	2.2
8	15.2	25.2	19.5	86.1	20.192	17.5	0.0	0.0	0.0	5.7
9	15.2	25.0	19.2	90.2	20.829	18.1	2.8	0.2	3.0	7.5
10	16.0	26.0	20.2	84.1	20.138	17.5	0.0	0.0	0.0	7.8
11	14.2	29.2	21.2	70.8	17.362	15.3	0.0	0.0	0.0	10.0
12	15.6	24.3	20.0	82.0	19.324	16.9	0.0	0.0	0.0	4.7
13	14.8	29.0	22.3	72.3	19.002	16.7	0.0	0.0	0.0	9.9
14	16.3	26.0	21.3	86.4	21.961	19.0	0.0	0.0	0.0	8.1
15	16.2	24.3	20.4	89.0	21.313	18.5	0.0	4.7	4.7	3.5
16	15.0	24.2	19.3	87.4	19.336	16.9	0.0	0.0	0.0	5.7
17	15.0	28.0	21.5	72.9	18.702	16.3	0.0	0.0	0.0	8.8
18	15.2	28.0	21.5	78.4	19.884	17.3	0.0	0.0	0.0	7.8
19	15.6	27.2	20.7	81.4	20.196	17.6	21.9	10.3	32.2	8.9
20	15.2	25.2	19.5	88.8	20.086	17.5	0.0	0.0	0.0	5.6
21	15.0	27.8	20.9	79.8	20.053	17.4	0.0	0.0	0.0	9.5
22	14.8	27.2	21.9	76.2	19.628	17.2	0.0	0.0	0.0	9.8
23	15.9	27.0	21.6	77.9	20.105	17.6	0.0	8.3	8.3	9.6
24	14.8	24.2	19.1	88.8	19.602	17.1	0.0	0.4	0.4	3.7
25	15.8	26.4	20.2	81.0	19.196	16.8	0.0	3.0	3.0	7.9
26	16.4	25.0	19.6	89.1	20.489	17.9	5.5	37.9	43.4	5.2
27	14.2	22.2	17.8	91.6	18.603	16.3	0.9	0.0	0.9	1.6
28	14.2	28.8	22.7	65.1	16.964	14.8	0.0	0.0	0.0	7.7
29	15.0	30.2	22.5	64.4	16.952	14.9	0.0	0.0	0.0	9.5
30	15.2	26.3	20.8	80.6	19.968	17.4	0.0	3.5	3.5	9.8
31	16.8	22.2	19.8	89.6	20.389	17.8	0.2	31.8	32.0	2.8
PROM.	15.3	25.9	20.4	82.6	19.682	17.2	37.4	141.1	178.5	214.3

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	24.2	19.4	89.0	20.074	17.5	0.0	0.0	0.0	5.0
2	16.0	25.0	19.5	86.9	19.771	17.3	0.0	0.0	0.0	5.5
3	15.0	26.0	20.9	91.5	22.610	19.3	0.0	1.4	1.4	9.4
4	15.0	25.4	19.6	90.3	20.861	18.1	0.0	0.0	0.0	8.8
5	16.0	27.0	20.7	89.6	22.131	19.1	0.0	0.0	0.0	8.6
6	17.0	25.2	19.9	92.5	21.613	18.8	0.2	30.8	31.0	3.3
7	15.0	23.0	19.1	90.9	19.924	17.4	0.9	1.7	2.6	3.2
8	16.2	25.0	19.1	91.2	20.573	17.9	0.3	9.8	10.1	4.6
9	14.6	25.0	18.9	94.1	20.694	17.9	0.2	14.4	14.6	5.1
10	16.2	24.8	18.9	91.0	20.210	17.6	6.4	15.5	21.9	5.4
11	15.0	24.6	19.5	93.6	21.527	18.6	0.0	0.0	0.0	4.0
12	15.0	26.0	19.4	88.5	20.358	17.7	0.0	23.3	23.3	6.3
13	14.2	25.0	19.2	93.9	20.873	18.1	0.0	3.2	3.2	6.4
14	16.3	24.6	19.4	89.7	20.165	17.6	0.0	4.3	4.3	6.2
15	15.0	23.0	18.5	90.3	19.343	16.9	0.0	34.0	34.0	6.8
16	16.0	23.2	18.9	92.6	20.219	17.6	1.3	0.0	1.3	2.2
17	16.0	26.0	20.2	87.8	21.116	18.3	0.0	0.7	0.7	7.8
18	16.6	25.0	19.6	90.5	20.806	18.1	0.0	7.7	7.7	6.2
19	16.2	25.0	19.5	90.5	20.748	18.0	0.0	9.2	9.2	3.7
20	16.0	24.2	19.0	91.2	20.318	17.7	0.1	54.0	54.1	6.7
21	15.2	20.0	17.8	97.9	19.903	17.4	1.0	0.1	1.1	0.2
22	16.0	27.2	19.5	91.3	20.941	18.2	0.0	0.0	0.0	9.2
23	15.0	27.1	20.5	87.0	21.232	18.4	0.0	0.0	0.0	10.1
24	15.0	27.3	21.0	81.5	20.258	17.6	0.0	0.0	0.0	10.1
25	15.0	28.2	21.6	77.8	20.244	17.6	0.1	0.0	0.1	9.8
26	15.0	27.0	21.3	82.9	21.009	18.2	0.0	0.5	0.5	7.9
27	15.6	26.3	20.4	86.6	20.908	18.2	0.2	0.0	0.2	8.6
28	15.0	29.0	22.2	70.2	18.481	16.2	0.0	0.0	0.0	10.1
29	15.0	28.0	21.9	80.1	21.047	18.2	0.0	0.0	0.0	8.4
30	16.0	26.0	20.8	85.4	21.382	18.5	0.1	0.0	0.1	5.0
31	16.2	24.2	20.9	90.7	22.748	19.5	0.0	0.0	0.0	1.0
PROM.	15.5	25.4	19.9	88.6	20.719	18.0	10.8	210.6	221.4	195.6

ESTACION: PIAMONTE MUNICIPIO: FRECCNIA AÑO: 1.977

ALTITUD: 1.330 LATITUD: 5-54 N. LONGITUD: 75-38 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	28.0	21.8	74.1	19.131	16.7	0.0	0.0	0.0	9.5
2	16.0	29.0	22.8	68.4	18.492	16.2	0.0	0.0	0.0	9.0
3	17.2	28.0	22.2	81.0	21.805	18.9	0.0	0.0	0.0	8.9
4	16.0	28.0	20.6	79.1	19.401	17.0	5.3	5.3	10.6	8.5
5	15.0	26.0	20.6	91.4	22.278	19.2	0.2	0.0	0.2	3.6
6	15.0	30.0	22.5	72.8	19.309	16.6	0.0	0.0	0.0	9.8
7	15.2	30.0	23.5	60.8	17.463	15.3	0.0	0.0	0.0	10.1
8	16.2	28.3	22.4	78.1	21.589	18.7	0.0	0.0	0.0	9.8
9	17.0	31.2	22.7	79.2	21.664	18.8	0.0	0.0	0.0	9.9
10	16.2	26.0	20.6	86.7	21.219	18.4	0.0	0.0	0.0	2.0
11	16.0	29.0	21.2	75.4	18.967	16.7	0.0	0.0	0.0	9.4
12	16.6	25.2	19.0	90.6	20.623	18.0	51.4	0.3	51.7	2.5
13	16.0	26.0	19.1	90.9	20.796	18.0	9.3	0.8	10.1	3.5
14	14.2	23.0	18.7	91.8	19.862	17.4	2.4	0.0	2.4	0.5
15	15.0	25.2	20.1	90.7	21.329	18.5	0.2	0.0	0.2	3.8
16	15.2	27.8	21.1	81.3	20.206	17.6	0.0	0.0	0.0	6.7
17	16.2	28.0	22.5	76.2	20.235	17.7	0.0	3.6	3.6	8.0
18	16.0	26.2	20.3	82.6	19.506	17.1	0.0	20.1	20.1	6.3
19	15.2	25.2	19.4	93.8	21.127	18.3	0.0	0.9	0.9	3.6
20	17.0	27.0	20.3	86.7	20.757	18.1	0.8	0.0	0.8	2.1
21	16.0	26.0	19.6	87.5	20.366	17.8	1.3	1.1	2.4	4.6
22	15.0	25.2	20.0	89.4	20.844	18.1	0.0	6.1	6.1	4.2
23	17.0	25.0	19.9	93.6	21.737	18.8	0.2	0.5	0.7	1.9
24	15.2	27.2	21.8	82.2	21.328	18.5	0.0	33.5	33.5	5.6
25	14.2	25.2	19.1	86.1	18.891	16.6	0.0	35.6	35.6	6.2
26	14.2	23.0	18.4	87.1	18.371	16.2	0.0	0.7	0.7	0.1
27	16.6	21.0	18.2	97.1	20.695	18.0	46.9	8.4	55.3	0.0
28	16.0	24.0	19.5	89.7	20.272	17.7	0.0	0.0	0.0	3.1
29	17.0	24.0	19.4	88.3	20.084	17.6	1.1	0.3	1.4	6.2
30	15.2	26.0	20.6	86.8	21.127	18.3	0.0	17.9	17.9	3.4
PROM.	15.8	26.5	20.6	84.0	20.316	17.7	119.1	135.1	254.2	162.8

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	24.0	19.7	87.4	20.097	17.5	1.2	1.5	2.7	4.0
2	16.0	25.0	19.0	91.8	20.561	17.9	0.0	0.0	0.0	4.2
3	15.0	28.0	20.9	88.4	22.014	19.0	0.7	4.3	5.0	8.8
4	17.0	26.0	21.0	83.4	20.731	18.0	0.0	0.0	0.0	5.3
5	16.4	26.2	20.7	87.6	21.637	18.7	0.0	0.0	0.0	3.2
6	15.6	27.2	20.5	90.4	22.074	19.0	0.1	7.5	7.6	8.3
7	16.2	23.0	19.1	94.3	20.790	18.1	0.7	1.1	1.8	2.2
8	17.0	26.0	19.8	91.8	21.622	18.7	2.0	0.7	2.7	4.2
9	17.0	26.0	19.7	83.7	19.180	16.8	0.3	6.5	6.8	4.3
10	16.2	24.6	19.6	88.1	20.169	17.6	0.0	48.4	48.4	1.1
11	16.2	24.0	19.7	90.6	20.815	18.1	0.7	43.9	44.6	3.1
12	16.0	24.0	19.2	90.6	20.531	17.9	0.0	7.8	7.8	3.7
13	16.6	24.0	19.9	94.5	22.259	19.2	0.0	5.5	5.5	2.6
14	15.6	26.0	19.9	87.7	20.294	17.7	0.0	0.0	0.0	5.6
15	15.2	27.2	20.9	79.2	19.548	17.1	0.1	0.0	0.1	7.6
16	15.7	28.0	20.4	83.9	19.908	17.4	0.0	0.0	0.0	7.6
17	16.6	27.0	20.6	88.3	21.624	18.7	0.0	0.0	0.0	5.9
18	16.2	26.0	20.4	92.6	22.353	19.3	0.1	23.0	23.1	4.1
19	17.0	27.2	20.9	86.6	21.434	18.6	0.0	1.4	1.4	4.6
20	17.0	26.2	21.0	90.5	22.352	19.2	0.0	0.0	0.0	4.4
21	16.3	26.0	20.5	90.2	22.002	19.0	0.0	17.7	17.7	5.2
22	16.4	26.0	20.8	87.6	21.651	18.8	0.0	0.0	0.0	3.5
23	17.2	25.0	20.4	90.3	21.786	18.9	0.0	0.0	0.0	2.8
24	16.2	26.2	20.6	85.3	21.185	18.4	2.7	0.3	3.0	4.2
25	15.7	27.0	21.4	90.4	23.193	19.8	0.6	26.7	27.3	6.8
26	16.4	22.2	18.9	88.3	19.367	17.0	0.0	0.0	0.0	0.1
27	16.8	23.3	19.5	90.8	20.714	18.0	0.9	28.0	28.9	0.5
28	16.6	22.2	18.9	91.0	20.054	17.5	6.4	6.5	12.9	1.4
29	15.5	23.3	18.6	92.4	19.817	17.3	0.0	0.0	0.0	3.1
30	16.5	25.0	18.7	83.8	18.455	16.2	0.0	0.0	0.0	5.0
31	14.2	26.2	19.7	90.0	20.697	18.0	0.4	12.6	13.0	5.6
PROM	16.2	25.4	20.0	88.8	20.933	18.2	16.9	243.4	260.3	133.0

ESTACION: PIAMONTE MUNICIPIO: FRECCNIA AÑO: 1.977

ALTITUD: 1.330 LATITUD: 5-54 N. LONGITUD: 75-38 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.2	25.5	19.8	91.1	21.182	18.4	1.2	2.3	3.5	4.8
2	17.0	25.2	20.2	92.6	22.409	19.3	9.4	0.0	9.4	4.0
3	17.4	25.6	20.1	91.0	21.803	18.8	1.3	0.0	1.3	2.6
4	17.7	24.2	19.6	93.0	21.404	18.6	0.2	1.1	1.3	1.7
5	15.2	24.2	19.5	94.2	21.389	18.5	0.0	6.5	6.5	2.2
6	17.1	24.2	19.7	91.7	21.039	18.3	0.5	0.3	0.8	2.7
7	17.0	24.0	19.0	91.7	20.382	17.8	16.1	3.8	19.9	0.5
8	14.2	25.0	20.0	92.3	21.565	18.7	0.0	2.3	2.3	5.2
9	16.2	26.0	20.4	89.3	21.765	18.8	3.2	3.7	6.9	2.8
10	17.0	24.0	19.2	91.5	20.878	18.1	1.9	0.0	1.9	2.0
11	15.8	24.0	19.7	88.0	20.324	17.8	0.0	6.2	6.2	3.4
12	15.2	22.2	18.4	92.7	19.722	17.3	6.1	16.8	22.9	0.9
13	16.0	21.2	17.4	92.0	18.280	16.1	1.8	0.2	2.0	0.2
14	15.0	25.0	19.5	82.5	18.629	16.4	0.0	0.0	0.0	6.6
15	16.6	25.3	20.4	82.6	19.733	17.3	0.0	0.0	0.0	7.0
16	15.2	26.0	20.9	83.2	20.925	18.2	0.1	7.5	7.6	6.5
17	17.0	25.0	19.8	90.3	21.081	18.3	0.1	1.0	1.1	3.1
18	16.0	25.0	19.2	89.6	20.467	17.9	32.3	6.2	38.5	5.9
19	16.2	24.0	19.8	88.3	20.649	18.0	0.0	0.0	0.0	2.9
20	16.2	26.0	19.9	85.9	20.200	17.7	0.9	0.0	0.9	6.4
21	15.2	27.2	20.0	86.3	20.450	17.8	0.0	0.0	0.0	8.0
22	16.0	26.2	21.8	77.7	20.573	17.9	0.0	0.0	0.0	7.3
23	16.0	25.2	20.7	82.6	20.233	17.7	0.0	2.7	2.7	5.0
24	16.0	27.0	21.0	79.1	19.670	17.2	0.0	0.0	0.0	7.2
25	16.0	26.2	22.2	72.5	19.371	17.0	2.3	14.7	17.0	8.3
26	15.6	25.2	20.7	82.2	20.386	17.7	0.4	0.5	0.9	3.4
27	15.6	25.3	19.8	81.4	18.832	16.6	0.0	0.0	0.0	6.6
28	15.0	27.2	20.6	74.8	18.578	16.3	0.0	0.0	0.0	9.3
29	16.2	28.2	21.7	69.3	18.604	16.2	0.0	0.0	0.0	9.7
30	14.2	27.0	21.2	71.7	18.518	16.1	0.0	0.0	0.0	9.6
PROM.	16.0	25.2	20.1	85.7	20.302	17.7	77.8	75.8	153.6	145.8

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.6	26.0	20.6	67.4	16.269	14.2	0.0	0.0	0.0	9.3
2	15.0	25.2	19.7	79.5	18.385	16.2	0.6	19.9	20.5	6.1
3	16.2	24.2	20.1	80.9	18.994	16.7	0.2	0.0	0.2	4.4
4	16.0	26.2	21.1	79.1	19.870	17.4	0.2	0.0	0.2	5.5
5	16.2	26.2	21.7	74.9	19.399	17.0	0.3	0.0	0.3	4.1
6	16.0	24.0	21.0	80.4	20.167	17.6	0.0	0.0	0.0	2.0
7	16.2	26.2	22.2	72.6	19.319	16.9	0.2	0.0	0.2	4.3
8	15.0	26.0	21.1	84.3	21.147	18.4	0.0	0.0	0.0	8.6
9	16.2	27.0	22.1	75.4	20.048	17.5	0.0	1.0	1.0	7.8
10	16.2	25.0	20.9	79.1	19.605	17.2	0.2	34.2	34.4	3.3
11	17.2	26.2	20.8	82.2	20.045	17.5	0.0	0.3	0.3	4.5
12	15.2	26.0	20.7	74.8	18.326	16.1	0.1	10.1	10.2	6.5
13	15.2	25.2	19.4	82.5	18.797	16.5	0.0	0.0	0.0	3.5
14	15.6	25.0	19.9	79.9	18.544	16.3	0.9	0.0	0.9	5.9
15	16.0	25.4	20.9	76.9	19.302	16.9	0.1	0.0	0.1	8.6
16	17.2	27.0	21.5	76.3	19.756	17.3	0.0	0.0	0.0	7.9
17	16.2	26.0	21.4	77.0	19.821	17.3	0.0	0.0	0.0	5.7
18	17.0	26.2	20.3	73.2	17.354	15.2	0.0	0.0	0.0	5.8
19	14.2	25.2	20.2	78.3	18.967	16.6	0.0	0.0	0.0	2.7
20	14.2	27.0	21.1	74.1	18.491	16.2	0.0	0.0	0.0	8.9
21	15.0	27.2	20.8	77.1	18.903	16.6	0.0	0.0	0.0	9.3
22	15.0	28.2	21.2	76.4	19.228	16.8	0.0	0.0	0.0	8.2
23	16.0	30.2	22.3	70.6	18.850	16.5	0.0	0.0	0.0	9.7
24	14.5	27.0	21.2	65.1	16.859	14.8	0.0	0.0	0.0	7.4
25	16.8	23.3	20.1	82.0	19.289	16.9	0.0	0.0	0.0	1.1
26	15.8	23.0	19.3	83.9	18.766	16.5	0.0	0.0	0.0	1.6
27	16.0	25.2	20.5	80.7	19.571	17.1	0.2	0.0	0.2	4.2
28	16.0	26.2	20.2	78.2	18.626	16.3	0.2	0.0	0.2	4.2
29	16.0	25.4	19.1	76.1	16.678	14.7	0.5	0.0	0.5	4.4
30	13.6	26.0	20.3	75.9	17.927	15.7	0.0	0.0	0.0	9.6
31	13.4	26.4	20.0	74.3	17.182	15.1	0.1	0.0	0.1	9.5
PROM.	15.6	25.9	20.7	77.1	18.854	16.5	3.8	65.5	69.3	185.2

ESTACION: PIAMONTE MUNICIPIO FREDONIA AÑO: 1.977

ALTITUD: 1.330 LATITUD: 5-54 N. LONGITUD: 75-38 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.6	28.6	21.7	13.6	30.3	76.1	19.289	16.9	6.2	3	241.8
FEBRERO	16.3	29.2	22.0	15.0	31.6	73.8	19.131	16.7	34.1	8	
MARZO	17.3	29.4	23.1	15.2	34.2	72.4	19.742	17.2	80.0	13	190.9
ABRIL	16.6	27.2	21.4	14.2	31.0	81.0	20.238	17.7	142.3	19	170.3
MAYO	16.5	25.0	20.0	15.0	29.0	89.7	21.077	18.3	233.1	20	115. 0
JUNIO	15.9	25.1	19.9	14.8	29.2	88.6	20.694	18.0	212.6	15	176.5
JULIO	15.3	25.9	20.4	14.2	30.2	82.6	19.682	17.2	178.5	14	214.3
AGOSTO	15.5	25.4	19.9	14.2	29.0	88.6	20.719	18.0	221.4	20	195.6
SEPTIEMBRE	15.8	26.5	20.6	14.2	31.2	84.0	20.316	17.7	254.2	19	162.8
OCTUBRE	16.2	25.4	20.0	14.2	28.0	88.8	20.933	18.2	260.3	19	133.0
NOVIEMBRE	16.0	25.2	20.1	14.2	28.2	85.7	20.302	17.7	153.6	20	145.8
DICIEMBRE	15.6	25.9	20.7	13.4	30.2	77.1	18.854	16.5	69.3	15	185.2
PROMEDIO	16.1	26.6	20.8	14.4	30.2	82.4	20.081	17.5			
TOTAL									1845.6	185	

ESTACION: MIGUEL VALENCIA MUNICIPIO: JARDIN AÑO: 1.977

ALTITUD: 1.570 LATITUD: 5-32 N. LONGITUD: 75-51 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.8	25.0	19.8	78.4	17.672	15.5	0.0	0.0	0.0	5.8
2	14.8	25.0	18.4	83.7	17.751	15.6	0.0	0.0	0.0	5.6
3	13.0	26.4	18.8	77.7	16.412	14.4	0.0	0.0	0.0	9.1
4	13.3	27.5	18.9	73.4	15.653	13.7	0.0	0.0	0.0	8.2
5	13.0	29.1	18.9	63.5	12.672	10.2	0.0	0.0	0.0	10.9
6	10.6	26.6	19.1	72.7	14.991	12.8	0.0	0.0	0.0	9.9
7	11.3	25.3	18.0	75.4	15.031	13.0	0.0	0.0	0.0	9.2
8	13.1	26.6	17.8	77.2	15.434	13.4	0.0	0.0	0.0	9.1
9	9.5	27.4	17.9	69.1	13.164	11.0	0.0	0.0	0.0	9.9
10	11.6	25.5	20.3	61.0	14.629	12.5	0.0	0.0	0.0	7.0
11	12.0	27.0	18.3	78.8	15.992	13.9	0.0	0.0	0.0	9.6
12	13.0	27.0	18.6	76.2	15.491	13.4	0.0	0.0	0.0	9.6
13	13.0	26.0	18.3	73.9	15.032	13.0	0.0	0.0	0.0	8.3
14	12.8	27.0	19.9	72.1	15.802	13.7	0.0	0.0	0.0	7.7
15	15.5	27.5	20.4	73.1	16.805	14.7	0.0	0.0	0.0	9.7
16	16.5	26.5	19.7	79.0	18.043	15.9	0.0	0.0	0.0	3.8
17	14.1	27.0	20.0	76.0	17.174	15.1	0.0	2.0	2.0	8.5
18	14.5	25.1	19.2	83.2	17.901	15.7	0.0	0.0	0.0	3.0
19	16.0	25.4	20.2	74.3	17.174	15.1	0.0	0.0	0.0	4.2
20	15.6	26.3	19.8	74.9	16.790	14.7	0.0	0.0	0.0	7.2
21	14.0	27.1	19.6	72.6	15.838	13.8	0.0	0.0	0.0	8.7
22	14.1	26.0	19.4	73.0	15.841	13.8	0.0	0.0	0.0	7.0
23	16.0	25.6	19.9	74.9	17.043	15.0	0.0	0.5	0.5	6.6
24	16.0	22.0	18.2	92.2	19.145	16.8	4.8	0.0	4.8	0.5
25	14.8	26.4	20.4	75.1	17.333	15.2	0.0	0.0	0.0	5.7
26	15.1	26.1	20.0	74.2	16.749	14.7	0.0	0.0	0.0	5.1
27	14.0	26.4	18.6	77.1	16.071	14.0	0.0	0.0	0.0	7.1
28	13.0	27.1	20.4	78.0	17.864	15.6	0.0	1.9	1.9	8.7
29	15.8	25.6	20.3	72.5	16.589	14.5	0.0	0.0	0.0	7.3
30	14.8	26.3	20.5	77.5	17.965	15.7	0.4	19.0	19.4	5.1
31	15.4	23.8	17.9	83.4	17.225	15.1	0.9	0.0	0.9	4.2
PROM.	13.9	26.2	19.3	75.6	16.364	14.2	6.1	23.4	29.5	222.3

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	25.1	18.7	81.3	17.190	15.1	0.0	0.0	0.0	6.1
2	14.0	27.0	19.4	75.8	16.569	14.5	0.0	0.0	0.0	10.0
3	15.0	29.0	19.0	69.3	15.727	13.7	0.0	0.0	0.0	9.7
4	12.0	27.0	18.8	75.4	16.080	14.0	0.0	0.0	0.0	7.0
5	13.0	27.0	18.5	79.4	16.944	14.8	0.0	0.0	0.0	8.1
6	16.0	28.1	20.4	75.5	18.001	15.8	0.0	0.0	0.0	9.8
7	13.0	25.0	19.3	84.9	18.599	16.3	0.2	0.0	0.2	3.1
8	14.5	29.0	20.4	76.7	18.026	15.8	0.0	0.0	0.0	9.0
9	13.5	27.1	20.7	75.6	17.893	15.7	0.0	0.0	0.0	5.4
10	15.0	27.0	19.3	79.1	17.644	15.5	0.0	10.9	10.9	5.6
11	16.0	25.5	18.9	82.3	18.078	15.9	0.0	0.0	0.0	3.8
12	15.3	25.0	19.3	81.9	18.381	16.2	0.0	0.0	0.0	1.8
13	16.0	26.6	20.1	81.2	19.108	16.8	0.0	2.1	2.1	5.9
14	16.0	24.1	18.6	89.2	19.047	16.7	0.3	0.0	0.3	5.2
15	16.5	25.1	18.9	92.3	20.047	17.5	1.3	0.7	2.0	7.5
16	14.0	26.5	20.8	74.3	17.386	15.3	0.3	3.9	4.2	6.3
17	16.0	27.0	20.5	80.3	19.408	17.0	0.0	0.0	0.0	5.3
18	14.0	29.0	20.3	69.9	16.015	14.0	0.0	0.0	0.0	9.3
19	13.8	24.6	17.8	84.1	17.299	15.2	4.8	0.0	4.8	1.1
20	14.5	24.5	17.7	83.5	16.908	14.9	2.6	0.0	2.6	3.2
21	14.0	26.0	19.0	81.1	17.423	15.3	0.0	0.0	0.0	7.5
22	15.0	26.0	19.9	77.1	17.509	15.4	0.0	0.0	0.0	6.4
23	13.1	28.1	19.4	76.0	16.496	14.4	0.0	0.0	0.0	7.9
24	14.1	28.0	20.1	80.8	18.467	16.2	0.0	2.8	2.8	6.3
25	14.0	27.0	19.2	75.9	16.602	14.6	0.0	0.0	0.0	6.4
26	13.0	27.0	19.2	81.8	17.606	15.4	4.6	0.0	4.6	2.4
27	14.6	24.0	18.1	86.9	18.110	15.9	0.0	0.0	0.0	1.5
28	13.1	27.1	19.0	81.4	17.721	15.5	0.0	0.0	0.0	5.0
PROM.	14.4	26.5	19.3	79.8	17.653	15.5	14.1	20.4	34.5	166.6

ESTACION: MIGUEL VALENCIA MUNICIPIO: JARDIN AÑO: 1.977

ALTITUD: 1.570 LATITUD: 5-32 N. LONGITUD: 75-51 W.

M E S – MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.4	27.0	19.4	79.5	17.750	15.5	3.5	0.0	3.5	2.4
2	16.0	28.1	21.0	76.0	18.696	16.4	0.0	0.0	0.0	5.6
3	14.1	29.0	21.2	75.2	18.263	16.0	0.0	0.0	0.0	6.5
4	13.7	28.0	20.4	73.6	17.294	15.2	0.0	0.0	0.0	5.7
5	14.0	30.0	20.7	71.6	16.884	14.8	0.0	0.0	0.0	7.7
6	15.0	29.1	22.0	64.6	16.514	14.5	0.0	0.0	0.0	7.1
7	15.0	30.0	20.8	68.3	16.598	14.5	0.0	0.0	0.0	3.5
8	12.8	31.0	21.9	59.8	14.317	12.3	0.0	0.0	0.0	8.2
9	13.7	28.0	21.5	66.5	16.637	14.6	0.0	0.0	0.0	5.1
10	13.6	31.1	22.0	67.9	16.750	14.7	0.0	0.0	0.0	8.8
11	17.0	29.1	21.5	72.6	18.294	16.1	0.0	0.0	0.0	7.9
12	16.0	28.0	20.6	78.3	18.967	16.6	0.0	7.8	7.8	5.4
13	15.1	25.0	18.6	86.5	18.481	16.2	0.0	0.0	0.0	4.2
14	14.1	27.1	20.0	77.3	17.894	15.7	0.0	0.0	0.0	4.3
15	14.4	28.0	20.3	78.3	18.280	16.1	0.7	1.3	2.0	5.5
16	16.0	23.1	19.2	84.7	18.695	16.4	0.1	0.0	0.1	1.3
17	16.0	26.1	21.4	73.2	18.122	15.9	0.0	0.0	0.0	3.2
18	14.4	28.8	20.7	73.5	17.708	15.6	0.4	0.0	0.4	6.3
19	16.4	25.1	19.8	81.8	18.844	16.5	0.3	0.0	0.3	2.4
20	16.0	28.3	21.0	77.1	18.736	16.4	0.0	0.0	0.0	4.8
21	16.4	28.1	21.9	74.4	19.010	16.6	0.0	8.8	8.8	5.2
22	16.0	24.4	19.1	85.3	18.955	16.6	1.4	0.0	1.4	1.1
23	15.1	26.0	19.0	81.2	18.110	15.9	1.8	0.0	1.8	4.6
24	15.1	27.0	19.6	81.3	18.373	16.1	6.3	0.0	6.3	5.1
25	16.0	28.0	20.5	81.8	19.739	17.3	0.0	0.0	0.0	2.6
26	16.4	28.0	20.6	81.0	19.335	16.9	1.0	0.0	1.0	6.8
27	16.0	27.1	20.3	82.6	19.522	17.1	1.5	29.1	30.6	5.3
28	16.0	23.1	18.8	86.1	18.618	16.3	2.8	1.0	3.8	0.5
29	14.0	26.6	20.1	79.0	18.009	15.8	0.0	24.2	24.2	6.6
30	15.1	25.0	18.6	87.6	19.103	16.7	16.5	0.0	16.5	1.9
31	15.0	21.0	18.9	86.3	18.747	16.5	0.5	1.1	1.6	3.1
PROM.	15.1	27.2	20.4	77.2	18.105	15.9	36.8	73.3	110.1	148.7

M E S – ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	25.1	19.3	82.7	18.347	16.2	0.3	4.3	4.6	5.1
2	16.1	26.1	18.8	85.0	18.652	16.4	2.1	10.0	12.1	7.4
3	16.0	25.8	19.6	87.4	19.849	17.3	0.0	15.3	15.3	5.6
4	14.0	24.0	18.5	86.8	18.406	16.2	0.0	0.0	0.0	0.8
5	13.1	28.0	19.0	76.0	16.374	14.4	0.0	0.0	0.0	10.1
6	13.0	28.0	18.5	78.7	16.875	14.8	1.2	0.1	1.3	6.2
7	14.1	28.0	20.0	78.2	17.832	15.6	0.0	0.0	0.0	5.8
8	14.1	26.0	19.9	75.5	17.100	14.9	0.0	0.0	0.0	2.4
9	14.0	28.0	20.7	80.9	19.579	17.1	0.0	0.0	0.0	7.2
10	15.1	28.1	20.8	80.2	19.742	17.3	0.0	0.0	0.0	6.9
11	14.0	27.0	21.1	77.6	19.135	16.7	0.0	4.5	4.5	5.2
12	15.1	24.0	19.6	86.0	19.583	17.2	0.6	0.0	0.6	0.0
13	15.0	29.0	20.8	77.6	18.500	16.2	0.8	0.0	0.8	7.2
14	17.0	26.1	20.3	81.7	19.364	16.9	3.6	0.0	3.6	2.3
15	15.0	28.1	20.8	79.0	19.223	16.8	0.0	0.0	0.0	10.0
16	14.1	26.4	20.7	79.1	19.140	16.7	0.0	7.2	7.2	2.7
17	16.3	23.2	19.5	83.1	18.356	15.9	0.6	0.5	1.1	2.8
18	15.0	28.0	20.8	81.3	19.411	17.0	0.0	0.0	0.0	8.1
19	16.0	25.1	19.7	78.9	18.278	16.1	0.0	0.0	0.0	0.6
20	14.1	28.0	20.7	78.9	19.198	16.8	0.0	0.0	0.0	3.5
21	16.0	25.1	19.2	83.6	18.758	16.5	3.5	1.1	4.6	0.0
22	15.1	26.0	20.1	80.8	19.071	16.7	0.6	9.8	10.4	5.3
23	16.0	21.0	18.2	93.9	19.551	17.1	3.8	2.5	6.3	0.1
24	15.0	25.0	19.1	86.2	18.903	16.6	0.0	0.7	0.7	3.6
25	16.0	26.3	19.5	81.6	18.287	16.1	0.8	1.9	2.7	4.9
26	16.0	25.1	18.5	84.3	18.080	15.9	1.3	24.7	26.0	5.2
27	15.1	25.1	18.7	85.9	18.472	16.2	1.2	1.9	3.1	3.7
28	15.0	25.0	18.4	90.2	19.089	16.8	0.6	8.1	8.7	5.8
29	12.6	25.6	18.9	82.8	17.885	15.6	0.9	11.6	12.5	7.2
30	14.4	23.0	18.8	85.8	18.421	16.2	1.0	2.5	3.5	0.5
PROM.	14.9	26.0	19.6	82.3	18.649	16.3	22.9	106.7	129.6	136.2

ESTACION: MIGUEL VALENCIA MUNICIPIO: JARDIN AÑO: 1.977

ALTITUD: 1.570 LATITUD: 5-32 N. LONGITUD: 75-51 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	26.1	19.6	82.8	18.582	16.3	0.0	0.6	0.6	8.1
2	16.0	26.1	20.5	85.4	20.696	18.0	1.3	0.0	1.3	5.1
3	17.1	27.1	21.3	82.4	20.965	18.2	3.3	12.5	15.8	5.1
4	16.0	26.1	19.5	88.9	20.536	17.9	1.1	15.2	16.3	6.9
5	16.0	22.0	18.0	88.8	18.448	16.2	10.7	0.0	10.7	0.2
6	14.1	26.0	19.9	86.0	19.923	17.4	1.1	0.0	1.1	7.2
7	16.0	25.1	20.1	82.4	19.373	17.0	0.0	2.5	2.5	5.6
8	15.1	26.1	20.0	82.6	19.400	17.0	2.6	2.1	4.7	7.4
9	15.0	22.4	17.3	96.5	19.080	16.8	0.7	0.0	0.7	2.1
10	14.1	25.0	19.1	86.1	19.269	16.9	2.0	0.0	2.0	7.2
11	16.1	24.0	19.3	83.4	18.787	16.5	0.2	0.7	0.9	3.0
12	14.8	26.1	20.3	82.4	19.582	17.1	2.6	0.0	2.6	7.2
13	14.3	25.0	19.6	85.1	19.219	16.9	0.4	1.2	1.6	1.1
14	16.0	21.3	17.1	94.9	18.710	16.5	2.0	0.0	2.0	0.4
15	15.6	21.1	16.3	99.7	18.820	16.5	20.8	0.0	20.8	0.9
16	13.4	25.0	19.7	78.4	17.604	15.4	0.0	0.0	0.0	7.9
17	15.0	27.0	19.5	79.0	18.011	15.8	0.0	2.3	2.3	7.5
18	15.1	26.0	20.0	82.2	18.742	16.5	1.3	5.7	7.0	6.0
19	15.1	28.0	20.9	83.5	20.341	17.7	0.2	11.3	11.5	6.8
20	16.1	22.8	19.1	90.7	19.932	17.4	0.3	0.0	0.3	0.1
21	14.6	22.1	17.9	89.3	18.402	16.2	0.5	0.8	1.3	0.2
22	14.1	24.1	18.5	88.7	18.944	16.6	2.4	19.0	21.4	5.1
23	15.0	23.3	17.0	92.1	18.312	16.1	12.4	13.3	25.7	1.7
24	13.4	26.1	18.6	81.4	17.473	15.4	0.3	0.1	0.4	6.9
25	15.1	22.0	17.4	91.4	18.557	16.3	7.1	0.0	7.1	0.2
26	13.1	24.1	18.1	96.8	20.265	17.6	10.4	0.4	10.8	4.2
27	16.1	23.0	17.7	96.0	19.639	17.2	1.2	4.0	5.2	1.1
28	14.1	25.0	18.9	84.7	18.559	16.3	6.5	2.5	9.0	2.8
29	15.1	25.1	18.7	85.6	18.612	16.4	0.0	0.0	0.0	1.1
30	14.4	26.1	19.9	83.2	19.141	16.8	1.0	0.0	1.0	5.6
31	16.0	24.0	18.4	89.4	19.207	16.9	2.3	0.0	2.3	2.5
PROM.	15.1	24.6	19.0	87.1	19.133	16.8	94.7	94.2	188.9	127.2

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.7	25.0	16.9	96.3	18.435	16.2	24.3	23.6	47.9	4.9
2	14.8	24.0	18.6	89.2	19.105	16.8	1.2	0.0	1.2	3.2
3	15.0	24.1	17.8	90.1	18.768	16.5	0.3	0.0	0.3	1.9
4	13.8	23.8	17.9	87.0	17.683	15.6	1.5	0.0	1.5	3.2
5	14.4	24.1	18.3	84.4	18.116	15.9	5.9	0.0	5.9	4.8
6	13.8	26.1	19.7	82.7	18.850	16.6	0.0	8.3	8.3	1.9
7	15.1	24.0	18.9	85.7	18.628	16.3	6.4	29.5	35.9	1.6
8	14.0	26.0	19.4	81.8	18.404	16.2	1.0	0.0	1.0	7.7
9	14.8	26.1	19.7	78.3	17.640	15.4	0.0	0.0	0.0	9.1
10	15.8	25.1	19.5	81.6	18.716	16.4	0.0	2.8	2.8	4.8
11	12.8	25.6	19.2	80.0	17.585	15.4	0.5	0.4	0.9	4.2
12	14.4	22.0	17.1	93.9	18.335	16.1	3.7	0.0	3.7	0.0
13	14.8	22.1	17.9	89.0	18.053	15.9	1.9	9.5	11.4	2.1
14	14.1	25.1	19.8	83.6	19.185	16.8	0.5	1.1	1.6	6.8
15	15.0	26.1	19.4	84.0	19.120	16.8	0.0	0.0	0.0	10.3
16	12.8	26.1	19.7	76.5	17.395	15.3	0.0	0.0	0.0	6.7
17	13.4	27.1	19.5	81.7	18.533	16.3	4.4	0.0	4.4	7.2
18	13.1	25.1	18.6	84.5	17.915	15.7	1.6	1.6	3.2	5.7
19	14.0	25.6	19.1	87.2	19.399	16.9	0.0	0.7	0.7	7.7
20	13.8	25.6	18.3	83.8	17.534	15.4	5.8	2.6	8.4	5.0
21	14.8	24.0	18.0	88.3	18.292	16.1	2.3	0.0	2.3	3.3
22	12.0	25.3	19.1	78.9	17.073	15.0	0.0	0.0	0.0	8.2
23	13.3	26.0	19.2	80.7	17.869	15.7	0.0	0.0	0.0	8.7
24	14.7	26.0	19.8	80.9	18.503	16.2	0.0	0.0	0.0	7.1
25	14.1	27.1	19.9	78.5	17.973	15.7	0.0	0.0	0.0	10.8
26	15.0	26.1	20.6	75.2	17.762	15.6	0.0	0.0	0.0	8.4
27	14.5	28.1	19.4	77.8	17.601	15.5	0.0	0.0	0.0	9.0
28	13.6	25.1	18.3	81.9	17.091	15.0	3.7	0.0	3.7	4.5
29	13.8	23.0	18.2	84.5	17.710	15.5	0.5	0.0	0.5	5.0
30	13.8	24.0	17.8	90.9	18.604	16.4	6.4	29.6	36.0	3.1
PROM.	14.1	25.1	18.9	84.0	18.196	16.0	71.9	109.7	181.6	166.9

ESTACION: MIGUEL VALENCIA MUNICIPIO: JARDIN AÑO: 1.977

ALTITUD: 1.570 LATITUD: 5-32 N. LONGITUD: 75-51 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.3	25.0	18.6	86.6	18.384	16.1	0.9	0.7	1.6	6.1
2	12.7	26.4	21.1	68.2	16.228	14.2	0.1	0.0	0.1	11.2
3	14.8	27.1	20.6	80.3	19.552	17.1	0.0	1.7	1.7	8.9
4	15.0	26.1	20.0	79.1	18.029	15.8	0.0	0.0	0.0	7.6
5	15.1	25.1	19.4	82.9	18.605	16.4	2.4	12.6	15.0	6.2
6	15.0	24.0	18.1	85.6	17.695	15.6	11.0	18.9	29.9	4.1
7	15.1	24.1	18.9	83.0	17.897	15.7	0.9	7.0	7.9	6.0
8	16.1	25.3	19.6	79.0	17.874	15.7	0.0	0.0	0.0	6.7
9	13.6	25.0	18.1	83.5	17.786	15.7	5.9	0.4	6.3	7.6
10	14.6	26.3	19.1	80.8	17.623	15.5	0.1	0.0	0.1	9.4
11	12.8	27.0	19.1	74.1	15.941	14.0	0.0	0.0	0.0	10.9
12	12.9	25.1	19.0	77.1	16.705	14.6	0.0	0.0	0.0	0.7
13	13.8	26.3	20.3	73.6	17.075	14.9	0.0	0.0	0.0	9.6
14	14.0	26.0	19.6	80.9	17.962	15.7	0.0	0.0	0.0	6.0
15	14.9	24.0	19.5	82.8	18.527	16.3	0.0	11.2	11.2	3.7
16	13.8	26.4	19.1	81.3	17.472	15.3	0.1	0.0	0.1	6.1
17	14.8	27.0	21.6	67.5	16.598	14.5	0.0	0.0	0.0	9.5
18	13.8	27.1	21.0	70.3	16.598	14.6	0.0	0.0	0.0	9.0
19	13.8	27.4	19.8	77.4	17.478	15.4	2.7	27.3	30.0	7.4
20	13.8	24.0	17.8	85.2	17.154	15.1	4.8	0.0	4.8	4.8
21	13.3	27.1	19.7	76.2	16.964	14.9	0.0	0.0	0.0	9.6
22	12.8	26.4	19.6	77.7	17.263	15.1	0.0	0.0	0.0	8.9
23	13.8	25.4	19.5	80.4	17.861	15.7	0.1	19.2	19.3	8.0
24	13.6	24.0	18.7	83.0	17.483	15.3	0.0	0.0	0.0	3.1
25	14.1	25.0	18.4	85.1	17.962	15.8	3.8	0.5	4.3	4.2
26	15.1	25.1	19.4	84.8	18.857	16.6	0.5	25.6	26.1	4.3
27	14.6	22.0	18.0	86.6	17.607	15.5	2.0	0.0	2.0	4.2
28	13.4	26.1	19.2	79.9	17.539	15.4	0.0	0.0	0.0	9.5
29	12.7	28.1	19.4	75.8	16.131	14.0	0.0	0.0	0.0	10.9
30	12.8	27.1	19.1	79.6	17.338	15.2	0.0	4.6	4.6	9.5
31	15.0	21.0	17.0	92.7	18.086	15.9	6.3	27.7	34.0	2.7
PROM.	14.1	25.5	19.3	80.0	17.559	15.4	41.6	157.4	199.0	216.4

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.7	23.1	17.2	90.7	18.011	15.8	4.5	0.0	4.5	2.9
2	13.1	25.1	19.5	81.7	18.275	16.1	0.0	0.0	0.0	8.1
3	13.0	26.1	19.0	79.3	17.108	15.0	0.0	1.0	1.0	6.9
4	15.1	26.3	19.0	82.4	17.935	15.8	0.0	0.0	0.0	6.6
5	15.0	25.0	18.7	84.8	18.273	16.0	7.4	3.2	10.6	2.6
6	14.7	22.3	17.8	90.3	18.514	16.3	8.3	16.6	24.9	2.6
7	15.0	23.0	17.6	92.2	18.639	16.4	2.0	1.5	3.5	1.5
8	15.1	23.3	18.5	88.4	18.742	16.5	2.8	13.1	15.9	2.8
9	14.0	25.0	20.8	76.6	17.866	15.7	0.6	5.9	6.5	4.7
10	14.4	24.1	17.9	84.6	17.293	15.2	0.6	0.0	0.6	5.1
11	15.3	24.1	18.7	84.5	18.218	16.0	0.0	0.0	0.0	6.5
12	13.7	25.8	19.4	81.7	18.219	16.0	2.1	13.0	15.1	9.5
13	13.4	25.4	19.5	80.3	17.685	15.5	0.0	4.8	4.8	7.6
14	14.4	25.0	18.2	85.8	18.094	15.9	10.3	3.0	13.3	6.0
15	14.8	24.1	18.7	87.4	18.690	16.4	3.0	20.6	23.6	7.1
16	15.1	24.1	18.8	86.4	18.621	16.4	2.7	0.0	2.7	2.6
17	14.4	26.3	18.9	82.6	17.952	15.8	0.3	0.0	0.3	8.0
18	14.1	25.5	18.6	83.3	17.733	15.6	0.1	0.0	0.1	8.3
19	14.5	24.3	18.6	86.3	18.380	16.2	0.0	31.0	31.0	4.0
20	14.1	24.6	17.9	83.7	16.890	14.8	1.3	9.5	10.8	5.7
21	14.5	20.5	17.0	89.9	17.284	15.2	0.2	0.0	0.2	0.1
22	13.9	26.6	19.3	83.2	18.486	16.2	0.0	0.0	0.0	8.9
23	13.4	27.0	19.5	75.0	16.491	14.4	0.0	0.0	0.0	11.2
24	13.1	27.5	20.2	79.7	18.209	15.9	0.0	0.0	0.0	9.1
25	13.0	26.5	19.1	75.1	15.915	13.8	0.0	0.0	0.0	9.4
26	14.0	24.8	19.0	79.3	17.257	15.2	0.0	0.0	0.0	5.9
27	14.5	24.6	19.2	84.1	18.739	16.5	0.0	0.0	0.0	6.0
28	13.5	27.0	20.2	72.6	16.730	14.7	0.1	0.0	0.1	9.2
29	12.3	28.0	20.1	77.2	17.403	15.2	0.0	0.0	0.0	7.7
30	14.5	26.0	20.5	78.0	18.391	16.1	0.0	0.0	0.0	2.1
31	15.1	23.5	19.9	83.3	19.642	17.2	1.6	0.0	1.6	2.3
PROM.	14.2	25.0	18.9	82.9	17.925	15.7	47.9	123.2	171.1	181.0

ESTACION: MIGUEL VALENCIA MUNICIPIO: JARDIN AÑO: 1.977

ALTITUD: 1.570 LATITUD: 5-32 N. LONGITUD: 75-51 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.0	26.0	19.4	78.3	17.146	15.1	0.0	0.0	0.0	7.9
2	12.5	26.0	19.2	76.6	16.767	14.7	0.1	0.0	0.1	6.8
3	14.0	25.3	19.9	82.9	19.111	16.7	0.0	5.4	5.4	4.4
4	13.0	27.1	19.2	82.6	17.774	15.5	10.3	6.0	16.3	6.7
5	15.4	26.1	19.9	84.6	19.477	17.1	0.0	1.0	1.0	4.6
6	14.3	27.6	19.3	78.2	17.370	15.3	0.0	0.0	0.0	8.4
7	12.3	27.1	19.0	76.1	16.183	14.2	0.0	0.0	0.0	10.0
8	12.4	27.1	20.7	74.0	17.573	15.4	0.0	0.0	0.0	7.2
9	14.6	27.3	21.0	78.7	19.150	16.7	0.0	0.0	0.0	6.9
10	16.0	26.0	19.7	81.9	18.943	16.6	0.0	0.0	0.0	0.0
11	14.1	26.3	20.0	76.5	17.654	15.5	0.0	0.0	0.0	3.7
12	14.1	23.1	17.2	93.6	18.742	16.4	13.1	0.0	13.1	0.5
13	15.0	23.0	18.3	87.4	18.351	16.1	3.6	2.2	5.8	2.2
14	13.6	21.0	17.1	89.9	17.376	15.3	1.4	0.0	1.4	0.1
15	13.3	24.0	18.0	83.5	16.936	14.8	0.0	0.0	0.0	6.9
16	14.0	26.1	18.5	83.5	17.566	15.4	0.9	0.4	1.3	3.8
17	14.0	27.0	19.3	77.7	17.002	14.9	4.8	7.1	11.9	5.6
18	14.3	26.3	20.1	77.5	17.757	15.6	0.0	33.2	33.2	8.0
19	14.0	25.1	18.3	79.4	16.193	14.1	0.0	0.0	0.0	4.6
20	15.0	24.1	17.5	93.4	18.822	16.6	1.3	0.3	1.6	3.9
21	14.0	23.3	17.6	95.1	19.405	17.0	11.2	6.8	18.0	3.8
22	14.0	23.0	17.7	89.3	18.127	15.9	1.3	3.0	4.3	5.1
23	14.7	24.1	18.0	85.2	17.725	15.6	0.4	0.0	0.4	2.9
24	14.0	24.1	17.8	94.1	19.477	17.0	6.7	21.6	28.3	3.4
25	14.8	25.1	19.4	77.9	16.983	14.8	0.0	34.4	34.4	6.7
26	13.6	22.0	17.7	84.8	16.934	14.9	0.1	0.0	0.1	0.2
27	14.7	21.3	16.9	90.5	17.635	15.5	7.6	9.7	17.3	0.8
28	14.1	22.1	17.3	90.9	17.950	15.8	1.8	0.0	1.8	0.3
29	14.0	21.0	17.1	94.7	18.645	16.3	10.0	0.1	10.1	1.2
30	12.4	24.3	17.3	83.9	16.487	14.4	0.0	0.0	0.0	7.0
PROM.	14.0	24.7	18.6	84.1	17.842	15.6	74.6	131.2	205.8	133.6

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	22.1	17.3	85.7	16.946	14.9	0.0	1.5	1.5	2.5
2	15.0	23.0	17.2	85.3	16.870	14.8	0.0	17.2	17.2	2.0
3	14.7	27.0	19.9	81.9	18.670	16.4	0.7	6.1	6.8	9.9
4	15.7	26.0	17.8	93.4	19.151	16.8	2.6	9.6	12.2	3.6
5	15.4	26.3	20.2	80.6	18.460	16.1	0.0	0.0	0.0	7.2
6	15.3	25.0	18.6	88.8	18.912	16.6	0.9	10.0	10.9	5.1
7	16.4	23.0	18.2	93.3	19.785	17.3	3.6	1.2	4.8	1.6
8	16.0	24.2	18.5	85.1	18.125	16.0	0.0	18.6	18.6	3.8
9	15.4	26.3	19.3	83.8	18.728	16.5	0.0	10.4	10.4	4.1
10	16.1	23.0	18.7	88.1	18.831	16.5	2.5	3.6	6.1	1.5
11	15.4	24.0	18.9	89.2	19.410	17.0	1.6	4.1	5.7	3.2
12	15.1	22.3	18.0	86.7	17.997	15.8	9.4	0.0	9.4	2.2
13	15.0	23.4	18.9	86.8	18.694	16.4	5.9	0.0	5.9	1.0
14	15.3	27.1	19.0	81.8	17.796	15.7	4.7	0.5	5.2	5.6
15	14.7	26.1	18.2	83.1	17.380	15.3	4.9	4.4	9.3	6.7
16	14.3	26.0	20.0	72.5	16.303	14.3	0.0	0.0	0.0	3.0
17	15.3	22.6	18.1	93.9	19.727	17.3	9.8	0.0	9.8	2.6
18	15.1	26.1	19.3	86.7	19.509	17.1	0.0	0.0	0.0	3.7
19	15.3	25.0	19.3	92.4	21.193	18.3	2.0	11.5	13.5	2.2
20	15.9	26.1	19.5	84.4	19.104	16.8	1.7	3.3	5.0	6.4
21	16.0	24.0	18.9	89.9	19.587	17.2	2.9	0.5	3.4	2.0
22	16.1	26.3	19.1	85.8	19.102	16.8	0.9	0.0	0.9	3.3
23	15.0	23.0	18.1	92.3	19.410	17.1	0.7	7.4	8.1	4.0
24	16.0	26.0	19.9	84.0	19.459	17.0	7.9	23.0	30.9	4.4
25	14.4	25.1	18.4	85.0	18.045	15.9	0.0	2.8	2.8	5.5
26	15.5	21.0	18.0	92.2	19.193	16.8	6.0	0.0	6.0	0.0
27	15.8	23.0	18.2	93.9	19.852	17.4	1.4	35.6	37.0	0.6
28	15.4	24.1	18.1	82.8	17.359	15.3	9.1	11.7	20.8	4.1
29	14.8	25.1	18.5	85.5	18.078	15.9	0.4	2.2	2.6	4.0
30	15.0	25.0	18.1	83.2	17.569	15.5	6.6	0.0	6.6	3.8
31	11.1	24.0	17.9	84.5	16.950	14.8	0.2	0.0	0.2	9.3
PROM.	15.2	24.6	18.6	86.5	18.587	16.3	86.4	185.2	271.6	118.9

ESTACION: MIGUEL VALENCIA MUNICIPIO: JARDIN AÑO: 1.977

ALTITUD: 1.570 LATITUD: 5-32 N. LONGITUD: 75-51 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	24.1	18.4	86.8	18.425	16.2	3.0	0.0	3.0	2.2
2	14.5	24.0	18.1	85.0	17.587	15.4	11.8	1.2	13.0	4.5
3	14.6	25.3	19.1	81.5	17.837	15.7	0.1	5.7	5.8	3.3
4	15.1	23.0	17.9	85.2	17.421	15.3	1.9	0.9	2.8	1.5
5	14.5	23.5	17.7	84.2	17.104	15.0	2.1	3.2	5.3	3.6
6	15.1	25.1	18.2	84.3	17.744	15.6	8.5	0.1	8.6	4.4
7	15.0	26.0	19.1	81.9	17.961	15.8	0.1	7.9	8.0	2.1
8	14.1	25.1	18.1	80.9	16.400	14.3	0.0	2.1	2.1	9.7
9	16.1	26.0	18.9	83.4	18.320	16.1	5.2	19.5	24.7	4.0
10	16.0	25.1	19.4	80.3	17.723	15.5	0.5	4.1	4.6	4.8
11	14.0	23.4	17.6	84.8	16.794	14.7	0.0	6.6	6.6	4.6
12	14.0	23.0	17.5	90.3	18.059	15.9	1.8	0.0	1.8	3.7
13	13.6	20.0	17.2	89.6	17.574	15.4	0.5	0.0	0.5	0.4
14	14.4	23.3	18.0	84.3	17.201	15.1	0.0	0.0	0.0	5.0
15	13.1	25.0	19.0	75.8	16.050	14.0	0.0	0.0	0.0	9.5
16	13.6	26.0	18.5	79.8	16.894	14.9	0.0	2.7	2.7	6.6
17	16.1	25.0	19.2	84.8	18.992	16.7	0.9	20.6	21.5	7.7
18	14.1	25.0	18.3	82.8	17.273	15.2	0.6	0.0	0.6	8.0
19	14.0	25.0	17.8	78.4	15.706	13.7	0.0	0.0	0.0	5.2
20	14.0	25.1	18.4	81.6	17.063	15.0	0.0	0.0	0.0	8.8
21	15.0	27.1	19.0	78.7	17.271	15.2	0.0	0.0	0.0	9.4
22	16.0	26.0	20.4	74.0	17.405	15.3	0.0	0.0	0.0	4.9
23	15.1	24.4	18.9	84.6	18.671	16.4	0.0	0.0	0.0	3.2
24	15.3	27.1	19.7	79.6	17.881	15.7	0.0	0.0	0.0	8.3
25	15.4	26.1	19.9	78.3	17.995	15.8	0.0	1.1	1.1	6.3
26	15.8	25.2	19.7	80.1	17.869	15.6	1.1	1.0	2.1	3.2
27	15.8	26.3	19.8	77.5	17.886	15.7	0.0	0.0	0.0	0.0
28	15.7	26.2	19.6	75.1	17.141	15.1	0.0	0.0	0.0	8.4
29	14.3	28.0	18.7	73.0	15.751	13.8	0.0	0.0	0.0	9.3
30	12.1	26.8	18.1	77.0	15.458	13.5	0.0	0.0	0.0	9.3
PROM.	14.7	25.0	18.7	81.5	17.382	15.3	38.1	76.7	114.8	161.9

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	25.1	18.8	78.9	17.113	15.0	0.0	0.0	0.0	3.3
2	14.0	24.1	18.4	81.0	16.937	14.8	1.8	30.6	32.4	3.2
3	15.0	25.0	19.7	79.2	17.782	15.6	0.0	0.0	0.0	9.6
4	16.0	25.4	19.8	78.8	17.884	15.7	0.0	0.0	0.0	7.2
5	15.1	25.0	18.9	79.5	17.541	15.4	0.0	0.0	0.0	3.8
6	16.8	24.1	20.1	79.0	18.321	16.1	0.0	0.0	0.0	0.6
7	16.1	26.0	19.5	82.9	18.916	16.6	0.6	0.0	0.6	3.4
8	13.3	27.0	18.7	77.6	16.372	14.3	0.0	0.0	0.0	8.1
9	15.0	25.1	18.8	84.6	18.303	16.1	1.7	2.3	4.0	4.9
10	15.1	25.0	18.9	83.0	18.061	15.9	0.0	1.1	1.1	3.3
11	16.4	24.0	19.3	86.6	19.352	17.0	0.0	0.0	0.0	2.0
12	13.4	25.1	18.4	83.6	17.508	15.4	5.6	16.7	22.3	6.1
13	14.6	25.0	19.2	82.4	17.820	15.6	0.0	0.0	0.0	5.2
14	14.6	26.0	19.8	77.4	17.375	15.2	1.3	0.0	1.3	6.7
15	14.6	27.1	19.3	80.6	17.674	15.6	0.0	0.0	0.0	8.8
16	16.1	26.4	20.1	81.3	19.010	16.7	1.3	0.0	1.3	5.6
17	15.1	24.8	19.7	82.4	18.512	16.3	0.0	2.0	2.0	7.2
18	16.0	25.0	19.2	83.2	18.485	16.2	0.4	0.0	0.4	4.9
19	15.6	25.0	19.5	79.7	18.014	15.8	0.0	0.0	0.0	3.5
20	13.6	26.3	18.7	80.7	17.090	15.0	10.7	0.0	10.7	6.9
21	14.6	26.0	19.0	78.8	16.901	14.8	0.0	0.0	0.0	6.8
22	14.6	25.1	20.0	75.7	17.379	15.2	0.0	0.0	0.0	5.9
23	14.5	26.1	19.1	80.4	17.307	15.2	0.0	0.0	0.0	9.3
24	14.1	26.1	19.7	75.6	16.604	14.5	0.0	0.0	0.0	6.2
25	16.2	24.1	19.2	84.9	18.941	16.6	0.0	0.0	0.0	0.5
26	14.4	25.1	18.3	84.3	17.798	15.6	4.3	0.0	4.3	3.5
27	14.3	25.0	18.3	84.3	17.859	15.7	0.5	30.9	31.4	3.8
28	15.4	26.0	19.5	80.6	18.004	15.8	0.0	0.8	0.8	5.4
29	16.3	24.0	18.4	79.7	16.821	14.8	0.9	0.3	1.2	1.8
30	12.7	26.0	18.1	78.8	15.820	13.7	0.0	0.0	0.0	9.8
31	14.7	26.0	18.6	80.4	17.135	15.1	0.0	0.0	0.0	8.5
PROM	14.9	25.4	19.1	80.8	17.698	15.5	29.1	84.7	113.8	165.8

ESTACION: MIGUEL VALENCIA MUNICIPIO JARDIN AÑO: 1.977

ALTITUD: 1.570 LATITUD: 5-32 N. LONGITUD: 75-51 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	13.9	26.2	19.3	9.5	29.1	75.6	16.364	14.2	29.5	6	222.3
FEBRERO	14.4	26.5	19.3	12.0	29.0	79.8	17.653	15.5	34.5	10	166.6
MARZO	15.1	27.2	20.4	12.8	31.1	77.2	18.105	15.9	110.1	16	148.7
ABRIL	14.9	26.0	19.6	12.6	29.0	82.3	18.649	16.3	129.6	20	136.2
MAYO	15.1	24.6	19.0	13.1	28.0	87.1	19.133	16.8	188.9	29	127.2
JUNIO	14.1	25.1	18.9	12.0	28.1	84.0	18.196	16.0	181.6	21	166.9
JULIO	14.1	25.5	19.3	12.7	28.1	80.0	17.559	15.4	199.0	18	216.4
AGOSTO	14.2	25.0	18.9	12.3	28.0	82.9	17.925	15.7	171.1	20	181.0
SEPTIEMBRE	14.0	24.7	18.6	12.3	27.6	84.1	17.842	15.6	205.8	20	133.6
OCTUBRE	15.2	24.6	18.6	11.1	27.1	86.5	18.587	16.3	271.6	28	118.9
NOVIEMBRE	14.7	25.0	18.7	12.1	28.0	81.5	17.382	15.3	114.8	18	161.9
DICIEMBRE	14.9	25.4	19.1	12.7	27.1	80.8	17.698	15.5	113.8	14	165.8
PROMEDIO	14.6	25.5	19.1	12.1	28.4	81.8	17.924	15.7			
TOTAL									1750.3	220	1945.5

ESTACION: BERTHA MUNICIPIO: MONIQUIRA AÑO: 1.977

ALTITUD: 1.700 LATITUD: 5-52 N. LONGITUD: 73-24 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	10.6	27.0	19.1	79.9	17.257	15.2	0.0	0.0	0.0	7.1
2	11.6	26.0	18.5	78.2	16.626	14.5	0.0	0.0	0.0	4.0
3	10.7	27.8	18.2	82.1	16.971	14.8	0.0	0.2	0.2	6.8
4	13.7	27.4	20.3	78.5	18.599	16.3	0.0	0.0	0.0	6.1
5	10.0	30.0	19.5	65.8	14.272	12.0	0.0	0.0	0.0	9.1
6	6.2	28.0	18.0	81.9	16.269	14.0	0.0	0.0	0.0	8.8
7	7.5	26.0	18.4	69.3	14.490	12.2	0.0	0.0	0.0	6.9
8	10.3	27.0	16.8	74.5	13.599	11.5	0.0	0.0	0.0	8.1
9	11.8	27.5	18.6	74.0	15.228	13.1	0.0	0.0	0.0	7.1
10	11.8	27.0	18.6	78.7	16.564	14.5	0.0	0.0	0.0	8.6
11	10.1	27.5	18.6	77.6	16.236	14.1	0.0	0.0	0.0	8.3
12	11.4	27.6	19.7	70.8	16.222	14.2	0.0	0.0	0.0	7.5
13	11.0	27.1	19.5	70.8	15.875	13.9	0.0	0.0	0.0	8.9
14	8.2	28.4	20.3	71.7	16.196	14.1	0.0	0.0	0.0	7.0
15	10.5	30.0	20.8	76.7	17.602	15.3	0.0	0.0	0.0	8.1
16	11.0	30.0	21.8	73.4	18.184	15.8	0.0	0.0	0.0	7.5
17	10.1	27.4	19.1	74.0	15.419	13.2	0.0	0.0	0.0	3.8
18	11.4	25.4	18.0	82.3	17.189	15.1	0.0	0.0	0.0	2.5
19	15.4	26.0	19.2	78.4	18.251	16.1	0.0	0.0	0.0	2.5
20	14.0	27.0	19.9	79.6	18.543	16.3	0.0	6.7	6.7	4.3
21	14.0	27.0	20.3	79.1	18.891	16.6	0.0	0.0	0.0	5.5
22	14.5	27.0	19.4	80.6	18.316	16.1	0.0	0.0	0.0	8.0
23	11.0	29.5	20.0	73.4	16.837	14.8	0.0	0.0	0.0	7.3
24	12.4	28.0	20.6	77.5	18.454	16.2	0.0	0.0	0.0	6.1
25	11.8	25.5	19.2	79.4	17.487	15.4	0.0	0.0	0.0	3.3
26	13.4	27.0	19.6	78.4	17.510	15.4	0.0	0.0	0.0	3.2
27	13.5	28.0	18.8	79.2	16.824	14.8	0.0	0.0	0.0	7.9
28	11.6	28.1	18.9	76.2	15.961	13.9	0.0	0.0	0.0	6.9
29	10.4	28.0	20.6	69.2	15.839	13.8	0.0	0.0	0.0	7.0
30	13.5	27.0	18.9	74.2	16.136	14.1	0.0	0.0	0.0	5.1
31	11.5	27.0	20.6	70.3	16.675	14.6	0.0	0.0	0.0	7.4
PROM.	11.4	27.5	19.3	76.0	16.727	14.6	0.0	6.9	6.9	200.7

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.6	28.0	20.1	78.4	17.886	15.6	0.0	0.0	0.0	5.8
2	11.8	28.6	19.6	73.9	16.054	14.0	0.0	0.1	0.1	7.0
3	10.0	30.0	20.3	67.3	14.151	11.6	0.0	0.0	0.0	5.7
4	9.0	29.5	20.8	67.6	14.844	12.1	0.0	0.0	0.0	8.5
5	10.2	30.0	18.9	71.6	14.486	12.4	1.5	1.0	2.5	4.5
6	13.0	27.9	18.8	85.4	18.348	16.1	0.0	4.7	4.7	5.1
7	11.8	26.0	18.8	71.9	14.846	12.8	10.0	0.0	10.0	1.6
8	12.4	28.8	20.6	70.6	15.542	13.2	0.0	0.0	0.0	7.9
9	11.5	29.5	20.8	76.7	17.846	15.6	0.0	0.0	0.0	6.5
10	14.5	28.8	20.1	80.5	18.256	15.9	0.0	0.0	0.0	5.2
11	11.0	27.5	18.4	81.5	16.902	14.8	2.0	0.0	2.0	4.6
12	12.8	27.0	18.5	83.5	17.431	15.2	0.8	5.0	5.8	1.3
13	12.5	27.0	19.4	76.5	16.292	14.1	0.0	0.0	0.0	5.9
14	11.7	28.0	19.3	73.8	15.414	13.3	0.0	0.0	0.0	5.6
15	12.1	26.5	18.5	82.6	17.328	15.1	0.0	0.0	0.0	4.5
16	15.1	27.0	19.7	81.9	18.437	16.2	6.8	1.3	8.1	4.4
17	13.0	27.0	20.0	77.3	17.287	15.2	0.0	1.4	1.4	4.6
18	11.4	28.1	18.8	72.4	14.476	12.4	0.0	0.0	0.0	7.3
19	10.6	26.5	18.9	78.1	16.417	14.3	0.0	2.1	2.1	4.7
20	12.8	27.0	19.9	78.8	17.703	15.5	0.0	0.3	0.3	4.8
21	14.0	27.2	19.7	76.2	16.987	14.9	0.0	0.0	0.0	3.6
22	11.6	27.0	18.8	74.4	15.026	12.9	0.0	0.0	0.0	2.9
23	9.9	27.1	20.5	68.1	15.087	13.0	0.0	1.3	1.3	5.3
24	10.2	28.0	19.5	73.9	15.867	13.7	0.0	0.0	0.0	3.5
25	11.4	29.0	20.1	68.6	14.681	12.4	0.0	0.0	0.0	3.7
26	10.6	28.3	20.8	72.9	16.824	14.6	0.0	11.0	11.0	4.3
27	11.5	27.5	20.0	72.1	15.645	13.5	0.0	3.6	3.6	0.6
28	10.4	30.0	20.1	74.7	16.097	13.7	0.0	2.1	2.1	2.9
PROM.	11.8	28.0	19.6	75.4	16.291	14.1	21.1	33.9	55.0	132.3

ESTACION: BERTHA MUNICIPIO: MONIQUIRA AÑO: 1.977

ALTITUD: 1.700 LATITUD: 5-52 N. LONGITUD: 73-24 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.8	27.0	18.8	79.9	16.680	14.5	0.0	0.0	0.0	1.9
2	13.0	28.0	19.0	73.3	15.487	13.5	1.8	0.0	1.8	4.7
3	12.0	29.0	20.6	76.1	18.176	15.9	0.0	0.0	0.0	5.8
4	11.6	28.0	19.8	69.3	15.070	13.0	0.0	0.0	0.0	7.1
5	11.1	29.0	20.0	67.8	14.880	12.9	0.0	0.0	0.0	4.2
6	11.3	28.3	21.6	55.8	12.976	10.8	0.0	1.4	1.4	2.2
7	11.0	29.6	21.2	50.5	11.328	8.8	0.0	0.0	0.0	6.9
8	12.0	29.5	20.4	57.7	13.647	11.3	0.0	0.0	0.0	6.5
9	15.0	28.5	19.2	77.1	17.191	15.1	0.0	1.8	1.8	0.9
10	10.0	31.0	22.0	56.4	13.430	11.2	0.0	0.0	0.0	8.6
11	17.0	30.5	22.4	60.6	15.935	13.4	0.0	0.0	0.0	0.0
12	12.8	30.0	20.7	72.0	16.424	14.1	0.0	0.0	0.0	5.3
13	12.6	29.4	21.7	64.2	15.139	13.1	0.0	0.0	0.0	5.5
14	15.0	26.1	20.2	74.7	17.196	15.1	0.0	0.0	0.0	2.4
15	15.6	28.0	20.2	78.9	17.875	15.6	0.0	11.5	11.5	3.1
16	14.6	24.8	18.5	84.3	17.992	15.8	20.0	0.3	20.3	2.3
17	15.0	26.5	18.8	80.1	17.167	15.1	0.0	0.0	0.0	8.2
18	13.3	27.5	19.7	78.6	17.388	15.3	0.0	5.5	5.5	4.5
19	15.0	28.0	18.[illegible]	76.4	16.082	13.9	0.9	0.0	0.9	4.0
20	12.3	30.0	21.3	69.8	16.017	13.6	0.0	0.0	0.0	3.8
21	13.6	29.6	21.0	78.5	18.508	16.1	0.9	1.6	2.5	5.8
22	13.3	27.0	20.0	78.6	17.609	15.4	0.0	1.2	1.2	2.8
23	14.4	26.5	20.8	75.0	18.224	16.0	1.9	0.0	1.9	4.2
24	14.0	27.0	20.2	77.0	17.643	15.5	0.0	0.0	0.0	6.6
25	12.8	29.0	20.6	72.9	16.475	14.3	0.0	0.4	0.4	4.7
26	14.0	27.0	20.2	76.2	17.574	15.4	0.0	0.0	0.0	5.1
27	13.3	29.0	20.0	72.4	16.432	14.4	19.5	18.2	37.7	6.0
28	14.4	25.0	17.6	83.9	17.107	15.1	23.4	3.7	27.1	0.6
29	11.0	27.0	19.9	82.1	18.508	16.0	0.0	2.9	2.9	7.9
30	15.0	27.0	20.4	75.6	17.373	15.2	0.0	0.0	0.0	5.8
31	14.7	26.5	19.5	77.2	16.977	14.9	0.0	0.0	0.0	7.4
PROM.	13.3	28.0	20.2	72.7	16.404	14.2	68.4	48.5	116.9	144.8

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.4	26.0	17.5	82.9	16.500	14.5	0.0	0.0	0.0	5.1
2	12.2	27.1	19.5	69.9	15.039	13.0	0.0	0.0	0.0	6.6
3	12.8	26.3	19.8	64.7	14.182	12.1	0.0	2.2	2.2	5.1
4	14.8	23.0	17.8	81.9	16.454	14.4	0.1	0.0	0.1	2.8
5	13.8	25.3	17.1	87.0	17.209	15.1	0.0	0.0	0.0	1.8
6	13.3	26.5	19.5	80.2	17.683	15.4	11.6	4.5	16.1	4.3
7	14.0	26.0	18.8	82.0	17.686	15.5	25.1	2.8	27.9	2.8
8	15.0	26.0	19.0	83.9	18.297	16.1	1.9	0.0	1.9	4.3
9	12.0	27.0	19.8	79.5	17.591	15.3	0.2	3.7	3.9	4.8
10	12.8	27.0	19.7	79.6	17.554	15.4	0.0	0.8	0.8	5.9
11	14.3	27.0	20.9	75.5	17.681	15.5	0.0	0.0	0.0	3.3
12	15.0	25.5	20.0	80.0	18.225	16.0	0.0	0.0	0.0	0.4
13	13.0	29.3	20.7	78.1	18.164	15.8	0.0	6.5	6.5	9.3
14	12.0	27.0	19.5	84.3	18.751	16.4	1.1	0.0	1.1	2.1
15	13.6	29.5	20.9	75.6	17.937	15.7	0.0	0.0	0.0	8.5
16	11.6	28.5	19.7	78.1	17.162	15.0	1.4	0.4	1.8	6.5
17	15.6	27.0	19.4	80.9	18.084	15.9	2.3	1.2	3.5	4.0
18	12.6	27.0	19.3	80.8	17.730	15.4	1.5	0.0	1.5	6.2
19	13.3	29.0	21.0	72.9	16.911	14.6	0.0	0.0	0.0	4.9
20	13.0	27.5	20.7	73.9	18.068	15.8	0.0	0.5	0.5	4.0
21	14.8	25.5	19.6	83.0	18.573	16.2	0.0	16.7	16.7	1.0
22	14.4	27.0	21.7	68.8	16.922	14.9	0.0	2.3	2.3	4.2
23	15.1	26.5	20.1	82.8	19.453	17.1	0.1	1.0	1.1	1.5
24	15.6	26.0	19.5	79.8	17.905	15.7	3.1	0.0	3.1	2.0
25	16.0	26.5	21.3	76.6	19.056	16.7	0.0	3.2	3.2	6.5
26	14.8	24.0	18.4	82.3	17.466	15.3	0.0	0.0	0.0	1.7
27	13.6	26.0	20.3	75.0	17.566	15.5	0.0	0.0	0.0	1.3
28	16.0	24.0	19.0	80.0	17.405	15.3	0.0	3.3	3.3	5.4
29	15.1	26.0	19.5	80.4	18.129	16.0	14.4	3.8	18.2	6.5
30	14.6	24.5	17.9	85.3	17.631	15.5	0.0	0.0	0.0	2.7
PROM.	14.0	26.5	19.6	78.9	17.567	15.4	62.8	52.9	115.7	123.5

ESTACION: BERTHA MUNICIPIO: MONIQUIRA AÑO: 1.977

ALTITUD: 1.700 LATITUD: 5-52 N. LONGITUD: 73-24 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.0	27.5	19.6	74.9	17.006	14.9	0.0	0.0	0.0	7.7
2	14.4	28.0	20.6	78.3	18.656	16.4	0.0	0.0	0.0	7.6
3	13.3	29.0	20.9	69.5	16.106	13.9	0.0	0.0	0.0	9.3
4	13.3	28.0	19.8	76.9	17.303	15.1	4.7	10.0	14.7	5.6
5	14.0	26.0	19.7	79.9	18.122	15.9	2.7	2.7	5.4	2.4
6	16.0	25.5	19.1	87.1	19.177	16.9	0.3	4.3	4.6	3.0
7	15.6	27.0	19.0	85.4	19.164	16.8	8.9	0.5	9.4	5.7
8	15.0	28.0	20.1	76.7	17.694	15.5	0.2	0.0	0.2	4.1
9	14.4	28.0	18.6	82.2	17.479	15.4	0.0	0.0	0.0	3.3
10	12.8	26.0	19.3	82.0	18.126	15.9	5.2	0.6	5.8	4.0
11	14.8	25.3	18.6	84.7	17.980	15.8	1.7	0.0	1.7	2.0
12	14.0	26.0	18.6	80.3	16.968	14.9	0.0	0.0	0.0	4.6
13	11.0	26.3	19.3	77.1	16.323	14.0	1.5	0.5	2.0	2.8
14	14.8	23.6	17.6	90.5	18.350	16.1	1.6	0.8	2.4	0.4
15	13.8	25.0	18.3	83.2	17.149	14.9	6.8	9.5	16.3	1.9
16	15.1	25.5	18.6	83.5	17.692	15.5	0.3	0.0	0.3	3.8
17	15.0	27.3	19.5	81.7	18.561	16.3	0.7	0.0	0.7	6.0
18	12.3	28.0	19.8	78.7	17.245	14.9	0.3	0.6	0.9	5.5
19	13.3	28.0	19.8	82.3	19.023	16.7	1.8	0.4	2.2	7.5
20	15.4	27.0	20.9	70.0	16.535	14.5	0.0	0.0	0.0	3.3
21	14.4	25.0	18.3	83.8	18.363	16.1	9.1	0.0	9.1	1.3
22	13.0	25.5	19.4	84.3	18.713	16.4	3.1	1.3	4.4	3.3
23	14.5	21.0	16.6	87.9	17.023	15.0	1.2	0.0	1.2	0.2
24	11.3	26.0	18.8	83.4	17.868	15.7	0.1	1.1	1.2	4.5
25	14.6	23.5	17.2	92.0	18.403	16.2	1.9	0.0	1.9	0.5
26	10.0	26.4	18.3	85.3	17.784	15.5	2.8	1.0	3.8	4.5
27	15.1	21.0	17.8	94.8	19.603	17.2	1.7	0.0	1.7	0.1
28	14.0	24.0	18.9	86.1	18.925	16.6	0.0	0.0	0.0	2.3
29	14.8	26.0	19.9	79.7	18.558	16.3	0.3	0.0	0.3	1.6
30	13.3	25.5	18.3	84.6	17.985	15.8	0.0	0.0	0.0	3.6
31	11.0	25.0	17.3	84.1	16.637	14.5	1.5	8.1	9.6	3.2
PROM.	13.8	25.9	19.0	82.3	17.888	15.7	58.4	41.4	99.8	115.6

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.0	22.5	16.2	88.6	16.437	14.4	0.0	5.0	5.0	4.2
2	15.0	23.5	16.7	86.2	16.616	14.6	0.0	0.0	0.0	0.5
3	13.1	24.5	18.3	88.1	18.784	16.5	14.0	0.0	14.0	4.0
4	10.0	25.0	17.4	89.6	17.922	15.7	1.0	0.0	1.0	4.1
5	12.0	25.0	18.3	88.0	18.375	16.1	0.0	0.0	0.0	3.8
6	14.8	27.0	19.4	78.3	17.079	14.9	0.0	0.0	0.0	2.8
7	15.0	25.1	18.9	83.6	18.434	16.2	0.5	0.0	0.5	0.7
8	14.3	25.0	19.0	81.5	17.686	15.6	0.0	4.0	4.0	3.7
9	12.6	25.6	19.3	83.5	18.536	16.3	0.0	0.0	0.0	4.3
10	14.0	25.0	18.2	85.1	18.161	15.9	3.0	0.0	3.0	3.8
11	11.6	26.4	19.5	79.0	18.001	15.8	0.0	13.0	13.0	5.7
12	14.0	22.0	17.4	85.2	16.987	14.9	16.0	1.0	17.0	3.5
13	15.0	20.0	17.4	95.8	19.279	16.9	3.0	3.0	6.0	0.5
14	13.6	26.0	19.2	82.1	17.934	15.8	2.0	0.0	2.0	2.6
15	13.1	27.5	19.7	77.5	17.235	15.1	0.0	0.0	0.0	3.8
16	13.0	24.5	17.6	87.9	18.018	15.9	0.0	2.0	2.0	1.9
17	13.0	27.3	18.8	76.5	16.143	14.1	4.0	0.0	4.0	3.3
18	12.2	27.8	18.1	79.7	16.348	14.3	12.0	0.0	12.0	4.7
19	13.0	25.0	17.8	84.2	17.240	15.2	8.0	0.0	8.0	3.5
20	11.8	24.0	17.5	84.6	17.101	15.0	19.0	0.0	19.0	0.5
21	12.6	24.4	17.7	84.5	16.957	14.8	0.0	0.0	0.0	1.7
22	12.4	27.0	19.1	74.7	15.977	13.8	0.0	0.0	0.0	6.3
23	11.1	27.0	19.6	74.8	16.826	14.7	0.0	0.0	0.0	5.1
24	13.6	28.0	19.6	79.8	18.256	16.1	0.0	0.0	0.0	1.4
25	13.0	28.3	20.3	73.1	16.192	14.0	0.0	12.0	12.0	4.4
26	11.6	25.4	17.3	81.8	16.052	14.0	11.0	0.0	11.0	1.7
27	11.0	26.0	18.6	77.9	16.087	13.9	0.0	1.0	1.0	1.4
28	13.0	26.3	19.7	75.8	16.520	14.4	0.0	0.0	0.0	0.8
29	12.6	24.4	17.9	81.2	16.137	14.1	0.0	0.0	0.0	3.1
30	12.0	25.5	18.0	82.7	17.706	15.6	7.2	1.3	8.5	3.8
PROM.	12.9	25.4	18.4	82.4	17.301	15.2	100.7	42.3	143.0	91.6

ESTACION: BERTHA MUNICIPIO: MONIQUIRA AÑO: 1.977

ALTITUD: 1.700 LATITUD: 5-52 N. LONGITUD: 73-24 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	24.0	18.0	82.5	17.111	15.0	7.2	3.6	10.8	1.6
2	10.5	28.5	20.2	70.7	16.136	14.0	0.0	0.0	0.0	8.2
3	10.8	27.5	18.5	74.1	15.761	13.7	7.2	0.0	7.2	8.2
4	13.3	25.6	18.1	88.5	18.246	16.0	2.4	0.0	2.4	5.6
5	10.5	26.0	17.5	79.0	15.462	13.4	26.2	0.0	26.2	4.8
6	13.0	24.0	17.4	85.3	16.628	14.6	7.2	0.0	7.2	2.3
7	13.5	24.5	17.6	78.2	16.165	14.2	3.8	0.0	3.8	3.0
8	12.0	25.5	18.4	78.9	16.309	14.3	0.0	0.0	0.0	6.6
9	11.4	26.0	17.0	80.4	15.353	13.4	10.1	0.0	10.1	5.7
10	12.8	25.0	15.9	89.9	16.520	14.5	0.5	0.0	0.5	4.8
11	9.5	26.5	18.8	72.2	14.721	12.6	0.3	0.0	0.3	9.6
12	10.0	27.0	18.0	75.6	14.884	12.8	1.2	0.0	1.2	6.6
13	10.0	26.5	18.9	76.1	15.731	13.5	0.0	0.0	0.0	8.3
14	11.4	27.0	19.5	78.0	16.944	14.7	0.8	0.1	0.9	7.5
15	13.0	26.3	18.7	79.4	16.916	14.8	5.9	0.1	6.0	2.7
16	13.5	25.5	17.8	82.6	16.888	14.9	19.7	0.0	19.7	3.6
17	11.0	27.0	20.8	58.3	12.654	10.3	0.0	0.0	0.0	6.9
18	11.5	26.0	20.0	69.8	15.617	13.6	0.0	0.3	0.3	3.1
19	11.0	27.0	18.6	79.0	16.406	14.3	8.0	0.4	8.4	10.3
20	12.6	26.0	19.9	69.3	15.046	12.8	0.1	0.0	0.1	8.1
21	10.6	28.0	20.9	50.9	11.745	9.2	0.0	0.0	0.0	10.6
22	11.6	27.0	21.3	53.6	13.074	10.9	9.8	0.0	9.8	8.6
23	10.5	26.3	17.1	78.7	14.728	12.7	19.2	0.0	19.2	6.8
24	12.8	25.7	20.3	66.7	14.470	12.3	0.0	0.6	0.6	4.0
25	14.4	26.4	19.7	80.5	17.750	15.4	2.5	3.2	5.7	4.2
26	13.1	26.5	19.9	78.2	17.677	15.5	0.4	15.0	15.4	7.7
27	13.5	23.3	17.4	78.2	15.151	13.0	7.9	0.0	7.9	2.2
28	12.8	26.1	19.4	73.9	16.004	13.9	0.0	0.0	0.0	7.3
29	15.8	25.5	20.5	44.1	10.648	7.8	0.0	0.0	0.0	6.8
30	10.6	26.0	19.5	67.6	13.869	11.6	0.0	0.0	0.0	5.0
31	14.8	24.5	19.7	93.0	21.126	18.3	14.7	0.2	14.9	2.0
PROM.	12.2	26.0	18.9	74.6	15.669	13.5	155.1	23.5	178.6	182.7

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	25.3	19.0	83.3	18.386	16.1	0.0	0.0	0.0	5.3
2	13.6	25.0	19.1	80.5	17.184	15.1	0.0	0.0	0.0	3.1
3	12.0	26.8	17.7	74.7	15.124	13.1	0.0	0.0	0.0	5.8
4	12.6	25.0	17.9	83.8	17.092	15.0	11.9	3.9	15.8	3.4
5	14.4	23.7	18.2	88.6	18.304	16.1	3.0	1.1	4.1	3.8
6	13.2	25.0	18.2	83.1	17.199	15.1	8.0	0.0	8.0	2.1
7	14.2	21.3	17.1	89.2	17.523	15.4	0.9	0.0	0.9	0.0
8	11.3	23.8	16.9	91.6	17.848	15.5	7.2	0.0	7.2	3.2
9	10.0	23.5	16.8	89.3	16.741	14.5	0.7	2.0	2.7	3.4
10	13.3	24.0	18.5	82.2	17.046	14.9	0.9	0.0	0.9	2.8
11	10.4	25.5	17.7	80.4	15.666	13.6	0.6	0.0	0.6	6.7
12	12.8	26.5	19.0	78.2	16.525	14.4	0.9	0.0	0.9	6.4
13	12.4	26.9	18.9	79.0	16.636	14.5	0.0	0.0	0.0	7.2
14	12.4	26.0	18.6	76.9	16.155	14.1	10.8	0.0	10.8	1.4
15	13.2	25.3	18.1	83.8	17.372	15.3	5.9	1.4	7.3	2.5
16	13.1	25.0	18.0	76.2	14.986	12.8	0.0	0.0	0.0	0.3
17	12.7	26.6	19.1	73.8	15.342	13.2	0.0	0.0	0.0	8.3
18	12.4	25.6	19.1	79.0	16.751	14.6	0.8	0.1	0.9	6.5
19	12.8	27.0	19.6	72.5	15.612	13.4	0.0	0.0	0.0	4.6
20	13.6	25.1	18.4	76.4	16.348	14.3	42.3	0.4	42.7	2.5
21	15.1	23.5	18.2	83.1	17.254	15.2	6.1	0.0	6.1	0.5
22	13.3	27.0	19.8	60.5	13.457	11.3	0.0	0.0	0.0	5.6
23	8.4	28.2	18.9	64.0	12.608	10.4	0.0	0.0	0.0	9.7
24	10.0	28.5	20.8	61.5	14.289	12.0	0.0	0.0	0.0	9.9
25	9.8	25.6	16.9	77.0	14.628	12.6	0.0	0.0	0.0	2.5
26	9.8	26.0	18.2	75.8	15.221	13.1	7.2	1.3	8.5	3.5
27	10.3	26.0	18.3	77.1	15.364	13.2	0.0	0.0	0.0	7.8
28	10.4	28.3	20.8	59.5	13.830	11.5	0.0	0.0	0.0	5.5
29	10.7	27.8	21.0	76.3	18.692	16.4	0.0	1.0	1.0	3.8
30	14.6	26.8	19.5	72.6	15.739	13.6	10.2	17.5	27.7	3.3
31	12.4	25.2	19.8	60.4	12.926	10.5	0.0	0.0	0.0	2.0
PROM.	12.3	25.7	18.6	77.1	16.060	13.9	117.4	28.7	146.1	134.7

ESTACION: BERTHA MUNICIPIO: MONIQUIRA AÑO: 1.977

ALTITUD: 1.700 LATITUD: 5-52 N. LONGITUD: 73-24 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.8	26.1	19.3	68.8	15.119	13.1	0.0	0.0	0.0	3.2
2	12.0	27.0	20.7	64.1	14.720	12.6	0.0	0.0	0.0	4.5
3	13.0	29.2	19.1	74.8	16.252	14.2	4.0	0.0	4.0	5.1
4	10.3	27.8	18.3	75.0	14.853	12.7	0.3	0.9	1.2	5.4
5	13.1	26.5	18.7	65.0	13.281	11.1	0.0	0.2	0.2	4.4
6	13.8	25.0	19.7	53.2	11.931	9.5	0.0	0.0	0.0	5.4
7	11.3	27.5	20.7	61.0	14.698	12.5	0.0	0.0	0.0	5.9
8	10.8	27.5	18.2	77.7	15.226	13.0	11.0	0.0	11.0	2.6
9	11.0	27.0	19.7	75.9	16.794	14.7	1.1	0.0	1.1	1.2
10	13.1	26.5	19.8	59.4	13.215	11.1	0.1	0.0	0.1	0.4
11	13.0	26.3	19.2	64.9	13.471	11.3	0.0	0.0	0.0	1.5
12	12.3	26.3	18.6	78.0	16.488	14.4	0.5	0.3	0.8	3.5
13	14.6	24.0	19.3	77.3	16.971	14.9	0.0	26.0	26.0	3.8
14	14.0	25.0	18.5	74.6	15.801	13.8	2.5	0.0	2.5	3.7
15	12.8	26.0	19.3	79.8	17.343	15.2	0.0	0.0	0.0	5.3
16	13.8	26.1	17.7	75.7	14.855	12.8	6.3	0.0	6.3	1.8
17	13.0	27.8	18.8	74.7	15.438	13.4	0.7	19.0	19.7	7.9
18	11.8	26.3	18.8	72.0	14.916	12.7	3.0	14.2	17.2	3.8
19	13.7	26.8	20.5	78.0	18.064	15.8	0.1	15.2	15.3	5.3
20	13.3	27.0	17.9	80.7	16.477	14.4	14.7	0.0	14.7	4.8
21	13.0	24.8	18.1	83.5	17.135	15.0	0.0	0.0	0.0	3.2
22	14.8	23.0	17.9	88.7	18.052	15.9	8.2	44.9	53.1	1.5
23	14.1	23.0	18.1	89.0	18.562	16.3	3.9	0.0	3.9	1.3
24	13.0	26.0	18.0	83.1	17.085	15.0	7.4	5.0	12.4	6.5
25	13.6	26.6	18.7	77.1	16.023	14.0	1.9	23.6	25.5	3.7
26	13.7	24.8	18.7	83.5	18.162	16.0	0.2	0.0	0.2	1.5
27	14.8	21.9	18.1	84.9	17.571	15.5	1.1	12.7	13.8	2.7
28	15.6	23.0	18.5	83.5	17.848	15.7	6.3	9.9	16.2	0.0
29	15.1	24.5	17.9	82.7	17.158	15.1	5.1	0.0	5.1	2.4
30	11.8	25.6	19.2	76.4	16.572	14.5	0.0	25.4	25.4	5.6
PROM.	13.1	25.8	18.9	75.4	16.003	13.9	78.4	197.3	275.7	107.9

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.3	21.0	17.8	90.5	18.366	16.1	2.1	2.4	4.5	3.7
2	14.8	24.0	18.6	81.1	17.271	15.2	0.0	0.0	0.0	3.9
3	14.0	26.6	20.6	76.8	18.246	16.0	0.0	6.1	6.1	7.1
4	14.6	27.5	20.2	78.4	18.152	16.0	0.0	2.5	2.5	5.1
5	13.6	26.0	18.9	80.7	17.162	15.0	0.4	0.4	0.8	4.3
6	13.0	26.0	19.2	78.8	16.818	14.6	8.7	14.3	23.0	2.9
7	14.3	25.8	19.4	81.1	18.282	16.1	0.6	1.8	2.4	4.9
8	15.6	25.3	18.6	79.4	16.711	14.6	17.5	0.1	17.6	1.8
9	15.4	26.6	18.9	81.6	17.992	15.8	5.7	0.1	5.8	1.7
10	15.6	24.5	18.6	86.7	18.458	16.2	6.9	1.8	8.7	3.5
11	15.0	25.5	18.6	84.8	18.319	16.1	0.0	0.0	0.0	2.6
12	15.1	25.0	18.8	77.7	17.142	15.1	0.0	0.0	0.0	1.9
13	14.6	24.0	19.0	79.3	16.971	14.9	0.0	0.0	0.0	1.5
14	13.8	26.3	19.2	73.4	15.598	13.6	0.0	0.0	0.0	2.9
15	13.8	26.4	20.6	74.3	17.411	15.3	0.0	0.0	0.0	5.5
16	14.1	27.2	19.5	76.6	16.990	14.8	0.0	0.0	0.0	5.3
17	13.2	26.0	18.8	83.5	17.912	15.7	2.1	0.6	2.7	2.9
18	15.6	26.0	20.6	77.1	18.213	16.0	0.0	1.1	1.1	2.1
19	14.3	26.0	18.0	88.4	18.690	16.6	12.7	0.9	13.6	2.8
20	15.2	27.0	19.3	75.6	16.492	14.3	2.6	0.5	3.1	1.9
21	12.8	28.0	20.1	72.8	15.979	13.9	1.8	0.8	2.6	5.1
22	13.2	26.0	18.7	77.9	16.101	13.9	0.5	3.1	3.6	2.8
23	14.7	27.0	17.8	82.0	17.588	15.4	0.1	0.0	0.1	5.8
24	14.1	25.5	18.9	82.0	17.832	15.7	0.2	0.4	0.6	6.0
25	14.4	26.5	19.2	78.5	16.934	14.8	0.2	1.7	1.9	5.1
26	14.0	25.0	18.7	84.3	18.445	16.2	2.1	0.0	2.1	1.9
27	13.1	26.5	18.5	84.2	17.572	15.4	25.2	3.9	29.1	4.1
28	14.2	23.0	17.8	89.5	18.118	15.9	0.0	0.0	0.0	0.0
29	14.1	24.8	19.0	85.3	18.383	16.1	0.5	6.6	7.1	2.8
30	15.8	26.0	19.5	79.2	18.156	16.0	13.8	12.4	26.2	1.6
31	14.5	26.5	20.9	73.2	17.681	15.5	0.2	34.2	34.4	3.4
PROM.	14.3	25.7	19.1	80.5	17.554	15.4	103.9	95.7	199.6	106.9

ESTACION: BERTHA MUNICIPIO: MONIQUIRA AÑO: 1.977

ALTITUD: 1.700 LATITUD: 5-52 N. LONGITUD: 73-24 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1		26.0	19.2	72.3	15.953	13.8	3.7	10.2	13.9	3.2
2		26.5	19.3	81.1	18.532	16.3	0.3	0.0	0.3	1.3
3		25.5	16.9	74.2	14.241	12.2	0.2	5.4	5.6	2.9
4		25.0	19.5	76.3	16.500	14.0	3.7	3.5	7.2	2.6
5		26.5	20.7	79.5	19.103	16.7	0.0	8.6	8.6	2.3
6		25.5	19.4	74.9	16.860	14.8	5.8	8.1	13.9	3.1
7		25.0	20.1	86.2	19.615	17.0	0.5	0.2	0.7	2.3
8		25.5	19.2	78.8	17.464	15.3	0.0	2.3	2.3	5.1
9	14.8	25.5	19.6	78.6	17.537	15.5	0.0	0.0	0.0	1.0
10	15.6	25.0	18.6	85.1	18.483	16.2	6.3	1.6	7.9	1.2
11	14.8	25.0	18.8	78.9	16.700	14.5	1.0	2.2	3.2	0.0
12	14.8	24.0	19.4	78.3	17.614	15.5	0.0	0.0	0.0	2.5
13	15.1	24.1	19.4	73.7	16.221	14.1	0.0	0.0	0.0	0.4
14	15.3	26.0	18.9	81.7	17.696	15.6	1.4	2.9	4.3	3.5
15	15.0	21.6	16.6	85.7	16.551	14.6	0.0	0.3	0.3	0.2
16	13.7	26.0	19.4	80.0	17.719	15.6	0.4	24.6	25.0	3.6
17	14.3	25.0	18.0	80.3	16.533	14.5	0.0	0.0	0.0	3.8
18	14.6	25.5	18.7	79.4	16.808	14.7	0.0	0.1	0.1	8.2
19	15.6	25.5	18.1	79.2	16.588	14.5	0.0	0.0	0.0	8.6
20	12.8	25.0	17.8	76.3	15.798	13.8	0.0	0.0	0.0	7.5
21	12.7	25.6	17.5	73.1	14.004	11.8	0.0	6.3	6.3	7.1
22	14.3	26.4	19.4	78.2	17.379	15.3	0.0	0.0	0.0	5.5
23	12.4	26.5	19.2	75.9	16.242	14.1	0.1	0.1	0.2	5.4
24	12.8	26.3	19.8	80.4	18.090	15.8	0.9	0.0	0.9	6.3
25	12.0	25.0	18.8	79.8	16.705	14.5	1.8	1.9	3.7	4.4
26	12.0	25.0	18.1	78.9	16.008	14.0	0.0	0.0	0.0	6.4
27	12.6	26.0	17.4	79.1	15.359	13.4	2.3	13.2	15.5	5.2
28	12.0	26.6	18.4	78.3	16.022	14.0	0.0	0.2	0.2	6.3
29	10.3	27.0	18.5	75.3	14.775	12.5	0.0	0.0	0.0	9.2
30	10.1	26.5	19.6	67.6	14.064	11.3	0.0	0.0	0.0	7.8
PROM.		25.5	18.8	78.2	16.705	14.5	28.4	91.7	120.1	126.0

M E S - DICIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	9.1	26.6	18.9	74.7	15.551	13.4	0.0	0.0	0.0	
2	14.3	25.5	18.9	79.3	17.176	15.1	0.0	0.0	0.0	4.7
3	15.4	27.0	19.6	69.6	16.267	14.0	0.0	0.0	0.0	6.3
4	11.3	27.8	21.0	64.9	15.284	13.0	0.0	0.0	0.0	7.2
5	9.3	28.6	20.5	67.7	14.978	12.8	0.1	0.0	0.1	6.4
6	9.6	28.6	20.4	75.2	17.024	14.7	0.0	0.0	0.0	7.7
7	11.8	27.9	20.7	70.6	17.241	15.1	0.0	0.0	0.0	6.2
8	10.6	28.6	20.9	70.4	16.526	14.3	0.0	0.0	0.0	7.1
9	12.3	27.8	19.7	74.0	16.101	14.0	0.3	0.0	0.3	7.3
10	13.4	27.9	20.5	72.1	16.796	14.7	0.0	0.0	0.0	4.8
11	11.3	28.3	18.5	73.0	14.444	12.2	9.7	17.4	27.1	8.6
12	13.1	28.3	19.7	72.5	15.959	14.0	0.0	8.0	8.0	4.8
13	15.1	27.3	20.0	76.9	17.725	15.6	0.0	0.0	0.0	3.2
14	12.0	27.2	18.1	78.4	16.084	14.1	0.0	0.0	0.0	5.6
15	14.8	27.6	20.1	69.0	15.429	13.3	0.0	0.0	0.0	9.2
16	10.4	26.8	18.3	72.6	14.619	12.6	0.0	0.0	0.0	
17	11.3	28.6	18.9	72.4	14.907	12.9	0.0	0.0	0.0	
18	14.3	27.0	19.1	75.9	16.093	14.0	0.0	0.0	0.0	3.3
19	12.8	26.5	18.9	72.3	14.982	12.9	0.0	0.0	0.0	8.5
20	12.6	26.5	19.5	70.6	15.276	13.3	0.0	0.0	0.0	7.9
21	11.3	28.3	20.3	68.3	15.140	13.1	0.0	0.0	0.0	7.4
22	10.4	26.5	19.2	71.7	15.680	13.7	0.0	0.0	0.0	7.1
23	13.8	27.0	19.9	70.4	15.582	13.5	0.0	0.0	0.0	5.3
24	10.0	28.5	19.1	73.2	15.758	13.7	0.0	0.0	0.0	8.4
25	11.7	28.0	20.1	74.4	16.432	14.1	0.0	0.0	0.0	
26	14.5	28.0	19.2	78.2	17.257	15.2	0.0	0.0	0.0	
27	13.6	25.5	18.2	79.1	16.134	14.1	0.0	0.0	0.0	2.9
28	16.1	24.8	19.6	73.6	16.895	14.7	0.0	0.0	0.0	0.9
29	15.3	26.9	20.5	72.3	16.979	14.9	0.0	0.0	0.0	7.2
30	12.6	27.7	19.0	73.2	15.221	13.1	0.0	0.0	0.0	8.2
31	13.7	27.9	19.4	71.4	15.581	13.5	0.0	0.0	0.0	9.1
PROM.	12.5	27.4	19.6	72.8	15.972	13.9	10.1	25.4	35.5	

ESTACION: BERTHA MUNICIPIO MONIQUIRA AÑO: 1.977

ALTITUD: 1.700 LATITUD: 5-52 N. LONGITUD: 73-24 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	11.4	27.5	19.3	6.2	30.0	76.0	16.727	14.6	6.9	2	200.7
FEBRERO	11.8	28.0	19.6	9.0	30.0	75.4	16.291	14.1	55.0	14	132.3
MARZO	13.3	28.0	20.2	10.0	31.0	72.7	16.404	14.2	116.9	14	144.8
ABRIL	14.0	26.5	19.6	11.6	29.5	78.9	17.567	15.4	115.7	20	123.5
MAYO	13.8	25.9	19.0	10.0	29.0	82.3	17.868	15.7	99.8	23	115.6
JUNIO	12.9	25.4	18.4	10.0	28.3	82.4	17.301	15.2	143.0	19	91.6
JULIO	12.2	26.0	18.9	9.5	28.5	74.6	15.669	13.5	178.6	23	182.7
AGOSTO	12.3	25.7	18.6	8.4	28.5	77.1	16.060	13.9	146.1	17	134.7
SEPTIEMBRE	13.1	25.8	18.9	10.3	29.2	75.4	16.003	13.9	275.7	23	107.9
OCTUBRE	14.3	25.7	19.1	12.8	28.0	80.5	17.554	15.4	199.6	23	106.9
NOVIEMBRE		25.5	18.8		27.0	78.2	16.705	14.5	120.1	20	126.0
DICIEMBRE	12.5	27.4	19.6	9.1	28.6	72.8	15.972	13.9	35.5	4	
PROMEDIO		26.5	19.2		29.0	77.2	16.678	14.5			
TOTAL									1492.9	202	

ESTACION: RAFAEL ESCOBAR MUNICIPIO: SUPIA AÑO: 1.977

ALTITUD: 1.330 LATITUD: 5-28 N. LONGITUD: 75-38 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	27.2	21.6	65.7	16.325	14.3	0.0	0.0	0.0	2.0
2	16.8	28.2	22.2	63.9	16.568	14.5	0.0	0.0	0.0	6.1
3	15.9	29.2	22.0	65.5	16.482	14.5	0.0	0.0	0.0	9.2
4	16.2	28.0	22.8	61.5	15.412	13.3	0.0	0.0	0.0	8.3
5	16.2	29.9	22.2	51.3	12.732	10.4	0.0	0.0	0.0	9.0
6	13.3	28.8	21.3	62.7	15.105	13.1	0.0	0.0	0.0	9.3
7	15.6	28.0	21.6	63.4	15.528	13.6	0.0	0.0	0.0	9.7
8	15.0	27.7	22.6	55.9	13.715	11.6	0.0	0.0	0.0	8.5
9	13.6	28.0	21.2	56.9	14.104	12.1	0.0	0.0	0.0	9.0
10	14.0	28.2	20.9	70.7	16.554	14.6	0.0	0.0	0.0	3.0
11	15.0	29.2	21.3	68.5	16.325	14.3	0.0	0.0	0.0	8.1
12	14.2	28.0	21.6	68.0	16.370	14.4	0.0	0.0	0.0	8.5
13	15.0	28.2	21.3	68.0	16.262	14.3	0.0	0.0	0.0	7.5
14	15.6	28.4	21.7	70.0	17.468	15.4	0.0	0.0	0.0	6.3
15	17.2	28.0	22.8	70.4	18.995	16.7	0.0	0.0	0.0	7.8
16	17.6	29.0	23.4	69.0	18.685	16.4	0.0	0.0	0.0	4.7
17	16.6	29.2	22.1	67.1	17.207	15.1	0.0	0.0	0.0	5.8
18	16.8	27.0	20.9	72.1	17.709	15.6	0.0	0.0	0.0	2.4
19	16.0	26.4	22.0	65.1	15.950	13.9	0.0	0.0	0.0	2.9
20	16.2	28.3	22.4	61.9	15.326	13.2	0.0	0.0	0.0	9.8
21	15.0	30.2	22.2	62.5	15.271	13.3	0.0	0.0	0.0	8.1
22	15.2	28.2	22.5	64.8	16.852	14.8	0.0	0.0	0.0	6.3
23	16.3	28.0	21.4	71.6	17.600	15.4	0.0	8.8	8.8	6.2
24	16.5	24.6	20.4	82.7	19.336	16.9	2.6	0.0	2.6	0.2
25	16.3	29.0	22.2	65.9	17.020	15.0	0.0	0.0	0.0	6.9
26	16.3	27.2	21.7	70.0	17.549	15.4	0.0	1.0	1.0	1.3
27	16.6	27.4	22.3	68.6	17.533	15.4	0.0	0.0	0.0	4.9
28	16.5	29.0	21.7	69.8	17.509	15.4	0.0	8.6	8.6	9.0
29	16.2	28.2	21.5	73.3	18.187	16.0	6.1	0.7	6.8	8.1
30	15.7	27.2	21.3	67.5	16.286	14.3	0.0	21.6	21.6	5.1
31	15.1	24.6	19.7	75.6	16.964	14.9	1.8	0.0	1.8	4.5
PROM.	15.7	28.0	21.8	66.8	16.546	14.5	10.5	40.7	51.2	198.5

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	27.2	21.7	75.3	19.207	16.8	0.0	0.0	0.0	6.3
2	15.2	27.2	22.0	69.2	17.169	15.1	0.0	0.2	0.2	9.5
3	16.0	29.9	21.8	62.3	15.624	13.4	0.0	0.0	0.0	10.3
4	16.6	27.2	21.8	66.7	16.677	14.6	0.0	0.0	0.0	2.4
5	15.2	27.6	21.7	71.2	17.484	15.4	0.0	0.0	0.0	5.8
6	16.0	28.8	21.0	73.7	17.939	15.8	1.2	0.0	1.2	3.9
7	15.2	25.1	20.4	80.7	18.898	16.6	0.0	0.0	0.0	1.5
8	16.2	30.2	23.6	65.5	17.331	15.2	0.0	0.0	0.0	9.9
9	16.3	28.2	22.8	66.4	17.902	15.8	0.0	0.0	0.0	2.4
10	18.2	27.1	22.4	74.2	19.511	17.1	0.0	13.1	13.1	5.2
11	16.2	27.0	21.8	73.3	18.536	16.2	0.0	0.1	0.1	2.7
12	16.0	25.0	20.1	78.4	18.288	16.1	0.0	0.1	0.1	1.0
13	16.2	28.2	21.7	69.9	17.370	15.3	0.8	0.0	0.8	5.6
14	17.2	28.0	22.5	68.5	17.912	15.8	0.0	0.1	0.1	4.3
15	16.2	28.0	22.8	68.7	18.123	15.9	0.0	4.0	4.0	9.0
16	16.0	27.2	21.5	71.6	17.571	15.5	0.0	0.8	0.8	3.0
17	16.0	26.2	21.7	67.2	16.514	14.4	0.0	0.1	0.1	1.7
18	15.2	29.3	22.2	59.8	14.708	12.6	0.0	0.0	0.0	7.8
19	16.2	27.2	18.9	80.5	17.903	15.8	2.0	0.0	2.0	0.2
20	14.2	26.2	18.9	75.0	16.270	14.3	0.6	0.0	0.6	2.1
21	15.0	27.0	20.9	69.4	16.310	14.3	0.0	0.0	0.0	5.0
22	17.2	27.2	21.8	66.0	16.545	14.5	0.0	0.0	0.0	2.4
23	15.0	29.2	21.6	63.7	15.681	13.7	0.0	0.0	0.0	6.0
24	17.2	29.2	22.1	69.7	17.920	15.7	0.0	15.1	15.1	3.2
25	15.6	27.0	21.5	65.9	15.802	13.8	0.0	0.0	0.0	0.3
26	17.2	27.2	22.6	68.5	17.965	15.8	0.0	0.0	0.0	1.2
27	16.2	27.2	21.1	67.1	16.140	14.1	0.0	0.0	0.0	1.0
28	15.6	29.0	22.1	68.8	17.272	15.2	0.0	0.0	0.0	4.2
PROM.	16.1	27.6	21.6	69.9	17.306	15.2	4.6	33.6	38.2	117.9

ESTACION: RAFAEL ESCOBAR MUNICIPIO: SUPIA AÑO: 1.977

ALTITUD: 1.330 LATITUD: 5-28 N. LONGITUD: 75-38 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.2	27.1	22.4	64.9	17.357	15.3	0.0	0.0	0.0	2.3
2	16.6	30.0	23.5	65.5	17.674	15.6	0.0	0.0	0.0	5.5
3	16.6	30.0	23.2	67.0	18.362	16.2	0.0	0.0	0.0	5.4
4	16.2	30.2	24.0	63.4	17.606	15.5	0.0	0.0	0.0	6.9
5	16.2	31.7	24.9	57.6	16.765	14.6	0.0	0.0	0.0	8.8
6	18.1	30.0	23.8	60.4	17.257	15.2	0.0	0.0	0.0	4.4
7	16.6	31.2	25.0	59.3	16.948	14.7	0.0	0.0	0.0	4.3
8	17.2	31.2	25.2	52.0	15.780	13.7	0.0	0.0	0.0	3.2
9	17.3	31.2	25.1	52.1	15.722	13.7	0.0	0.0	0.0	5.0
10	18.3	32.2	25.7	52.3	16.431	14.4	0.0	0.0	0.0	6.5
11	18.2	30.0	24.5	66.9	19.842	17.4	0.0	0.0	0.0	1.9
12	17.6	28.3	22.7	71.8	19.371	16.9	0.0	0.0	0.0	3.3
13	17.0	27.2	21.6	69.6	17.087	15.0	0.0	0.3	0.3	3.7
14	16.2	28.0	21.3	70.8	17.200	15.1	0.0	0.0	0.0	1.2
15	15.2	28.8	22.3	66.2	17.101	15.0	0.0	4.6	4.6	0.0
16	15.8	24.6	19.9	72.1	16.424	14.4	0.0	0.0	0.0	0.5
17	16.2	27.1	20.4	70.7	16.600	14.6	0.0	0.0	0.0	2.8
18	15.0	29.8	19.7	78.7	17.815	15.7	8.1	0.0	8.1	0.8
19	14.2	27.0	20.9	75.0	18.120	15.9	0.0	0.0	0.0	5.0
20	17.2	29.0	22.5	69.0	17.829	15.7	0.0	0.0	0.0	3.6
21	17.4	29.5	23.8	58.3	16.563	14.5	0.0	19.8	19.8	6.1
22	17.0	23.3	19.8	80.2	18.180	16.0	0.5	0.0	0.5	0.1
23	17.2	25.6	20.5	73.8	17.439	15.3	0.0	1.7	1.7	3.1
24	16.2	26.2	21.7	69.6	17.256	15.1	0.0	0.0	0.0	5.6
25	17.0	25.4	20.9	73.1	17.900	15.7	0.0	9.1	9.1	2.0
26	16.2	27.6	22.2	68.4	17.447	15.4	0.0	0.0	0.0	3.2
27	17.0	28.2	20.5	74.6	17.945	15.8	0.3	22.4	22.7	3.4
28	16.0	24.8	18.7	83.3	18.308	16.1	0.3	0.1	0.4	0.3
29	16.2	26.2	21.8	71.0	17.695	15.6	0.0	14.1	14.1	6.2
30	16.6	25.1	19.0	82.8	18.044	15.8	10.2	0.0	10.2	2.6
31	15.3	23.2	19.2	77.2	16.647	14.6	0.0	0.0	0.0	1.6
PROM.	16.6	28.1	22.2	68.3	17.442	15.3	19.4	72.1	91.5	109.3

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	27.2	21.2	72.6	17.772	15.6	0.0	24.9	24.9	4.0
2	16.2	26.3	20.5	73.1	17.279	15.1	0.7	0.6	1.3	6.1
3	15.2	27.2	21.0	73.6	17.695	15.6	4.0	0.0	4.0	3.8
4	15.2	23.3	18.2	85.8	17.880	15.7	0.6	0.0	0.6	0.0
5	14.2	26.3	20.4	67.9	15.561	13.6	0.0	0.0	0.0	6.7
6	15.2	27.2	21.4	68.2	16.691	14.7	0.0	0.2	0.2	7.0
7	16.0	27.0	22.1	69.7	17.564	15.5	0.0	0.0	0.0	3.2
8	16.3	28.0	20.7	72.8	17.555	15.4	0.0	0.0	0.0	0.9
9	15.0	27.8	22.3	68.9	17.420	15.4	0.0	0.0	0.0	9.4
10	17.0	29.1	22.9	70.9	18.802	16.5	0.0	0.0	0.0	5.9
11	17.2	30.2	23.5	71.9	19.776	17.3	0.0	0.3	0.3	5.5
12	18.0	24.3	20.9	85.9	21.008	18.3	0.5	0.0	0.5	0.0
13	17.2	28.0	22.4	72.5	18.930	16.6	0.0	0.0	0.0	6.2
14	18.2	26.2	20.9	82.4	20.163	17.6	2.0	0.0	2.0	0.7
15	17.3	29.3	23.8	69.0	19.476	17.1	0.0	0.0	0.0	9.4
16	17.4	25.5	22.1	74.9	19.640	17.2	0.0	0.0	0.0	0.8
17	17.2	25.2	21.0	78.2	18.940	16.6	0.6	0.0	0.6	2.0
18	17.4	28.1	22.4	67.5	17.314	15.2	0.0	0.0	0.0	5.2
19	16.6	25.3	21.2	76.2	18.739	16.5	0.0	0.0	0.0	0.2
20	16.3	27.1	21.8	72.7	18.232	16.0	0.0	0.0	0.0	0.2
21	17.2	24.2	20.4	85.7	20.603	17.9	0.0	0.0	0.0	0.0
22	15.2	27.2	18.4	80.1	17.192	15.1	42.0	0.0	42.0	2.7
23	15.1	20.0	16.1	96.2	17.604	15.5	27.1	1.7	28.8	0.0
24	15.2	24.0	19.4	79.7	17.635	15.5	0.0	0.0	0.0	2.1
25	16.1	27.3	21.4	72.7	18.011	15.9	0.0	1.7	1.7	3.0
26	17.1	26.2	20.2	82.8	19.174	16.8	7.7	7.5	15.2	2.1
27	16.2	26.2	20.0	80.1	18.490	16.3	4.0	0.0	4.0	0.8
28	16.3	24.0	19.4	84.1	18.850	16.6	7.0	8.0	15.0	0.0
29	14.2	25.2	18.2	82.3	17.011	14.9	1.3	0.9	1.3	6.3
30	16.0	24.0	19.3	78.7	17.544	15.4	0.2	2.2	2.4	0.4
PROM.	16.3	26.2	20.8	76.6	18.285	16.0	97.7	47.1	144.8	94.6

ESTACION: RAFAEL ESCOBAR MUNICIPIO: SUPIA AÑO: 1.977

ALTITUD: 1.330 LATITUD: 5-28 N. LONGITUD: 75-38 W.

M E S — MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.1	25.2	20.1	72.1	16.440	14.4	0.0	0.0	0.0	4.9
2	17.2	27.1	21.5	77.1	19.420	17.1	0.0	1.5	1.5	2.6
3	17.6	28.3	21.1	83.1	20.461	17.8	28.1	0.0	28.1	5.6
4	16.0	24.8	18.5	84.3	18.129	16.0	0.0	0.0	0.0	3.9
5	16.2	23.6	18.3	86.3	18.118	15.9	2.2	0.0	2.2	0.4
6	15.2	25.0	21.1	78.9	19.389	16.9	0.0	0.0	0.0	3.6
7	17.1	24.3	20.4	80.2	18.958	16.7	0.0	0.0	0.0	1.9
8	17.0	24.5	20.8	80.7	19.494	17.1	0.0	12.7	12.7	3.5
9	16.0	25.1	20.2	87.7	20.794	18.1	0.0	0.0	0.0	0.4
10	17.0	27.2	21.0	81.2	20.038	17.5	0.1	0.0	0.1	4.6
11	17.3	25.0	21.2	82.9	20.720	18.0	0.0	0.0	0.0	1.1
12	17.2	27.1	22.4	77.2	20.459	17.9	0.0	0.0	0.0	4.1
13	17.2	25.3	21.8	78.6	20.298	17.7	0.0	18.4	18.4	2.2
14	17.1	23.1	18.9	87.0	19.016	16.7	5.5	1.6	7.1	0.0
15	16.0	23.1	17.9	87.8	18.427	16.2	17.7	0.0	17.7	0.8
16	14.2	27.2	20.4	81.9	19.168	16.8	1.9	0.0	1.9	5.1
17	16.0	28.0	21.3	75.7	18.850	16.6	0.0	0.0	0.0	3.3
18	17.0	26.0	21.1	77.8	19.086	16.8	0.0	0.0	0.0	0.8
19	18.2	27.3	22.2	75.7	19.965	17.5	0.0	11.6	11.6	4.8
20	16.2	23.0	19.7	86.8	19.753	17.3	0.4	0.0	0.4	0.0
21	17.0	23.3	20.0	80.6	18.575	16.3	0.0	0.1	0.1	3.0
22	16.0	24.2	18.8	84.5	18.707	16.4	11.0	1.5	12.5	1.3
23	16.3	24.0	18.1	86.2	18.187	16.0	2.5	2.9	5.4	0.6
24	15.2	24.2	19.7	81.2	18.274	16.1	0.0	7.1	7.1	5.4
25	16.1	23.2	18.9	84.5	18.630	16.4	0.3	0.0	0.3	0.4
26	16.3	25.1	20.4	77.3	18.162	16.0	0.0	6.9	6.9	7.2
27	16.0	23.0	19.2	82.9	18.342	16.1	0.0	0.0	0.0	2.7
28	16.0	23.2	18.6	79.6	16.894	14.8	0.9	0.0	0.9	3.6
29	16.0	21.2	18.5	87.7	18.506	16.2	0.0	0.0	0.0	0.0
30	15.0	26.0	21.0	74.9	18.129	15.9	0.0	0.0	0.0	7.9
31	17.0	24.2	19.7	79.0	18.180	16.0	0.0	0.0	0.0	2.3
PROM.	16.4	24.9	20.1	81.3	18.954	16.6	70.6	64.3	134.9	88.0

M E S — JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.1	24.0	17.9	82.1	17.096	15.1	30.1	6.0	36.1	5.6
2	15.0	23.1	18.9	82.4	17.796	15.7	0.0	0.0	0.0	2.7
3	16.2	24.6	20.1	77.3	17.939	15.8	2.4	0.0	2.4	6.6
4	15.3	24.0	20.1	76.6	17.747	15.6	0.0	0.0	0.0	5.3
5	16.2	25.2	20.8	82.4	20.020	17.5	0.0	0.0	0.0	6.5
6	15.6	24.4	19.6	83.2	18.746	16.5	0.1	4.9	5.0	1.8
7	16.0	23.5	19.0	81.8	17.839	15.7	2.2	36.3	38.5	2.6
8	14.2	23.3	18.6	83.2	17.491	15.4	0.9	0.0	0.9	6.9
9	15.2	24.2	20.1	75.6	17.386	15.3	0.0	0.0	0.0	8.4
10	16.1	24.4	19.7	74.7	16.981	14.9	0.0	1.4	1.4	5.9
11	14.2	23.8	18.9	79.1	16.800	14.8	0.0	1.1	1.1	8.5
12	14.5	23.0	18.0	79.8	16.361	14.3	1.2	1.4	2.6	0.2
13	14.6	24.1	19.6	74.5	16.406	14.4	0.0	2.8	2.8	2.8
14	15.1	23.3	19.7	74.0	16.647	14.6	0.0	0.0	0.0	6.8
15	15.6	27.2	21.8	74.4	18.745	16.5	0.0	0.0	0.0	10.7
16	16.0	25.2	20.5	79.7	18.910	16.6	0.0	0.0	0.0	5.4
17	15.6	25.3	20.7	71.0	16.998	14.9	0.0	0.0	0.0	8.2
18	15.6	25.3	20.0	76.6	17.627	15.5	0.3	0.0	0.3	6.4
19	15.0	25.5	20.7	78.1	19.121	16.8	0.0	0.0	0.0	5.7
20	15.6	23.6	19.5	85.2	19.222	16.8	3.2	0.2	3.4	4.0
21	16.0	23.2	18.7	80.6	17.480	15.4	0.0	0.0	0.0	4.0
22	14.8	27.5	20.7	71.8	17.021	15.0	0.0	0.0	0.0	10.1
23	15.0	26.5	20.3	73.0	17.161	15.1	0.0	0.0	0.0	8.0
24	16.2	25.6	20.7	72.4	17.402	15.3	0.0	0.0	0.0	4.6
25	15.0	26.4	21.6	72.9	18.122	16.0	0.0	0.0	0.0	10.9
26	16.8	26.2	20.6	75.2	17.935	15.8	0.0	0.0	0.0	7.0
27	16.0	28.2	22.1	68.5	17.659	15.5	0.0	0.0	0.0	4.6
28	17.0	26.3	20.8	75.8	18.388	16.2	0.0	0.0	0.0	4.3
29	16.1	25.6	19.6	85.8	19.666	17.2	0.6	0.0	0.6	4.9
30	16.2	24.4	19.9	82.1	18.846	16.6	0.1	24.8	24.9	4.3
PROM.	15.5	24.9	20.0	77.7	17.852	15.7	41.1	78.9	120.0	175.7

ESTACION: RAFAEL ESCOBAR MUNICIPIO: SUPIA AÑO: 1.977

ALTITUD: 1.330 LATITUD: 5-28 N. LONGITUD: 75-38 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	26.0	20.2	77.0	17.895	15.7	1.1	0.1	1.2	4.8
2	16.0	27.0	21.1	77.4	18.756	16.5	0.0	0.0	0.0	10.1
3	17.2	26.4	22.2	75.2	19.598	17.2	0.0	0.0	0.0	9.8
4	17.6	27.5	21.4	76.0	18.896	16.6	0.0	0.0	0.0	8.6
5	17.4	26.5	21.2	74.1	18.343	16.1	0.0	13.9	13.9	5.4
6	16.4	25.6	19.7	81.3	18.390	16.2	0.4	95.4	95.8	4.9
7	14.7	24.8	19.4	85.0	18.749	16.4	0.9	0.1	1.0	4.8
8	16.8	24.4	20.7	77.0	18.421	16.2	0.0	0.0	0.0	8.5
9	15.6	24.5	19.2	80.0	17.803	15.6	2.2	0.1	2.3	5.7
10	16.0	25.5	21.4	67.5	16.979	14.8	0.0	0.0	0.0	8.7
11	15.3	28.5	21.7	64.7	16.002	13.9	0.0	0.0	0.0	11.0
12	15.2	23.5	19.4	72.9	16.261	14.2	0.0	0.0	0.0	0.7
13	14.4	28.0	21.6	67.6	16.870	14.8	0.0	0.0	0.0	9.7
14	15.3	25.0	20.2	73.9	17.376	15.3	0.0	0.0	0.0	2.8
15	16.2	24.2	20.1	77.9	18.116	16.0	0.0	7.8	7.8	2.9
16	14.2	25.2	19.6	75.4	16.578	14.6	0.0	0.0	0.0	6.9
17	15.5	26.0	21.1	69.7	17.245	15.1	0.0	0.0	0.0	8.0
18	15.2	26.2	21.1	68.3	16.653	14.6	0.0	0.0	0.0	9.9
19	15.2	26.4	20.8	68.0	16.254	14.2	0.0	23.7	23.7	9.2
20	14.6	24.5	19.4	78.0	17.077	15.0	0.0	0.0	0.0	8.8
21	14.6	27.2	21.9	68.3	16.480	14.3	0.0	0.0	0.0	10.5
22	14.2	26.2	20.4	68.4	15.784	13.8	0.0	0.0	0.0	10.1
23	14.2	26.4	20.7	77.9	18.620	16.4	0.4	5.6	6.0	9.8
24	14.3	23.2	18.9	78.1	16.745	14.7	0.0	0.0	0.0	3.9
25	15.2	25.2	19.3	74.3	16.558	14.6	0.0	0.0	0.0	4.7
26	16.8	24.0	20.1	83.2	19.384	17.0	0.1	17.4	17.5	3.4
27	14.1	22.2	18.3	79.3	16.482	14.5	0.4	0.0	0.4	3.3
28	14.0	27.3	22.0	66.6	16.151	14.0	0.0	0.0	0.0	10.8
29	15.4	27.3	21.0	67.5	16.874	14.6	0.0	0.0	0.0	10.4
30	15.2	26.2	20.6	66.1	15.536	13.5	0.0	0.7	0.7	10.2
31	16.2	23.2	19.6	79.7	17.871	15.7	0.6	16.2	16.8	3.9
PROM.	15.4	25.6	20.5	74.1	17.379	15.2	6.1	181.0	187.1	222.2

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.3	23.5	19.2	80.8	17.736	15.6	0.4	0.0	0.4	4.4
2	14.1	25.0	20.1	74.9	17.181	15.1	0.0	0.0	0.0	8.0
3	14.6	24.2	20.1	70.9	16.242	14.2	0.0	0.1	0.1	8.1
4	16.3	25.3	20.2	76.9	17.923	15.8	0.0	0.0	0.0	7.7
5	16.3	24.2	19.9	77.7	18.047	15.9	0.0	0.0	0.0	6.4
6	17.3	24.3	18.7	86.0	18.780	16.5	4.7	11.3	16.0	3.9
7	15.0	22.4	18.0	85.2	17.523	15.4	3.7	0.4	4.1	3.7
8	15.2	23.0	19.5	81.3	18.112	15.9	0.4	1.7	2.1	7.4
9	16.2	24.0	18.8	80.1	17.456	15.4	1.4	12.9	14.3	4.9
10	15.2	25.2	19.8	74.6	16.827	14.8	0.0	0.0	0.0	7.5
11	16.2	26.0	19.8	75.9	17.564	15.4	0.0	0.0	0.0	7.2
12	15.2	26.4	20.0	74.0	16.876	14.8	0.0	7.5	7.5	7.0
13	14.2	25.0	19.5	79.9	17.558	15.4	0.0	4.7	4.7	7.5
14	15.0	24.0	19.7	77.9	17.373	15.3	0.0	0.0	0.0	6.2
15	15.2	24.0	19.8	78.4	17.968	15.8	0.0	3.2	3.2	6.3
16	15.0	24.2	19.2	78.2	17.206	15.1	0.9	0.0	0.9	1.3
17	15.6	25.3	20.2	69.7	16.060	14.1	0.0	3.9	3.9	8.6
18	14.2	24.6	20.0	74.8	17.150	15.1	0.0	0.0	0.0	8.0
19	15.2	25.2	20.2	73.8	17.175	15.1	0.0	35.6	35.6	5.5
20	14.2	24.2	19.3	74.6	16.184	14.2	0.0	34.8	34.8	7.2
21	14.2	21.0	16.9	87.7	16.713	14.7	0.8	0.0	0.8	1.4
22	15.1	25.2	19.9	73.6	16.650	14.6	0.0	0.0	0.0	10.5
23	14.6	27.0	20.5	65.4	15.205	13.2	0.0	0.0	0.0	10.9
24	15.2	27.0	20.6	71.5	16.912	14.8	0.0	0.0	0.0	10.5
25	15.2	26.1	20.8	67.9	16.223	14.2	0.0	0.0	0.0	10.1
26	16.2	27.2	21.2	73.6	18.235	16.0	0.0	0.0	0.0	8.7
27	14.2	25.3	20.1	77.4	17.805	15.7	0.0	0.0	0.0	9.9
28	14.0	28.0	21.4	67.5	16.304	14.3	0.0	0.0	0.0	10.7
29	15.0	27.2	21.4	67.2	16.619	14.6	0.0	0.0	0.0	8.1
30	16.2	26.0	21.0	72.9	17.791	15.6	0.0	0.0	0.0	2.6
31	16.2	24.0	20.3	83.1	19.645	17.2	0.0	0.0	0.0	1.7
PROM.	15.2	25.0	19.9	75.9	17.259	15.2	12.3	116.1	128.4	211.9

ESTACION: RAFAEL ESCOBAR MUNICIPIO: SUPIA AÑO: 1.977

ALTITUD: 1.330 LATITUD: 5-28 N. LONGITUD: 75-38 W.

M E S — SEPTIEMBRE.

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.4	26.2	20.9	71.8	17.205	15.1	0.0	0.0	0.0	8.9
2	15.6	27.2	21.4	63.7	16.153	14.1	0.0	0.0	0.0	8.9
3	15.8	26.2	21.4	69.1	17.321	15.2	0.0	0.6	0.6	7.4
4	14.6	26.8	20.7	72.7	17.171	15.1	0.0	2.4	2.4	8.7
5	15.4	26.0	21.1	73.2	17.869	15.7	0.0	0.0	0.0	5.1
6	15.4	28.1	21.8	64.6	16.307	14.3	0.0	0.0	0.0	9.9
7	15.0	29.7	22.5	56.9	14.875	12.9	0.0	0.0	0.0	10.3
8	16.2	27.2	22.4	66.0	17.530	15.4	0.0	0.0	0.0	5.4
9	16.7	27.2	22.2	72.4	19.089	16.7	0.0	0.0	0.0	10.2
10	16.8	25.8	21.4	75.9	18.882	16.6	0.0	0.0	0.0	1.6
11	16.1	27.3	21.9	66.3	16.989	14.9	0.0	0.0	0.0	8.4
12	16.4	24.2	19.7	83.3	19.034	16.7	0.0	0.0	0.0	0.2
13	15.4	26.2	19.6	78.4	17.988	15.8	0.1	4.0	4.1	3.3
14	14.6	23.0	17.7	87.6	17.672	15.5	0.4	0.0	0.4	0.0
15	15.6	24.6	19.6	79.7	17.974	15.8	0.3	0.0	0.3	3.4
16	15.3	27.2	20.9	75.9	18.093	15.9	0.0	0.0	0.0	8.2
17	15.6	27.2	20.5	76.9	18.249	16.0	0.0	0.1	0.1	8.2
18	15.4	27.0	21.5	71.1	17.348	15.2	0.0	19.6	19.6	7.8
19	14.3	25.2	19.4	79.5	17.520	15.4	0.0	0.0	0.0	2.9
20	16.1	25.0	19.5	81.2	18.289	16.1	0.0	0.0	0.0	4.7
21	15.3	24.2	19.3	78.4	17.274	15.2	0.9	19.9	20.8	1.0
22	14.4	24.0	19.1	79.4	17.215	15.2	0.3	14.2	14.5	5.4
23	16.2	25.0	20.6	75.3	18.055	15.9	0.0	0.0	0.0	5.4
24	16.2	25.2	20.0	81.6	19.298	16.9	1.5	9.2	10.7	5.2
25	15.6	25.0	20.5	68.9	16.170	14.2	0.0	31.0	31.0	6.9
26	14.3	21.2	17.9	76.5	15.431	13.5	0.0	9.9	9.9	0.3
27	14.5	19.3	15.8	94.4	17.163	15.1	29.1	12.3	41.4	0.2
28	14.2	21.2	18.0	78.6	15.979	14.0	0.0	0.0	0.0	2.9
29	14.0	22.4	16.9	82.8	16.129	14.2	34.1	0.0	34.1	2.2
30	14.0	24.2	19.5	76.6	16.908	14.9	0.0	0.1	0.1	7.6
PROM.	15.3	25.3	20.1	75.3	17.373	15.3	66.7	123.3	190.0	160.6

M E S — OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.3	24.0	19.5	77.4	17.415	15.3	0.0	38.3	38.3	2.7
2	14.3	24.0	19.2	79.3	17.392	15.3	0.8	0.0	0.8	4.9
3	14.2	26.2	21.3	71.3	17.402	15.3	0.0	45.0	45.0	9.9
4	15.2	26.2	19.7	82.6	18.761	16.5	12.9	18.2	31.1	6.3
5	15.6	25.2	20.5	78.9	18.703	16.4	0.0	0.0	0.0	6.9
6	15.0	24.4	20.3	77.1	18.123	15.9	0.0	5.9	5.9	5.6
7	15.2	22.2	18.0	85.9	17.463	15.4	1.3	0.5	1.8	2.6
8	15.2	25.2	20.4	76.0	17.963	15.8	0.0	13.8	13.8	5.6
9	15.2	22.2	18.9	83.6	18.040	15.9	1.3	10.8	12.1	3.2
10	15.6	23.6	18.9	83.2	18.271	16.1	1.4	6.0	7.4	1.9
11	16.3	24.6	20.2	80.1	18.599	16.3	0.0	9.6	9.6	5.7
12	16.2	23.2	18.9	81.8	17.880	15.7	0.6	0.0	0.6	3.1
13	16.0	24.3	19.5	82.5	18.904	16.6	0.3	0.0	0.3	2.2
14	15.2	25.6	19.6	79.5	17.888	15.8	0.0	7.5	7.5	4.1
15	15.3	25.2	19.8	72.8	16.749	14.7	0.0	0.1	0.1	6.0
16	15.2	25.6	20.1	70.0	16.157	14.2	0.0	0.0	0.0	6.6
17	16.2	26.2	19.6	81.4	18.059	16.4	0.3	0.0	0.3	3.8
18	16.0	26.1	20.7	77.7	18.641	16.4	0.0	4.3	4.3	2.3
19	17.8	25.0	20.1	78.0	18.385	16.2	0.0	8.2	8.2	3.9
20	15.4	26.3	20.6	77.6	18.496	16.3	0.4	9.7	10.1	6.6
21	16.3	26.3	20.9	77.8	18.916	16.6	0.0	0.0	0.0	4.9
22	16.1	25.2	20.2	78.3	18.483	16.3	0.0	0.0	0.0	4.3
23	15.4	26.1	20.4	79.4	18.816	16.5	0.0	13.6	13.6	4.9
24	16.2	24.0	19.1	89.6	20.014	17.5	10.8	0.3	17.1	4.1
25	15.2	25.0	20.3	80.0	18.696	16.4	0.0	2.0	2.0	6.2
26	16.0	21.2	18.5	84.7	18.250	16.0	3.4	0.2	3.6	0.0
27	16.0	23.1	19.0	80.6	17.901	15.8	0.0	2.3	2.3	0.5
28	16.2	24.3	18.6	86.3	18.806	16.5	0.0	21.1	21.1	4.6
29	14.2	25.0	19.1	83.0	18.093	15.9	0.0	0.0	0.0	4.4
30	16.2	23.2	18.2	83.2	17.775	15.6	2.9	0.0	2.9	3.0
31	13.2	25.2	19.5	77.3	17.070	15.0	0.0	0.3	0.3	10.7
PROM.	15.5	24.6	19.7	79.9	18.152	16.0	42.4	217.7	260.1	140.9

ESTACION: RAFAEL ESCOBAR MUNICIPIO: SUPIA AÑO: 1.977

ALTITUD: 1.330 LATITUD: 5-28 N. LONGITUD: 75-38 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.3	24.2	19.1	83.4	18.499	16.3	0.0	0.0	0.0	3.6
2	15.2	25.2	19.4	79.5	17.676	15.5	0.0	0.8	0.8	5.2
3	15.2	25.0	20.6	80.1	19.155	16.8	0.0	0.0	0.0	3.7
4	16.3	24.2	18.4	85.0	18.345	16.1	0.0	6.4	6.4	0.4
5	14.6	24.1	18.3	84.5	17.934	15.8	0.1	1.0	1.1	2.9
6	15.2	25.0	19.4	80.0	18.089	15.9	0.0	0.0	0.0	4.9
7	15.3	23.1	18.8	88.9	19.328	16.9	3.0	11.0	14.0	1.8
8	14.2	24.2	19.3	79.4	17.655	15.5	0.0	14.4	14.4	6.8
9	16.0	24.1	20.2	81.1	18.972	16.7	0.0	8.1	8.1	4.7
10	15.2	22.0	18.7	87.1	18.940	16.6	0.3	0.0	0.3	1.0
11	14.4	24.2	19.4	78.3	17.341	15.3	0.0	5.7	5.7	4.6
12	15.0	23.0	18.0	79.7	16.516	14.5	0.4	0.0	0.4	3.2
13	15.3	21.2	18.1	83.4	17.290	15.2	0.2	1.3	1.5	0.0
14	14.2	23.3	18.3	77.1	16.035	14.1	6.8	0.0	6.8	4.3
15	14.2	26.2	19.3	75.0	16.897	14.8	0.0	0.0	0.0	9.3
16	15.2	26.0	20.5	71.7	17.112	15.1	0.0	1.1	1.1	8.1
17	16.0	24.0	20.1	75.0	17.237	15.2	0.0	2.0	2.0	5.8
18	15.0	22.2	18.1	84.8	17.810	15.7	2.6	0.9	3.5	3.7
19	14.0	25.0	19.7	79.3	17.711	15.6	0.0	0.0	0.0	6.5
20	16.2	26.5	20.3	74.7	17.712	15.6	0.0	3.0	3.0	7.9
21	16.1	26.3	21.2	75.4	18.583	16.3	0.0	7.3	7.3	8.9
22	16.0	26.2	20.9	79.9	19.399	17.0	0.0	0.0	0.0	4.5
23	16.3	26.0	19.9	81.1	18.914	16.6	6.3	0.0	6.3	6.7
24	16.1	26.0	21.4	75.6	18.861	16.6	0.0	0.0	0.0	8.4
25	17.2	25.2	21.4	74.5	18.627	16.4	0.0	2.9	2.9	7.9
26	16.3	24.2	19.1	85.8	19.086	16.8	11.8	0.1	11.9	2.8
27	16.0	25.2	20.3	76.8	18.049	15.9	0.0	0.0	0.0	8.2
28	15.2	26.3	20.7	75.4	18.298	16.1	0.0	0.0	0.0	8.1
29	15.2	26.6	20.8	71.3	17.053	15.0	0.0	0.0	0.0	9.1
30	14.0	26.6	20.2	68.2	16.000	14.0	0.0	0.0	0.0	9.5
PROM.	15.4	24.7	19.7	79.1	17.971	15.8	31.5	66.0	97.5	162.5

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	26.2	21.2	67.7	16.826	14.8	0.0	0.0	0.0	9.3
2	15.3	26.2	20.7	76.7	18.547	16.3	0.0	49.7	49.7	6.5
3	15.3	25.5	20.2	80.3	18.655	16.4	0.0	0.0	0.0	5.2
4	16.3	25.0	21.1	77.8	19.143	16.8	0.0	0.0	0.0	5.2
5	17.3	27.0	21.4	75.2	19.015	16.7	0.0	0.0	0.0	7.1
6	16.6	26.0	20.7	82.3	20.084	17.6	0.0	0.0	0.0	2.1
7	16.6	26.3	19.7	83.5	19.292	17.0	0.0	0.0	0.0	2.6
8	15.0	26.2	20.4	71.6	16.870	14.9	0.0	0.0	0.0	8.6
9	15.4	26.2	20.9	74.2	18.466	16.2	2.4	0.0	2.4	6.8
10	16.0	26.5	20.3	74.8	17.535	15.4	0.1	10.3	10.4	3.9
11	16.0	25.0	18.6	86.4	18.724	16.4	3.2	0.2	3.4	2.9
12	14.3	26.6	20.2	77.9	18.075	15.9	5.6	14.0	19.6	7.7
13	15.1	23.3	18.6	84.1	17.953	15.8	0.0	0.0	0.0	2.7
14	15.3	26.4	20.9	75.9	18.309	16.1	0.0	0.0	0.0	7.0
15	16.3	27.0	21.5	75.5	18.344	16.1	0.0	3.0	3.0	8.8
16	17.3	25.0	20.3	79.7	18.910	16.6	0.0	0.0	0.0	5.2
17	16.0	26.1	20.9	75.5	18.362	16.1	0.0	2.2	2.2	7.4
18	16.2	26.4	20.6	78.8	18.923	16.6	0.0	0.0	0.0	5.6
19	15.2	26.2	20.4	78.9	18.679	16.4	0.0	0.0	0.0	7.5
20	16.2	26.0	20.7	70.9	16.976	14.9	0.0	0.0	0.0	4.0
21	16.0	27.1	21.7	70.9	17.463	15.3	0.0	0.0	0.0	9.4
22	17.3	27.2	21.5	71.6	18.205	16.0	0.0	0.0	0.0	8.7
23	16.0	28.8	22.6	69.5	18.342	16.1	0.0	0.0	0.0	10.5
24	16.6	27.2	22.0	70.2	17.798	15.7	0.0	0.0	0.0	7.2
25	15.4	24.2	19.8	77.0	17.656	15.6	0.0	0.0	0.0	0.2
26	16.4	26.2	20.4	80.7	19.278	16.9	0.0	0.0	0.0	2.4
27	15.4	24.2	20.1	81.2	18.894	16.6	0.0	7.4	7.4	4.0
28	16.0	25.2	19.4	82.7	18.722	16.4	6.8	5.8	12.6	4.6
29	16.5	24.7	18.6	82.2	17.634	15.5	1.0	5.9	6.9	2.3
30	14.4	25.4	19.7	72.0	15.977	14.0	0.0	0.0	0.0	10.5
31	14.8	26.2	20.3	70.5	16.213	14.2	0.0	0.0	0.0	10.4
PROM.	15.9	26.0	20.5	76.6	18.189	16.0	19.1	98.5	117.6	186.3

ESTACION: RAFAEL ESCOBAR MUNICIPIO SUPIA AÑO: 1.977

ALTITUD: 1.330 LATITUD: 5-28 N. LONGITUD: 75-38 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.7	28.0	21.8	13.3	30.2	66.8	16.546	14.5	51.2	7	198.5
FEBRERO	16.1	27.6	21.6	14.2	30.2	69.9	17.306	15.2	38.2	13	117.9
MARZO	16.6	28.1	22.2	14.2	32.2	68.3	17.442	15.3	91.5	11	109.3
ABRIL	16.3	26.2	20.8	14.2	30.2	76.6	18.285	16.0	144.8	17	94.6
MAYO	16.4	24.9	20.1	14.2	28.3	81.3	18.954	16.6	134.9	18	88.0
JUNIO	15.5	24.9	20.0	14.2	28.2	77.7	17.852	15.7	120.0	13	175.7
JULIO	15.4	25.6	20.5	14.0	28.5	74.1	17.379	15.2	187.1	12	222.2
AGOSTO	15.2	25.0	19.9	14.0	28.0	75.9	17.259	15.2	128.4	14	211.9
SEPTIEMBRE	15.3	25.3	20.1	14.0	29.7	75.3	17.373	15.3	190.0	15	160.6
OCTUBRE	15.5	24.6	19.7	13.2	26.3	79.9	18.152	16.0	260.1	26	140.9
NOVIEMBRE	15.4	24.7	19.7	14.0	26.6	79.1	17.971	15.8	97.5	19	162.5
DICIEMBRE	15.9	26.0	20.5	14.3	28.8	76.6	18.169	16.0	117.6	10	186.3
PROMEDIO	15.8	25.9	20.6	14.0	28.9	75.1	17.726	15.6			
TOTAL									1561.3	175	1868.4

ESTACION: LLANADAS MUNICIPIO: MANZANARES AÑO: 1.977

ALTITUD: 1.420 LATITUD: 5-15 N. LONGITUD: 75-08 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	25.0	19.2	82.8	18.527	16.3	0.0	22.0	22.0	4.3
2	15.0	25.0	19.0	83.0	18.026	15.9	0.6	0.0	0.6	5.0
3	14.0	26.0	21.0	83.0	20.393	17.7	0.0	0.0	0.0	7.0
4	16.0	27.0	20.9	84.7	20.808	18.1	0.0	0.0	0.0	6.6
5	16.0	30.8	21.9	73.5	18.319	15.8	0.0	0.0	0.0	8.2
6	15.4	29.9	20.9	82.8	20.240	17.7	0.0	0.0	0.0	7.1
7	15.0	25.6	20.0	84.9	19.678	17.2	0.0	0.0	0.0	6.4
8	17.5	28.0	20.7	81.9	20.177	17.6	0.0	0.0	0.0	7.7
9	15.0	28.6	20.9	84.8	21.001	18.1	0.0	0.0	0.0	7.9
10	16.1	26.8	20.8	84.2	20.371	17.7	0.0	0.0	0.0	6.4
11	14.5	26.6	20.2	84.3	19.758	17.2	0.0	0.0	0.0	6.6
12	16.0	25.6	19.6	87.8	19.923	17.4	0.0	0.0	0.0	2.8
13	17.0	26.6	20.0	88.2	20.489	17.9	0.0	0.0	0.0	3.7
14	17.5	27.0	20.8	85.2	20.815	18.1	0.0	0.0	0.0	2.8
15	18.0	28.0	21.6	83.3	21.398	18.5	0.0	0.0	0.0	6.8
16	18.0	27.0	20.6	90.1	21.904	18.9	0.0	0.0	0.0	5.0
17	17.6	25.4	20.9	87.6	21.429	18.5	0.0	0.0	0.0	1.6
18	16.0	25.0	18.9	84.8	18.616	16.3	0.0	9.0	9.0	1.1
19	17.0	27.0	18.7	89.6	19.410	17.0	0.0	0.0	0.0	2.3
20	17.0	27.0	19.5	83.2	18.737	16.5	0.0	0.0	0.0	5.8
21	16.8	26.8	20.3	86.8	20.539	17.9	0.0	0.0	0.0	4.6
22	16.8	26.8	20.9	82.8	20.353	17.7	0.0	0.0	0.0	5.7
23	16.0	28.6	21.6	78.1	19.934	17.4	0.0	12.8	12.8	7.4
24	17.6	25.0	19.3	87.7	19.711	17.3	0.0	0.0	0.0	0.9
25	16.0	23.6	18.5	85.0	17.928	15.8	0.4	0.1	0.5	2.8
26	15.8	24.7	19.1	85.8	18.852	16.6	4.3	0.0	4.3	1.9
27	15.0	26.4	20.9	84.1	20.892	18.1	0.0	0.0	0.0	4.7
28	15.4	26.8	20.7	81.0	19.568	17.0	0.0	1.0	1.0	7.4
29	15.0	26.8	20.5	83.6	19.829	17.4	0.0	21.1	21.1	7.1
30	17.0	25.8	20.4	83.7	19.696	17.2	0.0	0.0	0.0	4.9
31	16.0	25.0	19.0	86.0	18.753	16.4	0.1	5.0	5.1	1.9
PROM.	16.1	26.6	20.2	84.3	19.873	17.3	5.4	71.0	76.4	154.4

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	26.3	19.8	86.2	19.921	17.4	0.0	0.5	0.5	5.7
2	15.0	26.8	20.5	86.2	20.575	17.9	0.0	0.0	0.0	6.7
3	15.3	28.6	20.8	79.2	19.392	17.0	0.0	13.0	13.0	6.7
4	15.0	28.0	20.1	81.5	19.042	16.7	0.0	0.3	0.3	5.8
5	15.0	27.0	20.4	82.8	19.846	17.3	0.0	4.2	4.2	6.4
6	16.0	27.0	19.5	82.2	18.898	16.6	1.2	2.8	4.0	3.1
7	15.1	24.3	18.5	88.9	19.143	16.8	0.0	0.0	0.0	6.2
8	14.0	27.0	19.2	78.1	17.329	15.2	0.0	0.0	0.0	5.8
9	14.6	28.1	20.6	80.3	19.161	16.8	0.0	0.3	0.3	6.0
10	16.0	28.1	21.1	81.3	20.048	17.5	0.0	0.6	0.6	5.3
11	16.2	25.4	19.2	83.4	18.388	16.1	0.2	22.7	22.9	3.3
12	16.1	25.1	18.7	92.2	20.068	17.5	2.1	0.0	2.1	1.9
13	16.0	25.4	19.6	79.2	17.970	15.8	0.0	0.0	0.0	4.1
14	16.0	25.4	19.6	84.4	19.363	16.9	10.7	36.9	47.6	2.5
15	15.6	25.0	19.7	82.2	18.452	16.0	0.0	4.2	4.2	7.0
16	15.4	28.3	20.5	83.7	20.034	17.5	0.5	15.7	16.2	4.4
17	15.0	27.0	20.7	87.4	21.393	18.5	1.3	12.8	14.1	0.3
18	16.0	26.0	20.5	82.6	19.654	17.2	0.0	0.0	0.0	1.9
19	15.0	29.8	21.2	78.3	19.152	16.8	0.6	25.7	26.3	3.2
20	16.7	27.0	18.9	87.1	19.582	17.1	0.0	0.0	0.0	3.6
21	17.3	25.3	19.7	83.1	18.915	16.6	0.0	0.0	0.0	5.0
22	15.4	27.2	20.5	82.7	19.807	17.3	0.3	0.0	0.3	2.8
23	16.0	26.8	20.4	79.3	18.813	16.5	0.0	6.4	6.4	7.8
24	16.3	25.0	19.0	84.2	18.259	15.9	0.0	1.9	1.9	7.3
25	16.3	27.3	19.8	88.5	20.597	17.9	0.0	0.6	0.6	2.8
26	15.4	27.0	20.3	77.2	17.836	15.6	0.0	8.4	8.4	8.2
27	15.0	26.0	19.7	79.4	18.067	15.9	0.8	0.0	0.8	2.3
28	15.8	27.9	21.0	81.2	19.753	17.3	5.3	0.0	5.3	4.9
PROM.	15.6	26.7	20.0	83.0	19.266	16.8	23.0	157.0	180.0	131.0

ESTACION: LLANADAS MUNICIPIO: MANZANARES AÑO: 1.977

ALTITUD: 1.420 LATITUD: 5-15 N. LONGITUD: 75-08 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	25.0	19.6	85.2	19.307	16.9	0.0	1.6	1.6	2.3
2	16.3	26.4	19.7	86.4	19.534	17.1	0.0	0.0	0.0	2.8
3	15.4	28.0	21.0	76.6	18.527	16.2	0.0	0.0	0.0	5.6
4	15.0	29.3	20.9	69.8	16.766	14.7	0.0	0.0	0.0	6.6
5	16.6	29.9	21.3	73.0	18.328	16.0	0.0	0.0	0.0	7.7
6	15.6	28.0	21.4	73.5	18.406	16.0	0.0	0.0	0.0	4.9
7	17.0	29.3	21.6	73.7	18.464	16.2	0.0	0.0	0.0	3.7
8	13.8	28.0	20.7	71.4	17.591	15.4	0.0	0.0	0.0	4.1
9	17.3	28.6	21.8	76.6	19.691	17.1	0.0	0.0	0.0	2.8
10	18.0	30.8	22.6	63.3	17.136	14.9	0.0	0.0	0.0	7.1
11	16.0	30.0	22.1	72.7	18.757	16.4	0.0	0.0	0.0	6.6
12	16.6	28.8	21.6	77.1	19.563	17.0	0.0	30.9	30.9	0.1
13	15.6	26.8	20.0	87.3	20.333	17.7	0.0	5.8	5.8	3.6
14	17.0	25.4	20.2	83.7	19.882	17.4	0.0	0.0	0.0	4.2
15	14.3	25.0	18.8	87.4	19.146	16.8	15.1	43.3	58.4	3.8
16	15.0	23.0	18.8	90.0	19.567	17.2	0.0	0.6	0.6	0.3
17	15.3	25.0	18.3	84.0	17.873	15.7	30.2	4.2	34.4	3.5
18	15.1	26.4	20.0	84.4	19.763	17.3	1.9	24.7	26.6	5.1
19	14.6	27.0	20.2	81.2	18.930	16.5	0.0	0.0	0.0	0.9
20	16.8	28.0	20.9	79.9	19.392	16.9	0.0	0.0	0.0	2.8
21	16.0	24.7	18.5	84.5	18.088	15.9	0.0	0.0	0.0	3.9
22	15.0	24.0	18.3	85.1	17.760	15.6	0.3	0.0	0.3	1.4
23	14.0	24.0	18.3	85.2	18.231	16.1	12.0	1.6	13.6	3.1
24	14.0	23.8	18.6	85.6	18.258	16.0	0.0	2.6	2.6	3.8
25	14.5	24.0	19.6	90.1	20.240	17.7	0.0	46.5	46.5	3.4
26	14.6	27.0	19.9	82.1	18.878	16.6	0.0	2.2	2.2	2.2
27	16.0	27.1	19.7	82.9	18.685	16.4	0.0	9.3	9.3	4.7
28	14.6	26.1	19.4	81.1	18.137	16.0	1.8	7.8	9.6	6.1
29	14.5	25.3	19.7	81.8	18.397	16.1	0.0	54.8	54.8	2.1
30	15.0	24.0	18.9	82.1	17.780	15.6	0.0	5.5	5.5	1.1
31	15.4	22.2	18.4	89.1	18.732	16.5	1.9	5.9	7.8	1.0
PROM.	15.5	26.5	20.0	80.9	18.714	16.4	63.2	247.3	310.5	111.3

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	21.0	17.8	94.0	19.027	16.7	25.8	0.5	26.3	0.5
2	15.0	24.8	19.9	82.7	19.024	16.7	0.0	1.2	1.2	4.0
3	15.4	24.0	18.3	83.4	17.517	15.4	18.6	3.4	22.0	2.1
4	15.0	21.2	18.1	84.7	17.449	15.3	3.9	0.0	3.9	0.5
5	15.0	25.8	19.4	76.4	16.861	14.7	0.0	3.5	3.5	7.1
6	14.6	25.4	19.3	80.4	17.978	15.8	0.0	0.0	0.0	3.1
7	15.4	27.6	20.3	81.1	18.542	16.6	0.0	0.0	0.0	3.7
8	15.4	25.0	20.2	77.9	18.040	15.7	0.0	0.0	0.0	2.5
9	16.1	27.0	21.0	82.6	20.078	17.5	0.0	0.0	0.0	5.9
10	17.0	26.0	20.4	85.5	20.083	17.5	0.0	0.4	0.4	5.0
11	16.5	22.2	19.8	83.0	18.807	16.4	0.0	0.0	0.0	2.9
12	14.8	24.0	19.2	84.1	18.402	16.1	0.0	0.0	0.0	2.0
13	14.4	27.0	20.8	81.2	19.466	17.0	0.0	0.0	0.0	7.7
14	15.5	25.4	19.6	81.3	18.121	15.9	0.0	0.0	0.0	1.8
15	14.0	29.0	21.1	72.6	17.461	15.3	0.0	0.0	0.0	6.6
16	14.5	26.4	19.4	82.1	18.686	16.4	0.0	0.0	0.0	2.2
17	16.2	27.0	20.9	83.8	20.662	18.0	0.0	0.3	0.3	2.7
18	16.0	26.1	20.6	83.0	19.605	17.1	0.0	1.0	1.0	1.0
19	16.0	26.0	20.8	78.6	18.991	16.6	0.0	0.0	0.0	6.3
20	15.5	27.0	21.1	80.9	19.803	17.3	0.0	3.2	3.2	6.9
21	16.0	22.1	18.0	88.2	18.174	16.0	0.8	0.0	0.8	0.0
22	14.3	27.0	20.1	84.0	19.641	17.1	0.0	0.0	0.0	6.4
23	15.6	22.0	18.2	87.5	18.247	16.0	1.0	0.1	1.1	0.0
24	15.0	23.1	18.4	81.1	16.949	14.9	0.2	2.8	3.0	0.3
25	15.0	25.0	19.7	81.0	18.161	16.0	0.2	0.8	1.0	3.0
26	15.6	23.0	18.2	85.6	17.972	15.8	2.8	20.9	23.7	1.3
27	14.0	24.0	18.2	78.3	16.218	14.2	8.9	0.0	8.9	2.5
28	13.5	23.3	18.1	84.1	17.383	15.3	0.0	0.0	0.0	1.5
29	13.8	24.0	18.4	86.9	18.186	16.0	6.0	2.2	8.2	4.8
30	14.0	23.1	17.8	82.3	16.683	14.6	29.9	8.1	38.0	2.1
PROM.	15.2	24.8	19.4	82.6	18.421	16.1	98.1	48.4	146.5	96.4

ESTACION: LLANADAS MUNICIPIO: MANZANARES AÑO: 1.977

ALTITUD: 1.420 LATITUD: 5-15 N. LONGITUD: 75-08 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.0	23.3	17.8	77.1	15.814	13.8	2.1	0.6	2.7	3.9
2	14.9	24.0	18.4	83.0	17.440	15.3	3.8	0.0	3.8	3.9
3	14.8	25.0	19.0	82.5	18.318	16.1	0.5	25.1	25.6	4.1
4	14.6	22.0	18.5	81.3	17.264	15.1	0.0	0.0	0.0	6.3
5	14.5	19.0	17.7	92.0	18.435	16.2	0.0	0.0	0.0	5.0
6	14.6	24.0	18.4	82.4	17.235	15.1	0.0	0.0	0.0	5.4
7	14.5	25.7	19.3	81.1	17.900	15.7	0.0	0.0	0.0	5.8
8	14.0	27.2	20.4	77.4	17.947	15.7	0.0	1.6	1.6	6.0
9	15.6	23.0	19.0	81.9	17.685	15.5	1.0	0.6	1.6	0.6
10	14.6	24.3	19.4	86.9	19.122	16.8	0.1	10.3	10.4	5.1
11	15.0	24.0	19.4	87.7	19.794	17.3	0.0	7.4	7.4	1.0
12	14.6	25.0	19.6	84.0	18.851	16.5	0.0	0.0	0.0	5.1
13	15.0	26.0	20.1	81.1	18.925	16.6	0.0	3.4	3.4	4.3
14	14.6	24.0	18.8	84.5	18.394	16.2	1.7	0.3	2.0	2.0
15	14.8	21.0	16.3	87.7	16.253	14.2	12.4	0.0	12.4	1.2
16	14.0	25.0	19.4	78.2	17.294	15.2	3.1	0.2	3.3	3.7
17	14.0	27.0	19.2	83.0	18.055	15.8	0.0	30.5	30.5	7.5
18	15.0	25.0	18.9	84.1	18.400	16.2	0.0	0.0	0.0	3.9
19	16.0	27.0	20.5	82.6	19.644	17.2	0.0	16.9	16.9	8.0
20	16.0	23.0	18.8	87.6	19.000	16.7	1.3	0.0	1.3	0.7
21	14.0	23.3	18.4	83.7	17.381	15.2	0.0	2.7	2.7	1.9
22	15.0	26.3	19.1	84.9	18.931	16.6	0.0	13.4	13.4	3.5
23	15.1	22.0	17.2	91.4	18.251	16.0	43.4	0.1	43.5	0.2
24	13.1	23.6	18.6	82.1	17.209	15.1	0.0	3.0	3.0	6.0
25	15.6	25.0	18.4	84.0	17.705	15.5	0.0	0.0	0.0	4.2
26	14.6	24.6	19.4	81.1	18.217	16.0	0.0	27.8	27.8	6.4
27	14.5	22.0	18.4	87.2	18.403	16.2	0.0	0.0	0.0	1.5
28	14.6	26.0	20.3	84.8	19.936	17.4	0.0	8.0	8.0	6.8
29	15.4	24.0	18.9	90.5	19.683	17.2	12.6	0.0	12.6	1.2
30	14.6	26.3	20.2	80.7	18.550	16.2	0.0	0.2	0.2	4.8
31	15.6	24.4	19.7	85.9	19.541	17.0	0.0	0.0	0.0	4.8
PROM.	14.7	24.3	19.0	83.9	18.244	16.0	82.0	152.1	234.1	124.8

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.9	23.0	17.5	80.2	16.244	14.2	5.6	12.3	17.9	7.6
2	15.5	23.0	19.1	83.1	18.171	15.9	1.5	0.0	1.5	7.5
3	14.8	25.0	19.9	84.7	19.526	17.1	0.0	2.9	2.9	5.2
4	15.6	24.0	18.9	87.1	18.981	16.7	0.5	0.0	0.5	4.1
5	15.6	22.3	18.4	79.3	16.589	14.5	0.0	0.3	0.3	6.7
6	14.9	24.1	20.0	83.3	18.955	16.5	2.5	5.9	8.4	4.8
7	14.5	24.0	19.2	82.2	18.227	16.0	1.6	21.2	22.8	5.1
8	15.1	24.0	18.4	83.1	17.794	15.7	0.8	0.0	0.8	4.5
9	14.3	27.0	20.0	78.4	17.898	15.6	0.0	0.0	0.0	9.6
10	15.5	26.0	20.7	80.1	19.140	16.8	0.0	0.0	0.0	4.6
11	14.0	25.9	19.2	82.3	18.078	15.8	8.6	3.3	11.9	3.7
12	15.3	24.4	18.9	88.4	19.149	16.8	8.4	6.4	14.8	2.0
13	15.3	24.0	19.2	86.0	19.189	16.8	0.0	28.8	28.8	5.6
14	15.0	23.0	20.0	82.8	18.882	16.5	0.3	0.0	0.3	7.3
15	17.5	27.0	20.9	72.9	17.822	15.7	0.0	0.0	0.0	7.0
16	14.0	26.3	20.3	83.8	19.862	17.3	0.0	0.1	0.1	4.0
17	16.0	29.0	21.8	72.3	18.405	16.0	0.0	0.0	0.0	3.9
18	15.0	29.3	21.1	75.8	18.429	16.1	3.8	1.8	5.6	6.7
19	17.0	28.3	21.9	77.5	19.897	17.4	0.0	0.0	0.0	5.3
20	16.4	26.0	19.8	80.2	18.748	16.5	3.3	7.9	11.2	5.3
21	15.6	25.0	19.2	80.9	18.216	16.0	0.1	0.0	0.1	1.6
22	16.0	27.0	20.2	68.1	15.914	13.9	0.0	0.0	0.0	7.3
23	15.4	28.0	21.1	75.8	18.503	16.2	0.0	0.0	0.0	4.4
24	16.0	28.0	20.8	80.1	19.168	16.8	0.0	0.0	0.0	5.3
25	16.0	29.0	21.2	68.5	16.475	14.4	0.0	0.0	0.0	7.8
26	14.6	28.0	20.7	74.0	17.860	15.6	0.0	0.0	0.0	4.6
27	15.6	28.0	20.5	71.9	16.390	14.3	0.0	0.0	0.0	7.6
28	16.0	26.0	20.9	75.2	18.054	15.8	0.0	0.0	0.0	3.7
29	16.0	25.0	20.3	80.9	19.254	16.8	0.0	0.0	0.0	0.3
30	14.0	26.0	19.2	82.8	18.322	16.1	0.0	91.6	91.6	6.0
PROM.	15.4	25.9	20.0	79.4	18.271	16.0	37.0	182.5	219.5	159.1

ESTACION: LLANADAS MUNICIPIO: MANZANARES AÑO: 1.977

ALTITUD: 1.420 LATITUD: 5-15 N. LONGITUD: 75-08 W.

M E S – JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.6	25.0	18.7	86.0	18.280	16.0	4.6	0.0	4.6	2.7
2	14.0	27.0	20.6	76.7	18.683	16.3	0.0	0.0	0.0	7.9
3	15.8	29.0	21.4	75.0	18.389	16.1	0.0	0.0	0.0	7.7
4	14.6	25.0	19.5	85.5	19.384	16.9	0.0	0.0	0.0	3.7
5	14.6	25.6	20.4	78.1	18.502	16.2	5.4	0.0	5.4	5.6
6	13.6	24.3	19.9	85.4	19.578	17.1	0.0	9.9	9.9	3.9
7	15.0	25.0	19.5	85.9	19.505	17.1	0.0	27.5	27.5	3.9
8	16.0	25.9	20.8	81.4	19.945	17.4	0.0	0.0	0.0	6.5
9	16.5	27.0	19.9	74.4	17.396	15.3	0.0	0.0	0.0	5.8
10	15.6	27.0	21.1	73.2	18.055	15.9	0.4	0.6	1.0	5.6
11	14.8	28.6	20.9	61.7	14.424	12.4	0.0	0.0	0.0	6.7
12	14.6	28.0	20.8	73.1	17.882	15.7	0.0	0.0	0.0	1.5
13	14.6	28.0	20.4	64.6	15.265	13.2	0.0	0.0	0.0	6.7
14	16.0	28.6	22.2	71.8	18.621	16.3	0.0	0.4	0.4	6.1
15	17.0	26.8	21.4	78.6	19.797	17.3	0.0	38.6	38.6	3.8
16	15.0	25.0	20.1	82.3	19.366	16.9	0.0	0.0	0.0	7.7
17	15.9	27.0	20.3	74.4	17.774	15.6	0.0	0.0	0.0	1.1
18	14.0	27.0	20.7	74.9	18.053	15.9	0.0	0.0	0.0	7.6
19							0.0	1.6	1.6	3.4
20							0.0	0.0	0.0	7.3
21							0.0	0.0	0.0	7.8
22							0.0	0.0	0.0	7.7
23							0.0	31.5	31.5	5.7
24							0.0	0.0	0.0	4.2
25							0.0	0.0	0.0	4.9
26							0.0	42.2	42.2	5.6
27							0.0	0.7	0.7	8.0
28							0.0	0.0	0.0	8.1
29							0.0	0.0	0.0	8.0
30							0.0	2.5	2.5	8.0
31							0.0	61.0	61.0	6.8
PROM.							10.4	216.5	226.9	180.0

M E S – AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1							0.0	0.0	0.0	1.5
2							4.1	0.0	4.1	5.4
3							0.0	0.3	0.3	0.3
4							0.0	0.3	0.3	5.0
5							0.0	0.0	0.0	3.4
6							0.0	0.5	0.5	3.6
7							0.8	4.1	4.9	2.1
8							0.0	4.2	4.2	4.3
9	15.5	26.4	20.3	86.8	21.144	18.3	0.1	0.1	0.2	5.8
10	15.0	26.0	20.6	88.1	21.520	18.6	0.0	0.0	0.0	5.9
11	15.2	26.0	20.0	87.8	20.951	18.2	0.4	0.0	0.4	6.2
12	14.8	27.0	20.6	81.5	19.825	17.3	3.5	2.3	5.8	7.1
13	15.1	25.0	20.3	82.8	19.520	17.0	0.0	33.5	33.5	7.5
14	15.0	25.0	19.3	90.6	20.218	17.7	0.1	0.3	0.4	5.4
15	15.5	26.0	20.6	83.8	20.767	17.9	0.0	48.0	48.0	4.3
16	14.5	23.1	18.4	85.9	18.102	15.9	0.3	0.0	0.3	5.3
17	13.9	27.0	19.9	76.0	17.475	15.4	0.0	0.0	0.0	7.5
18	14.8	26.0	19.8	83.9	19.318	16.9	0.0	0.0	0.0	5.4
19	14.5	26.8	20.5	80.9	19.475	17.0	0.0	34.5	34.5	3.7
20	14.5	24.0	19.2	84.0	18.602	16.3	0.1	53.3	53.4	4.2
21	14.5	21.0	17.8	88.7	18.233	16.0	3.8	0.0	3.8	0.6
22	14.1	27.6	19.9	74.4	17.638	15.4	0.0	0.0	0.0	7.7
23	14.9	29.5	21.4	77.6	18.992	16.5	0.0	0.0	0.0	8.2
24	13.6	29.0	20.8	68.8	15.867	13.8	0.0	0.0	0.0	8.1
25	14.6	29.0	20.8	75.4	18.431	16.2	0.0	0.0	0.0	6.1
26	15.0	27.0	20.8	75.6	18.576	16.3	0.0	0.0	0.0	3.8
27	14.6	27.0	20.0	78.2	18.515	16.2	0.0	0.0	0.0	3.1
28	15.0	28.0	20.9	70.9	17.013	14.9	0.0	0.0	0.0	8.2
29	14.6	28.6	21.6	80.2	20.593	17.9	0.0	0.0	0.0	6.4
30	16.5	27.9	21.1	76.3	18.883	16.6	0.0	11.6	11.6	5.5
31	15.1	27.5	20.6	77.2	18.520	16.3	0.0	0.0	0.0	2.2
PROM.							13.2	193.0	206.2	153.8

ESTACION: LLANADAS MUNICIPIO: MANZANARES AÑO: 1.977

ALTITUD: 1.420 LATITUD: 5-15 N. LONGITUD: 75-08 W.

M E S – SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	26.8	20.4	79.3	18.755	16.4	0.0	0.0	0.0	6.2
2	15.0	28.0	21.9	73.7	18.723	16.2	0.0	0.0	0.0	5.0
3	16.2	28.1	21.4	75.9	19.114	16.7	0.0	15.2	15.2	7.9
4	14.5	27.7	21.2	81.2	20.207	17.5	0.0	1.9	1.9	8.3
5	15.0	25.3	20.3	79.7	18.580	16.3	0.0	0.0	0.0	7.7
6	13.2	26.0	18.8	74.8	15.734	13.7	0.0	0.0	0.0	6.6
7	13.0	28.0	20.8	68.5	15.680	13.5	0.0	0.0	0.0	7.8
8	15.1	29.0	21.4	75.6	18.958	16.6	0.0	0.0	0.0	4.9
9	15.6	27.0	21.4	76.9	19.418	17.0	0.0	1.2	1.2	3.4
10	14.5	25.6	19.5	78.9	17.915	15.7	0.0	0.0	0.0	3.8
11	13.0	28.8	20.3	76.1	18.081	15.8	0.0	0.0	0.0	7.0
12	14.5	25.4	20.2	74.6	17.761	15.6	0.0	0.0	0.0	0.6
13	14.5	22.5	17.7	89.7	18.244	16.1	0.3	2.6	2.9	1.2
14	13.6	22.0	18.3	84.3	17.727	15.6	4.7	0.0	4.7	0.7
15	14.6	25.9	19.3	80.8	18.104	15.9	0.0	0.0	0.0	6.0
16	14.0	26.0	20.1	80.1	18.569	16.2	0.0	0.0	0.0	4.1
17	15.3	28.5	21.5	75.6	18.670	16.2	0.0	0.0	0.0	7.1
18	16.8	28.0	20.3	77.6	18.402	16.2	0.0	29.3	29.3	4.7
19	15.3	26.8	20.2	75.3	17.269	15.1	0.0	5.4	5.4	3.8
20	16.0	25.0	20.0	85.8	19.969	17.4	0.0	21.1	21.1	4.7
21	15.5	26.0	20.3	82.8	19.638	17.1	0.0	1.1	1.1	3.6
22	15.4	25.4	20.3	79.7	18.797	16.5	2.1	26.3	28.4	3.1
23	15.3	24.0	18.6	80.9	17.339	15.2	2.5	0.0	2.5	2.8
24	14.5	27.0	20.8	77.4	19.061	16.7	0.0	14.7	14.7	7.5
25	15.1	27.0	20.4	71.9	17.381	15.0	0.0	8.7	8.7	6.5
26	15.0	24.0	18.9	80.2	17.565	15.4	0.0	0.0	0.0	2.4
27	16.0	20.0	17.9	89.8	18.547	16.3	12.3	8.1	20.4	0.0
28	15.3	24.5	18.6	84.8	18.334	16.0	23.9	4.6	28.5	2.2
29	15.1	24.0	18.5	80.3	17.205	15.1	3.4	0.0	3.4	2.6
30	14.1	27.0	20.5	83.0	19.745	17.3	0.0	26.6	26.6	7.7
PROM.	14.8	26.0	20.0	79.2	18.316	16.0	49.2	166.8	216.0	139.9

M E S – OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	24.0	19.1	88.4	19.503	17.1	0.0	10.9	10.9	0.9
2	16.0	25.0	20.3	85.4	20.215	17.6	2.9	0.6	3.5	5.1
3	15.3	27.0	20.8	79.5	19.506	17.1	0.0	0.0	0.0	7.9
4	15.0	27.0	19.5	77.8	18.059	15.9	14.3	18.8	33.1	6.6
5	14.5	25.0	20.0	79.6	18.521	16.3	0.0	1.8	1.8	5.8
6	14.0	25.0	20.2	84.2	19.845	17.3	0.0	13.9	13.9	4.7
7	15.4	26.0	19.7	83.3	19.089	16.8	0.2	5.4	5.6	4.5
8	15.5	23.0	18.9	80.4	17.531	15.4	18.1	2.5	20.6	2.1
9	15.3	25.0	18.6	86.0	18.550	16.2	1.1	7.0	8.1	1.7
10	16.0	24.0	19.3	86.1	19.172	16.8	11.1	72.9	84.0	1.4
11	14.6	24.1	19.5	84.2	19.111	16.7	0.6	14.1	14.7	3.1
12	15.0	26.0	20.3	82.0	19.284	16.9	0.3	17.8	18.1	5.1
13	15.1	25.0	19.0	80.7	17.471	15.3	0.9	0.0	0.9	4.8
14	15.0	26.0	19.6	81.3	18.827	16.5	0.0	11.0	11.0	4.3
15	15.0	27.0	20.3	81.4	19.454	17.0	0.0	22.0	22.0	6.2
16	16.0	27.0	20.8	70.9	17.232	15.1	0.0	0.0	0.0	6.0
17	15.6	25.0	19.0	83.0	18.249	16.0	0.0	0.0	0.0	2.1
18	17.0	25.0	20.2	86.9	20.469	17.8	0.0	0.0	0.0	3.5
19	17.0	26.0	20.8	82.2	20.040	17.5	0.0	24.2	24.2	3.4
20	17.5	26.0	20.4	85.5	20.395	17.8	0.0	0.0	0.0	2.1
21	14.0	25.6	19.7	82.4	18.981	16.6	3.1	14.9	18.0	5.3
22	13.6	26.3	20.1	74.9	16.930	14.7	0.0	0.0	0.0	6.5
23	14.5	26.3	20.4	80.9	19.095	16.7	0.0	0.0	0.0	5.4
24	15.0	24.5	19.8	83.3	18.809	16.4	0.0	4.5	4.5	1.2
25	15.0	27.0	20.9	81.2	19.730	17.2	2.9	27.9	30.8	3.2
26	15.0	26.0	20.1	80.8	18.984	16.7	4.7	1.6	6.3	0.6
27	16.0	25.1	20.0	83.0	19.338	17.0	0.1	19.2	19.3	1.7
28	15.0	21.0	17.8	92.9	18.877	16.6	5.9	0.3	6.2	0.8
29	14.0	24.3	19.4	79.0	17.692	15.5	0.3	38.1	38.4	3.9
30	14.0	23.6	18.5	85.0	17.592	15.4	0.0	0.0	0.0	3.1
31	14.0	23.0	18.8	83.9	17.953	15.8	0.0	33.0	33.0	3.1
PROM.	15.2	25.2	19.7	82.5	18.855	16.5	66.5	362.4	428.9	116.1

ESTACION: LLANADAS MUNICIPIO: MANZANARES AÑO: 1.977

ALTITUD: 1.420 LATITUD: 5-15 N. LONGITUD: 75-08 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.1	23.3	18.5	89.0	18.579	16.3	0.5	0.0	0.5	4.9
2	13.5	24.5	18.7	82.8	17.930	15.7	7.5	9.5	17.0	4.6
3	13.5	25.0	18.4	83.8	17.577	15.4	9.2	2.5	11.7	5.1
4	13.6	23.0	18.0	84.4	17.465	15.3	0.7	0.0	0.7	1.2
5	16.0	24.0	20.0	85.2	19.788	17.3	0.0	20.9	20.9	2.1
6	13.6	24.1	17.9	86.1	17.455	15.3	0.0	0.0	0.0	4.5
7	13.6	24.0	18.3	92.3	19.178	16.8	10.5	8.2	18.7	4.9
8	15.5	25.0	19.6	84.0	18.928	16.6	8.5	0.2	8.7	5.0
9	15.6	25.6	19.2	85.2	18.771	16.4	9.5	23.7	33.2	3.4
10	15.3	26.0	20.1	84.0	19.607	17.2	0.0	1.4	1.4	4.9
11	15.0	25.0	19.0	82.9	18.332	16.1	11.6	0.0	11.6	4.0
12	16.3	24.5	19.8	86.9	19.897	17.4	1.5	2.2	3.7	2.8
13	16.1	23.0	18.9	80.6	17.686	15.6	1.5	10.0	11.5	8.0
14	16.1	22.6	19.3	80.6	17.904	15.7	0.7	6.0	6.7	5.3
15	15.6	23.0	18.8	85.0	18.547	16.3	7.5	10.0	17.5	5.8
16	15.0	25.0	20.1	83.4	19.332	16.9	0.0	5.4	5.4	6.6
17	15.0	25.6	19.6	83.7	18.954	16.6	0.5	18.3	18.8	0.6
18	14.0	26.0	19.6	79.4	18.119	15.8	0.9	0.0	0.9	7.1
19	15.5	25.0	19.7	83.1	18.953	16.6	0.6	8.7	9.3	5.9
20	15.0	26.0	20.3	78.6	18.546	16.2	0.0	0.0	0.0	7.0
21	15.0	24.2	19.6	84.0	18.846	16.5	0.0	0.0	0.0	1.9
22	15.0	25.0	19.7	82.9	19.048	16.7	0.0	0.7	0.7	4.6
23	14.5	24.0	20.1	83.4	19.387	17.0	0.0	0.0	0.0	4.3
24	14.5	27.0	20.5	79.4	19.251	16.7	0.0	0.0	0.0	6.7
25	14.5	24.0	19.7	82.6	18.687	16.3	0.0	0.0	0.0	1.7
26	14.0	25.0	19.0	82.5	18.251	16.0	1.4	8.4	9.8	6.6
27	16.0	27.0	20.9	79.7	19.271	16.9	0.0	0.0	0.0	7.1
28	16.3	27.9	21.3	78.3	19.416	17.0	0.0	0.0	0.0	8.0
29	15.5	29.9	21.3	65.2	16.047	13.7	0.0	0.0	0.0	7.6
30	15.0	27.6	19.7	70.2	16.299	14.1	0.0	1.0	1.0	7.9
PROM.	15.0	25.1	19.5	82.3	18.535	16.2	72.6	137.1	209.7	150.1

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	25.6	19.5	76.1	17.534	15.2	0.0	0.0	0.0	5.2
2	15.0	26.0	20.0	77.9	18.072	15.8	0.0	36.6	36.6	4.0
3	15.6	25.0	20.0	84.8	19.696	17.2	0.3	2.7	3.0	2.0
4	17.1	24.0	20.3	85.7	20.288	17.7	0.0	0.0	0.0	4.4
5	16.0	25.0	20.5	85.0	20.332	17.7	0.0	0.0	0.0	4.1
6	16.6	26.5	22.0	77.9	20.430	17.8	0.0	0.0	0.0	4.6
7	15.5	25.3	20.3	79.4	18.748	16.4	0.1	0.0	0.1	5.6
8	14.0	28.0	19.9	78.5	18.454	16.0	0.0	0.0	0.0	7.0
9	14.7	25.0	20.4	78.5	18.793	16.5	0.0	5.0	5.0	4.2
10	15.0	25.3	19.7	85.4	19.494	17.1	0.5	0.0	0.5	3.2
11	16.0	22.3	19.0	82.6	18.013	15.8	0.0	0.0	0.0	1.3
12	14.5	26.4	20.4	80.6	19.081	16.7	0.0	24.7	24.7	5.9
13	14.6	25.0	19.4	87.4	19.863	17.3	0.0	0.0	0.0	0.9
14	14.4	25.6	20.3	79.1	18.804	16.4	0.0	0.0	0.0	4.0
15	16.0	26.0	21.1	77.2	19.197	16.7	0.0	5.6	5.6	2.7
16	16.5	25.8	20.1	87.2	20.268	17.7	0.0	0.0	0.0	3.6
17	15.6	26.0	20.8	82.2	20.435	17.7	0.0	56.6	56.6	6.1
18	15.0	26.5	20.7	78.5	19.072	16.7	1.5	22.0	23.5	3.2
19	15.6	24.0	19.7	81.6	18.599	16.4	0.0	0.0	0.0	4.6
20	15.5	24.0	19.8	80.4	18.446	16.1	0.0	0.5	0.5	1.7
21	16.0	25.2	19.4	80.6	18.375	16.2	0.0	0.0	0.0	6.5
22	15.3	26.0	20.6	77.7	18.929	16.5	0.0	3.6	3.6	3.2
23	15.0	27.1	20.5	76.0	18.251	16.0	0.0	0.0	0.0	7.4
24	15.0	28.9	20.8	74.8	17.928	15.7	0.0	0.1	0.1	6.8
25	15.6	26.0	20.3	78.1	17.930	15.6	0.0	0.0	0.0	1.3
26	15.3	24.0	19.9	83.4	19.039	16.6	0.0	0.0	0.0	2.2
27	14.8	25.0	19.2	79.0	17.670	15.5	0.0	1.9	1.9	2.6
28	15.5	24.3	18.9	90.3	19.695	17.2	6.4	6.2	12.6	2.3
29	14.0	23.0	18.4	82.6	17.422	15.3	0.0	0.0	0.0	3.3
30	14.1	25.2	20.1	72.6	16.743	14.6	0.0	0.0	0.0	7.0
31	14.0	26.1	20.6	71.8	16.889	14.7	0.0	0.0	0.0	6.0
PROM.	15.2	25.4	20.1	80.4	18.790	16.4	6.8	165.5	174.3	126.9

ESTACION: LLANADAS MUNICIPIO MANZANARES AÑO: 1.977

ALTITUD: 1.420 LATITUD: 5-15 N. LONGITUD: 75-08 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.1	26.6	20.2	14.0	30.8	84.3	19.873	17.3	76.4	9	154.4
FEBRERO	15.6	26.7	20.0	14.0	29.8	83.0	19.266	16.8	180.0	21	131.0
MARZO	15.5	26.5	20.0	13.8	30.8	80.9	18.714	16.4	310.5	17	111.3
ABRIL	15.2	24.8	19.4	13.5	29.0	82.6	18.421	16.1	146.5	17	96.4
MAYO	14.7	24.3	19.0	13.0	27.2	83.9	18.244	16.0	234.1	22	124.8
JUNIO	15.4	25.9	20.0	14.0	29.3	79.4	18.271	16.0	219.5	17	159.1
JULIO									226.9	13	180.0
AGOSTO									206.2	17	153.8
SEPTIEMBRE	14.8	26.0	20.0	13.0	29.0	79.2	18.316	16.0	216.0	17	139.9
OCTUBRE	15.2	25.2	19.7	13.6	27.0	82.5	18.855	16.5	428.9	23	116.1
NOVIEMBRE	15.0	25.1	19.5	13.5	29.9	82.3	18.535	16.2	209.7	21	150.1
DICIEMBRE	15.2	25.4	20.1	14.0	28.9	80.4	18.790	16.4	174.3	14	126.9
PROMEDIO											
TOTAL									2629.0	208	1.643.8

ESTACION: AGRONOMIA MUNICIPIO: MANIZALES AÑO: 1.977

ALTITUD: 2.150 LATITUD: 5-04 No LONGITUD: 75-31 We

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.2	23.6	17.5	86.4	17.258	15.2	0.4	0.0	0.4	5.3
2	12.0	23.1	17.8	82.6	16.632	14.6	0.0	0.0	0.0	7.6
3	12.8	24.0	17.9	80.8	16.397	14.4	0.0	0.0	0.0	10.5
4	12.2	23.6	18.1	79.3	16.009	14.0	0.0	0.0	0.0	10.7
5	12.2	24.8	17.8	65.6	13.409	11.2	0.0	0.0	0.0	10.8
6	12.2	23.8	17.4	71.1	13.629	11.6	0.0	0.0	0.0	10.3
7	12.0	23.6	17.9	74.2	14.833	12.9	0.0	0.0	0.0	8.8
8	12.0	23.6	17.9	76.8	15.369	13.4	0.0	0.0	0.0	10.5
9	11.6	25.0	17.2	70.1	13.543	11.4	0.0	0.0	0.0	10.6
10	11.4	24.0	17.5	73.6	14.226	12.2	0.0	0.0	0.0	9.8
11	11.0	23.9	17.6	78.1	15.361	13.3	0.0	0.0	0.0	9.6
12	11.6	24.0	17.7	71.5	13.828	11.8	0.0	0.0	0.0	10.3
13	11.9	22.7	17.2	79.4	15.243	13.2	0.0	0.0	0.0	5.7
14	12.2	23.8	17.5	80.4	15.658	13.6	0.0	0.0	0.0	5.0
15	13.4	24.1	18.5	83.4	17.241	15.1	0.0	0.0	0.0	7.3
16	14.0	25.0	18.3	80.6	16.637	14.6	0.0	0.0	0.0	6.1
17	12.2	24.0	17.9	80.1	15.963	13.9	0.0	0.0	0.0	3.4
18	13.4	22.0	17.3	80.8	16.000	14.0	0.5	0.0	0.5	4.0
19	13.0	23.0	16.7	87.8	16.758	14.7	7.2	0.0	7.2	3.7
20	12.2	25.0	18.8	74.1	15.603	13.6	0.0	0.0	0.0	10.2
21	12.6	26.0	18.8	73.9	15.245	13.3	0.0	0.0	0.0	9.8
22	12.0	25.0	18.0	79.5	16.165	14.0	0.0	0.1	0.1	9.7
23	12.6	22.8	16.5	90.7	17.245	15.1	0.1	0.0	0.1	7.5
24	12.0	21.8	15.5	93.4	16.501	14.4	3.1	0.0	3.1	2.4
25	12.2	24.8	18.8	76.6	16.184	14.2	0.0	0.0	0.0	7.1
26	12.2	22.8	16.8	90.2	16.995	14.9	0.0	0.0	0.0	5.0
27	12.2	24.0	17.9	83.1	16.822	14.8	0.0	0.0	0.0	6.7
28	13.6	24.1	18.3	77.9	16.156	14.1	0.0	1.9	1.9	7.9
29	13.6	23.0	17.6	85.3	17.018	14.9	1.2	7.0	8.2	6.0
30	12.2	22.4	16.8	90.0	17.390	15.3	1.4	14.0	15.4	8.0
31	12.2	20.0	16.5	92.2	16.870	14.8	0.0	1.8	1.8	2.6
PROM.	12.4	23.6	17.6	80.3	15.877	13.8	13.9	24.8	38.7	232.9

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.2	22.0	16.6	89.6	17.121	15.0	12.5	0.0	12.5	2.9
2	13.4	23.0	18.3	82.6	17.018	14.9	0.0	0.0	0.0	9.5
3	12.0	23.6	17.9	76.7	15.236	13.2	0.0	0.0	0.0	8.6
4	13.2	22.0	17.8	80.0	16.025	14.0	0.0	0.0	0.0	2.3
5	11.2	22.4	16.7	78.5	14.651	12.7	0.0	0.0	0.0	8.1
6	12.4	24.0	18.1	76.8	15.575	13.6	0.0	0.0	0.0	8.6
7	12.2	20.4	15.8	92.3	16.491	14.4	0.1	0.0	0.1	3.7
8	11.8	25.4	18.7	78.3	16.212	14.2	0.0	0.0	0.0	9.2
9	14.2	22.0	18.2	86.0	17.952	15.8	0.0	0.0	0.0	4.0
10	13.2	22.1	17.4	87.3	17.106	15.0	0.2	0.0	0.2	5.9
11	12.1	21.8	17.1	89.5	17.297	15.2	0.0	0.3	0.3	4.7
12	13.4	20.3	16.2	93.2	16.973	14.9	0.3	0.0	0.3	1.4
13	11.0	22.0	16.6	88.7	16.604	14.5	0.8	0.0	0.8	7.2
14	11.8	23.1	17.5	85.1	16.529	14.4	1.5	0.0	1.5	5.7
15	14.0	22.0	17.6	84.4	16.745	14.7	0.0	0.0	0.0	5.0
16	13.2	22.0	16.9	90.6	17.390	15.3	0.0	0.0	0.0	3.3
17	13.2	21.1	16.3	90.7	16.783	14.7	0.3	1.7	2.0	3.0
18	11.0	23.0	16.7	86.1	16.284	14.2	0.0	0.0	0.0	5.7
19	11.6	20.0	14.4	91.1	14.961	13.0	3.6	0.0	3.6	1.8
20	11.0	20.6	15.8	88.2	15.970	13.9	0.3	0.0	0.3	3.4
21	11.0	20.6	17.0	90.7	16.997	14.9	0.8	0.0	0.8	5.4
22	13.2	23.1	17.6	81.6	16.054	14.1	0.0	0.0	0.0	5.9
23	12.4	24.6	18.2	75.1	15.386	13.4	0.1	0.0	0.1	9.7
24	13.6	23.6	18.0	84.6	17.409	15.3	0.2	0.0	0.2	6.4
25	13.3	21.5	16.7	84.5	16.196	14.2	2.6	0.0	2.6	2.4
26	12.2	22.0	17.6	85.4	17.045	14.9	3.9	0.0	3.9	6.0
27	12.0	21.1	16.7	89.1	16.834	14.7	0.0	0.0	0.0	1.8
28	12.4	23.4	18.5	78.3	16.230	14.2	0.0	0.0	0.0	4.4
PROM.	12.5	22.2	17.2	85.2	16.467	14.4	27.2	2.0	29.2	146.0

ESTACION: AGRONOMIA MUNICIPIO: MANIZALES AÑO: 1.977

ALTITUD: 2.150 LATITUD: 5-04 N. LONGITUD: 75-31 W.

M E S – MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.2	22.6	18.5	85.2	17.688	15.6	0.0	0.0	0.0	2.6
2	14.2	25.4	19.5	74.6	16.459	14.4	0.0	0.0	0.0	8.0
3	13.0	24.7	18.6	73.3	15.202	13.2	0.0	0.0	0.0	7.5
4	13.6	24.2	19.3	71.8	15.401	13.4	0.0	0.0	0.0	7.9
5	13.2	25.0	19.4	69.9	14.906	12.9	0.0	0.0	0.0	7.3
6	13.2	24.9	18.2	75.4	15.363	13.3	0.0	0.0	0.0	4.1
7	12.2	26.0	18.9	64.0	13.221	10.9	0.0	0.0	0.0	6.2
8	13.2	25.7	19.6	63.7	14.284	12.2	0.0	0.0	0.0	5.8
9	14.0	26.0	20.1	67.3	14.997	13.0	0.0	0.0	0.0	8.1
10	13.6	26.6	20.7	64.4	14.758	12.6	0.0	0.0	0.0	9.3
11	13.2	24.0	19.5	77.5	17.165	15.1	0.0	0.0	0.0	5.3
12	13.6	24.2	18.2	83.0	17.256	15.2	0.0	2.1	2.1	4.8
13	12.2	22.0	15.3	89.9	15.891	13.9	20.5	0.0	20.5	4.7
14	12.2	22.8	17.9	81.2	16.393	14.4	0.0	0.0	0.0	5.4
15	14.2	23.0	17.2	86.8	17.054	15.0	3.1	8.1	11.2	4.4
16	12.2	21.8	16.4	92.4	17.215	15.1	0.1	0.0	0.1	1.8
17	12.2	22.0	17.2	87.3	16.944	14.9	0.9	0.6	1.5	3.7
18	13.2	24.0	17.0	92.7	18.213	16.0	6.7	0.0	6.7	5.2
19	13.6	21.0	16.5	90.8	17.121	15.1	1.2	0.0	1.2	1.5
20	13.2	24.0	18.7	81.0	16.971	14.9	0.0	0.0	0.0	6.1
21	13.0	24.0	18.4	85.1	17.953	15.7	2.1	1.6	3.7	6.4
22	13.4	20.0	16.7	96.3	18.131	15.9	0.4	0.0	0.4	0.9
23	13.2	22.0	16.4	91.7	17.217	15.2	0.2	0.4	0.6	0.4
24	13.0	21.4	17.3	91.1	17.927	15.7	1.0	1.1	2.1	2.2
25	13.6	22.6	17.6	93.2	18.388	16.1	0.0	42.2	42.2	2.4
26	13.2	24.0	18.7	86.1	18.344	16.1	0.0	0.0	0.0	5.8
27	12.8	24.0	18.1	89.0	18.603	16.3	6.9	0.0	6.9	3.5
28	14.2	19.6	15.0	94.6	16.440	14.4	13.4	9.5	22.9	1.0
29	13.2	22.4	17.4	88.4	17.189	15.1	0.5	9.4	9.9	4.9
30	14.2	20.2	15.4	94.5	16.907	14.8	2.7	0.1	2.8	1.1
31	12.0	20.8	15.5	91.1	16.254	14.2	2.7	6.0	8.7	3.8
PROM.	13.2	23.3	17.8	83.0	16.640	14.5	62.4	81.1	143.5	142.1

M E S – ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.2	21.4	16.5	89.5	16.844	14.7	0.0	36.6	36.6	6.1
2	12.2	21.4	16.3	88.6	16.397	14.4	2.4	0.0	2.4	1.8
3	11.2	23.0	16.5	84.9	15.644	13.6	0.0	26.6	26.6	7.3
4	11.4	20.0	14.9	93.4	15.873	13.8	1.8	0.0	1.8	2.6
5	11.2	23.8	16.1	83.1	15.150	13.2	2.2	0.0	2.2	8.7
6	11.6	22.0	16.8	75.9	14.367	12.3	0.0	0.0	0.0	5.8
7	11.2	22.3	16.8	81.7	15.548	13.5	0.0	0.0	0.0	4.4
8	12.4	22.4	15.2	89.8	16.087	14.0	11.9	0.0	11.9	3.9
9	12.4	24.1	17.4	83.8	16.394	14.3	0.0	0.0	0.0	9.9
10	12.6	23.4	18.0	80.0	16.638	14.5	0.0	0.0	0.0	5.9
11	15.2	23.8	19.3	82.0	17.942	15.8	0.0	1.6	1.6	5.8
12	15.4	21.8	17.2	89.9	17.617	15.5	1.0	0.0	1.0	0.9
13	13.2	23.8	18.4	85.7	17.847	15.7	0.0	0.0	0.0	7.2
14	14.4	21.3	17.5	94.9	18.868	16.6	0.0	0.0	0.0	1.1
15	13.2	24.0	19.2	79.2	17.162	15.1	0.0	0.0	0.0	8.9
16	14.0	21.5	17.2	93.0	18.159	15.9	0.0	0.0	0.0	1.3
17	14.2	20.9	17.1	95.3	18.638	16.4	2.6	0.0	2.6	1.6
18	13.4	24.8	18.6	81.3	17.090	15.0	0.0	0.0	0.0	7.5
19	13.0	22.8	18.3	86.3	18.017	15.9	0.0	0.0	0.0	0.8
20	13.0	23.4	18.6	82.4	17.516	15.4	0.0	0.0	0.0	6.6
21	13.4	20.8	16.9	93.3	18.034	15.9	0.0	0.0	0.0	0.1
22	12.2	23.2	16.7	90.8	17.242	15.1	3.7	0.6	4.3	7.2
23	12.6	16.0	13.5	97.6	15.174	13.2	27.6	0.4	28.0	0.0
24	12.2	22.0	16.3	91.5	16.998	14.9	0.0	0.0	0.0	5.7
25	14.2	22.6	17.2	84.0	16.544	14.5	0.0	20.0	20.0	6.6
26	13.2	21.4	16.6	95.4	17.794	15.6	7.9	25.0	32.9	3.1
27	12.2	20.2	16.1	92.4	16.904	14.9	6.0	7.9	13.9	0.6
28	13.2	20.5	16.2	91.7	16.853	14.8	8.2	2.1	10.3	2.9
29	11.2	19.2	15.1	91.8	15.839	13.8	2.5	0.2	2.7	4.1
30	11.6	19.8	15.9	90.9	16.463	14.4	0.0	6.5	6.5	2.0
PROM.	12.7	21.9	16.9	88.0	16.855	14.8	77.8	127.5	205.3	130.4

ESTACION: AGRONOMIA MUNICIPIO: MANIZALES AÑO: 1.977

ALTITUD: 2.150 LATITUD: 5-04 N. LONGITUD: 75-31 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.4	23.0	17.8	86.5	17.570	15.4	0.0	0.0	0.0	9.3
2	11.6	22.5	17.7	87.9	17.686	15.5	0.0	2.6	2.6	4.7
3	13.8	23.6	17.5	90.2	18.183	16.0	19.3	52.0	71.3	3.9
4	12.2	20.7	16.2	91.2	17.015	14.9	0.1	0.0	0.1	2.9
5	12.2	18.6	14.8	93.2	15.622	13.7	2.0	0.0	2.0	0.1
6	11.4	20.4	16.2	83.4	15.174	13.2	0.0	0.0	0.0	2.5
7	11.6	21.5	16.2	90.6	16.643	14.6	1.2	0.0	1.2	2.8
8	12.4	21.4	17.7	82.0	16.340	14.3	0.8	0.0	0.8	4.6
9	13.1	21.4	16.8	88.5	16.814	14.8	0.0	0.0	0.0	2.3
10	14.2	20.8	16.8	83.1	16.097	14.1	0.3	0.0	0.3	4.4
11	12.6	22.0	17.2	91.7	17.831	15.7	0.0	0.0	0.0	0.7
12	13.6	21.4	17.9	88.3	18.041	15.9	0.0	0.0	0.0	3.2
13	14.4	22.0	18.1	86.9	18.045	15.9	0.8	0.0	0.8	1.9
14	14.0	20.8	15.5	93.1	16.694	14.6	3.2	0.0	3.2	0.2
15	13.2	19.5	14.8	95.7	16.134	14.1	6.3	0.0	6.3	2.2
16	10.2	21.6	16.6	88.6	16.310	14.2	0.5	0.9	1.4	5.7
17	13.4	21.6	17.3	86.6	17.087	15.0	0.0	0.7	0.7	4.7
18	13.2	23.8	17.7	83.5	16.837	14.7	0.0	6.4	6.4	8.7
19	13.2	23.3	18.0	89.3	18.155	15.9	0.0	23.0	23.0	5.5
20	12.4	20.6	16.2	89.2	16.430	14.3	0.0	0.0	0.0	0.8
21	13.2	20.4	16.7	89.2	16.973	14.9	0.0	0.0	0.0	0.2
22	14.2	20.0	15.7	90.4	16.420	14.4	0.9	0.8	1.7	1.2
23	13.2	17.4	15.2	95.9	16.808	14.7	9.8	5.1	14.9	1.0
24	10.4	20.8	16.4	89.2	16.422	14.3	0.4	0.0	0.4	4.2
25	12.2	18.8	15.2	92.9	16.080	14.1	2.5	0.0	2.5	0.4
26	12.4	20.7	16.8	85.1	16.282	14.3	6.9	6.4	13.3	3.1
27	12.4	20.8	15.8	91.3	16.542	14.5	2.6	0.0	2.6	0.9
28	12.6	20.8	15.9	90.8	16.433	14.4	3.0	0.0	3.0	1.0
29	11.6	20.6	16.6	89.7	17.000	14.9	0.2	0.0	0.2	0.7
30	12.4	23.0	16.9	84.0	16.143	14.1	0.8	0.0	0.8	3.5
31	13.2	19.0	15.2	92.6	16.441	14.4	6.1	0.0	6.1	0.9
PROM.	12.6	21.1	16.6	89.1	16.782	14.7	67.7	97.9	165.6	88.2

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.4	19.8	15.1	93.8	16.130	14.1	9.7	18.0	27.7	3.0
2	12.2	19.2	14.8	94.8	16.227	14.1	9.9	0.0	9.9	1.0
3	12.4	20.6	16.9	89.9	17.148	15.1	0.3	0.0	0.3	1.4
4	13.2	20.8	16.6	88.8	17.026	14.9	0.0	0.0	0.0	3.1
5	12.4	21.8	16.0	91.8	16.556	14.5	1.2	0.0	1.2	2.8
6	12.6	21.8	16.1	90.1	16.782	14.7	1.9	0.7	2.6	3.0
7	13.2	17.4	15.2	96.5	16.677	14.6	4.3	9.4	13.7	0.2
8	12.4	20.0	16.9	90.4	17.192	15.1	0.0	0.0	0.0	8.9
9	13.4	22.2	16.5	83.9	15.889	13.9	0.0	0.0	0.0	0.0
10	12.0	20.8	16.1	91.2	16.850	14.7	3.6	0.0	3.6	2.9
11	13.6	19.8	16.0	85.7	15.541	13.5	0.0	28.5	28.5	3.8
12	11.4	18.3	14.3	93.2	15.215	13.2	11.3	0.8	12.1	3.2
13	11.6	19.0	14.2	95.1	15.395	13.4	3.8	2.7	6.5	2.1
14	11.4	20.6	15.8	88.0	15.987	14.0	1.2	0.0	1.2	3.4
15	11.6	23.5	17.6	80.0	16.003	14.0	0.0	0.0	0.0	10.9
16	10.8	21.9	16.8	85.8	16.300	14.3	0.0	0.0	0.0	3.9
17	13.4	23.3	18.1	84.1	17.348	15.2	0.0	0.0	0.0	9.2
18	10.4	22.0	17.0	83.6	16.318	14.3	2.2	0.0	2.2	5.8
19	13.4	22.0	17.5	79.7	15.981	14.0	0.0	0.0	0.0	7.8
20	13.4	20.8	15.6	91.8	16.466	14.5	21.5	0.0	21.5	2.1
21	12.6	20.6	15.0	91.5	15.580	13.6	1.5	0.0	1.5	1.5
22	12.2	22.2	17.0	83.7	16.243	14.2	0.0	0.0	0.0	8.2
23	12.4	22.8	17.5	80.9	16.020	14.0	0.0	0.0	0.0	7.4
24	14.2	23.8	18.1	79.0	16.208	14.2	0.0	0.0	0.0	7.2
25	13.4	23.9	18.4	81.9	17.168	15.1	0.0	0.0	0.0	8.8
26	14.4	23.4	17.5	81.7	16.483	14.5	0.0	0.0	0.0	4.3
27	12.2	24.0	17.3	78.7	15.256	13.3	0.0	0.0	0.0	9.7
28	13.4	22.0	16.6	86.6	16.577	14.6	4.2	0.0	4.2	4.3
29	13.4	19.4	16.1	85.6	15.863	13.8	0.5	0.4	0.9	2.8
30	12.4	18.8	16.0	93.3	16.971	14.9	1.2	50.4	51.6	0.7
PROM.	12.6	21.2	16.4	87.4	16.313	14.3	78.3	110.9	189.2	133.4

ESTACION AGRONOMIA MUNICIPIO: MANIZALES AÑO: 1.977

ALTITUD: 2.150 LATITUD: 5-04 N. LONGITUD: 75-31 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.2	22.8	14.3	89.0	14.606	12.6	6.0	0.3	6.3	4.3
2	11.2	23.8	16.7	84.4	15.896	13.8	0.0	0.0	0.0	7.0
3	12.2	23.0	17.6	84.7	16.806	14.7	0.0	0.0	0.0	7.6
4	14.2	23.9	17.5	85.9	17.137	15.0	0.0	0.0	0.0	5.7
5	14.2	20.6	15.9	90.2	16.419	14.4	2.7	1.3	4.0	2.5
6	13.2	20.0	15.2	92.1	15.921	13.9	0.1	6.9	7.0	1.7
7	12.2	20.0	15.9	87.4	15.721	13.7	0.1	0.0	0.1	5.0
8	12.4	20.3	16.1	87.1	15.738	13.8	0.0	0.0	0.0	7.0
9	12.0	20.4	15.6	89.9	16.085	14.1	0.0	0.0	0.0	4.1
10	12.0	22.0	16.7	80.8	15.339	13.4	0.0	0.0	0.0	7.0
11	12.0	23.8	18.1	66.8	12.932	10.7	0.0	0.0	0.0	10.3
12	13.6	20.8	16.9	80.9	15.570	13.5	0.0	0.0	0.0	1.5
13	12.4	23.8	19.0	72.4	15.578	13.5	0.0	0.0	0.0	9.9
14	14.2	20.6	17.6	84.1	16.775	14.8	0.0	0.2	0.2	3.6
15	14.4	19.8	17.0	92.1	17.726	15.6	0.2	8.2	8.4	1.3
16	12.0	22.0	17.6	79.8	15.791	13.8	0.2	0.0	0.2	6.7
17	14.1	23.0	18.5	73.2	15.294	13.3	0.0	0.0	0.0	7.4
18	11.6	24.6	18.6	76.1	15.719	13.7	0.0	0.0	0.0	10.2
19	13.8	22.0	17.7	76.1	15.123	13.1	0.0	7.4	7.4	5.3
20	12.9	20.0	16.1	88.1	15.971	14.0	3.8	0.0	3.8	4.9
21	13.0	24.0	19.1	69.2	14.598	12.6	0.0	0.0	0.0	9.8
22	13.0	23.3	18.4	74.0	15.379	13.4	0.0	0.0	0.0	9.9
23	13.4	24.2	18.2	77.7	16.043	14.0	0.0	1.6	1.6	8.8
24	13.3	20.6	16.3	76.7	14.215	12.2	0.0	0.0	0.0	1.9
25	13.4	22.0	16.4	91.0	16.976	15.0	0.8	0.0	0.8	2.0
26	13.7	21.6	16.4	89.5	16.879	14.8	17.7	23.3	41.0	2.4
27	13.0	18.0	15.0	90.6	15.356	13.4	1.5	0.0	1.5	0.8
28	12.4	24.0	17.7	73.0	14.415	12.4	0.0	0.0	0.0	10.8
29	14.0	25.1	19.0	70.2	14.972	13.0	0.0	0.0	0.0	11.0
30	13.4	23.9	18.7	76.6	16.117	14.1	0.0	4.4	4.4	9.2
31	13.0	18.8	15.2	92.1	15.844	13.9	4.5	10.6	15.1	1.4
PROM.	12.9	22.0	17.1	82.0	15.708	13.7	37.6	64.2	101.8	181.0

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.0	19.6	15.4	88.6	15.510	13.5	0.0	0.0	0.0	2.9
2	12.4	21.4	17.6	80.1	15.904	13.9	0.0	0.0	0.0	8.1
3	12.4	22.9	17.7	76.0	15.089	13.1	0.0	0.0	0.0	6.8
4	14.2	22.6	17.4	84.5	16.722	14.7	0.0	0.0	0.0	4.8
5	13.4	20.8	16.7	88.4	16.766	14.7	0.1	0.0	0.1	2.0
6	13.4	19.5	16.6	89.7	16.876	14.8	3.2	0.3	3.5	1.5
7	13.2	20.0	15.2	85.4	14.929	12.9	4.7	6.5	11.2	1.9
8	12.6	20.6	15.9	88.4	15.888	13.9	2.3	1.4	3.7	1.3
9	13.2	18.6	15.0	92.4	15.843	13.8	2.6	0.1	2.7	2.2
10	12.8	21.4	16.6	81.3	15.197	13.2	0.0	0.0	0.0	5.0
11	13.0	22.0	17.1	87.3	16.760	14.7	0.0	0.0	0.0	5.3
12	12.0	21.0	16.6	82.7	15.517	13.5	0.6	1.2	1.8	5.7
13	11.4	22.0	16.5	82.4	15.206	13.2	0.0	21.5	21.5	6.9
14	11.6	20.0	15.8	87.8	15.525	13.5	0.5	0.1	0.6	6.1
15	13.2	20.8	16.3	89.1	16.472	14.5	0.9	6.5	7.4	5.5
16	13.2	18.4	15.4	94.6	16.601	14.6	0.7	0.0	0.7	0.4
17	12.2	22.8	16.9	81.5	15.449	13.4	0.0	0.9	0.9	7.3
18	14.0	22.1	17.2	87.2	17.122	15.0	0.0	0.0	0.0	4.6
19	12.9	22.8	17.1	81.7	15.818	13.8	0.0	23.1	23.1	6.9
20	13.0	19.0	15.9	90.6	16.331	14.3	2.8	10.0	12.8	0.7
21	12.2	20.6	16.2	92.3	16.842	14.8	0.8	0.0	0.8	2.0
22	12.8	22.0	17.4	79.5	15.627	13.6	2.6	0.0	2.6	9.4
23	12.4	23.3	17.7	73.8	14.718	12.7	0.0	0.0	0.0	11.2
24	13.0	23.0	17.8	74.5	14.908	13.0	0.0	0.0	0.0	9.8
25	13.4	24.1	18.8	73.4	15.590	13.6	0.0	0.0	0.0	6.9
26	14.0	23.8	17.2	82.1	16.283	14.3	2.4	0.0	2.4	6.6
27	12.9	22.0	16.7	84.9	15.937	13.9	0.1	0.0	0.1	7.4
28	12.4	24.1	18.6	71.1	14.737	12.8	0.0	0.0	0.0	10.3
29	14.2	23.1	17.8	76.6	15.694	13.6	0.0	0.0	0.0	5.7
30	13.2	23.2	17.7	82.9	16.668	14.5	0.0	0.5	0.5	3.0
31	14.2	20.6	16.1	92.6	16.840	14.8	0.3	0.0	0.3	1.3
PROM.	13.0	21.6	16.8	84.0	15.915	13.9	24.6	72.1	96.7	158.6

ESTACION: AGRONOMIA MUNICIPIO: MANIZALES AÑO: 1.977

ALTITUD: 2.150 LATITUD: 5-04 N. LONGITUD: 75-31 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.2	21.0	16.9	72.7	13.826	11.8	0.0	0.0	0.0	4.4
2	13.9	21.8	17.8	70.9	14.142	12.1	0.0	0.0	0.0	4.3
3	13.4	23.4	17.5	79.2	15.773	13.8	0.0	0.4	0.4	7.6
4	12.4	24.4	17.4	71.5	13.825	11.8	0.0	53.2	53.2	7.4
5	12.4	22.8	17.8	77.3	15.603	13.7	0.0	0.0	0.0	5.3
6	13.2	24.0	17.8	64.2	13.034	10.8	0.1	0.0	0.1	8.5
7	13.2	24.6	18.8	54.6	11.887	9.4	0.0	0.0	0.0	10.4
8	14.2	23.8	18.6	68.4	14.395	12.4	0.1	0.0	0.1	7.4
9	14.2	23.0	18.6	71.6	14.957	13.0	0.0	4.3	4.3	7.6
10	13.4	22.0	17.9	73.7	15.056	13.1	0.1	0.2	0.3	2.8
11	15.0	22.0	17.5	71.4	14.077	12.1	0.2	0.0	0.2	4.0
12	13.2	19.8	15.6	89.4	16.025	14.0	3.6	3.3	6.9	4.0
13	13.7	21.0	15.4	87.7	15.636	13.7	10.2	7.9	18.1	1.9
14	12.0	19.0	14.4	89.9	15.195	13.2	9.1	0.0	9.1	0.6
15	12.0	19.0	16.0	84.8	15.332	13.3	0.1	0.0	0.1	3.0
16	13.0	22.8	17.1	78.2	15.172	13.2	0.0	0.0	0.0	4.5
17	14.2	23.0	18.3	82.1	17.127	15.0	0.0	0.3	0.3	6.9
18	13.0	23.0	17.6	77.5	15.424	13.4	0.0	9.3	9.3	6.2
19	12.0	21.8	16.2	87.5	16.062	14.0	0.5	0.1	0.6	4.6
20	13.2	20.8	15.7	92.5	16.553	14.5	19.5	0.5	20.0	4.0
21	13.2	19.6	15.9	88.4	16.018	14.0	1.4	1.5	2.9	1.2
22	12.4	21.0	15.6	85.6	15.201	13.2	0.1	0.3	0.4	1.4
23	14.2	22.0	15.8	90.3	16.392	14.4	4.4	0.0	4.4	2.2
24	13.2	21.0	16.0	88.0	16.306	14.2	14.7	4.2	18.9	3.5
25	13.2	20.0	15.4	87.3	15.337	13.4	0.1	34.9	35.0	2.2
26	13.2	17.4	15.0	97.0	16.593	14.6	0.2	0.5	0.7	0.0
27	13.2	16.0	14.1	94.2	15.232	13.3	10.3	9.3	19.6	4.0
28	12.4	18.6	14.7	89.9	15.093	13.1	11.7	0.0	11.7	2.1
29	12.2	19.8	14.5	87.2	14.625	12.6	4.9	0.2	5.1	1.3
30	11.2	20.9	15.4	84.1	14.648	12.6	10.0	0.8	10.8	5.2
PROM.	13.1	21.3	16.5	81.2	15.152	13.1	101.3	131.2	232.5	128.9

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.4	20.0	15.8	88.8	15.893	13.9	0.9	17.0	17.9	1.4
2	11.9	20.8	16.2	88.7	16.233	14.2	0.1	0.0	0.1	10.9
3	12.0	22.0	16.7	79.0	15.105	13.1	0.6	0.0	0.6	
4	13.2	23.0	16.6	80.8	15.387	13.4	4.7	3.9	8.6	
5	12.0	22.0	17.2	81.8	15.796	13.8	0.0	0.0	0.0	
6	13.2	21.0	15.7	88.8	16.083	14.0	5.5	0.1	5.6	3.4
7	13.0	18.0	15.3	86.7	15.092	13.1	0.4	2.6	3.0	0.4
8	12.2	22.0	16.8	85.0	16.392	14.3	0.3	5.6	5.9	5.4
9	13.2	20.4	16.2	87.0	16.057	14.1	0.0	14.2	14.2	1.6
10	13.2	20.6	16.0	90.4	16.390	14.4	11.1	9.6	20.7	0.5
11	12.2	21.8	16.5	86.2	16.021	14.0	2.2	28.0	30.2	3.9
12	13.2	17.8	14.5	93.5	15.628	13.6	12.0	0.1	12.1	0.5
13	13.2	19.8	15.7	93.7	16.696	14.7	2.0	1.9	3.9	1.3
14	11.4	22.6	16.2	79.6	14.645	12.5	0.0	0.0	0.0	6.0
15	13.4	22.1	16.2	86.5	16.161	14.1	6.1	1.2	7.3	4.7
16	12.2	22.0	17.0	75.7	14.607	12.6	0.0	0.0	0.0	3.6
17	13.4	22.0	16.5	84.9	16.033	14.0	11.8	0.1	11.9	2.3
18	13.2	22.5	17.2	83.9	16.483	14.4	0.0	0.0	0.0	2.1
19	13.4	22.8	16.7	87.9	16.735	14.7	2.9	0.0	2.9	2.2
20	14.2	21.5	16.4	78.2	15.118	13.1	1.2	0.2	1.4	4.0
21	13.2	22.5	16.5	87.3	16.221	14.2	0.4	0.0	0.4	3.9
22	14.0	21.0	15.3	87.9	15.590	13.6	6.3	0.0	6.3	2.0
23	12.2	22.2	16.6	87.2	16.375	14.3	0.0	0.6	0.6	2.6
24	13.0	19.4	15.2	92.5	15.925	13.9	5.4	0.0	5.4	1.9
25	12.8	23.0	15.3	88.4	15.525	13.5	1.8	0.0	1.8	5.2
26	13.0	17.4	14.2	91.6	14.826	12.8	0.2	0.0	0.2	0.0
27	13.0	21.1	15.6	83.5	14.888	12.9	0.1	1.0	1.1	3.1
28	13.4	21.0	15.2	89.5	15.635	13.7	24.0	8.8	32.8	4.1
29	11.2	20.2	15.5	80.7	14.134	12.1	0.0	0.0	0.0	3.4
30	11.4	20.0	13.3	90.7	14.334	12.2	10.5	0.0	10.5	3.7
31	10.4	21.6	15.4	79.2	13.974	11.8	0.0	0.0	0.0	6.7
PROM.	12.7	21.1	15.9	86.0	15.612	13.6	110.5	94.9	205.4	

ESTACION: AGRONOMIA **MUNICIPIO:** MANIZALES **AÑO:** 1.977

ALTITUD: 2.150 **LATITUD:** 5-04 N. **LONGITUD:** 75-31 W.

M E S — NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.4	21.1	15.3	82.5	14.559	12.6	1.7	0.0	1.7	5.0
2	12.2	22.8	16.2	80.6	15.054	13.0	0.5	0.2	0.7	3.9
3	13.4	21.5	15.8	88.3	16.102	14.1	0.9	0.0	0.9	2.0
4	12.2	18.3	14.2	95.3	15.581	13.5	29.2	0.4	29.6	0.0
5	11.0	20.5	14.0	87.1	14.183	12.1	9.9	6.6	16.5	3.2
6	12.0	21.0	14.4	86.5	14.208	12.2	10.8	0.0	10.8	2.9
7	12.6	18.5	14.7	89.3	15.121	13.1	2.3	3.6	5.9	0.6
8	12.0	20.0	15.5	84.7	14.667	12.6	0.0	0.0	0.0	2.3
9	13.2	22.6	15.7	80.3	14.767	12.7	0.3	0.0	0.3	5.0
10	12.2	17.9	14.1	94.0	15.287	13.3	12.0	0.9	12.0	0.7
11	11.2	21.1	15.5	85.8	15.171	13.1	0.0	6.0	6.0	2.5
12	12.4	20.0	14.2	95.1	15.163	13.2	49.4	4.4	53.8	8.6
13	11.6	18.6	13.8	93.1	14.957	12.9	6.1	2.2	8.3	0.6
14	11.6	21.0	15.2	80.7	13.836	11.7	16.7	0.0	16.7	5.0
15	12.2	22.0	16.5	80.6	14.913	12.9	0.0	0.0	0.0	8.3
16	12.4	22.7	17.1	79.7	15.384	13.4	0.0	2.5	2.5	6.2
17	12.2	21.0	16.8	82.1	15.442	13.4	0.4	2.2	2.6	2.5
18	12.2	17.3	14.3	90.4	14.759	12.8	1.5	0.3	1.8	1.9
19	11.4	20.0	15.7	84.8	14.983	13.0	0.0	0.0	0.0	3.2
20	11.4	23.0	17.5	77.9	15.304	13.3	0.0	0.0	0.0	6.3
21	11.4	23.0	17.0	76.9	14.809	12.7	0.0	0.0	0.0	5.6
22	12.4	22.0	16.4	82.2	15.319	13.3	0.6	0.0	0.6	6.9
23	12.0	22.0	17.1	81.9	15.760	13.7	0.0	0.0	0.0	4.7
24	12.2	22.0	16.8	81.1	15.365	13.3	0.0	0.0	0.0	5.9
25	12.2	22.4	15.9	83.4	15.175	13.1	21.7	0.3	22.0	5.2
26	12.2	19.7	16.0	84.5	15.311	13.3	0.1	0.0	0.1	2.8
27	12.4	22.9	17.5	76.6	15.130	13.1	0.0	0.0	0.0	7.7
28	12.4	22.6	17.3	78.7	15.408	13.4	0.0	0.0	0.0	8.1
29	13.0	24.0	17.3	76.4	14.884	12.9	0.0	0.0	0.0	8.8
30	12.2	22.4	16.9	65.9	12.418	10.1	0.0	0.0	0.0	8.6
PROM.	12.1	21.1	15.8	83.5	14.967	12.9	164.1	28.7	192.8	135.0

M E S — DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.4	23.7	16.5	78.1	14.668	12.6	0.0	0.0	0.0	5.6
2	12.0	21.5	15.8	84.2	14.993	13.0	0.1	18.7	18.8	4.5
3	12.2	21.9	16.5	85.6	15.993	14.0	0.0	0.0	0.0	6.1
4	12.6	23.7	17.1	80.2	15.728	13.7	0.0	0.0	0.0	6.2
5	12.2	21.5	15.8	83.6	15.110	13.1	14.1	0.0	14.1	4.6
6	12.4	21.6	15.3	82.7	14.588	12.6	5.1	1.0	6.1	3.8
7	12.4	19.5	15.4	85.1	15.001	12.9	0.5	0.0	0.5	3.0
8	11.6	22.8	16.8	79.1	15.018	12.9	0.0	0.0	0.0	9.2
9	13.6	22.7	15.5	83.3	15.032	13.0	30.0	0.0	30.0	5.3
10	12.4	22.0	14.7	84.8	14.622	12.6	20.2	0.0	20.2	4.7
11	11.8	20.4	15.6	82.6	14.755	12.8	0.0	0.0	0.0	4.4
12	11.8	22.0	15.6	78.0	13.894	11.8	0.5	0.0	0.5	6.5
13	12.6	18.3	14.2	84.8	13.862	11.8	0.9	0.0	0.9	2.0
14	11.2	22.6	16.3	79.3	14.484	12.4	0.0	0.0	0.0	6.4
15	11.4	22.3	17.0	83.8	15.800	13.8	0.0	0.0	0.0	6.7
16	12.8	21.4	16.3	86.5	15.941	13.9	0.0	0.0	0.0	4.4
17	11.8	23.0	16.8	77.6	14.652	12.6	0.0	0.0	0.0	9.1
18	11.9	22.6	17.2	78.3	15.220	13.2	0.0	0.0	0.0	7.7
19	12.2	20.4	15.4	89.2	15.421	13.4	0.0	0.0	0.0	1.2
20	12.2	24.8	17.4	75.7	14.858	12.8	0.0	0.0	0.0	8.9
21	13.0	23.7	17.6	73.5	14.580	12.5	0.0	0.0	0.0	6.3
22	13.4	24.6	18.7	72.2	15.120	13.2	0.0	0.0	0.0	9.5
23	14.2	25.0	18.6	72.4	15.265	13.3	0.0	0.0	0.0	8.7
24	14.0	24.0	18.1	78.4	16.081	14.1	0.0	0.0	0.0	4.5
25	13.4	21.0	16.5	86.5	16.434	14.4	0.0	0.0	0.0	0.4
26	12.8	23.6	16.6	78.9	14.869	12.9	0.4	0.0	0.4	2.1
27	12.2	21.5	16.3	83.6	15.366	13.3	0.1	6.6	6.7	0.5
28	12.2	21.5	15.0	89.9	15.555	13.6	24.5	0.5	25.0	3.8
29	11.4	17.3	14.0	91.3	14.850	12.9	4.5	0.0	4.5	0.4
30	11.2	22.6	16.2	75.3	13.662	11.6	0.2	0.0	0.2	9.2
31	11.2	22.8	16.8	79.9	15.072	13.0	0.0	0.0	0.0	9.1
PROM.	12.3	22.1	16.3	81.4	15.048	13.0	101.1	26.8	127.9	164.8

ESTACION: AGRONOMIA MUNICIPIO MANIZALES AÑO: 1.977

ALTITUD: 2.150 LATITUD: 5-04 N. LONGITUD: 75-31 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	12.4	23.6	17.6	11.0	26.0	80.3	15.877	13.8	38.7	10	232.9
FEBRERO	12.5	22.2	17.2	11.0	25.4	85.2	16.467	14.4	29.2	15	146.0
MARZO	13.2	23.3	17.8	12.0	26.6	83.0	16.640	14.5	143.5	17	142.1
ABRIL	12.7	21.9	16.9	11.2	24.6	88.0	16.855	14.8	205.3	17	130.4
MAYO	12.6	21.1	16.6	10.2	23.8	89.1	16.782	14.7	165.6	24	88.2
JUNIO	12.6	21.2	16.4	10.4	24.0	87.4	16.313	14.3	189.2	17	133.4
JULIO	12.9	22.0	17.1	11.2	25.1	82.0	15.708	13.7	101.8	15	181.0
AGOSTO	13.0	21.6	16.8	11.4	24.1	84.0	15.915	13.9	96.7	19	158.6
SEPTIEMBRE	13.1	21.3	16.5	11.2	24.6	81.2	15.152	13.1	232.5	25	128.9
OCTUBRE	12.7	21.1	15.9	10.4	23.0	86.0	15.612	13.6	205.4	25	
NOVIEMBRE	12.1	21.1	15.8	11.0	24.0	83.5	14.967	12.9	192.8	19	135.0
DICIEMBRE	12.3	22.1	16.3	11.2	25.0	81.4	15.048	13.0	127.9	13	164.8
PROMEDIO	12.7	21.9	16.7	11.0	24.7	0.9	15.945	13.9			
TOTAL									1728.6	216	

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO: PALESTINA AÑO: 1.977

ALTITUD: 1.010 LATITUD: 5-04 N. LONGITUD: 75-41 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	34.4	24.3	67.8	18.905	16.4	0.0	0.0	0.0	8.4
2	17.8	31.3	24.2	60.1	17.137	15.0	0.0	0.0	0.0	8.0
3	17.5	33.4	24.8	62.9	18.800	16.4	0.0	0.0	0.0	10.3
4	15.2	33.6	23.7	65.4	17.915	15.7	0.0	0.0	0.0	9.9
5	14.4	34.4	22.0	63.9	15.679	13.6	0.0	0.0	0.0	10.1
6	12.5	34.7	22.1	59.0	13.808	11.6	0.0	0.0	0.0	9.9
7	15.0	32.6	24.2	61.7	17.058	14.4	0.0	0.0	0.0	9.2
8	15.0	34.8	22.8	59.7	14.977	12.9	0.0	0.0	0.0	10.5
9	13.5	34.4	22.2	60.9	14.322	12.1	0.0	0.0	0.0	10.2
10	14.6	32.5	22.4	64.4	15.442	13.1	0.0	0.0	0.0	8.5
11	13.5	33.0	22.3	63.6	15.204	12.8	0.0	0.0	0.0	9.9
12	15.0	33.7	23.0	60.7	15.326	13.1	0.0	0.0	0.0	10.0
13	13.7	31.5	22.7	62.2	15.074	12.8	0.0	0.0	0.0	5.8
14	14.4	33.5	23.5	61.0	15.728	13.6	0.0	0.0	0.0	8.6
15	15.8	34.6	24.7	65.1	19.281	16.8	0.0	0.0	0.0	9.1
16	18.0	34.1	26.3	60.5	19.395	16.8	0.0	0.0	0.0	8.4
17	17.8	34.0	24.9	62.9	18.536	16.2	0.0	0.0	0.0	7.2
18	18.4	32.8	24.1	66.9	19.096	16.6	0.0	0.0	0.0	8.2
19	16.2	33.4	24.2	66.7	18.673	16.4	0.0	0.0	0.0	7.6
20	15.5	33.5	24.3	60.3	16.443	14.0	0.0	0.0	0.0	10.3
21	16.0	34.8	24.4	61.4	16.619	14.2	0.0	0.0	0.0	10.0
22	15.4	35.0	24.1	60.8	16.803	14.8	0.0	0.3	0.3	9.2
23	17.5	30.0	23.2	64.4	17.497	15.2	0.0	0.0	0.0	5.2
24	18.6	31.1	24.0	62.7	17.416	15.0	0.3	0.0	0.3	4.6
25	15.3	33.8	24.8	58.2	16.308	14.1	0.0	0.0	0.0	9.7
26	16.0	31.5	23.3	61.4	16.034	13.9	0.0	0.2	0.2	7.5
27	17.6	33.5	24.0	60.1	16.504	14.1	0.0	0.0	0.0	8.4
28	17.5	35.8	24.3	57.6	15.564	13.0	0.0	0.0	0.0	8.8
29	18.0	33.4	25.1	57.8	17.082	14.7	0.0	11.4	11.4	8.0
30	17.5	32.4	24.0	61.8	17.193	14.9	0.7	21.6	22.3	6.5
31.	17.8	31.5	22.0	67.3	16.996	14.8	0.0	0.0	0.0	8.0
PROM.	16.1	33.3	23.7	62.2	16.800	14.5	1.0	33.5	34.5	266.0

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.6	31.4	22.6	68.3	17.462	15.1	0.2	0.1	0.3	6.9
2	17.0	32.8	23.4	64.1	16.928	14.6	0.0	0.0	0.0	9.2
3	16.0	34.1	24.1	57.5	15.251	13.0	0.0	0.0	0.0	9.3
4	17.3	31.9	23.4	60.8	15.869	13.6	0.0	0.0	0.0	4.1
5	15.4	32.6	25.0	62.6	17.718	15.6	0.0	0.0	0.0	9.4
6	17.1	33.8	24.4	53.3	14.328	11.9	0.0	0.0	0.0	8.7
7	15.8	30.0	21.4	70.3	17.046	14.9	0.0	0.0	0.0	2.0
8	15.3	34.8	24.1	61.2	15.673	13.2	0.0	0.0	0.0	8.6
9	16.4	31.0	23.5	69.3	18.883	16.4	0.5	0.0	0.5	4.0
10	19.0	31.9	24.2	65.6	18.741	16.3	0.0	0.0	0.0	6.5
11	19.0	32.8	23.6	68.0	18.849	16.3	0.0	1.5	1.5	6.9
12	18.3	27.0	21.6	74.6	18.783	16.4	0.0	0.0	0.0	0.1
13	17.2	33.5	24.0	63.5	17.184	14.8	0.0	0.0	0.0	7.5
14	19.0	33.6	25.0	60.8	18.113	15.8	0.0	39.2	39.2	6.2
15	18.1	32.5	23.9	65.0	17.931	15.5	0.0	0.0	0.0	8.3
16	17.4	31.3	23.8	64.4	17.794	15.5	0.0	0.0	0.0	7.6
17	18.5	32.8	23.8	66.1	18.568	16.1	0.0	2.6	2.6	6.0
18	15.5	33.6	23.4	66.7	17.371	15.0	0.0	0.0	0.0	8.3
19	18.0	28.5	20.7	79.5	19.289	16.9	0.5	0.0	0.5	2.2
20	16.8	30.8	21.8	70.3	17.136	14.7	1.0	1.0	2.0	6.2
21	17.0	31.9	22.6	67.1	16.927	14.5	0.0	0.0	0.0	9.0
22	18.4	32.0	23.5	64.7	17.727	15.2	4.4	0.0	4.4	6.0
23	14.5	34.1	24.7	55.0	14.852	12.6	0.0	0.2	0.2	10.3
24	18.2	33.8	24.4	64.8	17.901	15.3	0.0	12.3	12.3	6.8
25	18.5	32.5	23.0	68.9	18.139	15.6	2.9	0.0	2.9	7.4
26	18.2	32.8	23.6	65.3	17.803	15.3	0.3	0.0	0.3	7.1
27	18.6	31.0	24.4	59.3	16.867	14.6	0.0	0.0	0.0	4.0
28	16.0	34.3	24.2	72.0	20.655	18.0	0.0	0.0	0.0	4.8
PROM.	17.3	32.3	23.5	65.3	17.492	15.1	9.8	56.9	66.7	183.4

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO: PALESTINA AÑO: 1.977

ALTITUD: 1.010 LATITUD: 5-04 N. LONGITUD: 75-41 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.2	31.8	24.5	64.5	18.688	16.2	0.0	0.0	0.0	3.1
2	18.4	34.5	25.4	60.0	17.500	15.1	0.0	0.0	0.0	8.8
3	16.8	34.1	25.1	60.4	17.303	15.1	0.0	0.0	0.0	7.0
4	16.1	34.5	24.6	60.0	16.273	14.0	0.0	0.0	0.0	6.7
5	17.1	35.3	24.5	60.6	17.251	15.1	0.0	0.0	0.0	8.3
6	18.0	33.2	25.7	60.1	18.331	16.0	0.0	0.0	0.0	3.7
7	16.0	34.8	23.8	59.6	15.946	13.8	0.0	0.0	0.0	5.4
8	14.0	36.1	23.4	64.0	16.871	14.8	0.0	0.0	0.0	6.2
9	15.2	35.3	25.1	54.3	14.708	12.5	0.0	0.0	0.0	8.4
10	16.8	36.8	26.4	51.1	15.100	13.0	0.0	0.0	0.0	8.9
11	18.5	33.6	26.7	53.9	17.140	14.9	0.0	0.0	0.0	4.0
12	19.4	34.1	26.3	49.8	15.265	12.7	0.0	1.8	1.8	6.0
13	19.2	32.9	22.9	70.9	18.496	15.8	10.9	0.0	10.9	6.0
14	16.5	32.6	24.4	65.6	17.992	15.4	0.0	0.0	0.0	8.3
15	18.0	32.9	24.5	60.3	16.795	14.3	0.0	1.3	1.3	5.2
16	18.0	31.0	23.0	72.2	19.328	16.5	5.4	0.0	5.4	3.3
17	18.2	32.9	23.5	65.5	17.145	14.3	0.0	0.0	0.0	5.2
18	16.5	34.2	22.0	69.3	16.948	14.6	0.0	20.7	20.7	7.6
19	16.5	31.9	22.9	71.1	18.086	15.5	0.2	0.0	0.2	5.7
20	16.5	34.5	24.4	55.1	15.523	13.0	0.8	0.0	0.8	7.7
21	19.3	35.0	26.2	57.9	17.937	15.6	0.0	3.3	3.3	9.4
22	20.0	29.8	23.4	72.1	20.300	17.5	0.7	1.2	1.9	1.4
23	19.0	30.2	23.5	64.9	17.937	15.5	0.0	0.0	0.0	2.8
24	19.5	31.6	24.2	63.9	18.226	15.8	0.0	0.0	0.0	6.7
25	18.5	31.7	23.5	70.1	19.580	17.1	0.0	2.5	2.5	2.8
26	18.5	34.2	25.1	60.8	17.342	14.6	0.0	0.0	0.0	7.2
27	18.2	33.3	22.5	72.1	18.683	16.3	43.1	0.0	43.1	4.6
28	17.4	28.1	20.7	79.5	19.189	16.7	4.2	0.6	4.8	1.5
29	17.5	31.0	23.0	69.5	18.251	15.8	0.0	19.6	19.6	8.5
30	17.5	29.0	21.7	77.6	19.702	17.1	2.0	2.1	4.1	3.0
31	17.0	27.0	22.1	70.5	17.927	15.8	0.6	1.7	2.3	3.9
PROM.	17.6	32.8	24.0	64.1	17.605	15.2	67.9	54.8	122.7	177.3

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	29.6	23.5	68.1	18.362	16.0	0.0	29.6	29.6	6.2
2	18.0	31.4	23.0	67.9	17.938	15.6	1.9	0.2	2.1	5.0
3	18.0	31.4	23.9	56.6	14.984	12.5	0.0	0.0	0.0	7.0
4	17.1	27.0	21.7	71.8	18.086	15.7	0.1	0.0	0.1	4.2
5	14.2	31.5	22.2	70.3	18.320	16.1	0.0	0.0	0.0	10.0
6	15.5	32.6	23.5	59.5	15.566	13.0	0.0	0.0	0.0	9.8
7	15.0	31.5	23.8	59.7	15.780	13.2	0.0	0.0	0.0	5.8
8	17.5	31.8	22.8	68.2	17.739	15.1	1.8	0.0	1.8	5.0
9	13.8	32.1	22.8	64.0	16.066	13.9	0.0	0.0	0.0	9.1
10	17.2	33.9	25.2	60.0	17.874	15.5	0.0	0.0	0.0	9.1
11	18.0	33.0	25.0	71.2	21.497	18.6	0.0	2.6	2.6	7.1
12	18.6	27.0	22.6	79.8	21.674	18.8	0.4	0.0	0.4	0.8
13	16.4	31.5	24.1	64.0	18.314	15.9	0.0	3.0	3.0	6.6
14	20.0	29.0	24.0	71.0	20.382	17.7	0.0	0.0	0.0	2.7
15	19.0	33.6	24.8	65.9	19.575	16.7	0.0	0.0	0.0	8.3
16	18.0	29.5	23.9	64.9	18.499	16.2	0.0	21.0	21.0	1.2
17	19.3	29.5	23.9	71.1	20.332	17.7	0.1	0.0	0.1	3.0
18	16.5	32.1	24.0	63.2	17.352	15.0	0.0	0.0	0.0	6.1
19	18.0	30.0	23.8	68.9	19.363	16.7	0.0	0.0	0.0	1.2
20	15.6	31.9	23.6	67.4	17.992	15.7	0.0	0.0	0.0	6.7
21	19.5	26.0	22.3	72.8	19.447	17.0	0.0	0.0	0.0	0.2
22	16.5	31.2	22.8	70.8	18.920	16.4	7.2	6.6	13.8	8.1
23	18.0	21.0	19.2	96.8	21.766	18.8	9.5	0.2	9.7	0.0
24	16.8	29.0	22.3	69.3	17.723	15.4	0.0	0.0	0.0	5.0
25	16.2	31.9	22.9	68.6	17.730	15.3	0.0	22.0	22.0	7.5
26	16.6	29.5	22.0	73.9	18.993	16.6	0.3	12.3	12.6	4.3
27	17.5	30.0	23.0	65.8	17.380	15.2	0.0	22.8	22.8	6.0
28	17.6	28.0	22.1	70.1	18.084	15.9	0.0	9.7	9.7	4.6
29	16.6	29.7	22.0	74.1	18.898	16.4	0.3	0.0	0.3	7.0
30	17.5	28.5	22.2	71.5	18.658	16.2	0.4	0.7	1.1	3.5
PROM.	17.2	30.2	23.1	68.9	18.443	16.0	22.0	130.7	152.7	161.1

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO: PALESTINA AÑO: 1.977

ALTITUD: 1.010 LATITUD: 5-04 N. LONGITUD: 75-41 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.2	31.0	23.5	63.4	17.500	15.1	0.0	0.0	0.0	8.8
2	19.0	31.5	22.8	72.6	20.178	17.6	3.9	0.0	3.9	6.8
3	19.5	32.1	25.1	66.9	20.271	17.7	0.0	35.4	35.4	5.8
4	17.0	30.6	22.1	74.9	18.741	16.1	4.4	0.0	4.4	6.2
5	17.5	25.0	20.1	80.5	18.862	16.6	6.2	0.0	6.2	2.2
6	16.0	29.4	22.3	63.6	15.983	13.7	0.0	33.6	33.6	5.1
7	18.6	28.1	21.7	80.2	20.384	17.8	0.8	0.9	1.7	4.6
8	17.9	30.0	22.2	69.0	17.835	15.6	0.0	0.0	0.0	6.1
9	17.4	27.5	21.0	77.7	19.034	16.7	6.9	0.0	6.9	2.8
10	17.6	29.0	22.5	70.7	18.972	16.6	0.0	7.2	7.2	5.2
11	18.4	29.9	22.6	78.3	21.002	18.2	0.0	60.3	60.3	5.2
12	17.3	30.3	24.1	66.1	18.782	16.3	0.0	2.8	2.8	7.2
13	17.1	30.3	23.5	73.8	20.414	17.7	0.0	0.2	0.2	3.4
14	19.3	23.3	20.7	91.0	22.268	19.2	2.8	2.8	5.6	0.1
15	17.8	25.6	20.2	88.5	21.555	18.7	7.9	0.0	7.9	2.7
16	16.4	30.0	21.6	75.5	18.674	16.1	0.0	0.0	0.0	5.9
17	17.6	30.0	23.3	64.7	18.093	15.9	0.0	5.4	5.4	6.1
18	16.6	31.6	23.3	71.9	20.165	17.6	0.0	1.9	1.9	9.1
19	18.2	32.0	23.3	67.3	18.440	16.0	0.2	1.0	1.2	6.8
20	18.8	26.0	21.5	75.9	19.563	17.1	0.0	21.1	21.1	0.1
21	17.5	29.0	22.0	77.9	20.080	17.5	0.5	0.0	0.5	2.9
22	17.5	29.0	22.5	76.0	20.087	17.5	0.0	11.2	11.2	2.5
23	17.5	28.5	20.8	79.5	19.016	16.6	6.0	2.6	8.6	2.9
24	18.0	28.6	21.8	73.0	18.475	16.0	0.0	3.0	3.0	4.8
25	18.5	26.0	20.8	92.0	22.700	19.5	0.8	0.0	0.8	1.4
26	17.5	30.5	23.2	67.1	18.372	16.1	0.0	0.0	0.0	6.8
27	19.0	29.8	22.8	71.4	19.120	16.5	0.5	0.7	1.2	3.8
28	18.3	27.0	22.2	79.5	20.824	18.1	0.0	0.0	0.0	2.0
29	18.3	25.0	21.1	78.9	19.531	17.1	0.0	0.0	0.0	0.0
30	17.3	31.5	23.0	68.4	18.369	16.1	0.0	12.8	12.8	7.8
31	17.0	28.0	21.4	79.1	19.811	17.2	0.1	0.0	0.1	1.7
PROM.	17.8	28.9	22.2	74.7	19.455	16.9	41.0	202.9	243.9	136.8

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	28.0	20.6	79.1	18.566	16.2	2.1	48.7	50.8	4.5
2	16.0	28.3	21.0	75.1	18.033	15.7	0.0	0.5	0.5	4.3
3	16.5	30.0	22.8	69.1	17.975	15.5	0.0	11.4	11.4	7.3
4	17.1	28.0	22.0	78.4	20.295	17.6	0.2	4.0	4.2	3.8
5	17.3	29.0	21.7	79.7	20.302	17.7	0.0	0.0	0.0	4.0
6	17.5	30.0	22.7	74.6	19.739	17.1	0.0	4.7	4.7	4.8
7	17.6	27.0	21.1	79.6	19.276	16.7	5.4	30.8	36.2	3.6
8	16.4	28.0	22.0	73.3	18.452	16.0	0.0	3.7	3.7	6.6
9	17.2	30.0	22.8	70.1	19.008	16.5	0.0	0.0	0.0	8.4
10	16.7	29.0	21.8	72.9	18.220	15.9	0.0	0.3	0.3	3.4
11	14.5	29.4	21.4	70.5	16.943	14.7	0.2	0.4	0.6	7.8
12	16.0	27.3	20.5	79.9	18.823	16.4	0.5	0.4	0.9	4.6
13	15.4	26.6	21.5	74.7	18.468	16.1	0.8	0.6	1.4	1.8
14	17.5	29.0	21.8	75.7	19.208	16.6	0.0	0.0	0.0	4.7
15	16.4	31.0	23.8	64.9	18.111	15.6	0.0	0.1	0.1	10.1
16	18.5	31.0	22.0	72.3	18.461	16.0	9.7	0.0	9.7	7.3
17	16.5	32.0	23.8	68.6	18.807	16.3	0.0	5.7	5.7	8.7
18	16.0	30.2	23.0	72.5	19.744	17.2	0.0	6.3	6.3	7.7
19	17.5	28.0	23.3	73.0	20.190	17.5	0.0	0.6	0.6	6.1
20	18.0	27.7	21.0	76.6	18.668	15.9	3.3	5.4	8.7	4.1
21	16.4	27.1	20.1	82.1	19.046	16.7	0.0	0.0	0.0	4.0
22	15.0	29.0	20.5	67.2	15.477	13.3	0.0	0.0	0.0	7.7
23	14.5	29.6	22.0	68.7	17.296	15.0	0.0	14.6	14.6	6.4
24	16.8	30.0	22.6	68.2	17.386	15.2	0.0	0.0	0.0	7.8
25	17.0	31.1	22.8	72.5	19.068	16.6	0.0	0.0	0.0	9.6
26	16.0	30.5	21.5	69.1	17.057	14.9	7.4	25.7	33.1	6.4
27	16.8	32.6	23.5	68.6	18.618	16.3	0.0	0.0	0.0	9.5
28	16.0	30.5	21.9	79.5	20.416	17.8	5.3	0.3	5.6	7.0
29	17.6	28.0	21.3	85.4	21.932	19.0	0.7	7.4	8.1	3.6
30	17.4	28.3	20.6	90.1	21.677	18.8	0.2	68.9	69.1	3.7
PROM.	16.6	29.2	21.9	74.4	18.842	16.4	35.8	240.5	276.3	179.3

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO: PALESTINA AÑO: 1.977

ALTITUD: 1.010 LATITUD: 5-04 N. LONGITUD: 75-41 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	29.3	22.5	81.1	21.623	18.7	0.0	0.4	0.4	5.5
2	14.5	31.8	22.6	79.4	21.180	18.4	0.0	0.0	0.0	8.8
3	16.8	31.5	23.0	77.9	21.580	18.7	0.0	0.0	0.0	8.3
4	18.0	31.5	23.3	77.9	21.758	18.8	0.0	34.9	34.9	7.1
5	18.4	30.0	22.5	82.3	22.456	19.4	0.0	4.7	4.7	4.6
6	18.0	28.8	22.0	81.7	21.259	18.5	0.0	47.4	47.4	5.2
7	17.0	28.6	21.4	84.9	21.326	18.5	0.0	0.0	0.0	3.5
8	17.5	30.3	23.8	78.7	22.659	19.5	0.0	0.1	0.1	8.2
9	18.0	29.5	23.7	74.6	21.088	18.3	0.6	1.1	1.7	5.7
10	17.0	29.4	22.7	76.3	20.389	17.8	0.0	0.0	0.0	5.2
11	15.5	33.5	23.4	78.6	22.067	19.1	0.0	0.0	0.0	10.9
12	16.0	27.8	21.3	82.3	20.474	17.8	0.0	0.0	0.0	0.4
13	14.5	32.8	23.3	77.9	21.788	18.8	0.0	0.0	0.0	9.9
14	18.0	30.5	24.1	77.1	22.428	19.3	0.0	2.1	2.1	6.5
15	18.0	30.0	20.5	83.7	20.758	18.1	5.5	8.2	13.7	3.5
16	15.6	30.3	21.0	77.4	18.606	16.2	0.0	0.0	0.0	6.2
17	17.8	31.6	22.3	77.8	20.215	17.5	0.0	0.0	0.0	6.6
18	15.4	33.8	23.3	74.7	20.540	17.9	0.0	0.0	0.0	8.8
19	15.1	33.5	24.4	70.2	20.573	18.0	0.0	3.2	3.2	7.9
20	16.2	28.8	21.7	85.5	21.978	19.0	0.0	0.0	0.0	5.8
21	14.8	34.1	22.8	74.9	19.953	17.4	0.0	0.0	0.0	10.0
22	16.5	33.2	23.6	74.7	21.124	18.4	0.0	0.0	0.0	9.7
23	15.6	33.5	24.3	71.8	20.628	18.0	0.0	4.8	4.8	9.3
24	17.2	27.0	21.5	83.3	21.182	18.4	0.0	0.0	0.0	0.7
25	16.8	29.6	22.1	83.2	21.847	18.9	1.8	3.7	5.5	2.8
26	18.0	30.6	22.6	79.1	21.560	18.7	0.0	30.6	30.6	5.5
27	17.0	26.5	20.7	86.2	20.987	18.3	0.5	0.0	0.5	1.7
28	16.0	32.8	23.0	75.2	20.511	17.9	0.0	0.0	0.0	9.9
29	15.0	34.0	23.6	72.0	19.911	17.4	0.0	0.0	0.0	10.0
30	16.4	32.8	24.5	70.5	20.522	17.9	0.0	33.9	33.9	8.8
31	18.0	27.0	22.1	88.2	23.238	19.9	1.3	37.7	39.0	1.2
PROM.	16.6	30.8	22.7	78.7	21.168	18.4	9.7	212.8	222.5	198.2

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	27.0	21.3	85.0	21.610	18.7	0.0	0.0	0.0	3.9
2	15.2	31.5	21.5	84.0	21.067	18.2	0.0	0.0	0.0	7.7
3	14.5	31.6	22.4	73.5	19.190	16.8	0.0	0.0	0.0	7.4
4	18.0	30.0	22.7	80.9	22.175	19.1	0.3	0.3	0.6	4.9
5	19.2	30.0	21.9	85.5	22.618	19.5	1.4	14.7	16.1	4.5
6	18.0	30.0	22.0	83.7	21.992	19.0	0.7	26.0	26.7	4.9
7	17.0	27.3	22.0	82.7	21.386	18.5	1.1	17.7	18.8	2.2
8	17.1	28.5	21.7	80.2	20.670	18.0	0.1	6.7	6.8	4.9
9	17.5	28.5	21.3	84.7	21.482	18.6	0.2	0.2	0.4	4.6
10	17.0	30.0	21.7	83.1	21.290	18.5	0.0	16.8	16.8	6.4
11	17.3	30.6	21.8	81.7	20.909	18.2	0.0	0.0	0.0	6.8
12	16.0	31.0	22.8	79.1	21.542	18.7	0.1	2.7	2.8	7.0
13	15.6	30.6	22.6	78.0	20.727	18.0	0.0	21.8	21.8	7.8
14	17.0	30.8	22.5	79.8	21.065	18.3	0.0	0.1	0.1	7.9
15	18.5	28.1	22.5	79.3	21.504	18.6	0.0	8.2	8.2	5.1
16	18.5	27.0	21.5	85.3	22.121	19.1	2.0	0.0	2.0	1.4
17	17.0	31.3	23.2	76.7	21.127	18.4	0.0	0.0	0.0	8.0
18	18.5	31.3	23.3	76.0	21.076	18.3	0.0	0.0	0.0	6.3
19	16.4	31.8	23.2	78.4	21.670	18.7	0.1	18.1	18.2	7.7
20	18.0	29.6	21.7	81.9	21.046	18.3	0.0	7.9	7.9	3.9
21	17.0	26.5	20.9	83.7	20.417	17.8	0.3	0.0	0.3	3.1
22	17.0	32.5	23.3	76.7	21.254	18.5	0.0	0.0	0.0	10.2
23	16.5	33.7	22.9	75.5	20.490	17.9	0.0	0.0	0.0	10.9
24	16.8	33.0	24.1	73.0	21.437	18.6	0.0	0.0	0.0	8.2
25	16.0	32.3	23.7	75.2	21.377	18.5	0.0	0.0	0.0	7.8
26	17.5	33.9	23.0	77.1	21.285	18.5	1.3	0.0	1.3	6.4
27	17.0	31.6	23.5	72.7	20.225	17.7	0.0	0.0	0.0	7.6
28	15.2	34.5	23.2	76.6	20.845	18.1	0.0	0.0	0.0	8.9
29	16.0	32.5	23.4	73.9	20.431	17.8	0.0	1.9	1.9	6.6
30	17.0	31.5	24.7	77.5	23.066	20.2	0.0	8.7	8.7	2.9
31	18.0	27.0	21.9	86.7	22.952	19.7	0.1	0.0	0.1	1.4
PROM.	17.0	30.5	22.5	79.6	21.311	18.5	7.7	151.8	159.5	187.3

ESTACION: SANTAGUEDA – FACULTAD MUNICIPIO: PALESTINA AÑO: 1.977

ALTITUD: 1.010 LATITUD: 5–04 N. LONGITUD: 75–41 W.

M E S – SEPTIEMERE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	33.3	24.6	69.1	20.933	18.2	0.0	0.0	0.0	10.6
2	18.0	31.4	23.3	73.5	20.973	18.3	0.0	0.0	0.0	6.0
3	15.5	29.8	23.0	78.3	21.870	18.9	0.0	0.1	0.1	3.6
4	15.0	33.8	24.3	71.7	21.006	18.3	0.0	0.5	0.5	8.8
5	18.0	30.8	23.9	79.4	22.867	19.6	0.0	0.0	0.0	4.5
6	16.2	34.0	23.9	69.8	19.726	17.3	0.0	0.0	0.0	10.0
7	14.3	34.0	24.0	66.3	18.608	16.4	0.0	0.0	0.0	10.7
8	16.0	33.4	24.7	68.1	20.463	17.8	0.0	0.0	0.0	7.5
9	18.0	33.9	25.5	65.8	20.402	17.8	0.0	20.2	20.2	8.7
10	17.3	30.6	23.2	80.2	22.606	19.5	0.0	0.0	0.0	2.1
11	18.6	32.8	24.5	71.2	21.187	18.4	0.0	0.0	0.0	6.2
12	17.8	28.3	22.0	84.3	22.271	19.2	1.2	0.2	1.4	1.1
13	18.3	30.6	21.9	79.6	21.261	18.5	1.7	1.7	3.4	3.5
14	16.5	25.8	20.3	84.9	20.270	17.7	1.4	0.0	1.4	0.0
15	16.8	30.6	22.6	80.9	21.889	18.9	0.5	0.0	0.5	4.6
16	18.0	33.0	24.7	73.9	21.939	19.0	0.0	4.0	4.0	9.4
17	17.1	34.0	24.4	68.6	20.368	17.8	0.0	1.1	1.1	9.2
18	16.9	33.5	23.9	68.8	19.421	17.0	0.0	27.6	27.6	8.6
19	17.2	27.0	21.2	80.2	20.104	17.6	0.0	4.9	4.9	2.9
20	17.3	30.0	23.4	73.3	20.601	17.9	0.1	1.6	1.7	4.2
21	18.3	27.0	20.4	89.6	21.684	18.8	2.0	3.9	5.9	1.1
22	16.9	29.5	22.2	76.9	20.063	17.5	0.0	2.7	2.7	5.1
23	18.2	29.0	23.8	73.5	21.000	18.2	0.0	0.0	0.0	4.4
24	17.0	29.8	21.6	81.7	20.728	18.0	6.8	5.2	12.0	4.3
25	18.0	29.8	22.6	73.4	20.041	17.3	0.0	28.3	28.3	6.4
26	17.0	26.5	21.6	84.4	21.629	18.7	0.0	4.7	4.7	0.0
27	17.2	24.2	19.5	91.3	21.167	18.4	36.9	11.3	48.2	0.0
28	17.5	25.4	20.1	92.1	21.586	18.7	0.9	0.0	0.9	1.9
29	16.4	28.0	21.4	82.8	20.921	18.2	0.6	0.0	0.6	1.0
30	17.4	30.8	22.1	81.4	21.365	18.5	0.7	0.3	1.0	8.0
PROM.	17.1	30.4	22.8	77.2	20.965	18.2	52.8	118.3	171.1	154.4

M E S – OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	29.9	23.2	75.6	21.065	18.3	0.0	13.4	13.4	4.8
2	17.4	30.4	22.9	77.5	20.854	18.1	0.0	0.0	0.0	6.2
3	17.0	31.7	24.0	73.0	21.233	18.4	0.0	2.8	2.8	7.3
4	18.5	31.8	22.6	80.0	21.795	18.8	22.0	0.8	22.8	5.6
5	19.0	31.2	23.7	78.9	22.755	19.6	0.0	0.0	0.0	6.7
6	18.0	29.5	23.0	83.0	23.160	19.8	0.0	11.9	11.9	6.1
7	19.0	26.0	21.4	88.0	22.529	19.4	19.8	0.2	20.0	0.7
8	18.0	30.0	23.4	77.2	21.869	18.9	0.0	24.1	24.1	7.1
9	17.5	27.5	22.2	82.2	21.863	18.9	0.5	3.4	3.9	3.8
10	18.0	28.5	22.3	81.6	21.972	19.0	7.5	3.2	10.7	2.0
11	18.0	30.5	23.3	78.1	21.795	18.9	0.0	42.5	42.5	6.9
12	18.0	26.5	20.7	88.0	21.854	18.9	3.2	0.0	3.2	0.9
13	16.5	28.5	21.8	81.1	21.112	18.4	0.2	1.3	1.5	2.8
14	16.0	29.3	21.3	81.2	20.323	17.8	0.0	0.0	0.0	4.8
15	17.1	30.0	24.2	76.3	22.443	19.4	0.0	0.0	0.0	7.6
16	17.1	30.6	22.8	78.8	21.498	18.6	0.0	0.0	0.0	5.1
17	16.0	30.0	21.9	82.8	21.755	18.8	0.1	0.0	0.1	4.2
18	16.5	31.9	23.5	77.5	21.600	18.7	0.0	0.0	0.0	6.5
19	18.0	30.5	23.2	84.1	23.890	20.3	1.0	4.8	5.8	4.1
20	18.0	31.8	23.6	79.0	22.739	19.5	0.0	9.1	9.1	5.6
21	17.6	32.3	24.3	77.9	23.349	19.9	0.1	55.0	55.1	7.6
22	17.0	27.7	22.1	85.8	22.823	19.6	0.0	0.0	0.0	3.1
23	16.0	31.8	23.4	62.5	16.102	12.7	0.0	6.1	6.1	7.0
24	17.3	29.0	22.7	83.0	22.668	19.5	0.2	21.6	21.8	5.1
25	18.2	30.8	22.6	81.8	22.585	19.4	0.0	21.0	21.0	6.4
26	18.0	23.0	19.7	91.7	21.209	18.4	10.8	0.0	10.8	0.0
27	17.8	28.0	21.5	83.9	21.546	18.7	11.9	0.1	12.0	2.8
28	16.4	28.1	21.6	85.3	22.249	19.2	0.4	28.4	28.8	5.3
29	17.0	29.0	21.9	82.4	21.383	18.5	0.0	0.0	0.0	5.8
30	16.4	28.3	20.0	84.7	20.487	17.9	0.5	0.0	0.5	5.7
31	15.3	30.8	21.5	78.3	19.352	16.9	0.0	0.0	0.0	7.9
PROM.	17.3	29.5	22.5	80.7	21.673	18.7	78.2	249.7	327.9	155.5

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO: PALESTINA AÑO: 1.977

ALTITUD: 1.010 LATITUD: 5-04 N. LONGITUD: 75-41 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	29.2	21.6	82.4	21.246	18.5	1.7	0.1	1.8	5.8
2	14.5	30.3	21.2	82.5	20.701	18.0	10.1	0.0	10.1	5.0
3	17.4	29.5	21.7	79.0	20.578	18.0	0.0	6.0	6.0	5.7
4	18.4	26.8	21.2	86.0	21.780	18.9	1.0	0.4	1.4	0.9
5	16.0	29.0	21.6	82.7	21.306	18.5	21.8	3.9	25.7	4.7
6	18.0	28.6	21.2	83.4	20.921	18.2	0.2	0.0	0.2	4.3
7	17.8	28.6	20.9	82.9	20.419	17.8	35.1	4.3	39.4	2.8
8	17.5	28.8	22.7	79.4	21.424	18.6	0.0	0.7	0.7	7.6
9	18.4	29.0	22.9	77.4	21.282	18.5	0.0	0.0	0.0	3.7
10	19.0	25.8	21.9	84.5	22.454	19.3	0.0	0.0	0.0	0.1
11	18.6	29.8	23.0	76.8	21.099	18.3	0.0	5.2	5.2	5.5
12	18.9	26.1	21.2	89.4	22.449	19.4	0.3	0.0	0.3	1.5
13	18.3	26.5	20.4	83.7	20.399	17.8	24.4	8.9	33.3	0.4
14	17.6	28.2	21.9	78.2	20.299	17.7	0.0	0.0	0.0	7.1
15	16.0	30.3	21.4	79.6	19.896	17.4	0.0	0.0	0.0	7.6
16	17.0	30.8	22.3	77.3	20.288	17.7	0.0	14.4	14.4	6.9
17	17.4	27.0	22.8	82.6	22.632	19.5	0.0	6.3	6.3	5.7
18	18.0	27.3	21.6	83.1	21.420	18.6	0.0	0.0	0.0	3.1
19	18.0	29.9	23.0	77.1	21.160	18.4	0.0	0.0	0.0	8.8
20	18.1	32.0	23.8	78.5	22.640	19.4	0.0	0.0	0.0	8.8
21	18.0	32.0	23.4	76.0	21.266	18.3	0.0	0.0	0.0	10.2
22	18.0	31.0	23.6	74.8	21.500	18.7	0.0	0.0	0.0	5.9
23	18.0	30.5	23.8	76.4	22.036	19.0	0.0	1.6	1.6	5.3
24	18.3	30.4	23.4	75.8	21.353	18.5	0.0	0.0	0.0	6.6
25	18.4	31.8	24.6	71.7	21.455	18.6	0.0	3.0	3.0	7.7
26	18.0	28.0	22.6	80.1	21.786	18.8	0.0	0.0	0.0	3.0
27	19.0	31.5	23.9	73.8	21.469	18.6	0.0	1.4	1.4	7.7
28	18.5	29.8	23.0	79.4	21.925	19.0	0.0	0.0	0.0	5.9
29	18.0	32.4	23.9	76.0	22.062	19.1	0.0	0.0	0.0	8.3
30	15.5	30.8	22.8	73.9	19.836	17.3	0.0	0.0	0.0	8.2
PROM.	17.7	29.4	22.4	79.5	21.303	18.5	94.6	56.2	150.8	164.8

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	30.5	22.8	71.9	19.423	17.0	0.0	0.0	0.0	7.9
2	17.0	31.0	23.7	76.0	21.427	18.5	0.0	17.4	17.4	7.5
3	18.0	29.5	22.6	77.8	20.815	18.0	0.0	1.0	1.0	7.2
4	19.0	29.9	23.1	80.8	22.779	19.6	0.7	0.4	1.1	6.7
5	19.0	31.8	24.0	72.1	21.195	18.4	0.0	23.3	23.3	8.9
6	19.0	30.1	22.9	81.9	22.627	19.6	0.9	0.3	1.2	5.6
7	19.0	28.2	22.4	81.4	21.876	18.9	0.0	0.0	0.0	2.9
8	15.4	30.8	23.3	74.2	20.642	17.9	0.0	0.0	0.0	9.5
9	18.0	29.8	23.2	78.5	21.989	19.0	0.0	10.7	10.7	7.1
10	18.0	29.5	21.8	83.7	22.003	19.0	1.3	17.7	19.0	5.4
11	17.5	28.5	22.0	81.8	21.406	18.6	0.1	0.0	0.1	4.7
12	15.0	30.8	22.5	73.9	19.351	16.9	1.0	32.3	33.3	8.2
13	18.0	28.5	21.4	80.7	20.617	18.0	0.0	0.0	0.0	3.7
14	16.0	30.0	22.9	75.1	20.761	18.1	0.0	0.0	0.0	7.3
15	18.0	30.8	23.3	79.0	22.005	19.0	0.0	0.0	0.0	9.3
16	18.0	28.0	23.3	74.2	20.610	18.0	0.0	0.0	0.0	2.9
17	18.0	31.3	22.8	75.0	20.558	17.9	0.0	0.0	0.0	8.8
18	18.1	30.8	23.2	77.2	21.919	18.9	0.0	15.9	15.9	6.6
19	18.1	28.8	22.8	79.1	21.486	18.6	0.2	0.0	0.2	4.9
20	18.3	30.4	22.8	76.4	20.762	18.1	0.1	0.0	0.1	8.9
21	18.0	31.5	23.3	77.4	21.564	18.7	0.0	0.5	0.5	8.5
22	18.0	31.7	23.9	79.2	22.743	19.5	0.1	0.0	0.1	8.7
23	17.6	32.8	23.2	76.7	21.277	18.5	0.0	0.4	0.4	9.7
24	19.0	31.5	24.1	78.7	23.283	20.0	0.0	0.0	0.0	5.5
25	18.3	28.0	22.3	83.3	22.359	19.3	0.0	8.1	8.1	0.8
26	18.4	29.8	22.9	81.8	22.687	19.5	2.0	0.0	2.0	3.9
27	16.8	27.2	22.7	83.2	22.363	19.2	0.0	25.0	25.0	0.7
28	17.8	29.1	21.6	85.7	21.532	18.7	0.1	14.5	14.6	5.7
29	18.2	27.2	21.3	86.6	22.138	19.1	0.4	0.0	0.4	1.7
30	17.0	29.9	22.2	72.6	18.614	16.2	0.0	0.0	0.0	8.2
31	17.0	30.6	22.8	74.8	19.928	17.4	0.0	0.0	0.0	9.6
PROM.	17.8	29.9	22.8	78.3	21.392	18.5	6.9	167.5	174.4	197.0

ESTACION: SANTAGUEDA – FACULTAD MUNICIPIO PALESTINA AÑO: 1.977

ALTITUD: 1.010 LATITUD: 5–04 N. LONGITUD: 75–41 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.1	33.3	23.7	12.5	35.0	62.2	16.800	14.5	34.5	5	266.0
FEBRERO	17.3	32.3	23.5	14.5	34.8	65.3	17.492	15.1	66.7	12	183.4
MARZO	17.6	32.8	24.0	14.0	36.8	64.1	17.605	15.2	122.7	15	177.3
ABRIL	17.2	30.2	23.1	13.8	33.9	68.9	18.443	16.0	152.7	17	161.1
MAYO	17.8	28.9	22.2	16.0	32.1	74.7	19.455	16.9	243.9	25	136.8
JUNIO	16.6	29.2	21.9	14.5	32.6	74.4	18.842	16.4	276.3	22	179.3
JULIO	16.6	30.8	22.7	14.5	34.1	78.7	21.168	18.4	222.5	15	198.2
AGOSTO	17.0	30.5	22.5	14.5	34.5	79.6	21.311	18.5	159.5	19	187.3
SEPTIEMBRE	17.1	30.4	22.8	14.3	34.0	77.2	20.965	18.2	171.1	21	154.4
OCTUBRE	17.3	29.5	22.5	13.3	32.3	80.7	21.673	18.7	327.9	22	155.5
NOVIEMBRE	17.7	29.4	22.4	14.5	32.4	79.5	21.303	18.5	150.8	16	164.8
DICIEMBRE	17.8	29.9	22.8	15.0	32.8	78.3	21.392	18.5	174.4	20	197.0
PROMEDIO	17.2	30.6	22.8	14.3	33.8	73.6	19.704	17.1			
TOTAL									2103.0	209	2161.1

ESTACION: SANTAGUEDA - LUKER MUNICIPIO: PALESTINA AÑO: 1.977

ALTITUD: 1.020 LATITUD: 5-03 N. LONGITUD: 75-41 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	32.0	24.0	63.1	17.603	15.1	0.0	1.4	1.4	8.3
2	18.0	30.6	24.1	63.8	17.816	15.2	0.0	0.0	0.0	7.9
3	17.5	32.5	23.9	63.9	17.902	15.5	0.0	0.0	0.0	8.3
4	16.5	33.0	22.7	67.3	17.460	15.2	0.0	0.0	0.0	9.8
5	16.2	34.0	22.1	58.7	13.739	11.1	0.0	0.0	0.0	9.8
6	14.6	33.0	23.0	59.0	14.279	11.9	0.0	0.0	0.0	9.8
7	16.6	32.5	23.7	51.2	14.427	12.1	0.0	0.0	0.0	8.9
8	15.0	33.5	23.1	51.2	13.319	10.8	0.0	0.0	0.0	9.8
9	13.5	33.6	21.2	58.5	13.142	9.8	0.0	0.0	0.0	9.9
10	15.0	31.5	22.5	62.7	14.946	12.1	0.0	0.0	0.0	7.2
11	14.0	32.0	22.2	63.5	15.321	12.6	0.0	0.0	0.0	9.8
12	14.0	33.0	22.6	60.4	14.412	11.4	0.0	0.0	0.0	9.1
13	14.5	31.0	22.5	66.9	16.376	14.0	0.0	0.0	0.0	5.6
14	16.0	32.5	23.3	65.3	17.595	15.5	0.0	0.0	0.0	9.0
15	17.0	33.0	24.5	63.9	18.552	16.2	0.0	1.1	1.1	8.4
16	19.5	33.0	25.6	64.2	19.790	16.9	0.0	0.0	0.0	7.6
17	18.0	32.0	25.1	57.4	16.666	14.3	0.0	0.0	0.0	7.0
18	19.0	31.0	22.9	73.4	19.338	16.4	0.0	0.0	0.0	6.5
19	16.5	33.0	23.0	67.8	17.531	15.1	0.0	0.0	0.0	7.5
20	17.0	34.0	24.0	63.3	16.906	14.5	0.0	0.0	0.0	9.6
21	16.5	34.5	23.5	58.8	14.963	12.6	0.0	0.0	0.0	9.8
22	15.6	34.0	23.6	54.3	14.608	12.4	0.0	0.0	0.0	9.2
23	19.0	29.0	22.7	65.2	17.860	15.7	0.0	0.0	0.0	5.0
24	18.0	30.0	23.6	66.7	18.395	15.8	0.0	0.0	0.0	4.2
25	16.5	33.0	24.7	61.7	17.258	14.8	0.0	0.0	0.0	9.5
26	17.6	31.6	23.5	63.9	17.112	14.8	0.0	0.2	0.2	7.6
27	19.0	32.5	23.5	62.6	17.121	14.7	0.0	0.0	0.0	8.7
28	18.0	33.0	24.6	58.9	16.540	14.0	0.0	0.0	0.0	8.7
29	18.0	32.4	24.2	60.9	17.179	14.8	0.0	8.1	8.1	7.5
30	19.0	32.0	23.4	67.7	18.404	15.9	0.7	22.5	23.2	5.4
31	18.0	30.0	21.3	69.5	17.137	14.9	0.0	0.0	0.0	7.3
PROM.	16.8	32.3	23.4	62.4	16.571	14.1	0.7	33.3	34.0	252.7

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	30.6	22.9	66.8	17.404	15.0	0.5	0.0	0.5	6.9
2	18.0	32.3	23.4	61.8	16.812	14.4	0.0	0.0	0.0	9.0
3	17.5	33.5	23.9	53.3	14.512	12.1	0.0	0.0	0.0	8.9
4	18.5	32.0	23.2	62.2	17.060	14.8	0.0	0.0	0.0	4.6
5	17.5	33.0	23.3	55.3	15.065	12.7	0.0	0.0	0.0	9.0
6	19.0	33.5	24.7	59.0	17.500	15.2	0.0	0.0	0.0	8.6
7	17.5	29.0	22.5	70.5	18.092	15.7	0.0	0.0	0.0	3.3
8	16.0	34.1	23.9	58.7	15.386	13.1	0.0	0.0	0.0	8.7
9	17.5	30.5	24.7	61.3	17.482	15.1	0.2	0.0	0.2	5.5
10	19.0	32.0	24.6	67.1	19.602	17.0	0.0	0.0	0.0	6.4
11	19.0	32.0	22.5	68.2	17.888	15.3	0.3	1.0	1.3	6.6
12	18.0	26.8	21.5	79.9	20.222	17.6	0.0	0.0	0.0	0.4
13	17.5	32.5	23.8	66.6	18.392	15.9	0.0	0.0	0.0	7.6
14	18.0	31.3	25.1	61.9	18.621	16.2	0.0	37.3	37.3	5.6
15	18.0	31.6	23.6	61.8	16.997	14.7	0.0	0.0	0.0	7.9
16	16.5	30.6	23.6	66.5	18.197	15.9	0.0	0.0	0.0	6.9
17	15.5	31.0	23.3	73.5	20.333	17.7	0.0	0.0	0.0	6.6
18	16.4	33.0	23.5	69.6	18.560	16.0	0.0	0.0	0.0	8.7
19	18.5	28.5	21.1	81.4	20.237	17.6	0.0	0.0	0.0	2.9
20	17.0	30.0	21.7	73.0	18.299	15.9	0.0	0.0	0.0	6.0
21	18.0	31.0	23.4	66.1	17.775	15.4	0.0	0.0	0.0	8.1
22	19.0	31.0	23.3	63.7	17.307	15.0	0.0	0.0	0.0	5.4
23	16.0	33.0	24.5	54.2	14.743	12.1	0.0	0.0	0.0	9.9
24	18.5	32.5	24.2	63.5	17.811	15.3	0.0	8.7	8.7	6.4
25	18.5	32.0	22.6	71.3	18.662	16.1	3.2	0.0	3.2	7.9
26	18.0	32.0	23.4	69.3	18.829	16.4	0.9	0.3	1.2	7.7
27	17.5	31.0	24.2	63.9	17.851	15.4	0.0	0.0	0.0	4.5
28	16.5	32.0	23.7	62.2	16.517	14.4	0.0	0.0	0.0	5.2
PROM	17.7	31.5	23.4	65.5	17.720	15.3	5.1	47.3	52.4	185.2

ESTACION: SANTAGUEDA — LUKER MUNICIPIO: PALESTINA AÑO: 1.977

ALTITUD: 1.020 LATITUD: 5-03 N. LONGITUD: 75-41 W.

M E S — MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.0	30.6	24.1	68.2	19.591	17.0	0.0	0.0	0.0	6.7
2	18.0	33.0	25.0	60.2	17.712	15.2	0.0	0.0	0.0	9.0
3	18.0	33.0	25.0	66.6	19.194	16.5	0.0	0.0	0.0	6.7
4	17.5	33.3	25.5	62.5	17.882	15.2	0.0	0.0	0.0	6.8
5	18.0	35.0	24.8	63.1	17.663	15.2	0.0	0.0	0.0	8.4
6	18.5	32.0	25.2	65.8	19.681	17.1	0.0	0.0	0.0	4.0
7	18.0	34.0	23.8	61.7	16.769	14.3	0.0	0.0	0.0	5.6
8	14.5	34.6	24.3	57.8	15.802	13.7	0.0	0.0	0.0	7.6
9	15.5	33.0	25.5	59.2	16.389	13.8	0.0	0.0	0.0	8.3
10	17.0	35.3	26.6	56.1	16.717	14.3	0.0	0.0	0.0	8.6
11	19.0	31.8	26.2	61.3	19.087	16.6	0.0	0.0	0.0	5.3
12	19.0	32.0	25.7	57.5	17.267	15.0	0.0	2.7	2.7	6.8
13	18.0	31.5	21.5	74.9	18.630	16.1	27.2	0.1	27.3	6.3
14	17.0	31.0	24.5	65.4	18.515	16.0	0.0	0.0	0.0	8.7
15	17.5	32.0	24.5	63.9	18.247	15.7	0.0	0.6	0.6	6.5
16	18.5	30.0	22.3	77.9	20.396	17.6	3.5	0.0	3.5	3.8
17	17.0	32.0	23.5	68.5	18.184	15.5	0.1	0.0	0.1	5.2
18	17.0	32.5	24.3	58.9	15.852	13.7	0.3	19.7	20.0	7.5
19	16.5	30.6	22.0	75.9	19.135	16.7	0.0	0.0	0.0	5.8
20	16.6	33.0	24.0	69.7	19.802	17.2	0.0	0.0	0.0	8.8
21	19.5	33.5	26.2	56.9	18.053	15.8	0.0	3.5	3.5	9.9
22	19.0	28.5	22.5	80.7	21.872	18.9	0.0	1.3	1.3	1.8
23	19.0	28.5	23.6	68.6	19.344	16.9	0.0	0.4	0.4	2.8
24	19.0	30.5	23.7	68.9	19.253	16.7	0.0	0.0	0.0	7.2
25	19.0	30.0	22.6	73.4	19.880	17.4	0.0	1.5	1.5	2.9
26	18.5	33.0	24.2	64.1	17.835	15.4	0.0	0.0	0.0	7.5
27	17.2	31.8	21.4	76.8	19.064	16.6	31.8	0.0	31.8	6.3
28	17.0	28.0	21.4	79.2	20.048	17.4	3.7	0.5	4.2	2.1
29	17.0	30.6	23.3	71.1	19.520	17.0	0.0	17.9	17.9	8.3
30	18.5	28.0	21.1	81.8	20.196	17.5	2.7	2.8	5.5	2.7
31	17.6	26.8	21.5	79.5	20.262	17.7	2.8	0.5	3.3	4.0
PROM.	17.8	31.6	23.9	67.6	18.640	16.1	72.1	51.5	123.6	191.9

M E S — ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	29.5	22.8	69.9	18.737	16.4	0.0	22.5	22.5	6.7
2	18.5	30.0	22.6	73.6	19.683	17.2	1.2	1.2	2.4	5.3
3	17.0	30.0	22.3	72.7	18.663	16.1	0.0	0.4	0.4	7.2
4	16.5	27.0	21.6	73.3	18.486	16.2	0.0	0.0	0.0	4.2
5	15.5	31.0	22.1	68.9	17.121	14.7	0.0	0.0	0.0	9.8
6	15.0	32.0	23.6	59.8	15.769	13.4	0.0	0.0	0.0	8.9
7	15.5	30.6	23.9	65.5	17.820	15.1	0.0	0.0	0.0	5.9
8	18.0	31.5	22.6	72.7	19.210	16.6	1.6	0.0	1.6	5.3
9	14.5	32.0	22.5	69.2	17.337	14.9	0.0	0.0	0.0	9.4
10	18.0	32.0	24.7	67.1	19.821	17.1	0.0	0.0	0.0	8.7
11	18.5	32.0	25.1	68.3	20.576	17.8	0.0	1.1	1.1	7.5
12	18.5	27.0	22.2	84.0	22.281	19.2	0.7	0.0	0.7	1.4
13	18.5	31.0	23.7	69.5	20.066	17.5	0.0	7.4	7.4	6.7
14	19.5	29.0	23.7	77.3	22.188	19.1	0.0	0.0	0.0	3.5
15	18.0	32.6	24.8	68.6	20.209	17.5	0.0	0.0	0.0	8.5
16	18.0	29.0	24.0	68.4	19.768	17.3	0.0	20.9	20.9	1.4
17	18.0	29.0	23.5	79.4	22.520	19.4	0.0	0.0	0.0	4.0
18	17.0	31.5	23.7	67.0	18.204	15.8	0.0	0.0	0.0	7.0
19	18.0	28.9	23.4	70.8	20.159	17.6	0.0	0.0	0.0	1.3
20	16.5	31.6	23.6	68.2	19.237	16.8	0.0	0.6	0.6	7.9
21	20.0	25.5	22.6	77.8	21.252	18.4	0.0	0.0	0.0	0.1
22	17.5	30.6	22.5	73.4	19.541	17.0	10.1	4.3	14.4	9.4
23	18.6	21.0	19.6	95.2	21.574	19.0	14.9	0.0	14.9	0.0
24	17.5	27.5	21.5	72.7	18.247	16.0	0.0	0.0	0.0	5.4
25	18.0	31.0	24.1	66.1	18.592	16.2	0.0	16.8	16.8	7.9
26	17.5	28.0	22.4	78.5	20.891	18.1	0.5	3.4	3.9	3.9
27	18.5	29.0	23.3	71.9	19.773	17.3	0.0	23.3	23.3	5.8
28	16.5	28.5	22.8	75.6	20.464	17.9	0.0	14.5	14.5	4.6
29	18.5	29.0	22.4	73.8	19.601	16.9	0.4	0.0	0.4	7.5
30	18.0	27.0	22.3	75.9	20.328	17.6	1.1	0.7	1.8	3.1
PROM	17.6	29.5	23.0	72.5	19.617	17.0	30.5	117.1	147.6	168.3

ESTACION: SANTAGUEDA – LUKER MUNICIPIO: PALESTINA AÑO: 1.977

ALTITUD: 1.020 LATITUD: 5-03 N. LONGITUD: 75-41 W.

M E S – MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	29.3	23.5	71.6	19.794	17.0	0.0	0.0	0.0	8.8
2	19.5	30.0	23.4	77.3	21.704	18.8	1.3	0.0	1.3	5.2
3	20.0	31.0	25.2	67.0	20.695	18.0	0.0	33.1	33.1	6.4
4	18.0	29.5	21.3	78.0	19.161	16.7	1.1	0.0	1.1	6.5
5	17.5	25.0	19.5	93.0	21.225	18.5	6.2	0.0	6.2	2.5
6	17.5	28.0	22.2	74.0	19.301	16.9	0.0	44.4	44.4	5.5
7	18.5	26.6	21.2	93.5	23.704	20.2	1.2	1.8	3.0	4.2
8	17.0	28.3	23.6	70.3	20.500	17.8	0.0	0.0	0.0	7.2
9	18.0	27.5	22.0	80.8	21.337	18.5	2.2	0.0	2.2	3.0
10	18.5	28.5	23.1	73.5	20.442	17.8	0.0	2.4	2.4	5.0
11	19.0	29.0	23.4	81.1	22.950	19.7	0.0	47.8	47.8	4.4
12	18.5	30.0	24.6	71.3	21.085	18.0	0.0	4.1	4.1	7.2
13	18.5	29.0	23.5	77.9	22.070	19.1	0.0	0.0	0.0	2.9
14	18.5	23.0	21.5	93.3	24.145	20.5	1.0	1.6	2.6	0.1
15	18.5	25.5	20.3	93.6	22.768	19.6	6.8	0.0	6.8	2.6
16	16.0	29.0	22.4	76.2	20.027	17.4	0.0	0.0	0.0	7.0
17	18.0	29.5	24.2	72.9	21.488	18.6	0.0	15.3	15.3	6.5
18	17.5	30.5	23.3	73.0	20.587	17.8	0.0	17.0	17.0	9.3
19	18.5	31.0	23.8	75.0	21.278	18.4	0.5	1.5	2.0	7.2
20	19.5	25.5	22.3	79.4	21.681	18.8	0.0	14.6	14.6	0.3
21	17.8	27.5	22.3	81.3	21.634	18.7	0.0	0.3	0.3	3.5
22	17.0	28.0	22.4	78.5	20.917	18.1	0.0	13.6	13.6	2.8
23	18.5	27.5	21.4	81.2	20.931	18.2	22.4	2.4	24.8	3.1
24	19.0	27.5	22.0	75.2	19.692	17.1	0.0	3.4	3.4	6.4
25	20.0	25.5	21.3	87.3	22.125	19.1	0.9	0.0	0.9	2.5
26	19.1	28.5	23.1	74.0	20.507	17.8	0.0	0.0	0.0	6.2
27	20.0	29.0	22.7	76.2	20.551	17.7	1.0	0.5	1.5	6.0
28	19.0	27.0	22.1	82.0	21.744	18.8	0.0	0.0	0.0	2.7
29	20.0	24.3	21.2	83.9	21.233	18.5	0.1	0.0	0.1	0.3
30	18.0	29.5	22.6	75.0	19.944	17.4	0.0	10.7	10.7	8.6
31	19.0	27.0	20.2	89.7	21.590	18.7	0.1	0.0	0.1	0.8
PROM.	18.4	28.0	22.4	79.3	21.187	18.3	44.8	214.5	259.3	144.7

M E S – JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	28.0	19.6	91.8	21.065	18.3	2.8	37.0	39.8	4.8
2	17.0	27.0	21.0	76.1	18.411	16.0	0.0	0.0	0.0	4.6
3	18.0	28.0	22.7	74.1	19.739	17.1	0.0	14.7	14.7	7.3
4	18.3	27.6	22.0	83.7	22.213	19.2	0.0	8.4	8.4	3.7
5	19.0	27.6	21.5	78.7	19.884	17.4	0.0	0.0	0.0	3.4
6	18.5	28.0	22.3	77.5	20.261	17.6	0.0	4.1	4.1	4.6
7	18.5	26.5	21.9	79.6	20.623	17.9	3.9	38.7	42.6	1.8
8	18.0	27.0	22.0	76.3	19.402	16.8	0.0	5.2	5.2	6.8
9	19.0	28.5	22.8	72.3	19.460	16.8	0.0	0.0	0.0	8.4
10	18.0	27.5	21.7	80.0	20.431	17.8	0.0	2.0	2.0	3.6
11	15.6	27.0	21.8	72.6	19.017	16.7	2.1	0.2	2.3	8.2
12	17.4	27.0	19.4	84.3	19.225	16.7	1.0	0.5	1.5	5.3
13	17.6	25.5	21.0	89.4	22.176	19.1	1.1	0.5	1.6	2.2
14	19.0	27.0	21.5	81.6	20.737	18.0	0.2	0.0	0.2	5.3
15	17.1	29.5	23.2	66.9	18.761	16.4	0.0	0.0	0.0	10.4
16	20.0	29.8	22.5	74.4	20.189	17.5	5.2	0.0	5.2	7.1
17	17.0	29.9	23.2	63.2	17.650	15.5	0.0	3.9	3.9	8.7
18	17.5	28.6	22.6	67.6	18.685	16.4	0.0	4.6	4.6	8.1
19	18.0	28.0	22.6	62.3	16.954	14.9	0.0	1.3	1.3	5.8
20	18.6	27.5	22.1	78.0	20.538	17.8	2.8	2.1	4.9	3.5
21	19.0	27.0	21.1	83.0	20.750	18.1	0.1	0.0	0.1	3.6
22	18.0	28.6	22.3	74.4	19.152	16.6	0.0	0.0	0.0	7.5
23	17.0	28.5	22.9	67.4	18.502	16.1	0.0	24.6	24.6	6.4
24	19.0	29.5	22.6	76.3	20.405	17.6	0.0	0.0	0.0	8.4
25	18.8	29.9	23.7	65.7	19.150	16.7	0.0	0.0	0.0	10.0
26	19.0	29.7	22.2	76.0	19.725	17.1	15.0	29.0	44.0	6.7
27	20.0	30.5	23.5	72.9	20.578	17.8	0.0	0.0	0.0	9.8
28	17.8	29.5	21.9	74.4	19.118	16.5	3.5	0.0	3.5	6.7
29	19.0	27.5	21.0	89.2	22.510	19.4	0.4	12.5	12.9	3.2
30	18.6	27.0	21.4	81.7	20.372	17.6	0.3	70.5	70.8	3.6
PROM.	18.2	28.1	22.0	76.4	19.856	17.2	38.4	259.8	298.2	179.5

ESTACION: SANTAGUEDA — LUKER MUNICIPIO: PALESTINA AÑO: 1.977

ALTITUD: 1.020 LATITUD: 5-03 N. LONGITUD: 75-41 W.

M E S — JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	28.0	22.6	72.4	19.839	17.3	0.0	0.6	0.6	5.6
2	15.5	30.0	23.0	74.9	21.342	18.5	0.1	0.0	0.1	9.4
3	18.0	30.0	23.3	72.6	19.921	17.3	0.0	0.0	0.0	8.2
4	19.0	30.0	23.4	73.6	20.516	17.8	0.0	53.1	53.1	7.7
5	19.0	28.6	22.6	78.9	21.323	18.5	0.0	5.7	5.7	5.1
6	18.0	27.1	21.9	76.8	19.769	17.3	0.0	42.6	42.6	4.7
7	18.0	27.0	21.3	81.4	20.255	17.7	0.0	0.0	0.0	3.3
8	19.0	28.7	22.9	74.0	20.260	17.6	0.0	0.0	0.0	8.9
9	19.0	28.4	23.4	69.7	19.640	17.2	0.5	0.8	1.3	5.2
10	17.6	27.8	22.7	73.6	19.336	16.8	0.0	0.0	0.0	5.5
11	16.0	31.0	23.2	68.8	18.116	15.5	0.0	0.0	0.0	11.0
12	17.1	27.0	21.6	78.2	19.430	16.9	0.0	0.0	0.0	0.8
13	16.0	30.9	24.4	64.7	18.269	16.0	0.0	0.4	0.4	10.3
14	19.0	29.0	23.7	71.7	19.876	17.1	0.0	8.7	8.7	6.4
15	19.1	28.5	22.3	79.4	21.319	18.5	11.9	9.0	20.9	4.5
16	17.0	28.8	23.1	73.2	19.572	16.7	0.0	0.0	0.0	5.7
17	18.6	29.8	23.7	70.9	19.872	17.3	0.0	0.0	0.0	7.5
18	17.0	31.0	22.6	73.0	19.108	16.7	0.0	0.0	0.0	8.5
19	16.5	30.6	22.0	73.6	18.279	15.8	0.0	9.9	9.9	8.9
20	17.1	26.8	21.6	79.1	19.833	17.3	0.0	0.0	0.0	6.8
21	16.0	30.8	22.3	72.7	18.057	15.5	0.0	0.0	0.0	10.3
22	17.6	30.9	23.3	69.9	18.823	16.5	0.0	0.0	0.0	9.8
23	17.0	30.5	24.2	67.2	18.455	15.9	0.0	3.9	3.9	10.1
24	18.0	30.5	22.2	80.0	21.009	18.2	0.0	0.0	0.0	1.4
25	18.0	28.3	22.6	77.0	20.618	18.0	4.3	21.5	25.8	3.5
26	19.0	29.0	22.9	76.3	20.751	18.0	0.0	36.6	36.6	5.7
27	17.6	26.0	20.7	82.2	19.879	17.4	0.7	0.0	0.7	10.5
28	17.5	30.3	22.6	74.6	19.544	16.9	0.0	0.0	0.0	3.1
29	16.6	32.0	23.2	69.8	18.654	16.1	0.0	0.0	0.0	10.3
30	18.0	30.6	24.1	66.8	18.523	16.0	0.0	16.8	16.8	9.2
31	19.0	26.0	21.8	82.4	21.396	18.6	6.3	24.2	30.5	0.5
PROM.	17.7	29.2	22.7	74.2	19.729	17.1	23.8	233.8	257.6	208.4

M E S — AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.6	27.0	21.2	78.6	19.570	17.0	0.0	0.0	0.0	5.6
2	17.0	29.0	21.3	78.7	19.300	16.8	0.0	0.0	0.0	7.8
3	16.0	29.0	23.5	65.8	19.130	16.6	0.0	0.0	0.0	8.4
4	19.3	29.0	22.9	70.5	19.672	17.1	0.4	1.3	1.7	5.2
5	19.5	28.4	23.0	67.7	18.785	16.3	1.6	12.8	14.4	4.8
6	18.5	28.4	22.8	73.0	20.071	17.4	0.2	26.5	26.7	5.4
7	18.5	27.0	22.0	73.8	19.376	16.8	1.3	19.5	20.8	3.2
8	18.0	28.0	22.3	78.0	20.433	17.8	0.0	4.6	4.6	5.8
9	19.0	27.0	22.0	79.5	20.502	17.7	0.1	0.4	0.5	5.7
10	18.0	28.0	22.7	75.9	20.723	18.1	0.0	23.6	23.6	7.3
11	18.0	28.6	22.6	77.3	20.639	18.0	0.2	0.0	0.2	7.8
12	17.0	29.0	22.6	71.5	18.706	16.3	0.0	2.5	2.5	6.7
13	17.0	29.0	22.8	73.9	19.435	17.0	0.0	19.0	19.0	6.6
14	18.0	28.5	22.5	75.2	19.772	17.2	0.0	0.2	0.2	7.8
15	19.0	27.5	22.7	74.9	20.414	17.8	0.0	7.3	7.3	6.0
16	19.0	26.5	21.8	82.0	21.259	18.4	0.5	0.0	0.5	0.6
17	18.0	29.0	23.6	74.4	20.738	18.0	0.0	0.0	0.0	9.1
18	19.0	29.3	23.1	69.3	18.758	16.2	0.0	0.0	0.0	7.9
19	17.0	29.0	23.0	70.1	18.723	16.4	0.0	16.3	16.3	8.3
20	18.0	27.0	21.6	76.6	19.367	16.9	3.4	11.3	14.7	5.5
21	17.5	25.0	20.3	82.8	19.590	17.2	0.3	0.0	0.3	4.0
22	17.4	30.0	23.9	70.7	20.342	17.7	0.0	0.0	0.0	10.3
23	17.6	31.0	23.0	68.9	18.118	15.7	0.0	0.0	0.0	10.9
24	18.0	30.0	24.4	64.5	18.230	16.0	0.0	0.0	0.0	8.3
25	17.0	31.0	23.5	72.0	19.623	17.1	0.0	0.0	0.0	8.7
26	18.0	31.4	22.4	76.6	20.032	17.3	1.9	0.0	1.9	9.9
27	17.5	29.0	23.3	69.0	18.742	16.2	0.1	0.0	0.1	2.8
28	17.0	29.0	23.3	69.5	18.917	16.6	0.0	0.0	0.0	9.5
29	18.0	30.0	24.3	65.2	18.384	16.0	0.0	0.9	0.9	7.8
30	18.0	29.5	24.3	69.5	20.198	17.4	0.0	2.3	2.3	4.6
31	19.1	26.5	22.2	81.2	21.507	18.7	0.0	0.2	0.2	1.8
PROM.	18.0	28.6	22.7	73.4	19.647	17.1	10.0	148.7	158.7	204.1

ESTACION: SANTAGUEDA - LUKER MUNICIPIO: PALESTINA AÑO: 1.977

ALTITUD: 1.020 LATITUD: 5-03 N. LONGITUD: 75-41 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	30.3	23.9	65.2	18.072	15.7	0.0	0.0	0.0	9.3
2	18.0	29.0	23.1	69.1	18.798	16.3	0.0	0.0	0.0	6.3
3	16.0	28.0	24.2	65.3	17.987	15.7	0.0	1.0	1.0	7.7
4	16.6	30.4	23.3	68.0	17.868	15.1	0.0	0.7	0.7	8.8
5	18.5	28.5	24.1	73.4	21.253	18.3	0.1	0.0	0.1	4.6
6	17.1	31.0	24.6	59.3	16.540	14.0	0.0	0.0	0.0	9.4
7	15.0	31.5	23.4	63.0	15.755	12.9	0.0	0.0	0.0	10.4
8	17.0	30.5	24.8	61.3	17.399	15.0	0.0	0.0	0.0	7.8
9	19.0	31.0	25.5	63.1	18.878	16.2	0.0	25.5	25.5	8.5
10	18.0	28.8	23.4	77.8	21.786	18.9	0.0	0.0	0.0	3.5
11	19.1	29.5	22.3	73.5	19.109	16.5	0.0	0.0	0.0	6.6
12	18.5	28.5	21.8	79.1	20.365	17.7	0.8	0.1	0.9	1.0
13	18.0	28.0	21.0	76.5	18.649	16.2	1.7	1.8	3.5	4.2
14	16.8	25.0	20.1	82.8	19.317	16.9	2.3	0.0	2.3	0.2
15	17.0	28.0	21.5	79.7	20.346	17.8	0.0	0.0	0.0	5.1
16	17.0	30.5	24.5	66.5	19.075	16.6	0.0	2.5	2.5	7.7
17	17.5	31.5	24.5	63.2	17.738	15.3	0.0	1.0	1.0	8.5
18	17.0	30.5	23.9	65.4	17.832	15.5	0.1	23.7	23.8	8.5
19	17.5	25.5	21.0	79.1	19.399	16.9	0.0	2.7	2.7	3.4
20	17.5	28.0	22.4	70.5	18.467	16.1	0.0	1.7	1.7	3.7
21	18.6	25.3	21.0	86.6	21.778	18.8	2.1	5.4	7.5	1.0
22	17.0	28.0	21.8	68.5	16.938	14.9	0.0	6.8	6.8	5.9
23	18.5	28.0	23.3	75.6	20.885	18.0	0.1	0.0	0.1	3.6
24	17.0	29.0	22.1	77.8	19.944	17.2	5.5	2.8	8.3	4.2
25	18.0	28.5	23.7	65.5	17.830	15.6	0.1	28.6	28.7	7.8
26	18.5	25.5	21.5	81.5	20.610	17.9	0.0	3.3	3.3	0.0
27	18.0	23.3	19.5	84.8	19.515	17.1	23.7	11.7	35.4	0.0
28	17.5	24.0	19.4	83.7	18.844	16.5	1.5	0.0	1.5	1.6
29	16.0	26.5	20.6	80.3	19.022	16.6	0.8	0.0	0.8	1.0
30	18.0	29.1	21.5	76.4	18.838	16.1	0.9	0.0	0.9	7.7
PROM.	17.5	28.4	22.6	72.8	18.961	16.4	39.7	119.3	159.0	158.0

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	28.0	22.6	72.6	19.278	16.6	0.0	25.8	25.8	5.2
2	18.2	28.1	22.4	73.5	19.129	16.5	0.0	0.0	0.0	4.9
3	17.5	29.0	22.9	68.3	18.253	15.8	0.2	12.9	13.1	7.5
4	18.0	29.0	21.4	77.3	19.430	16.9	14.7	1.8	16.5	6.2
5	18.5	28.6	22.5	73.8	19.369	16.7	0.0	2.2	2.2	7.0
6	18.0	28.1	22.3	76.8	20.050	17.4	0.0	14.3	14.3	6.4
7	19.0	26.0	21.4	81.4	20.609	17.9	17.4	0.4	17.8	0.9
8	19.0	29.0	23.5	73.0	20.307	17.6	0.0	27.5	27.5	7.6
9	19.0	26.0	22.4	72.1	19.185	16.8	0.6	3.3	3.9	4.4
10	18.5	27.0	21.1	81.4	20.268	17.6	2.1	3.6	5.7	2.2
11	18.1	28.0	23.2	68.3	18.507	16.2	0.0	27.6	27.6	7.5
12	18.6	26.0	20.6	80.5	19.423	16.9	3.7	0.0	3.7	2.0
13	17.5	28.0	21.7	76.7	19.606	17.2	0.6	1.2	1.8	3.7
14	17.1	28.5	22.8	76.0	20.239	17.6	0.0	0.0	0.0	6.4
15	18.5	30.0	23.1	74.2	20.155	17.5	0.0	0.0	0.0	7.9
16	18.5	30.5	23.5	71.8	19.674	16.8	0.0	0.0	0.0	6.4
17	17.5	28.0	21.8	74.5	18.858	16.3	0.0	0.0	0.0	5.1
18	17.0	29.5	23.3	68.4	18.256	15.9	0.0	0.0	0.0	7.1
19	18.6	29.0	23.0	76.3	21.109	18.3	0.0	4.4	4.4	5.2
20	19.0	30.2	23.3	75.2	20.782	17.9	0.0	4.8	4.8	4.8
21	18.0	30.5	24.5	69.5	20.207	17.3	0.0	37.7	37.7	8.7
22	18.0	28.0	22.0	80.0	20.964	18.2	0.4	0.0	0.4	3.9
23	17.5	30.0	23.8	66.3	18.261	15.9	0.0	20.3	20.3	8.2
24	18.0	28.0	22.7	72.7	19.283	16.5	0.5	17.0	17.5	6.1
25	18.5	28.0	22.5	72.7	19.231	16.6	0.0	16.7	16.7	6.5
26	18.0	23.0	19.8	88.0	20.385	17.8	9.8	0.0	9.8	0.1
27	17.5	27.0	19.8	93.2	21.429	18.6	18.5	0.7	19.2	4.2
28	17.8	28.0	21.8	79.4	20.494	17.8	0.7	24.9	25.6	5.2
29	17.6	28.5	22.2	73.2	18.792	16.4	0.0	0.0	0.0	6.3
30	18.0	28.5	21.0	83.0	21.072	18.3	0.4	0.0	0.4	6.1
31	15.0	29.0	22.1	69.5	17.446	15.2	0.0	0.0	0.0	7.4
PROM.	18.0	28.2	22.3	75.5	19.679	17.1	69.6	247.1	316.7	171.1

ESTACION: SANTAGUEDA - LUKER MUNICIPIO: PALESTINA AÑO: 1.977

ALTITUD: 1.020 LATITUD: 5-03 Ne LONGITUD: 75-41 We

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.6	28.0	22.0	77.3	20.041	17.3	3.3	0.0	3.3	6.6
2	16.5	29.5	21.3	77.3	18.850	16.4	26.2	0.0	26.2	6.2
3	18.0	29.0	23.2	73.0	19.885	17.3	0.1	5.9	6.0	6.7
4	19.0	26.0	21.1	85.8	21.666	18.8	1.2	0.2	1.4	1.0
5	16.4	28.1	21.3	77.7	19.002	16.5	13.9	2.0	15.9	5.6
6	18.3	28.4	21.5	78.1	19.518	16.9	0.3	0.0	0.3	5.9
7	18.0	28.0	21.1	78.5	19.182	16.6	0.0	2.7	2.7	8.2
8	17.6	28.1	22.0	74.5	18.833	16.2	0.0	0.6	0.6	7.8
9	18.5	29.0	22.4	74.2	19.276	16.4	0.0	0.0	0.0	4.5
10	18.5	25.0	21.5	84.0	21.308	18.4	0.0	0.0	0.0	2.4
11	18.0	28.5	22.4	75.7	19.733	17.0	0.0	8.9	8.9	6.7
12	19.0	26.5	21.2	87.8	22.072	19.1	0.0	0.0	0.0	2.3
13	18.5	26.0	20.6	73.2	18.020	15.6	29.4	8.5	37.9	1.0
14	17.6	28.0	22.0	69.8	17.813	15.6	0.0	0.0	0.0	7.6
15	16.0	29.5	22.0	69.6	17.136	14.4	0.0	0.0	0.0	8.4
16	16.5	30.0	22.9	71.6	18.959	16.4	0.0	14.8	14.8	8.1
17	17.5	28.5	23.1	72.7	19.533	16.9	0.0	4.8	4.8	6.5
18	19.0	27.0	21.6	79.7	20.386	17.8	0.0	0.0	0.0	3.4
19	18.0	29.0	23.4	71.5	19.457	16.9	0.0	0.2	0.2	9.9
20	18.5	30.0	23.5	70.4	19.203	16.5	0.0	0.0	0.0	9.7
21	19.0	30.5	23.4	63.2	17.090	14.6	0.0	0.0	0.0	10.6
22	18.5	30.0	23.1	68.6	18.482	16.0	0.0	0.0	0.0	6.9
23	18.0	29.5	23.2	69.7	18.521	15.7	0.0	2.4	2.4	5.4
24	18.5	30.0	23.4	74.4	20.353	17.5	0.0	0.0	0.0	7.9
25	19.0	30.5	24.3	69.7	20.050	17.4	0.0	4.8	4.8	10.2
26	18.0	27.5	22.5	79.4	21.119	18.3	0.0	0.0	0.0	2.3
27	19.5	30.0	24.3	74.3	21.511	18.3	0.0	0.2	0.2	8.7
28	19.0	29.0	22.8	75.7	20.355	17.6	0.0	0.0	0.0	6.9
29	17.5	31.0	23.0	68.1	17.924	15.2	0.0	0.0	0.0	9.6
30	16.0	29.5	22.5	68.4	17.398	14.9	0.0	0.0	0.0	9.6
PROM.	18.0	28.7	22.4	74.5	19.423	16.8	74.4	56.0	130.4	196.6

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	30.5	23.7	67.8	19.137	16.5	0.0	0.0	0.0	3.4
2	17.5	30.0	23.7	71.7	19.858	17.3	0.0	18.0	18.0	2.2
3	18.5	28.5	22.6	75.9	20.020	17.4	0.0	1.0	1.0	7.0
4	19.5	30.0	23.9	75.6	21.834	18.8	0.0	1.1	1.1	6.4
5	17.5	31.0	23.8	68.3	19.141	16.6	0.0	17.1	17.1	8.7
6	19.0	29.0	23.1	75.8	20.747	17.9	1.1	0.3	1.4	5.8
7	19.5	28.0	22.4	74.6	19.601	17.0	0.0	0.0	0.0	3.5
8	17.0	30.5	24.0	68.4	18.945	16.3	0.0	0.0	0.0	9.5
9	18.0	30.0	23.1	75.9	20.724	17.8	0.0	8.9	8.9	6.7
10	18.5	30.0	22.6	78.9	21.365	18.5	1.2	4.7	5.9	4.5
11	18.0	28.5	22.1	78.9	20.563	17.9	0.1	0.0	0.1	4.4
12	16.0	30.5	22.6	71.3	18.207	15.9	0.2	16.4	16.6	8.1
13	18.0	28.0	21.2	82.6	20.657	18.0	0.0	0.0	0.0	8.9
14	16.0	31.0	23.0	66.8	17.638	15.3	0.0	0.0	0.0	0.0
15	18.0	30.5	23.2	69.9	18.686	16.1	0.0	0.0	0.0	9.1
16	18.5	28.0	23.0	76.3	20.824	18.1	0.0	0.0	0.0	3.1
17	18.5	30.1	23.8	68.2	18.935	16.2	0.0	0.0	0.0	8.8
18	19.0	30.0	23.6	67.7	18.379	15.9	0.0	7.8	7.8	7.7
19	18.5	27.6	22.6	72.0	18.825	16.3	0.0	0.0	0.0	3.3
20	18.5	29.5	23.7	65.1	17.906	15.3	0.0	0.0	0.0	8.7
21	18.0	31.0	23.0	68.4	18.133	15.5	0.0	0.0	0.0	8.6
22	18.5	30.5	23.5	68.5	18.946	16.3	0.0	0.0	0.0	9.7
23	18.0	32.0	23.5	67.5	17.984	15.5	0.0	1.0	1.0	10.3
24	19.5	31.0	24.6	61.3	18.886	16.4	0.0	0.0	0.0	8.2
25	19.0	28.0	22.7	76.7	20.928	18.2	0.0	1.7	1.7	1.5
26	19.5	29.0	22.7	60.4	15.998	13.6	0.0	0.0	0.0	2.6
27	17.0	28.0	22.9	72.5	19.344	16.9	0.0	13.2	13.2	1.6
28	18.0	28.3	21.6	74.8	18.977	16.6	0.0	9.8	9.8	5.6
29	19.0	27.0	21.5	78.6	20.011	17.4	0.2	0.0	0.2	2.1
30	17.0	29.5	22.2	68.8	17.321	14.7	0.0	0.0	0.0	8.6
31	17.0	30.0	23.5	61.8	16.125	13.9	0.0	0.0	0.0	10.4
PROM.	18.1	29.5	23.0	71.3	19.162	16.6	2.8	101.0	103.8	189.0

ESTACION: SANTAGUEDA - LUKER MUNICIPIO PALESTINA AÑO: 1.977

ALTITUD: 1.020 LATITUD: 5-03 N. LONGITUD: 75-41 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.8	32.3	23.4	13.5	34.5	62.4	16.571	14.1	34.0	5	252.7
FEBRERO	17.7	31.5	23.4	15.5	34.1	65.5	17.720	15.3	52.4	7	185.2
MARZO	17.8	31.6	23.9	14.5	35.3	67.6	18.640	16.1	123.6	15	191.9
ABRIL	17.6	29.5	23.0	14.5	32.6	72.5	19.617	17.0	147.6	17	168.3
MAYO	18.4	28.0	22.4	16.0	31.0	79.3	21.187	18.3	259.3	25	144.7
JUNIO	18.2	28.1	22.0	15.6	30.5	76.4	19.856	17.2	298.2	22	179.5
JULIO	17.7	29.2	22.7	15.5	32.0	74.2	19.729	17.1	257.6	16	206.4
AGOSTO	18.0	28.6	22.7	16.0	31.4	73.4	19.647	17.1	158.7	21	204.1
SEPTIEMBRE	17.5	28.4	22.6	15.0	31.5	72.8	18.961	16.4	159.0	22	158.0
OCTUBRE	18.0	28.2	22.3	15.0	30.5	75.5	19.679	17.1	316.7	23	171.1
NOVIEMBRE	18.0	28.7	22.4	16.0	31.0	74.5	19.423	16.8	130.4	16	196.6
DICIEMBRE	18.1	29.5	23.0	16.0	32.0	71.3	19.182	16.6	103.8	15	199.0
PROMEDIO	17.8	29.5	22.8	15.3	32.2	72.1	19.184	16.6			
TOTAL									2041.3	204	2249.5

ESTACION: CENICAFE MUNICIPIO: CHINCHINA AÑO: 1.977

ALTITUD: 1.310 LATITUD: 4-59 N. LONGITUD: 75-35 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	29.9	22.9	74.2	20.353	17.8	0.0	0.0	0.0	7.8
2	16.0	29.0	21.8	73.6	18.791	16.5	0.0	0.3	0.3	5.7
3	15.0	32.0	22.2	69.3	17.669	15.5	0.0	0.0	0.0	9.2
4	16.8	31.9	23.4	66.6	18.228	16.1	0.0	0.0	0.0	9.4
5	17.1	33.1	22.9	62.4	16.633	14.6	0.0	0.0	0.0	9.5
6	14.8	31.8	22.2	64.2	15.770	13.8	0.0	0.0	0.0	9.5
7	16.4	31.4	22.5	66.2	17.099	15.0	0.0	0.0	0.0	8.9
8	17.0	32.0	23.0	64.1	17.003	15.0	0.0	0.0	0.0	9.5
9	15.9	32.3	22.2	68.2	17.487	15.4	0.0	0.0	0.0	9.5
10	15.6	31.0	22.3	66.4	16.881	14.8	0.0	0.0	0.0	8.1
11	15.0	32.0	22.1	65.1	16.131	14.1	0.0	0.0	0.0	8.9
12	16.8	32.1	23.1	63.0	17.105	15.0	0.0	0.0	0.0	8.5
13	16.4	31.1	22.7	66.9	17.670	15.5	0.0	0.0	0.0	6.9
14	16.3	32.0	23.6	68.0	18.748	16.4	0.0	0.0	0.0	7.5
15	19.0	33.0	24.2	70.5	20.436	17.9	0.0	16.3	16.3	8.7
16	18.4	32.1	24.3	64.1	18.501	16.2	0.0	0.8	0.8	8.8
17	18.4	30.9	23.0	69.5	18.768	16.4	0.0	0.0	0.0	6.9
18	18.1	30.6	22.7	71.0	19.270	16.9	0.0	0.0	0.0	6.2
19	17.0	31.0	23.0	72.0	19.538	17.1	0.0	0.0	0.0	6.3
20	15.8	31.9	23.1	66.4	17.331	15.2	0.0	0.0	0.0	8.4
21	17.0	31.6	23.2	62.0	16.423	14.3	0.0	0.0	0.0	9.0
22	15.4	31.4	23.4	64.9	17.352	15.2	0.0	0.1	0.1	9.3
23	16.0	29.0	20.8	77.8	18.733	16.4	0.0	0.0	0.0	5.2
24	16.0	27.7	22.0	72.7	18.731	16.5	0.0	0.0	0.0	2.2
25	16.3	32.1	24.2	64.3	18.376	16.1	0.0	0.0	0.0	7.8
26	17.3	27.7	21.9	68.9	17.369	15.3	0.0	8.1	8.1	4.4
27	16.0	30.6	22.1	70.0	17.685	15.5	0.0	0.0	0.0	8.0
28	17.8	31.4	23.4	63.2	17.487	15.3	0.0	0.0	0.0	7.7
29	17.8	31.1	23.0	70.9	19.263	16.9	0.0	23.2	23.2	6.1
30	16.8	29.6	21.3	77.2	19.016	16.7	15.4	6.2	21.6	5.7
31	16.3	28.3	20.7	76.6	18.106	16.0	0.0	0.0	0.0	6.2
PROM.	16.6	31.0	22.7	68.4	17.998	15.8	15.4	55.0	70.4	235.8

M E S - FEBRERC

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	29.9	21.7	76.6	19.285	16.8	2.6	0.0	2.6	5.0
2	17.0	30.6	21.9	70.6	17.765	15.6	0.0	0.0	0.0	8.7
3	16.0	31.9	22.4	66.7	17.042	14.9	0.0	0.0	0.0	8.5
4	16.8	29.9	21.9	66.7	16.912	14.9	0.0	0.0	0.0	3.4
5	16.1	30.0	22.3	65.3	16.735	14.7	0.0	0.0	0.0	7.7
6	16.8	31.0	23.3	63.4	17.314	15.2	0.0	0.0	0.0	7.8
7	16.4	27.0	21.2	79.8	19.726	17.2	0.0	0.0	0.0	2.2
8	15.6	32.1	23.4	62.5	16.991	15.0	0.0	0.2	0.2	8.5
9	17.8	28.3	22.3	74.5	19.446	17.0	0.0	0.0	0.0	2.5
10	18.0	28.8	21.5	77.5	19.553	17.1	7.6	0.0	7.6	6.4
11	17.4	30.4	22.8	71.6	19.420	17.0	0.0	0.0	0.0	7.8
12	17.8	24.4	20.2	85.4	20.027	17.5	0.2	0.0	0.2	0.8
13	15.8	30.1	22.1	72.5	19.040	16.6	0.9	0.0	0.9	7.3
14	17.8	30.0	22.6	70.5	18.944	16.6	0.2	0.0	0.2	6.2
15	18.0	30.2	22.8	72.7	19.429	17.0	0.0	0.0	0.0	7.9
16	17.7	29.0	22.0	77.7	19.879	17.3	0.2	0.1	0.3	4.7
17	18.0	29.4	21.8	79.8	20.566	18.0	0.0	0.5	0.5	4.7
18	15.6	31.0	22.1	69.7	17.626	15.5	0.0	0.0	0.0	7.5
19	16.0	26.5	18.0	92.5	19.162	16.8	17.0	0.0	17.0	2.1
20	15.0	28.0	19.4	83.2	18.634	16.4	1.2	0.1	1.3	4.6
21	16.2	28.5	21.3	74.2	17.978	15.8	0.0	0.0	0.0	6.0
22	17.1	28.9	22.1	68.3	17.547	15.4	0.0	0.0	0.0	5.9
23	15.4	32.1	22.3	65.3	16.793	14.8	0.0	0.0	0.0	9.6
24	17.0	30.4	23.0	67.5	18.212	16.0	0.9	0.0	0.9	5.2
25	17.2	30.0	19.7	79.2	18.092	15.9	14.3	0.0	14.3	4.3
26	16.4	29.5	22.0	66.8	17.110	15.1	0.0	3.4	3.4	7.1
27	16.4	28.5	21.9	73.4	18.637	16.3	0.0	0.0	0.0	5.4
28	15.2	30.0	23.1	61.9	16.433	14.4	0.0	0.0	0.0	5.5
PROM.	16.7	29.5	21.8	72.7	18.368	16.1	45.1	4.3	49.4	163.3

ESTACION: CENICAFE MUNICIPIO: CHINCHINA AÑO: 1.977

ALTITUD: 1.310 LATITUD: 4-59 N. LONGITUD: 75-35 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.2	29.3	23.0	69.4	18.736	16.4	0.0	0.0	0.0	6.1
2	17.4	31.8	23.9	62.9	17.419	15.3	0.0	0.0	0.0	7.2
3	17.0	31.6	23.7	66.2	18.334	16.1	0.0	0.0	0.0	6.9
4	16.8	31.1	23.3	66.4	17.916	15.8	0.0	0.0	0.0	7.4
5	16.0	32.0	23.5	64.5	17.633	15.5	0.0	0.0	0.0	7.6
6	17.0	31.0	23.9	64.2	18.249	16.0	0.0	0.0	0.0	3.6
7	16.1	32.3	23.6	59.2	15.921	13.9	0.0	0.0	0.0	7.7
8	17.0	32.5	24.1	52.9	14.512	12.5	0.0	0.0	0.0	6.6
9	16.0	32.5	24.2	58.3	16.213	14.2	0.0	0.0	0.0	7.8
10	17.4	33.4	24.9	61.1	17.924	15.8	0.0	0.0	0.0	8.0
11	18.1	31.0	24.0	67.3	19.446	17.1	0.0	0.0	0.0	4.5
12	18.1	31.4	23.3	65.4	18.267	16.1	0.0	3.2	3.2	6.3
13	16.4	31.5	20.5	78.8	18.555	16.2	15.0	0.0	15.0	6.6
14	15.8	30.2	22.5	71.2	18.663	16.4	0.0	0.0	0.0	6.7
15	18.0	30.7	23.6	64.1	17.711	15.5	0.0	6.7	6.7	5.7
16	17.6	28.3	21.3	78.5	19.493	17.1	0.1	0.0	0.1	2.0
17	17.0	31.0	22.0	70.2	17.592	15.2	0.0	0.0	0.0	4.0
18	17.0	31.9	23.8	67.4	18.560	16.3	0.0	1.6	1.6	7.8
19	15.6	28.0	21.8	73.2	18.408	16.1	0.0	0.0	0.0	2.3
20	16.0	31.5	24.1	65.2	18.552	16.3	0.0	0.0	0.0	8.7
21	18.0	32.2	23.8	59.0	16.526	14.4	0.0	0.1	0.1	7.6
22	18.6	28.7	21.4	79.2	20.033	17.5	2.6	30.7	33.3	1.0
23	17.1	25.6	20.8	79.8	19.547	17.1	2.1	9.1	11.2	1.1
24	16.8	29.9	20.3	82.7	19.302	16.9	12.1	0.0	12.1	4.6
25	17.7	28.3	21.6	78.2	19.852	17.4	0.0	14.3	14.3	3.4
26	16.6	29.6	23.3	67.2	17.822	15.6	0.0	0.7	0.7	5.8
27	17.3	31.0	20.4	80.8	19.204	16.8	31.8	0.7	32.5	4.2
28	16.8	24.5	19.4	87.6	19.925	17.4	18.7	2.7	21.4	1.4
29	16.0	28.7	22.7	72.9	19.186	16.8	0.0	16.5	16.5	7.1
30	17.0	26.4	19.4	87.9	20.182	17.6	20.8	0.3	21.1	1.2
31	15.0	26.3	20.2	76.7	17.987	15.8	11.9	0.9	12.8	3.5
PROM.	16.9	30.1	22.5	70.3	18.312	16.0	115.1	87.5	202.6	164.4

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.2	28.7	21.5	76.7	19.356	17.0	0.0	3.8	3.8	5.7
2	17.0	28.1	21.3	73.6	18.142	15.9	0.0	1.4	1.4	3.0
3	16.4	29.0	22.3	69.3	17.908	15.7	0.0	25.0	25.0	6.7
4	16.0	25.0	19.1	85.4	18.831	16.5	1.2	0.0	1.2	1.8
5	14.4	29.7	21.1	67.9	16.347	14.3	0.1	0.0	0.1	8.5
6	16.8	29.6	22.2	66.3	17.090	15.0	0.0	0.0	0.0	7.1
7	15.8	29.4	22.8	62.2	16.488	14.3	0.0	0.0	0.0	5.5
8	16.2	30.1	20.4	79.2	19.148	16.8	4.9	0.0	4.9	5.4
9	14.0	29.6	22.5	67.5	17.284	15.2	0.0	0.0	0.0	9.1
10	17.1	31.1	23.2	67.0	18.409	16.2	0.0	5.8	5.8	6.6
11	17.6	31.2	20.8	73.3	17.974	15.7	0.0	0.9	0.9	5.4
12	18.7	26.9	21.0	87.2	21.673	18.8	0.6	0.0	0.6	0.7
13	16.2	30.2	22.7	73.4	19.687	17.2	0.0	39.0	39.0	4.4
14	17.6	27.0	21.6	84.4	21.325	18.5	0.0	0.0	0.0	1.7
15	17.4	31.5	23.1	69.3	19.245	16.9	0.0	0.0	0.0	6.6
16	18.0	27.0	21.6	77.9	20.125	17.6	0.0	4.9	4.9	0.7
17	17.5	27.0	21.4	80.8	20.476	17.9	0.2	0.0	0.2	1.8
18	16.3	29.9	22.2	66.6	17.279	15.2	0.0	0.0	0.0	3.8
19	18.0	28.6	22.2	75.2	19.827	17.3	0.0	0.0	0.0	1.3
20	16.7	30.4	22.9	65.4	17.748	15.6	0.0	0.0	0.0	7.9
21	19.4	25.3	20.8	84.9	21.216	18.4	1.4	0.0	1.4	0.0
22	16.0	29.6	21.2	76.5	18.821	16.5	0.2	6.6	6.8	8.0
23	15.6	19.5	17.0	97.0	19.117	16.8	26.4	0.5	26.9	0.0
24	15.5	26.5	20.3	81.3	18.515	16.6	0.3	0.0	0.3	3.8
25	16.8	29.7	22.3	75.3	19.278	16.9	0.0	2.3	2.3	6.9
26	17.0	26.5	21.1	82.7	20.469	17.9	1.6	23.6	25.2	2.6
27	16.2	26.8	21.3	78.0	19.163	16.8	0.0	11.5	11.5	2.8
28	16.1	26.2	19.1	91.0	20.286	17.7	0.1	7.1	7.2	3.4
29	15.0	26.3	20.2	78.7	18.284	16.0	0.1	0.0	0.1	4.9
30	16.4	25.5	21.2	77.6	19.192	16.8	0.1	4.5	4.6	2.1
PROM.	16.6	28.1	21.3	76.4	18.970	16.6	37.2	136.9	174.1	128.2

ESTACION: CENICAFE MUNICIPIO: CHINCHINA AÑO: 1.977

ALTITUD: 1.310 LATITUD: 4-59 N. LONGITUD: 75-35 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	29.4	20.8	77.6	18.500	16.2	1.6	0.3	1.9	7.7
2	17.0	29.3	21.9	73.1	19.104	16.8	0.0	15.2	15.2	5.9
3	17.4	29.2	22.5	77.7	20.776	18.1	5.7	19.3	25.0	6.3
4	17.0	28.4	20.8	78.2	18.892	16.6	11.4	0.0	11.4	4.8
5	16.8	24.0	17.8	94.9	19.258	16.9	6.4	0.2	6.6	1.9
6	15.6	27.8	21.0	78.0	18.819	16.5	0.2	0.3	0.5	4.9
7	17.0	26.0	19.4	91.5	20.444	17.8	6.5	11.0	17.5	2.9
8	17.0	28.0	21.4	79.0	19.830	17.4	0.0	0.0	0.0	4.3
9	17.4	27.0	20.9	82.9	20.150	17.6	0.0	0.0	0.0	2.7
10	16.8	26.7	21.2	79.8	20.210	17.7	1.6	52.2	53.8	3.6
11	15.8	27.6	21.2	81.2	20.156	17.6	0.2	0.1	0.3	3.3
12	18.0	29.4	23.0	71.6	19.322	16.9	0.0	9.2	9.2	5.9
13	17.0	28.0	21.8	76.7	19.272	16.9	0.0	0.0	0.0	4.2
14	17.4	22.5	19.0	92.7	20.417	17.8	4.7	0.0	4.7	0.0
15	16.5	24.0	18.1	90.8	19.068	16.7	7.8	0.0	7.8	2.6
16	14.2	28.1	20.6	80.4	18.760	16.5	0.3	0.1	0.4	6.5
17	17.0	28.1	21.3	77.6	19.324	16.9	0.0	7.1	7.1	4.1
18	15.0	28.4	20.9	76.8	18.196	15.9	0.0	0.0	0.0	7.9
19	17.2	30.3	22.8	76.4	20.505	17.8	0.0	0.2	0.2	0.2
20	17.0	25.4	20.3	88.5	20.926	18.2	0.0	0.0	0.0	8.3
21	16.6	26.5	20.6	88.4	21.209	18.4	0.0	1.3	1.3	1.4
22	16.5	25.6	20.4	84.8	20.282	17.7	1.2	0.1	1.3	1.6
23	16.8	27.3	20.2	83.0	19.660	17.2	3.7	1.7	5.4	2.7
24	15.7	27.8	20.7	75.1	17.812	15.6	0.0	0.0	0.0	3.9
25	16.8	24.8	19.6	90.8	20.501	17.9	5.3	0.0	5.3	1.8
26	16.4	27.8	21.0	77.6	19.082	16.7	0.0	0.0	0.0	5.4
27	17.6	27.4	20.7	77.7	18.935	16.6	2.0	0.0	2.0	1.7
28	16.4	25.0	19.4	91.3	20.649	18.0	6.0	0.0	6.0	1.3
29	16.0	23.8	19.6	81.2	18.535	16.3	0.0	0.0	0.0	0.8
30	16.1	29.0	21.8	73.8	18.923	16.6	0.0	0.0	0.0	6.8
31	16.8	25.1	17.7	97.5	19.675	17.2	14.6	0.0	14.6	2.0
PROM.	16.6	27.0	20.6	82.1	19.587	17.1	79.2	118.3	197.5	117.4

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	25.1	18.8	85.4	18.612	16.3	2.2	21.4	23.6	3.9
2	14.1	26.0	19.2	79.6	17.333	15.3	0.0	0.0	0.0	3.0
3	15.8	28.0	21.1	78.2	19.051	16.5	0.0	0.1	0.1	5.5
4	16.8	26.3	20.8	75.6	18.579	16.3	0.3	0.0	0.3	3.7
5	16.2	25.5	18.7	82.8	17.947	15.8	0.2	0.0	0.2	3.0
6	16.0	27.0	20.6	80.6	19.313	16.9	0.2	8.8	9.0	3.9
7	15.5	25.5	19.7	85.6	19.638	17.2	3.1	22.3	25.4	2.7
8	15.3	26.9	21.1	78.0	18.803	16.4	0.0	18.6	18.6	6.6
9	18.0	29.0	21.9	80.3	20.959	18.2	0.0	0.0	0.0	6.5
10	16.0	29.1	20.7	74.2	17.813	15.7	0.0	0.9	0.9	4.0
11	14.0	28.0	20.4	77.7	18.223	15.9	0.6	2.5	3.1	4.2
12	15.0	25.0	18.4	86.1	18.240	16.0	24.5	0.2	24.7	2.0
13	15.4	24.3	19.2	89.4	19.959	17.4	1.6	1.1	2.7	1.2
14	16.0	27.4	20.5	80.4	19.036	16.7	1.6	0.0	1.6	4.0
15	16.1	29.6	19.9	66.7	15.463	13.5	0.0	0.0	0.0	10.4
16	17.6	30.0	21.6	77.2	19.462	17.0	0.0	0.0	0.0	5.6
17	17.0	31.0	22.8	70.5	18.970	16.6	0.0	6.3	6.3	7.9
18	16.0	27.3	21.6	74.3	18.693	16.4	1.0	0.0	1.0	5.0
19	16.8	28.0	20.9	73.6	17.989	15.8	0.0	0.0	0.0	5.3
20	16.5	28.0	20.4	82.4	19.735	17.2	2.6	0.1	2.7	2.7
21	17.0	25.8	19.6	86.7	19.825	17.4	0.3	0.0	0.3	2.8
22	15.0	28.6	21.0	67.7	16.101	14.1	0.1	0.0	0.1	7.7
23	17.5	28.8	21.5	71.2	17.966	15.8	0.3	13.4	13.7	4.9
24	16.2	28.8	22.1	71.8	18.367	16.1	0.0	0.8	0.8	5.4
25	17.0	30.0	22.3	77.3	20.531	17.9	0.0	0.0	0.0	8.5
26	17.6	29.5	21.7	78.6	20.200	17.6	0.6	10.3	10.9	5.8
27	17.0	30.0	22.0	68.4	17.185	14.9	0.0	0.0	0.0	7.7
28	17.0	28.8	20.7	73.5	17.469	15.2	0.2	0.0	0.2	4.6
29	17.4	26.0	20.5	83.6	20.117	17.6	3.8	20.6	24.4	3.2
30	16.3	26.4	19.4	82.2	18.402	16.2	10.0	51.8	61.8	2.7
PROM	16.2	27.7	20.6	78.0	18.666	16.3	53.2	179.2	232.4	144.4

ESTACION: CENICAFE MUNICIPIO: CHINCHINA AÑO: 1.977

ALTITUD: 1.310 LATITUD: 4-59 N. LONGITUD: 75-35 W.

M E S - JULIO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	28.0	20.6	70.4	16.375	14.3	0.5	0.3	0.8	6.3
2	15.0	28.9	20.5	75.3	17.798	15.6	0.0	0.0	0.0	7.4
3	17.0	29.9	22.3	71.7	18.916	16.6	0.0	0.1	0.1	7.9
4	18.0	29.8	21.5	75.5	18.960	16.7	0.0	0.1	0.1	6.9
5	17.4	27.0	20.7	82.7	19.977	17.5	6.4	4.6	11.0	2.9
6	16.4	26.0	20.5	79.4	18.792	16.5	0.7	7.2	7.9	3.4
7	16.8	25.5	20.4	78.0	18.169	15.9	0.6	0.0	0.6	2.7
8	16.5	28.4	21.6	73.5	18.447	16.1	0.0	39.1	39.1	6.8
9	16.0	26.8	21.2	80.0	19.462	17.0	1.1	6.5	7.6	3.1
10	15.0	27.5	20.7	77.6	18.384	16.2	0.0	0.2	0.2	4.6
11	15.5	30.6	22.2	63.3	15.604	13.5	0.0	0.0	0.0	10.6
12	17.0	25.5	20.5	81.1	19.548	17.1	0.0	0.0	0.0	0.3
13	14.5	30.8	22.2	65.4	15.863	13.7	0.0	11.9	11.9	9.7
14	17.1	28.0	21.9	79.4	20.449	17.9	0.0	1.2	1.2	3.9
15	16.7	27.4	21.2	80.3	19.605	17.1	15.7	9.7	25.4	2.7
16	15.0	28.0	21.2	71.9	17.449	15.3	0.2	0.0	0.2	6.4
17	18.0	30.0	22.7	64.1	17.076	15.0	0.0	0.0	0.0	7.7
18	16.0	30.4	22.1	64.7	16.453	14.4	0.0	0.0	0.0	7.9
19	16.0	28.8	21.8	69.0	17.215	15.1	0.0	0.0	0.0	5.7
20	15.8	27.1	20.3	74.8	17.299	15.2	0.0	0.0	0.0	5.0
21	15.0	30.6	22.3	65.1	16.231	14.2	0.0	0.0	0.0	10.5
22	16.5	30.4	23.0	64.4	17.208	15.0	0.0	0.0	0.0	8.3
23	16.8	30.5	22.9	65.2	17.049	14.7	0.0	0.1	0.1	9.0
24	15.6	27.0	20.6	82.4	19.679	17.2	0.0	0.0	0.0	2.4
25	17.2	27.5	20.5	77.2	18.456	16.2	0.3	3.3	3.6	3.0
26	16.5	26.1	20.0	81.6	18.784	16.5	4.9	14.9	19.8	3.8
27	15.5	24.8	18.9	81.1	17.227	15.0	0.5	0.0	0.5	1.1
28	15.0	30.4	22.0	69.4	17.301	15.2	0.0	0.0	0.0	10.0
29	15.3	31.3	23.2	65.3	16.869	14.8	0.0	0.0	0.0	9.9
30	17.0	29.8	22.3	69.7	17.823	15.6	0.0	40.1	40.1	8.2
31	15.3	25.0	20.3	83.9	19.613	17.2	0.1	9.4	9.5	1.3
PROM.	16.2	28.3	21.4	73.7	18.003	15.8	31.0	148.7	179.7	179.4

M E S - AGOSTO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.8	19.9	78.7	18.058	15.8	0.0	0.0	0.0	1.2
2	16.3	28.7	21.0	70.4	17.057	15.0	0.0	0.0	0.0	8.6
3	15.4	28.7	21.6	69.1	16.895	14.9	0.0	0.0	0.0	6.0
4	17.7	28.2	21.6	77.1	19.367	16.9	2.5	21.8	24.3	4.1
5	17.4	28.0	20.5	86.6	20.552	18.2	6.3	0.0	6.3	3.9
6	17.1	27.0	20.7	83.7	20.402	17.8	0.0	26.4	26.4	2.7
7	15.5	26.0	19.4	87.7	19.723	17.3	1.3	4.5	5.8	2.8
8	16.8	25.5	20.0	84.5	19.647	17.2	1.4	9.0	10.4	2.0
9	16.4	27.0	20.0	86.5	20.195	17.7	0.3	0.1	0.4	3.6
10	16.0	28.4	20.7	73.7	17.314	15.2	0.0	3.7	3.7	6.8
11	16.8	28.8	20.7	79.6	19.149	16.8	0.2	0.0	0.2	6.1
12	15.7	29.0	20.8	72.7	17.757	15.6	0.0	1.7	1.7	4.3
13	15.0	28.6	21.2	71.6	17.307	15.2	0.0	42.2	42.2	7.6
14	15.8	27.0	20.5	77.6	18.500	16.3	0.1	0.0	0.1	6.1
15	17.4	26.0	18.8	90.5	19.884	17.4	0.4	3.9	4.3	4.3
16	17.8	25.4	19.8	83.5	19.247	16.9	1.8	0.0	1.8	0.0
17	16.0	27.5	21.5	69.7	17.218	15.2	0.3	0.0	0.3	7.3
18	17.0	27.8	21.5	73.9	18.308	16.1	0.0	0.0	0.0	6.9
19	15.6	28.8	21.5	68.0	16.493	14.4	0.0	45.6	45.6	7.5
20	16.0	25.0	20.0	82.9	19.318	17.0	0.0	7.8	7.8	1.3
21	16.0	25.0	19.2	84.9	18.672	16.3	0.5	0.0	0.5	3.3
22	17.0	28.3	22.2	71.9	18.486	16.3	0.7	0.0	0.7	8.1
23	17.0	29.9	22.6	60.3	16.090	14.1	0.0	0.0	0.0	10.4
24	16.9	28.8	21.9	68.1	17.526	15.4	0.0	0.0	0.0	8.2
25	17.4	30.6	22.4	69.8	18.402	16.2	0.0	0.0	0.0	8.1
26	16.6	29.9	21.2	72.7	18.078	15.9	0.9	0.0	0.9	5.3
27	15.7	27.8	21.3	75.4	18.764	16.5	0.0	0.0	0.0	6.8
28	16.0	30.0	22.1	66.0	16.663	14.6	0.0	0.0	0.0	8.9
29	16.0	30.0	22.3	72.3	18.488	16.3	0.0	1.2	1.2	6.1
30	16.8	28.8	22.8	65.6	17.540	15.4	0.2	2.0	2.2	5.1
31	17.3	26.4	20.5	81.8	19.593	17.2	0.2	0.0	0.2	1.9
PROM.	16.5	27.8	21.0	76.0	18.422	16.2	17.1	169.9	187.0	165.3

ESTACION: CENICAFE MUNICIPIO: CHINCHINA AÑO: 1.977

ALTITUD: 1.310 LATITUD: 4-59 N. LONGITUD: 75-35 W.

M E S – SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	29.9	22.0	63.3	15.931	13.9	0.0	0.0	0.0	7.9
2	17.5	29.8	22.1	66.8	16.907	14.8	0.0	0.0	0.0	7.0
3	16.4	27.4	21.0	71.3	17.778	15.5	0.0	0.0	0.0	2.7
4	15.0	30.5	22.5	65.9	16.775	14.6	0.0	0.7	0.7	7.1
5	16.8	27.6	21.9	73.2	18.522	16.3	0.2	0.0	0.2	4.0
6	16.4	30.0	22.6	58.3	14.992	12.9	0.0	0.0	0.0	8.8
7	16.0	30.8	23.3	53.1	13.861	11.7	0.0	0.0	0.0	9.8
8	16.8	30.1	22.9	64.6	17.173	15.0	0.0	0.0	0.0	8.5
9	18.0	31.0	24.1	67.2	19.066	16.7	0.0	1.7	1.7	6.6
10	17.6	28.1	22.2	68.0	17.613	15.5	0.0	0.0	0.0	4.3
11	18.3	29.8	22.5	65.9	17.403	15.2	0.0	0.0	0.0	6.5
12	18.0	25.3	20.3	79.6	19.242	16.9	1.0	4.9	5.9	1.2
13	16.2	27.5	19.5	82.0	18.774	16.5	11.9	3.5	15.4	3.9
14	15.0	23.3	18.5	86.8	18.584	16.3	1.5	0.0	1.5	0.2
15	16.0	26.7	20.4	76.0	17.890	15.7	0.6	12.8	13.4	4.9
16	16.0	29.5	22.1	73.1	18.512	16.3	0.0	12.4	12.4	6.4
17	17.5	29.5	22.3	72.1	18.721	16.4	0.5	12.4	12.9	8.0
18	15.4	29.0	21.6	64.8	15.718	13.7	0.0	1.1	1.1	8.4
19	15.5	24.2	19.1	80.2	17.750	15.6	0.0	0.0	0.0	3.6
20	16.6	25.7	18.8	88.1	19.185	16.8	33.1	2.7	35.8	3.3
21	17.0	24.4	18.9	92.4	20.282	17.7	2.2	47.5	49.7	1.9
22	15.0	27.1	20.0	79.8	18.157	16.0	0.2	0.6	0.8	3.5
23	17.0	26.4	21.0	80.2	19.494	17.1	0.3	0.0	0.3	3.4
24	16.0	28.0	19.7	82.2	18.980	16.7	7.0	1.7	8.7	3.4
25	16.6	26.8	19.4	81.6	18.701	16.4	6.0	27.3	33.3	5.2
26	16.3	23.7	19.4	85.2	18.990	16.6	0.0	4.1	4.1	0.0
27	17.0	23.6	18.6	86.8	18.864	16.6	27.8	7.7	35.5	0.2
28	15.2	23.3	18.0	87.9	18.057	15.9	7.2	0.0	7.2	0.9
29	14.7	23.8	18.7	82.4	17.889	15.7	0.4	0.0	0.4	0.9
30	15.3	27.8	19.2	80.7	17.720	15.5	14.2	0.1	14.3	5.6
PROM.	16.4	27.4	20.8	75.3	17.918	15.7	114.1	141.2	255.3	138.1

M E S – OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	26.4	19.8	83.6	19.245	16.9	2.5	36.3	38.8	4.2
2	15.7	27.3	20.6	77.7	18.187	16.0	0.0	0.0	0.0	4.7
3	16.8	29.0	21.2	71.3	17.614	15.5	0.1	16.6	16.7	6.0
4	15.8	27.8	20.0	84.4	19.834	17.4	4.9	1.1	6.0	4.4
5	16.4	28.0	21.4	78.3	19.572	17.1	0.0	0.0	0.0	7.0
6	16.5	27.0	20.1	87.1	20.736	18.1	0.2	0.4	0.6	3.3
7	18.0	22.5	19.6	89.0	20.365	17.8	3.7	0.0	3.7	0.0
8	16.1	27.5	21.3	75.7	18.887	16.5	0.2	11.9	12.1	5.9
9	16.0	23.0	19.2	93.7	20.407	17.8	4.2	3.0	7.2	1.3
10	17.0	24.0	19.7	89.0	20.417	17.8	1.6	7.6	9.2	0.0
11	17.0	26.7	20.7	80.1	19.117	16.7	0.0	37.6	37.6	3.9
12	17.0	23.0	19.1	88.3	19.663	17.2	5.8	0.1	5.9	0.2
13	17.0	26.4	19.5	88.1	20.331	17.7	3.6	0.5	4.1	1.8
14	15.0	26.3	20.1	80.9	18.662	16.4	0.0	0.0	0.0	4.1
15	17.0	27.5	21.1	77.5	19.215	16.8	0.1	1.5	1.6	4.4
16	16.4	26.5	20.6	77.2	18.458	16.2	0.0	0.0	0.0	3.7
17	17.0	28.3	20.5	79.0	18.891	16.5	0.1	0.0	0.1	4.5
18	16.4	29.3	21.6	77.4	19.572	17.1	0.0	0.0	0.0	4.0
19	17.5	27.4	21.6	74.3	19.239	16.9	0.0	5.8	5.8	3.2
20	17.0	28.0	21.6	78.6	19.860	17.4	0.0	16.8	16.8	4.3
21	17.0	28.4	21.8	77.7	19.816	17.3	0.0	42.8	42.8	5.8
22	17.0	26.5	18.2	92.9	19.502	17.1	41.9	0.0	41.9	2.4
23	15.5	27.6	20.5	81.0	19.211	16.8	8.8	3.1	11.9	5.3
24	17.0	24.8	20.8	92.5	22.318	19.2	1.9	0.0	1.9	2.9
25	15.4	26.5	20.5	82.2	19.346	16.9	0.0	0.3	0.3	4.6
26	16.9	22.0	18.9	93.5	20.431	17.8	13.4	0.0	13.4	0.0
27	17.0	26.0	19.6	87.0	20.035	17.5	6.5	0.0	6.5	2.0
28	16.7	26.6	20.0	83.6	19.663	17.2	4.8	3.3	8.1	4.2
29	16.2	25.5	20.4	81.3	19.167	16.8	0.2	0.0	0.2	2.7
30	16.5	27.5	19.7	82.3	19.398	17.0	8.7	0.0	8.7	5.3
31	12.8	27.4	19.8	78.3	17.279	15.1	0.0	0.0	0.0	6.7
PROM.	16.4	26.5	20.3	82.7	19.498	17.0	113.2	188.7	301.9	112.8

ESTACION: CENICAFE MUNICIPIO: CHINCHINA AÑO: 1.977

ALTITUD: 1.310 LATITUD: 4-59 N. LONGITUD: 75-35 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	27.0	20.0	78.2	18.502	16.3	1.4	0.0	1.4	5.7
2	14.6	28.1	20.1	81.3	18.650	16.4	0.0	0.0	0.0	4.7
3	16.0	28.5	20.8	83.7	20.187	17.6	0.0	23.8	23.8	4.1
4	17.3	24.4	18.8	93.4	20.581	17.9	4.4	0.0	4.4	0.2
5	14.6	26.0	19.7	84.2	19.194	16.8	0.3	3.4	3.7	4.5
6	16.0	26.0	19.6	86.2	19.846	17.4	0.4	0.0	0.4	3.5
7	17.0	24.6	19.4	89.5	20.292	17.7	29.9	16.7	46.6	2.1
8	17.0	27.0	20.6	79.2	18.704	16.4	0.0	0.1	0.1	5.6
9	17.5	28.7	21.0	76.2	18.710	16.4	0.0	1.2	1.2	4.7
10	16.8	23.8	19.5	87.9	19.908	17.4	0.2	0.0	0.2	0.4
11	16.7	25.5	20.1	82.0	19.300	16.9	0.7	0.5	1.2	3.2
12	17.5	25.0	19.7	91.8	21.198	18.4	1.4	0.0	1.4	2.1
13	16.4	22.0	18.1	92.5	19.516	17.1	10.2	0.7	10.9	0.4
14	15.0	26.7	19.7	82.7	18.501	16.2	0.9	0.0	0.9	4.9
15	16.1	28.0	21.0	78.1	18.930	16.6	1.2	0.0	1.2	8.1
16	16.3	28.4	21.7	69.7	17.733	15.6	0.0	21.1	21.1	7.0
17	17.2	26.8	21.2	78.7	19.555	17.2	0.2	15.8	16.0	3.7
18	17.0	25.7	18.6	89.3	19.524	17.1	10.7	0.0	10.7	1.4
19	16.0	27.5	21.0	77.4	18.819	16.5	0.3	0.0	0.3	7.2
20	17.0	28.8	21.7	71.0	17.901	15.7	0.0	0.0	0.0	8.1
21	15.6	29.6	21.4	67.3	16.823	14.8	0.0	0.0	0.0	9.4
22	18.0	28.0	21.8	71.1	18.365	16.1	0.0	0.0	0.0	5.8
23	17.0	28.9	21.7	75.1	19.130	16.8	0.0	0.0	0.0	5.9
24	16.5	28.3	22.1	75.5	19.542	17.1	0.0	4.2	4.2	5.6
25	17.0	30.0	21.4	78.2	19.728	17.3	2.8	8.9	11.7	8.3
26	17.0	26.0	20.8	82.8	20.315	17.7	0.0	0.0	0.0	2.9
27	17.5	28.8	22.1	74.3	19.119	16.7	0.0	10.9	10.9	8.2
28	16.5	29.5	21.9	74.7	19.021	16.7	0.0	0.0	0.0	7.6
29	16.9	30.4	22.5	75.6	20.198	17.6	0.0	0.0	0.0	8.1
30	15.7	27.6	21.1	67.3	15.983	13.9	0.0	0.0	0.0	7.1
PROM.	16.6	27.2	20.6	79.8	19.126	16.7	65.0	107.3	172.3	150.5

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	27.8	20.8	79.4	19.249	16.9	0.0	0.0	0.0	6.8
2	15.8	27.7	21.3	79.3	19.546	17.1	0.0	12.1	12.1	5.7
3	17.5	27.5	21.3	82.1	20.424	17.8	0.0	0.0	0.0	5.2
4	17.5	28.8	22.4	76.0	20.202	17.7	0.0	0.0	0.0	6.9
5	16.9	27.5	21.7	78.3	20.297	17.6	0.0	13.2	13.2	4.8
6	17.4	28.6	21.5	82.7	21.047	18.3	0.6	1.2	1.8	4.2
7	17.4	25.0	20.7	80.8	19.607	17.2	0.0	0.0	0.0	3.2
8	15.0	28.5	22.4	70.9	18.909	16.6	0.0	0.0	0.0	8.2
9	16.8	27.2	21.1	76.7	19.261	16.9	1.6	0.5	2.1	5.2
10	16.0	27.4	19.7	88.8	20.536	17.9	14.1	0.3	14.4	3.7
11	15.0	26.9	20.5	86.4	20.798	18.1	0.0	0.0	0.0	3.3
12	14.5	28.8	20.5	81.0	19.306	16.9	0.0	0.4	0.4	6.5
13	17.0	24.6	19.6	92.8	21.327	18.5	0.7	0.0	0.7	1.8
14	15.0	29.6	21.0	80.0	20.045	17.5	0.0	0.0	0.0	6.4
15	16.0	29.4	21.9	82.4	21.356	18.4	0.0	0.0	0.0	7.5
16	16.8	26.7	20.8	85.0	20.869	18.1	0.0	0.0	0.0	3.4
17	16.0	28.4	21.4	76.5	19.212	16.8	0.0	0.0	0.0	9.1
18	17.6	27.8	21.0	81.8	20.477	17.8	1.6	0.0	1.6	5.6
19	18.0	27.4	19.6	89.5	20.506	17.9	0.7	9.1	9.8	2.3
20	16.5	29.8	21.1	81.0	20.042	17.5	1.4	1.8	3.2	7.7
21	16.4	29.4	21.7	73.9	18.890	16.6	0.0	0.0	0.0	8.1
22	17.6	28.3	22.6	69.6	18.384	16.1	0.0	1.8	1.8	9.2
23	17.6	30.7	22.9	72.4	19.383	16.9	0.0	2.8	2.8	8.6
24	17.6	29.9	22.3	79.8	21.029	18.3	0.0	1.3	1.3	6.7
25	17.8	26.5	21.4	84.4	21.703	18.8	0.0	0.0	0.0	1.4
26	16.8	28.0	21.3	81.4	20.426	17.8	0.0	0.0	0.0	2.6
27	15.8	26.8	20.5	81.8	19.321	16.9	0.0	42.9	42.9	0.2
28	17.2	28.1	19.7	84.5	19.468	17.1	20.0	4.1	24.1	4.9
29	17.0	25.0	19.5	85.3	19.399	17.0	0.1	0.0	0.1	0.0
30	14.6	30.0	20.8	77.3	17.968	15.6	0.0	0.0	0.0	8.8
31	16.0	29.5	21.7	75.8	19.452	17.0	0.0	0.1	0.1	9.8
PROM.	16.6	28.0	21.1	80.6	19.950	17.4	40.8	91.6	132.4	167.8

ESTACION: CENICAFE MUNICIPIO CHINCHINA AÑO: 1.977

ALTITUD: 1.310 LATITUD: 4-59 N. LONGITUD: 75-35 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.6	31.0	22.7	14.8	33.1	68.4	17.996	15.8	70.4	7	235.8
FEBRERO	16.7	29.5	21.8	15.0	32.1	72.7	18.368	16.1	49.4	13	163.3
MARZO	16.9	30.1	22.5	15.0	33.4	70.3	18.312	16.0	202.6	16	164.4
ABRIL	16.6	28.1	21.3	14.0	31.5	78.4	18.970	16.6	174.1	22	128.2
MAYO	16.6	27.0	20.6	14.2	30.3	82.1	19.587	17.1	197.5	22	117.4
JUNIO	16.2	27.7	20.6	14.0	31.0	78.0	18.666	16.3	232.4	23	144.4
JULIO	16.2	28.3	21.4	14.5	31.3	73.7	18.003	15.8	179.7	19	179.4
AGOSTO	16.5	27.8	21.0	15.0	30.6	76.0	18.422	16.2	187.0	22	165.3
SEPTIEMBRE	16.4	27.4	20.8	14.7	31.0	75.3	17.918	15.7	255.3	21	138.1
OCTUBRE	16.4	26.5	20.3	12.8	29.3	82.7	19.498	17.0	301.9	25	112.8
NOVIEMBRE	16.6	27.2	20.6	14.6	30.4	79.8	19.126	16.7	172.3	21	150.5
DICIEMBRE	16.6	28.0	21.1	14.5	30.7	80.6	19.950	17.4	132.4	17	167.8
PROMEDIO	16.5	28.2	21.2	14.4	31.2	76.3	18.735	16.4			
TOTAL									2155.0	228	1867.4

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1.977

ALTITUD: 1.370 LATITUD: 4-58 N. LONGITUD: 75-36 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	28.6	21.6	76.8	19.416	17.0	1.5	0.0	1.5	7.7
2	16.6	27.5	21.7	72.3	18.641	16.4	0.0	4.7	4.7	6.7
3	16.0	29.9	21.6	77.6	19.589	17.2	0.0	0.0	0.0	10.5
4	15.6	29.5	21.9	71.5	18.650	16.4	0.0	0.0	0.0	10.5
5	15.8	30.8	22.0	63.3	16.863	14.8	0.0	0.0	0.0	10.5
6	14.4	29.9	20.9	64.3	15.935	14.0	0.0	0.0	0.0	10.5
7	15.6	29.0	21.7	65.9	16.922	14.8	0.0	0.0	0.0	10.3
8	16.0	29.0	21.9	63.5	16.837	14.8	0.0	0.0	0.0	10.4
9	14.4	30.0	21.4	68.7	17.074	14.9	0.0	0.0	0.0	10.3
10	15.0	29.0	21.8	64.5	16.801	14.7	0.0	0.0	0.0	8.8
11	15.2	28.8	20.9	71.7	17.025	15.0	0.0	0.0	0.0	9.0
12	16.2	29.9	21.6	72.3	18.100	15.9	0.0	0.0	0.0	8.0
13	15.0	29.9	22.5	72.1	18.977	16.7	0.0	0.0	0.0	8.1
14	16.1	29.9	22.7	72.7	19.343	17.0	0.0	4.3	4.3	7.5
15	17.8	30.2	23.2	74.6	20.419	17.8	0.0	10.8	10.8	8.3
16	17.6	29.4	23.3	73.8	20.315	17.7	0.0	0.2	0.2	8.3
17	17.6	30.4	23.1	75.2	20.575	18.0	0.0	0.5	0.5	6.7
18	18.2	28.7	22.1	79.4	20.808	18.1	0.0	0.0	0.0	7.1
19	16.8	30.0	22.2	73.8	19.528	17.1	0.0	0.0	0.0	7.5
20	16.3	30.5	22.3	73.1	19.177	16.8	0.0	0.0	0.0	9.3
21	16.5	30.3	22.5	68.4	18.334	16.1	0.0	0.0	0.0	9.4
22	15.6	31.0	22.8	71.6	19.020	16.7	0.0	0.0	0.0	9.9
23	16.8	27.0	21.0	81.1	20.554	17.9	0.0	0.0	0.0	5.0
24	17.1	26.3	21.9	75.8	19.679	17.2	0.0	0.0	0.0	3.0
25	16.4	30.2	23.1	72.3	19.834	17.4	0.0	0.3	0.3	7.1
26	17.0	27.0	21.2	75.7	18.759	16.5	0.0	0.3	0.3	4.0
27	16.8	29.6	22.1	70.3	18.453	16.2	0.0	0.0	0.0	8.2
28	17.3	29.2	22.2	68.8	18.114	15.9	0.0	1.1	1.1	8.1
29	17.1	29.5	22.4	76.2	20.149	17.6	0.0	44.0	44.0	7.0
30	17.2	28.2	21.4	79.6	19.896	17.4	0.6	3.8	4.4	6.5
31	16.1	27.1	20.4	82.1	19.458	17.1	0.0	0.0	0.0	6.1
PROM.	16.4	29.2	22.0	72.5	18.814	16.5	2.1	70.0	72.1	250.3

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	27.1	20.9	80.3	19.640	17.2	0.0	0.0	0.0	4.3
2	16.9	29.0	21.4	73.5	18.617	16.3	0.0	0.0	0.0	9.7
3	16.0	30.0	22.3	67.9	17.912	15.7	0.0	0.0	0.0	9.1
4	16.0	29.0	21.1	76.1	18.874	16.6	0.0	0.0	0.0	5.4
5	16.4	28.5	21.8	75.5	19.437	17.1	0.0	0.0	0.0	7.8
6	17.0	30.0	22.4	69.7	18.448	16.2	0.0	0.0	0.0	8.7
7	16.8	25.4	20.9	82.5	20.165	17.6	0.0	0.0	0.0	2.5
8	15.6	31.0	22.2	69.2	17.589	15.5	0.0	0.0	0.0	9.0
9	17.0	27.1	21.6	77.2	19.601	17.3	0.1	0.0	0.1	1.5
10	17.8	28.2	20.5	81.0	19.373	17.0	2.5	0.0	2.5	7.2
11	17.4	29.0	22.0	78.4	20.727	18.1	0.0	0.4	0.4	7.9
12	17.1	24.0	19.2	86.7	19.653	17.2	0.3	0.0	0.3	0.3
13	16.0	29.0	21.5	74.8	19.240	16.9	1.0	0.0	1.0	6.8
14	17.8	28.3	21.4	81.4	20.645	18.0	0.0	0.0	0.0	6.6
15	17.0	29.0	21.0	76.5	18.934	16.6	0.1	0.0	0.1	7.1
16	17.0	28.7	21.0	75.2	18.609	16.4	0.0	0.0	0.0	6.3
17	17.7	28.0	21.8	77.0	20.148	17.6	0.0	0.1	0.1	5.5
18	15.4	30.0	22.1	73.9	19.152	16.8	0.0	0.3	0.3	7.9
19	17.0	24.3	19.2	93.9	21.084	18.3	1.1	0.0	1.1	1.2
20	15.1	27.3	19.5	77.6	17.992	15.8	4.3	0.7	5.0	5.1
21	15.3	27.3	20.8	77.7	18.919	16.6	0.0	0.0	0.0	8.1
22	16.0	27.5	20.8	76.9	18.738	16.5	0.0	0.0	0.0	5.7
23	15.0	30.5	21.5	70.6	18.106	15.9	0.0	0.0	0.0	10.3
24	17.0	29.0	21.4	75.4	18.901	16.6	0.1	0.3	0.4	4.8
25	16.8	28.8	20.2	81.0	19.449	17.0	9.3	0.0	9.3	5.1
26	17.0	28.0	21.5	74.9	19.296	16.9	0.0	16.8	16.8	8.3
27	16.6	27.1	20.8	83.0	20.301	17.8	0.0	0.0	0.0	5.0
28	15.3	29.0	23.3	69.7	19.082	16.7	0.0	0.0	0.0	6.1
PROM.	16.5	28.2	21.2	77.1	19.244	16.9	18.8	18.6	37.4	173.3

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1.977

ALTITUD: 1.370 LATITUD: 4-58 N. LONGITUD: 75-36 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.8	28.0	22.3	76.0	20.159	17.6	0.0	0.0	0.0	4.6
2	18.0	30.0	23.6	70.7	19.651	17.2	0.0	0.0	0.0	7.8
3	16.9	30.0	22.8	70.3	18.983	16.7	0.0	0.0	0.0	6.3
4	16.5	30.0	23.4	69.7	19.506	17.1	0.0	0.0	0.0	6.7
5	16.6	31.6	23.8	70.4	20.049	17.5	0.0	0.0	0.0	7.9
6	17.3	29.9	22.6	73.2	19.776	17.3	0.0	0.0	0.0	4.5
7	16.6	31.5	23.0	67.2	18.458	16.2	0.0	0.0	0.0	7.5
8	16.9	32.0	23.2	60.2	16.597	14.6	0.0	0.0	0.0	5.9
9	15.8	30.8	23.8	68.1	19.000	16.7	0.0	0.0	0.0	7.6
10	17.9	32.4	25.1	63.9	20.162	17.7	0.0	0.0	0.0	8.3
11	18.4	30.0	23.8	71.2	20.771	18.1	0.0	0.0	0.0	4.0
12	18.2	30.0	22.9	73.0	20.436	17.8	0.0	3.6	3.6	6.3
13	17.6	29.9	21.2	77.0	19.514	17.1	14.6	0.7	15.3	5.9
14	16.0	29.0	22.8	71.6	18.738	16.4	0.0	0.0	0.0	8.1
15	17.6	29.8	22.9	73.1	19.774	17.3	0.0	8.7	8.7	6.2
16	17.2	28.0	20.9	80.4	19.709	17.3	0.3	0.0	0.3	1.5
17	17.0	30.0	21.7	76.1	19.373	17.0	0.4	0.0	0.4	4.4
18	16.8	31.0	23.8	70.9	19.870	17.4	0.0	19.1	19.1	8.3
19	16.0	27.0	21.5	79.7	20.134	17.5	0.0	0.0	0.0	3.3
20	16.2	30.1	22.5	68.3	18.171	16.0	0.0	0.0	0.0	9.4
21	17.0	31.0	23.0	71.3	19.667	17.2	0.0	2.2	2.2	7.7
22	17.8	25.8	20.7	87.3	21.263	18.5	0.7	2.0	2.7	1.0
23	17.6	26.0	20.7	84.1	20.383	17.8	1.4	17.1	18.5	1.6
24	17.7	27.5	21.2	81.1	20.523	17.9	1.3	0.0	1.3	5.3
25	17.8	27.6	21.8	81.4	21.032	18.3	0.0	2.9	2.9	3.7
26	17.6	30.3	22.7	74.7	20.204	17.7	0.0	0.0	0.0	6.5
27	17.4	30.0	21.1	78.4	19.997	17.5	5.5	0.7	6.2	5.6
28	17.4	24.3	19.2	87.9	19.843	17.4	7.1	1.9	9.0	0.9
29	16.9	28.0	21.8	75.1	19.201	16.9	0.0	49.3	49.3	7.0
30	16.8	26.2	20.3	84.6	20.361	17.8	0.3	1.6	1.9	1.9
31	16.0	25.0	19.9	83.9	19.759	17.3	42.7	0.0	42.7	4.7
PROM.	17.1	29.1	22.3	74.9	19.712	17.3	74.3	109.8	184.1	170.4

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	27.0	20.7	81.7	19.815	17.3	0.0	3.0	3.0	5.9
2	17.7	28.5	20.8	77.0	18.804	16.5	0.0	4.5	4.5	2.6
3	16.7	27.8	21.3	75.2	18.818	16.5	0.0	7.1	7.1	5.7
4	16.0	24.5	19.1	85.1	18.931	16.6	0.7	0.0	0.7	1.4
5	13.8	28.0	20.6	71.6	17.552	15.4	0.0	0.0	0.0	10.5
6	16.0	29.0	21.4	67.4	16.774	14.7	0.0	0.0	0.0	7.6
7	16.0	28.0	21.9	68.3	17.842	15.6	0.0	0.5	0.5	5.4
8	17.4	28.5	20.4	75.2	18.291	16.1	18.9	0.0	18.9	4.4
9	14.4	28.7	22.2	67.7	18.117	15.8	0.0	0.0	0.0	8.9
10	17.4	30.0	22.8	67.3	18.733	16.4	0.0	0.0	0.0	8.6
11	17.9	30.0	23.7	75.6	21.529	18.7	0.0	0.0	0.0	6.0
12	18.9	26.0	20.2	93.0	22.150	19.1	2.1	0.0	2.1	0.7
13	16.4	28.7	22.2	75.2	20.317	17.7	0.0	45.3	45.3	5.7
14	17.6	26.0	20.8	89.5	21.856	18.9	0.5	0.0	0.5	1.8
15	17.7	29.5	22.9	74.4	20.478	17.9	0.0	0.5	0.5	6.7
16	18.0	26.3	21.3	85.8	22.050	19.1	0.1	20.7	20.8	0.5
17	18.0	26.5	21.2	83.9	21.242	18.5	0.3	0.0	0.3	2.6
18	17.0	29.2	21.8	71.2	18.462	16.2	0.0	0.0	0.0	5.7
19	17.5	27.2	21.9	78.4	20.756	18.1	0.0	0.0	0.0	1.3
20	16.8	28.6	21.9	70.5	18.517	16.3	0.0	0.0	0.0	7.9
21	18.3	23.6	20.5	89.9	21.967	19.0	0.0	0.0	0.0	0.0
22	16.0	28.0	20.8	81.7	20.313	17.7	16.0	12.9	28.9	8.6
23	16.0	20.0	17.4	95.5	19.260	16.9	20.6	0.3	20.9	0.0
24	15.6	26.6	20.2	81.6	19.282	16.9	0.0	0.0	0.0	5.0
25	16.6	28.0	21.6	76.9	19.670	17.2	0.0	4.2	4.2	7.2
26	17.0	26.5	21.0	82.2	20.265	17.7	0.9	26.7	27.6	3.8
27	16.0	26.0	19.7	81.9	18.932	16.6	4.0	26.1	30.1	3.5
28	16.4	24.3	19.0	88.3	19.688	17.2	13.4	13.1	26.5	2.1
29	15.0	26.0	20.1	82.6	19.576	17.2	12.2	0.0	12.2	5.9
30	16.4	24.0	19.4	87.1	19.608	17.2	2.1	1.4	3.5	1.0
PROM	16.7	27.0	21.0	79.4	19.653	17.2	91.8	166.3	258.1	137.0

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1.977

ALTITUD: 1.370 LATITUD: 4-58 N. LONGITUD: 75-36 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	28.0	20.5	75.6	18.206	16.0	9.0	0.7	9.7	8.7
2	17.6	27.6	21.4	80.0	20.510	17.9	1.1	0.2	1.3	5.8
3	17.8	28.0	20.8	82.9	20.592	18.0	0.0	30.4	30.4	6.6
4	15.4	27.0	19.8	82.4	18.949	16.6	2.6	0.0	2.6	5.4
5	15.6	23.0	18.5	93.9	20.011	17.5	14.2	0.0	14.2	1.9
6	15.6	26.8	19.9	80.3	18.716	16.5	0.0	20.5	20.5	4.6
7	17.1	26.0	20.1	87.2	20.430	17.8	1.7	74.1	75.8	3.1
8	16.6	26.7	21.4	81.0	20.480	17.9	0.0	0.0	0.0	5.1
9	17.7	25.5	20.9	80.7	19.945	17.5	0.0	0.0	0.0	2.9
10	17.0	26.0	19.7	86.6	20.047	17.5	3.6	6.4	10.0	3.5
11	17.8	25.5	20.9	83.3	20.657	18.0	0.0	0.6	0.6	1.3
12	17.6	28.5	22.6	76.6	20.675	18.0	0.0	0.0	0.0	5.9
13	17.0	27.0	21.6	79.5	20.567	17.9	0.0	0.0	0.0	3.2
14	17.8	21.2	19.0	94.2	20.800	18.1	3.8	0.0	3.8	0.0
15	16.8	22.4	18.9	88.5	19.566	17.1	10.3	0.1	10.4	2.3
16	14.9	27.6	20.4	79.1	18.842	16.6	0.0	0.1	0.1	7.9
17	16.8	27.2	21.5	73.9	18.975	16.6	0.0	5.9	5.9	5.8
18	15.2	27.2	21.7	75.6	19.610	17.2	0.0	0.0	0.0	9.7
19	17.0	29.2	22.2	76.1	20.306	17.7	0.0	2.2	2.2	9.3
20	17.4	24.9	20.0	88.2	20.746	18.1	0.0	4.7	4.7	0.2
21	16.8	25.2	19.6	83.5	18.915	16.6	8.9	47.9	56.8	1.6
22	15.8	25.5	20.1	85.8	20.053	17.6	0.0	0.9	0.9	3.4
23	17.4	26.5	20.0	86.0	20.482	17.9	4.9	1.6	6.5	1.3
24	15.2	27.0	20.2	81.0	18.902	16.6	0.0	1.6	1.6	4.4
25	15.7	25.0	19.5	89.1	20.387	17.8	1.6	0.0	1.6	2.3
26	16.8	26.4	20.4	82.1	19.663	17.2	0.0	0.1	0.1	4.7
27	17.1	26.4	20.7	82.0	20.252	17.7	4.1	0.0	4.1	2.4
28	17.1	23.4	18.9	86.8	19.099	16.7	1.1	0.0	1.1	1.5
29	16.8	23.5	19.7	86.9	19.990	17.5	0.0	0.0	0.0	0.6
30	17.4	27.7	21.5	77.4	19.534	17.1	0.0	0.0	0.0	7.3
31	17.8	25.0	18.5	92.8	20.046	17.5	12.1	0.0	12.1	0.0
PROM.	16.7	26.0	20.4	83.2	19.869	17.4	79.0	198.0	277.0	122.7

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	25.0	18.5	91.3	19.792	17.3	8.3	25.5	33.8	4.5
2	15.8	26.5	20.3	79.9	18.631	16.4	0.0	0.0	0.0	4.5
3	16.8	27.3	21.8	76.6	19.638	17.2	0.0	5.3	5.3	4.8
4	17.2	26.7	20.3	82.9	19.794	17.4	2.8	0.0	2.8	4.0
5	17.2	25.1	19.2	86.8	19.582	17.2	0.4	0.0	0.4	3.5
6	16.4	25.6	19.6	86.5	19.808	17.3	8.9	6.3	15.2	3.5
7	16.8	24.0	19.7	86.1	19.743	17.3	5.2	18.2	23.4	1.7
8	15.6	26.4	20.2	80.1	18.496	16.2	0.5	9.2	9.7	6.6
9	18.2	27.4	20.7	83.9	20.553	17.9	0.0	0.0	0.0	6.7
10	16.0	28.0	20.1	76.4	18.314	16.1	0.0	0.7	0.7	2.9
11	14.2	25.4	18.7	81.8	17.533	15.4	0.6	1.4	2.0	6.4
12	15.0	24.0	17.6	92.4	18.766	16.5	2.6	0.4	3.0	2.9
13	14.9	24.0	18.8	88.6	19.103	16.8	3.2	0.9	4.1	2.6
14	15.6	26.3	20.6	80.2	19.204	16.9	0.0	0.0	0.0	4.9
15	16.0	28.8	21.4	73.3	18.547	16.3	0.0	0.0	0.0	10.1
16	17.0	28.0	20.8	75.9	18.964	16.7	21.3	0.0	21.3	5.6
17	16.4	29.5	21.6	73.5	18.947	16.6	0.0	0.0	0.0	8.2
18	16.0	27.9	20.4	82.1	19.484	17.1	1.1	0.2	1.3	7.2
19	16.8	26.4	20.9	77.9	19.285	16.9	0.0	0.0	0.0	5.5
20	17.4	26.8	20.6	83.9	20.400	17.8	3.3	4.7	8.0	3.1
21	16.8	26.1	19.8	85.9	19.950	17.5	4.7	0.0	4.7	3.4
22	15.0	26.9	20.4	72.6	17.188	15.1	0.0	0.6	0.6	7.8
23	16.4	28.4	21.1	76.2	19.004	16.7	1.0	92.2	93.2	6.1
24	15.4	27.8	21.6	76.9	19.408	17.0	0.0	0.0	0.0	7.3
25	18.0	28.8	22.3	74.6	19.850	17.4	0.1	0.2	0.3	8.1
26	17.2	28.8	21.5	77.2	19.888	17.4	0.1	11.1	11.2	6.2
27	17.0	28.8	22.1	75.6	19.976	17.5	0.0	0.0	0.0	9.1
28	17.0	26.7	20.8	75.4	18.542	16.3	1.4	0.8	2.2	3.8
29	17.0	25.3	19.5	87.6	20.401	17.8	3.7	30.2	33.9	3.5
30	16.8	25.3	18.7	89.9	19.489	17.1	25.5	38.3	63.8	2.8
PROM.	16.4	26.7	20.3	81.1	19.276	16.9	94.7	246.2	340.9	157.3

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1.977

ALTITUD: 1.370 LATITUD: 4-58 N. LONGITUD: 75-36 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.1	26.8	20.6	75.0	17.874	15.7	0.0	0.0	0.0	5.7
2	14.6	27.5	21.2	73.9	18.616	16.4	0.0	0.0	0.0	8.5
3	16.8	28.5	21.6	77.8	19.821	17.3	0.1	2.1	2.2	6.7
4	17.1	28.5	21.8	78.8	20.540	17.9	0.0	0.0	0.0	6.4
5	17.0	27.3	21.3	85.1	21.329	18.5	8.2	8.5	16.7	3.0
6	16.0	24.9	20.1	86.4	20.194	17.7	2.4	8.3	10.7	3.3
7	15.4	25.3	20.3	83.2	19.747	17.3	0.0	0.0	0.0	2.8
8	17.4	27.6	21.3	79.3	20.213	17.7	0.0	0.5	0.5	7.6
9	17.0	26.8	20.5	82.6	19.878	17.4	3.9	2.9	6.8	3.9
10	15.6	27.2	20.8	77.4	18.410	16.2	0.0	0.0	0.0	6.6
11	14.8	29.9	22.6	62.1	16.497	14.4	0.0	0.0	0.0	11.6
12	16.4	24.8	20.4	82.5	19.970	17.5	0.0	0.0	0.0	0.1
13	14.1	29.5	21.7	69.1	17.357	15.3	0.0	5.9	5.9	10.0
14	16.8	27.0	21.6	80.1	20.396	17.8	0.0	23.5	23.5	5.8
15	16.6	26.2	20.1	87.9	20.944	18.2	19.6	9.0	28.6	3.1
16	14.6	27.5	20.6	80.0	19.075	16.8	0.0	0.0	0.0	7.2
17	17.0	29.3	22.4	73.3	19.405	17.0	0.0	0.0	0.0	8.2
18	15.6	29.0	21.7	70.9	18.209	16.0	0.0	0.0	0.0	7.0
19	15.3	28.0	22.1	70.9	18.548	16.3	0.0	0.0	0.0	6.5
20	15.3	27.5	20.2	77.3	18.066	15.9	0.0	0.0	0.0	9.9
21	14.6	30.0	22.0	72.1	18.236	16.0	0.0	0.0	0.0	6.4
22	16.0	29.4	22.1	74.3	19.122	16.8	0.0	0.0	0.0	8.5
23	16.8	29.8	22.8	73.7	20.118	17.6	0.0	2.7	2.7	9.9
24	15.0	26.0	19.6	81.2	18.211	16.0	0.0	0.0	0.0	1.6
25	16.6	27.3	20.8	82.0	20.155	17.6	1.6	10.3	11.9	3.9
26	17.0	26.0	20.6	82.0	19.718	17.3	0.1	27.4	27.5	3.4
27	15.0	24.1	19.0	83.6	18.409	16.2	0.5	0.0	0.5	1.6
28	14.8	29.3	21.4	76.6	18.970	16.6	0.0	0.0	0.0	10.1
29	15.6	30.1	22.5	71.0	18.865	16.6	0.0	0.0	0.0	10.8
30	16.4	29.2	21.8	78.0	19.905	17.4	0.0	4.2	4.2	9.4
31	17.1	25.0	19.8	89.5	20.947	18.3	2.2	0.3	2.5	0.7
PROM.	15.9	27.6	21.1	78.0	19.282	16.9	38.6	105.6	144.2	190.2

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	25.3	19.8	84.2	19.454	17.1	0.0	0.0	0.0	2.6
2	14.8	28.2	21.0	77.8	18.946	16.6	0.0	0.0	0.0	9.3
3	15.3	27.4	20.2	75.1	17.429	15.3	0.0	0.0	0.0	6.9
4	17.8	27.9	21.5	76.4	19.425	17.0	0.0	5.0	5.0	5.4
5	17.0	27.3	20.4	84.6	20.585	18.0	26.6	1.6	28.2	2.6
6	17.2	27.0	20.5	81.9	20.010	17.5	0.1	12.3	12.4	3.4
7	16.0	25.6	19.7	86.6	20.053	17.5	2.5	31.9	34.4	2.4
8	16.2	24.0	19.0	83.8	18.509	16.3	0.6	0.9	1.5	2.3
9	15.6	25.0	19.2	88.4	19.675	17.2	7.2	0.1	7.3	3.0
10	15.1	26.0	20.0	80.4	18.666	16.4	0.0	13.2	13.2	4.9
11	16.0	27.0	20.1	80.2	18.919	16.7	0.0	0.0	0.0	8.0
12	15.0	27.0	20.8	70.1	17.847	15.7	0.3	4.7	5.0	5.9
13	14.4	28.3	19.8	81.3	18.431	16.2	0.0	42.1	42.1	8.5
14	15.8	25.0	19.3	82.4	18.606	16.4	0.5	3.1	3.6	6.8
15	16.0	25.4	19.8	82.8	19.223	16.9	0.8	4.5	5.3	4.7
16	17.0	24.7	19.3	87.5	19.860	17.4	0.9	0.0	0.9	1.1
17	15.6	27.0	20.9	74.0	18.214	16.0	0.0	1.1	1.1	7.8
18	16.0	27.1	20.7	76.3	18.513	16.3	0.0	0.0	0.0	6.2
19	14.8	28.0	21.3	70.8	17.931	15.8	0.1	12.8	12.9	8.7
20	16.0	25.0	19.5	84.5	19.060	16.8	0.0	9.3	9.3	1.9
21	15.4	24.3	18.7	87.8	18.933	16.6	0.1	0.3	0.4	2.7
22	16.0	28.6	22.7	79.6	21.555	18.7	0.8	0.0	0.8	9.8
23	17.6	29.9	22.7	71.4	19.258	16.9	0.0	0.0	0.0	10.6
24	17.1	28.8	22.0	74.9	19.805	17.4	0.0	0.0	0.0	7.4
25	16.0	31.1	22.7	76.8	20.949	18.2	0.0	0.0	0.0	8.8
26	17.8	30.8	20.9	79.8	19.827	17.4	1.4	0.0	1.4	6.5
27	16.6	28.8	21.9	76.2	19.992	17.4	0.0	0.0	0.0	7.1
28	17.2	31.3	23.1	70.4	19.347	17.0	0.0	0.0	0.0	10.1
29	15.6	28.6	22.2	72.2	19.118	16.7	0.0	1.4	1.4	7.3
30	15.7	26.5	21.8	78.7	20.064	17.5	0.0	6.5	6.5	5.1
31	16.0	24.0	19.6	86.0	19.652	17.2	1.8	0.0	1.8	1.6
PROM.	16.1	27.1	20.7	79.4	19.286	16.9	43.7	150.8	194.5	179.4

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1.977

ALTITUD: 1.370 LATITUD: 4-58 N. LONGITUD: 75-36 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.7	27.1	20.8	73.8	17.823	15.6	0.0	0.0	0.0	8.3
2	16.0	27.0	20.5	71.2	16.806	14.8	0.0	0.0	0.0	6.2
3	14.7	25.5	20.3	77.3	18.331	16.1	0.0	0.0	0.0	3.9
4	14.6	29.3	21.3	73.3	18.220	16.0	0.0	0.0	0.0	8.6
5	15.0	27.7	22.5	75.8	20.313	17.7	0.0	0.0	0.0	4.0
6	16.4	30.5	23.0	68.5	18.606	16.4	0.0	0.0	0.0	9.0
7	14.0	31.0	22.7	61.3	16.521	14.5	0.0	0.0	0.0	11.1
8	17.6	30.5	23.1	65.8	18.701	16.4	0.0	2.7	2.7	7.8
9	17.6	30.3	23.1	74.1	20.439	17.9	0.0	0.6	0.6	9.2
10	18.6	29.3	22.3	79.2	21.345	18.5	0.0	0.0	0.0	3.4
11	18.8	29.8	22.8	75.0	20.592	18.0	0.0	0.0	0.0	5.9
12	17.0	25.0	19.2	95.1	21.248	18.5	7.0	14.9	21.9	0.3
13	17.0	26.7	19.8	83.4	19.513	17.1	13.1	3.7	16.8	4.7
14	15.8	23.0	18.7	88.8	19.518	17.1	0.6	0.0	0.6	0.3
15	16.0	26.6	20.7	79.3	19.212	16.9	0.0	11.8	11.8	4.2
16	15.9	28.0	21.0	77.7	18.868	16.6	0.0	0.5	0.5	8.4
17	17.4	28.5	22.4	77.5	20.652	18.0	0.5	23.9	24.4	8.0
18	15.6	28.6	22.3	70.0	18.759	16.5	0.0	0.0	0.0	8.7
19	15.8	24.4	19.6	79.2	17.833	15.7	0.0	2.6	2.6	3.6
20	16.8	25.0	19.1	88.8	19.855	17.4	5.8	0.5	6.3	3.2
21	16.4	23.6	18.8	92.9	20.520	17.9	19.6	19.8	39.4	0.6
22	15.3	25.5	19.2	84.3	18.879	16.6	0.7	0.0	0.7	4.3
23	16.6	26.0	20.6	85.3	20.663	18.0	0.0	0.0	0.0	4.0
24	15.4	26.6	19.6	82.5	19.065	16.7	7.8	0.7	8.5	2.9
25	16.8	27.0	19.9	79.8	18.609	16.3	3.1	31.9	35.0	5.4
26	16.0	23.0	19.6	87.3	19.996	17.5	0.0	8.0	8.0	0.0
27	15.4	23.0	18.0	89.9	19.117	16.8	25.9	8.7	34.6	0.0
28	15.6	22.0	18.0	91.9	18.877	16.6	2.8	0.0	2.8	1.3
29	15.0	23.6	18.4	91.9	19.725	17.2	8.3	0.0	8.3	1.0
30	16.1	26.5	20.5	80.3	19.604	17.2	1.0	0.1	1.1	6.1
PROM.	16.1	26.7	20.6	80.0	19.274	16.9	96.2	130.4	226.6	144.4

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	27.0	19.9	82.6	19.502	17.1	1.3	43.7	45.0	3.6
2	16.0	26.0	20.8	78.8	19.349	17.0	0.0	0.0	0.0	2.2
3	16.2	27.8	20.8	78.1	19.319	16.9	0.9	10.4	11.3	7.1
4	16.0	26.7	20.4	82.2	20.038	17.5	5.7	0.3	6.0	5.7
5	16.8	27.4	21.5	78.2	19.762	17.3	0.0	3.0	3.0	7.0
6	16.8	27.0	21.1	80.6	20.282	17.7	0.1	2.6	2.7	5.1
7	17.4	23.3	19.2	90.3	20.374	17.8	23.8	0.0	23.8	0.4
8	16.1	26.1	19.1	89.2	19.743	17.3	1.0	2.7	3.7	5.1
9	17.0	25.0	19.4	83.1	18.841	16.6	0.1	2.0	2.1	1.8
10	17.8	24.0	19.3	86.6	19.669	17.2	2.1	5.4	7.5	0.5
11	15.8	27.2	21.1	82.4	20.624	18.0	0.0	29.0	29.0	5.7
12	16.8	24.0	19.0	90.3	20.068	17.5	16.0	0.0	16.0	1.7
13	16.3	26.0	19.6	86.3	19.803	17.3	3.5	0.8	4.3	1.6
14	15.0	27.4	19.8	87.3	20.202	17.7	0.0	0.0	0.0	5.2
15	16.7	27.0	20.4	81.4	19.642	17.2	0.4	1.3	1.7	5.1
16	16.4	27.0	20.3	77.7	18.306	16.1	0.0	0.0	0.0	3.9
17	16.6	27.0	20.1	86.0	20.695	18.0	2.1	0.0	2.1	3.8
18	15.6	28.4	20.7	82.4	20.070	17.6	0.0	0.0	0.0	4.5
19	16.8	27.0	21.1	81.9	20.828	18.1	0.0	0.0	0.0	3.9
20	16.6	27.2	21.1	82.1	20.474	17.9	0.6	88.2	88.8	4.3
21	16.0	28.5	21.7	81.2	20.821	18.1	0.0	39.4	39.4	7.0
22	17.1	25.1	19.4	90.9	20.687	18.0	2.9	0.0	2.9	3.4
23	16.6	27.3	20.9	83.9	20.945	18.2	13.3	24.2	37.5	6.7
24	16.1	24.4	19.8	94.3	21.766	18.8	2.7	0.0	2.7	3.9
25	15.8	26.7	21.0	81.5	20.275	17.7	0.0	9.9	9.9	4.3
26	17.4	21.5	18.7	94.1	20.465	17.9	15.7	0.0	15.7	0.0
27	16.1	25.3	19.5	86.8	19.788	17.3	3.2	0.0	3.2	3.6
28	15.9	27.0	20.3	85.7	20.875	18.2	4.3	3.9	8.2	5.4
29	16.0	26.0	19.5	85.5	19.350	17.0	0.0	0.0	0.0	4.9
30	16.9	26.0	18.8	87.0	19.496	17.1	0.3	0.0	0.3	5.8
31	15.8	27.2	20.1	74.4	17.372	15.3	0.0	0.0	0.0	7.9
PROM.	16.4	26.2	20.1	84.3	19.982	17.5	100.0	266.8	366.8	131.1

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1.977

ALTITUD: 1.370 LATITUD: 4-58 N. LONGITUD: 75-36 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.9	27.0	19.9	85.5	20.242	17.7	14.7	0.0	14.7	5.6
2	14.6	28.1	19.7	79.8	18.442	16.2	0.2	0.0	0.2	7.3
3	16.3	27.1	21.1	81.9	20.497	17.9	2.4	15.8	18.2	2.6
4	16.8	24.1	18.3	94.8	20.172	17.6	9.6	0.0	9.6	0.0
5	14.4	25.8	19.2	84.6	18.553	16.2	3.6	2.5	6.1	1.1
6	16.4	25.1	19.5	85.9	19.597	17.2	3.0	0.8	3.8	5.2
7	17.1	24.4	18.2	95.0	20.016	17.5	49.3	7.9	57.2	1.4
8	16.3	26.9	20.4	81.3	19.382	17.0	0.0	0.0	0.0	6.5
9	17.3	28.0	21.9	76.9	20.222	17.7	0.0	0.8	0.8	5.2
10	16.6	23.0	19.3	89.8	20.172	17.6	0.8	0.0	0.8	0.1
11	16.6	25.3	20.2	84.6	20.227	17.7	0.3	0.7	1.0	2.5
12	17.1	24.5	18.5	91.9	19.620	17.2	2.2	0.0	2.2	1.6
13	16.0	22.0	17.7	93.3	19.427	17.0	11.1	0.7	11.8	0.2
14	15.2	26.0	19.9	85.7	19.812	17.4	2.5	0.0	2.5	6.8
15	15.3	27.4	20.1	76.6	17.832	15.7	0.0	0.0	0.0	7.2
16	15.4	27.9	21.0	78.4	19.350	16.9	0.0	18.4	18.4	7.3
17	16.8	27.1	21.3	84.5	21.554	18.7	0.3	2.8	3.1	4.7
18	16.8	25.0	18.9	87.5	19.506	17.1	5.9	0.0	5.9	1.0
19	16.0	27.0	21.3	79.7	20.341	17.8	0.0	0.1	0.1	6.8
20	16.6	28.4	21.2	78.0	19.436	17.0	0.0	0.0	0.0	8.2
21	16.6	28.8	21.0	73.1	18.242	16.0	0.0	0.0	0.0	9.9
22	17.1	27.3	21.3	76.3	19.564	17.1	0.0	0.0	0.0	5.1
23	16.4	28.0	20.8	82.4	20.108	17.6	0.0	14.6	14.6	5.0
24	16.3	26.8	20.8	84.5	20.792	18.1	0.1	10.1	10.2	6.0
25	16.2	28.1	21.7	79.2	20.907	18.2	0.0	1.8	1.8	7.8
26	17.0	26.0	20.3	85.7	20.512	17.9	0.3	0.6	0.9	2.8
27	17.4	27.1	21.1	81.1	20.195	17.7	0.1	5.0	5.1	7.3
28	16.3	28.5	21.1	79.7	19.682	17.2	0.0	0.0	0.0	7.1
29	16.9	28.5	21.7	77.1	20.117	17.6	0.0	0.0	0.0	7.0
30	16.0	27.4	20.8	72.0	17.510	15.4	0.0	0.0	0.0	7.5
PROM.	16.4	26.6	20.3	82.9	19.734	17.3	106.4	82.6	189.0	146.8

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	28.1	20.7	78.4	19.346	16.9	0.0	0.0	0.0	7.2
2	16.4	26.5	21.9	77.6	20.848	18.2	0.1	11.0	11.1	6.3
3	16.3	26.8	20.2	84.2	19.992	17.5	0.0	0.5	0.5	7.1
4	17.6	28.1	20.9	84.7	21.096	18.3	0.6	0.5	1.1	6.7
5	17.0	27.8	21.6	77.8	19.991	17.5	0.0	1.5	1.5	6.6
6	17.4	27.0	21.8	80.8	21.305	18.5	0.7	0.9	1.6	4.5
7	17.2	25.4	19.7	84.7	19.832	17.3	0.0	0.0	0.0	3.0
8	15.8	27.5	21.0	76.7	19.020	16.5	0.0	0.0	0.0	8.5
9	16.8	27.6	21.4	72.8	19.448	17.0	1.5	11.1	12.6	6.0
10	16.8	26.6	20.5	84.3	20.899	18.2	10.0	0.2	10.2	3.8
11	15.0	27.0	20.4	82.2	19.575	17.5	1.7	0.0	1.7	5.1
12	14.4	27.7	20.1	79.9	18.850	16.6	0.2	0.4	0.6	7.4
13	16.8	24.0	18.9	86.7	19.200	16.9	0.1	0.0	0.1	1.8
14	15.0	28.5	21.0	76.6	19.192	16.8	0.0	0.0	0.0	7.0
15	16.3	28.0	21.4	77.1	19.472	17.1	0.0	0.0	0.0	8.0
16	16.8	26.2	20.7	85.9	21.188	18.3	0.0	0.0	0.0	2.8
17	16.3	27.6	20.8	76.9	18.878	16.6	0.0	0.0	0.0	7.7
18	17.0	27.0	20.3	84.9	20.571	17.9	0.0	0.0	0.0	5.7
19	17.0	26.5	20.3	88.1	21.096	18.4	0.2	8.2	8.4	2.7
20	16.8	27.5	21.1	83.0	20.686	18.0	0.0	0.0	0.0	9.3
21	17.0	28.5	21.6	79.8	20.737	18.1	0.0	0.0	0.0	8.0
22	17.0	28.8	21.7	75.6	19.198	16.9	0.0	0.3	0.3	8.6
23	16.6	29.0	21.5	78.6	19.861	17.4	0.0	0.1	0.1	7.9
24	17.6	28.6	21.8	82.5	21.354	18.5	0.0	0.0	0.0	5.3
25	17.4	26.0	20.9	80.4	19.730	17.3	0.0	0.0	0.0	0.8
26	16.7	27.4	21.2	79.6	20.089	17.6	0.0	0.0	0.0	2.4
27	14.8	26.0	20.8	86.0	21.286	18.5	0.0	25.0	25.0	0.3
28	16.3	27.0	19.8	88.6	20.611	18.0	0.4	8.0	8.4	4.8
29	17.4	24.5	19.7	82.2	18.974	16.6	0.0	0.0	0.0	1.1
30	13.8	27.0	20.4	72.3	16.524	14.4	0.1	0.0	0.1	8.8
31	15.0	27.2	21.4	78.1	19.624	17.2	0.0	0.0	0.0	9.4
PROM	16.4	27.1	20.8	80.9	19.964	17.4	15.6	67.7	83.3	174.6

ESTACION: NARANJAL MUNICIPIO CHINCHINA AÑO: 1.977

ALTITUD: 1.37C LATITUD: 4-58 N. LONGITUD: 75-36 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.4	29.2	22.0	14.4	31.0	72.5	18.814	16.5	72.1	11	250.3
FEBRERO	16.5	28.2	21.2	15.0	31.0	77.1	19.244	16.9	37.4	13	173.3
MARZO	17.1	29.1	22.3	15.8	32.4	74.9	19.712	17.3	184.1	16	170.4
ABRIL	16.7	27.0	21.0	13.8	30.0	79.4	19.653	17.2	258.1	20	137.0
MAYO	16.7	26.0	20.4	14.9	29.2	83.2	19.869	17.4	277.0	24	122.7
JUNIO	16.4	26.7	20.3	14.2	29.5	81.1	19.276	16.9	340.9	22	157.3
JULIO	15.9	27.6	21.1	14.1	30.1	78.0	19.282	16.9	144.2	14	190.2
AGOSTO	16.1	27.1	20.7	14.4	31.3	79.4	19.286	16.9	194.5	21	179.4
SEPTIEMBRE	16.1	26.7	20.6	14.0	31.0	80.0	19.274	16.9	226.6	19	144.4
OCTUBRE	16.4	26.2	20.1	15.0	28.5	84.3	19.982	17.5	366.8	24	131.1
NOVIEMBRE	16.4	26.6	20.3	14.4	28.8	82.9	19.734	17.3	189.0	22	146.8
DICIEMBRE	16.4	27.1	20.8	13.8	29.0	80.9	19.964	17.4	83.3	16	174.6
PROMEDIO	16.4	27.3	20.9	14.5	30.2	79.5	19.508	17.1			
TOTAL									2374.0	222	1977.5

ESTACION: LA FLORIDA MUNICIPIO: POPAYAN AÑO: 1.977

ALTITUD: 1.850 LATITUD: 2-27 N. LONGITUD: 76-35 W.

M E S - ENERO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.8	23.0	18.5	80.6	17.425	15.3	0.0	0.0	0.0	5.0
2	12.3	25.0	18.5	72.0	15.300	13.3	0.0	0.0	0.0	9.6
3	11.8	25.0	18.1	75.1	15.615	13.6	0.0	0.0	0.0	6.8
4	12.6	25.0	18.9	68.4	14.975	12.9	0.0	0.0	0.0	6.6
5	13.0	26.1	18.7	67.7	14.463	12.4	0.0	0.0	0.0	10.9
6	12.0	25.8	18.4	56.4	11.955	9.6	0.0	0.0	0.0	11.1
7	12.0	25.0	18.8	70.1	15.200	13.1	0.0	0.0	0.0	6.4
8	14.0	23.6	17.8	82.2	17.009	14.9	0.0	0.0	0.0	4.5
9	13.1	26.0	20.0	74.8	17.594	15.4	0.0	0.0	0.0	10.4
10	13.0	25.4	19.3	72.3	16.378	14.3	0.0	0.0	0.0	7.8
11	12.3	25.0	18.3	71.2	15.011	12.9	0.0	0.0	0.0	8.9
12	13.0	25.8	19.4	72.6	16.301	14.0	0.0	0.0	0.0	8.8
13	12.1	26.0	19.1	75.8	16.329	14.3	0.0	0.0	0.0	10.6
14	14.0	26.4	20.0	77.9	18.278	15.9	0.0	0.0	0.0	6.9
15	15.5	26.0	20.3	70.0	16.785	14.7	0.0	0.0	0.0	9.3
16	12.8	27.0	19.8	71.5	16.860	14.5	7.7	0.0	7.7	9.6
17	13.0	25.4	18.8	79.9	17.458	15.2	0.0	0.0	0.0	8.5
18	12.5	24.5	18.4	77.8	16.410	14.3	4.5	0.0	4.5	4.4
19	14.5	22.5	16.9	86.7	16.900	14.9	17.2	0.0	17.2	2.6
20	13.0	26.6	19.8	76.0	17.221	15.1	0.0	0.0	0.0	8.7
21	14.5	26.4	20.2	78.8	18.513	16.2	0.1	0.0	0.1	6.1
22	13.0	25.8	18.0	72.9	15.297	13.3	28.0	0.9	28.9	6.9
23	15.1	22.0	17.2	92.8	18.505	16.2	20.0	3.0	23.0	1.1
24	15.1	25.0	18.1	82.9	17.450	15.4	0.0	0.0	0.0	5.1
25	13.0	26.0	19.0	72.1	16.044	13.9	0.0	0.0	0.0	8.3
26	13.1	25.0	17.4	81.8	16.571	14.5	0.0	0.0	0.0	8.4
27	13.4	25.0	18.5	75.4	15.919	13.8	1.2	0.0	1.2	7.1
28	13.8	25.4	18.8	72.3	15.618	13.5	0.0	1.7	1.7	7.2
29	15.0	25.0	18.9	77.8	17.306	15.2	0.0	1.2	1.2	6.0
30	13.5	24.5	18.4	74.7	16.117	14.0	0.1	4.5	4.6	6.9
31	13.0	22.4	16.6	81.3	15.681	13.6	6.8	0.0	6.8	4.6
PROM.	13.3	25.1	18.7	75.5	16.338	14.2	85.6	11.3	96.9	225.1

M E S - FEBRERO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.6	21.4	16.8	91.5	17.539	15.4	0.9	0.0	0.9	1.3
2	11.6	25.0	18.4	79.7	16.521	14.4	0.0	0.0	0.0	7.6
3	12.6	25.1	17.8	74.5	15.114	13.0	0.0	0.0	0.0	10.0
4	11.8	25.2	17.8	70.3	13.981	11.9	0.0	0.0	0.0	10.7
5	11.3	25.0	18.2	70.5	15.006	13.0	0.0	0.0	0.0	8.8
6	12.3	23.0	18.6	82.3	17.760	15.6	0.0	0.0	0.0	4.3
7	15.0	23.4	17.6	90.5	18.359	16.2	0.7	0.0	0.7	3.8
8	14.0	27.8	20.5	67.1	15.557	13.6	0.0	0.0	0.0	7.8
9	13.0	26.3	19.2	75.8	16.617	14.5	0.0	0.0	0.0	9.4
10	14.0	27.0	20.4	72.8	17.390	15.3	0.0	0.0	0.0	8.7
11	12.6	25.0	18.3	82.4	17.559	15.2	0.0	0.0	0.0	6.2
12	14.0	21.8	17.8	83.6	16.884	14.8	0.0	0.0	0.0	0.4
13	13.8	24.0	17.5	84.2	17.144	15.0	1.4	0.0	1.4	5.3
14	13.1	26.0	18.4	77.8	16.450	14.3	0.0	0.0	0.0	7.1
15	14.1	24.0	17.5	86.4	17.293	15.1	0.0	0.3	0.3	4.1
16	15.1	25.0	18.9	84.6	18.915	16.6	0.4	0.0	0.4	3.8
17	15.1	25.3	18.5	83.4	17.878	15.8	0.0	0.0	0.0	5.3
18	14.1	24.0	17.7	82.8	16.955	14.9	6.1	0.0	6.1	2.6
19	13.1	23.0	17.4	82.5	16.394	14.4	0.0	0.0	0.0	2.1
20	15.0	22.8	16.8	94.1	18.369	16.1	2.5	0.0	2.5	2.3
21	13.8	23.3	17.6	90.9	18.207	16.0	1.5	0.0	1.5	2.6
22	12.0	25.1	19.9	74.8	16.795	14.6	0.0	0.0	0.0	8.9
23	14.0	27.0	19.6	69.7	15.725	13.7	0.0	0.0	0.0	8.7
24	13.1	26.0	18.4	74.4	15.962	13.9	1.8	0.0	1.8	5.4
25	15.0	22.2	17.8	87.0	17.995	15.8	0.0	0.0	0.0	1.2
26	13.1	26.3	19.7	78.6	17.567	15.4	0.0	0.0	0.0	8.5
27	12.3	24.3	19.0	72.5	15.490	13.4	0.0	0.0	0.0	4.5
28	13.1	25.6	20.0	69.0	15.993	13.9	0.0	0.0	0.0	6.2
PROM.	13.4	24.6	18.4	79.8	16.836	14.7	15.3	0.3	15.6	157.6

ESTACION: LA FLORIDA MUNICIPIO: POPAYAN AÑO: 1.977

ALTITUD: 1.850 LATITUD: 2-27 N. LONGITUD: 76-35 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.0	24.4	19.6	72.6	16.328	14.1	0.0	0.0	0.0	5.4
2	14.6	27.6	20.8	70.0	16.501	14.4	0.0	0.0	0.0	7.9
3	15.0	26.8	20.1	62.5	14.250	12.2	0.0	0.0	0.0	7.4
4	16.0	27.9	20.7	60.8	14.622	12.6	0.0	0.0	0.0	7.0
5	16.1	28.0	21.3	64.3	16.158	14.2	0.0	0.0	0.0	8.7
6	15.1	28.4	21.5	63.7	16.077	14.1	0.0	0.0	0.0	8.0
7	15.1	27.8	22.9	55.2	14.418	12.4	0.0	0.0	0.0	9.3
8	14.6	28.1	23.2	58.4	16.290	14.2	0.0	0.0	0.0	8.5
9	16.3	27.9	21.3	64.9	16.397	14.4	0.0	0.0	0.0	8.4
10	17.4	27.8	21.9	60.4	15.782	13.8	0.0	0.0	0.0	7.8
11	15.4	28.1	20.7	67.0	16.353	14.3	0.0	0.0	0.0	7.8
12	13.1	27.1	20.1	74.9	17.785	15.6	0.0	0.0	0.0	7.4
13	13.0	26.0	18.7	77.3	16.781	14.7	3.4	0.0	3.4	5.4
14	14.1	24.0	18.0	76.1	15.969	13.9	0.0	0.0	0.0	4.2
15	13.1	26.3	18.8	78.9	17.218	15.1	0.0	0.0	0.0	5.5
16	15.1	23.0	18.8	86.4	18.733	16.4	1.5	0.0	1.5	0.4
17	15.0	26.0	19.6	78.8	18.031	15.8	1.7	0.0	1.7	2.0
18	15.4	27.1	19.9	76.9	17.741	15.6	0.0	0.0	0.0	4.3
19	15.2	25.0	19.2	80.0	17.982	15.8	0.0	0.0	0.0	2.9
20	15.1	26.4	21.6	74.4	18.673	16.4	0.0	0.0	0.0	4.6
21	15.0	26.0	20.1	72.1	17.147	15.0	0.3	0.0	0.3	5.5
22	14.8	24.3	19.0	82.6	18.289	16.1	7.6	10.5	18.1	1.9
23	15.1	21.4	17.3	88.6	17.637	15.5	3.5	0.0	3.5	0.4
24	15.3	25.8	18.9	82.1	18.037	15.9	0.1	0.5	0.6	3.3
25	15.4	26.3	18.4	82.8	17.644	15.5	1.7	0.0	1.7	3.8
26	14.8	27.8	20.6	74.5	17.971	15.7	0.0	0.0	0.0	7.0
27	13.1	27.0	20.1	70.7	16.591	14.5	25.0	0.0	25.0	8.4
28	14.4	22.4	17.1	92.1	18.462	16.2	0.0	0.0	0.0	1.2
29	13.7	23.0	18.2	85.9	17.615	15.4	0.3	3.0	3.3	1.5
30	15.0	22.0	18.0	85.2	17.528	15.4	0.0	15.8	15.8	0.7
31	13.3	24.1	17.4	82.9	16.573	14.5	3.0	0.2	3.2	5.1
PROM.	14.8	25.9	19.8	74.3	16.954	14.8	48.1	30.0	78.1	161.7

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.1	23.0	17.5	79.8	16.130	14.2	7.7	0.0	7.7	2.7
2	13.1	26.0	18.3	76.2	16.277	14.3	23.2	1.4	24.6	7.7
3	13.0	24.1	17.2	83.8	16.858	14.7	1.9	7.8	9.7	6.9
4	14.3	22.4	16.8	84.5	16.196	14.2	4.5	0.0	4.5	2.9
5	15.0	23.1	18.1	82.4	17.208	15.1	0.0	0.0	0.0	3.0
6	13.0	24.1	18.6	71.4	15.263	13.2	0.0	0.2	0.2	4.2
7	15.1	25.1	18.9	79.7	17.850	15.7	0.0	0.0	0.0	4.3
8	14.1	22.0	17.6	85.0	17.296	15.2	1.9	0.0	1.9	1.8
9	14.3	25.6	19.7	78.1	17.825	15.7	0.0	1.4	1.4	5.3
10	14.1	25.0	19.0	79.3	17.476	15.3	0.0	0.0	0.0	5.9
11	15.3	26.8	19.6	82.8	18.971	16.6	0.0	0.0	0.0	4.3
12	15.0	26.0	20.0	80.2	18.799	16.5	0.0	0.0	0.0	3.5
13	14.4	24.4	19.2	81.7	18.155	15.9	0.0	0.0	0.0	3.2
14	12.3	25.4	18.8	80.3	17.413	15.2	0.0	0.0	0.0	5.4
15	14.1	26.4	20.7	67.4	15.780	13.8	0.0	0.0	0.0	4.1
16	15.3	25.4	19.6	71.6	16.641	14.6	0.0	0.0	0.0	4.2
17	14.1	24.1	18.2	84.2	17.948	15.8	0.0	0.0	0.0	3.8
18	15.1	25.1	19.7	78.5	18.084	15.9	0.0	0.0	0.0	2.0
19	13.6	27.9	20.6	62.6	14.821	12.8	0.0	0.0	0.0	7.0
20	13.6	28.0	20.2	68.1	16.217	14.2	0.0	0.0	0.0	9.9
21	15.1	20.0	17.0	95.3	18.767	16.4	0.4	0.0	0.4	0.0
22	13.0	24.1	17.2	85.1	17.033	14.8	0.3	0.4	0.7	0.9
23	14.8	19.8	16.2	90.8	16.729	14.7	11.5	0.9	12.4	0.3
24	14.0	22.5	17.5	86.0	17.142	15.1	0.1	0.0	0.1	0.3
25	14.0	25.8	18.9	77.2	16.991	14.9	0.0	20.1	20.1	8.2
26	14.5	22.4	17.9	84.5	17.118	15.0	0.0	17.7	17.7	2.4
27	14.5	24.0	17.5	83.7	16.707	14.7	13.3	1.8	15.1	2.4
28	15.5	22.9	17.2	90.1	17.914	15.8	7.5	14.3	21.8	3.9
29	13.0	25.0	18.4	78.0	16.082	14.0	0.0	0.5	0.5	8.5
30	15.0	24.0	18.5	78.3	16.649	14.7	0.0	0.0	0.0	5.7
PROM.	14.2	24.3	18.5	80.2	17.078	15.0	72.3	66.5	138.8	124.7

ESTACION: LA FLORIDA MUNICIPIO: POPAYAN AÑO: 1.977

ALTITUD: 1.850 LATITUD: 2-27 N. LONGITUD: 76-35 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	25.3	18.3	81.7	17.129	15.1	14.1	7.7	21.8	5.1
2	13.8	26.0	18.3	79.9	16.905	14.9	46.1	0.9	47.0	8.1
3	14.0	26.4	19.3	81.6	18.260	16.0	0.9	0.0	0.9	7.6
4	14.1	25.1	18.3	78.9	17.109	15.0	2.5	26.0	28.5	4.2
5	14.8	18.9	16.5	94.8	17.707	15.6	5.6	0.0	5.6	0.8
6	14.0	24.0	17.9	82.9	16.817	14.8	2.0	0.1	2.1	3.8
7	14.0	23.7	18.5	82.2	17.557	15.3	9.4	0.0	9.4	3.7
8	14.1	25.0	19.3	84.2	18.758	16.5	0.0	0.0	0.0	4.8
9	14.0	24.0	17.7	84.6	17.698	15.6	0.0	0.0	0.0	3.6
10	15.4	24.0	18.8	83.8	18.463	16.3	5.8	0.0	5.8	4.4
11	16.0	23.0	18.8	84.8	18.702	16.4	3.3	0.3	3.6	2.1
12	15.1	26.3	19.2	77.1	17.437	15.3	0.0	0.0	0.0	6.8
13	15.1	25.1	20.3	72.8	17.269	15.2	0.0	0.0	0.0	5.9
14	13.1	22.4	17.8	86.9	17.821	15.7	22.6	5.5	28.1	2.5
15	15.0	19.5	15.9	95.9	17.438	15.3	27.2	10.2	37.4	0.4
16	14.8	23.5	17.5	86.4	17.474	15.4	0.0	0.5	0.5	1.7
17	15.3	24.4	18.9	78.8	17.136	15.1	0.0	0.0	0.0	3.8
18	13.0	26.0	18.8	77.3	16.904	14.7	1.1	0.0	1.1	4.4
19	13.6	25.6	20.2	75.0	17.582	15.4	0.0	0.0	0.0	6.6
20	13.0	25.4	18.0	77.7	16.181	14.1	0.0	0.0	0.0	4.8
21	12.3	22.5	18.5	74.2	16.023	14.0	0.0	0.0	0.0	1.1
22	13.3	23.5	18.2	78.8	16.367	14.2	0.0	0.0	0.0	1.6
23	14.1	22.5	17.3	83.0	16.504	14.4	5.8	0.3	6.1	1.3
24	13.6	23.8	15.8	92.9	16.898	14.8	8.2	0.0	8.2	5.6
25	13.8	21.3	16.6	89.0	17.089	15.0	19.3	3.0	22.3	0.8
26	13.3	22.5	17.2	91.6	17.844	15.7	8.4	0.0	8.4	4.5
27	13.0	22.5	16.8	81.5	15.538	13.4	3.4	0.0	3.4	2.6
28	15.3	22.0	17.1	85.8	17.082	15.0	0.0	0.0	0.0	0.5
29	13.6	25.0	18.1	81.4	16.891	14.8	0.0	0.0	0.0	5.2
30	13.6	24.0	18.7	77.8	16.919	14.9	0.0	0.0	0.0	4.7
31	13.0	24.0	18.3	76.3	16.053	14.0	0.0	0.0	0.0	4.8
PROM.	14.1	23.8	18.1	82.6	17.211	15.1	185.7	54.5	240.2	117.8

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.8	24.1	18.0	84.8	17.553	15.4	3.1	25.5	28.6	5.7
2	14.1	21.1	16.4	89.5	16.931	14.9	7.3	0.0	7.3	0.7
3	14.8	24.8	17.4	84.8	17.351	15.2	16.1	0.0	16.1	3.7
4	13.1	23.6	17.9	84.5	17.927	15.7	3.8	0.0	3.8	4.8
5	13.1	25.0	18.8	75.0	16.462	14.4	0.0	0.0	0.0	6.8
6	12.8	24.0	17.3	79.2	15.633	13.6	0.0	0.0	0.0	2.0
7	14.1	22.0	16.8	86.4	16.668	14.8	13.8	2.9	16.7	1.2
8	14.8	25.0	18.8	81.9	17.321	15.2	0.0	0.0	0.0	7.2
9	14.1	24.0	17.2	81.0	16.291	14.3	0.0	0.0	0.0	5.3
10	13.0	23.0	17.7	81.6	16.361	14.3	0.0	0.0	0.0	3.9
11	13.6	24.0	17.5	83.2	16.810	14.7	3.6	34.4	38.0	5.0
12	14.4	21.0	16.8	84.8	16.282	14.3	3.2	1.0	4.2	2.2
13	13.8	21.5	16.5	90.9	17.345	15.2	0.0	0.0	0.0	2.3
14	12.6	22.0	17.5	82.6	16.628	14.6	0.0	0.0	0.0	2.2
15	13.0	25.1	18.6	66.9	14.054	12.0	0.0	0.0	0.0	6.7
16	14.0	24.6	18.1	67.4	14.258	12.2	0.0	0.0	0.0	7.3
17	15.1	26.1	19.6	59.7	13.986	11.9	0.0	0.1	0.1	7.8
18	13.0	26.3	19.5	63.0	14.119	12.1	0.0	0.3	0.3	8.1
19	14.5	24.5	19.1	70.6	15.658	13.7	0.2	0.0	0.2	6.8
20	13.8	23.6	18.9	84.2	17.859	15.7	1.4	7.7	9.1	3.8
21	14.5	22.2	18.3	85.6	17.746	15.6	0.9	0.1	1.0	4.5
22	14.1	25.1	18.3	64.2	13.324	11.1	0.0	0.0	0.0	8.7
23	13.0	25.3	19.4	75.0	16.805	14.8	0.0	0.0	0.0	7.8
24	14.6	24.1	19.6	71.3	16.256	14.1	0.9	0.0	0.9	5.6
25	14.5	26.1	20.3	55.4	13.243	11.1	0.0	0.1	0.1	5.9
26	13.7	24.9	19.3	67.9	14.993	12.9	0.0	0.0	0.0	5.8
27	12.8	25.0	19.0	66.9	14.411	12.2	0.0	0.0	0.0	7.2
28	13.0	22.1	16.7	79.1	15.192	13.2	0.0	0.0	0.0	2.2
29	13.0	25.0	17.4	80.8	16.264	14.3	2.7	0.1	2.8	5.3
30	14.6	21.0	16.2	90.9	16.965	14.9	2.8	0.0	2.8	1.6
PROM.	13.7	23.9	18.1	77.3	16.031	13.9	59.8	72.2	132.0	148.1

ESTACION: LA FLORIDA MUNICIPIO: POPAYAN AÑO: 1.977

ALTITUD: 1.850 LATITUD: 2-27 N. LONGITUD: 76-35 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.8	23.6	17.8	81.6	16.442	14.5	0.0	0.0	0.0	5.8
2	14.7	25.4	18.1	82.3	17.239	15.2	2.7	0.8	3.5	6.1
3	12.5	26.5	18.5	77.7	16.751	14.7	0.0	0.0	0.0	7.6
4	12.8	25.0	18.6	64.2	13.839	11.8	0.0	0.0	0.0	5.3
5	12.5	22.4	16.5	89.2	16.747	14.6	2.2	0.0	2.2	4.7
6	14.0	21.0	16.7	84.5	16.391	14.4	1.1	0.0	1.1	1.8
7	13.5	23.1	16.9	81.2	15.927	13.9	7.1	0.0	7.1	2.4
8	14.0	23.5	16.9	79.0	15.695	13.7	0.0	0.0	0.0	4.4
9	14.5	24.0	18.1	76.7	16.265	14.3	0.0	0.2	0.2	3.3
10	13.5	25.4	17.5	72.2	14.567	12.6	0.0	0.0	0.0	2.5
11	13.8	25.1	17.6	68.4	13.730	11.7	0.0	0.0	0.0	7.5
12	13.8	25.8	19.0	57.0	12.568	10.3	0.0	0.0	0.0	8.6
13	13.8	25.8	19.2	58.5	12.752	10.6	0.0	0.0	0.0	6.6
14	13.5	26.3	20.3	66.2	15.635	13.6	0.0	0.0	0.0	6.0
15	13.8	23.5	17.8	78.6	15.615	13.5	0.0	0.0	0.0	2.5
16	15.0	26.4	19.3	65.7	14.455	12.3	0.0	0.0	0.0	5.6
17	13.5	26.0	19.1	59.5	12.957	10.7	0.0	0.0	0.0	9.8
18	13.0	26.8	20.2	54.6	12.780	10.6	0.0	0.0	0.0	9.9
19	14.5	25.8	19.6	67.8	15.154	13.1	0.0	0.0	0.0	2.8
20	13.5	25.5	19.0	78.9	17.299	15.2	0.0	0.0	0.0	3.3
21	13.5	28.0	20.3	60.1	14.005	11.8	0.0	0.0	0.0	10.1
22	13.5	26.4	19.5	55.1	12.697	10.5	0.0	0.0	0.0	9.4
23	12.8	27.0	21.2	62.7	15.266	13.3	0.0	0.0	0.0	5.6
24	16.0	26.0	18.8	60.2	13.414	11.3	0.0	0.0	0.0	2.4
25	14.3	24.4	17.9	79.5	16.857	14.8	0.0	0.0	0.0	2.5
26	13.8	23.3	17.9	85.7	17.669	15.5	1.4	1.6	3.0	1.6
27	14.8	19.1	15.8	94.5	17.184	15.1	1.7	0.0	1.7	0.9
28	14.5	26.1	20.7	60.1	13.511	11.2	0.0	0.0	0.0	8.4
29	17.0	27.0	22.0	49.7	13.230	11.0	0.0	0.0	0.0	6.4
30	14.3	26.1	20.1	58.2	13.605	11.5	0.0	0.0	0.0	3.8
31	12.0	23.0	16.7	80.1	15.501	13.5	2.2	0.0	2.2	2.9
PROM.	13.8	24.9	18.6	70.6	15.024	12.9	18.4	2.6	21.0	160.5

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	22.5	16.3	82.0	15.582	13.6	0.4	0.2	0.6	3.2
2	13.6	26.1	19.8	60.2	13.470	11.4	0.0	0.0	0.0	7.7
3	13.5	23.1	18.2	64.8	14.225	12.2	0.2	0.0	0.2	1.4
4	12.5	26.0	18.3	74.3	15.703	13.7	0.0	0.0	0.0	3.6
5	13.8	26.0	17.8	78.3	16.163	14.1	0.0	0.0	0.0	2.9
6	13.3	24.0	19.1	79.1	17.773	15.6	0.0	0.0	0.0	4.3
7	12.9	23.0	16.4	85.1	16.281	14.3	2.4	0.0	2.4	2.6
8	13.5	24.0	17.2	80.7	16.233	14.2	2.0	1.0	3.0	3.3
9	13.0	23.0	16.7	81.0	15.830	13.7	2.6	0.0	2.6	3.3
10	11.5	26.0	18.8	63.4	13.379	11.3	0.0	0.0	0.0	4.3
11	10.8	25.0	18.4	71.0	15.207	13.1	0.1	0.0	0.1	9.4
12	13.0	25.0	17.7	75.2	15.676	13.6	0.1	0.0	0.1	3.7
13	12.5	24.1	17.8	83.7	17.030	14.9	0.0	0.0	0.0	2.8
14	14.5	23.0	17.5	83.8	16.551	14.5	3.3	0.1	3.4	2.7
15	13.1	24.4	17.5	80.8	16.324	14.3	0.0	0.0	0.0	4.7
16	14.0	24.5	17.5	80.6	16.467	14.4	0.3	0.0	0.3	3.9
17	12.5	26.3	18.4	61.6	12.871	10.7	0.0	0.0	0.0	7.4
18	11.8	24.1	17.7	68.0	13.722	11.6	0.0	0.0	0.0	4.4
19	13.3	25.0	18.2	78.9	16.659	14.6	0.4	0.0	0.4	3.7
20	13.6	22.5	16.5	85.9	16.584	14.5	6.8	0.0	6.8	1.9
21	13.5	24.0	16.8	82.6	16.265	14.2	9.3	0.0	9.3	4.9
22	12.6	23.5	16.0	71.1	15.002	12.8	0.0	0.0	0.0	6.2
23	11.5	27.0	20.4	48.1	11.208	8.7	0.0	0.0	0.0	11.1
24	13.4	27.1	21.0	48.6	12.276	10.0	0.0	0.0	0.0	8.4
25	16.0	27.0	19.7	60.4	14.007	11.9	0.0	0.0	0.0	5.6
26	13.8	26.8	17.7	71.7	14.481	12.4	0.4	0.0	0.4	2.3
27	13.5	26.1	19.5	66.7	14.603	12.5	0.0	0.1	0.1	6.5
28	12.5	27.0	19.9	61.8	13.618	11.5	0.0	0.0	0.0	7.0
29	13.8	27.0	19.7	62.6	14.099	12.1	0.0	0.0	0.0	4.0
30	11.8	28.0	21.4	64.4	16.047	14.0	0.0	0.0	0.0	9.4
31	13.8	26.0	18.3	65.2	13.435	11.3	0.0	0.0	0.0	4.3
PROM.	13.1	25.1	18.3	71.7	15.057	13.0	28.3	1.4	29.7	150.8

ESTACION: LA FLORIDA MUNICIPIO: POPAYAN AÑO: 1.977

ALTITUD: 1.850 LATITUD: 2-27 N. LONGITUD: 76-35 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	26.4	19.3	59.0	13.305	11.2	0.0	0.0	0.0	8.9
2	13.8	27.1	20.9	55.8	13.571	11.5	0.0	0.0	0.0	7.2
3	15.0	26.0	19.1	74.7	16.573	14.5	0.2	0.0	0.2	6.3
4	12.7	28.8	20.8	56.2	13.546	11.5	0.0	0.0	0.0	8.3
5	12.9	27.1	19.8	65.9	15.106	13.1	0.0	0.0	0.0	5.8
6	12.8	28.0	21.9	50.8	13.381	11.3	0.0	0.0	0.0	8.2
7	13.6	28.0	20.2	56.1	13.003	10.9	0.0	0.0	0.0	11.2
8	15.8	25.0	18.7	80.2	17.699	15.5	0.9	0.0	0.9	1.8
9	15.4	27.0	19.7	65.2	15.024	13.1	1.2	0.0	1.2	4.5
10	15.8	26.4	20.3	62.6	14.817	12.8	0.0	0.0	0.0	5.6
11	15.0	27.0	20.9	68.5	16.861	14.8	0.0	0.0	0.0	4.3
12	13.1	26.1	19.7	66.5	15.600	13.6	0.0	0.0	0.0	3.2
13	13.5	25.1	19.3	83.5	18.608	16.4	0.0	1.3	1.3	4.3
14	14.4	22.0	17.2	91.1	17.816	15.7	1.8	1.3	3.1	1.6
15	12.8	24.4	18.0	81.4	16.972	14.8	0.0	0.0	0.0	4.7
16	13.9	26.0	19.1	62.3	13.499	11.3	0.0	0.0	0.0	4.4
17	14.5	25.0	19.3	70.0	15.788	13.8	0.0	0.0	0.0	4.6
18	13.6	26.0	19.3	78.4	17.787	15.6	0.0	0.0	0.0	6.2
19	9.5	27.1	17.6	79.6	16.208	14.2	1.9	0.0	1.9	6.6
20	13.0	26.0	19.2	83.7	18.533	16.3	3.9	4.3	8.2	3.4
21	13.8	23.8	17.6	87.3	17.608	15.5	4.4	3.4	7.8	1.7
22	14.5	25.0	18.9	82.5	17.784	15.6	0.0	0.0	0.0	0.7
23	12.5	26.0	18.4	77.3	16.363	14.3	2.8	0.0	2.8	4.3
24	15.0	23.3	18.3	88.9	18.882	16.6	1.0	19.3	20.3	4.0
25	13.5	22.0	17.0	87.1	17.148	15.1	5.8	3.8	9.6	0.7
26	13.8	20.0	16.4	87.8	16.517	14.5	0.0	6.4	6.4	0.3
27	13.5	20.0	16.1	90.0	16.653	14.6	10.1	9.5	19.6	0.0
28	13.5	24.1	17.8	83.9	17.171	15.1	26.1	2.3	28.4	3.6
29	14.0	20.4	15.4	92.3	16.390	14.4	0.4	0.0	0.4	2.5
30	12.5	24.0	17.0	82.5	16.298	14.3	5.0	7.0	12.0	5.5
PROM.	13.8	25.1	18.8	75.0	16.150	14.1	65.5	58.6	124.1	134.4

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.4	23.0	17.6	84.3	16.999	14.9	1.2	2.5	3.7	1.7
2	14.8	24.0	17.0	87.8	17.401	15.3	0.3	0.0	0.3	3.4
3	13.0	25.0	18.5	78.4	16.989	14.9	0.2	0.0	0.2	5.7
4	14.5	25.0	18.3	85.2	17.952	15.8	0.0	3.0	3.0	4.4
5	14.6	25.0	17.6	85.2	17.539	15.4	7.7	0.5	8.2	3.9
6	13.5	23.3	17.9	80.8	17.015	14.9	0.6	7.8	8.4	4.4
7	14.6	23.0	17.1	86.0	16.966	14.9	0.7	3.6	4.3	1.5
8	12.5	25.6	18.2	77.5	16.529	14.5	10.7	12.2	22.9	8.3
9	13.5	20.6	16.7	85.5	16.187	14.2	0.5	0.0	0.5	0.0
10	14.0	24.3	17.9	74.4	15.629	13.6	1.2	2.8	4.0	3.3
11	14.0	23.3	17.6	81.6	16.511	14.5	4.6	1.4	6.0	1.7
12	14.5	23.4	18.1	86.6	18.308	16.1	0.9	0.3	1.2	2.3
13	14.8	24.0	18.2	86.8	18.205	16.0	4.1	0.0	4.1	1.7
14	13.1	24.4	18.2	79.8	17.049	15.0	5.9	0.0	5.9	7.2
15	14.0	25.0	17.9	83.3	17.239	15.2	31.3	0.0	31.3	4.5
16	14.1	25.0	18.9	81.6	17.864	15.7	5.8	0.0	5.8	3.0
17	13.0	25.6	18.5	78.0	16.889	14.8	0.8	2.2	3.0	6.3
18	13.6	27.3	19.3	82.0	18.070	15.9	4.9	0.0	4.9	5.2
19	13.8	27.0	19.6	76.3	17.651	15.5	0.1	0.0	0.1	6.3
20	15.8	26.0	19.0	76.3	17.199	15.0	0.0	0.0	0.0	3.9
21	13.8	26.0	18.9	72.0	15.939	13.9	0.0	0.0	0.0	7.4
22	13.8	25.0	18.4	80.8	17.314	15.3	0.0	0.0	0.0	3.3
23	11.8	26.0	18.9	79.0	17.497	15.4	21.0	2.5	23.5	5.6
24	14.5	23.1	17.8	87.5	17.883	15.7	2.5	0.5	3.0	1.9
25	15.4	23.3	17.7	90.9	18.861	16.6	0.6	0.0	0.6	1.2
26	14.8	23.4	18.4	85.6	18.528	16.3	5.2	1.9	7.1	0.6
27	15.1	21.8	17.5	96.0	19.103	16.8	3.6	0.0	3.6	1.8
28	14.0	24.0	17.4	86.6	17.534	15.4	2.1	0.0	2.1	4.5
29	12.6	25.0	18.7	75.3	16.197	14.1	0.0	19.6	19.6	5.3
30	14.0	21.0	15.8	96.8	17.899	15.7	15.9	0.0	15.9	0.7
31	11.4	25.4	18.7	79.9	17.444	15.3	0.0	31.6	31.6	6.9
PROM.	13.8	24.3	18.1	82.8	17.368	15.2	132.4	92.4	224.8	117.9

ESTACION: LA FLORIDA MUNICIPIO: POPAYAN AÑO: 1.977

ALTITUD: 1.850 LATITUD: 2-27 N. LONGITUD: 76-35 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	22.5	17.4	90.9	18.483	16.2	0.7	0.0	0.7	2.6
2	13.5	25.0	19.4	76.2	17.398	15.2	0.0	23.0	23.0	7.7
3	14.8	24.0	17.7	85.2	17.453	15.4	9.9	16.7	26.6	4.2
4	14.8	20.0	17.0	92.1	18.029	15.9	1.1	0.0	1.1	0.1
5	14.0	21.2	17.3	88.7	17.559	15.5	3.9	1.0	4.9	0.2
6	13.8	25.0	17.5	83.2	16.560	14.5	2.3	11.0	13.3	3.6
7	14.6	24.1	18.0	86.4	17.973	15.8	8.6	0.0	8.6	3.1
8	12.5	26.0	19.0	70.2	15.196	13.1	0.3	0.0	0.3	9.3
9	14.5	26.0	19.3	80.9	18.275	16.1	0.0	8.7	8.7	5.4
10	15.3	23.0	17.9	84.6	17.564	15.5	0.4	0.0	0.4	5.1
11	12.8	24.0	18.0	81.9	16.940	14.9	5.4	13.1	18.5	4.8
12	14.8	22.1	17.4	94.1	18.873	16.6	8.7	24.3	33.0	2.7
13	14.3	23.0	17.5	89.2	18.018	15.9	0.6	4.9	5.5	3.8
14	14.3	25.1	18.0	73.7	15.179	13.1	0.0	0.0	0.0	10.5
15	10.8	25.0	18.2	76.1	16.443	14.2	0.0	0.0	0.0	8.6
16	14.8	25.0	18.8	84.8	18.869	16.5	3.2	0.0	3.2	4.8
17	15.3	23.0	18.0	89.7	18.727	16.5	12.6	38.4	51.0	1.8
18	14.0	23.0	16.8	86.7	16.606	14.6	3.7	0.1	3.8	2.5
19	13.8	23.0	17.5	84.4	16.889	14.8	1.2	1.8	3.0	4.2
20	14.3	24.0	18.1	83.4	17.492	15.4	0.0	0.0	0.0	4.1
21	12.5	25.0	18.1	84.2	17.537	15.4	5.6	0.0	5.6	8.3
22	12.5	24.4	18.2	79.1	16.787	14.7	0.0	0.0	0.0	7.0
23	14.8	23.0	17.4	88.9	17.949	15.7	0.6	0.1	0.7	3.3
24	15.3	22.5	18.3	85.0	18.025	15.9	0.0	0.0	0.0	2.7
25	14.1	22.0	17.5	89.2	18.070	15.9	0.0	0.0	0.0	1.9
26	15.1	22.5	17.9	87.8	18.296	16.0	0.0	0.0	0.0	3.6
27	16.5	24.8	18.9	88.3	19.560	17.1	0.9	0.0	0.9	7.2
28	15.1	26.1	20.0	83.9	19.314	16.9	0.0	0.0	0.0	6.6
29	12.5	26.0	19.1	77.3	17.257	15.1	0.0	0.0	0.0	9.4
30	11.0	25.1	18.9	71.4	15.935	13.6	0.0	5.5	5.5	9.9
PROM.	14.0	23.8	18.1	83.9	17.575	15.4	69.7	148.6	218.3	149.0

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.6	24.1	18.9	77.1	17.037	14.8	1.5	0.0	1.5	6.0
2	15.6	22.0	17.6	94.0	19.110	16.8	23.1	0.4	23.5	3.0
3	14.5	24.0	18.9	85.2	18.693	16.4	2.2	0.0	2.2	4.3
4	13.5	23.8	18.7	81.9	18.057	15.9	0.0	1.1	1.1	2.2
5	12.6	26.0	19.4	79.0	18.407	16.1	0.1	0.0	0.1	9.7
6	13.5	25.0	18.8	81.7	18.056	15.8	0.0	0.0	0.0	6.1
7	14.6	26.0	20.1	76.4	18.102	15.8	0.0	0.0	0.0	6.5
8	13.5	25.0	18.4	80.4	17.157	15.0	0.0	0.0	0.0	6.5
9	13.5	26.2	19.6	83.5	19.207	16.8	3.6	0.0	3.6	6.1
10	13.1	26.3	19.4	73.7	16.758	14.7	0.0	6.2	6.2	9.0
11	13.5	25.0	18.6	79.4	17.203	15.1	14.9	0.0	14.9	6.9
12	14.5	24.0	17.8	85.2	17.533	15.4	0.0	0.0	0.0	3.2
13	13.8	21.3	16.7	87.2	16.859	14.8	0.0	0.0	0.0	1.6
14	11.8	25.0	17.5	79.7	16.193	14.1	21.1	0.0	21.1	6.9
15	12.8	25.0	19.2	75.8	17.161	15.0	0.0	0.0	0.0	6.7
16	14.5	24.3	18.9	80.9	17.997	15.8	0.3	0.0	0.3	4.5
17	12.8	25.0	18.5	74.1	15.961	13.9	2.5	0.0	2.5	8.3
18	13.5	25.0	18.9	77.4	16.931	14.8	2.2	3.4	5.6	6.8
19	14.8	22.3	17.5	85.6	17.032	15.0	0.0	0.0	0.0	3.7
20	13.0	26.3	17.8	79.2	16.457	14.5	5.0	0.0	5.0	7.4
21	12.4	26.4	18.4	76.8	16.315	14.3	0.0	0.0	0.0	9.4
22	12.5	26.0	19.4	84.7	18.996	16.7	0.0	0.0	0.0	9.3
23	15.5	26.0	20.0	69.1	15.591	13.6	0.0	0.0	0.0	8.8
24	13.8	26.2	19.4	77.1	17.523	15.4	7.2	0.0	7.2	7.7
25	12.5	25.1	19.5	80.4	18.546	16.1	4.6	0.0	4.6	8.3
26	12.5	26.4	19.4	76.3	17.200	15.0	5.0	0.0	5.0	7.0
27	14.5	24.1	17.9	86.1	17.778	15.6	19.8	5.1	24.9	0.9
28	15.0	23.0	17.3	86.6	17.384	15.3	31.4	3.5	34.9	2.5
29	14.3	20.0	16.7	93.2	17.789	15.7	35.8	0.1	35.9	0.3
30	14.8	23.5	18.4	85.5	17.828	15.7	4.8	3.7	8.5	5.1
31	15.4	23.0	18.0	87.7	18.310	16.1	7.2	31.1	38.3	1.3
PROM.	13.7	24.6	18.6	81.3	17.522	15.4	192.3	54.6	246.9	176.0

ESTACION: LA FLORIDA MUNICIPIO PUPAYAN AÑO: 1.977

ALTITUD: 1.850 LATITUD: 2-27 N. LONGITUD: 76-35 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	13.3	25.1	18.7	11.8	27.0	75.5	16.338	14.2	96.9	11	225.1
FEBRERO	13.4	24.6	18.4	11.3	27.8	79.8	16.836	14.7	15.6	9	157.6
MARZO	14.8	25.9	19.8	13.0	28.4	74.3	16.954	14.8	78.1	12	161.7
ABRIL	14.2	24.3	18.5	12.3	28.0	80.2	17.078	15.0	138.8	16	124.7
MAYO	14.1	23.8	18.1	12.3	26.4	82.6	17.211	15.1	240.2	18	117.8
JUNIO	13.7	23.9	18.1	12.6	26.3	77.3	16.031	13.9	132.0	16	148.1
JULIO	13.8	24.9	18.6	11.8	28.0	70.6	15.024	12.9	21.0	8	160.5
AGOSTO	13.1	25.1	18.3	10.8	28.0	71.7	15.057	13.0	29.7	14	150.8
SEPTIEMBRE	13.8	25.1	18.8	9.5	28.8	75.0	16.150	14.1	124.1	16	134.4
OCTUBRE	13.8	24.3	18.1	11.4	27.3	82.8	17.366	15.2	224.8	28	117.9
NOVIEMBRE	14.0	23.8	18.1	10.8	26.1	83.9	17.575	15.4	218.3	21	149.0
DICIEMBRE	13.7	24.6	18.6	11.8	26.4	81.3	17.522	15.4	246.9	21	176.0
PROMEDIO	13.8	24.8	18.5	11.6	27.4	77.9	16.595	14.5			
TOTAL									1566.4	190	1823.6

ESTACION: MANUEL MEJIA MUNICIPIO: TAMBO AÑO: 1.977

ALTITUD: 1.700 LATITUD: 2-24 No LONGITUD: 76-48 Wo

M E S - ENERO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.1	21.8	18.6	86.5	18.231	16.0	0.0	0.0	0.0	6.0
2	15.6	23.1	19.2	86.4	19.121	16.8	0.0	0.0	0.0	6.2
3	16.1	24.0	19.2	86.4	19.235	16.9	9.0	2.6	11.6	6.2
4	14.6	24.0	18.9	83.6	18.337	16.1	0.0	0.0	0.0	7.1
5	13.8	23.6	19.0	77.5	16.961	14.9	0.0	0.0	0.0	8.5
6	9.8	24.0	18.2	71.7	14.339	12.3	0.0	0.0	0.0	10.3
7	9.4	22.0	17.3	83.2	15.964	13.9	0.0	0.0	0.0	0.8
8	14.3	22.0	18.4	86.9	18.090	15.9	0.0	0.0	0.0	3.0
9	15.6	24.1	19.7	79.8	18.208	16.0	0.0	0.2	0.2	8.4
10	15.3	24.0	18.2	83.5	17.935	15.8	2.2	0.0	2.2	7.5
11	15.1	23.0	18.0	86.4	17.910	15.8	0.0	0.0	0.0	5.3
12	14.5	23.4	18.2	82.7	17.132	15.1	0.0	0.0	0.0	8.0
13	13.6	25.1	19.6	74.1	16.047	14.0	0.0	0.0	0.0	7.7
14	13.8	25.0	20.1	76.1	17.352	15.3	0.0	0.0	0.0	6.0
15	16.0	24.7	20.2	76.1	17.707	15.6	0.0	0.0	0.0	8.6
16	12.2	24.2	19.5	85.8	19.088	16.7	0.0	0.0	0.0	7.2
17	16.5	23.8	19.1	80.4	18.062	15.9	0.0	0.0	0.0	8.5
18	14.5	25.0	18.4	84.5	18.025	15.9	16.1	2.0	18.1	5.7
19	15.0	21.0	18.1	90.6	18.999	16.7	0.5	0.0	0.5	3.1
20	15.4	24.1	19.8	85.0	19.716	17.2	0.0	0.0	0.0	7.9
21	15.5	24.3	20.6	76.0	18.014	15.8	0.0	0.0	0.0	7.7
22	14.8	24.3	19.3	80.7	17.795	15.7	0.0	0.0	0.0	8.1
23	16.3	23.0	18.1	87.3	18.437	16.2	16.4	6.1	22.5	3.3
24	15.5	24.0	19.1	81.5	18.060	15.9	1.4	0.0	1.4	9.2
25	14.8	24.2	19.3	79.8	17.421	15.3	0.0	0.0	0.0	8.3
26	16.0	23.3	18.8	84.0	18.275	16.1	0.0	0.0	0.0	8.4
27	15.6	24.0	19.5	80.5	18.111	16.0	0.0	0.0	0.0	7.7
28	13.3	25.0	19.0	81.1	17.593	15.5	7.8	3.8	11.6	7.4
29	16.5	24.0	18.8	82.9	18.238	16.1	0.0	0.2	0.2	5.6
30	15.6	23.6	18.5	80.4	17.047	15.0	0.5	6.4	6.9	6.3
31	15.4	21.1	17.0	88.1	17.249	15.2	2.5	0.2	2.7	4.5
PROM.	14.7	23.6	18.9	82.2	17.829	15.7	56.4	21.5	77.9	208.5

M E S - FEBRERC

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	21.3	18.4	87.8	18.576	16.3	0.0	0.0	0.0	2.4
2	15.0	23.1	18.5	82.7	17.361	15.3	0.0	0.0	0.0	7.3
3	15.1	24.3	18.8	79.1	17.003	15.0	0.0	0.0	0.0	8.1
4	13.0	24.3	18.2	76.7	15.508	13.5	0.0	0.0	0.0	9.3
5	12.0	23.0	17.7	78.9	15.801	13.8	0.0	0.0	0.0	7.9
6	12.0	20.0	17.6	90.2	18.054	15.8	0.0	0.0	0.0	3.1
7	15.5	21.3	18.3	92.9	19.436	17.0	0.0	0.0	0.0	3.1
8	13.8	25.7	19.9	68.5	15.437	13.4	5.0	0.2	5.2	10.1
9	11.0	24.4	18.6	78.9	16.317	14.3	0.0	0.0	0.0	7.6
10	13.6	24.0	18.4	83.0	17.431	15.4	0.0	0.0	0.0	6.5
11	13.6	23.0	18.1	86.2	18.031	15.9	0.0	0.0	0.0	4.0
12	15.2	21.3	18.3	84.8	17.799	15.7	0.2	0.0	0.2	1.1
13	15.3	22.3	19.0	86.4	19.028	16.7	1.5	0.2	1.7	5.2
14	15.5	24.0	19.0	81.5	17.955	15.8	0.3	0.0	0.3	6.8
15	14.0	22.3	18.1	88.9	18.571	16.3	0.0	0.0	0.0	4.9
16	15.0	23.1	18.6	85.2	18.452	16.2	15.1	0.0	15.1	4.0
17	16.0	23.0	18.2	85.0	17.966	15.8	12.2	0.0	12.2	4.2
18	13.5	22.0	17.7	83.7	16.965	14.9	0.5	0.0	0.5	3.0
19	15.6	21.6	17.9	85.9	17.642	15.5	1.3	0.3	1.6	2.3
20	15.5	22.0	17.2	87.8	17.580	15.5	0.4	0.2	0.6	3.3
21	15.5	23.0	18.5	78.9	17.114	15.1	5.2	0.0	5.2	3.4
22	13.8	24.0	18.7	82.3	17.441	15.3	0.0	0.1	0.1	7.6
23	15.0	25.0	19.9	76.9	17.505	15.4	0.0	0.0	0.0	7.5
24	13.8	25.0	18.5	82.4	17.069	15.5	0.7	0.0	0.7	6.5
25	16.0	22.3	17.7	88.1	18.142	16.0	3.8	2.5	6.3	0.6
26	15.5	24.3	18.9	79.6	17.424	15.4	0.0	0.0	0.0	8.2
27	14.3	22.0	18.0	86.3	17.864	15.7	0.0	0.0	0.0	4.9
28	13.0	25.3	19.3	75.9	16.536	14.5	0.0	0.0	0.0	8.4
PROM.	14.3	23.1	18.4	83.0	17.522	15.4	46.2	3.5	49.7	151.3

ESTACION: MANUEL MEJIA MUNICIPIO: TAMBO AÑO: 1.977

ALTITUD: 1.700 LATITUD: 2-24 N. LONGITUD: 76-48 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	23.6	19.2	78.5	17.107	15.1	0.0	0.0	0.0	6.6
2	13.8	24.1	19.4	77.2	16.933	14.9	0.8	0.0	0.8	6.2
3	16.0	25.0	20.1	59.8	13.909	11.8	0.0	0.0	0.0	7.2
4	13.0	27.0	21.2	58.5	13.958	11.9	0.0	0.0	0.0	7.9
5	13.9	26.0	21.6	54.3	13.901	11.9	0.0	0.0	0.0	7.4
6	14.1	25.4	20.0	72.9	16.595	14.6	0.0	0.0	0.0	7.7
7	14.0	26.3	21.5	52.0	12.614	10.3	0.0	0.0	0.0	9.0
8	12.0	27.1	21.8	54.3	14.079	11.9	0.0	0.0	0.0	9.5
9	16.5	25.6	21.3	61.0	15.405	13.4	0.0	0.0	0.0	4.5
10	17.5	26.4	22.0	60.4	15.889	13.9	0.0	0.0	0.0	5.7
11	13.5	27.0	19.4	65.3	14.671	12.6	0.0	0.0	0.0	9.4
12	11.0	26.3	19.3	76.7	16.802	14.7	0.0	0.0	0.0	7.1
13	13.3	26.0	19.0	73.4	15.804	13.7	0.0	0.0	0.0	6.4
14	15.5	25.0	19.5	79.6	18.024	15.8	0.0	0.0	0.0	4.0
15	13.9	27.0	19.0	79.7	17.554	15.4	5.4	0.0	5.4	6.4
16	13.9	23.6	19.0	74.1	16.220	14.1	0.0	0.0	0.0	2.7
17	14.3	25.1	19.5	80.2	17.955	15.8	0.7	0.0	0.7	4.8
18	16.1	25.6	20.0	79.3	18.527	16.3	0.0	2.3	2.3	6.7
19	16.0	24.3	19.9	80.3	18.626	16.4	1.9	0.0	1.9	4.9
20	14.1	24.3	19.5	78.7	17.305	15.2	0.0	0.0	0.0	5.5
21	14.8	26.1	19.2	81.4	18.084	15.9	20.2	0.0	20.2	5.4
22	15.4	25.0	18.6	82.9	18.133	16.0	18.6	32.4	51.0	3.5
23	15.6	21.3	17.8	92.0	18.973	16.6	0.7	5.3	6.0	2.1
24	16.0	24.1	19.0	83.4	18.254	16.1	0.0	0.2	0.2	5.4
25	16.5	25.0	20.6	81.1	19.732	17.3	0.0	0.0	0.0	6.2
26	16.1	27.0	20.3	71.8	17.372	15.2	0.0	0.0	0.0	9.3
27	14.1	24.3	20.1	76.8	17.769	15.6	0.0	0.0	0.0	7.4
28	16.6	22.0	17.5	93.5	19.085	16.7	22.0	0.3	22.3	0.0
29	14.0	23.3	18.7	83.5	17.784	15.6	0.0	9.6	9.6	4.1
30	15.1	23.0	18.6	85.5	18.221	16.0	0.0	27.9	27.9	2.3
31	14.6	24.1	17.5	85.9	17.416	15.3	0.4	0.0	0.4	7.7
PROM.	14.7	25.0	19.7	74.6	16.861	14.7	70.7	78.0	148.7	183.0

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	21.6	17.6	87.8	17.856	15.7	0.2	0.0	0.2	3.6
2	12.8	25.1	17.2	79.8	15.581	13.6	0.0	1.5	1.5	8.9
3	13.6	23.1	17.2	87.3	17.442	15.4	13.9	22.5	36.4	6.3
4	15.0	21.0	17.7	81.7	16.590	14.6	1.1	0.0	1.1	2.7
5	14.3	24.2	16.3	88.4	16.409	14.4	8.3	0.0	8.3	4.3
6	15.0	24.0	18.8	82.3	17.864	15.7	7.5	18.4	25.9	4.2
7	15.5	24.1	19.3	82.1	18.549	16.3	0.4	0.0	0.4	3.8
8	15.0	22.2	18.4	83.1	17.810	15.7	0.0	0.0	0.0	4.5
9	13.0	25.0	19.2	83.7	18.304	16.1	1.2	0.0	1.2	8.0
10	16.3	24.0	19.0	87.4	19.040	16.7	0.0	0.0	0.0	4.9
11	17.3	25.1	20.3	79.4	18.857	16.6	0.0	0.0	0.0	4.7
12	17.1	25.0	20.0	81.6	19.213	16.9	0.0	0.0	0.0	6.6
13	15.0	23.0	18.3	88.2	18.720	16.5	2.7	0.0	2.7	4.4
14	15.1	23.6	18.2	89.8	18.701	16.4	0.5	0.1	0.6	4.2
15	15.3	24.8	20.1	81.6	18.743	16.5	0.0	0.0	0.0	5.0
16	16.0	24.0	20.1	88.7	18.290	14.3	0.0	0.0	0.0	4.4
17	15.1	23.6	18.9	85.7	18.786	16.5	0.2	0.0	0.2	4.0
18	16.4	23.6	19.4	83.2	18.687	16.4	0.0	0.0	0.0	0.1
19	15.6	25.4	20.4	78.5	18.593	16.3	0.0	0.0	0.0	7.2
20	13.0	26.0	20.3	80.9	19.250	16.9	0.0	0.0	0.0	8.2
21	15.1	20.0	18.1	94.4	19.651	17.2	1.5	0.0	1.5	0.2
22	14.1	24.0	19.1	83.3	18.695	16.4	0.0	8.1	8.1	2.8
23	16.0	19.6	17.3	91.6	18.121	15.9	3.6	11.4	15.0	1.3
24	15.3	22.0	18.5	86.0	18.158	16.0	0.4	0.0	0.4	2.0
25	15.0	24.3	19.6	79.3	17.753	15.6	0.0	24.1	24.1	7.3
26	14.4	22.0	17.9	88.0	18.122	15.9	0.0	9.2	9.2	5.8
27	15.0	23.0	18.2	83.2	17.499	15.4	0.4	0.7	1.1	2.3
28	15.6	23.8	18.0	83.2	17.377	15.3	18.6	3.2	21.8	3.4
29	13.6	23.0	18.3	84.6	17.712	15.6	0.0	0.4	0.4	7.7
30	15.1	23.0	18.3	84.7	17.808	15.7	0.0	0.0	0.0	5.0
PROM.	15.0	23.4	18.7	84.0	18.073	15.9	60.5	99.6	160.1	137.8

ESTACION: MANUEL MEJIA MUNICIPIO: TAMBO AÑO: 1.977

ALTITUD: 1.700 LATITUD: 2-24 N. LONGITUD: 76-48 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	23.3	19.5	83.1	18.721	16.5	0.0	0.0	0.0	8.7
2	16.0	24.4	20.1	78.7	18.553	16.3	0.0	0.0	0.0	10.1
3	14.8	25.0	20.5	78.7	18.980	16.7	0.0	0.0	0.0	8.2
4	15.1	24.0	18.3	82.5	17.765	15.6	4.0	8.1	12.1	4.7
5	15.0	19.3	16.2	95.0	17.575	15.5	13.5	0.0	13.5	1.7
6	15.0	24.0	18.7	81.9	17.795	15.6	0.0	0.0	0.0	5.9
7	15.6	23.3	18.6	87.5	18.994	16.7	0.0	0.0	0.0	7.9
8	16.1	24.0	19.9	80.6	18.316	16.1	0.0	0.0	0.0	6.5
9	16.1	23.3	19.2	88.4	19.939	17.5	0.4	0.0	0.4	3.8
10	17.0	23.8	19.7	84.7	19.434	17.0	0.0	0.3	0.3	5.8
11	16.8	21.6	19.1	87.3	19.179	16.8	0.3	0.0	0.3	4.1
12	16.3	26.0	20.5	75.8	18.529	16.3	0.0	0.0	0.0	6.6
13	16.0	24.1	18.9	83.1	18.330	16.1	0.0	0.0	0.0	7.5
14	14.5	23.0	18.9	86.8	18.980	16.7	1.9	9.9	11.8	3.5
15	16.0	19.0	16.4	95.4	17.937	15.8	6.5	9.4	15.9	0.8
16	16.0	23.6	18.4	84.6	18.309	16.1	0.1	31.5	31.6	2.1
17	16.0	24.0	19.2	84.4	18.879	16.6	0.0	0.3	0.3	8.3
18	16.0	25.4	20.3	79.9	18.667	16.4	0.0	0.0	0.0	4.9
19	15.5	24.7	20.1	81.2	19.006	16.7	0.0	0.0	0.0	7.7
20	16.8	24.7	19.4	80.5	18.039	15.8	0.0	0.0	0.0	6.0
21	12.8	23.9	18.7	79.5	16.635	14.6	0.0	0.0	0.0	2.6
22	16.0	23.0	18.8	81.6	17.663	15.5	0.5	0.0	0.5	1.0
23	15.6	22.0	17.8	93.1	19.040	16.7	3.8	0.0	3.8	1.8
24	15.0	21.0	17.6	90.1	17.981	15.8	0.0	0.2	0.2	4.1
25	14.5	22.0	17.6	89.8	18.565	16.3	2.4	0.0	2.4	1.5
26	15.5	23.0	18.5	81.8	17.397	15.3	0.0	0.0	0.0	4.6
27	14.8	23.0	18.3	85.6	17.847	15.7	0.5	0.1	0.6	2.7
28	16.0	21.0	17.8	89.5	18.425	16.2	0.0	0.3	0.3	4.5
29	15.0	24.2	20.3	77.0	17.816	15.7	0.0	0.0	0.0	3.1
30	14.3	22.9	18.9	87.9	19.392	17.0	0.0	0.0	0.0	4.3
31	14.5	24.0	18.3	77.4	16.197	14.2	0.0	0.0	0.0	5.4
PROM.	15.5	23.2	18.9	84.3	18.351	16.1	33.9	60.1	94.0	150.4

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.8	23.3	18.3	81.7	17.049	15.0	0.0	4.0	4.0	5.0
2	15.5	22.1	17.6	87.2	17.795	15.7	7.6	0.2	7.8	1.9
3	15.0	23.3	17.9	87.8	18.520	16.3	0.0	0.0	0.0	5.1
4	13.0	23.6	17.5	87.0	17.713	15.6	13.0	0.0	13.0	4.0
5	14.1	25.0	18.1	81.8	16.672	14.6	0.1	0.0	0.1	7.6
6	14.5	23.3	19.0	86.1	18.797	16.5	0.0	0.0	0.0	3.9
7	15.0	20.8	17.0	88.8	17.596	15.5	3.0	0.8	3.8	0.5
8	14.5	23.4	17.8	85.4	17.304	15.2	0.5	0.0	0.5	6.0
9	13.5	22.3	17.4	84.9	17.114	15.1	0.1	0.0	0.1	5.5
10	12.5	20.9	17.2	85.6	16.639	14.6	0.6	0.0	0.6	3.8
11	15.5	22.4	18.3	86.1	18.249	16.1	0.0	14.2	14.2	5.1
12	14.1	21.3	17.9	85.3	17.573	15.5	0.1	0.5	0.6	1.6
13	14.8	23.9	17.7	81.9	16.662	14.6	0.0	0.0	0.0	3.3
14	12.7	21.0	17.9	89.4	18.209	16.0	0.3	0.0	0.3	2.2
15	11.8	24.3	18.6	67.8	13.872	11.7	0.0	0.0	0.0	6.3
16	14.1	24.0	20.3	57.4	13.867	11.8	0.0	0.0	0.0	6.8
17	16.0	25.6	21.0	51.7	12.954	10.8	0.0	0.0	0.0	6.9
18	14.0	25.8	20.8	64.1	15.685	13.7	0.0	0.1	0.1	9.9
19	13.8	24.1	19.3	67.3	15.039	13.0	0.3	0.0	0.3	6.7
20	12.0	22.1	16.5	92.1	17.331	15.2	6.5	12.6	19.1	2.3
21	14.6	22.1	18.5	82.4	17.213	15.1	3.5	0.4	3.9	2.8
22	15.0	25.1	18.6	80.0	17.177	15.1	0.0	0.0	0.0	6.5
23	11.6	24.0	18.9	81.0	17.331	15.3	0.0	0.0	0.0	5.4
24	15.0	23.3	18.3	87.0	18.006	15.8	0.0	0.0	0.0	3.3
25	14.5	25.6	19.5	68.0	14.843	12.7	0.0	0.0	0.0	6.9
26	13.0	24.8	19.4	68.3	15.572	13.6	4.1	0.0	4.1	7.0
27	12.8	25.6	19.8	59.0	13.332	11.0	0.0	0.0	0.0	8.8
28	13.8	22.4	18.1	67.0	14.127	12.1	0.0	0.0	0.0	3.7
29	12.4	23.3	17.1	85.7	16.633	14.5	3.4	3.6	7.0	2.7
30	14.6	21.4	17.7	86.9	17.618	15.5	3.3	0.3	3.6	3.0
PROM.	13.9	23.3	18.4	78.8	16.550	14.4	46.4	36.7	83.1	144.9

ESTACION: MANUEL MEJIA MUNICIPIO: TAMBO AÑO: 1.977

ALTITUD: 1.700 LATITUD: 2-24 No LONGITUD: 76-48 Mo

M E S - JULIO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	24.2	18.4	80.3	16.737	14.7	0.0	0.0	0.0	4.7
2	14.7	25.6	18.0	83.5	17.169	15.1	0.0	0.0	0.0	4.3
3	13.1	24.1	18.6	81.9	17.751	15.6	0.2	0.0	0.2	5.0
4	13.5	24.4	18.8	74.3	15.916	13.9	0.0	0.0	0.0	5.2
5	12.8	22.2	17.1	85.3	16.561	14.5	1.7	0.2	1.9	3.2
6	15.6	20.3	17.3	90.9	18.057	15.9	0.0	1.0	1.0	1.8
7	14.0	22.0	17.5	87.0	17.378	15.3	1.5	0.0	1.5	2.4
8	14.5	24.1	18.8	79.3	16.944	14.9	0.0	0.0	0.0	7.3
9	12.5	23.3	18.6	76.3	16.268	14.2	0.3	0.0	0.3	5.1
10	13.0	24.6	18.6	62.0	12.779	10.5	0.0	0.0	0.0	4.5
11	12.0	25.1	20.4	46.6	11.174	8.6	0.0	0.0	0.0	8.2
12	11.8	26.3	20.1	48.5	11.381	8.9	0.0	0.0	0.0	9.8
13	10.5	26.3	18.4	70.5	14.213	12.1	0.0	0.0	0.0	8.9
14	15.0	26.0	20.5	66.7	15.829	13.8	0.0	0.1	0.1	6.2
15	15.5	22.3	17.5	90.1	18.290	16.1	0.9	0.0	0.9	4.4
16	15.0	25.0	18.8	68.0	14.699	12.4	0.0	0.0	0.0	10.2
17	14.0	25.6	19.9	48.5	10.851	8.2	0.0	0.0	0.0	10.3
18	14.0	27.1	20.4	52.7	12.566	10.3	0.0	0.0	0.0	7.6
19	13.5	25.6	20.0	60.9	13.901	11.9	0.0	0.0	0.0	4.4
20	12.0	25.2	19.5	64.5	14.082	12.1	0.0	0.0	0.0	9.6
21	11.7	27.1	19.3	61.6	12.860	10.5	0.0	0.0	0.0	9.9
22	9.5	27.2	18.4	58.4	11.684	9.2	0.0	0.0	0.0	10.4
23	10.5	24.3	19.0	70.3	14.680	12.6	0.0	0.0	0.0	5.8
24	16.0	25.0	20.0	55.8	13.084	10.9	0.0	0.0	0.0	4.9
25	12.5	23.6	16.6	83.3	15.667	13.7	3.8	0.0	3.8	3.5
26	14.0	24.0	17.4	85.9	17.161	15.1	0.3	1.3	1.6	1.2
27	14.5	21.0	16.4	90.8	16.965	14.9	3.5	0.0	3.5	1.3
28	14.0	26.0	20.3	56.4	12.219	9.6	0.0	0.0	0.0	8.8
29	16.5	27.0	21.4	40.9	10.588	7.8	0.0	0.0	0.0	8.6
30	14.0	24.0	18.3	68.4	13.944	11.9	0.0	0.0	0.0	4.2
31	9.5	23.0	17.0	77.3	14.416	12.4	0.2	0.0	0.2	4.4
PROM.	13.4	24.6	18.8	69.9	14.704	12.5	12.4	2.6	15.0	186.1

M E S - AGOSTO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	22.8	17.5	84.2	16.753	14.7	0.9	0.0	0.9	3.5
2	13.0	26.4	19.8	58.5	12.387	9.8	0.0	0.0	0.0	7.1
3	12.5	23.6	19.1	66.8	14.584	12.3	0.3	0.0	0.3	6.2
4	11.0	23.3	18.5	73.0	14.640	12.6	0.6	0.0	0.6	5.0
5	14.5	24.3	19.0	77.8	16.627	14.6	0.0	0.0	0.0	6.2
6	11.8	23.0	17.4	82.6	16.028	14.0	5.1	0.0	5.1	4.8
7	13.3	23.7	18.0	80.7	16.310	14.2	0.4	0.0	0.4	3.8
8	12.5	24.0	17.3	81.5	16.196	14.2	7.0	0.0	7.0	4.4
9	14.6	23.0	17.1	86.8	17.218	15.1	1.2	0.0	1.2	3.2
10	12.8	26.0	19.6	67.9	14.481	12.5	0.0	0.0	0.0	6.3
11	10.0	26.3	18.6	71.0	14.136	12.1	0.0	0.0	0.0	8.6
12	12.1	26.4	18.6	75.0	16.029	13.9	1.7	0.0	1.7	6.6
13	14.8	24.4	19.1	79.5	17.286	15.2	0.1	1.0	1.1	6.2
14	15.0	22.4	18.0	86.2	17.645	15.5	1.1	0.0	1.1	5.6
15	15.0	24.0	18.5	80.8	17.228	15.2	0.2	0.1	0.3	2.1
16	15.5	23.2	17.9	82.4	16.828	14.8	0.0	0.0	0.0	3.0
17	12.1	26.0	19.4	62.1	13.087	10.7	0.0	0.0	0.0	10.3
18	8.5	24.1	17.2	64.7	12.095	9.8	0.0	0.0	0.0	5.8
19	11.5	25.4	18.8	74.9	15.980	14.0	0.0	0.0	0.0	6.7
20	12.8	23.3	17.1	82.5	15.963	13.9	23.7	0.0	23.7	5.8
21	14.5	23.0	17.6	86.4	17.671	15.5	21.4	0.3	21.7	6.9
22	12.9	23.3	19.0	67.9	14.465	12.2	0.8	0.0	0.8	6.6
[illegible]	9.0	27.0	19.0	62.8	12.789	10.6	0.0	0.0	0.0	10.6
[illegible]	9.0	26.0	19.4	61.6	12.704	10.5	0.0	0.0	0.0	7.5
[illegible]	14.3	26.0	19.7	55.2	12.821	10.6	0.0	0.0	0.0	4.2
[illegible]	12.5	25.4	19.2	64.7	13.681	11.5	0.4	0.0	0.4	4.8
27	12.0	25.7	18.8	62.6	12.665	10.4	0.0	0.0	0.0	10.6
28	13.0	26.5	20.7	59.1	13.210	11.0	0.0	0.0	0.0	4.3
29	10.5	27.0	20.6	55.1	12.481	10.2	0.0	0.0	0.0	5.7
30	10.5	27.0	20.3	64.9	14.425	12.4	0.0	0.0	0.0	7.7
31	14.6	26.1	20.4	51.5	12.199	9.7	0.0	0.0	0.0	7.9
PROM.	12.6	24.8	18.7	71.3	14.858	12.7	64.9	1.4	66.3	188.0

ESTACION: MANUEL MEJIA MUNICIPIO: TAMBO AÑO: 1.977

ALTITUD: 1.700 LATITUD: 2-24 N. LONGITUD: 76-48 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.3	26.8	20.4	55.9	12.688	10.5	0.0	0.0	0.0	7.7
2	12.0	27.1	20.9	50.4	12.476	10.2	0.0	0.0	0.0	8.5
3	14.0	26.0	19.7	73.9	16.717	14.7	0.0	0.0	0.0	7.2
4	11.5	27.0	20.2	60.9	13.359	11.2	0.0	0.0	0.0	8.9
5	13.9	26.3	20.8	48.9	12.003	9.6	0.0	0.0	0.0	7.7
6	15.5	26.4	21.3	54.1	13.159	10.9	0.0	0.0	0.0	9.4
7	18.0	26.6	22.2	41.6	11.296	8.8	0.0	0.0	0.0	10.8
8	13.8	23.5	20.3	63.2	15.263	13.2	0.1	0.0	0.1	3.1
9	13.8	27.0	19.9	61.1	13.435	11.2	0.0	0.0	0.0	5.2
10	15.8	26.3	21.5	50.1	12.842	10.7	0.0	0.0	0.0	9.3
11	16.3	26.7	19.4	50.6	11.546	9.1	0.0	0.0	0.0	5.2
12	10.5	26.5	20.0	63.7	14.338	12.3	0.0	1.1	1.1	4.8
13	15.5	24.5	19.5	73.0	16.054	14.0	0.0	17.0	17.0	3.9
14	14.8	22.0	18.1	80.7	16.706	14.6	0.9	0.0	0.9	2.0
15	12.5	26.0	19.4	76.4	16.493	14.4	0.0	0.0	0.0	6.1
16	14.8	26.3	21.0	48.0	11.672	9.1	0.0	0.0	0.0	5.5
17	12.5	25.5	19.0	69.5	14.623	12.6	0.0	0.0	0.0	5.8
18	12.0	25.4	18.7	76.1	16.132	14.1	0.1	0.2	0.3	5.4
19	11.0	26.3	19.3	71.9	16.054	14.0	0.0	11.7	11.7	8.3
20	13.0	25.3	18.5	78.6	16.295	14.2	0.2	23.1	23.3	6.0
21	14.5	22.0	17.9	85.2	17.520	15.4	4.3	4.6	8.9	0.9
22	14.5	22.6	17.9	83.6	17.179	15.1	0.0	0.0	0.0	1.6
23	13.5	24.5	18.1	84.9	17.875	15.7	6.0	1.9	7.9	5.4
24	15.0	24.3	19.0	80.3	17.492	15.3	0.4	2.2	2.6	5.3
25	15.0	20.0	17.4	91.4	18.207	16.0	13.6	10.9	24.5	0.6
26	14.0	21.8	17.3	83.4	16.635	14.6	15.4	12.0	27.4	0.6
27	14.6	20.3	16.8	87.7	16.842	14.8	9.8	11.1	20.9	0.5
28	14.5	23.5	17.5	86.0	17.564	15.5	3.1	47.3	50.4	4.6
29	13.5	20.5	16.2	88.5	16.293	14.3	7.2	0.0	7.2	2.9
30	12.8	25.0	17.9	82.8	16.936	14.9	0.0	14.4	14.4	6.4
PROM.	13.9	24.7	19.2	70.1	15.190	13.0	61.1	157.5	218.6	159.6

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.8	24.0	17.6	81.6	16.225	14.2	1.7	2.4	4.1	1.9
2	15.6	22.8	17.9	87.9	18.137	16.0	0.2	0.0	0.2	2.1
3	12.6	24.0	18.2	86.7	18.383	16.2	2.2	55.7	57.9	5.2
4	12.0	24.0	18.1	87.2	18.174	16.0	2.4	12.6	15.0	6.0
5	12.0	23.0	18.7	89.8	19.277	16.9	0.2	0.4	0.6	4.5
6	11.5	23.5	19.5	80.2	18.221	16.0	1.3	9.3	10.6	2.9
7	12.5	23.5	17.7	84.4	17.269	15.2	1.1	3.2	4.3	2.2
8	14.5	24.0	18.2	84.4	17.975	15.8	9.6	37.3	46.9	7.8
9	14.2	21.0	16.2	82.2	15.089	13.0	1.0	0.0	1.0	0.0
10	14.3	24.5	17.7	83.5	17.102	15.0	4.6	3.4	8.0	3.0
11	13.3	24.0	17.9	82.6	16.874	14.8	4.2	0.0	4.2	4.7
12	13.8	22.5	17.0	92.1	17.628	15.5	9.8	0.0	9.8	2.2
13	15.6	23.0	17.8	86.8	18.312	16.1	0.0	0.0	0.0	1.1
14	15.3	24.1	19.7	83.4	18.928	16.6	0.1	0.0	0.1	5.5
15	15.2	25.0	19.1	84.4	18.813	16.5	0.0	0.0	0.0	5.0
16	13.5	25.0	19.1	87.5	19.089	16.7	1.1	0.0	1.1	4.0
17	13.0	25.5	19.7	77.8	17.912	15.7	0.6	4.3	4.9	7.6
18	13.6	24.0	18.5	87.8	18.855	16.5	0.0	0.0	0.0	5.1
19	15.5	26.0	20.0	78.9	18.274	16.1	0.0	0.0	0.0	7.0
20	16.1	25.5	19.1	76.1	17.348	15.3	0.0	0.0	0.0	5.6
21	12.5	25.0	19.5	66.6	14.386	12.3	0.0	0.0	0.0	8.3
22	14.6	23.0	18.3	81.0	16.894	14.8	0.0	0.0	0.0	3.4
23	13.3	25.5	18.7	76.0	16.314	14.2	0.0	20.6	20.6	6.5
24	13.9	24.8	18.7	87.2	19.301	16.9	8.1	35.3	43.4	5.1
25	15.0	23.0	18.5	87.0	18.674	16.4	5.3	4.8	10.1	4.8
26	16.0	23.0	17.8	88.7	18.480	16.3	38.6	6.0	44.6	2.4
27	15.3	23.3	18.2	89.4	18.837	16.5	1.6	1.4	3.0	5.5
28	16.0	23.6	18.3	81.4	17.463	15.4	0.8	0.0	0.8	5.1
29	14.6	25.0	19.2	82.8	18.217	16.0	0.4	0.0	0.4	5.4
30	14.5	21.0	17.1	89.3	17.878	15.7	6.3	0.0	6.3	2.8
31	13.5	24.0	19.2	77.0	17.150	15.0	3.1	85.0	88.1	7.8
PROM.	14.1	23.9	18.4	83.6	17.790	15.6	104.3	281.7	386.0	140.5

ESTACION: MANUEL MEJIA MUNICIPIO: TAMBO AÑO: 1.977

ALTITUD: 1.700 LATITUD: 2-24 N. LONGITUD: 76-48 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	23.0	18.7	85.2	18.616	16.4	77.0	0.0	77.0	3.6
2	15.0	25.0	18.6	84.0	18.110	16.0	0.0	14.4	14.4	6.6
3	15.3	23.3	18.2	87.0	18.177	16.0	0.0	1.5	1.5	5.6
4	16.1	21.5	17.7	91.7	18.890	16.6	3.3	0.1	3.4	0.5
5	15.5	23.0	17.7	84.3	17.229	15.1	0.0	21.3	21.3	3.5
6	14.6	23.3	17.5	82.7	16.768	14.7	14.0	15.7	29.7	5.5
7	14.5	23.0	18.1	84.8	17.622	15.5	0.0	0.0	0.0	5.2
8	14.2	24.0	18.5	80.3	16.802	14.7	0.0	3.9	3.9	8.9
9	14.6	24.0	18.4	92.3	20.322	17.5	33.0	0.3	33.3	6.7
10	14.5	23.0	17.1	96.0	18.769	16.5	11.6	8.3	19.9	3.2
11	14.0	22.0	18.0	88.5	18.515	16.3	5.6	48.4	54.0	6.8
12	14.8	22.0	18.0	82.3	17.324	15.2	0.0	32.3	32.3	7.6
13	14.5	22.1	17.8	85.5	17.420	15.3	0.0	18.6	18.6	6.0
14	14.8	22.5	17.7	76.7	15.419	13.2	0.0	0.0	0.0	10.6
15	10.0	25.0	18.1	83.0	17.186	15.1	1.5	8.8	10.3	9.1
16	14.6	24.0	18.4	83.5	17.653	15.5	0.0	0.0	0.0	6.5
17	16.0	22.0	17.8	90.2	18.783	16.5	6.5	24.3	30.8	2.8
18	14.0	22.0	17.3	91.6	18.436	16.2	1.0	2.2	3.2	4.0
19	14.5	23.0	17.8	84.8	17.328	15.2	25.5	1.1	26.6	5.4
20	14.8	23.5	17.6	86.4	17.720	15.6	21.9	8.8	30.7	4.9
21	14.5	23.0	17.3	86.4	17.059	15.0	11.4	9.0	20.4	6.5
22	14.5	24.0	18.6	85.0	18.376	16.2	4.6	1.1	5.7	7.5
23	15.2	22.5	18.2	88.6	18.403	16.2	11.3	12.2	23.5	3.8
24	16.5	22.0	18.4	91.1	19.367	17.0	0.8	0.0	0.8	2.9
25	16.1	21.5	18.5	84.9	18.024	15.8	0.0	0.0	0.0	0.7
26	16.8	21.5	18.6	91.6	19.563	17.1	0.0	4.6	4.6	2.4
27	15.8	22.0	18.1	91.1	19.072	16.8	0.0	0.0	0.0	5.5
28	14.5	23.0	18.9	85.3	18.478	16.2	0.0	0.0	0.0	5.4
29	15.5	24.0	20.0	79.2	18.572	16.3	0.0	0.0	0.0	8.9
30	15.4	24.0	18.9	75.2	15.892	13.7	0.0	0.4	0.4	7.3
PROM.	14.9	23.0	18.2	86.0	17.997	15.8	229.0	237.3	466.3	163.9

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	23.1	18.4	84.2	18.120	15.9	8.6	0.0	8.6	6.4
2	15.6	22.0	18.2	86.7	18.327	16.1	13.3	2.2	15.5	3.1
3	16.0	24.0	19.3	86.6	19.794	17.3	0.0	0.0	0.0	2.8
4	16.0	24.0	19.8	82.5	19.033	16.7	0.4	1.3	1.7	4.6
5	14.8	23.6	18.6	78.0	16.861	14.8	0.0	0.0	0.0	8.5
6	15.4	24.5	19.6	79.7	18.025	15.8	0.0	0.0	0.0	8.9
7	15.3	23.5	19.1	82.8	18.091	15.9	0.0	0.3	0.3	5.7
8	15.6	22.5	18.8	83.8	18.195	16.0	0.0	0.0	0.0	3.5
9	15.7	24.0	18.8	80.0	17.471	15.3	0.0	0.0	0.0	6.9
10	15.1	25.0	19.8	77.9	17.889	15.8	0.0	8.5	8.5	3.1
11	14.6	24.0	18.1	84.3	17.537	15.4	0.0	3.4	3.4	7.9
12	14.8	23.5	18.0	83.2	17.204	15.1	0.0	0.0	0.0	7.4
13	16.0	21.0	17.3	92.3	18.317	16.1	1.1	0.0	1.1	2.2
14	14.1	24.1	18.0	85.6	17.662	15.6	5.7	0.0	5.7	6.6
15	14.4	24.5	18.8	83.0	17.977	15.8	1.9	0.0	1.9	6.8
16	16.7	23.0	19.5	84.3	19.169	16.8	0.0	0.0	0.0	4.7
17	16.1	23.0	18.3	86.3	18.406	16.2	6.8	0.0	6.8	5.4
18	14.6	24.0	18.3	85.7	18.272	16.1	4.5	1.3	5.8	6.4
19	15.3	24.0	18.3	85.8	18.067	15.9	2.9	0.1	3.0	8.1
20	14.3	25.0	19.0	78.3	17.345	15.2	1.4	0.0	1.4	9.0
21	15.0	24.5	19.2	70.2	15.592	13.6	0.0	0.0	0.0	8.6
22	14.3	23.5	19.0	84.4	18.229	16.0	0.0	0.0	0.0	8.0
23	16.1	24.5	20.2	74.5	17.463	15.4	0.0	0.0	0.0	8.1
24	13.6	24.5	18.9	82.6	17.954	15.8	0.2	0.0	0.2	9.4
25	15.1	23.6	19.3	84.9	19.443	17.0	0.0	0.0	0.0	8.4
26	15.8	25.2	18.8	80.6	17.875	15.7	1.1	0.0	1.1	7.2
27	14.1	23.0	18.4	88.3	18.981	16.7	11.0	7.6	18.6	2.3
28	15.0	22.0	16.8	87.3	17.093	15.0	1.2	3.7	4.9	3.7
29	15.5	21.3	17.1	87.8	17.305	15.3	8.0	0.1	8.1	2.5
30	14.7	22.0	17.7	86.7	17.687	15.6	4.7	20.5	25.2	5.8
31	15.0	22.4	18.3	89.1	18.632	16.4	3.2	46.0	49.2	5.1
PROM.	15.1	23.5	18.6	83.5	18.001	15.8	76.0	95.0	171.0	187.1

ESTACION: MANUEL MEJIA MUNICIPIO TAMBO AÑO: 1.977

ALTITUD: 1.700 LATITUD: 2-24 N. LONGITUD: 76-46 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	14.7	23.6	18.9	9.4	25.1	82.2	17.829	15.7	77.9	11	208.5
FEBRERO	14.3	23.1	18.4	11.0	25.7	83.0	17.522	15.4	49.7	13	151.3
MARZO	14.7	25.0	19.7	11.0	27.1	74.6	16.861	14.7	148.7	13	183.0
ABRIL	15.0	23.4	18.7	12.8	26.0	84.0	18.073	15.9	160.1	20	137.8
MAYO	15.5	23.2	18.9	12.8	26.0	84.3	18.351	16.1	94.0	15	150.4
JUNIO	13.9	23.3	18.4	11.6	25.8	78.8	16.550	14.4	83.1	18	144.9
JULIO	13.4	24.6	18.8	9.5	27.2	69.9	14.704	12.5	15.0	11	186.1
AGOSTO	12.6	24.8	18.7	8.5	27.0	71.3	14.858	12.7	66.3	15	188.0
SEPTIEMBRE	13.9	24.7	19.2	10.5	27.1	70.1	15.190	13.0	218.6	16	159.6
OCTUBRE	14.1	23.9	18.4	11.5	26.0	83.6	17.790	15.6	386.0	24	140.5
NOVIEMBRE	14.9	23.0	18.2	10.0	25.0	86.0	17.997	15.8	466.3	23	163.9
DICIEMBRE	15.1	23.5	18.6	13.6	25.2	83.5	18.001	15.8	171.0	20	187.1
PROMEDIO	14.3	23.8	18.7	11.0	26.1	79.3	16.977	14.8			
TOTAL									1936.7	199	2001.1

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.977

ALTITUD: 1.000 LATITUD: 10-22 N. LONGITUD: 73-38 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	10.8	27.5	19.9	73.2	16.399	14.4	0.0	0.0	0.0	4.3
2	11.2	29.0	20.4	74.4	17.270	15.2	0.0	0.0	0.0	1.8
3	14.0	30.0	21.3	72.8	18.280	16.1	0.0	0.0	0.0	9.3
4	17.2	29.0	21.0	73.6	18.363	16.1	0.0	0.0	0.0	10.5
5	16.4	30.0	21.5	78.5	20.172	17.6	0.0	0.0	0.0	6.7
6	15.3	29.0	20.9	76.9	19.067	16.7	0.0	0.0	0.0	7.6
7	16.4	30.0	21.1	71.4	17.278	15.2	0.0	0.0	0.0	10.2
8	16.2	28.4	21.1	69.4	17.255	15.1	0.0	0.0	0.0	10.2
9	16.0	29.6	21.1	64.5	15.733	13.6	0.0	0.0	0.0	9.1
10	16.0	28.0	20.8	70.5	16.780	14.7	0.0	0.0	0.0	7.8
11	13.0	28.0	19.8	68.1	14.872	12.9	0.0	0.0	0.0	9.4
12	12.0	26.0	18.5	71.3	14.237	12.1	0.0	0.0	0.0	9.9
13	8.4	27.3	20.8	59.9	13.703	11.2	0.0	0.0	0.0	9.6
14	9.7	26.8	18.7	72.7	14.647	12.5	0.0	0.0	0.0	9.1
15	10.0	29.1	19.4	72.5	15.295	13.1	0.0	0.0	0.0	9.7
16	12.0	29.1	20.0	71.6	15.769	13.6	0.0	0.0	0.0	9.4
17	15.6	26.0	19.8	69.5	15.422	13.4	0.0	0.0	0.0	9.9
18	12.6	24.4	19.5	67.8	14.580	12.5	2.1	0.0	2.1	7.2
19	15.0	23.6	18.4	71.4	14.664	12.6	0.0	0.0	0.0	8.9
20	15.0	24.0	19.2	55.0	11.372	8.3	0.0	0.0	0.0	7.2
21	11.8	26.1	19.3	61.1	12.294	10.0	0.0	0.0	0.0	9.5
22	11.5	26.6	19.2	71.5	14.718	12.6	0.0	0.0	0.0	8.2
23	11.8	26.5	19.2	69.0	14.256	12.0	0.0	0.0	0.0	9.4
24	10.0	27.4	18.4	68.5	13.505	11.4	0.0	0.0	0.0	9.9
25	13.0	27.5	20.2	70.3	15.505	13.5	0.0	0.0	0.0	8.2
26	12.5	27.1	19.5	72.2	15.444	13.4	0.0	0.0	0.0	9.8
27	11.0	28.0	19.5	74.9	16.196	14.1	0.0	0.0	0.0	9.7
28	12.8	28.8	20.9	71.4	16.642	14.5	0.0	0.0	0.0	0.5
29	13.3	28.1	20.1	74.4	16.458	14.3	0.0	0.0	0.0	10.1
30	12.8	28.1	19.9	73.3	15.948	13.8	0.0	0.0	0.0	9.4
31	12.8	26.3	19.6	65.3	13.939	11.9	0.0	0.0	0.0	6.7
PROM.	13.1	27.6	20.0	70.2	15.679	13.5	2.1	0.0	2.1	259.2

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.0	27.5	20.1	74.6	16.966	14.9	0.0	0.0	0.0	8.3
2	10.8	27.5	20.2	69.3	15.351	13.3	0.0	0.0	0.0	10.0
3	9.0	27.1	19.1	67.4	13.908	11.8	0.0	0.0	0.0	9.8
4	9.3	29.1	19.3	64.5	12.862	10.7	0.0	0.0	0.0	0.4
5	12.6	29.1	21.5	66.5	15.521	13.6	0.0	0.0	0.0	10.0
6	14.0	28.8	21.3	70.7	17.041	15.0	0.0	0.0	0.0	9.8
7	12.6	27.4	20.6	71.2	16.517	14.5	0.0	0.0	0.0	8.7
8	11.0	28.0	19.9	76.2	16.898	14.7	0.0	0.0	0.0	10.5
9	12.0	30.0	21.0	67.5	15.111	13.0	0.0	0.0	0.0	9.4
10	12.4	28.8	21.9	69.0	17.064	15.0	0.0	0.0	0.0	9.9
11	14.1	28.3	21.0	71.5	17.105	15.1	0.0	0.0	0.0	9.0
12	14.0	28.8	21.6	74.4	18.686	16.3	0.0	0.0	0.0	5.0
13	13.0	28.3	20.4	73.5	16.726	14.7	0.0	0.0	0.0	8.9
14	12.6	28.3	20.3	69.5	15.442	13.5	0.0	0.0	0.0	5.2
15	13.0	28.2	21.2	72.6	17.100	15.0	0.0	0.0	0.0	9.6
16	15.3	28.0	21.7	72.4	17.823	15.7	0.0	0.0	0.0	10.0
17	14.8	28.1	21.0	70.7	16.870	14.8	0.0	0.0	0.0	8.9
18	11.8	28.3	20.2	67.6	14.597	12.6	0.0	0.0	0.0	9.6
19	10.6	28.4	19.5	68.6	14.501	12.5	0.0	0.0	0.0	8.7
20	13.1	29.0	20.8	65.9	14.935	12.9	0.0	0.0	0.0	8.1
21	14.9	26.8	19.8	68.7	15.437	13.4	0.0	0.0	0.0	7.6
22	11.4	29.3	20.1	67.4	14.504	12.4	0.0	0.0	0.0	8.7
23	10.3	29.8	20.3	67.9	15.103	13.1	0.0	0.0	0.0	10.1
24	13.0	27.3	20.3	77.1	17.545	15.4	1.8	0.0	1.8	9.4
25	11.0	26.0	19.9	70.7	15.362	13.4	0.0	0.0	0.0	9.4
26	11.4	28.6	19.9	69.0	14.759	12.7	0.0	0.0	0.0	6.8
27	11.4	29.1	20.8	66.4	14.898	12.9	0.0	0.0	0.0	9.6
28	12.4	28.1	20.5	67.4	15.066	13.1	0.0	0.0	0.0	8.7
PROM.	12.3	28.3	20.5	69.9	15.846	13.8	1.8	0.0	1.8	240.1

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.977

ALTITUD: 1.000 LATITUD: 10-22 N. LONGITUD: 73-38 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.4	27.4	20.0	70.4	15.511	13.5	0.0	0.0	0.0	5.8
2	13.1	27.0	19.2	72.6	15.691	13.7	0.0	0.0	0.0	8.4
3	11.0	28.3	19.9	72.1	15.672	13.6	0.0	0.0	0.0	9.6
4	11.3	30.0	20.4	61.5	13.302	11.2	0.0	0.0	0.0	7.8
5	10.5	29.4	21.5	65.7	15.302	13.3	0.0	0.0	0.0	9.4
6	12.0	30.3	21.7	68.4	16.263	14.2	0.0	0.0	0.0	8.9
7	11.6	28.6	20.6	69.6	15.532	13.5	0.0	0.0	0.0	6.6
8	11.7	30.0	20.9	59.4	12.983	10.8	0.0	0.0	0.0	9.0
9	12.8	29.4	22.4	63.2	16.094	14.1	0.0	0.0	0.0	7.4
10	15.0	30.0	23.3	59.8	16.207	14.2	0.0	0.0	0.0	9.6
11	14.0	31.5	22.6	64.2	15.753	13.7	0.0	0.0	0.0	8.6
12	15.0	29.6	21.8	70.0	17.284	15.2	0.0	0.0	0.0	8.0
13	15.0	27.1	20.8	77.2	18.486	16.2	1.5	0.0	1.5	4.0
14	14.0	29.0	20.3	79.7	18.558	16.3	0.0	0.0	0.0	6.5
15	13.6	27.3	20.0	72.4	15.905	13.8	0.2	0.0	0.2	4.9
16	12.8	27.6	20.4	80.0	19.231	16.7	0.0	0.0	0.0	6.9
17	13.3	26.0	19.7	78.8	17.999	15.8	0.0	0.0	0.0	5.3
18	12.6	28.1	21.5	68.0	16.276	14.3	0.8	0.0	0.8	8.8
19	13.0	28.8	21.4	69.1	16.933	14.9	0.0	0.0	0.0	9.3
20	12.4	30.0	21.5	67.8	16.235	14.2	0.0	0.0	0.0	9.5
21	11.3	28.3	22.3	64.6	15.772	13.8	0.0	0.0	0.0	2.0
22	12.2	28.3	21.8	68.3	16.750	14.7	0.0	0.0	0.0	0.9
23	13.0	28.0	21.9	71.5	17.959	15.8	0.0	0.0	0.0	6.6
24	14.6	27.1	22.1	65.8	16.270	14.2	0.0	0.0	0.0	6.6
25	13.0	28.0	22.0	62.4	15.534	13.5	0.0	0.0	0.0	7.2
26	14.1	28.8	21.8	72.3	17.831	15.6	0.0	0.0	0.0	8.7
27	13.8	30.0	22.2	70.8	17.934	15.8	0.0	0.0	0.0	10.7
28	14.3	28.8	21.2	73.1	17.907	15.8	0.0	0.0	0.0	5.7
29	14.6	28.1	20.5	72.1	16.802	14.8	0.0	0.0	0.0	6.7
30	13.5	27.5	21.2	70.7	17.324	15.2	0.0	0.0	0.0	6.7
31	13.7	27.0	21.8	71.2	17.747	15.6	0.0	0.0	0.0	6.5
PROM.	13.1	28.6	21.2	69.4	16.550	14.5	2.5	0.0	2.5	222.8

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	26.1	20.9	68.7	16.242	14.2	0.0	0.0	0.0	10.0
2	13.4	28.2	20.7	61.5	13.722	11.6	0.0	0.0	0.0	5.8
3	12.1	28.4	21.1	68.5	16.045	14.0	0.0	0.0	0.0	5.7
4	11.8	28.0	20.8	71.2	16.081	13.9	0.0	0.0	0.0	8.8
5	12.4	27.4	20.4	67.1	14.862	12.9	0.0	0.0	0.0	7.7
6	13.0	27.6	20.1	72.4	16.361	14.4	5.6	0.0	5.6	8.0
7	14.0	26.8	21.3	71.5	17.165	15.1	0.0	0.0	0.0	8.9
8	14.4	27.1	20.5	65.7	14.954	13.0	0.0	0.0	0.0	6.1
9	12.8	27.1	20.3	64.8	14.858	12.7	0.0	0.0	0.0	5.3
10	15.4	28.1	21.1	74.6	17.836	15.7	0.0	0.0	0.0	4.8
11	13.6	29.1	22.6	75.2	19.674	16.9	0.0	0.0	0.0	7.1
12	17.0	28.3	20.5	76.0	18.403	16.2	2.4	0.0	2.4	7.3
13	15.0	29.0	21.0	77.3	18.931	16.6	1.7	0.0	1.7	6.6
14	14.6	29.3	21.0	78.7	19.118	16.8	1.6	0.2	1.8	6.4
15	17.1	29.1	21.2	82.0	20.522	17.9	4.4	0.0	4.4	7.0
16	15.6	29.0	19.4	78.6	18.846	16.2	35.2	0.8	36.0	6.0
17	14.0	26.1	20.0	78.4	17.708	15.5	0.0	0.0	0.0	6.9
18	16.4	26.3	20.3	79.5	18.656	16.6	0.0	0.0	0.0	4.8
19	13.1	28.0	21.2	78.2	18.715	16.4	0.2	0.0	0.2	7.2
20	15.0	29.0	21.0	79.0	19.259	16.9	18.3	0.0	18.3	6.4
21	14.3	26.6	20.6	76.2	17.981	15.8	0.0	0.0	0.0	6.4
22	14.0	25.0	20.4	75.7	17.423	15.3	0.0	0.0	0.0	6.3
23	15.0	26.1	20.4	69.3	16.135	14.0	0.0	0.0	0.0	5.2
24	15.8	25.6	20.1	77.9	18.081	15.9	0.0	0.0	0.0	6.3
25	13.9	29.0	20.5	72.9	16.855	14.8	0.0	0.0	0.0	6.1
26	14.0	26.0	19.8	85.3	19.475	17.1	11.3	0.0	11.3	8.7
27	14.0	23.3	18.3	85.3	17.652	15.5	0.7	0.0	0.7	5.8
28	13.0	24.1	17.8	78.9	15.791	13.8	0.0	0.0	0.0	7.3
29	11.1	26.0	18.4	77.4	15.740	13.7	0.0	0.0	0.0	8.0
30	13.1	25.1	18.8	76.5	16.174	14.2	0.0	0.0	0.0	7.5
PROM.	14.2	27.2	20.4	74.8	17.316	15.1	81.4	1.0	82.4	204.4

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.977

ALTITUD: 1.000 LATITUD: 10-22 N. LONGITUD: 73-38 W.

M E S – MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.1	27.9	20.4	73.9	17.294	15.2	7.0	0.0	7.0	7.8
2	11.8	28.0	19.9	64.4	13.443	11.1	0.0	0.0	0.0	2.8
3	12.6	28.0	21.3	69.6	16.343	14.3	0.0	0.0	0.0	7.7
4	15.1	27.1	18.6	81.5	17.537	15.4	19.8	4.9	24.7	2.9
5	14.6	21.3	17.9	86.3	17.407	15.3	1.4	37.6	39.0	0.8
6	14.0	24.0	19.1	84.2	18.316	16.1	0.0	0.0	0.0	3.0
7	13.1	24.4	18.4	86.5	18.373	16.1	0.0	0.0	0.0	6.7
8	14.1	25.0	18.8	78.7	16.845	14.8	0.0	0.2	0.2	2.7
9	13.0	28.0	20.0	85.7	20.286	17.7	0.0	0.0	0.0	1.9
10	12.3	28.0	21.2	85.1	21.620	18.7	64.3	5.6	69.9	4.4
11	14.5	27.1	20.5	79.0	18.589	16.4	0.0	0.0	0.0	4.5
12	15.0	26.0	20.9	77.5	18.793	16.5	13.6	0.5	14.1	8.4
13	15.0	27.0	21.1	81.2	20.118	17.6	8.5	2.3	10.8	6.8
14	15.0	28.1	21.3	83.2	21.345	18.5	0.5	0.5	1.0	2.4
15	15.4	26.6	20.5	86.7	21.212	18.4	48.2	1.4	49.6	3.6
16	16.0	28.0	21.3	84.1	21.528	18.6	2.3	0.0	2.3	3.3
17	15.5	29.0	21.0	83.6	21.082	18.3	2.9	0.0	2.9	1.5
18	16.0	28.0	20.9	81.0	20.061	17.5	0.0	0.0	0.0	6.9
19	16.0	27.0	20.5	82.8	20.048	17.6	14.8	0.8	15.6	5.4
20	15.4	29.0	21.5	82.3	20.927	18.2	0.0	0.0	0.0	3.0
21	16.0	26.6	21.0	84.8	21.273	18.5	0.2	0.0	0.2	6.9
22	15.6	28.0	20.4	82.2	19.905	17.4	8.4	0.0	8.4	7.4
23	14.4	25.4	19.4	85.4	19.094	16.8	8.3	0.0	8.3	1.4
24	15.6	26.3	20.4	86.1	20.745	18.1	2.0	0.2	2.2	5.0
25	17.5	25.3	20.6	81.7	19.942	17.5	0.0	0.0	0.0	2.9
26	16.3	26.6	20.8	84.5	20.713	18.0	1.6	22.0	23.6	6.2
27	16.3	24.8	20.0	84.7	19.925	17.4	0.0	0.0	0.0	2.8
28	16.8	26.0	20.7	82.5	20.261	17.7	0.0	0.0	0.0	3.7
29	16.8	26.7	21.2	80.3	20.046	17.5	0.0	0.0	0.0	7.3
30	15.6	28.1	21.0	80.9	19.772	17.3	0.0	4.3	4.3	7.1
31	17.1	27.3	21.6	77.1	19.608	17.2	0.0	0.6	0.6	9.0
PROM.	15.1	26.7	20.4	81.5	19.434	17.0	203.8	80.9	284.7	146.2

M E S – JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.1	27.0	20.8	83.0	20.461	17.9	4.8	1.5	6.3	6.2
2	15.8	24.0	20.0	89.1	20.935	18.2	1.4	2.5	3.9	3.3
3	16.8	26.0	21.2	84.3	21.182	18.4	1.6	0.0	1.6	7.5
4	16.0	26.0	20.8	85.4	20.914	18.2	0.0	0.0	0.0	4.0
5	16.0	26.0	20.5	91.0	21.727	18.8	7.5	0.0	7.5	9.2
6	16.8	26.0	19.9	81.2	18.933	16.6	0.9	8.8	9.7	6.1
7	16.0	26.4	20.1	76.9	18.197	16.0	5.9	0.6	6.5	9.8
8	16.3	25.5	20.9	74.4	17.786	15.5	0.0	0.0	0.0	10.3
9	15.1	26.3	21.7	81.2	21.121	18.3	0.0	0.0	0.0	10.2
10	16.7	26.5	21.3	83.0	20.930	18.2	0.0	0.0	0.0	6.9
11	16.0	25.8	19.1	85.2	19.381	17.0	0.0	0.0	0.0	4.0
12	17.3	25.8	20.9	85.5	21.095	18.3	9.2	53.4	62.6	2.4
13	17.7	25.0	20.6	85.3	20.796	18.1	0.2	20.5	20.7	5.3
14	17.3	24.6	20.1	86.3	20.303	17.8	1.5	0.0	1.5	4.7
15	15.3	25.6	20.3	89.2	21.194	18.4	0.0	0.0	0.0	8.4
16	15.0	27.4	19.8	85.9	20.613	17.9	32.1	0.0	32.1	9.3
17	15.1	26.6	21.0	83.8	20.830	18.2	0.0	0.0	0.0	5.9
18	15.3	28.3	21.5	78.1	20.047	17.5	0.0	0.0	0.0	2.3
19	16.3	28.6	21.2	77.8	19.643	17.2	0.0	0.0	0.0	8.9
20	16.1	26.0	20.8	81.6	19.762	17.3	0.0	0.0	0.0	4.2
21	17.3	24.6	21.0	80.5	19.864	17.4	0.0	0.0	0.0	1.3
22	16.0	26.3	21.2	75.5	18.510	16.3	0.0	0.0	0.0	3.7
23	17.4	27.1	21.9	75.1	19.450	17.0	0.0	0.0	0.0	9.1
24	16.1	28.0	21.8	81.1	20.871	18.2	0.0	0.0	0.0	3.9
25	16.3	28.6	22.8	76.3	20.123	17.6	0.0	0.0	0.0	8.5
26	17.3	26.1	20.1	88.3	21.123	18.3	0.0	0.0	0.0	2.8
27	16.1	26.6	20.5	88.4	21.333	18.5	13.3	0.0	13.3	3.2
28	15.3	28.0	21.5	82.3	20.802	18.0	0.0	0.0	0.0	8.5
29	17.8	24.3	20.9	80.8	19.882	17.2	0.0	0.0	0.0	2.0
30	14.9	25.3	20.8	81.3	19.302	16.9	0.0	0.0	0.0	3.8
PROM.	16.3	26.3	20.8	82.6	20.237	17.6	78.4	87.3	165.7	175.7

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.977

ALTITUD: 1.000 LATITUD: 10-22 N. LONGITUD: 73-38 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.3	25.4	21.6	84.0	21.326	18.5	0.0	0.0	0.0	5.7
2	14.8	26.8	22.3	71.4	17.969	15.8	0.0	0.0	0.0	7.2
3	13.8	29.3	22.7	72.0	18.373	16.1	0.0	0.0	0.0	10.1
4	17.3	27.0	21.9	70.8	18.280	16.1	0.0	0.0	0.0	11.3
5	14.3	28.2	20.7	69.8	16.238	14.2	0.0	0.9	0.9	5.9
6	14.3	24.8	20.9	78.5	18.638	16.3	7.7	0.0	7.7	6.0
7	17.0	26.8	20.5	83.8	20.637	18.0	0.0	0.0	0.0	
8	16.8	28.1	22.4	67.6	17.311	15.2	0.0	0.0	0.0	
9	15.4	29.1	22.4	74.1	19.031	16.7	0.0	0.0	0.0	
10	18.0	26.8	22.3	74.8	19.498	17.1	0.0	0.0	0.0	
11	15.0	30.4	21.5	67.2	16.126	14.1	0.0	0.0	0.0	
12	17.0	29.0	23.1	72.5	19.983	17.5	0.0	0.0	0.0	
13	16.4	29.1	23.1	71.5	19.257	16.9	0.0	0.0	0.0	
14	17.3	31.0	23.1	68.4	19.144	16.7	0.0	0.0	0.0	
15	16.0	28.2	23.3	69.6	18.506	16.3	0.0	0.0	0.0	
16	18.5	27.2	22.3	77.8	20.247	17.7	0.0	0.0	0.0	
17	15.6	28.8	22.5	67.8	17.022	15.0	0.0	0.0	0.0	
18	15.0	28.1	22.0	70.8	17.993	15.8	0.0	0.0	0.0	
19	17.0	29.1	21.9	76.1	19.621	17.2	0.0	1.9	1.9	
20	17.0	29.1	23.1	72.1	19.999	17.5	0.0	0.0	0.0	
21	17.6	30.0	23.1	70.5	20.018	17.4	0.0	0.0	0.0	
22	14.8	30.0	23.5	67.9	18.597	16.4	0.0	0.0	0.0	
23	15.1	30.4	22.8	70.2	18.661	16.4	0.0	0.0	0.0	
24	16.4	32.1	22.6	71.3	19.163	16.8	0.0	0.0	0.0	
25	15.1	29.3	22.0	75.8	19.560	17.1	0.0	0.0	0.0	
26	16.5	28.8	22.3	77.9	20.621	18.0	0.0	0.0	0.0	
27	15.6	26.3	19.6	87.1	20.234	17.7	68.3	0.1	68.4	
28	15.8	26.0	21.0	81.0	19.747	17.3	0.0	0.0	0.0	
29	15.8	27.1	22.0	78.8	20.493	17.9	0.0	0.0	0.0	
30	15.1	28.0	21.8	77.4	19.446	17.0	3.5	0.1	3.6	
31	17.7	26.6	21.1	83.8	21.014	18.3	0.0	0.0	0.0	
PROM.	16.1	28.3	22.1	74.3	19.121	16.7	79.5	3.0	82.5	

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	25.6	20.9	74.0	17.536	15.3	0.0	0.0	0.0	4.3
2	16.0	28.0	22.4	72.9	18.824	16.5	0.0	0.0	0.0	4.6
3	14.6	25.6	18.9	87.3	19.130	16.7	20.2	0.0	20.2	6.8
4	14.8	26.0	21.1	84.2	21.279	18.5	0.0	0.0	0.0	2.8
5	16.6	27.0	20.9	82.3	20.111	17.6	0.0	0.0	0.0	6.9
6	17.3	26.0	21.3	87.7	22.630	19.4	7.0	0.0	7.0	4.9
7	16.3	27.0	21.0	85.5	21.471	18.6	0.0	34.7	34.7	5.4
8	16.1	27.0	20.5	85.7	21.011	18.3	0.1	0.0	0.1	0.7
9	14.0	24.8	20.0	86.1	19.990	17.5	0.0	2.0	2.0	2.0
10	14.6	28.0	21.2	85.4	21.287	18.4	0.0	0.0	0.0	9.5
11	14.3	28.3	20.8	77.7	18.459	16.2	0.0	0.0	0.0	8.3
12	13.6	28.0	20.6	79.9	18.956	16.6	1.2	0.0	1.2	8.8
13	14.0	28.4	19.9	85.3	19.824	17.2	7.3	0.2	7.5	8.6
14	14.4	28.2	20.2	86.5	20.609	17.9	0.0	41.7	41.7	8.6
15	16.3	25.0	19.8	87.6	20.341	17.8	0.6	0.0	0.6	4.1
16	14.8	25.4	19.2	88.5	19.878	17.3	31.0	1.9	32.9	5.9
17	14.0	27.0	20.0	86.0	20.338	17.7	0.0	0.0	0.0	8.4
18	14.6	26.6	19.7	86.7	20.086	17.5	14.5	0.4	14.9	6.8
19	15.8	26.3	20.6	86.0	20.913	18.2	0.0	0.8	0.8	6.8
20	14.0	26.8	20.5	86.6	20.873	18.1	5.0	0.0	5.0	7.6
21	17.3	25.6	20.6	87.1	21.196	18.4	1.3	0.4	1.7	7.2
22	16.0	29.0	21.8	82.6	21.601	18.7	0.0	0.0	0.0	10.0
23	15.5	29.1	21.3	83.1	20.773	18.1	3.0	0.0	3.0	5.7
24	14.5	29.3	22.5	78.6	20.789	18.0	0.0	0.0	0.0	9.2
25	14.8	29.9	21.8	79.1	20.163	17.6	11.5	3.7	15.2	8.6
26	16.4	28.6	21.9	80.9	20.864	18.2	0.0	0.0	0.0	8.0
27	18.0	28.1	21.4	86.3	22.391	19.3	0.0	0.0	0.0	6.9
28	16.4	26.0	20.6	84.5	20.197	17.6	0.0	0.0	0.0	6.8
29	14.8	30.0	22.8	80.2	22.077	19.1	0.0	0.0	0.0	6.8
30	16.6	28.0	21.6	78.7	20.234	17.5	6.3	45.2	51.5	5.9
31	14.8	27.1	21.8	78.5	20.156	17.6	0.0	1.1	1.1	1.9
PROM.	15.4	27.3	20.9	83.3	20.451	17.8	109.0	132.1	241.1	198.8

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.977

ALTITUD: 1.000 LATITUD: 10-22 No. LONGITUD: 73-38 We.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	28.4	21.0	78.7	19.491	17.1	0.0	0.0	0.0	6.3
2	14.9	30.0	22.1	77.8	20.683	18.0	0.0	0.0	0.0	10.1
3	15.8	29.3	22.4	76.7	20.080	17.5	0.0	0.0	0.0	10.3
4	14.5	28.8	21.8	77.0	19.343	16.9	0.2	1.1	1.3	0.0
5	16.5	27.1	20.2	77.0	18.609	16.3	4.8	0.0	4.8	6.0
6	14.6	29.4	21.6	80.1	20.446	17.8	0.0	0.0	0.0	6.9
7	16.3	29.8	23.3	74.7	20.499	17.8	0.0	0.0	0.0	9.0
8	14.8	29.3	22.0	76.4	19.642	17.2	0.0	0.0	0.0	9.1
9	14.9	29.5	21.8	81.1	20.770	18.0	0.0	0.0	0.0	6.2
10	16.8	29.9	21.6	77.0	19.539	17.1	0.0	0.0	0.0	6.8
11	17.0	28.0	21.0	79.2	19.853	17.4	0.0	14.3	14.3	5.8
12	14.8	26.3	17.5	84.8	16.943	14.8	22.1	0.0	22.1	3.0
13	13.3	26.3	19.4	82.7	18.565	16.3	6.0	0.1	6.1	6.4
14	16.0	26.8	19.1	88.0	20.101	17.5	40.6	0.7	41.3	6.2
15	16.3	24.4	20.1	81.7	19.039	16.7	0.1	0.0	0.1	0.1
16	14.7	27.8	20.4	83.4	20.232	17.7	5.1	0.0	5.1	10.2
17	14.8	27.0	21.5	76.5	18.994	16.7	0.0	0.0	0.0	4.1
18	17.5	28.1	22.3	79.3	21.005	18.2	0.0	0.6	0.6	4.1
19	18.0	28.0	21.3	83.0	21.158	18.4	5.5	0.8	6.3	5.6
20	14.8	28.3	20.5	82.2	20.029	17.5	20.2	0.0	20.2	5.8
21	15.4	24.0	18.5	84.2	17.936	15.8	10.7	71.0	81.7	2.3
22	15.6	25.3	19.6	79.3	18.377	16.0	0.0	0.0	0.0	8.0
23	16.4	25.3	20.5	85.5	20.530	17.8	0.0	0.0	0.0	7.7
24	18.0	28.0	20.8	82.7	21.003	18.2	0.0	0.0	0.0	9.4
25	15.4	25.8	20.8	83.0	20.231	17.6	0.0	50.0	50.0	4.2
26	15.8	24.1	19.6	85.7	19.377	17.0	0.0	0.0	0.0	0.8
27	16.5	20.3	17.6	94.1	19.256	16.9	18.8	3.8	22.6	11.0
28	16.3	23.0	19.4	86.3	19.212	16.8	0.4	63.6	64.0	4.6
29	16.3	24.8	20.0	88.5	20.818	18.1	0.1	0.0	0.1	8.6
30	15.2	26.3	20.4	82.3	19.390	17.0	0.9	0.0	0.9	8.9
PROM.	15.8	27.0	20.6	81.6	19.705	17.2	135.5	206.0	341.5	187.5

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	25.3	21.1	82.0	20.243	17.7	0.0	0.0	0.0	
2	17.4	26.7	20.5	80.8	19.497	17.1	0.0	12.0	12.0	
3	14.2	27.3	20.6	82.4	19.579	17.1	0.0	0.0	0.0	
4	15.4	27.0	21.1	78.5	19.317	16.9	3.3	0.0	3.3	6.7
5	14.9	26.3	20.9	80.8	19.784	17.3	0.0	0.0	0.0	7.8
6	16.5	26.0	19.4	87.4	20.390	17.8	64.4	0.0	64.4	2.9
7	15.0	26.0	19.5	85.4	19.326	16.9	34.4	1.9	36.3	4.8
8	16.4	26.0	19.3	84.7	19.056	16.7	12.7	2.1	14.8	4.6
9	14.5	26.3	19.9	84.5	19.368	16.9	0.8	8.8	9.6	4.8
10	16.1	24.0	19.7	86.3	19.765	17.3	0.0	0.0	0.0	1.5
11	16.1	25.8	20.5	85.6	20.719	18.0	0.3	0.7	0.7	4.0
12	17.1	24.3	19.6	90.1	20.993	18.2	5.7	4.8	10.5	2.9
13	17.3	26.4	21.2	84.7	21.511	18.6	0.0	1.4	1.4	3.6
14	17.3	26.0	20.2	85.5	20.696	18.0	4.2	0.2	4.4	4.2
15	16.4	27.3	20.2	79.5	18.802	16.5	31.9	0.0	31.9	7.3
16	15.4	27.6	21.2	84.2	20.904	18.1	9.7	37.1	46.8	8.8
17	15.8	28.3	21.3	84.2	21.355	18.5	35.3	15.4	50.7	5.9
18	17.3	27.1	19.8	86.4	20.030	17.5	0.0	0.0	0.0	4.9
19	16.0	29.1	20.8	81.3	20.215	17.6	0.0	0.7	0.7	6.8
20	16.8	28.3	21.8	78.0	20.154	17.6	0.0	15.4	15.4	7.2
21	15.8	27.3	20.7	80.9	19.603	17.2	0.0	0.0	0.0	4.8
22	16.5	28.3	21.3	79.6	19.857	17.4	0.0	0.0	0.0	6.8
23	15.8	27.1	20.8	81.8	20.012	17.5	0.0	0.0	0.0	5.1
24	14.6	26.3	19.9	81.5	18.617	16.3	22.6	0.0	22.6	7.1
25	14.3	27.2	21.4	81.8	20.537	17.9	11.6	0.0	11.6	8.6
26	15.0	28.1	20.0	77.9	18.096	15.9	12.4	0.0	12.4	8.2
27	14.8	26.8	18.9	84.7	18.837	16.5	59.9	0.0	59.9	5.2
28	15.3	27.1	20.8	82.0	19.878	17.4	32.4	5.6	38.0	3.4
29	16.8	26.3	20.2	82.1	19.178	16.8	10.8	2.7	13.5	4.9
30	14.8	26.8	20.5	80.6	19.357	16.9	1.1	0.0	1.1	5.6
31	16.9	27.2	21.2	84.1	21.121	18.3	0.0	11.4	11.4	5.9
PROM.	15.9	26.8	20.5	82.9	19.897	17.4	353.2	120.2	473.4	

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.977

ALTITUD: 1.000. LATITUD 10-22 N. LONGITUD: 73-38 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	24.1	20.0	85.6	19.922	17.4	0.0	0.0	0.0	5.7
2	14.6	27.4	19.8	82.3	19.065	16.7	24.4	1.3	25.7	
3	15.8	25.2	20.1	86.7	20.435	17.8	9.1	0.6	9.7	
4	16.0	26.2	20.4	86.8	21.097	18.3	14.3	4.0	18.3	
5	16.0	27.2	20.4	82.9	19.987	17.5	25.1	0.0	25.1	
6	16.3	26.8	21.5	83.7	21.103	18.3	0.0	0.0	0.0	
7	19.0	27.2	21.3	80.8	20.496	17.9	1.4	1.0	2.4	4.1
8	17.2	25.2	20.3	80.2	19.171	16.8	0.5	0.1	0.6	5.9
9	16.0	27.2	21.0	82.3	20.474	17.8	16.1	0.0	16.1	6.2
10	14.2	26.4	19.9	84.8	19.994	17.4	33.1	1.1	34.2	7.3
11	15.6	24.1	20.3	85.8	20.397	17.8	2.6	0.1	2.7	3.7
12	17.2	26.1	19.9	82.3	19.489	17.1	36.6	0.7	37.3	5.6
13	15.3	25.6	20.3	83.8	19.776	17.3	1.8	16.4	18.2	4.9
14	16.6	26.2	20.6	81.0	19.426	17.0	1.0	17.0	18.0	3.2
15	17.0	23.2	18.7	88.5	19.141	16.8	10.3	0.0	10.3	1.9
16	14.3	26.3	21.1	82.8	20.468	17.8	0.0	0.0	0.0	6.9
17	16.3	26.8	20.4	83.2	20.346	17.7	16.2	0.0	16.2	3.7
18	15.8	26.0	20.8	83.8	20.491	17.9	1.2	0.3	1.5	6.5
19	14.5	26.1	20.5	83.0	19.774	17.3	0.0	0.0	0.0	9.7
20	14.2	26.1	21.6	81.4	20.354	17.6	0.0	0.0	0.0	9.2
21	13.3	26.5	21.1	77.8	18.901	16.6	0.0	0.0	0.0	9.5
22	14.3	26.8	20.6	80.7	19.295	16.9	9.0	4.0	13.0	7.4
23	15.4	26.5	20.1	82.1	19.277	16.9	35.2	0.0	35.2	5.9
24	15.7	27.5	20.9	76.3	18.300	16.0	0.0	0.0	0.0	9.3
25	15.6	28.0	20.9	79.7	19.341	16.9	0.0	0.0	0.0	8.1
26	16.5	25.4	20.6	86.2	20.987	18.2	10.4	0.9	11.3	1.1
27	15.0	26.5	20.5	80.9	19.185	16.8	0.0	0.0	0.0	9.2
28	13.7	26.3	20.1	78.6	18.142	15.8	0.0	0.0	0.0	10.2
29	13.7	27.3	18.9	76.9	16.592	14.5	0.0	0.0	0.0	9.7
30	12.3	25.8	18.7	77.1	16.304	14.3	0.0	0.0	0.0	9.6
PROM.	15.5	26.2	20.4	82.3	19.591	17.1	248.3	47.5	295.8	

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.8	27.1	20.2	73.6	16.597	14.5	0.0	0.0	0.0	7.9
2	12.6	27.4	20.5	75.6	17.410	15.3	0.0	0.0	0.0	5.7
3	14.1	26.4	20.8	74.2	17.352	15.2	0.0	0.0	0.0	8.7
4	12.4	27.0	21.0	74.7	17.547	15.2	0.0	0.0	0.0	9.9
5	12.3	28.6	19.3	71.9	15.348	13.3	0.0	0.0	0.0	9.3
6	13.3	28.3	20.5	71.5	16.210	14.1	0.0	0.0	0.0	9.4
7	15.1	27.0	20.5	80.8	19.116	16.7	0.0	0.0	0.0	8.3
8	16.0	27.0	20.9	78.8	19.112	16.8	0.0	0.0	0.0	8.2
9	15.3	27.0	21.2	74.7	18.138	16.0	0.0	0.0	0.0	8.9
10	14.4	26.8	21.2	73.2	17.501	15.3	0.0	0.0	0.0	7.8
11	13.6	27.2	21.8	70.4	17.159	15.0	0.0	0.0	0.0	9.7
12	14.3	26.4	20.5	80.0	18.931	16.6	1.3	0.0	1.3	6.0
13	14.1	26.6	20.6	80.7	19.315	16.9	1.5	0.0	1.5	5.2
14	14.2	26.3	20.5	79.9	18.843	16.5	0.0	0.0	0.0	7.3
15	12.7	28.0	20.1	76.3	17.285	15.1	0.0	0.0	0.0	9.4
16	12.1	27.9	19.9	71.7	15.557	13.5	0.0	0.0	0.0	9.6
17	13.4	28.7	20.6	72.5	16.710	14.7	0.0	0.0	0.0	8.5
18	14.6	27.5	20.8	79.0	19.006	16.7	0.0	0.0	0.0	6.6
19	13.8	27.0	20.0	76.5	17.357	15.3	0.0	0.0	0.0	8.2
20	13.0	26.9	19.5	72.2	15.741	13.7	0.0	0.0	0.0	8.5
21	12.0	28.1	19.1	69.0	14.257	12.2	0.0	0.0	0.0	9.3
22	14.8	29.5	21.0	72.3	17.170	15.1	0.0	0.0	0.0	9.4
23	14.6	27.5	20.0	78.4	18.054	15.9	0.0	0.0	0.0	9.3
24	13.7	28.5	20.6	72.6	16.984	14.9	0.0	0.0	0.0	8.3
25	14.1	30.0	22.0	74.6	18.585	16.2	0.0	0.0	0.0	9.3
26	14.4	28.8	22.0	75.1	19.032	16.6	0.1	0.0	0.1	8.1
27	18.6	28.1	21.3	82.8	20.893	18.2	0.0	0.0	0.0	5.8
28	14.6	28.0	21.7	70.9	17.520	15.4	0.0	0.0	0.0	8.8
29	14.4	28.0	19.4	73.2	15.807	13.8	0.0	0.0	0.0	8.3
30	11.4	27.5	20.1	68.4	14.890	12.9	0.0	0.0	0.0	9.8
31	10.3	28.8	20.2	56.5	11.249	8.6	0.0	0.0	0.0	9.9
PROM.	13.7	27.7	20.6	74.3	17.248	15.0	2.9	0.0	2.9	259.4

ESTACION: PUEBLO BELLO MUNICIPIO PUEBLO BELLO AÑO: 1.977

ALTITUD: 1.000 LATITUD: 10-22 N. LONGITUD: 73-38 W.

MESES	TEMPERATURA oC					Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	13.1	27.6	20.0	8.4	30.0	70.2	15.679	13.5	2.1	1	259.2
FEBRERO	12.3	28.3	20.5	9.0	30.0	69.9	15.846	13.8	1.8	1	240.1
MARZO	13.1	28.6	21.2	10.5	31.5	69.4	16.550	14.5	2.5	3	222.8
ABRIL	14.2	27.2	20.4	11.1	29.3	74.8	17.316	15.1	82.4	10	204.4
MAYO	15.1	26.7	20.4	11.8	29.0	81.5	19.434	17.0	284.7	19	146.2
JUNIO	16.3	26.3	20.8	14.9	28.6	82.6	20.237	17.6	165.7	11	175.7
JULIO	16.1	28.3	22.1	13.8	32.1	74.3	19.121	16.7	82.5	5	
AGOSTO	15.4	27.3	20.9	13.6	30.0	83.3	20.451	17.8	241.1	18	198.8
SEPTIEMBRE	15.8	27.0	20.8	13.3	30.0	81.6	19.705	17.2	341.5	17	187.5
OCTUBRE	15.9	26.8	20.5	14.2	29.1	82.9	19.897	17.4	473.4	23	
NOVIEMBRE	15.5	26.2	20.4	12.3	28.0	82.3	19.591	17.1	295.8	18	
DICIEMBRE	13.7	27.7	20.6	10.3	30.0	74.3	17.248	15.0	2.9	3	259.4
PROMEDIO	14.7	27.3	20.7	11.9	29.8	77.3	18.423	16.1			
TOTAL									1576.4	129	

ESTACION: MONTELIBANO MUNICIPIO: YACOPI AÑO: 1.977

ALTITUD: 1.340 LATITUD: 5-28 N. LONGITUD: 74-22 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	23.5	18.9	83.2	17.859	15.7	0.0	0.3	0.3	9.0
2	16.4	25.0	20.2	81.4	19.031	16.7	0.0	0.0	0.0	7.8
3	16.4	24.5	20.2	82.0	19.165	16.8	0.0	0.0	0.0	6.0
4	16.5	24.9	19.6	82.4	18.815	16.5	0.0	0.0	0.0	6.1
5	15.0	28.0	22.2	57.6	14.066	11.7	0.0	0.0	0.0	10.0
6	15.5	26.0	21.2	79.7	19.411	17.0	0.0	0.0	0.0	9.3
7	16.5	24.0	19.8	84.1	19.101	16.8	0.0	0.0	0.0	7.1
8	16.5	25.0	20.6	69.6	16.313	14.3	0.0	0.0	0.0	9.1
9	16.0	26.0	20.4	77.0	18.084	15.9	0.0	0.0	0.0	5.5
10	16.5	23.6	19.8	80.5	18.255	16.0	0.0	0.0	0.0	7.6
11	16.0	24.0	19.1	79.4	17.292	15.2	0.0	0.0	0.0	6.6
12	15.5	23.5	19.6	78.0	17.240	15.2	0.0	0.0	0.0	6.7
13	15.5	24.0	20.5	76.6	17.933	15.8	0.0	0.0	0.0	6.2
14	15.5	25.0	20.0	77.3	17.699	15.5	0.0	0.0	0.0	5.3
15	16.5	26.0	21.0	81.0	19.914	17.4	0.0	0.0	0.0	8.2
16	16.5	26.5	20.8	74.8	17.920	15.6	0.0	0.7	0.7	6.2
17	16.5	25.0	20.9	81.4	20.210	17.7	0.0	0.0	0.0	4.1
18	16.5	24.5	19.7	82.2	18.674	16.4	0.0	0.0	0.0	5.7
19	16.0	22.0	18.0	83.3	17.016	14.9	0.0	1.5	1.5	4.6
20	15.0	20.6	18.1	88.4	18.187	16.0	0.0	0.5	0.5	4.7
21	15.0	22.0	18.1	84.1	17.263	15.1	0.0	0.0	0.0	5.0
22	15.5	23.0	18.5	85.1	18.111	15.9	0.0	0.0	0.0	7.9
23	15.5	23.6	20.9	72.9	17.605	15.5	0.0	0.0	0.0	7.9
24	16.8	25.0	20.1	77.1	17.997	15.8	0.0	0.0	0.0	3.3
25	16.0	21.5	18.3	85.5	17.997	15.8	0.0	0.0	0.0	1.5
26	16.1	24.0	19.8	84.5	19.388	17.0	0.1	0.4	0.5	6.3
27	15.5	24.0	19.6	81.3	18.359	16.2	0.0	0.0	0.0	4.5
28	15.5	25.0	20.3	79.6	18.682	16.4	0.0	0.0	0.0	8.6
29	16.5	24.0	20.0	81.1	18.675	16.4	0.0	0.0	0.0	8.8
30	16.5	24.0	20.0	76.6	17.978	15.8	0.0	3.7	3.7	8.2
31	17.0	24.0	20.3	79.2	18.537	16.3	0.0	0.0	0.0	5.0
PROM.	16.0	24.2	19.9	79.6	18.154	15.9	0.1	7.1	7.2	202.8

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	25.6	20.9	81.5	19.769	17.1	0.1	0.0	0.1	6.1
2	18.0	25.5	21.7	81.6	20.666	17.9	0.5	0.0	0.5	5.1
3	18.0	27.6	22.9	69.7	18.450	16.1	0.0	0.0	0.0	8.7
4	18.0	29.5	22.7	72.9	19.426	16.9	0.0	0.0	0.0	7.0
5	18.0	28.5	22.0	82.2	21.327	18.4	0.2	11.0	11.2	5.8
6	18.6	26.3	22.1	82.7	21.768	18.9	0.0	0.0	0.0	4.8
7	16.5	24.0	19.6	66.0	19.536	17.1	3.9	0.0	3.9	0.2
8	15.0	27.0	21.8	78.4	19.631	17.1	0.1	0.0	0.1	7.7
9	17.6	28.0	22.8	76.4	20.403	17.6	0.0	0.0	0.0	8.6
10	17.5	27.0	21.5	79.6	19.930	17.3	0.0	21.5	21.5	6.7
11	15.5	23.5	19.4	86.3	19.369	17.0	1.0	0.0	1.0	4.6
12	16.0	23.0	18.6	86.5	18.481	16.2	7.2	1.3	8.5	3.2
13	15.0	24.6	20.2	85.9	20.084	17.5	2.6	0.0	2.6	4.8
14	16.8	25.0	19.9	90.7	20.620	18.1	0.2	16.5	16.7	5.4
15	16.0	25.0	19.5	85.4	19.158	16.8	6.4	0.0	6.4	5.0
16	16.3	23.3	19.1	83.5	18.352	16.1	0.0	0.2	0.2	4.2
17	16.3	23.0	19.3	89.4	19.988	17.5	12.0	0.0	12.0	4.8
18	16.0	26.5	21.8	72.0	17.859	15.7	0.0	8.7	8.7	7.6
19	15.4	23.0	19.6	83.6	18.879	16.5	7.2	1.7	8.9	6.5
20	15.5	22.0	18.2	93.5	19.548	17.1	0.0	0.0	0.0	7.6
21	16.3	22.0	19.5	84.2	18.734	16.5	5.8	0.0	5.8	0.0
22	16.6	25.5	20.6	79.2	18.950	16.7	0.0	0.0	0.0	5.4
23	18.0	28.3	23.0	77.9	21.288	18.5	0.2	18.1	18.3	6.7
24	17.3	28.0	23.0	73.2	19.844	17.3	0.0	0.0	0.0	4.9
25	18.0	24.5	20.1	86.6	20.654	18.0	0.0	0.0	0.0	8.7
26	18.0	26.4	21.4	79.0	19.915	17.4	0.2	10.5	10.7	7.6
27	17.8	26.0	21.3	85.7	21.430	18.6	0.0	3.6	3.6	4.6
28	17.5	26.0	22.3	78.5	20.705	17.9	0.0	0.0	0.0	7.0
PROM.	16.9	25.5	20.9	81.8	19.819	17.3	47.6	93.1	140.7	159.3

ESTACION: MONTELIBANO MUNICIPIO: YACCPI AÑO: 1.977

ALTITUD: 1.340 LATITUD: 5-28 N. LONGITUD: 74-22 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	24.0	20.5	91.4	22.069	19.1	0.0	32.8	32.8	3.3
2	15.0	25.0	20.8	86.2	20.810	18.1	0.0	0.0	0.0	6.3
3	16.0	26.0	21.2	78.3	19.167	16.8	0.0	0.0	0.0	6.9
4	17.1	28.0	22.9	67.9	17.989	15.6	0.0	0.0	0.0	9.9
5	17.6	28.4	23.2	67.1	18.159	15.9	0.0	0.0	0.0	9.0
6	18.3	27.0	21.2	79.0	20.041	17.5	0.0	0.0	0.0	5.3
7	16.8	28.8	22.3	68.3	17.065	14.2	0.0	0.0	0.0	10.6
8	17.8	29.9	23.9	39.6	11.827	9.3	0.0	0.0	0.0	10.3
9	18.5	28.0	22.3	70.3	18.936	16.5	0.0	0.0	0.0	5.5
10	18.0	29.5	23.3	68.0	18.437	16.0	0.0	0.0	0.0	9.7
11	18.0	29.4	22.1	66.3	17.299	15.1	0.0	0.0	0.0	7.0
12	17.6	25.0	19.2	86.1	19.282	16.9	0.7	25.8	26.5	3.5
13	15.0	23.0	19.8	84.6	19.167	16.8	0.0	0.0	0.0	5.5
14	16.6	22.5	19.4	89.0	19.692	17.2	0.0	0.0	0.0	4.2
15	16.5	24.0	19.9	89.0	20.489	17.9	0.2	12.9	13.1	3.3
16	15.0	20.0	17.4	98.4	19.289	16.9	4.2	0.1	4.3	1.2
17	16.0	23.5	17.5	87.3	17.646	15.6	21.2	0.0	21.2	3.0
18	16.5	24.5	18.7	83.2	18.193	16.0	2.2	1.1	3.3	5.4
19	15.0	22.2	18.7	91.8	19.566	17.2	1.5	5.7	7.2	3.4
20	15.8	25.3	19.6	87.8	19.830	17.3	0.0	45.3	45.3	5.7
21	15.5	26.0	21.2	80.7	20.213	17.6	0.0	0.1	0.1	7.9
22	15.5	23.0	19.6	86.9	19.576	17.2	0.0	0.0	0.0	2.8
23	16.0	22.5	19.4	89.2	19.971	17.5	0.0	0.0	0.0	5.9
24	16.0	22.0	18.6	90.8	19.529	17.1	0.0	0.0	0.0	3.6
25	16.0	22.3	19.3	89.9	20.037	17.5	0.0	5.3	5.3	1.2
26	15.0	22.0	19.3	87.6	19.412	17.0	0.7	0.0	0.7	3.0
27	15.6	24.3	19.1	90.3	20.003	17.5	3.2	20.2	23.4	5.0
28	14.7	21.1	17.3	96.4	19.175	16.8	1.9	3.4	5.3	0.8
29	14.5	24.0	19.4	85.4	18.758	16.4	0.8	9.0	9.8	5.6
30	15.0	20.6	17.8	92.8	18.716	16.4	4.1	0.0	4.1	2.1
31	15.0	20.3	17.8	91.6	18.706	16.5	0.0	5.1	5.1	1.0
PROM.	16.3	24.6	20.1	82.6	19.002	16.6	40.7	166.8	207.5	157.9

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.3	20.5	17.4	93.4	18.589	16.3	0.0	0.0	0.0	2.1
2	15.1	22.0	18.8	87.8	18.790	16.5	0.0	0.0	0.0	5.6
3	16.0	22.0	19.1	87.7	19.229	16.9	0.0	16.7	16.7	3.6
4	14.6	22.6	18.1	80.7	16.325	14.3	1.3	0.0	1.3	3.0
5	15.5	24.5	20.4	80.3	18.783	16.4	0.0	8.4	8.4	6.6
6	14.5	22.0	18.7	85.8	18.164	16.0	1.0	0.3	1.3	2.7
7	15.6	24.5	19.0	91.0	20.188	17.6	0.5	10.0	10.5	3.1
8	15.0	21.4	18.7	91.8	19.612	17.2	0.1	0.0	0.1	6.5
9	16.3	23.6	20.0	86.9	20.217	17.7	0.0	1.4	1.4	1.7
10	16.5	23.0	19.8	88.7	20.292	17.7	0.0	3.1	3.1	4.0
11	16.8	25.0	21.6	87.9	22.690	19.5	1.0	0.0	1.0	2.6
12	17.0	23.0	19.7	92.7	21.438	18.6	0.0	0.0	0.0	1.2
13	16.0	25.0	21.1	89.2	21.856	18.8	0.0	0.0	0.0	6.8
14	17.0	25.0	20.1	88.9	20.738	18.1	3.6	0.0	3.6	2.5
15	17.1	28.6	22.1	84.1	21.945	18.9	0.0	0.0	0.0	9.7
16	19.0	27.3	22.1	73.6	19.272	16.8	0.0	0.0	0.0	2.3
17	19.0	25.0	20.4	88.7	21.330	18.5	0.1	0.0	0.1	5.8
18	17.9	23.5	20.2	86.6	20.207	17.6	0.0	0.0	0.0	7.5
19	16.6	25.3	19.8	87.1	19.789	17.3	0.0	0.0	0.0	2.7
20	16.3	24.8	20.0	88.1	20.433	17.8	0.0	0.0	0.0	4.2
21	19.3	22.6	20.1	93.8	22.113	19.1	1.5	6.9	8.4	0.7
22	16.4	24.5	20.0	84.2	19.666	17.1	0.0	0.0	0.0	5.2
23	18.4	23.0	19.7	87.8	20.223	17.7	6.5	40.5	47.0	1.0
24	17.3	24.3	19.6	81.5	18.747	16.5	0.0	2.0	2.0	4.3
25	17.3	26.4	21.3	74.7	18.750	16.4	0.0	20.2	20.2	8.3
26	16.4	23.8	17.6	98.7	19.600	17.2	0.0	0.3	0.3	2.3
27	17.3	23.3	19.7	84.5	19.567	17.1	0.0	0.0	0.0	5.8
28	16.6	24.5	20.1	83.5	19.316	16.9	0.0	0.0	0.0	2.0
29	16.0	24.1	19.0	83.5	18.412	16.2	11.6	15.0	26.6	4.0
30	16.0	23.0	17.9	90.1	18.281	16.1	0.0	0.0	0.0	2.9
PROM.	16.6	23.9	19.7	86.8	19.819	17.3	27.2	124.8	152.0	120.7

ESTACION: MONTELIBANO MUNICIPIO: YACOPI AÑO: 1.977

ALTITUD: 1.340 LATITUD: 5-28 N. LONGITUD: 74-22 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	24.3	19.6	84.3	19.322	17.0	0.0	0.0	0.0	5.4
2	17.0	23.3	20.1	83.9	19.518	17.1	0.0	1.9	1.9	2.5
3	16.0	25.3	20.5	84.4	20.061	17.5	0.0	0.0	0.0	5.8
4	16.0	23.6	18.6	90.4	19.787	17.3	2.1	14.4	16.5	5.2
5	14.0	21.5	17.5	87.1	17.355	15.3	0.0	0.0	0.0	6.1
6	14.6	22.3	17.4	90.6	18.091	15.9	1.1	0.1	1.2	2.5
7	14.0	23.4	18.2	89.4	18.405	16.2	0.0	6.4	6.4	5.7
8	15.1	24.0	18.9	89.1	19.672	17.2	3.0	0.0	3.0	5.5
9	16.0	24.6	19.8	89.7	20.574	17.9	0.0	0.0	0.0	2.6
10	16.1	22.2	18.6	93.3	20.053	17.6	0.0	0.1	0.1	1.7
11	16.5	22.0	18.1	93.2	19.509	17.1	1.4	0.2	1.6	1.5
12	16.0	23.4	19.2	85.4	18.768	16.5	0.8	0.0	0.8	3.6
13	15.5	25.8	20.3	76.4	17.989	15.8	0.0	0.0	0.0	5.8
14	17.0	22.0	18.3	94.6	20.243	17.7	10.1	6.5	16.6	0.4
15	15.6	21.0	18.2	94.7	19.835	17.3	1.8	5.1	6.9	0.7
16	14.6	23.0	19.1	87.1	18.950	16.6	12.4	0.0	12.4	3.1
17	16.2	26.0	19.1	79.7	17.943	15.8	10.9	0.0	10.9	5.3
18	16.1	24.1	19.8	89.1	20.436	17.8	0.0	0.0	0.0	4.4
19	16.7	26.0	20.5	85.1	20.153	17.6	0.0	0.0	0.0	2.3
20	16.2	25.5	21.0	71.0	17.232	15.0	0.0	0.0	0.0	7.1
21	16.2	23.1	19.3	88.0	19.596	17.2	0.0	1.4	1.4	1.6
22	16.6	24.9	19.6	85.6	19.778	17.3	32.5	0.0	32.5	3.2
23	16.2	20.0	17.3	94.8	19.087	16.8	13.1	0.0	13.1	0.8
24	12.8	23.3	17.9	85.3	17.356	15.2	0.8	0.5	1.3	6.5
25	15.0	22.3	17.0	90.5	18.093	15.9	12.9	0.1	13.0	2.1
26	14.0	24.5	19.7	85.6	19.216	16.9	0.0	0.5	0.5	1.7
27	15.6	22.2	17.9	92.7	19.185	16.8	14.6	1.6	16.2	6.9
28	15.4	22.2	18.4	90.7	19.049	16.7	1.6	1.5	3.1	1.3
29	15.3	24.5	19.7	72.5	16.029	14.0	0.0	0.0	0.0	3.7
30	16.0	26.5	21.1	76.7	18.994	16.6	0.0	0.0	0.0	6.2
31	16.0	21.2	19.5	89.8	20.101	17.6	0.0	0.8	0.8	3.3
PROM.	15.7	23.5	19.0	86.8	19.045	16.7	119.1	41.1	160.2	114.5

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	24.0	18.8	82.3	18.374	16.1	3.2	6.0	9.2	5.1
2	14.1	22.0	17.4	84.9	16.687	14.6	1.0	51.2	52.2	4.0
3	14.0	22.3	17.9	87.5	17.826	15.6	1.0	0.3	1.3	3.7
4	15.4	24.0	19.1	88.3	19.410	17.0	0.1	6.4	6.5	7.5
5	15.5	23.4	19.1	81.8	18.324	16.1	1.2	1.0	2.2	4.0
6	15.6	26.3	19.7	82.3	19.322	16.9	0.0	17.1	17.1	4.7
7	15.0	23.6	19.0	92.7	20.090	17.4	0.2	2.0	2.2	4.7
8	14.3	22.0	18.4	86.0	17.792	15.6	0.0	0.0	0.0	5.2
9	15.1	23.0	19.6	85.4	19.129	16.8	0.0	0.0	0.0	3.6
10	15.0	24.6	17.1	85.9	17.218	15.1	3.9	0.7	4.6	5.1
11	14.0	25.0	18.7	81.0	17.437	15.2	0.0	6.3	6.3	8.0
12	14.0	24.0	18.7	78.3	17.040	15.0	3.7	12.4	16.1	5.1
13	15.1	23.0	18.5	86.5	18.675	16.4	6.7	0.3	7.0	3.2
14	14.5	24.5	18.9	83.0	17.988	15.8	0.0	0.0	0.0	5.9
15	15.3	24.7	19.9	82.8	18.800	16.5	0.6	0.0	0.6	5.5
16	18.0	26.2	20.7	73.2	18.208	15.8	0.0	0.0	0.0	6.5
17	16.6	26.3	21.5	57.0	14.595	12.6	0.0	0.0	0.0	7.0
18	14.7	26.3	18.3	75.4	16.468	14.5	40.0	0.0	40.0	8.1
19	14.0	26.0	19.9	64.4	15.138	13.1	0.5	0.0	0.5	6.3
20	17.1	23.6	19.5	83.7	19.169	16.8	0.6	0.2	0.8	3.9
21	15.1	21.7	17.1	84.5	16.574	14.6	0.0	0.0	0.0	1.9
22	14.6	25.3	19.1	78.4	17.584	15.4	13.4	0.0	13.4	9.3
23	16.0	25.0	19.6	89.5	20.478	17.9	0.0	4.1	4.1	6.7
24	16.3	26.0	20.3	81.9	19.195	16.8	0.4	0.0	0.4	6.5
25	16.0	26.0	21.6	73.7	18.183	16.0	0.2	0.5	0.7	10.3
26	15.6	27.0	20.4	77.2	18.376	16.1	0.2	0.0	0.2	7.3
27	16.3	26.5	20.7	77.7	18.648	16.6	0.6	0.0	0.6	9.1
28	16.6	26.5	20.9	70.3	17.249	15.2	0.0	0.6	0.6	4.2
29	16.5	22.6	18.9	87.9	19.482	17.1	0.9	0.0	0.9	1.5
30	17.5	25.5	20.5	86.0	20.781	18.1	4.7	10.0	14.7	4.7
PROM.	15.5	24.6	19.3	81.0	18.151	15.9	85.1	119.1	202.2	168.6

ESTACION: MONTELIBANO MUNICIPIO: YACCPI AÑO: 1.977

ALTITUD: 1.340 LATITUD: 5-28 N. LONGITUD: 74-22 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	22.3	18.4	86.8	18.258	16.1	4.2	0.0	4.2	2.7
2	16.0	26.2	20.9	80.4	19.709	17.2	0.5	1.5	2.0	7.3
3	16.3	26.5	21.6	82.3	20.970	18.3	0.0	1.6	1.6	9.3
4	16.5	25.0	21.0	82.1	20.570	18.0	0.0	0.0	0.0	7.1
5	17.3	25.2	20.9	80.8	20.168	17.6	7.4	9.5	16.9	5.0
6	16.5	23.1	19.2	90.4	20.086	17.6	3.2	3.2	6.4	3.8
7	16.0	22.0	19.1	87.7	19.381	17.0	5.1	0.0	5.1	1.5
8	16.2	24.2	19.4	87.7	19.585	17.1	0.0	7.8	7.8	4.5
9	16.0	23.4	18.0	83.5	17.782	15.6	22.7	0.1	22.8	4.4
10	15.0	25.9	19.4	77.7	17.430	15.3	24.5	0.0	24.5	6.9
11	17.0	26.7	22.0	56.8	14.272	12.0	0.0	0.0	0.0	10.7
12	18.5	25.0	21.6	56.6	14.596	12.6	0.0	0.0	0.0	7.2
13	17.8	26.7	21.6	69.9	18.084	15.8	0.0	0.0	0.0	9.9
14	17.8	26.4	20.8	74.8	18.545	16.3	0.0	0.0	0.0	6.1
15	18.3	26.3	20.6	83.8	20.421	17.8	2.6	23.6	26.2	3.5
16	15.1	24.6	19.3	82.7	18.308	16.1	0.0	0.0	0.0	6.0
17	16.9	29.0	23.2	58.2	15.728	13.7	0.0	0.0	0.0	8.8
18	17.6	27.7	22.5	47.0	12.732	10.4	0.0	0.0	0.0	6.0
19	17.8	28.6	21.7	73.0	18.675	16.5	0.0	0.0	0.0	7.5
20	16.3	27.9	21.7	67.6	16.643	14.6	0.0	0.0	0.0	10.3
21	18.0	28.6	23.5	53.9	15.101	13.1	0.0	0.0	0.0	11.8
22	18.4	29.9	23.2	57.2	16.082	14.1	0.0	0.0	0.0	9.8
23	17.7	27.6	20.7	81.3	19.831	17.4	13.0	19.4	32.4	7.2
24	16.4	26.9	21.8	65.8	17.070	15.0	0.0	1.0	1.0	7.5
25	17.8	25.0	19.8	81.0	18.654	16.4	1.9	10.1	12.0	5.8
26	14.0	24.0	18.9	87.7	18.914	16.6	0.5	20.3	20.8	2.7
27	14.8	21.0	17.0	92.4	17.744	15.6	0.0	10.1	10.1	1.1
28	14.0	26.0	20.1	73.3	16.535	14.4	0.0	0.0	0.0	8.4
29	18.0	29.3	23.5	45.4	13.052	10.9	0.0	0.0	0.0	10.9
30	18.0	28.8	23.6	45.1	12.771	10.6	0.0	0.0	0.0	10.6
31	16.0	25.4	18.8	77.8	17.187	15.1	11.7	0.5	12.2	3.2
PROM.	16.7	26.0	20.8	73.2	17.583	15.3	97.3	108.7	206.0	207.5

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	24.0	19.3	84.7	18.617	16.4	0.3	0.1	0.4	4.7
2	16.9	24.7	19.7	88.1	19.958	17.5	4.4	0.0	4.4	5.7
3	17.0	26.0	20.9	71.3	17.809	15.6	0.2	0.0	0.2	7.2
4	16.6	26.0	20.9	68.7	16.238	13.4	0.0	0.0	0.0	5.6
5	16.0	26.0	19.2	86.1	19.330	17.0	12.3	0.0	12.3	4.2
6	17.0	24.3	19.9	86.3	20.105	17.6	8.5	2.4	10.9	5.6
7	16.1	23.4	18.2	86.0	18.275	16.1	24.2	0.5	24.7	1.7
8	16.2	25.0	18.5	80.5	17.694	15.6	15.4	0.0	15.4	5.8
9	15.5	23.1	17.8	87.6	18.116	16.0	5.0	0.0	5.0	3.4
10	14.7	25.0	19.9	84.1	19.255	16.9	0.0	0.0	0.0	6.8
11	16.5	25.0	20.2	83.4	19.721	17.3	0.0	0.0	0.0	5.8
12	16.0	25.5	18.9	86.3	19.472	17.1	36.5	7.4	43.9	5.1
13	14.8	25.0	20.7	75.5	17.787	15.7	0.0	3.6	3.6	10.0
14	16.2	24.0	19.1	91.7	20.511	17.9	5.7	0.0	5.7	2.7
15	17.3	25.0	20.2	85.4	20.361	17.8	0.0	3.0	3.0	5.8
16	15.3	22.0	19.3	75.5	16.381	14.3	5.5	0.0	5.5	0.3
17	15.7	26.0	21.0	67.7	15.997	13.5	0.0	0.0	0.0	8.6
18	16.0	25.0	20.3	84.2	19.858	17.4	0.0	0.0	0.0	5.9
19	16.0	25.8	20.7	76.4	17.973	15.8	0.0	8.0	8.0	3.4
20	14.8	24.9	19.8	81.7	18.663	16.3	21.7	8.3	30.0	3.3
21	15.6	22.6	18.1	87.5	17.784	15.7	6.3	0.0	6.3	2.3
22	16.8	26.0	21.0	68.9	16.744	14.6	0.0	0.0	0.0	9.7
23	15.3	27.4	21.7	64.4	16.382	14.4	0.0	0.0	0.0	10.8
24	17.8	28.3	23.1	47.7	13.391	11.2	0.0	0.0	0.0	11.1
25	18.0	27.0	21.3	60.4	15.476	13.5	0.0	0.0	0.0	5.8
26	17.0	27.0	21.0	77.1	19.584	16.9	0.0	0.0	0.0	7.6
27	18.0	26.6	21.3	69.8	17.970	15.7	0.0	0.0	0.0	8.6
28	17.0	27.7	23.0	59.7	16.038	13.9	0.0	0.0	0.0	10.4
29	17.2	28.0	22.1	59.5	15.810	13.8	0.0	0.4	0.4	7.7
30	16.0	27.0	21.0	79.1	18.972	16.6	0.0	0.0	0.0	8.0
31	16.0	24.8	20.8	54.8	13.101	10.9	0.0	0.0	0.0	2.2
PROM.	16.3	25.4	20.3	76.1	17.851	15.6	146.0	33.7	179.7	185.8

ESTACION: MONTELIBANO MUNICIPIO: YACOPI AÑO: 1.977

ALTITUD: 1.340 LATITUD: 5-28 N. LONGITUD: 74-22 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	26.0	21.1	60.3	15.253	13.2	0.2	0.0	0.2	6.6
2	17.2	27.1	22.4	43.0	11.285	8.7	0.0	0.0	0.0	7.1
3	16.7	26.3	20.3	76.0	18.002	15.8	0.8	0.0	0.8	6.5
4	16.4	26.3	21.4	68.4	17.411	15.3	0.0	1.9	1.9	7.7
5	15.1	26.3	21.1	65.7	16.441	14.4	0.0	0.0	0.0	8.2
6	17.6	28.6	22.8	51.6	14.339	12.3	0.0	0.0	0.0	10.4
7	18.6	30.0	23.9	40.4	11.905	9.5	0.0	0.0	0.0	10.7
8	20.0	29.3	23.5	49.2	14.304	12.2	0.0	0.0	0.0	7.9
9	19.0	28.5	22.9	60.4	16.724	14.6	0.0	0.0	0.0	5.3
10	18.6	27.9	22.5	56.6	15.369	13.4	0.0	0.0	0.0	4.5
11	18.6	28.9	23.6	55.8	16.563	14.5	0.0	0.0	0.0	7.6
12	18.7	27.1	21.7	68.7	17.893	15.6	0.0	3.2	3.2	5.6
13	15.3	24.0	19.2	79.7	17.480	15.3	0.0	0.0	0.0	3.3
14	15.0	23.0	18.5	82.6	17.509	15.4	5.2	0.0	5.2	1.0
15	14.0	24.2	19.1	87.6	19.158	16.8	0.0	0.0	0.0	5.2
16	15.3	27.0	21.1	69.4	16.740	14.7	0.0	0.0	0.0	6.2
17	16.4	28.7	21.2	77.5	18.877	16.4	0.0	23.1	23.1	3.1
18	14.6	27.0	18.4	83.7	17.992	15.8	25.8	5.9	31.7	6.9
19	14.5	26.5	21.1	75.9	18.627	16.4	0.0	39.1	39.1	9.1
20	14.4	26.0	20.5	83.5	19.742	17.2	0.0	1.3	1.3	6.0
21	15.3	24.0	18.8	89.0	19.436	17.0	2.5	0.0	2.5	7.0
22	15.8	23.5	19.5	77.7	17.266	15.0	14.5	1.0	15.5	3.5
23	15.4	23.5	18.6	89.8	19.447	17.1	1.3	0.0	1.3	0.9
24	16.0	26.0	20.4	85.9	20.370	17.8	0.0	40.2	40.2	5.6
25	14.5	26.4	20.7	78.4	18.611	16.2	0.0	3.8	3.8	7.1
26	15.2	23.6	19.1	86.8	19.035	16.7	0.1	0.0	0.1	5.0
27	16.3	21.0	18.0	91.9	19.076	16.8	0.8	3.8	4.6	0.6
28	16.0	25.4	19.5	79.6	17.522	15.3	0.0	2.1	2.1	4.4
29	16.5	25.2	19.5	80.2	18.227	16.0	12.9	0.0	12.9	2.5
30	15.0	25.5	20.0	84.8	19.547	17.1	0.0	16.1	16.1	7.8
PROM.	16.3	26.1	20.7	72.7	17.338	15.1	64.1	141.5	205.6	173.3

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	22.7	18.7	90.7	19.449	17.1	1.0	1.0	2.0	1.7
2	17.0	25.3	20.2	85.2	20.130	17.6	0.2	0.0	0.2	3.1
3	17.0	27.3	21.6	79.4	19.577	17.4	0.0	0.0	0.0	8.3
4	17.0	27.0	19.7	82.1	19.211	16.8	4.2	11.7	15.9	5.6
5	15.1	26.0	20.6	85.1	20.521	17.9	0.0	4.2	4.2	6.4
6	14.4	25.1	20.1	83.5	19.318	16.9	0.2	5.2	5.4	4.6
7	16.0	25.0	17.9	89.2	18.844	16.5	13.5	15.4	28.9	4.7
8	16.0	24.2	20.1	85.0	19.729	17.3	0.0	14.0	14.0	4.5
9	16.0	25.0	20.2	81.5	18.961	16.6	1.1	20.9	22.0	2.5
10	16.5	23.5	19.3	93.7	20.980	18.2	0.3	14.0	14.3	4.4
11	15.0	25.0	20.1	84.6	19.704	17.2	0.0	12.1	12.1	3.8
12	15.8	24.0	20.1	87.4	20.327	17.7	0.0	13.3	13.3	3.2
13	15.4	23.0	19.2	88.3	19.494	17.0	9.4	0.0	9.4	2.0
14	16.5	27.0	20.6	67.8	16.243	14.1	40.8	7.2	48.0	4.6
15	14.0	25.0	20.1	84.7	19.696	17.2	0.0	11.7	11.7	8.8
16	15.5	26.8	20.9	81.7	20.041	17.4	0.0	3.6	3.6	7.0
17	17.0	24.5	20.2	85.8	20.169	17.6	2.3	14.7	17.0	4.7
18	15.8	24.0	18.7	88.0	18.763	16.5	0.0	0.0	0.0	2.8
19	15.6	25.3	20.3	87.6	20.600	17.9	0.0	0.0	0.0	6.2
20	15.0	27.1	21.4	63.7	15.109	13.0	0.0	0.0	0.0	7.6
21	16.0	27.0	21.3	71.9	17.336	15.0	0.0	0.0	0.0	8.4
22	16.0	27.0	20.8	77.5	18.436	16.1	0.0	0.0	0.0	8.3
23	16.8	26.7	21.3	84.6	21.097	18.3	0.0	1.4	1.4	5.9
24	15.5	24.5	20.1	85.0	20.167	17.6	2.4	9.8	12.2	5.2
25	15.0	24.8	19.4	85.9	19.225	16.9	0.0	6.5	6.5	7.4
26	16.0	22.0	18.5	87.7	18.572	16.3	1.3	12.8	14.1	0.6
27	15.0	24.0	17.8	86.1	17.855	15.7	28.5	0.4	28.9	2.5
28	14.2	21.4	18.1	89.2	18.352	16.1	0.0	0.0	0.0	0.8
29	15.0	24.1	18.9	87.3	18.977	16.6	2.2	4.4	6.6	5.7
30	16.2	24.0	18.5	88.7	18.982	16.7	15.0	0.0	15.0	4.6
31	16.0	24.5	19.4	83.6	18.976	16.7	0.5	1.8	2.3	4.7
PROM.	15.7	24.9	19.8	84.0	19.201	16.8	122.9	186.1	309.0	150.6

ESTACION: MONTELIBANO MUNICIPIO: YACCPI AÑO: 1.977

ALTITUD: 1.340 LATITUD: 5-28 N. LONGITUD: 74-22 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	24.5	19.2	87.0	19.240	16.9	0.0	0.0	0.0	2.8
2	16.8	25.2	19.0	96.0	21.370	18.5	6.4	0.0	6.4	3.9
3	17.0	26.0	20.7	87.8	21.334	18.5	0.3	13.7	14.0	5.5
4	17.0	24.4	19.6	86.9	19.946	17.4	3.6	0.8	4.4	2.4
5	16.6	25.2	20.1	85.1	19.834	17.3	0.0	31.2	31.2	5.0
6	16.4	23.6	20.1	85.3	19.743	17.3	0.4	0.0	0.4	4.1
7	17.5	23.5	19.6	89.5	20.386	17.8	0.0	3.0	3.0	4.4
8	16.5	23.5	20.4	83.4	19.839	17.3	0.0	0.6	0.6	6.5
9	17.0	23.5	20.1	86.5	20.223	17.7	0.0	0.3	0.3	5.3
10	17.0	23.0	19.3	86.0	19.410	17.0	27.7	3.4	31.1	3.0
11	16.0	23.5	20.2	84.6	19.633	17.1	0.0	1.1	1.1	1.9
12	16.8	23.5	19.9	88.0	20.214	17.7	1.1	8.3	9.4	5.7
13	16.0	23.4	20.6	87.5	20.838	18.1	7.8	23.7	31.5	1.1
14	16.0	23.0	19.3	89.4	19.952	17.4	0.4	24.2	24.6	3.0
15	16.0	21.3	18.9	88.9	19.294	16.9	0.0	0.7	0.7	2.8
16	16.5	23.5	19.7	91.8	21.224	18.4	0.0	9.7	9.7	3.0
17	16.0	23.0	19.4	89.2	20.142	17.6	8.1	18.5	26.6	2.4
18	16.0	23.5	19.4	84.5	18.771	16.4	2.1	2.3	4.4	6.0
19	17.2	23.4	19.6	85.5	19.410	17.0	0.0	0.0	0.0	8.7
20	16.0	23.3	19.3	85.9	19.128	16.8	0.0	0.0	0.0	6.4
21	16.5	23.5	20.0	86.5	20.166	17.6	0.0	0.0	0.0	6.7
22	17.6	23.5	20.4	86.2	20.548	17.9	0.0	0.0	0.0	6.0
23	17.0	24.0	19.8	89.3	20.553	17.9	0.0	1.1	1.1	5.0
24	16.5	23.0	19.6	90.5	20.445	17.8	0.0	0.0	0.0	6.2
25	17.5	23.5	19.9	87.8	20.268	17.7	9.1	4.1	13.2	5.8
26	16.5	25.4	19.8	85.0	19.893	17.4	24.7	0.0	24.7	3.2
27	16.4	25.4	19.7	84.0	19.098	16.7	0.1	0.0	0.1	5.0
28	16.5	25.0	20.9	84.9	20.614	17.9	0.0	0.0	0.0	7.0
29	16.0	25.0	21.1	83.4	20.652	17.9	0.0	0.0	0.0	7.2
30	15.5	25.5	21.1	81.4	19.960	17.5	0.0	0.0	0.0	7.8
PROM.	16.5	23.9	19.9	86.9	20.071	17.5	91.8	146.7	238.5	143.8

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	23.2	20.3	84.2	19.796	17.3	0.0	17.4	17.4	6.4
2	16.0	24.3	20.5	83.7	20.146	17.6	0.4	0.3	0.7	4.7
3	17.0	25.0	20.2	87.2	20.489	17.8	0.0	4.2	4.2	6.4
4	16.0	24.2	21.0	83.5	20.554	17.9	0.0	1.7	1.7	4.8
5	17.0	24.5	20.5	87.1	20.800	18.1	0.3	7.1	7.4	6.6
6	16.0	25.0	20.1	81.7	19.429	17.0	1.4	11.4	12.8	6.8
7	16.5	24.5	20.4	87.5	20.976	18.2	0.0	0.0	0.0	5.3
8	17.0	26.0	21.3	85.0	21.430	18.6	0.2	0.7	0.9	6.2
9	17.0	25.0	20.4	84.2	20.071	17.6	0.2	58.1	58.3	5.5
10	16.0	25.3	19.6	86.7	19.511	17.1	0.0	0.0	0.0	6.9
11	16.0	26.0	20.3	83.2	19.660	17.2	9.3	0.0	9.3	4.9
12	16.0	25.0	19.8	90.0	20.712	18.0	0.0	16.7	16.7	4.2
13	14.5	23.0	19.4	84.6	18.801	16.4	0.0	0.0	0.0	4.3
14	16.5	24.1	20.3	88.1	20.772	18.1	0.0	0.0	0.0	5.2
15	17.3	23.7	20.5	84.8	20.256	17.7	0.0	0.0	0.0	4.8
16	17.6	23.6	20.6	85.5	20.699	18.1	0.0	0.0	0.0	5.1
17	17.6	24.9	20.6	84.4	20.277	17.7	0.0	0.0	0.0	5.7
18	17.6	23.5	20.4	84.6	20.069	17.5	0.0	0.0	0.0	8.5
19	17.3	23.1	20.3	80.9	19.164	16.8	0.0	0.0	0.0	7.1
20	16.3	23.0	19.5	88.2	19.871	17.4	0.0	0.0	0.0	5.2
21	16.9	25.6	20.7	85.1	20.770	18.1	0.0	0.0	0.0	6.3
22	16.6	24.3	20.5	86.3	20.682	18.0	0.0	0.0	0.0	3.3
23	17.9	23.4	20.4	86.7	20.742	18.1	0.0	0.0	0.0	5.2
24	17.3	25.6	20.9	82.0	20.067	17.5	0.0	0.0	0.0	5.9
25	17.3	26.0	21.4	82.0	20.484	17.8	0.0	0.0	0.0	6.1
26	18.6	25.0	20.4	89.0	21.364	18.5	0.0	0.0	0.0	2.5
27	17.6	23.3	19.6	86.7	19.891	17.4	0.0	4.9	4.9	4.7
28	17.4	22.6	19.1	90.9	20.127	17.6	0.3	0.0	0.3	4.4
29	15.8	19.8	17.3	93.7	18.578	16.3	5.6	0.0	5.6	0.1
30	15.0	23.5	19.2	84.2	18.323	16.1	0.0	0.0	0.0	7.5
31	16.0	22.1	18.8	87.4	18.811	16.5	0.0	0.0	0.0	3.4
PROM.	16.7	24.1	20.1	85.8	20.107	17.5	17.7	122.5	140.2	160.0

ESTACION: MONTELIBANO MUNICIPIO YACOPI AÑO: 1.977

ALTITUD: 1.340 LATITUD: 5-28 N. LONGITUD: 74-22 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.0	24.2	19.9	15.0	28.0	79.6	18.154	15.9	7.2	6	202.8
FEBRERO	16.9	25.5	20.9	15.0	29.5	81.8	19.819	17.3	140.7	19	159.3
MARZO	16.3	24.6	20.1	14.5	29.9	82.6	19.002	16.6	207.5	16	157.9
ABRIL	16.6	23.9	19.7	14.3	28.6	86.8	19.819	17.3	152.0	17	120.7
MAYO	15.7	23.5	19.0	12.8	26.5	86.8	19.045	16.7	160.2	21	114.5
JUNIO	15.5	24.6	19.3	14.0	27.0	81.0	18.151	15.9	202.2	24	168.0
JULIO	16.7	26.0	20.8	14.0	29.9	73.2	17.583	15.3	206.0	16	207.5
AGOSTO	16.3	25.4	20.3	14.7	28.3	76.1	17.851	15.6	179.7	17	185.8
SEPTIEMBRE	16.3	26.1	20.7	14.0	30.0	72.7	17.338	15.1	205.6	19	173.3
OCTUBRE	15.7	24.9	19.8	14.0	27.3	84.0	19.201	16.8	309.0	24	150.6
NOVIEMBRE	16.5	23.9	19.9	15.5	26.0	86.9	20.071	17.5	238.5	21	143.8
DICIEMBRE	16.7	24.1	20.1	14.5	26.0	85.8	20.107	17.5	140.2	13	160.0
PROMEDIO	16.3	24.7	20.0	14.4	28.1	81.4	18.845	16.5			
TOTAL									2148.8	213	1944.8

ESTACION: MISIONES — MUNICIPIO: MESITAS COLEGIO — AÑO: 1.977

ALTITUD: 1.540 — LATITUD: 4-34 N — LONGITUD: 74 - 18W

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1										
2										
3	17.0	25.0	21.1	63.2	15.742	13.7	0.0	0.0	0.0	10.2
4	17.5	25.0	21.2	61.4	15.557	13.5	0.0	0.0	0.0	8.0
5	17.4	24.3	20.1	72.6	17.083	15.0	0.0	0.0	0.0	0.1
6	16.0	22.2	19.3	75.7	17.087	15.0	0.0	0.0	0.0	5.5
7	17.0	21.0	18.4	89.3	19.027	16.7	1.3	0.0	1.3	5.9
8	15.6	25.0	20.3	70.8	16.547	14.5	0.0	0.0	0.0	
9	17.3	24.8	21.5	70.6	17.790	15.7	0.0	0.0	0.0	6.2
10	17.3	26.1	22.4	62.7	16.703	14.7	0.0	0.0	0.0	8.5
11	18.1	23.0	20.5	77.7	18.740	16.4	0.0	0.0	0.0	5.2
12	15.1	18.2	16.9	93.9	17.977	15.8	1.0	0.0	1.0	0.1
13	17.1	24.6	20.0	72.0	16.879	14.8	0.9	0.0	0.9	6.5
14	17.2	24.0	19.4	80.8	18.264	16.0	0.8	0.0	0.8	4.7
15	17.3	23.5	19.6	78.2	17.655	15.5	0.0	0.0	0.0	3.6
16	17.0	22.6	19.5	81.4	18.202	16.0	4.1	0.0	4.1	2.5
17	17.0	21.5	18.3	87.9	18.444	16.2	0.0	0.0	0.0	1.0
18	16.8	21.0	18.8	84.4	18.379	16.1	0.0	0.0	0.0	6.7
19	16.1	22.5	19.1	79.5	17.806	15.6	0.0	0.0	0.0	4.6
20	16.3	22.5	19.3	78.0	17.411	15.3	0.0	0.0	0.0	2.7
21	17.0	22.0	19.0	82.3	18.060	15.9	0.0	3.2	3.2	2.5
22	16.8	23.5	18.9	81.9	17.752	15.6	0.0	0.0	0.0	2.8
23	17.6	25.0	21.3	64.5	16.253	14.2	0.0	5.4	5.4	7.5
24	16.3	25.0	20.9	68.7	16.992	14.9	0.0	0.6	0.6	9.6
25	16.8	21.5	17.8	77.6	15.700	13.7	2.7	0.0	2.7	2.4
26	17.0	24.5	20.8	66.7	16.262	14.2	0.3	0.0	0.3	9.8
27	16.8	25.0	20.0	70.1	16.222	14.3	0.0	0.0	0.0	6.0
28	18.1	24.0	20.3	67.4	16.148	14.1	0.0	0.0	0.0	6.8
PROM.	16.9	23.4	19.8	75.4	17.257	15.1				

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.1	25.0	20.0	68.2	15.997	14.0	0.0	0.0	0.0	3.1
2	17.1	22.5	19.8	78.2	17.976	15.7	0.4	0.0	0.4	3.1
3	17.1	23.0	20.0	73.9	17.241	15.2	0.9	0.0	0.9	2.7
4	17.0	24.0	20.8	66.7	16.259	14.2	0.0	0.0	0.0	6.0
5	17.1	26.0	21.6	67.5	17.152	15.1	0.0	0.0	0.0	4.9
6	17.6	27.6	23.1	59.0	16.556	14.5	0.0	0.0	0.0	5.0
7	17.4	27.5	23.0	56.6	16.084	14.0	0.0	0.0	0.0	10.2
8	17.1	25.0	21.7	58.0	15.058	13.1	0.0	0.0	0.0	3.2
9	18.6	26.5	22.4	59.3	16.208	14.2	0.0	0.0	0.0	2.0
10	18.1	27.0	22.8	60.1	16.482	14.5	0.4	0.0	0.4	7.6
11	17.8	27.0	23.0	59.2	16.553	14.5	0.0	0.0	0.0	6.9
12	18.4	26.0	22.8	52.7	14.490	12.5	0.0	0.0	0.0	8.4
13	15.9	24.0	19.9	77.8	18.424	16.2	34.8	0.0	34.8	3.0
14	16.1	23.0	20.1	74.3	17.601	15.5	1.3	0.0	1.3	4.6
15	15.0	22.0	20.6	82.6	19.905	17.4	0.0	10.2	10.2	0.0
16	16.8	21.5	18.1	86.7	17.868	15.7	0.2	0.0	0.2	1.0
17	17.0	24.0	20.7	73.6	17.858	15.7	0.0	6.4	6.4	2.2
18	17.4	24.5	21.1	71.5	17.847	15.7	4.0	0.0	4.0	4.1
19	17.3	24.0	20.7	75.2	18.036	15.9	0.0	0.0	0.0	2.4
20	18.3	25.5	21.9	72.5	18.812	16.5	0.0	0.2	0.2	7.0
21	18.0	26.0	22.5	64.4	17.469	15.4	0.0	0.0	0.0	7.4
22	18.6	24.5	20.8	74.3	18.504	16.2	0.0	3.5	3.5	2.9
23	18.0	24.0	20.9	82.0	20.373	17.8	0.0	0.0	0.0	2.5
24	18.4	25.0	20.3	85.6	20.325	17.7	4.1	35.2	39.3	3.5
25	17.0	24.5	20.4	77.1	18.503	16.2	0.6	25.4	26.0	2.4
26	18.6	22.6	20.8	77.4	18.867	16.6	5.4	13.0	18.4	1.2
27	18.0	25.0	21.3	74.8	18.647	16.4	0.3	0.0	0.3	4.1
28	17.0	20.6	18.6	94.7	20.318	17.7	0.8	5.2	6.0	0.0
29	15.4	21.6	18.9	87.5	18.671	16.4	0.0	3.3	3.3	1.2
30	16.0	21.0	18.7	81.8	17.875	15.7	17.3	0.7	18.0	3.4
31	16.6	21.5	18.7	84.7	18.442	16.2	0.2	0.0	0.2	3.3
PROM.	17.3	24.3	20.8	72.8	17.755	15.6	70.7	103.1	173.8	119.3

ESTACION: MISIONES MUNICIPIO: MESITAS COLEGIO AÑO: 1.977

ALTITUD: 1.540 LATITUD: 4-34 N LONGITUD: 74 - 18W

M E S - ABRIL

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	21.0	17.8	92.9	19.178	16.8	0.3	0.2	0.5	1.4
2	17.0	22.5	19.2	82.3	18.296	16.1	0.0	0.0	0.0	4.8
3	16.6	22.0	18.4	88.5	18.767	16.5	0.0	27.1	27.1	2.8
4	15.3	20.5	17.6	88.2	17.947	15.7	2.7	10.6	13.3	1.1
5	15.1	23.0	19.5	79.6	17.998	15.8	0.0	5.5	5.5	4.7
6	15.0	22.5	18.5	82.7	17.922	15.7	0.0	1.4	1.4	1.6
7	15.8	22.0	19.2	83.2	18.343	16.1	0.0	0.0	0.0	3.5
8	17.1	22.0	18.6	83.6	18.144	15.9	18.9	0.0	18.9	1.8
9	17.3	22.0	19.5	80.3	18.277	16.1	0.2	0.0	0.2	1.3
10	17.0	22.0	19.4	81.6	18.540	16.2	0.2	0.0	0.2	0.5
11	18.3	23.0	20.4	77.9	18.880	16.6	0.4	0.0	0.4	0.5
12	16.6	21.0	19.0	79.7	17.303	15.2	0.6	0.0	0.6	0.4
13	18.0	23.5	20.6	75.9	18.329	16.1	0.0	0.0	0.0	2.7
14	17.5	23.3	20.4	81.6	19.700	17.3	0.8	0.0	0.8	3.2
15	18.5	25.5	21.8	70.2	18.636	16.4	0.0	0.0	0.0	9.4
16	17.5	23.5	20.4	79.7	19.155	16.8	0.0	0.0	0.0	3.8
17	19.0	22.5	20.2	75.1	17.834	15.6	0.2	0.0	0.2	0.5
18	18.6	25.5	21.8	69.5	18.127	15.9	0.0	0.0	0.0	5.7
19	18.0	23.0	21.4	72.9	18.558	16.2	0.0	0.0	0.0	2.5
20	19.0	26.5	21.9	62.5	16.877	14.7	0.0	0.0	0.0	9.0
21	17.6	22.5	20.1	84.4	20.085	17.6	0.0	0.0	0.0	0.4
22	18.4	26.4	21.8	62.5	16.278	14.2	0.0	0.0	0.0	9.9
23	16.4	21.0	17.2	89.0	17.635	15.5	0.5	0.0	0.5	0.0
24	17.0	20.4	18.0	91.7	18.809	16.5	31.3	0.0	31.3	2.4
25	16.5	24.8	19.8	81.4	18.825	16.5	8.0	2.2	10.2	5.6
26	16.5	20.6	18.0	93.4	19.237	16.8	2.0	0.0	2.0	0.3
27	17.5	21.5	18.9	94.5	20.603	18.0	3.7	1.3	5.0	1.2
28	16.5	23.0	18.8	88.0	19.028	16.7	0.0	44.5	44.5	2.7
29	17.0	22.0	18.6	84.6	18.076	15.9	23.4	0.0	23.4	1.4
30	17.5	22.2	19.3	80.0	18.049	15.8	0.0	2.8	2.8	1.7
PROM.	17.2	22.7	19.5	81.2	18.448	16.2	93.2	95.6	188.8	86.8

M E S - MAYO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	22.5	19.5	85.4	19.277	16.9	5.4	0.0	5.4	3.8
2	17.0	23.4	19.7	87.5	20.315	17.7	0.3	0.0	0.3	3.1
3	18.0	23.5	20.8	83.2	20.320	17.8	0.4	0.2	0.6	3.1
4	18.5	24.5	20.6	74.4	18.536	16.3	0.1	0.5	0.6	7.4
5	16.5	21.5	18.7	85.9	18.446	16.2	0.0	0.0	0.0	1.6
6	17.0	22.0	18.8	83.7	18.047	15.8	0.0	17.5	17.5	1.2
7	16.8	22.0	19.8	74.7	16.997	14.9	0.0	0.0	0.0	0.4
8	17.8	22.0	19.9	75.6	17.579	15.5	0.6	0.0	0.6	2.8
9	17.5	22.6	19.9	75.7	17.993	15.7	0.0	0.0	0.0	2.1
10	17.5	24.0	20.4	78.4	18.695	16.4	0.0	0.0	0.0	4.0
11	19.0	22.0	20.5	76.6	18.377	16.2	0.0	1.1	1.1	0.7
12	16.5	22.0	19.6	83.1	18.852	16.5	0.0	0.0	0.0	0.9
13	18.4	22.8	21.0	72.8	18.175	16.0	0.0	0.0	0.0	3.8
14	18.8	22.2	19.2	79.7	17.913	15.7	1.2	0.0	1.2	0.0
15	15.1	20.5	17.4	83.1	16.667	14.6	3.0	0.0	3.0	0.0
16	16.6	21.8	19.4	82.0	18.341	16.1	0.0	19.0	19.0	0.9
17	17.1	23.5	20.1	77.2	18.245	16.1	0.7	0.0	0.7	3.5
18	18.0	22.9	20.0	76.8	18.035	15.8	1.4	0.0	1.4	4.0
19	18.6	24.3	20.1	84.3	19.900	17.4	0.4	0.2	0.6	5.8
20	18.0	22.3	19.7	82.5	19.029	16.7	0.0	0.0	0.0	1.9
21	16.5	22.5	19.7	74.8	17.497	15.3	0.0	0.0	0.0	3.5
22	17.0	22.0	19.3	79.5	17.744	15.6	9.1	0.0	9.1	2.1
23	17.0	20.0	17.7	81.5	16.719	14.7	11.7	0.0	11.7	2.3
24	16.5	22.0	18.8	78.7	16.880	14.8	1.0	0.0	1.0	0.0
25	16.5	20.8	18.4	87.8	18.584	16.3	2.0	0.0	2.0	0.4
26	16.5	24.3	19.6	80.1	18.412	16.2	0.0	0.9	0.9	5.4
27	16.2	20.5	19.1	81.5	18.056	15.9	1.0	0.0	1.0	0.2
28	16.5	23.6	19.4	76.3	17.269	15.2	0.7	0.0	0.7	2.3
29	15.8	20.0	17.4	83.0	16.400	14.4	3.3	0.0	3.3	0.1
30	16.5	22.6	19.2	77.9	17.587	15.5	0.0	0.0	0.0	0.9
31	16.5	22.4	19.6	79.0	17.512	15.4	0.0	0.0	0.0	2.1
PROM.	17.1	22.4	19.5	80.1	18.142	15.9	42.3	39.4	81.7	70.3

ESTACION: MISIONES MUNICIPIO: MESITAS COLEGIO AÑO: 1.977

ALTITUD: 1.540 LATITUD: 4-34 N LONGITUD: 74 - 18W

M E S – JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.0	24.0	21.0	69.9	17.405	15.3	0.3	36.3	36.6	3.6
2	15.5	21.0	18.4	88.3	18.695	16.4	0.6	0.7	1.3	0.2
3	15.6	23.0	19.1	87.1	19.223	16.9	0.4	0.0	0.4	4.9
4	16.0	21.0	18.7	77.6	16.735	14.7	10.4	0.0	10.4	2.8
5	16.3	23.0	19.0	86.9	19.110	16.8	0.5	0.0	0.5	2.7
6	17.5	21.4	19.4	81.9	18.200	16.0	0.0	5.0	5.0	1.5
7	17.0	22.2	18.8	84.7	18.505	16.3	1.1	13.1	14.2	2.3
8	14.9	20.8	18.1	80.7	16.556	14.5	0.0	0.0	0.0	2.6
9	16.8	23.0	19.4	73.7	16.819	14.6	0.0	0.0	0.0	4.1
10	18.0	22.0	19.0	78.3	17.577	15.4	0.8	0.0	0.8	4.4
11	16.8	23.0	20.1	71.7	16.816	14.8	0.0	1.1	1.1	3.7
12	15.8	19.0	18.1	79.0	16.187	14.2	0.2	2.1	2.3	2.6
13	15.0	21.0	18.4	77.4	16.189	14.2	0.0	0.0	0.0	3.7
14	16.0	21.0	18.5	77.2	16.419	14.4	0.2	0.0	0.2	2.1
15	15.5	21.0	19.0	72.0	15.894	13.8	0.0	0.0	0.0	3.7
16	17.0	23.0	19.5	75.1	17.296	15.2	0.0	0.0	0.0	3.6
17	15.0	22.0	18.8	76.7	16.578	14.5	0.9	0.0	0.9	3.9
18	15.4	22.0	18.8	75.8	16.686	14.5	1.0	0.0	1.0	4.5
19	15.6	25.0	19.2	63.1	14.101	12.1	0.0	0.0	0.0	6.5
20	16.6	22.0	20.2	71.4	17.087	15.0	0.6	0.0	0.6	3.5
21	15.9	21.5	17.7	80.5	16.042	14.1	4.1	0.0	4.1	1.4
22	17.5	23.8	20.4	66.7	16.213	14.2	0.0	0.0	0.0	9.2
23	18.1	24.0	20.3	77.2	18.438	16.2	0.0	0.0	0.0	5.2
24	17.9	24.0	20.5	70.4	17.020	15.0	0.0	0.0	0.0	4.6
25	17.0	23.0	19.6	80.1	18.462	16.2	0.0	0.0	0.0	3.8
26	17.4	22.5	19.8	77.3	17.925	15.7	1.8	0.0	1.8	2.0
27	16.5	23.5	20.5	68.1	16.561	14.5	0.0	0.0	0.0	7.2
28	16.5	22.3	18.9	77.8	17.244	15.1	0.0	0.0	0.0	1.8
29	17.0	22.0	18.7	79.9	17.227	15.1	0.2	0.0	0.2	2.0
30	17.0	21.0	19.4	78.5	17.765	15.6	0.6	5.0	5.6	2.5
PROM.	16.5	22.3	19.2	76.8	17.166	15.0	23.7	63.3	87.0	106.6

M E S – JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	20.5	18.5	81.0	17.003	14.9	3.8	0.7	4.5	0.3
2	15.7	24.0	19.6	77.6	17.710	15.5	0.0	0.0	0.0	4.9
3	16.0	24.0	20.3	73.8	17.165	15.1	0.0	0.0	0.0	9.5
4	16.5	21.5	18.5	82.5	17.905	15.6	1.5	0.0	1.5	1.8
5	17.4	23.3	20.1	74.1	17.347	15.3	0.0	0.0	0.0	2.9
6	17.6	23.5	19.4	81.1	18.402	16.1	0.0	0.0	0.0	2.9
7	15.8	20.0	17.5	89.0	18.047	15.8	11.5	0.0	11.5	0.4
8	17.0	23.0	19.6	68.4	15.712	13.7	0.0	0.0	0.0	4.9
9	16.5	20.6	18.0	79.5	16.808	14.7	2.5	0.0	2.5	0.8
10	15.4	23.0	19.6	72.1	16.371	14.3	0.0	0.0	0.0	8.8
11	16.5	24.0	20.1	68.8	16.078	14.1	0.0	0.0	0.0	5.9
12	16.5	23.8	19.9	70.3	16.495	14.5	0.0	0.0	0.0	3.2
13	17.3	25.5	21.2	64.8	16.517	14.4	0.0	0.0	0.0	8.2
14	18.5	24.0	21.2	74.1	18.578	16.3	0.0	0.0	0.0	3.9
15	17.0	24.0	19.5	81.8	18.865	16.5	5.0	0.0	5.0	2.0
16	17.5	21.8	19.4	78.4	17.624	15.5	0.0	0.0	0.0	1.2
17	18.0	23.6	20.3	73.6	17.260	15.1	0.0	0.0	0.0	5.1
18	17.5	25.5	20.7	60.5	14.609	12.6	0.0	0.0	0.0	3.5
19	18.3	25.3	21.1	66.9	16.764	14.7	0.0	0.0	0.0	3.8
20	17.1	23.5	20.5	67.0	16.064	14.0	0.0	0.0	0.0	6.1
21	17.5	25.5	21.3	67.3	16.804	14.7	0.0	0.0	0.0	9.8
22	17.5	25.5	21.8	61.1	15.885	13.9	0.0	0.0	0.0	8.8
23	18.5	25.1	21.6	67.6	17.669	15.5	5.0	1.0	6.0	4.8
24	18.6	25.0	20.7	72.4	17.632	15.5	0.0	3.0	3.0	3.3
25	17.5	22.5	20.2	73.2	17.298	15.2	0.0	0.0	0.0	3.3
26	18.0	24.0	21.0	71.5	17.756	15.6	0.0	1.0	1.0	3.8
27	16.5	20.3	17.9	89.4	18.253	16.0	3.0	3.0	6.0	0.0
28	15.4	23.5	20.1	70.4	16.433	14.4	0.0	0.0	0.0	0.0
29	17.5	25.5	20.6	63.5	15.254	13.3	0.0	0.0	0.0	
30	17.3	24.9	21.5	59.8	15.024	13.0	0.0	0.0	0.0	
31	18.5	25.0	20.1	70.0	16.609	14.6	0.0	10.0	10.0	
PROM.	17.1	23.6	20.1	72.6	16.966	14.9	32.3	18.7	51.0	

ESTACION: MISIONES — MUNICIPIO: MESITAS COLEGIO — AÑO: 1.977

ALTITUD: 1.540 — LATITUD: 4-34 N — LONGITUD: 74 - 18W

M E S - AGOSTO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.6	21.5	18.3	81.6	17.351	15.3	2.0	0.0	2.0	9.0
2	15.0	22.6	18.7	76.2	15.995	14.0	0.0	0.0	0.0	
3	17.4	25.0	19.7	70.2	16.157	14.1	1.5	1.5	3.0	
4	16.4	22.0	19.3	74.4	16.662	14.6	0.0	0.5	0.5	
5	16.6	22.0	19.3	76.8	17.192	15.1	0.0	0.0	0.0	
6	17.0	23.0	19.7	79.6	18.197	16.0	3.0	0.0	3.0	
7	18.5	22.3	20.1	76.4	18.027	15.9	3.0	0.0	3.0	
8	18.0	22.5	19.3	70.4	16.009	14.0	0.0	0.0	0.0	
9	17.0	22.5	19.6	71.5	16.178	14.1	0.0	0.0	0.0	
10	17.5	23.0	20.8	65.2	15.967	14.0	0.0	2.0	2.0	
11	17.0	26.0	21.2	66.5	16.678	14.6	0.0	0.0	0.0	
12	17.0	26.0	19.7	76.0	17.800	15.6	0.0	3.0	3.0	
13	16.5	23.1	20.1	82.6	19.073	16.7	1.0	0.0	1.0	
14	16.5	24.0	19.1	78.8	17.464	15.4	0.0	2.0	2.0	2.9
15	16.8	23.0	19.6	80.4	17.995	15.8	0.0	8.0	8.0	1.4
16	15.0	22.0	17.9	87.8	17.810	15.7	1.0	0.0	1.0	0.3
17	17.5	23.5	20.8	67.9	16.587	14.5	0.0	0.0	0.0	4.3
18	17.4	24.5	20.2	62.0	14.831	12.8	0.0	0.0	0.0	5.3
19	17.1	24.0	20.6	73.3	17.616	15.5	0.0	0.0	0.0	1.6
20	16.0	24.0	20.0	74.3	17.299	15.2	2.0	5.0	7.0	4.1
21	14.5	21.6	17.7	86.6	17.769	15.6	4.5	0.0	4.5	0.5
22	15.8	24.5	20.5	70.1	16.635	14.6	1.0	0.0	1.0	6.5
23	17.0	25.0	19.8	61.5	14.264	12.2	0.0	0.0	0.0	9.7
24	15.0	23.0	19.2	57.8	12.837	10.7	0.0	0.0	0.0	8.6
25	17.5	24.0	20.3	72.1	17.162	15.1	0.0	0.0	0.0	2.9
26	17.5	24.5	20.0	71.1	17.009	14.9	7.3	0.0	7.3	3.0
27	16.5	24.0	19.4	70.5	16.079	14.1	0.0	0.0	0.0	6.9
28	17.0	23.1	21.2	71.6	18.164	15.9	0.0	0.0	0.0	4.7
29	17.1	24.8	21.2	61.5	15.497	13.5	0.0	0.2	0.2	5.1
30	18.0	24.0	20.5	71.0	17.298	15.2	0.0	0.0	0.0	1.6
31	15.0	21.5	19.1	70.6	15.362	13.4	0.0	0.0	0.0	2.1
PROM.	16.7	23.4	19.8	72.8	16.741	14.6	26.3	22.2	48.5	

M E S - SEPTIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	22.5	20.0	71.7	16.805	14.8	0.3	0.0	0.3	3.4
2	16.3	25.5	21.1	67.7	16.826	14.7	0.0	0.0	0.0	2.5
3	17.5	25.0	21.3	70.0	17.864	15.7	0.0	0.0	0.0	3.2
4	16.8	26.0	21.0	73.1	18.543	16.3	3.6	0.1	3.7	4.1
5	17.5	22.0	19.4	81.4	18.378	16.1	0.8	0.0	0.8	2.2
6	17.4	25.5	20.2	70.1	16.478	14.4	0.0	0.0	0.0	3.9
7	16.5	25.5	21.2	66.2	16.251	14.2	0.0	0.0	0.0	4.0
8	18.0	26.0	21.6	70.0	17.910	15.7	2.7	0.0	2.7	4.4
9	17.5	25.0	21.7	73.3	18.813	16.5	0.1	4.5	4.6	0.0
10	17.3	23.3	19.8	77.1	17.609	15.5	7.9	0.0	7.9	1.2
11	16.5	26.0	21.3	69.8	17.659	15.6	0.0	0.0	0.0	5.9
12	17.5	22.5	19.8	69.4	16.061	14.1	0.0	0.0	0.0	0.6
13	17.5	23.0	19.3	82.6	18.612	16.3	0.8	0.0	0.8	3.3
14	18.0	21.8	18.4	83.4	17.733	15.6	6.9	0.0	6.9	0.5
15	17.5	23.5	20.0	69.7	16.367	14.4	1.9	0.0	1.9	1.2
16	18.3	24.9	20.9	72.8	17.704	15.6	0.0	0.0	0.0	4.0
17	17.6	25.1	21.8	64.9	16.968	14.9	0.0	0.0	0.0	4.4
18	18.0	25.4	22.1	69.7	18.424	16.2	0.0	0.0	0.0	8.8
19	18.5	26.0	21.5	68.4	17.175	15.1	0.0	11.0	11.0	8.6
20	17.0	23.5	19.8	86.5	19.864	17.4	12.0	0.0	12.0	4.6
21	15.0	22.5	19.1	84.7	18.571	16.3	0.4	3.6	4.0	2.5
22	16.5	23.5	19.9	81.2	18.904	16.6	0.2	2.4	2.6	1.8
23	18.0	22.5	18.7	88.4	19.213	16.9	5.4	0.0	5.4	2.1
24	17.7	25.5	21.2	72.0	18.173	15.9	0.0	0.0	0.0	7.4
25	17.5	23.1	19.2	90.2	20.618	18.0	25.6	21.8	47.4	3.6
26	15.5	23.0	18.1	83.8	17.648	15.4	4.4	7.5	11.9	9.3
27	15.8	19.4	17.4	94.6	19.008	16.7	0.0	0.0	0.0	0.0
28	15.8	21.4	18.2	86.3	18.109	15.9	5.4	0.8	6.2	0.9
29	16.4	23.0	19.3	84.7	19.223	16.9	14.3	0.0	14.3	0.6
30	16.5	23.6	19.1	84.2	18.772	16.5	0.0	2.7	2.7	6.3
PROM.	17.1	23.9	20.1	76.9	18.009	15.8	92.7	54.4	147.1	105.3

ESTACION: MISIONES MUNICIPIO: MESITAS COLEGIO AÑO: 1.977

ALTITUD: 1.540 LATITUD: 4-34 N LONGITUD: 74 - 18W

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	21.0	18.0	85.7	17.766	15.6	1.3	0.0	1.3	1.0
2	16.0	22.0	19.1	81.2	17.747	15.6	0.0	0.0	0.0	1.9
3	17.3	24.9	20.7	71.5	17.464	15.3	0.0	0.0	0.0	7.4
4	18.0	23.0	20.6	79.4	19.471	17.0	3.7	10.4	14.1	4.2
5	15.5	23.3	19.3	73.7	16.386	14.4	0.4	0.0	0.4	5.6
6	16.8	23.5	19.2	88.6	19.724	17.3	0.0	0.0	0.0	4.5
7	17.5	21.3	19.1	87.3	19.076	16.8	0.6	0.0	0.6	1.2
8	17.0	22.5	19.1	89.4	19.956	17.4	1.2	0.0	1.2	1.9
9	17.4	22.1	18.5	88.1	18.927	16.6	5.8	0.2	6.0	1.2
10	17.3	21.5	18.3	88.6	18.561	16.3	5.7	12.7	18.4	1.5
11	16.5	22.3	19.2	83.2	18.602	16.3	0.0	6.8	6.8	2.5
12	16.8	22.4	19.2	85.6	18.757	16.5	9.9	2.2	12.1	3.6
13	15.8	21.1	17.8	91.1	18.520	16.3	1.3	0.0	1.3	1.6
14	17.0	24.2	20.3	75.9	17.971	15.8	0.0	0.0	0.0	6.9
15	17.5	24.3	20.8	82.6	20.197	17.7	0.0	1.2	1.2	4.2
16	16.8	24.8	20.7	79.0	19.162	16.8	0.0	0.0	0.0	5.4
17	17.3	23.5	20.4	81.2	19.069	16.7	0.0	5.4	5.4	2.6
18	17.4	22.5	20.2	82.0	19.078	16.7	0.3	0.0	0.3	1.8
19	17.5	24.0	21.3	77.2	19.398	16.9	0.4	6.6	7.0	2.1
20	17.5	22.0	18.7	87.4	18.932	16.6	16.1	0.2	16.3	0.3
21	16.5	23.5	20.3	77.9	18.369	16.2	0.0	0.0	0.0	4.3
22	17.5	24.1	20.4	79.9	19.132	16.8	0.0	0.0	0.0	3.9
23	18.5	24.9	21.2	78.3	19.734	17.2	0.0	1.9	1.9	6.3
24	16.8	22.1	19.1	82.2	18.048	15.9	0.0	0.0	0.0	2.0
25	17.1	22.8	20.1	80.1	18.951	16.6	0.0	0.0	0.0	5.0
26	18.0	22.0	18.8	83.8	18.021	15.9	0.0	0.0	0.0	0.1
27	17.5	22.8	19.9	78.2	18.267	16.0	0.8	6.3	7.1	2.5
28	17.5	21.2	17.8	89.7	18.403	16.2	5.3	0.0	5.3	0.3
29	16.4	22.5	19.5	83.9	19.025	16.7	0.3	0.0	0.3	2.9
30	16.5	21.8	18.3	88.0	18.240	16.1	1.8	0.0	1.8	2.4
31	16.5	24.0	20.0	79.9	18.704	16.4	0.0	7.2	7.2	7.6
PROM.	17.0	22.8	19.5	82.6	18.699	16.4	54.9	61.1	116.0	98.7

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.3	21.5	18.4	91.9	19.296	16.9	0.0	0.0	0.0	2.1
2	17.7	23.1	19.5	87.3	19.908	17.4	9.8	0.0	9.8	4.0
3	17.5	23.3	19.9	85.8	20.208	17.6	5.4	37.5	42.9	3.3
4	16.0	21.0	18.0	89.3	18.316	16.1	0.0	0.0	0.0	0.0
5	16.8	23.0	19.8	76.5	17.755	15.6	0.0	0.0	0.0	3.1
6	18.3	23.1	19.1	91.1	20.387	17.8	0.7	11.1	11.8	2.4
7	16.8	22.0	18.9	84.7	18.771	16.5	1.8	9.2	11.0	1.6
8	16.6	22.4	18.3	85.3	17.781	15.6	0.0	12.9	12.9	4.5
9	16.8	22.0	19.0	87.5	19.306	16.9	0.0	0.0	0.0	0.9
10	17.1	19.3	18.6	86.6	18.425	16.2	17.1	8.8	25.9	0.0
11	16.5	21.5	18.9	84.6	18.701	16.3	0.3	1.8	2.1	0.2
12	17.0	22.5	19.7	85.1	19.830	17.4	0.6	2.5	3.1	3.8
13	17.0	20.8	18.3	91.2	19.321	17.0	14.5	15.3	29.8	0.6
14	16.5	22.0	18.4	88.6	18.722	16.4	1.1	1.0	2.1	3.8
15	16.5	20.5	18.4	88.7	18.904	16.6	9.4	0.0	9.4	0.7
16	16.4	23.1	19.6	82.9	18.810	16.5	0.2	0.0	0.2	4.4
17	16.5	23.0	18.8	93.6	20.314	17.7	0.7	0.0	0.7	2.9
18	16.5	22.8	19.2	84.9	18.960	16.6	0.0	0.1	0.1	5.7
19	16.8	23.0	19.7	84.7	19.631	17.2	4.4	0.4	4.8	5.0
20	16.8	24.5	19.7	80.2	19.877	17.4	0.0	0.1	0.1	5.3
21	17.4	23.9	20.0	88.2	20.521	17.9	0.3	0.0	0.3	7.2
22	17.3	24.0	19.9	85.4	20.044	17.5	9.2	0.0	9.2	5.3
23	17.5	23.3	19.4	90.5	20.324	17.8	0.0	0.0	0.0	5.6
24	17.5	23.8	20.0	81.6	19.061	16.7	0.0	0.0	0.0	6.0
25	17.5	24.0	19.5	82.6	18.474	16.2	0.2	0.0	0.2	3.0
26	16.8	23.3	19.4	77.5	17.303	15.2	0.9	0.0	0.9	2.0
27	17.5	24.1	20.5	74.4	18.121	15.9	0.0	0.0	0.0	5.5
28	18.3	23.0	19.8	85.3	19.566	17.0	0.0	0.0	0.0	3.9
29	18.3	24.5	21.1	70.6	17.976	15.8	0.0	0.0	0.0	8.6
30	17.0	25.0	21.1	59.5	15.220	13.2	0.0	0.0	0.0	10.1
PROM	17.1	22.8	19.4	84.4	18.994	16.6	76.6	100.7	177.3	111.5

ESTACION: MISIONES MUNICIPIO: MESITAS COLEGIO AÑO: 1.977

ALTITUD: 1.540 LATITUD: 4-34 N LONGITUD: 74 - 18W

M E S – DICIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	24.2	19.9	80.5	18.863	16.5	0.0	0.0	0.0	8.9
2	17.4	23.8	19.6	87.3	20.373	17.8	2.5	0.2	2.7	4.9
3	17.4	22.8	19.6	89.1	20.317	17.7	0.0	0.3	0.3	2.5
4	18.3	26.4	20.7	77.9	19.422	17.0	0.0	1.0	1.0	7.1
5	17.5	24.9	20.6	83.3	20.103	17.6	0.0	0.0	0.0	6.4
6	18.4	24.9	20.6	73.5	18.076	15.8	0.4	0.0	0.4	6.3
7	17.5	24.0	21.1	68.2	17.274	15.1	1.6	0.0	1.6	5.1
8	18.5	24.9	21.2	78.4	19.910	17.3	0.0	0.0	0.0	7.6
9	18.4	23.8	20.8	74.8	18.493	16.2	0.0	0.0	0.0	3.3
10	17.3	25.8	20.9	81.9	20.532	17.8	0.0	0.0	0.0	6.4
11	17.6	23.3	19.6	82.7	18.752	16.5	0.8	0.0	0.8	2.6
12	17.5	25.1	20.3	78.1	18.506	16.1	0.0	0.0	0.0	5.3
13	17.4	23.0	19.1	84.4	18.739	16.4	0.0	0.0	0.0	1.9
14	18.0	24.1	20.1	86.6	20.475	17.9	0.0	3.7	3.7	3.3
15	17.5	23.5	20.2	85.7	20.405	17.8	0.0	18.3	18.3	4.7
16	17.5	23.5	20.1	87.9	20.706	18.1	0.0	12.3	12.3	7.0
17	16.8	26.4	21.1	75.8	18.879	16.6	0.0	0.0	0.0	7.5
18	17.5	26.1	20.8	80.3	19.728	17.3	0.0	0.0	0.0	9.0
19	17.1	25.3	19.4	81.1	18.407	16.2	1.4	0.0	1.4	5.2
20	16.8	25.5	20.4	78.9	18.817	16.5	0.0	0.0	0.0	6.6
21	17.6	25.1	20.4	82.4	19.549	17.1	0.0	0.0	0.0	5.9
22	18.5	24.3	20.7	67.8	16.485	14.4	0.0	0.0	0.0	4.0
23	17.1	24.3	20.6	72.9	16.970	14.9	0.0	0.0	0.0	4.3
24	19.1	27.1	22.3	74.3	20.163	17.6	0.0	0.0	0.0	7.8
25	17.8	25.3	21.4	76.1	19.493	17.1	0.0	0.0	0.0	5.9
26	17.5	24.8	20.4	84.7	20.247	17.7	0.0	0.0	0.0	2.2
27	17.8	24.5	20.7	83.4	20.639	18.0	1.9	3.1	5.0	4.5
28	17.7	24.5	19.6	92.4	21.102	18.3	0.0	0.0	0.0	2.8
29	16.5	22.6	19.5	86.3	19.685	17.2	0.3	0.0	0.3	1.7
30	16.5	24.1	20.5	82.2	19.703	17.2	0.0	0.4	0.4	5.9
31	18.0	23.8	20.5	84.9	20.693	18.1	0.0	0.0	0.0	4.0
PROM.	17.6	24.6	20.4	80.8	19.403	17.0	8.9	39.3	48.2	160.6

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
PROM.										

ESTACION: MISIONES MUNICIPIO MESITAS COLEGIO AÑO: 1.977

ALTITUD: 1.540 LATITUD: 4-34 N LONGITUD: 74 - 18W

MESES	TEMPERATURA oC					Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO											
FEBRERO	16.9	23.4	19.8	15.1	26.1	75.4	17.257	15.1			
MARZO	17.3	24.3	20.8	15.0	27.5	72.8	17.755	15.6	173.8	19	119.3
ABRIL	17.2	22.7	19.5	15.0	26.5	81.2	18.448	16.2	188.8	20	86.8
MAYO	17.1	22.4	19.5	15.1	24.5	80.1	18.142	15.9	81.7	21	70.3
JUNIO	16.5	22.3	19.2	14.9	25.0	76.8	17.166	15.0	87.0	18	106.6
JULIO	17.1	23.6	20.1	15.4	25.5	72.6	16.966	14.9	51.0	10	
AGOSTO	16.7	23.4	19.8	14.5	26.0	72.8	16.741	14.6	48.5	16	
SEPTIEMBRE	17.1	23.9	20.1	15.0	26.0	76.9	18.009	15.8	147.1	19	105.3
OCTUBRE	17.0	22.8	19.5	15.5	24.9	82.6	18.699	16.4	116.0	21	98.7
NOVIEMBRE	17.1	22.8	19.4	16.0	25.0	84.4	18.994	16.6	177.3	20	111.5
DICIEMBRE	17.6	24.6	20.4	16.5	27.1	80.8	19.403	17.0	48.2	13	160.6
PROMEDIO	17.1	23.3	19.8	15.3	25.8	77.9	17.962	15.7			
TOTAL											

ESTACION: GRANJA TIBACUY MUNICIPIO: TIBACUY AÑO: 1.977

ALTITUD: 1.550 LATITUD: 4-21 N. LONGITUD: 74-25 W.

M E S — ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	24.1	18.5	78.7	17.434	15.2	0.0	0.0	0.0	8.1
2	14.2	25.7	19.5	69.4	16.310	14.1	0.0	0.0	0.0	7.1
3	14.8	25.0	19.3	78.9	17.994	15.8	0.0	0.0	0.0	6.9
4	14.7	24.9	19.8	71.9	17.116	14.9	0.0	0.0	0.0	9.3
5	14.0	26.0	20.0	62.9	15.186	13.1	0.0	0.0	0.0	10.4
6	13.4	26.0	20.5	54.7	13.898	11.8	0.0	0.0	0.0	10.1
7	14.0	25.5	19.8	58.6	14.036	12.0	0.0	0.0	0.0	8.4
8	14.0	24.9	20.1	64.1	15.246	13.2	0.0	0.0	0.0	6.7
9	15.0	25.9	20.2	72.1	17.595	15.4	0.0	0.0	0.0	9.3
10	14.5	25.5	20.2	74.1	17.686	15.6	0.0	0.0	0.0	8.0
11	14.8	25.5	19.1	79.3	17.697	15.6	0.0	0.0	0.0	6.2
12	15.0	26.0	19.7	71.4	16.576	14.6	0.0	0.0	0.0	9.4
13	15.5	25.2	19.6	72.4	16.621	14.6	0.0	0.0	0.0	9.0
14	15.5	26.0	20.9	71.2	17.371	15.3	0.0	0.0	0.0	8.0
15	16.5	27.5	21.5	71.6	18.153	16.0	0.0	0.0	0.0	8.1
16	17.5	27.0	21.9	67.5	18.124	16.0	0.0	0.0	0.0	7.2
17	16.9	27.0	21.3	74.0	18.736	16.5	0.0	0.0	0.0	6.2
18	16.2	24.5	20.0	85.7	20.180	17.6	0.1	0.0	0.1	4.7
19	16.4	24.0	20.0	83.6	19.888	17.4	7.1	0.0	7.1	4.7
20	15.0	25.0	19.0	85.8	18.929	16.6	0.0	0.0	0.0	8.0
21	14.0	25.5	20.0	74.1	17.531	15.4	0.0	0.0	0.0	7.4
22	13.9	25.5	20.1	74.4	17.876	15.7	0.0	0.0	0.0	6.6
23	14.0	27.3	21.8	67.9	17.618	15.5	0.0	7.4	7.4	7.7
24	16.0	24.0	20.5	80.9	19.449	17.1	0.0	0.0	0.0	5.5
25	15.4	25.5	19.7	81.1	19.097	16.8	0.0	0.0	0.0	5.0
26	15.5	22.8	18.5	86.5	18.709	16.4	0.0	0.0	0.0	2.8
27	13.4	26.0	19.7	78.3	17.919	15.8	0.0	0.0	0.0	7.3
28	16.5	25.1	20.2	74.8	17.943	15.8	0.0	0.0	0.0	6.8
29	15.3	26.5	20.8	72.8	18.158	16.0	0.0	0.0	0.0	8.2
30	15.5	26.8	20.5	71.1	17.116	15.0	0.0	1.3	1.3	6.3
31	16.0	24.2	20.2	73.0	17.382	15.3	0.0	0.0	0.0	4.0
PROM.	15.1	25.5	20.1	73.6	17.535	15.4	7.2	8.7	15.9	223.4

M E S — FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.2	23.3	20.5	76.1	18.537	16.3	0.0	0.0	0.0	6.5
2	16.0	25.4	21.9	74.2	18.711	16.4	0.0	0.0	0.0	2.4
3	14.0	26.6	20.3	66.9	16.193	14.2	0.0	0.0	0.0	8.2
4	14.5	26.0	20.5	66.0	15.833	13.8	0.0	0.0	0.0	7.5
5	14.0	26.5	20.5	68.8	16.472	14.5	0.0	0.0	0.0	8.3
6	15.2	25.5	20.4	72.2	17.562	15.5	0.0	0.0	0.0	4.6
7	15.4	21.0	18.3	93.8	19.956	17.5	0.0	0.0	0.0	0.1
8	14.5	25.0	19.0	78.6	17.371	15.3	0.0	0.0	0.0	4.5
9	16.0	26.5	21.3	65.6	16.627	14.6	0.0	0.0	0.0	6.3
10	15.4	27.7	21.8	61.0	15.807	13.8	0.0	0.0	0.0	5.9
11.	17.0	24.8	19.5	79.4	18.454	16.2	0.0	0.0	0.0	3.0
12	15.5	20.0	18.0	88.8	18.283	16.1	0.4	0.0	0.4	0.2
13	13.8	26.0	20.5	66.3	16.072	14.1	0.0	0.0	0.0	4.3
14	15.3	24.0	18.7	83.9	18.416	16.2	0.0	0.0	0.0	4.5
15	15.5	26.5	20.9	74.2	18.283	16.1	0.0	0.0	0.0	4.3
16	17.0	25.0	19.5	82.1	19.092	16.8	3.7	0.1	3.8	3.3
17	16.5	24.8	20.0	83.5	19.445	17.0	0.0	0.0	0.0	2.4
18	15.0	25.0	19.4	81.4	18.180	16.0	0.0	0.0	0.0	7.3
19	15.8	25.5	19.8	74.6	17.699	15.6	0.0	0.0	0.0	4.3
20	16.5	23.5	18.8	81.0	17.974	15.8	0.0	0.0	0.0	3.4
21	16.4	25.0	18.1	93.8	19.520	17.1	3.2	0.0	3.2	3.2
22	16.2	22.6	18.6	80.9	17.520	15.4	0.0	0.0	0.0	6.6
23	14.5	25.0	19.4	71.5	16.455	14.4	0.0	3.0	3.0	5.9
24	15.0	26.5	20.8	73.7	18.389	16.2	0.0	0.0	0.0	5.2
25	15.0	23.5	18.6	81.9	18.034	15.8	0.0	0.0	0.0	3.7
26	14.4	26.5	20.8	67.1	16.476	14.5	0.0	0.0	0.0	7.4
27	17.0	25.5	19.9	71.0	16.635	14.6	0.0	0.0	0.0	4.3
28	14.7	25.0	19.8	71.0	16.583	14.5	0.0	0.0	0.0	5.2
PROM.	15.4	24.9	19.8	76.0	17.664	15.5	7.3	3.1	10.4	132.8

ESTACION: GRANJA TIBACUY MUNICIPIO: TIBACUY AÑO: 1.977

ALTITUD: 1.550 LATITUD: 4-21 N. LONGITUD: 74-25 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	23.6	18.3	77.4	16.873	14.6	0.0	0.0	0.0	2.9
2	15.4	25.5	19.9	79.1	18.656	16.3	0.0	0.0	0.0	4.2
3	16.5	26.5	21.4	72.1	18.646	16.4	0.0	0.0	0.0	7.4
4	15.5	27.5	21.2	73.3	18.319	16.1	0.0	0.0	0.0	6.3
5	17.7	27.5	21.3	76.1	19.149	16.8	0.0	0.0	0.0	4.5
6	16.7	28.5	21.6	74.0	18.875	16.5	8.2	0.0	8.2	6.5
7	15.4	27.1	20.9	60.3	15.185	13.2	0.0	0.0	0.0	9.4
8	13.6	27.0	20.9	64.2	15.220	13.2	0.0	0.0	0.0	5.7
9	17.2	26.5	21.6	67.3	17.280	15.2	0.0	0.2	0.2	1.3
10	15.6	27.6	21.5	66.0	16.748	14.7	0.1	0.0	0.1	6.4
11	15.0	27.7	21.2	59.6	15.202	13.2	0.0	0.0	0.0	6.8
12	14.5	28.2	22.7	48.7	13.752	11.6	0.0	0.0	0.0	6.7
13	17.0	25.1	19.6	71.2	16.651	14.5	0.0	0.0	0.0	3.5
14	15.0	26.9	19.8	71.4	16.801	14.7	0.0	0.0	0.0	5.1
15	16.0	25.5	21.1	76.5	19.270	16.9	0.0	4.2	4.2	3.8
16	16.0	20.0	17.8	90.6	18.764	16.5	0.0	0.0	0.0	0.0
17	15.0	23.6	19.9	78.7	18.331	16.1	0.0	3.2	3.2	2.2
18	16.0	25.6	19.3	80.2	18.073	15.9	5.2	0.0	5.2	5.1
19	15.0	23.3	18.8	82.7	18.303	16.1	0.1	0.0	0.1	2.1
20	15.3	26.0	21.1	69.1	17.307	15.2	0.0	0.0	0.0	5.1
21	16.5	27.5	21.9	68.9	17.741	15.6	0.0	0.0	0.0	5.9
22	16.8	25.0	20.2	73.6	17.984	15.8	0.0	0.0	0.0	2.7
23	15.5	26.0	19.7	82.4	19.266	16.9	12.5	3.6	16.1	4.6
24	16.0	23.5	19.9	86.0	20.073	17.6	0.0	42.8	42.8	3.4
25	14.8	24.0	20.1	85.1	19.752	17.3	0.0	4.0	4.0	6.5
26	16.0	23.4	20.3	83.6	19.780	17.3	4.0	0.1	4.1	1.6
27	16.8	24.5	21.1	75.2	18.782	16.5	0.0	0.3	0.3	3.6
28	16.6	20.0	18.4	95.0	19.930	17.4	2.5	6.3	8.8	0.1
29	14.5	24.5	19.2	85.1	18.907	16.6	0.2	0.1	0.3	4.8
30	14.5	22.2	19.2	86.9	19.617	17.1	0.0	1.9	1.9	4.2
31	14.4	22.5	18.1	91.1	19.365	17.0	5.2	0.5	5.7	3.1
PROM.	15.7	25.2	20.3	75.9	18.019	15.8	38.0	67.2	105.2	135.5

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	20.0	17.3	94.1	18.590	16.3	20.0	24.5	44.5	0.9
2	14.6	21.4	18.1	92.5	19.520	17.1	2.8	7.3	10.1	4.1
3	15.0	22.5	17.4	89.8	18.311	16.1	0.0	15.7	15.7	6.1
4	14.0	22.5	17.4	83.7	16.752	14.6	0.1	2.4	2.5	1.5
5	13.5	22.4	18.3	87.1	18.391	16.1	0.0	17.3	17.3	4.6
6	13.0	23.0	18.6	84.5	18.299	16.1	0.0	1.4	1.4	3.4
7	15.0	21.6	17.8	82.2	17.011	14.9	0.0	0.0	0.0	3.3
8	15.8	22.5	18.6	83.1	18.378	16.2	0.0	0.0	0.0	2.7
9	15.7	24.5	19.2	74.4	16.676	14.7	0.0	0.0	0.0	3.2
10	16.0	24.0	19.0	82.4	18.240	16.0	0.0	0.0	0.0	0.6
11	18.3	24.0	19.5	85.6	19.884	17.3	0.0	0.0	0.0	0.9
12	17.0	22.5	19.0	87.9	19.572	17.2	0.0	0.0	0.0	1.0
13	15.4	24.0	19.8	73.4	17.660	15.4	0.0	0.0	0.0	6.1
14	15.5	23.0	18.5	83.3	18.032	15.8	0.0	0.0	0.0	3.0
15	15.0	26.5	20.4	75.9	18.713	16.4	0.0	0.0	0.0	8.1
16	17.0	23.0	18.8	86.9	19.213	16.9	0.0	0.0	0.0	1.2
17	16.5	26.0	19.9	75.4	18.383	16.1	0.0	0.0	0.0	1.1
18	15.5	26.4	20.8	76.9	19.095	16.7	0.0	0.0	0.0	4.4
19	16.2	26.0	20.9	73.4	18.575	16.3	0.0	0.0	0.0	5.0
20	17.0	27.6	22.2	61.9	17.076	15.0	0.0	0.0	0.0	9.3
21	17.0	23.0	18.9	81.5	18.193	16.0	0.0	0.0	0.0	0.3
22	14.4	25.0	20.6	72.1	17.718	15.5	0.0	2.7	2.7	7.5
23	15.3	22.6	17.5	92.0	18.438	16.2	4.5	0.0	4.5	1.3
24	14.5	20.0	16.6	92.7	17.649	15.6	6.4	0.0	6.4	0.2
25	13.2	23.0	18.5	85.7	18.561	16.3	0.0	0.0	0.0	3.1
26	15.5	20.0	16.4	95.1	17.881	15.8	7.5	0.0	7.5	0.1
27	13.6	20.6	17.8	95.5	19.305	16.9	2.9	23.5	26.4	1.3
28	15.0	21.0	18.0	91.6	18.978	16.7	0.9	1.0	1.9	1.8
29	14.2	23.0	19.1	79.6	17.977	15.8	0.0	0.0	0.0	5.3
30	16.0	23.0	18.1	92.1	19.531	17.1	6.7	5.3	12.0	2.2
PROM.	15.4	23.2	18.8	83.7	18.353	16.1	51.8	101.1	152.9	93.6

ESTACION: GRANJA TIBACUY MUNICIPIO: TIBACUY AÑO: 1.977

ALTITUD: 1.550 LATITUD: 4-21 N. LONGITUD: 74-25 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	21.5	17.9	87.0	18.046	15.9	4.4	3.5	7.9	2.1
2	15.5	22.0	17.6	94.5	19.604	17.2	6.0	0.0	6.0	1.8
3	15.4	24.5	19.5	88.2	20.209	17.7	0.5	0.3	0.8	4.3
4	17.3	24.5	21.1	77.6	19.568	17.2	0.0	21.2	21.2	6.0
5	16.5	23.0	18.5	90.6	19.388	17.0	0.0	0.0	0.0	2.5
6	17.0	23.0	18.1	85.2	17.874	15.7	0.0	0.0	0.0	1.1
7	15.6	24.0	19.2	83.0	18.752	16.5	0.0	0.0	0.0	4.8
8	15.5	23.5	18.5	88.0	19.156	16.7	0.0	0.0	0.0	2.4
9	15.5	21.6	17.9	93.3	19.539	17.1	0.0	0.2	0.2	2.5
10	16.4	23.5	19.0	82.4	18.175	16.0	0.0	0.0	0.0	2.6
11	18.0	22.5	19.6	82.6	18.922	16.6	0.0	1.4	1.4	0.6
12	16.5	24.0	19.5	87.3	19.893	17.4	0.0	0.0	0.0	2.5
13	17.0	23.0	19.4	82.2	19.350	16.9	0.0	0.0	0.0	2.8
14	17.0	24.5	18.7	92.6	20.152	17.7	0.6	0.0	0.6	0.5
15	16.0	20.5	18.2	86.9	18.164	16.0	0.3	0.0	0.3	0.7
16	17.0	22.4	18.8	87.0	18.849	16.5	0.0	10.0	10.0	0.4
17	15.8	24.5	19.5	87.9	20.084	17.6	0.0	0.0	0.0	6.0
18	16.5	24.5	19.2	83.5	18.859	16.5	0.0	0.0	0.0	4.2
19	16.0	24.6	19.7	81.7	19.235	16.9	0.0	0.0	0.0	6.2
20	16.0	23.6	19.2	79.3	18.248	16.0	0.0	0.0	0.0	2.8
21	14.0	23.6	19.3	77.7	18.085	15.8	0.0	0.0	0.0	4.8
22	16.5	26.0	19.0	86.7	19.518	17.1	1.0	0.0	1.0	3.7
23	16.0	20.5	17.3	90.6	18.133	16.0	3.5	0.0	3.5	0.1
24	14.0	24.2	18.6	84.0	18.166	15.9	0.0	0.0	0.0	3.2
25	16.0	22.0	17.9	90.0	18.767	16.5	0.0	0.0	0.0	0.8
26	14.8	24.5	19.5	77.9	17.761	15.6	0.0	0.0	0.0	5.9
27	17.0	22.0	18.5	84.1	18.090	15.9	0.0	0.0	0.0	0.3
28	17.2	23.6	19.1	80.6	18.274	16.1	0.0	0.0	0.0	2.2
29	16.2	21.0	17.6	95.4	19.174	16.8	1.6	0.0	1.6	0.3
30	13.4	23.6	17.5	89.1	17.961	15.8	0.0	0.0	0.0	0.8
31	14.5	23.4	18.6	79.7	17.378	15.3	0.0	0.0	0.0	2.0
PROM.	16.0	23.2	18.8	85.7	18.820	16.5	17.9	36.6	54.5	80.9

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	25.2	20.2	74.8	17.916	15.8	0.0	0.0	0.0	5.4
2	15.1	21.4	18.4	90.7	19.151	16.8	1.7	1.4	3.1	0.0
3	16.0	22.4	18.0	82.1	17.302	15.2	0.0	0.0	0.0	5.2
4	16.9	24.3	18.9	78.8	17.586	15.5	0.0	0.0	0.0	2.3
5	14.5	23.5	19.6	79.2	18.320	16.1	0.0	0.0	0.0	3.0
6	15.0	23.0	18.6	90.0	19.394	17.0	0.0	0.2	0.2	3.1
7	15.5	21.7	16.7	97.5	18.655	16.4	3.3	6.5	9.8	0.5
8	13.5	23.0	18.4	82.1	17.378	15.3	0.0	0.0	0.0	1.4
9	14.6	24.5	19.5	72.0	17.100	14.9	0.0	0.4	0.4	3.7
10	14.0	24.5	19.4	77.4	18.089	15.8	0.0	0.0	0.0	4.3
11	15.0	23.0	19.3	73.6	17.066	14.9	0.0	9.9	9.9	6.1
12	15.0	20.5	17.6	86.7	17.384	15.3	0.0	1.9	1.9	0.0
13	13.8	23.5	18.4	84.3	17.989	15.8	2.4	0.7	3.1	2.0
14	15.6	22.0	17.8	81.4	16.869	14.8	0.0	0.0	0.0	2.7
15	14.0	23.5	19.1	77.0	17.475	15.3	0.0	0.0	0.0	5.8
16	16.2	25.0	19.6	73.8	17.034	14.9	0.0	0.0	0.0	3.9
17	14.7	24.5	19.5	83.6	19.198	16.9	0.0	0.0	0.0	3.9
18	16.0	25.0	19.0	85.9	18.963	16.7	0.4	0.0	0.4	4.5
19	15.2	24.0	20.3	74.3	18.204	15.9	0.0	0.0	0.0	6.1
20	15.0	24.8	19.0	78.8	17.659	15.5	0.0	0.0	0.0	4.4
21	16.4	21.5	17.3	84.7	16.944	14.8	1.1	0.0	1.1	1.1
22	15.0	24.0	19.4	68.9	16.097	14.1	0.0	0.0	0.0	9.2
23	17.0	25.0	19.2	71.8	16.424	14.3	0.0	0.0	0.0	3.1
24	17.0	24.9	19.6	78.6	18.110	15.9	0.0	0.0	0.0	4.0
25	16.8	24.0	19.6	76.4	18.127	15.9	0.0	0.0	0.0	6.6
26	15.6	24.0	19.1	76.1	17.635	15.4	2.9	0.0	2.9	2.6
27	14.0	25.5	19.5	72.1	16.525	14.5	0.0	0.0	0.0	7.3
28	17.4	24.5	18.8	79.6	17.489	15.4	0.0	0.0	0.0	1.7
29	13.4	22.8	16.9	84.7	16.657	14.6	0.7	0.0	0.7	2.6
30	13.5	22.8	16.6	92.2	17.929	15.7	0.0	0.0	0.0	2.9
PROM.	15.3	23.6	18.8	80.3	17.689	15.5	12.5	21.0	33.5	109.4

ESTACION: GRANJA TIBACUY MUNICIPIO: TIBACUY AÑO: 1.977

ALTITUD: 1.550 LATITUD: 4-21 No. LONGITUD: 74-25 We.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.2	21.0	17.5	90.9	18.232	16.0	6.7	0.0	6.7	0.1
2	14.5	26.0	20.0	72.0	17.353	15.3	0.0	0.0	0.0	7.9
3	17.4	26.9	20.7	72.7	17.674	15.5	0.0	0.1	0.1	9.1
4	15.5	23.5	19.2	76.7	17.392	15.3	0.0	0.0	0.0	1.8
5	14.0	25.6	19.6	74.5	17.250	15.2	1.3	0.0	1.3	3.6
6	17.0	23.5	19.2	78.6	17.841	15.7	0.0	0.5	0.5	1.3
7	15.6	20.0	17.2	87.1	17.486	15.3	5.4	0.0	5.4	0.0
8	14.0	23.0	18.4	77.2	16.701	14.7	0.0	0.0	0.0	2.8
9	15.4	23.5	18.1	83.1	17.960	15.8	3.6	0.0	3.6	1.4
10	15.0	25.5	19.4	73.8	16.940	14.9	0.0	0.0	0.0	5.2
11	15.0	25.0	20.4	69.7	16.838	14.8	0.0	0.0	0.0	7.7
12	15.8	24.5	18.2	80.1	17.083	15.0	0.0	0.0	0.0	2.1
13	15.0	25.5	19.9	73.3	17.028	15.0	0.0	0.0	0.0	5.8
14	15.5	26.3	20.4	73.3	17.629	15.5	0.0	0.0	0.0	4.7
15	16.5	25.5	19.8	87.3	20.292	17.7	2.0	1.7	3.7	2.6
16	16.3	23.0	19.0	80.4	17.863	15.7	0.0	0.0	0.0	1.7
17	16.3	26.5	19.3	75.7	17.127	15.1	0.0	0.0	0.0	5.2
18	16.0	26.5	19.9	72.6	16.761	14.7	0.0	0.0	0.0	2.9
19	17.0	25.4	20.5	69.5	16.953	14.9	0.0	0.0	0.0	3.6
20	14.5	25.6	19.5	76.6	17.535	15.4	0.0	0.0	0.0	4.8
21	16.0	27.5	21.8	62.5	16.575	14.5	0.0	0.0	0.0	9.6
22	14.0	27.0	22.2	54.8	14.669	12.7	0.0	0.0	0.0	8.5
23	16.8	27.5	21.9	70.5	19.030	16.7	0.1	0.0	0.1	5.0
24	17.0	26.0	20.3	78.1	18.734	16.4	0.1	0.7	0.8	2.7
25	17.4	25.4	19.3	75.8	17.126	15.0	0.0	0.1	0.1	2.2
26	16.8	24.2	20.6	79.0	19.366	17.0	0.0	4.0	4.0	3.3
27	16.3	21.0	17.2	88.7	17.415	15.3	0.0	0.0	0.0	0.2
28	15.0	24.9	19.2	78.8	18.068	15.9	0.0	0.0	0.0	3.1
29	15.0	27.5	21.2	62.5	15.827	13.8	0.0	0.0	0.0	8.6
30	14.0	26.8	20.4	61.2	15.208	13.2	0.0	0.0	0.0	6.5
31	17.0	26.3	20.2	69.8	16.923	14.8	0.0	2.3	2.3	3.0
PROM.	15.7	25.0	19.7	75.1	17.383	15.3	19.2	9.4	28.6	127.0

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	22.8	18.0	88.8	18.726	16.4	0.0	0.0	0.0	2.5
2	16.4	23.2	18.6	86.5	18.602	16.3	0.1	0.0	0.1	2.2
3	15.4	26.0	19.7	77.3	17.554	15.4	0.0	1.6	1.6	3.3
4	15.0	24.5	19.1	74.4	16.612	14.6	0.0	0.0	0.0	1.7
5	15.4	24.0	18.6	85.3	18.293	16.1	0.0	0.0	0.0	1.3
6	17.3	24.4	19.0	82.4	18.386	16.2	0.0	0.0	0.0	2.7
7	16.0	23.8	18.2	85.1	18.270	16.0	7.3	0.0	7.3	1.5
8	15.0	24.4	18.6	76.4	16.780	14.8	0.8	0.1	0.9	3.9
9	15.0	25.0	18.2	76.8	16.690	14.5	4.3	0.0	4.3	4.8
10	15.3	25.5	20.0	64.8	15.328	13.3	0.0	0.0	0.0	5.0
11	16.4	26.0	20.9	68.1	16.713	14.7	0.0	0.0	0.0	6.1
12	15.5	26.6	21.4	70.4	17.714	15.6	0.0	0.0	0.0	7.1
13	16.0	26.6	19.9	81.8	19.256	16.9	0.5	0.1	0.6	6.9
14	16.0	24.5	19.5	81.6	18.445	16.2	0.0	0.3	0.3	2.7
15	15.0	25.0	19.2	74.5	16.330	14.3	0.0	1.5	1.5	6.3
16	15.6	22.5	18.4	87.7	18.484	16.3	0.2	0.0	0.2	1.4
17	15.0	26.5	20.3	67.9	16.180	14.2	0.0	0.0	0.0	5.9
18	14.4	26.6	19.6	63.8	14.214	12.2	0.0	0.0	0.0	6.5
19	16.0	25.5	19.7	72.1	16.206	14.1	0.0	0.4	0.4	3.8
20	16.0	23.5	19.4	78.1	17.935	15.8	0.0	0.0	0.0	2.9
21	14.8	22.4	17.0	89.4	17.660	15.5	1.9	0.0	1.9	0.5
22	14.0	26.5	19.9	77.7	18.012	15.8	0.0	0.0	0.0	7.7
23	14.0	27.4	19.8	64.4	15.163	13.2	0.0	0.0	0.0	9.7
24	13.5	27.5	20.8	60.9	14.705	12.7	0.0	0.0	0.0	7.0
25	16.0	27.3	21.0	68.2	17.059	15.0	0.0	0.0	0.0	4.5
26	16.9	27.4	19.3	77.2	17.593	15.5	0.0	0.0	0.0	3.3
27	15.4	26.2	19.8	72.2	16.752	14.7	0.0	0.0	0.0	3.8
28	17.0	26.8	21.0	69.3	17.555	15.4	0.0	0.0	0.0	3.9
29	17.0	26.8	21.6	60.6	15.468	13.5	0.0	0.0	0.0	3.2
30	17.6	26.8	21.6	67.3	17.503	15.4	0.0	0.0	0.0	2.6
31	16.4	24.0	19.5	76.2	17.098	15.0	0.0	0.0	0.0	2.6
PROM.	15.7	25.4	19.6	75.1	17.138	15.0	15.1	4.0	19.1	127.3

ESTACION: GRANJA TIBACUY MUNICIPIO: TIBACUY AÑO: 1.977

ALTITUD: 1.550 LATITUD: 4-21 N. LONGITUD: 74-25 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	25.6	19.5	70.6	16.022	14.0	0.3	0.0	0.3	3.0
2	16.0	25.5	20.3	68.7	15.980	14.0	0.0	0.0	0.0	3.3
3	17.6	27.1	21.1	71.2	17.707	15.6	0.0	0.0	0.0	2.5
4	16.3	28.6	20.4	71.8	17.612	15.5	17.3	0.0	17.3	6.4
5	16.5	24.5	18.6	75.3	16.588	14.5	0.0	0.0	0.0	3.9
6	17.0	26.5	20.2	67.6	16.053	14.1	0.0	0.0	0.0	4.2
7	14.0	26.8	20.5	61.2	14.558	12.6	0.0	2.6	2.6	8.9
8	15.5	26.8	20.1	76.4	17.628	15.5	0.0	0.0	0.0	2.9
9	17.4	26.5	21.5	69.1	17.377	15.3	0.0	0.0	0.0	3.9
10	17.7	25.5	20.5	76.7	18.536	16.3	0.0	0.0	0.0	1.8
11	17.8	27.6	21.5	65.3	17.241	15.1	0.0	0.0	0.0	5.9
12	16.2	24.5	19.7	73.3	16.847	14.8	0.0	0.0	0.0	1.1
13	15.0	24.6	19.9	71.5	17.007	14.9	0.0	0.0	0.0	3.1
14	16.0	24.0	18.3	83.7	18.188	15.9	0.2	0.0	0.2	1.8
15	14.5	26.0	20.2	69.5	16.685	14.7	0.0	0.4	0.4	3.6
16	16.5	26.5	20.3	76.0	17.922	15.8	0.0	0.0	0.0	4.6
17	17.5	26.5	21.6	66.0	17.049	15.0	0.0	0.0	0.0	4.2
18	18.0	27.6	22.0	59.1	15.904	13.8	0.0	1.7	1.7	7.7
19	17.0	25.7	20.6	73.4	17.853	15.7	0.0	0.0	0.0	5.1
20	16.5	25.3	19.8	78.7	18.138	15.9	0.1	24.8	24.9	3.9
21	15.0	23.5	18.7	86.5	18.693	16.4	0.1	0.0	0.1	3.0
22	16.5	23.3	19.6	80.4	18.487	16.2	0.0	0.2	0.2	0.5
23	16.0	24.0	18.6	89.6	19.657	17.2	2.0	0.0	2.0	1.6
24	14.6	25.5	20.8	70.0	17.625	15.5	0.0	0.0	0.0	6.6
25	16.5	25.6	20.8	78.0	19.367	16.9	0.0	30.0	30.0	4.8
26	15.0	23.5	18.7	84.2	18.486	16.2	4.5	1.5	6.0	3.6
27	15.5	20.5	18.2	92.1	19.441	17.0	0.8	1.7	2.5	0.0
28	15.0	22.5	17.7	88.8	18.522	16.3	0.0	0.0	0.0	1.0
29	15.3	21.5	18.6	86.2	19.043	16.7	8.5	0.0	8.5	1.2
30	15.2	25.0	20.0	80.8	18.828	16.5	0.0	0.2	0.2	7.9
PROM.	16.1	25.2	19.9	75.4	17.635	15.5	33.8	63.1	96.9	112.0

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	22.5	18.6	87.7	19.149	16.8	0.0	0.0	0.0	0.5
2	16.0	23.0	18.3	85.8	18.442	16.2	0.0	0.0	0.0	3.3
3	14.2	25.8	19.9	78.0	18.271	16.1	0.0	0.0	0.0	7.4
4	15.0	26.0	21.2	76.5	19.533	17.1	0.0	9.5	9.5	6.5
5	15.0	25.8	19.8	77.6	18.004	15.8	0.0	0.0	0.0	8.0
6	17.5	23.5	19.1	81.5	18.361	16.1	0.1	0.0	0.1	3.1
7	16.8	24.0	18.9	88.8	19.267	16.9	0.2	0.0	0.2	2.9
8	15.5	24.0	19.1	90.8	20.087	17.6	0.4	0.0	0.4	3.2
9	17.0	24.5	18.7	91.5	20.117	17.6	7.6	0.3	7.9	1.5
10	15.3	22.0	19.0	88.2	19.742	17.2	7.8	9.4	17.2	0.9
11	14.4	23.5	19.5	89.1	20.356	17.7	0.0	1.7	1.7	2.9
12	17.7	22.5	19.1	81.1	18.515	16.2	0.1	19.3	19.4	2.7
13	15.8	21.0	18.0	92.0	19.199	16.8	0.0	0.0	0.0	0.2
14	15.8	24.0	19.4	73.9	16.859	14.7	0.0	0.0	0.0	5.6
15	17.4	25.6	21.0	68.6	17.456	15.3	0.0	0.0	0.0	7.4
16	17.1	26.3	20.5	70.5	17.258	15.1	0.0	0.0	0.0	7.4
17	18.0	23.5	20.0	83.1	19.563	17.2	0.0	0.0	0.0	1.3
18	16.4	24.0	20.0	88.4	20.657	18.0	0.4	0.0	0.4	0.7
19	18.0	25.2	21.0	79.6	20.403	17.8	0.4	0.2	0.6	4.4
20	17.0	24.5	18.8	86.1	19.236	16.9	3.3	0.1	3.4	2.7
21	16.4	24.5	19.4	82.4	18.681	16.4	0.0	0.0	0.0	5.8
22	17.0	24.8	20.5	77.7	19.128	16.8	0.0	0.0	0.0	6.2
23	16.9	25.5	20.8	69.3	17.388	15.3	0.0	0.0	0.0	7.7
24	17.4	23.0	19.7	83.9	19.501	17.1	0.0	0.0	0.0	1.7
25	16.0	24.3	19.1	86.7	19.372	16.9	0.0	0.0	0.0	5.9
26	17.5	23.0	18.4	84.5	18.099	15.8	0.0	0.0	0.0	0.8
27	17.0	25.0	19.7	78.7	18.326	16.1	0.0	1.5	1.5	2.7
28	17.0	22.5	18.1	92.4	19.562	17.2	1.8	0.1	1.9	1.2
29	16.4	24.5	20.5	74.9	18.497	16.2	0.0	0.0	0.0	6.8
30	15.3	21.5	19.2	76.4	17.044	15.0	0.0	0.0	0.0	1.1
31	16.0	25.5	20.2	75.6	18.154	15.9	0.0	18.1	18.1	5.6
PROM.	16.4	24.0	19.5	82.0	18.847	16.5	22.1	60.2	82.3	118.1

ESTACION: GRANJA TIBACUY MUNICIPIO: TIBACUY AÑO: 1.977

ALTITUD: 1.550 LATITUD: 4-21 N. LONGITUD: 74-25 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	25.0	19.1	81.4	18.138	15.9	19.4	0.0	19.4	3.0
2	17.5	25.0	20.2	83.9	20.161	17.6	0.0	0.0	0.0	6.7
3	17.2	24.5	19.9	85.8	20.049	17.6	0.0	46.0	46.0	2.7
4	16.0	22.5	18.6	90.6	19.589	17.2	0.0	0.0	0.0	0.9
5	15.6	23.5	19.4	83.6	19.309	16.8	0.0	0.0	0.0	3.2
6	15.5	24.0	20.1	84.4	20.022	17.5	2.4	1.9	4.3	3.4
7	16.5	22.5	18.7	89.7	20.046	17.5	13.7	4.5	18.2	1.1
8	15.7	22.4	17.9	91.0	18.789	16.5	1.4	5.6	7.0	3.8
9	16.0	24.0	18.3	91.9	19.820	17.3	4.2	0.0	4.2	2.8
10	16.0	21.1	17.5	96.4	19.442	17.0	1.7	9.0	10.7	1.3
11	15.6	23.0	17.9	90.9	18.972	16.6	0.0	2.8	2.8	2.6
12	16.0	21.5	18.0	93.9	19.924	17.4	8.1	1.8	9.9	1.7
13	16.0	21.0	18.1	97.0	20.022	17.5	9.3	8.7	18.0	0.9
14	17.0	21.0	18.3	91.8	19.463	17.1	1.9	0.4	2.3	1.2
15	15.5	21.4	17.7	93.8	19.475	17.0	1.9	0.0	1.9	0.6
16	15.0	23.0	18.8	83.5	18.299	16.1	0.0	0.0	0.0	6.0
17	17.0	24.3	19.1	86.5	19.452	17.0	0.8	0.3	1.1	3.7
18	16.0	23.0	19.2	87.0	19.528	17.1	0.2	1.6	1.8	3.2
19	15.0	22.7	18.4	90.1	19.502	17.1	4.4	0.1	4.5	2.6
20	15.0	23.5	20.0	87.4	20.211	17.6	2.4	0.0	2.4	4.5
21	16.3	24.5	19.3	83.8	19.048	16.7	0.0	0.0	0.0	7.7
22	15.0	24.8	19.3	81.9	18.695	16.4	0.0	0.0	0.0	7.4
23	15.5	24.5	19.4	84.5	19.690	17.2	0.0	0.0	0.0	6.2
24	15.5	25.0	19.5	80.6	18.550	16.2	0.0	0.0	0.0	8.4
25	16.5	24.4	18.8	91.8	19.969	17.5	0.0	0.0	0.0	3.2
26	15.5	24.4	18.6	89.1	19.580	17.1	4.6	0.0	4.6	3.1
27	14.0	25.5	20.3	71.9	17.859	15.7	0.0	0.0	0.0	8.6
28	18.5	24.5	19.9	81.6	19.448	17.0	0.0	0.0	0.0	4.5
29	14.5	25.6	20.7	75.3	19.082	16.7	0.0	0.0	0.0	10.1
30	13.5	26.4	19.8	63.5	15.269	13.1	0.0	0.0	0.0	10.6
PROM.	15.8	23.6	19.0	86.2	19.247	16.8	76.4	82.7	159.1	125.7

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	23.6	18.9	85.4	19.109	16.7	0.0	0.0	0.0	6.1
2	13.5	24.0	19.2	88.7	19.893	17.4	0.0	3.3	3.3	5.9
3	17.0	22.5	18.8	87.8	19.544	17.1	0.0	2.6	2.6	3.2
4	14.2	24.0	18.8	82.6	18.421	16.2	0.0	12.1	12.1	3.6
5	16.0	23.5	19.3	87.1	19.847	17.4	0.0	9.6	9.6	5.4
6	14.6	24.0	19.3	79.1	18.152	15.9	0.0	0.0	0.0	9.2
7	13.5	23.5	19.4	71.3	16.497	14.3	0.0	0.0	0.0	6.7
8	14.6	23.3	19.0	72.0	16.209	14.2	0.0	0.0	0.0	5.8
9	14.6	24.0	19.1	82.0	18.793	16.5	0.0	0.0	0.0	4.1
10	14.5	25.5	19.7	81.6	19.088	16.7	0.0	0.0	0.0	6.4
11	14.4	23.0	18.1	84.1	17.816	15.7	0.0	0.0	0.0	4.5
12	17.5	23.2	20.0	80.5	19.028	16.7	0.0	0.0	0.0	5.0
13	16.6	24.5	19.1	83.9	18.980	16.6	0.0	0.0	0.0	6.2
14	15.0	24.5	19.0	87.5	19.818	17.4	1.8	0.0	1.8	3.6
15	18.0	24.0	20.2	84.8	20.249	17.7	0.0	0.0	0.0	3.7
16	18.0	24.9	19.9	84.2	20.000	17.5	0.0	0.0	0.0	7.4
17	15.0	25.7	20.7	74.8	18.759	16.5	0.0	0.0	0.0	9.5
18	14.0	25.0	19.6	82.8	19.201	16.8	0.0	0.0	0.0	8.0
19	14.3	24.0	18.1	85.7	17.975	15.8	0.7	0.1	0.8	6.9
20	15.2	25.0	19.8	76.6	17.962	15.8	0.0	0.0	0.0	8.7
21	15.0	25.6	19.0	78.2	17.502	15.4	0.0	0.0	0.0	7.9
22	15.1	25.5	19.6	79.3	18.058	15.9	0.0	0.0	0.0	4.4
23	17.0	25.5	20.6	73.1	17.574	15.4	0.0	0.0	0.0	4.2
24	17.5	27.0	21.3	79.3	19.973	17.5	0.0	0.0	0.0	8.6
25	16.0	26.5	21.6	71.8	18.813	16.5	0.0	0.0	0.0	8.3
26	15.5	25.5	20.2	84.0	19.800	17.3	0.0	0.0	0.0	3.2
27	15.8	26.0	19.0	84.2	18.492	16.2	4.0	0.7	4.7	5.1
28	16.5	22.5	19.0	92.2	20.410	17.8	0.5	0.2	0.7	0.0
29	15.0	24.0	19.2	86.0	19.245	16.9	0.3	0.1	0.4	2.3
30	15.0	24.5	19.9	81.8	18.870	16.5	0.0	5.4	5.4	6.6
31	16.6	24.0	19.7	84.6	19.319	17.0	0.0	0.0	0.0	4.1
PROM.	15.5	24.5	19.5	81.8	18.819	16.5	7.3	34.1	41.4	174.6

ESTACION: GRANJA TIBACUY MUNICIPIO TIBACUY AÑO: 1.977

ALTITUD: 1.550 LATITUD: 4-21 N. LONGITUD: 74-25 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.1	25.5	20.1	13.4	27.5	73.6	17.535	15.4	15.9	4	223.4
FEBRERO	15.4	24.9	19.8	13.8	27.7	76.0	17.664	15.5	10.4	4	132.8
MARZO	15.7	25.2	20.3	13.6	28.5	75.9	18.019	15.8	105.2	16	135.5
ABRIL	15.4	23.2	18.8	13.0	27.6	83.7	18.353	16.1	152.9	13	93.6
MAYO	16.0	23.2	18.8	13.4	26.0	85.7	18.820	16.5	54.5	12	80.9
JUNIO	15.3	23.6	18.8	13.4	25.5	80.3	17.689	15.5	33.5	11	109.4
JULIO	15.7	25.0	19.7	14.0	27.5	75.1	17.383	15.3	28.6	12	127.0
AGOSTO	15.7	25.4	19.6	13.5	27.5	75.1	17.138	15.0	1[illegible].1	11	127.3
SEPTIEMBRE	16.1	25.2	19.[illegible]	14.0	28.6	75.4	17.635	15.5	96.9	15	112.0
OCTUBRE	16.4	24.0	19.5	14.2	26.3	82.0	18.847	16.5	82.3	14	118.1
NOVIEMBRE	15.8	23.6	19.0	13.5	26.4	86.2	19.247	16.8	159.1	17	125.7
DICIEMBRE	15.5	24.5	19.5	13.5	27.0	81.8	18.819	16.5	41.4	10	174.6
PROMEDIO	15.7	24.4	19.5	13.6	27.2	79.2	18.096	15.9			
TOTAL									799.8	139	1560.3

ESTACION: JORGE VILLAMIL MUNICIPIO: GIGANTE AÑO: 1.977

ALTITUD: 1.500 LATITUD: 2-22 N. LONGITUD: 75-33 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	25.8	19.8	83.1	19.672	17.2	0.0	0.0	0.0	5.5
2	15.0	26.6	19.6	82.9	19.037	16.7	0.0	0.0	0.0	6.8
3	15.1	26.0	20.8	79.1	19.395	17.0	0.0	0.0	0.0	6.1
4	16.0	25.5	20.1	83.2	19.991	17.5	0.0	0.0	0.0	3.7
5	15.0	27.9	21.0	74.4	18.633	16.4	0.0	0.0	0.0	8.2
6	14.0	28.0	20.9	68.2	16.531	14.5	0.0	0.0	0.0	8.8
7	14.5	25.0	19.5	74.2	16.543	14.5	0.0	0.0	0.0	4.5
8	16.0	23.5	19.2	88.8	19.532	17.0	0.0	0.0	0.0	2.4
9	16.0	25.6	19.7	79.5	18.077	15.9	0.0	0.0	0.0	3.5
10	16.0	26.8	21.5	75.8	19.167	16.8	0.0	0.0	0.0	9.3
11	15.5	23.8	19.5	81.7	18.542	16.3	0.0	0.0	0.0	2.1
12	16.0	26.0	20.5	82.3	20.004	17.5	0.0	0.0	0.0	5.8
13	16.0	27.0	20.9	79.4	19.709	17.3	0.0	0.0	0.0	4.6
14	16.5	26.0	20.7	73.5	18.048	15.9	0.0	0.0	0.0	1.9
15	16.4	28.9	21.8	70.2	18.017	15.9	0.0	0.0	0.0	7.6
16	17.3	28.8	21.4	72.6	18.500	16.3	0.0	0.0	0.0	3.1
17	16.0	27.0	21.4	71.7	17.594	15.5	0.0	0.0	0.0	3.9
18	16.0	25.0	20.4	85.7	20.628	17.9	0.2	0.0	0.2	4.2
19	16.0	23.0	20.1	91.1	21.357	18.5	0.9	0.0	0.9	2.1
20	16.0	25.8	20.0	85.1	20.034	17.5	0.0	0.0	0.0	3.3
21	14.9	25.0	19.9	87.0	20.019	17.5	0.0	0.0	0.0	4.9
22	15.8	26.5	20.5	80.3	19.237	16.9	0.0	0.0	0.0	6.4
23	16.0	26.0	19.1	85.3	19.306	16.9	3.4	0.1	3.5	7.5
24	15.6	26.0	19.9	83.8	19.429	17.0	0.0	0.0	0.0	4.8
25	16.5	27.0	21.8	71.2	18.124	15.9	0.0	0.0	0.0	5.6
26	17.0	26.5	20.3	80.1	19.277	16.9	0.0	0.0	0.0	5.4
27	15.6	25.0	20.3	81.8	19.237	16.9	0.0	0.0	0.0	5.1
28	17.0	26.5	19.8	84.4	19.681	17.2	0.0	0.0	0.0	6.1
29	17.0	27.0	22.0	76.3	19.826	17.3	0.0	0.0	0.0	6.0
30	17.0	26.5	20.1	81.2	19.021	16.7	2.6	0.0	2.6	0.2
31	16.5	24.0	18.7	86.6	18.944	16.6	0.0	0.0	0.0	2.0
PROM.	15.9	26.1	20.4	80.0	19.068	16.7	7.1	0.1	7.2	151.4

M E S - FEBRERC

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	20.0	17.8	92.6	18.742	16.5	22.1	0.0	22.1	0.9
2	15.0	25.9	20.4	81.3	19.278	16.9	0.0	0.0	0.0	7.2
3	16.3	26.0	20.6	75.5	18.134	15.9	0.0	0.0	0.0	6.6
4	14.0	28.5	20.6	54.9	12.907	10.5	0.0	0.0	0.0	9.6
5	14.9	26.6	20.7	68.1	16.508	14.5	0.0	0.0	0.0	6.0
6	17.4	25.3	20.5	81.7	19.654	17.2	0.0	0.4	0.4	2.4
7	16.5	23.0	18.3	90.1	19.180	16.8	2.0	0.0	2.0	0.5
8	17.0	25.0	19.3	79.2	17.822	15.7	0.0	0.0	0.0	3.5
9	15.0	26.5	20.9	71.5	17.697	15.6	0.0	0.0	0.0	5.2
10	17.5	26.6	21.7	64.7	17.151	15.1	0.0	0.0	0.0	4.9
11	16.0	27.5	19.8	78.9	18.467	16.2	1.0	3.6	4.6	3.7
12	15.5	20.0	17.6	91.8	18.401	16.2	3.5	0.0	3.5	0.1
13	15.5	25.5	20.1	77.6	18.583	16.3	4.4	0.0	4.4	1.5
14	16.0	23.0	18.0	86.5	18.163	16.0	6.7	0.7	7.4	2.2
15	16.0	23.0	18.5	89.2	18.536	16.6	2.3	1.7	4.0	3.3
16	16.0	22.5	18.5	81.2	17.326	15.2	0.1	9.2	9.3	5.6
17	16.5	24.0	19.2	93.8	21.429	18.4	2.9	0.3	3.2	5.4
18	16.5	23.1	19.7	91.9	21.390	18.6	3.2	0.0	3.2	2.1
19	16.0	25.5	18.5	82.8	17.415	15.2	0.0	5.5	5.5	2.9
20	17.0	24.5	19.5	86.6	19.491	17.0	0.0	1.3	1.3	3.1
21	17.0	21.0	18.1	93.2	19.566	17.1	24.4	0.0	24.4	0.4
22	16.0	25.4	20.9	79.0	18.688	16.4	0.0	0.0	0.0	6.1
23	16.0	25.5	20.5	74.8	17.609	15.5	0.0	0.0	0.0	3.3
24	15.0	28.5	21.5	72.8	17.741	15.6	0.0	0.0	0.0	7.4
25	17.5	21.5	19.2	90.8	20.252	17.7	5.5	0.0	5.5	7.7
26	15.5	26.8	20.7	70.4	16.961	14.9	0.0	0.0	0.0	3.7
27	16.0	27.9	20.9	71.3	17.247	15.2	0.0	0.0	0.0	4.5
28	16.0	25.5	21.1	72.3	17.594	15.5	0.0	0.0	0.0	3.0
PROM.	16.1	24.8	19.8	80.2	18.293	16.0	78.1	22.7	100.8	112.3

ESTACION: JORGE VILLAMIL MUNICIPIO: GIGANTE AÑO: 1.977

ALTITUD: 1.500 LATITUD: 2-22 N. LONGITUD: 75-33 W.

M E S – MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	27.0	21.8	67.9	17.172	15.1	0.0	0.0	0.0	3.3
2	18.0	26.0	21.4	74.9	18.839	16.5	0.0	0.0	0.0	2.2
3	17.0	23.5	19.7	82.2	18.826	16.6	0.3	0.0	0.3	1.7
4	17.5	24.5	19.3	86.4	19.216	16.8	0.2	0.1	0.3	3.2
5	17.0	25.0	20.4	75.9	18.064	15.9	0.0	0.0	0.0	1.4
6	17.6	27.8	21.7	67.2	17.250	15.0	0.0	0.0	0.0	5.9
7	18.0	28.8	22.0	57.8	15.679	13.7	0.0	0.0	0.0	7.1
8	17.0	23.5	19.3	81.2	17.985	15.8	0.2	0.0	0.2	1.7
9	18.0	23.0	20.2	82.2	19.340	17.0	0.1	0.0	0.1	1.3
10	18.0	24.0	20.8	73.2	17.733	15.5	0.0	0.0	0.0	0.5
11	17.0	28.5	21.7	61.5	15.589	13.5	0.0	0.0	0.0	3.9
12	17.0	29.4	20.7	68.7	16.514	14.4	0.0	0.0	0.0	6.0
13	16.0	27.1	22.5	64.0	16.667	14.6	0.0	0.0	0.0	5.0
14	18.0	27.0	20.7	86.1	21.176	18.4	0.0	0.0	0.0	4.2
15	16.0	25.0	19.9	88.1	20.130	17.6	0.0	0.0	0.0	2.6
16	17.0	22.0	19.5	90.9	20.553	17.9	0.8	0.0	0.8	0.1
17	16.0	26.5	20.6	80.7	19.433	17.0	1.0	0.0	1.0	1.5
18	17.0	27.0	20.8	81.6	19.745	17.2	0.2	0.0	0.2	2.1
19	15.6	27.6	21.9	69.6	17.820	15.7	0.0	0.0	0.0	4.4
20	17.5	28.5	22.2	71.6	18.432	16.2	0.0	0.0	0.0	4.7
21	16.8	27.0	22.1	66.1	17.584	15.5	0.0	0.0	0.0	4.0
22	15.0	28.5	22.3	68.7	18.106	15.9	0.3	25.7	26.0	4.3
23	16.0	24.0	19.4	88.7	19.952	17.5	0.9	26.4	27.3	3.4
24	14.8	25.0	19.9	84.1	19.082	16.7	0.0	38.4	38.4	4.5
25	15.0	25.0	18.9	85.0	18.445	16.2	0.0	0.0	0.0	0.3
26	16.8	24.1	19.9	84.7	19.518	17.1	0.0	0.4	0.4	4.9
27	16.5	26.0	20.3	81.4	19.030	16.7	0.8	0.0	0.8	3.7
28	16.1	25.0	18.8	86.6	19.216	16.8	20.7	18.8	39.5	2.4
29	15.0	24.0	18.9	80.4	17.177	15.0	1.7	12.3	14.0	4.2
30	16.0	22.0	18.8	94.9	20.525	17.9	0.0	0.0	0.0	0.0
31	16.5	25.0	19.9	88.1	20.262	17.7	0.0	0.0	0.0	5.2
PROM.	16.6	25.7	20.5	78.1	18.550	16.2	27.2	122.1	149.3	59.7

M E S – ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	24.0	18.7	92.3	20.195	17.6	0.0	0.0	0.0	4.1
2	15.6	23.0	18.4	92.3	19.252	16.9	0.0	0.0	0.0	0.0
3	15.5	21.0	16.7	98.1	18.537	16.3	36.4	0.0	36.4	0.0
4	15.5	17.0	16.2	98.1	18.023	15.9	14.2	0.8	15.0	0.0
5	14.0	24.0	18.6	84.2	17.694	15.6	0.0	8.3	8.3	3.3
6	14.0	22.1	17.7	90.2	18.216	16.0	2.6	4.5	7.1	1.4
7	15.0	23.5	19.1	85.3	18.308	16.1	0.0	0.0	0.0	3.9
8	14.5	24.0	18.3	91.5	19.110	16.8	4.0	0.0	4.0	5.3
9	15.0	23.4	18.3	89.3	18.718	16.4	2.3	0.0	2.3	3.7
10	16.5	23.6	19.8	88.3	20.154	17.6	0.2	0.0	0.2	2.6
11	17.5	22.0	17.7	95.8	19.401	17.0	8.8	3.0	11.8	1.0
12	17.0	22.0	18.6	87.8	19.155	16.8	3.5	0.0	3.5	0.3
13	15.0	22.5	18.8	83.1	18.326	16.1	1.1	0.0	1.1	0.0
14	15.6	23.0	18.5	86.0	18.409	16.2	1.0	0.0	1.0	0.8
15	17.0	24.5	20.1	78.1	18.324	16.1	0.0	0.0	0.0	2.7
16	16.5	24.5	19.7	86.1	19.838	17.4	0.0	0.1	0.1	3.4
17	17.0	26.0	20.2	81.3	19.675	17.2	4.4	0.0	4.4	4.7
18	16.5	25.5	20.1	76.6	17.933	15.8	0.1	0.3	0.4	3.0
19	17.0	24.0	20.3	80.8	19.184	16.8	0.0	0.0	0.0	1.6
20	17.0	28.3	22.3	62.1	16.729	14.7	0.0	0.0	0.0	8.0
21	17.3	23.0	19.1	84.4	18.784	16.5	0.0	0.0	0.0	1.7
22	16.0	28.3	21.9	64.1	16.284	14.2	0.0	2.1	2.1	8.8
23	16.5	22.0	17.9	89.6	18.457	16.2	0.9	8.2	9.1	0.4
24	14.6	21.0	16.3	93.9	17.544	15.4	8.7	0.0	8.7	0.1
25	16.0	25.5	20.8	82.0	19.890	17.3	0.1	18.2	18.3	7.5
26	16.5	21.0	17.6	94.4	19.056	16.7	0.8	0.0	0.8	2.5
27	15.5	20.0	17.4	96.7	19.280	16.9	20.3	0.0	20.3	0.2
28	14.5	20.0	17.7	95.1	19.380	17.0	0.9	0.6	1.5	0.0
29	15.3	23.0	18.2	86.9	18.136	15.9	1.3	5.3	6.6	4.9
30	15.3	22.0	18.3	90.7	18.881	16.6	0.0	0.2	0.2	1.2
PROM.	15.8	23.1	18.8	86.9	18.696	16.4	111.6	51.6	163.2	77.1

ESTACION: JORGE VILLAMIL MUNICIPIO: GIGANTE AÑO: 1.977

ALTITUD: 1.500 LATITUD: 2-22 N. LONGITUD: 75-33 W.

M E S — MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	24.0	19.1	84.8	18.448	16.2	0.0	0.0	0.0	5.9
2	16.5	24.0	19.3	87.0	19.397	17.0	2.5	0.0	2.5	2.7
3	16.0	26.5	20.6	78.3	18.927	16.6	0.0	0.0	0.0	5.6
4	16.0	27.0	20.3	78.8	18.648	16.4	2.1	0.0	2.1	5.9
5	15.0	23.0	19.1	91.4	20.349	17.7	1.5	0.0	1.5	4.6
6	14.8	21.0	17.3	89.9	17.662	15.6	3.7	0.0	3.7	2.5
7	15.5	24.0	19.0	84.3	18.283	16.1	0.2	0.5	0.7	3.1
8	16.0	24.0	19.2	85.1	18.736	16.5	0.0	0.0	0.0	3.4
9	16.0	25.5	22.1	71.8	18.058	15.9	0.0	2.1	2.1	5.9
10	16.0	25.0	20.9	81.2	18.962	16.7	0.3	0.9	1.2	3.7
11	16.4	23.0	19.0	89.0	19.512	17.1	1.4	1.6	3.0	2.2
12	15.6	24.1	19.3	86.1	18.956	16.6	0.0	0.0	0.0	4.6
13	15.0	25.0	20.4	82.8	19.598	17.2	0.0	0.0	0.0	5.2
14	16.0	25.0	20.6	75.1	17.962	15.7	0.0	3.7	3.7	2.8
15	16.5	21.0	18.5	87.9	17.928	15.8	26.2	0.8	27.0	0.3
16	15.6	21.0	17.4	98.4	19.609	17.2	6.7	0.0	6.7	0.8
17	16.0	23.5	19.3	83.0	18.469	16.2	0.0	0.0	0.0	1.3
18	15.0	26.0	18.7	82.7	17.756	15.6	0.6	0.0	0.6	6.6
19	15.5	23.6	20.8	77.9	18.302	16.1	3.1	0.0	3.1	6.0
20	14.0	23.6	18.5	84.5	17.728	15.6	0.5	0.0	0.5	2.6
21	14.5	25.0	18.4	83.1	17.445	15.3	0.0	0.0	0.0	2.1
22	15.4	24.4	19.0	81.0	17.821	15.7	0.5	0.0	0.5	4.4
23	15.5	22.5	16.8	98.4	19.039	16.7	14.6	0.2	14.8	1.5
24	15.5	21.5	17.8	94.0	19.175	16.8	1.6	0.0	1.6	0.5
25	15.5	19.0	17.0	98.7	19.021	16.7	8.2	0.7	8.9	0.1
26	15.5	23.3	18.9	84.7	18.450	16.2	0.7	0.0	0.7	4.6
27	15.0	20.0	17.2	90.6	17.759	15.6	2.6	0.0	2.6	0.1
28	15.5	24.4	19.8	76.8	17.630	15.4	0.3	0.0	0.3	4.2
29	16.0	22.0	17.8	89.7	18.242	16.0	1.8	0.0	1.8	0.3
30	16.5	23.0	17.9	85.8	17.679	15.5	14.4	0.4	14.8	1.8
31	13.3	25.0	18.2	79.1	16.268	14.2	0.2	0.0	0.2	4.0
PROM.	15.5	23.5	19.0	85.2	18.446	16.2	93.7	10.9	104.6	99.3

M E S — JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	27.0	20.6	66.9	15.602	13.6	0.7	0.0	0.7	6.8
2	16.0	21.0	18.7	96.1	20.683	17.9	5.5	1.2	6.7	0.6
3	15.5	24.0	19.4	83.7	18.911	16.6	0.0	0.0	0.0	4.7
4	16.1	22.5	19.1	95.1	20.945	18.2	15.4	0.0	15.4	2.5
5	15.6	24.1	19.2	80.3	17.826	15.7	0.0	13.2	13.2	3.4
6	14.8	20.5	17.6	90.9	18.189	16.0	3.1	0.0	3.1	4.9
7	15.1	24.0	17.7	87.8	18.076	15.9	6.7	0.5	7.2	1.3
8	13.6	24.3	18.7	77.9	16.659	14.5	0.1	0.0	0.1	5.4
9	15.5	24.0	19.0	75.6	16.703	14.7	0.7	0.0	0.7	5.4
10	15.0	23.0	19.0	85.4	18.581	16.4	0.0	0.0	0.0	0.8
11	15.5	25.8	18.8	83.5	18.291	16.1	50.3	3.0	53.3	4.8
12	14.8	19.0	16.1	94.0	17.127	15.0	7.7	9.4	17.1	3.4
13	14.1	24.0	18.6	83.7	17.663	15.5	0.0	0.0	0.0	2.7
14	14.3	23.1	17.7	80.8	16.314	14.3	0.3	0.0	0.3	1.8
15	14.0	24.0	18.2	80.4	16.667	14.7	0.0	0.0	0.0	6.7
16	15.0	22.0	17.6	94.7	19.210	16.9	0.0	0.0	0.0	2.6
17	15.5	24.0	18.2	83.7	17.696	15.6	1.8	2.4	4.2	4.9
18	15.0	23.0	18.8	81.1	17.626	15.5	1.8	0.0	1.8	7.0
19	15.0	24.5	19.0	83.1	18.349	16.0	1.8	0.0	1.8	4.3
20	15.5	24.5	18.7	82.7	17.920	15.8	1.2	1.0	2.2	4.9
21	16.5	24.5	19.4	82.6	18.723	16.4	3.3	0.1	3.4	5.9
22	15.5	26.0	20.0	79.5	18.438	16.2	0.0	0.0	0.0	3.0
23	16.0	24.5	19.5	81.6	18.439	16.2	2.2	0.0	2.2	2.9
24	15.5	24.0	19.1	82.0	18.247	16.0	0.3	7.7	8.0	4.1
25	16.0	24.0	19.0	85.9	18.333	16.1	0.4	0.9	1.3	2.4
26	16.0	26.0	19.0	86.6	19.020	16.7	0.0	0.0	0.0	3.3
27	15.7	21.7	18.4	83.8	17.938	15.8	0.2	0.0	0.2	3.2
28	14.0	17.0	15.4	92.8	16.335	14.3	1.1	1.9	3.0	0.5
29	16.0	24.3	19.6	84.5	19.445	17.1	1.3	5.2	6.5	2.3
30	16.0	21.5	18.7	88.9	19.332	16.9	16.5	0.0	16.5	2.0
PROM.	15.3	23.3	18.6	84.5	18.110	15.9	122.4	46.5	168.9	108.5

ESTACION: JORGE VILLAMIL MUNICIPIO: GIGANTE AÑO: 1.977

ALTITUD: 1.500 LATITUD: 2-22 N. LONGITUD: 75-33 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	22.0	19.4	75.6	16.968	14.8	0.0	6.4	6.4	2.8
2	14.1	25.0	17.9	80.2	16.596	14.6	0.0	0.0	0.0	9.5
3	15.1	22.0	18.6	89.8	19.375	17.0	3.8	0.0	3.8	5.3
4	16.0	24.0	19.1	75.5	16.753	14.7	0.8	0.0	0.8	2.4
5	15.0	21.4	17.6	91.3	18.292	16.0	4.2	0.6	4.8	1.1
6	14.1	24.0	18.1	88.6	18.527	16.3	5.5	4.9	10.4	2.6
7	14.0	20.2	16.0	89.7	16.471	14.5	13.1	0.0	13.1	0.6
8	16.0	23.3	20.0	79.0	18.265	16.1	4.1	0.0	4.1	2.6
9	16.1	22.1	17.4	92.2	18.444	16.2	5.8	0.4	6.2	0.8
10	15.1	25.0	19.6	78.5	18.082	15.9	0.0	0.0	0.0	4.8
11	15.5	22.0	18.9	85.3	18.713	16.4	0.0	1.2	1.2	1.5
12	15.5	24.0	18.2	87.7	18.624	16.4	0.8	0.0	0.8	5.0
13	15.1	24.0	19.2	87.2	19.799	17.3	3.6	0.0	3.6	3.8
14	16.0	25.0	19.3	83.1	18.625	16.4	0.2	3.3	3.5	6.3
15	16.0	26.0	20.7	82.1	19.964	17.5	0.5	7.6	8.1	6.1
16	16.0	24.0	22.1	76.1	19.630	17.2	0.0	0.0	0.0	1.9
17	15.2	25.0	19.3	81.1	17.949	15.7	0.0	0.0	0.0	2.8
18	17.5	25.6	20.5	70.7	17.451	15.3	0.0	0.0	0.0	6.5
19	15.5	24.5	19.2	83.5	18.614	16.4	0.0	0.0	0.0	2.3
20	15.0	25.1	20.8	82.7	20.133	17.6	0.0	0.0	0.0	2.8
21	15.2	27.0	20.8	66.2	16.147	14.2	0.0	0.0	0.0	5.7
22	16.0	26.0	20.5	70.8	17.084	15.0	0.0	0.0	0.0	8.6
23	17.1	24.0	20.4	75.4	17.977	15.8	0.0	0.0	0.0	3.5
24	16.0	24.5	19.7	85.8	19.572	17.5	0.2	1.8	2.0	3.5
25	16.0	23.3	18.3	86.0	18.404	16.2	0.7	0.0	0.7	3.4
26	15.0	23.0	19.4	87.1	19.311	16.8	0.9	0.0	0.9	4.0
27	15.6	20.0	17.6	97.5	19.413	17.0	4.0	3.2	7.2	4.2
28	13.6	23.1	17.4	89.3	17.838	15.7	0.0	0.0	0.0	0.3
29	13.1	22.4	17.2	76.5	15.216	13.1	0.0	0.0	0.0	5.6
30	13.1	24.1	19.9	76.1	17.268	15.2	0.0	0.0	0.0	3.1
31	13.1	26.0	18.7	86.1	18.593	16.3	7.5	0.0	7.5	4.4
PROM.	15.2	23.8	19.1	82.5	18.210	16.0	55.7	29.4	85.1	119.8

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.1	24.0	18.4	84.3	17.721	15.6	0.0	5.7	5.7	2.8
2	15.0	25.0	19.3	83.9	18.506	16.3	0.2	0.0	0.2	3.3
3	17.1	22.0	17.7	93.1	18.935	16.6	6.6	0.9	7.5	1.2
4	15.0	23.6	18.6	84.0	18.047	15.9	3.7	0.3	4.0	1.3
5	15.8	24.0	19.3	91.1	20.447	17.9	0.0	1.4	1.4	3.9
6	16.0	22.0	18.3	98.5	20.850	18.1	2.6	0.6	3.2	1.9
7	17.1	25.3	20.1	79.1	19.108	16.8	0.0	0.0	0.0	3.1
8	17.1	26.3	21.2	79.7	19.939	17.4	0.0	0.0	0.0	4.0
9	15.7	26.2	21.1	68.4	16.921	14.7	0.2	0.0	0.2	4.4
10	16.6	26.0	21.0	73.0	18.544	16.2	0.0	0.0	0.0	2.0
11	15.0	30.3	21.3	67.4	16.451	14.3	0.0	0.0	0.0	9.1
12	17.0	29.6	22.1	74.7	19.456	17.0	0.9	0.7	1.6	7.8
13	17.0	27.1	22.2	76.0	19.788	17.3	0.9	0.0	0.9	6.3
14	16.6	27.1	20.6	91.8	22.441	19.3	10.6	3.6	14.2	3.7
15	16.0	27.1	21.3	75.8	19.396	17.0	9.5	0.6	10.1	4.1
16	16.0	24.0	19.6	87.6	19.998	17.5	0.5	0.0	0.5	3.8
17	15.0	26.8	21.3	71.0	18.575	16.3	0.0	0.0	0.0	6.4
18	15.9	25.4	19.4	76.9	17.360	15.2	0.0	0.0	0.0	4.3
19	16.1	27.1	21.4	73.0	18.604	16.3	0.0	0.0	0.0	8.6
20	16.4	26.5	20.7	87.3	21.228	18.4	0.8	0.1	0.9	2.6
21	16.0	26.3	20.3	85.0	20.282	17.7	4.9	0.0	4.9	2.6
22	15.5	25.5	20.5	79.2	18.945	16.4	5.0	0.0	5.0	3.7
23	15.0	28.0	20.6	62.3	14.435	12.4	0.0	0.0	0.0	9.8
24	15.9	26.8	21.1	73.9	18.175	15.8	0.0	0.0	0.0	3.8
25	15.8	22.0	19.0	87.4	19.284	16.9	7.0	0.0	7.0	1.7
26	16.5	21.0	18.5	88.4	18.952	16.7	7.2	0.1	7.3	0.6
27	16.0	25.5	19.1	83.2	18.343	16.1	1.8	0.0	1.8	5.5
28	16.0	26.0	22.1	75.2	19.311	16.9	1.4	0.0	1.4	5.6
29	16.8	26.5	19.3	87.3	19.884	17.4	0.2	0.0	0.2	3.2
30	18.0	27.3	21.8	75.2	19.671	17.3	0.0	1.4	1.4	4.7
31	16.4	22.1	18.6	88.3	18.888	16.6	0.0	0.3	0.3	0.9
PROM.	16.1	25.6	20.2	80.7	18.985	16.6	64.0	15.7	79.7	126.7

ESTACION: JORGE VILLAMIL MUNICIPIO: GIGANTE AÑO: 1.977

ALTITUD: 1.500 LATITUD: 2-22 N. LONGITUD: 75-33 W.

M E S – SEPTIEMERE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	24.2	19.4	81.8	18.402	16.2	0.0	0.0	0.0	7.6
2	16.5	26.5	19.6	76.2	16.932	14.9	0.0	2.8	2.8	1.3
3	16.0	22.4	18.4	87.5	18.679	16.4	3.0	0.0	3.0	1.1
4	15.0	24.5	18.7	93.3	20.630	18.0	2.1	0.0	2.1	3.7
5	15.5	22.5	19.0	87.9	19.645	17.2	0.0	0.0	0.0	2.4
6	15.6	23.8	18.3	85.4	18.084	15.9	0.1	0.0	0.1	2.3
7	15.0	28.0	20.9	68.2	15.814	13.8	0.0	0.0	0.0	7.7
8	16.8	23.3	18.2	88.9	18.791	16.5	4.5	0.4	4.9	2.4
9	16.0	24.5	19.3	88.1	19.675	17.2	0.0	2.0	2.0	2.5
10	16.0	23.9	18.9	87.0	19.064	16.7	0.9	0.0	0.9	3.4
11	16.0	23.0	18.3	81.3	17.235	15.2	1.0	0.0	1.0	1.7
12	15.0	24.5	19.2	84.2	19.150	16.7	0.0	0.0	0.0	0.8
13	15.0	26.6	20.3	66.8	15.740	13.7	0.0	0.0	0.0	2.5
14	18.0	23.8	20.4	81.9	19.750	17.3	1.0	0.0	1.0	0.6
15	17.5	24.9	20.5	81.8	19.709	17.2	2.3	3.9	6.2	2.2
16	15.5	24.1	18.5	90.1	19.238	16.9	0.4	0.0	0.4	3.3
17	16.4	27.5	20.7	73.1	17.877	15.7	0.4	0.0	0.4	8.5
18	15.5	27.5	20.5	76.8	18.157	15.9	0.0	0.0	0.0	2.1
19	17.0	26.8	20.5	79.2	19.035	16.7	0.0	0.0	0.0	4.5
20	17.1	26.8	19.1	88.8	19.838	17.3	0.5	6.0	6.5	5.3
21	16.0	24.4	19.4	81.1	17.871	15.7	5.9	0.0	5.9	0.5
22	16.0	24.8	19.8	80.8	18.492	16.2	0.9	0.0	0.9	1.4
23	17.0	27.9	21.3	74.3	18.624	16.3	0.0	0.0	0.0	8.5
24	17.0	26.9	20.1	78.3	18.167	16.0	0.8	0.0	0.8	0.0
25	16.8	22.0	18.4	89.5	19.183	16.8	5.3	0.3	5.6	2.5
26	15.5	23.0	20.6	85.5	20.551	17.9	0.1	4.7	4.8	0.8
27	16.5	22.5	18.9	92.9	20.552	17.9	0.0	0.2	0.2	0.7
28	16.0	24.0	19.2	87.6	19.848	17.4	0.9	10.1	11.0	3.8
29	16.0	23.0	19.3	88.9	19.770	17.3	9.0	0.0	9.0	2.7
30	16.0	23.5	19.1	89.4	19.997	17.5	8.9	0.4	9.3	1.9
PROM.	16.2	24.7	19.5	83.2	18.817	16.5	48.0	30.8	78.8	88.7

M E S – OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	22.0	18.5	93.0	19.878	17.3	18.9	5.5	24.4	0.0
2	16.0	24.0	19.6	85.8	19.566	17.2	1.2	0.0	1.2	3.4
3	16.5	27.1	20.8	80.2	19.894	17.4	0.6	0.0	0.6	2.9
4	16.5	26.0	20.5	83.9	19.962	17.4	0.7	0.0	0.7	4.0
5	16.5	24.5	19.3	84.2	19.129	16.8	0.6	0.0	0.6	2.6
6	15.5	24.5	19.9	74.0	17.251	15.0	0.0	0.0	0.0	3.5
7	16.0	23.5	19.7	89.8	20.966	18.2	3.9	0.0	3.9	2.4
8	16.5	24.0	19.7	91.8	21.181	18.4	0.0	1.8	1.8	1.9
9	17.0	22.3	17.7	97.8	19.957	17.5	55.6	0.0	55.6	0.0
10	16.5	23.5	19.0	92.2	20.264	17.6	0.0	0.0	0.0	1.0
11	16.5	22.0	19.0	85.7	18.927	16.6	4.2	0.5	4.7	0.1
12	17.0	23.4	18.6	85.9	18.273	16.0	2.4	2.1	4.5	2.8
13	16.5	22.5	18.8	88.0	19.259	16.9	6.2	0.0	6.2	0.3
14	16.0	24.5	19.6	81.2	18.312	16.0	0.0	0.0	0.0	5.2
15	16.0	26.6	20.7	79.2	19.156	16.8	0.1	0.0	0.1	3.0
16	16.5	27.5	21.2	77.6	19.410	17.0	2.2	0.0	2.2	6.3
17	17.5	25.0	20.6	86.8	21.244	18.4	9.0	0.0	9.0	3.7
18	17.0	26.5	20.7	83.0	20.255	17.7	0.0	0.0	0.0	3.6
19	16.5	27.2	19.4	65.7	19.099	16.8	0.5	0.0	0.5	3.6
20	16.5	22.0	18.8	86.3	18.942	16.5	0.6	1.0	1.6	0.5
21	16.0	26.3	20.7	73.7	17.996	15.8	0.0	0.1	0.1	2.8
22	17.0	24.3	20.5	70.2	16.726	14.6	0.5	0.0	0.5	2.6
23	16.0	25.5	20.5	68.6	16.486	14.4	0.4	0.0	0.4	4.9
24	16.5	24.0	19.4	86.2	19.635	17.2	8.6	0.0	8.6	1.0
25	17.0	25.4	20.6	79.4	19.083	16.8	17.0	0.0	17.0	2.4
26	17.5	24.5	19.8	77.1	18.395	16.2	8.1	0.0	8.1	0.9
27	16.0	26.8	20.6	61.9	15.039	13.1	0.0	0.0	0.0	4.3
28	16.4	23.1	18.8	74.7	16.249	14.2	9.9	0.0	9.9	0.8
29	15.0	28.0	20.1	73.5	16.878	14.9	0.4	0.0	0.4	6.6
30	17.0	23.8	19.1	79.6	17.799	15.6	2.0	0.0	2.0	3.4
31	15.5	25.6	20.9	65.1	16.136	14.1	0.0	0.6	0.6	4.3
PROM.	16.4	24.7	19.8	81.4	18.753	16.4	153.6	11.6	165.2	84.8

ESTACION: JORGE VILLAMIL MUNICIPIO: GIGANTE AÑO: 1.977

ALTITUD: 1.500 LATITUD: 2-22' N. LONGITUD: 75-33 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.1	25.3	20.4	78.4	19.378	17.0	2.5	0.0	2.5	2.8
2	16.0	25.9	21.4	74.3	18.810	16.4	0.0	0.9	0.9	8.5
3	16.0	25.5	20.1	76.0	17.785	15.7	0.0	3.2	3.2	2.1
4	17.0	22.0	18.6	85.8	18.573	16.3	1.5	0.0	1.5	0.0
5	16.3	25.8	20.7	67.9	16.514	14.5	0.0	0.0	0.0	5.9
6	17.1	22.8	19.0	83.5	18.340	16.1	0.1	0.0	0.1	0.9
7	17.1	25.0	19.9	82.0	19.200	16.8	6.3	3.8	10.1	3.8
8	16.0	24.5	19.5	80.0	18.178	16.0	0.0	0.0	0.0	2.4
9	14.5	25.0	19.6	77.4	17.602	15.5	0.0	2.7	2.7	5.5
10	16.0	23.3	18.8	83.0	18.257	16.0	13.2	0.0	13.2	3.4
11	16.1	21.5	19.1	86.6	19.163	16.8	0.2	0.0	0.2	0.7
12	16.0	22.4	19.2	89.6	19.924	17.5	0.0	0.6	0.6	0.6
13	16.0	23.0	18.3	89.8	18.869	16.6	15.2	18.2	33.4	0.8
14	15.1	23.1	18.8	86.4	18.850	16.6	0.3	0.0	0.3	3.7
15	15.1	24.0	20.2	75.9	18.272	16.0	0.0	5.7	5.7	6.4
16	16.1	23.3	18.7	81.6	17.768	15.6	15.5	0.4	15.9	0.6
17	15.5	25.0	19.9	77.3	17.976	15.8	0.4	1.0	1.4	2.9
18	15.5	23.5	18.4	77.6	16.445	14.4	0.0	0.1	0.1	2.9
19	14.6	23.0	18.1	87.1	17.964	15.8	0.1	0.0	0.1	5.6
20	15.0	24.3	18.9	83.4	17.939	15.8	7.4	0.3	7.7	4.6
21	15.0	25.5	21.3	74.3	18.910	16.6	0.0	0.5	0.5	4.7
22	17.1	26.3	20.8	68.8	16.941	14.9	0.0	0.0	0.0	4.6
23	16.3	24.8	19.6	77.5	17.667	15.5	1.3	0.9	2.2	2.1
24	16.8	25.5	20.4	70.7	17.107	15.0	6.2	0.0	6.2	1.8
25	17.8	24.5	19.5	77.1	17.441	15.3	1.6	0.0	1.6	0.5
26	17.0	24.5	21.1	65.2	15.979	14.0	0.0	0.0	0.0	1.1
27	16.5	25.5	20.6	70.7	16.791	14.7	0.4	0.2	0.6	6.8
28	17.3	25.6	21.0	73.7	18.244	15.9	0.0	0.0	0.0	3.7
29	16.5	26.9	21.2	64.0	16.416	14.4	0.0	0.0	0.0	5.0
30	15.3	26.8	21.1	75.4	19.351	16.8	0.0	0.0	0.0	6.7
PROM.	16.1	24.5	19.8	78.0	18.022	15.8	72.2	38.5	110.7	99.1

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	26.8	21.4	69.8	17.840	15.7	0.0	0.0	0.0	7.0
2	17.0	24.0	20.8	79.4	19.412	17.0	1.4	7.6	9.0	4.2
3	17.0	23.0	19.3	80.8	18.325	16.1	5.9	0.0	5.9	0.8
4	16.5	23.3	19.9	73.9	17.164	15.1	0.0	0.0	0.0	1.0
5	15.0	26.0	20.8	69.7	17.005	14.9	1.1	0.0	1.1	4.8
6	16.0	26.1	20.2	68.4	16.456	14.4	0.0	0.0	0.0	5.9
7	14.3	23.0	20.2	71.3	16.878	14.8	0.0	0.0	0.0	1.6
8	15.0	24.2	19.0	73.4	16.312	14.3	0.0	0.0	0.0	1.9
9	16.6	25.8	20.4	73.2	17.500	15.4	0.0	0.0	0.0	4.0
10	14.6	27.0	20.9	64.6	15.890	13.9	0.0	0.0	0.0	7.1
11	16.0	25.5	20.3	76.5	18.020	15.9	0.7	0.0	0.7	5.1
12	16.5	27.0	20.8	72.2	18.129	15.9	3.8	0.0	3.8	5.1
13	16.0	26.4	21.0	65.9	16.419	14.4	0.0	0.0	0.0	6.8
14	15.0	25.5	19.7	80.6	18.840	16.5	0.0	0.6	0.6	5.3
15	16.6	25.5	20.5	76.9	18.809	16.5	0.1	0.0	0.1	5.9
16	16.6	26.4	20.9	77.9	19.150	16.8				5.2
17	15.5	25.5	19.8	79.2	18.432	16.2				6.0
18	15.5	24.5	19.1	86.0	19.182	16.8				3.4
19	14.5	24.0	19.7	78.8	18.237	16.0				4.2
20	16.5	25.6	19.7	81.6	19.045	16.7				5.5
21	16.6	28.0	20.2	67.8	16.239	14.2				5.9
22	16.5	28.0	19.6	73.8	16.921	14.8				2.9
23	17.0	24.5	20.4	70.7	17.124	15.1				1.2
24	17.5	26.5	21.0	67.0	16.468	14.4				5.7
25	16.5	28.5	21.7	63.1	16.017	13.9				7.2
26	16.5	27.5	23.2	63.0	17.802	15.6				8.4
27	17.5	23.5	19.7	84.4	19.436	17.0				0.2
28	16.0	23.0	18.6	90.7	19.481	17.1				0.5
29	17.0	25.0	19.9	79.0	18.262	16.0				7.5
30	16.8	23.0	19.0	80.6	17.721	15.6				2.1
31	16.0	24.5	20.1	84.0	19.562	17.1				2.4
PROM.	16.1	25.4	20.3	75.0	17.809	15.6				136.8

ESTACION: JORGE VILLAMIL MUNICIPIO GIGANTE AÑO: 1.977

ALTITUD: 1.500 LATITUD: 2-22 N. LONGITUD: 75-33 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias lluvias	
ENERO	15.9	26.1	20.4	14.0	28.9	80.0	19.068	16.7	7.2	4	151.4
FEBRERO	16.1	24.8	19.8	14.0	28.5	80.2	18.298	16.0	100.8	15	112.8
MARZO	16.6	25.7	20.5	14.8	29.4	76.1	18.550	16.2	149.3	14	99.7
ABRIL	15.8	23.1	18.8	14.0	28.3	86.9	18.696	16.4	163.2	23	77.1
MAYO	15.5	23.5	19.0	13.3	27.0	85.2	18.446	16.2	104.6	24	99.3
JUNIO	15.3	23.3	18.6	13.6	27.0	84.5	18.110	15.9	168.9	23	108.5
JULIO	15.2	23.8	19.1	13.1	27.0	82.5	18.210	16.0	85.1	18	119.8
AGOSTO	16.1	25.0	20.2	14.1	30.3	80.7	18.585	16.6	79.7	22	126.7
SEPTIEMBRE	16.2	24.7	19.5	15.0	28.0	83.2	18.817	16.5	78.8	22	68.7
OCTUBRE	16.4	24.7	19.8	15.0	28.0	81.4	18.753	16.4	165.2	26	84.8
NOVIEMBRE	16.1	24.5	19.8	14.5	26.9	78.0	18.022	15.8	110.7	23	99.1
DICIEMBRE	16.1	25.4	20.3	14.3	28.5	75.0	17.809	15.6			138.8
PROMEDIO	15.9	24.6	19.7	14.1	28.2	81.3	18.480	16.2			
TOTAL											1306.7

ESTACION: OSPINA PEREZ MUNICIPIO: CONSACA AÑO: 1.977

ALTITUD: 1.700 LATITUD: 1-16 N. LONGITUD: 77-28 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	25.0	18.7	84.0	17.877	15.7	0.2	0.4	0.6	5.5
2	13.5	23.8	18.7	84.5	17.954	15.7	0.0	0.0	0.0	5.1
3	13.1	24.0	19.0	78.3	16.605	14.5	0.0	0.0	0.0	8.2
4	14.0	24.5	19.4	78.3	17.446	15.3	0.0	0.0	0.0	6.1
5	14.5	28.0	21.1	63.2	15.006	13.0	0.0	0.0	0.0	10.1
6	14.6	26.4	20.4	61.5	14.168	11.9	0.0	0.0	0.0	9.7
7	13.8	23.5	18.6	73.6	15.512	13.4	0.0	0.0	0.0	2.8
8	16.0	22.5	19.0	87.7	19.248	16.9	1.1	0.2	1.3	0.6
9	14.8	26.0	20.3	74.5	17.366	15.3	0.0	0.0	0.0	9.9
10	14.6	25.2	18.7	79.1	16.803	14.7	0.1	0.0	0.1	8.1
11	13.5	25.0	19.8	71.3	15.844	13.8	0.0	0.0	0.0	9.2
12	12.5	25.5	19.1	73.1	15.542	13.5	0.0	0.0	0.0	8.4
13	13.0	26.0	20.6	66.9	15.593	13.6	0.0	0.0	0.0	10.1
14	14.5	25.4	20.1	77.1	17.762	15.6	0.0	0.0	0.0	7.0
15	16.0	26.0	20.0	78.2	17.946	15.8	0.0	0.0	0.0	7.3
16	14.0	27.0	19.9	75.7	17.155	15.1	0.0	0.0	0.0	10.4
17	14.5	24.8	19.8	77.7	17.678	15.5	0.0	0.0	0.0	3.6
18	14.5	27.0	20.2	74.9	17.072	15.0	0.0	24.5	24.5	9.3
19	17.0	23.5	19.2	81.9	18.530	16.3	4.8	0.0	4.8	0.9
20	16.0	26.5	20.2	79.5	18.589	16.3	0.0	2.5	2.5	8.2
21	16.5	27.0	21.4	73.3	18.157	16.0	0.0	0.0	0.0	9.8
22	15.0	26.8	19.7	75.7	17.206	15.1	0.0	0.0	0.0	9.7
23	16.5	25.8	19.9	79.5	18.148	15.9	0.0	4.8	4.8	4.9
24	16.6	26.5	20.5	79.1	18.796	16.5	0.0	0.0	0.0	5.6
25	13.6	27.0	19.4	73.6	15.845	13.7	0.0	0.0	0.0	10.1
26	14.0	26.0	19.8	75.9	17.254	15.2	0.0	0.0	0.0	9.6
27	14.8	25.0	20.1	78.1	18.216	16.0	0.0	0.0	0.0	7.6
28	14.0	26.0	19.5	78.9	17.758	15.6	0.0	2.8	2.8	9.2
29	14.5	25.5	18.9	83.7	18.076	15.9	0.5	0.0	0.5	4.8
30	14.6	26.5	19.3	76.9	16.905	14.8	0.0	1.5	1.5	8.0
31	14.5	23.0	18.1	87.6	18.079	15.9	0.0	0.0	0.0	2.3
PROM.	14.6	25.5	19.7	76.9	17.230	15.1	6.7	36.7	43.4	222.1

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	24.5	18.4	81.6	17.363	15.3	2.2	0.1	2.3	3.0
2	14.5	22.5	18.3	83.7	17.374	15.3	0.0	0.4	0.4	1.7
3	14.8	26.6	20.3	75.8	17.830	15.7	0.0	0.0	0.0	8.8
4	14.5	27.0	20.0	62.6	13.761	11.5	0.0	0.0	0.0	10.7
5	14.5	25.6	19.2	74.8	16.258	14.2	0.0	0.0	0.0	5.8
6	16.0	23.0	18.6	84.0	17.783	15.7	0.0	0.1	0.1	0.8
7	16.5	22.5	18.0	91.5	19.239	16.9	0.6	0.0	0.6	3.3
8	15.0	29.0	21.4	60.0	14.385	12.3	0.0	0.0	0.0	7.2
9	13.5	28.0	19.5	74.1	16.586	14.5	0.0	0.0	0.0	7.3
10	14.0	26.5	20.0	75.9	17.243	15.2	0.0	0.0	0.0	6.1
11	14.0	23.0	18.4	82.4	17.145	15.1	0.0	0.0	0.0	1.0
12	15.0	23.6	18.9	82.5	17.877	15.7	0.2	0.1	0.3	2.5
13	16.1	25.8	19.9	79.4	18.058	15.9	1.2	0.3	1.5	3.4
14	14.0	25.0	19.2	81.6	18.012	15.9	0.0	0.6	0.6	4.4
15	15.5	22.6	18.7	85.9	18.362	16.2	0.4	4.1	4.5	1.7
16	15.0	24.5	18.8	81.8	17.494	15.4	0.0	0.1	0.1	4.2
17	14.5	25.5	19.6	80.6	18.176	16.0	0.0	0.0	0.0	1.8
18	14.0	23.5	19.3	80.8	17.622	15.5	0.0	0.0	0.0	2.0
19	14.6	24.1	19.1	81.9	17.852	15.7	0.0	3.3	3.3	1.2
20	15.0	23.0	17.9	85.0	17.356	15.3	1.7	10.8	12.5	0.2
21	14.8	23.5	18.8	81.6	17.442	15.4	1.0	0.6	1.6	2.8
22	14.5	24.5	19.7	78.2	17.491	15.4	0.0	0.0	0.0	4.6
23	15.0	26.0	20.5	65.0	15.583	13.4	0.0	0.0	0.0	4.7
24	13.5	28.0	19.8	75.3	16.910	14.8	0.0	0.0	0.0	5.3
25	13.5	25.0	19.0	82.3	18.133	15.9	0.1	0.0	0.1	4.7
26	14.0	27.5	20.2	73.1	16.968	14.9	0.0	0.0	0.0	8.8
27	14.0	24.0	17.8	82.7	16.803	14.8	0.0	0.0	0.0	3.1
28	14.0	27.5	20.4	59.1	13.830	11.4	0.0	0.0	0.0	7.4
PROM.	14.6	25.1	19.3	78.0	17.105	15.0	7.4	20.5	27.9	118.5

ESTACION: OSPINA PEREZ MUNICIPIO: CONSACA AÑO: 1.977

ALTITUD: 1.700 LATITUD: 1-16 N. LONGITUD: 77-28 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	27.0	20.0	70.6	15.985	14.0	0.0	0.0	0.0	6.9
2	14.5	27.5	20.6	64.6	15.205	13.2	0.0	0.0	0.0	3.2
3	16.0	28.0	22.7	51.4	13.350	11.2	0.0	0.0	0.0	6.7
4	16.8	29.0	23.1	51.6	14.389	12.3	0.0	0.0	0.0	5.1
5	17.0	27.0	22.3	53.8	14.047	11.9	0.0	0.0	0.0	3.2
6	16.6	28.0	21.0	71.8	17.360	15.2	0.0	0.0	0.0	5.0
7	14.6	27.5	22.5	49.0	12.963	10.8	0.0	0.0	0.0	7.3
8	15.8	28.5	23.1	47.0	13.140	11.0	0.0	0.0	0.0	3.0
9	16.0	26.5	22.7	52.6	13.803	11.7	0.0	0.0	0.0	3.2
10	16.8	27.5	22.3	50.7	13.458	11.4	0.0	0.0	0.0	1.7
11	15.6	28.5	22.4	57.4	14.560	12.5	0.0	0.0	0.0	5.5
12	14.6	26.0	19.4	74.7	16.550	14.5	0.0	0.0	0.0	5.9
13	14.5	28.5	21.2	71.7	17.624	15.4	0.7	0.1	0.8	8.7
14	15.5	26.0	20.3	72.5	16.663	14.6	0.0	0.0	0.0	5.5
15	14.0	28.5	20.8	73.2	17.367	15.2	0.2	0.0	0.2	7.9
16	15.6	27.0	21.3	72.0	17.852	15.7	0.0	0.0	0.0	2.7
17	16.5	27.0	20.4	73.5	17.319	15.2	0.0	0.4	0.4	3.3
18	16.5	29.0	21.7	69.9	17.373	15.2	0.0	0.0	0.0	5.4
19	14.6	27.1	20.9	74.9	18.168	16.0	0.2	0.0	0.2	4.3
20	14.6	27.5	20.8	77.3	18.446	16.2	0.0	0.2	0.2	4.3
21	16.5	25.5	19.2	89.4	19.511	17.1	1.5	0.0	1.5	3.8
22	16.6	23.0	19.5	83.1	18.805	16.5	0.7	13.4	14.1	1.1
23	15.0	22.5	18.7	88.4	18.862	16.6	3.0	6.0	9.0	0.7
24	16.0	26.0	19.8	81.3	18.373	16.1	0.0	7.8	7.8	2.8
25	15.5	24.0	20.2	82.3	19.243	16.9	0.0	0.0	0.0	1.1
26	16.0	29.1	21.2	74.1	18.200	16.0	0.0	0.0	0.0	9.0
27	14.0	28.0	20.9	72.6	17.505	15.4	0.0	0.4	0.4	5.2
28	14.6	22.0	17.8	94.0	19.186	16.8	1.8	4.0	5.8	0.2
29	14.0	25.0	19.6	76.7	17.099	15.0	1.1	4.8	5.9	2.1
30	13.8	25.0	19.5	82.6	18.567	16.3	0.0	4.0	4.0	0.6
31	14.5	26.5	19.4	79.7	17.664	15.6	0.0	1.8	1.8	4.8
PROM.	15.4	26.7	20.8	70.5	16.730	14.6	9.2	42.9	52.1	130.2

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	24.5	18.3	86.8	16.018	15.9	0.0	0.0	0.0	4.0
2	14.5	27.0	21.1	71.1	17.237	15.2	0.0	0.0	0.0	7.6
3	14.1	26.5	19.2	78.4	17.198	15.1	0.0	2.4	2.4	7.6
4	14.6	22.0	18.2	83.6	17.411	15.3	3.1	0.3	3.4	0.3
5	15.5	26.0	18.7	79.4	17.145	15.0	13.1	8.0	21.1	4.5
6	14.0	25.5	19.3	75.7	16.845	14.8	0.6	0.0	0.6	2.1
7	15.5	26.0	20.8	66.3	16.553	14.3	0.0	0.0	0.0	1.6
8	14.8	24.0	19.1	78.2	17.259	15.2	0.0	0.0	0.0	1.4
9	14.1	27.0	20.2	80.5	18.849	16.6	0.0	0.0	0.0	6.3
10	14.5	25.0	19.1	86.0	18.938	16.6	0.0	0.9	0.9	2.5
11	14.8	25.5	19.7	86.7	19.853	17.4	0.2	0.0	0.2	1.8
12	16.5	23.0	19.4	85.8	19.232	16.9	0.0	0.0	0.0	1.3
13	15.5	25.0	19.6	82.6	18.780	16.5	0.0	0.0	0.0	5.8
14	14.5	27.5	19.6	82.5	18.708	16.4	10.3	0.0	10.3	2.5
15	14.6	25.0	21.3	66.5	15.740	13.5	0.0	0.0	0.0	2.7
16	16.0	27.0	19.3	84.4	18.802	16.5	0.0	0.0	0.0	3.7
17	15.0	24.5	19.3	86.5	19.293	16.9	1.1	0.0	1.1	2.1
18	14.9	25.5	19.9	80.1	18.414	16.2	0.0	0.0	0.0	1.1
19	14.5	28.0	20.3	61.4	14.177	12.1	0.0	0.0	0.0	4.4
20	17.0	27.0	21.0	68.7	17.084	14.9	0.0	0.0	0.0	7.3
21	14.6	24.0	19.3	74.4	16.311	14.3	0.0	0.0	0.0	0.2
22	16.3	25.0	19.4	81.9	18.423	16.2	6.9	19.8	26.7	4.3
23	15.5	20.6	17.2	93.0	18.570	16.3	7.4	5.4	12.8	0.1
24	15.0	24.0	19.0	81.4	17.608	15.5	0.0	0.0	0.0	2.7
25	15.0	26.5	19.5	81.3	18.285	16.1	0.0	30.4	30.4	5.6
26	15.0	23.5	18.5	85.4	18.207	16.0	0.0	1.5	1.5	5.7
27	15.5	24.5	19.0	84.7	18.608	16.3	6.7	0.0	6.7	1.6
28	14.6	25.0	19.3	80.9	17.959	15.8	0.0	1.8	1.8	4.1
29	14.8	24.5	19.0	82.3	18.053	15.9	0.2	5.8	6.0	2.5
30	14.8	23.6	18.8	83.9	18.194	16.0	0.0	0.0	0.0	6.1
PROM.	15.0	25.1	19.4	80.0	17.858	15.7	49.6	76.3	125.9	103.5

ESTACION: OSPINA PEREZ MUNICIPIO: LENSACA AÑO: 1.977

ALTITUD: 1.700 LATITUD: 1-16 N. LONGITUD: 77-28 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	25.0	19.2	77.4	16.964	14.9	0.0	0.0	0.0	9.2
2	12.5	26.0	20.0	73.8	16.778	14.7	0.0	0.0	0.0	9.9
3	14.5	26.5	19.8	78.1	17.700	15.5	0.0	0.0	0.0	10.1
4	14.0	25.5	18.8	84.3	18.422	16.2	0.8	5.9	6.7	3.4
5	13.5	22.5	17.7	85.4	17.128	15.0	0.1	5.2	5.3	1.3
6	14.8	24.5	19.0	81.9	17.691	15.5	0.0	0.0	0.0	4.2
7	14.6	25.0	18.4	88.0	18.796	16.5	1.4	0.0	1.4	5.2
8	15.4	25.8	20.1	81.6	18.928	16.6	0.0	0.0	0.0	6.5
9	16.5	22.5	19.0	86.5	19.136	16.8	1.0	0.0	1.0	2.6
10	15.5	24.0	19.2	84.5	18.788	16.5	0.0	1.0	1.0	3.2
11	16.0	24.0	20.0	82.4	19.085	16.8	0.0	0.0	0.0	4.6
12	15.4	25.0	20.3	83.7	19.964	17.5	0.0	0.0	0.0	6.5
13	16.0	25.5	20.2	81.3	19.181	16.8	0.1	0.0	0.1	4.8
14	15.5	23.8	19.5	81.9	18.488	16.2	0.2	0.4	0.6	6.0
15	15.5	20.5	17.1	95.4	18.563	16.3	10.0	0.0	10.0	0.3
16	15.3	25.5	19.3	85.0	18.803	16.5	0.0	31.3	31.3	3.2
17	15.0	24.0	19.1	73.7	16.478	14.2	0.0	0.0	0.0	0.8
18	14.5	25.5	19.7	78.9	17.568	15.4	0.0	0.0	0.0	9.5
19	14.5	27.0	21.0	76.6	18.840	16.5	0.0	0.0	0.0	10.5
20	15.0	27.5	20.4	68.3	16.127	13.9	0.0	0.0	0.0	8.3
21	14.0	25.0	19.6	77.1	17.259	15.2	0.0	0.0	0.0	7.4
22	14.0	23.8	18.4	84.0	17.750	15.6	1.3	0.0	1.3	3.8
23	15.0	22.1	18.5	86.9	18.486	16.2	1.5	0.0	1.5	3.0
24	15.0	25.0	18.9	81.9	17.859	15.7	0.8	0.0	0.8	4.6
25	15.5	23.5	18.6	84.9	18.243	16.0	1.2	0.0	1.2	4.2
26	14.5	26.5	19.4	79.4	17.456	15.3	0.0	0.0	0.0	7.6
27	14.5	24.0	19.5	75.3	16.702	14.6	0.2	1.3	1.5	2.0
28	16.0	22.0	18.1	92.5	19.162	16.8	5.9	1.7	7.6	0.4
29	16.0	24.0	19.1	87.3	19.303	16.9	0.0	0.0	0.0	2.3
30	16.0	24.5	20.3	76.5	17.733	15.6	0.0	0.0	0.0	3.3
31	15.5	26.0	19.8	75.0	17.339	15.2	0.0	0.0	0.0	4.4
PROM.	15.0	24.6	19.3	81.6	18.088	15.9	24.5	46.8	71.3	153.1

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	24.0	19.1	79.1	17.390	15.3	0.0	0.3	0.3	4.8
2	16.0	22.3	18.7	84.3	17.933	15.7	5.0	1.1	6.1	1.2
3	16.0	25.0	19.1	85.2	18.667	16.4	0.2	0.0	0.2	5.5
4	14.5	24.0	18.9	83.2	18.160	15.9	1.8	0.0	1.8	6.9
5	15.8	25.0	19.5	82.9	18.672	16.4	0.0	0.0	0.0	7.2
6	16.0	24.6	19.5	86.7	19.489	17.1	0.0	0.0	0.0	3.9
7	16.0	21.4	18.5	90.9	19.649	17.2	7.1	0.7	7.8	1.3
8	15.0	26.6	18.9	81.3	17.689	15.6	0.0	0.4	0.4	6.2
9	14.5	24.0	19.5	75.3	17.236	15.1	0.0	0.0	0.0	5.8
10	14.5	23.0	18.6	85.2	18.211	16.0	0.5	0.6	1.1	3.8
11	14.0	25.5	19.2	80.4	17.813	15.6	0.1	35.4	35.5	6.3
12	14.6	21.8	18.0	89.6	18.487	16.2	4.0	2.8	6.8	0.7
13	14.8	23.5	18.3	80.5	16.744	14.7	0.0	0.0	0.0	3.4
14	15.0	22.0	18.7	86.5	18.429	16.2	0.0	0.0	0.0	0.9
15	14.0	26.8	20.1	65.0	14.826	12.7	0.0	0.0	0.0	4.6
16	15.6	27.6	21.0	66.2	16.565	14.5	0.0	0.0	0.0	8.8
17	16.0	28.0	21.9	50.1	12.739	10.5	0.0	0.0	0.0	9.3
18	15.5	28.5	21.0	62.9	14.996	12.7	0.0	0.0	0.0	8.8
19	14.5	26.0	20.6	76.0	18.499	16.3	0.0	0.0	0.0	8.0
20	14.5	24.0	18.4	87.6	18.375	16.1	3.2	2.9	6.1	4.3
21	15.5	22.0	18.6	83.0	17.615	15.5	0.3	0.0	0.3	1.4
22	14.8	27.5	19.8	60.1	13.335	11.2	0.0	0.0	0.0	8.3
23	15.6	26.0	20.7	67.4	16.578	14.5	0.0	4.1	4.1	7.0
24	15.3	26.0	20.4	77.5	18.043	15.8	0.0	0.0	0.0	3.8
25	15.6	25.0	20.9	68.2	16.618	14.6	0.1	0.0	0.1	4.5
26	16.2	27.0	19.7	68.8	15.792	13.7	0.0	0.0	0.0	5.1
27	14.8	26.0	20.5	59.8	14.326	11.8	0.0	0.0	0.0	7.7
28	18.0	24.6	20.3	55.5	13.298	10.9	0.0	0.0	0.0	1.0
29	15.0	21.9	18.5	86.2	18.374	16.1	0.7	4.5	5.2	1.5
30	15.5	22.0	17.7	89.9	18.151	16.0	0.0	0.0	0.0	3.0
PROM.	15.3	24.7	19.5	76.5	17.090	14.9	23.0	52.8	75.8	145.2

ESTACION: OSPINA PEREZ MUNICIPIO: CENSACA AÑO: 1.977

ALTITUD: 1.700 LATITUD: 1-16 N. LONGITUD: 77-28 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.3	22.2	18.0	82.6	16.766	14.7	0.0	0.0	0.0	5.0
2	15.4	28.0	20.0	77.8	17.947	15.7	0.7	0.4	1.1	9.6
3	15.3	28.0	20.4	57.6	13.669	11.1	0.0	0.0	0.0	7.0
4	15.5	27.0	20.3	66.9	15.290	13.1	0.0	0.0	0.0	7.1
5	15.0	22.0	17.9	86.2	17.780	15.6	1.8	35.1	36.9	1.1
6	14.0	22.0	17.8	86.4	17.562	15.4	0.1	0.5	0.6	2.4
7	14.0	22.0	18.7	83.5	17.701	15.6	0.0	0.4	0.4	3.0
8	15.0	22.0	19.0	84.9	18.553	16.3	0.6	0.0	0.6	2.9
9	14.5	25.0	19.3	79.4	17.368	15.3	0.2	0.0	0.2	6.4
10	14.6	26.0	20.4	65.3	14.784	12.6	0.0	0.0	0.0	9.2
11	15.0	26.1	21.1	51.0	12.128	9.8	0.0	0.0	0.0	5.8
12	17.0	27.0	21.9	47.9	12.741	10.5	0.0	0.0	0.0	6.7
13	16.1	27.0	22.0	46.1	12.169	9.9	0.0	0.0	0.0	8.8
14	16.0	27.0	20.3	71.4	16.996	14.9	0.0	0.1	0.1	5.9
15	15.5	22.0	18.5	82.0	17.425	15.3	0.0	0.0	0.0	2.1
16	14.6	22.4	18.5	79.5	16.824	14.8	1.2	0.0	1.2	4.7
17	15.0	27.0	21.5	54.2	12.846	10.2	0.0	0.0	0.0	10.2
18	15.0	28.0	21.7	41.2	10.654	7.9	0.0	0.0	0.0	10.2
19	17.0	24.0	19.3	70.8	16.087	13.9	0.0	0.0	0.0	2.7
20	15.0	27.1	20.6	64.7	14.969	12.8	0.0	0.0	0.0	8.5
21	16.3	29.1	22.6	43.1	11.055	8.3	0.0	0.0	0.0	9.9
22	16.4	28.3	22.6	46.2	12.437	10.2	0.0	0.0	0.0	8.0
23	15.0	26.1	20.7	70.0	16.331	14.1	0.0	0.0	0.0	5.1
24	16.1	27.3	20.9	61.0	14.325	11.8	0.0	0.0	0.0	7.2
25	15.0	23.1	19.0	82.5	17.987	15.8	0.0	1.7	1.7	3.6
26	13.6	24.8	18.2	84.3	17.225	15.0	3.9	0.3	4.2	3.1
27	14.7	22.3	17.4	85.8	16.874	14.8	11.3	1.8	13.1	2.3
28	14.6	27.0	21.2	56.5	12.764	10.3	0.0	0.0	0.0	9.0
29	20.0	26.6	22.8	35.5	9.841	6.7	0.0	0.0	0.0	8.3
30	15.4	25.0	20.1	67.1	15.457	13.1	0.0	0.0	0.0	2.1
31	13.3	23.3	18.4	81.0	16.648	14.5	0.8	0.0	0.8	4.9
PROM.	15.3	25.3	20.0	67.5	15.200	12.9	20.6	40.3	60.9	182.8

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	23.3	19.1	81.7	17.823	15.7	0.0	0.0	0.0	3.6
2	14.0	26.9	20.8	60.0	13.451	11.2	0.0	0.0	0.0	8.1
3	16.1	25.4	19.2	64.5	14.567	12.5	0.9	0.0	0.9	4.2
4	15.0	26.8	19.8	76.1	17.134	15.1	0.2	0.0	0.2	5.3
5	15.4	24.0	19.5	76.5	16.985	14.9	0.0	0.0	0.0	3.2
6	14.0	24.0	18.9	78.8	16.677	14.6	0.0	0.0	0.0	1.9
7	14.1	23.3	18.8	79.7	16.996	14.9	0.0	0.0	0.0	4.6
8	14.6	23.7	18.7	79.4	16.966	14.9	6.9	0.3	7.2	2.2
9	14.4	24.1	19.2	80.0	17.487	15.4	0.5	0.0	0.5	7.1
10	15.5	26.0	19.3	68.6	15.358	13.3	12.4	0.0	12.4	4.5
11	14.0	26.1	20.0	72.9	16.249	14.2	0.0	0.0	0.0	9.3
12	13.3	25.8	18.7	80.1	16.820	14.7	9.7	0.7	10.4	7.7
13	14.6	26.0	19.1	79.9	17.278	15.2	0.0	14.5	14.5	5.9
14	14.7	23.0	17.7	84.8	17.305	15.2	5.2	0.7	5.9	3.4
15	14.1	25.0	18.9	82.4	17.672	15.5	0.5	2.4	2.9	5.6
16	14.1	24.3	19.2	83.2	18.271	16.1	0.0	0.0	0.0	5.3
17	14.6	26.0	20.1	68.2	15.189	13.2	0.0	0.0	0.0	9.9
18	13.5	23.1	18.9	70.2	14.808	12.8	0.0	0.0	0.0	4.2
19	14.6	25.0	19.6	76.0	16.734	14.6	0.0	0.0	0.0	4.8
20	14.0	23.0	18.3	83.7	17.454	15.3	0.2	0.0	0.2	2.9
21	13.6	24.4	18.9	80.3	17.203	15.1	0.0	0.0	0.0	5.1
22	15.0	26.5	20.6	65.1	14.944	12.6	0.7	0.0	0.7	4.8
23	14.0	28.5	22.0	42.0	10.414	7.4	0.0	0.0	0.0	10.7
24	14.6	28.0	23.1	36.4	10.245	7.3	0.0	0.0	0.0	10.2
25	16.3	26.5	21.0	54.3	13.379	11.3	0.0	0.0	0.0	4.7
26	16.0	26.0	20.0	63.4	14.785	12.8	0.0	0.0	0.0	3.8
27	13.5	26.0	19.8	61.9	14.082	12.0	0.0	0.0	0.0	5.1
28	14.0	27.0	21.4	53.6	12.684	10.3	0.0	0.0	0.0	4.2
29	15.5	27.0	20.5	60.7	14.332	12.2	0.0	0.0	0.0	5.5
30	14.8	28.2	20.7	70.6	16.120	13.7	0.0	0.0	0.0	6.3
31	15.6	26.3	21.4	44.7	11.353	8.7	0.0	0.0	0.0	5.9
PROM.	14.6	25.5	19.8	69.7	15.509	13.3	37.2	18.6	55.8	170.0

ESTACION: OSPINA PEREZ MUNICIPIO: CONSACA AÑO: 1.977

ALTITUD: 1.700 LATITUD: 1-16 N. LONGITUD: 77-28 W.

M E S – SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	27.0	22.0	49.0	12.155	9.7	0.0	0.0	0.0	7.0
2	15.5	28.0	21.7	54.9	13.156	10.8	0.0	0.0	0.0	5.9
3	15.5	29.0	21.0	66.7	15.852	13.7	0.0	0.0	0.0	4.7
4	15.4	27.5	20.2	68.4	15.806	13.7	0.0	0.0	0.0	6.9
5	14.0	27.0	21.3	54.1	12.294	9.8	0.0	0.0	0.0	7.5
6	16.0	28.0	22.5	44.2	11.848	9.5	0.0	0.0	0.0	8.2
7	18.0	28.0	22.1	41.2	10.984	8.2	0.0	0.0	0.0	9.8
8	18.4	28.5	22.8	41.4	11.515	9.0	0.0	0.0	0.0	10.4
9	17.1	28.0	21.2	60.7	14.921	12.7	0.0	0.0	0.0	5.5
10	16.0	26.0	21.7	42.1	11.085	8.4	0.0	0.0	0.0	5.8
11	17.0	27.3	22.3	47.3	12.719	10.4	0.0	0.0	0.0	7.3
12	14.6	28.0	20.9	63.7	15.475	13.3	0.0	0.0	0.0	6.9
13	15.0	28.0	20.5	70.3	16.370	14.3	0.0	0.0	0.0	3.7
14	15.5	27.5	19.0	76.2	16.312	14.2	3.5	0.0	3.5	5.1
15	14.0	27.0	19.8	69.6	14.910	12.5	0.0	0.0	0.0	9.4
16	14.6	28.0	21.3	50.0	11.556	8.7	0.0	0.0	0.0	6.4
17	15.0	26.3	19.8	74.2	16.476	14.4	0.0	0.0	0.0	3.3
18	13.5	25.1	19.6	70.4	15.872	13.8	0.0	0.4	0.4	4.9
19	13.5	28.5	20.9	70.0	16.369	14.3	0.0	6.4	6.4	9.9
20	16.5	24.0	19.0	86.3	18.773	16.5	3.8	2.1	5.9	2.1
21	14.0	22.5	18.3	86.5	18.180	16.0	2.1	43.3	45.4	1.5
22	14.0	24.0	18.5	83.8	17.730	15.6	2.6	0.5	3.1	2.3
23	15.6	25.0	19.6	78.3	17.389	15.3	0.0	0.0	0.0	3.2
24	15.5	25.0	19.3	77.8	17.125	15.0	1.9	11.0	12.9	4.7
25	15.0	21.0	17.4	90.0	18.135	16.0	11.1	15.5	26.6	2.4
26	13.6	24.0	18.3	79.6	16.482	14.4	1.4	1.8	3.2	4.9
27	14.0	24.0	18.1	81.9	16.891	14.8	12.7	16.0	28.7	4.0
28	14.4	25.0	18.8	78.4	16.594	14.5	0.0	0.0	0.0	3.5
29	14.0	23.0	18.7	76.3	16.347	14.3	0.0	0.8	0.8	4.0
30	13.0	27.0	19.4	75.9	16.835	14.7	0.0	20.4	20.4	8.8
PROM.	15.1	26.2	20.2	67.0	15.203	13.0	39.1	118.2	157.3	170.0

M E S – OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	24.5	17.7	78.8	15.998	14.0	0.4	4.0	4.4	4.2
2	13.3	25.3	17.9	84.4	17.510	15.4	9.9	0.0	9.9	3.4
3	13.6	26.5	19.8	77.8	17.633	15.5	0.0	1.5	1.5	7.1
4	15.5	24.5	19.4	80.6	17.803	15.6	0.6	9.5	10.1	2.0
5	14.5	24.0	18.8	85.0	18.331	16.1	0.6	0.0	0.6	5.6
6	14.4	24.5	18.3	79.2	16.605	14.6	15.1	6.5	21.6	7.3
7	15.5	22.5	18.1	86.0	17.876	15.7	2.5	1.7	4.2	3.2
8	13.5	26.0	19.4	71.8	16.025	13.9	0.0	0.3	0.3	7.3
9	14.8	21.0	17.7	85.6	17.240	15.2	9.9	0.0	9.9	0.0
10	14.0	25.5	18.6	87.2	18.813	16.5	5.8	0.0	5.8	4.2
11	14.0	25.0	19.2	81.8	18.143	15.9	0.7	35.6	36.3	4.3
12	15.1	22.5	18.0	86.4	17.883	15.7	3.1	0.0	3.1	1.6
13	15.5	23.0	18.6	85.7	18.419	16.2	0.2	0.1	0.3	1.4
14	15.6	24.0	19.4	80.9	18.015	15.8	0.0	0.0	0.0	4.0
15	14.0	26.0	20.3	74.1	17.138	15.0	0.0	0.0	0.0	7.3
16	16.0	26.0	20.1	78.3	18.159	16.0	0.0	0.3	0.3	7.5
17	14.2	23.5	19.2	80.7	17.631	15.5	0.0	17.6	17.6	7.4
18	15.5	25.0	19.4	83.5	18.639	16.4	0.0	0.0	0.0	3.9
19	14.5	28.0	21.5	71.2	17.597	15.4	0.0	0.0	0.0	9.8
20	15.0	27.0	20.7	66.9	15.750	13.7	0.0	0.0	0.0	9.6
21	16.1	26.0	20.8	60.3	13.985	11.6	0.0	0.0	0.0	4.7
22	14.8	24.5	19.5	84.0	18.938	16.6	0.1	0.0	0.1	1.9
23	13.0	27.0	19.7	75.5	16.758	14.6	4.4	31.7	36.1	9.3
24	14.0	24.0	19.1	82.1	18.109	15.9	0.9	9.3	10.2	2.4
25	16.0	24.5	19.1	90.7	20.318	17.7	0.1	51.3	51.4	1.1
26	15.5	22.0	18.6	89.8	19.094	16.8	0.5	9.6	10.1	0.7
27	14.5	24.0	18.8	85.2	18.441	16.2	0.0	0.0	0.0	2.3
28	14.0	26.8	19.4	77.0	17.291	15.2	0.0	9.2	9.2	2.7
29	16.0	26.0	19.9	80.7	18.494	16.2	0.0	9.0	9.0	7.4
30	16.0	23.5	18.8	83.3	17.945	15.8	0.2	1.0	1.2	2.5
31	16.0	25.5	20.0	77.8	18.031	15.8	0.0	0.0	0.0	6.9
PROM.	14.8	24.8	19.2	80.4	17.697	15.5	55.0	198.2	253.2	145.0

ESTACION: OSPINA PEREZ MUNICIPIO: CONSACA AÑO: 1.977

ALTITUD: 1.700 LATITUD: 1-16 N. LONGITUD: 77-28 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	25.0	19.4	81.8	18.181	15.9	0.0	0.0	0.0	6.9
2	14.5	26.0	19.4	78.3	17.270	15.2	0.0	41.9	41.9	10.0
3	14.6	24.4	20.1	77.2	17.531	15.4	7.5	0.0	7.5	6.8
4	16.0	25.0	18.7	81.1	17.686	15.5	9.9	0.3	10.2	0.9
5	14.5	24.5	19.0	84.2	18.588	16.3	0.4	4.4	4.8	5.7
6	15.4	26.0	19.9	81.1	18.623	16.4	0.0	5.0	5.0	7.6
7	15.0	24.5	18.6	81.4	17.464	15.4	0.0	0.0	0.0	3.3
8	14.0	26.0	19.3	63.0	13.629	11.4	0.0	0.0	0.0	9.7
9	13.0	26.0	19.4	73.2	16.206	14.1	0.0	0.0	0.0	9.6
10	14.5	25.0	19.3	80.5	18.206	16.0	0.0	0.0	0.0	8.9
11	15.5	25.0	19.5	79.0	17.649	15.5	0.0	6.2	6.2	5.0
12	16.0	25.1	19.4	78.7	17.686	15.5	0.0	0.0	0.0	7.5
13	15.5	25.0	19.8	73.8	16.909	14.8	0.0	0.0	0.0	7.8
14	14.3	25.5	18.7	79.8	17.122	15.1	0.0	0.0	0.0	7.1
15	14.1	26.0	19.4	70.1	14.945	12.9	0.0	0.0	0.0	10.1
16	15.6	26.5	19.7	76.9	17.369	15.2	2.2	0.0	2.2	6.4
17	16.0	23.0	18.3	90.0	18.939	16.6	0.0	90.0	90.0	1.9
18	15.4	21.0	17.6	90.4	18.337	16.1	1.0	0.9	1.9	0.9
19	15.4	25.0	19.1	79.3	17.184	15.0	0.2	9.5	9.7	5.2
20	15.8	25.1	19.5	81.9	18.490	16.3	0.0	6.0	6.0	6.7
21	14.5	25.0	19.6	81.9	18.497	16.3	0.0	0.1	0.1	8.4
22	16.0	25.0	19.7	77.4	17.506	15.4	0.0	0.0	0.0	9.4
23	16.0	24.0	18.8	85.0	18.390	16.2	2.3	2.5	4.8	2.7
24	16.0	24.0	18.6	90.4	19.322	16.9	0.0	2.9	2.9	2.3
25	16.0	22.5	18.9	89.1	19.581	17.2	2.3	6.1	8.4	1.7
26	16.0	23.0	18.6	89.3	19.210	16.9	1.9	3.6	5.5	2.9
27	15.6	23.8	19.1	82.5	18.003	15.9	0.0	0.0	0.0	4.9
28	14.6	25.0	19.4	80.2	18.019	15.8	0.0	0.0	0.0	5.5
29	15.1	25.5	20.0	75.6	17.204	15.1	0.0	0.0	0.0	7.6
30	15.0	25.0	19.2	80.4	17.602	15.5	0.0	20.9	20.9	4.9
PROM.	15.2	24.7	19.2	80.5	17.712	15.5	27.7	200.3	228.0	178.3

M E S - DICIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	23.5	18.6	84.2	17.816	15.6	1.6	0.0	1.6	5.5
2	15.4	23.0	18.5	85.5	18.242	16.0	1.2	5.4	6.6	3.2
3	15.4	25.5	19.1	87.8	19.202	16.8	1.7	3.9	5.6	4.3
4	15.3	27.0	20.4	80.6	18.983	16.7	0.1	1.5	1.6	5.9
5	15.7	25.5	19.7	82.6	18.835	16.5	15.6	3.7	19.3	4.7
6	16.0	23.0	19.3	87.1	19.477	17.1	0.0	0.0	0.0	2.3
7	15.2	25.5	19.3	80.6	17.920	15.7	0.0	0.0	0.0	4.2
8	14.5	26.5	20.2	72.1	16.865	14.7	0.0	0.0	0.0	6.2
9	16.5	26.0	20.2	80.9	18.828	16.5	0.0	0.4	0.4	5.2
10	14.0	28.0	20.3	76.2	17.618	15.5	0.0	0.0	0.0	6.9
11	13.8	26.5	19.5	73.8	16.296	14.1	0.0	2.8	2.8	7.2
12	15.7	25.4	19.7	79.0	17.945	15.8	0.1	3.0	3.1	5.6
13	15.0	22.0	18.3	91.5	19.522	17.1	3.0	0.0	3.0	0.8
14	12.8	25.0	19.2	78.3	17.025	15.0	0.0	0.0	0.0	7.8
15	14.5	25.5	20.1	78.7	18.139	15.9	0.0	3.2	3.2	9.3
16	16.3	25.0	19.6	82.2	18.638	16.4	0.1	0.3	0.4	4.0
17	16.4	25.0	19.3	76.5	16.966	14.9	0.0	0.0	0.0	5.6
18	14.5	26.5	19.3	75.2	16.380	14.3	0.0	1.6	1.6	6.9
19	16.1	25.5	19.2	79.3	17.567	15.4	0.5	14.3	14.8	4.8
20	14.5	25.0	19.6	78.4	17.882	15.7	0.0	0.0	0.0	5.4
21	13.6	27.5	19.6	75.4	16.835	14.8	0.0	0.0	0.0	10.4
22	14.5	27.0	20.1	75.1	17.163	15.1	0.0	0.2	0.2	5.1
23	15.6	26.0	19.9	75.1	17.524	15.4	0.0	0.0	0.0	3.4
24	14.5	26.0	19.6	83.3	18.870	16.6	8.2	0.0	8.2	4.8
25	13.6	26.0	19.3	76.4	16.793	14.7	0.0	0.0	0.0	8.0
26	13.5	27.0	19.4	74.7	16.395	14.3	0.0	0.0	0.0	10.1
27	16.6	25.0	19.4	83.9	18.819	16.5	0.1	31.3	31.4	4.9
28	15.4	25.5	18.6	83.6	17.995	15.8	2.3	1.3	3.6	3.7
29	15.4	22.5	18.1	88.2	18.391	16.2	0.4	11.7	12.1	0.5
30	15.0	24.0	19.1	85.1	18.630	16.4	0.3	5.9	6.2	3.2
31	16.8	25.1	19.4	83.4	18.635	16.4	0.0	0.8	0.8	4.4
PROM.	15.1	25.4	19.4	80.5	17.942	15.7	35.2	91.3	126.5	164.3

ESTACION: OSPINA PEREZ MUNICIPIO CONSACA AÑO: 1.977

ALTITUD: 1.700 LATITUD: 1-16 N. LONGITUD: 77-28 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	14.6	25.5	19.7	12.5	28.0	76.9	17.230	15.1	43.4	10	222.1
FEBRERO	14.6	25.1	19.3	13.5	29.0	78.0	17.105	15.0	27.9	13	118.5
MARZO	15.4	26.7	20.6	13.8	29.1	70.5	16.730	14.6	52.1	14	130.2
ABRIL	15.0	25.1	19.4	14.0	28.0	80.0	17.858	15.7	125.9	15	103.5
MAYO	15.0	24.6	19.3	12.5	27.5	81.6	18.088	15.9	71.3	15	153.1
JUNIO	15.3	24.7	19.5	14.0	28.5	76.5	17.090	14.9	75.8	14	145.2
JULIO	15.3	25.3	20.0	13.3	29.1	67.5	15.200	12.9	60.9	12	182.8
AGOSTO	14.6	25.5	19.8	13.3	28.5	69.7	15.509	13.3	55.8	11	170.0
SEPTIEMBRE	15.1	26.2	20.2	13.0	29.0	67.0	15.203	13.0	157.3	12	170.0
OCTUBRE	14.8	24.8	19.2	13.0	28.0	80.4	17.697	15.5	253.2	23	145.0
NOVIEMBRE	15.2	24.7	19.2	13.0	26.5	80.5	17.712	15.5	228.0	17	178.3
DICIEMBRE	15.1	25.4	19.4	12.8	28.0	80.5	17.942	15.7	126.5	20	164.3
PROMEDIO	15.0	25.3	19.7	13.2	28.3	75.8	16.947	14.8			
TOTAL									1278.1	176	1883.0

ESTACION: FRANCISCO ROMERO MUNICIPIO: SALAZAR AÑO: 1.977

ALTITUD: 1.000 LATITUD: 7-46 N. LONGITUD: 72-48 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	29.4	21.6	70.2	17.136	14.8	0.0	0.0	0.0	7.6
2	17.0	30.5	21.6	74.1	18.203	15.9	0.0	0.0	0.0	7.4
3	17.3	29.5	21.8	77.0	19.660	17.2	0.0	0.0	0.0	5.1
4	17.5	28.0	21.4	74.7	18.803	16.5	0.0	0.0	0.0	4.3
5	13.6	29.8	19.7	68.3	15.149	13.1	0.0	0.0	0.0	7.7
6	14.8	29.5	21.6	77.5	19.353	16.8	0.0	0.0	0.0	7.6
7	15.6	29.5	22.2	74.3	18.781	16.4	0.0	0.0	0.0	7.8
8	16.0	29.5	22.3	74.6	19.189	16.7	0.0	0.0	0.0	7.9
9	16.8	29.0	22.7	69.6	18.637	16.2	0.0	0.0	0.0	6.9
10	14.0	28.5	20.7	71.2	16.806	14.4	0.0	0.0	0.0	6.7
11	16.8	27.0	20.9	79.0	19.466	17.0	0.0	0.0	0.0	4.7
12	14.8	26.8	20.5	78.4	18.178	15.9	0.0	0.0	0.0	5.9
13	14.8	26.8	20.5	79.2	18.602	16.2	0.0	0.0	0.0	5.3
14	16.4	27.5	21.3	82.8	20.550	17.9	0.0	0.0	0.0	4.5
15	16.5	29.9	22.5	70.9	18.455	16.1	0.0	0.0	0.0	5.3
16	17.5	31.0	23.4	68.0	19.109	16.8	0.0	0.0	0.0	7.1
17	16.5	29.9	22.4	71.6	18.838	16.5	0.0	0.0	0.0	7.0
18	16.5	28.9	22.0	76.5	19.795	17.3	0.0	0.0	0.0	3.6
19	19.5	27.4	22.2	90.1	24.078	20.5	0.0	34.0	34.0	5.2
20	18.0	25.6	21.2	88.3	22.265	19.2	0.2	0.0	0.2	0.3
21	16.0	26.5	20.8	85.9	21.005	18.2	0.0	0.0	0.0	2.5
22	18.3	27.8	21.7	78.5	20.200	17.6	0.0	0.2	0.2	0.0
23	18.0	24.8	21.3	81.9	20.492	17.8	0.2	0.0	0.2	0.7
24	19.0	28.4	23.2	78.7	21.632	18.5	0.0	0.0	0.0	5.7
25	18.0	26.8	20.6	81.9	19.763	17.3	0.0	6.5	6.5	0.9
26	16.8	28.0	22.5	80.6	21.689	18.8	0.0	0.0	0.0	5.3
27	17.4	27.8	22.0	79.1	20.317	17.7	0.0	0.0	0.0	5.5
28	18.5	27.6	22.0	80.9	21.093	18.3	0.0	0.0	0.0	4.0
29	18.4	28.8	23.0	73.9	20.128	17.5	0.0	0.0	0.0	1.2
30	17.6	26.5	22.1	78.2	20.877	18.2	0.0	0.0	0.0	1.8
31	16.8	22.5	18.3	95.4	20.579	17.9	11.7	0.0	11.7	0.7
PROM.	16.8	28.0	21.6	77.8	19.640	17.1	12.1	40.7	52.8	146.2

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	27.6	21.5	80.7	20.394	17.7	0.0	0.0	0.0	4.9
2	17.5	27.5	21.1	83.8	20.668	18.0	0.0	0.0	0.0	3.4
3	14.8	29.0	20.5	76.6	17.803	15.5	0.0	0.0	0.0	6.9
4	15.3	29.9	21.1	70.9	17.471	15.2	0.0	0.0	0.0	7.7
5	16.3	28.5	22.1	78.0	20.444	17.8	0.0	0.0	0.0	4.9
6	16.5	29.9	22.6	78.1	20.683	17.9	0.0	0.0	0.0	6.7
7	16.3	25.4	21.1	83.6	20.603	18.0	0.0	0.0	0.0	0.7
8	17.0	26.6	20.9	85.4	21.233	18.4	0.0	0.0	0.0	1.4
9	16.4	28.0	21.0	73.2	17.821	15.6	0.0	0.0	0.0	6.8
10	15.6	30.0	23.5	70.6	19.395	16.9	0.0	0.0	0.0	7.5
11	16.5	27.5	21.6	80.2	20.556	17.9	0.0	0.0	0.0	3.7
12	17.0	28.8	22.2	76.4	19.880	17.3	0.0	0.0	0.0	3.8
13	17.0	27.0	21.8	80.5	20.649	18.0	0.0	0.0	0.0	0.8
14	19.4	30.6	23.5	74.6	20.869	18.0	0.0	0.0	0.0	6.5
15	17.5	31.4	23.7	70.2	19.791	17.3	0.0	0.0	0.0	7.4
16	17.5	31.6	23.8	76.3	21.772	18.8	0.0	0.0	0.0	7.8
17	17.0	31.5	23.7	75.5	20.990	18.0	0.5	128.6	129.1	6.4
18	17.0	28.5	22.7	79.8	21.681	18.8	0.0	0.0	0.0	5.7
19	18.0	26.6	22.3	88.3	23.572	20.1	0.0	0.0	0.0	3.5
20	16.4	29.6	23.0	74.3	19.983	17.4	0.0	0.0	0.0	4.8
21	18.0	27.5	22.3	75.3	20.035	17.5	0.0	0.0	0.0	1.2
22	17.6	29.9	22.4	75.1	19.671	17.2	0.1	0.0	0.1	6.8
23	17.0	29.6	22.6	73.5	19.533	17.1	0.0	0.0	0.0	7.6
24	17.0	28.6	21.9	71.0	18.123	15.9	0.0	0.0	0.0	4.8
25	17.0	30.5	22.9	73.7	19.699	17.1	0.0	0.0	0.0	5.9
26	16.8	31.0	22.5	74.4	19.493	16.9	0.0	0.0	0.0	6.8
27	17.5	30.3	24.2	69.5	20.168	17.6	0.0	0.0	0.0	6.9
28	17.0	30.6	24.0	69.2	19.739	17.3	0.0	0.0	0.0	7.0
PROM.	16.9	29.1	22.4	76.4	20.097	17.5	0.6	128.6	129.2	148.3

ESTACION: FRANCISCO ROMERO MUNICIPIO: SALAZAR AÑO: 1.977

ALTITUD: 1.000 LATITUD: 7-46 N. LONGITUD: 72-48 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	29.6	23.0	74.2	19.780	17.3	0.0	0.0	0.0	5.6
2	18.8	26.8	22.4	79.2	21.359	18.6	0.0	0.0	0.0	1.3
3	16.8	28.8	22.7	68.6	18.484	16.2	0.0	0.0	0.0	3.3
4	17.0	31.6	22.2	60.5	15.934	13.9	0.0	0.0	0.0	7.8
5	18.0	30.0	22.4	65.6	17.761	15.6	0.0	0.0	0.0	5.1
6	16.8	30.3	22.7	63.7	17.425	15.3	0.0	0.0	0.0	6.8
7	16.8	30.5	22.2	62.6	16.565	14.5	0.0	0.0	0.0	8.0
8	16.8	29.9	21.7	69.0	17.564	15.4	0.0	0.0	0.0	5.0
9	17.5	26.6	22.4	79.4	21.306	18.5	0.0	0.0	0.0	0.1
10	17.5	32.0	23.6	69.1	19.582	17.2	0.0	0.0	0.0	8.6
11	17.5	31.5	22.8	64.8	17.852	15.7	0.0	0.0	0.0	7.3
12	17.0	30.6	22.5	72.2	19.295	16.9	0.0	0.0	0.0	3.8
13	17.0	32.4	24.1	70.5	20.176	17.6	0.0	47.4	47.4	6.9
14	17.5	27.3	22.5	83.7	22.699	19.5	0.0	14.6	14.6	3.1
15	18.0	27.3	22.4	85.8	23.222	19.9	3.5	0.3	3.8	3.1
16	18.0	25.4	21.5	87.7	22.532	19.4	1.4	6.1	7.5	0.0
17	18.0	25.6	21.2	88.9	22.637	19.5	0.3	0.0	0.3	0.3
18	17.3	30.3	22.7	74.4	19.829	17.3	0.0	0.0	0.0	5.1
19	17.3	30.0	22.8	74.4	20.164	17.6	0.0	0.0	0.0	4.1
20	17.4	31.0	23.0	74.0	20.075	17.5	0.0	0.0	0.0	7.4
21	18.0	30.1	23.3	70.9	19.953	17.4	0.0	0.0	0.0	5.8
22	17.0	27.0	21.8	75.5	19.537	17.1	1.0	0.0	1.0	3.7
23	18.2	29.5	22.4	80.5	21.811	18.9	0.0	11.6	11.6	4.6
24	19.0	24.4	21.0	87.7	22.010	19.1	0.0	1.8	1.8	0.0
25	18.6	28.0	22.3	82.9	22.379	19.3	0.0	0.0	0.0	0.0
26	18.0	29.0	22.5	79.5	21.384	18.5	0.0	0.0	0.0	1.6
27	20.0	29.9	22.5	85.3	23.636	20.2	1.5	7.0	8.5	2.0
28	18.4	20.2	18.9	95.9	20.810	18.1	8.1	0.4	8.5	0.0
29	17.0	24.6	20.8	90.0	22.384	19.3	0.0	0.0	0.0	2.0
30	17.2	24.4	19.5	91.4	20.754	18.1	4.0	0.0	4.0	2.2
31	17.2	23.4	20.2	87.8	20.504	17.8	1.5	3.5	5.0	2.9
PROM.	17.6	28.3	22.1	77.3	20.303	17.7	21.3	92.7	114.0	117.5

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	26.0	19.6	86.1	19.353	17.0	1.7	0.0	1.7	1.6
2	15.3	24.3	18.9	85.1	18.158	15.8	0.0	0.0	0.0	0.9
3	17.0	27.0	20.9	83.6	20.603	18.0	5.1	7.1	12.2	2.3
4	16.0	26.1	19.9	86.7	20.299	17.7	19.3	0.0	19.3	1.2
5	16.2	27.1	21.4	83.4	21.230	18.4	0.9	0.0	0.9	2.2
6	16.8	27.1	21.7	85.8	22.237	19.2	0.2	0.0	0.2	1.9
7	15.0	28.6	21.1	83.5	20.823	18.1	0.0	0.0	0.0	4.8
8	16.8	26.4	20.3	89.4	21.600	18.7	61.1	0.7	61.8	0.5
9	17.3	29.6	21.6	89.7	23.232	19.9	0.0	0.0	0.0	2.3
10	18.0	28.8	22.1	90.3	24.263	20.6	2.6	0.0	2.6	1.4
11	18.1	27.0	21.4	86.6	22.411	19.3	0.0	6.8	6.8	0.9
12	18.1	24.0	20.2	91.6	21.849	18.9	12.8	0.0	12.8	0.0
13	15.0	30.6	22.3	80.9	21.862	18.8	0.0	0.0	0.0	7.7
14	17.3	29.0	21.9	83.3	22.013	19.0	0.0	0.0	0.0	1.5
15	17.5	32.0	23.5	75.4	21.913	19.0	0.0	0.0	0.0	6.7
16	18.0	30.8	21.5	86.9	23.010	19.7	0.3	0.0	0.3	0.5
17	17.2	33.0	23.3	69.2	19.568	17.2	0.0	0.0	0.0	4.5
18	17.0	32.0	23.7	80.0	23.371	19.8	0.0	0.0	0.0	6.2
19	16.3	32.0	23.3	75.2	21.633	18.7	0.0	0.0	0.0	1.6
20	16.5	31.0	22.3	78.9	20.981	18.3	0.0	0.0	0.0	3.3
21	17.1	32.3	24.6	74.2	22.114	19.0	0.0	0.0	0.0	5.4
22	18.0	30.3	22.4	82.6	22.268	19.2	0.0	0.0	0.0	3.0
23	19.3	28.0	21.6	85.9	21.715	18.8	0.0	0.0	0.0	1.5
24	17.1	28.2	21.7	86.7	22.567	19.4	0.0	0.4	0.4	2.6
25	18.0	30.0	21.5	81.7	20.881	18.2	0.0	1.1	1.1	0.7
26	16.0	30.0	21.8	84.2	22.301	19.2	1.1	26.4	27.5	3.3
27	16.5	30.0	21.9	84.1	22.295	19.2	16.0	1.8	19.8	4.5
28	15.0	24.3	19.6	90.3	20.794	18.1	3.6	12.4	16.0	0.1
29	16.7	24.4	19.8	91.6	21.325	18.5	3.1	6.1	9.2	0.1
30	16.8	22.2	19.1	93.8	20.815	18.1	0.0	0.0	0.0	0.0
PROM.	16.9	28.4	21.5	84.2	21.583	18.7	129.8	62.8	192.6	73.2

ESTACION: FRANCISCO ROMERO MUNICIPIO: SALAZAR AÑO: 1.977

ALTITUD: 1.000 LATITUD: 7-46 N. LONGITUD: 72-48 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	23.3	18.5	93.3	19.967	17.5	2.6	0.6	3.2	0.2
2	15.6	27.0	21.2	83.6	20.882	18.1	0.0	0.0	0.0	2.8
3	17.3	28.1	21.2	83.5	21.247	18.5	0.0	0.0	0.0	2.7
4	16.0	28.8	21.2	85.5	21.699	18.8	0.0	0.5	0.5	4.4
5	17.6	26.3	20.9	91.3	22.694	19.5	1.4	0.5	1.9	0.1
6	17.5	30.6	22.2	74.6	19.706	17.3	0.0	0.0	0.0	3.5
7	16.5	32.0	23.2	76.6	21.808	18.9	4.5	4.3	8.8	8.0
8	17.0	33.0	22.8	80.2	22.620	19.5	0.0	0.0	0.0	6.2
9	19.5	32.0	23.0	81.1	23.129	19.8	0.0	0.0	0.0	3.7
10	16.1	32.6	22.3	77.5	21.249	18.4	0.2	0.0	0.2	5.5
11	17.5	33.0	24.0	72.5	21.123	18.3	0.0	0.0	0.0	7.7
12	16.4	30.6	22.5	74.4	19.618	17.2	0.0	0.0	0.0	8.4
13	16.5	31.0	23.4	72.8	21.047	18.3	0.0	0.0	0.0	5.7
14	18.8	30.6	22.4	82.4	22.516	19.4	0.5	21.0	21.5	1.7
15	17.4	31.6	22.1	81.4	21.669	18.8	8.4	96.7	105.1	3.0
16	16.8	27.1	21.1	85.8	21.708	18.8	0.4	0.9	1.3	0.2
17	17.0	28.0	21.0	85.2	21.410	18.6	0.0	1.6	1.6	4.8
18	14.8	31.6	21.3	80.9	20.834	18.1	2.7	0.0	2.7	3.8
19	15.0	30.0	21.0	83.4	20.705	18.0	0.8	0.0	0.8	5.5
20	16.6	27.6	21.5	86.5	22.113	19.1	0.2	0.0	0.2	0.4
21	18.0	26.1	20.6	83.2	20.398	17.8	0.3	0.0	0.3	0.0
22	17.1	28.8	21.8	84.3	22.330	19.2	0.7	0.0	0.7	2.3
23	16.0	24.8	21.1	90.1	22.802	19.6	0.0	0.0	0.0	0.3
24	14.6	30.6	23.1	75.8	21.139	18.3	0.0	0.0	0.0	7.0
25	15.5	30.0	21.0	79.4	19.873	17.4	0.0	0.0	0.0	4.5
26	15.1	31.0	22.4	81.1	22.077	19.1	0.0	3.3	3.3	6.5
27	16.6	28.0	21.8	86.7	22.445	19.3	0.0	0.0	0.0	0.5
28	16.0	29.0	21.9	82.8	21.572	18.7	0.0	0.0	0.0	1.4
29	16.0	30.0	21.9	80.7	21.453	18.6	0.0	0.0	0.0	2.8
30	15.6	32.0	22.1	65.3	16.852	14.7	0.0	0.0	0.0	7.5
31	15.6	32.0	21.9	79.2	21.211	18.3	0.0	0.0	0.0	8.8
PROM.	16.5	29.6	21.8	81.3	21.287	18.4	22.7	129.4	152.1	119.9

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	33.0	23.8	72.9	21.192	18.4	0.0	0.0	0.0	8.3
2	18.5	32.3	22.8	77.9	21.352	18.5	0.0	0.0	0.0	2.0
3	17.0	31.8	21.6	78.5	20.714	18.0	0.0	0.0	0.0	4.2
4	15.0	31.9	22.8	75.9	21.027	18.3	0.0	0.0	0.0	3.7
5	16.0	33.6	22.5	74.1	19.770	17.2	0.0	0.0	0.0	5.9
6	17.0	30.8	22.9	78.3	21.809	18.9	0.0	0.0	0.0	2.3
7	16.5	31.8	21.5	77.8	19.936	17.4	0.0	0.3	0.3	5.1
8	17.5	31.0	21.2	79.0	19.744	17.3	0.0	0.0	0.0	2.8
9	15.0	33.0	23.3	73.9	20.717	17.9	0.0	1.0	1.0	7.8
10	16.5	27.1	21.5	85.0	21.812	18.9	9.3	0.0	9.3	1.6
11	17.1	28.0	21.1	83.4	20.900	18.2	0.2	1.0	1.2	2.3
12	17.5	29.1	21.3	86.5	22.315	19.2	0.0	0.0	0.0	0.2
13	16.0	26.0	20.3	85.7	20.859	18.2	3.0	0.0	3.0	3.2
14	16.5	30.0	22.3	77.0	20.544	17.9	0.0	0.2	0.2	4.1
15	16.0	33.0	23.5	76.1	21.523	18.7	0.0	0.0	0.0	6.4
16	16.1	27.1	20.9	82.5	20.710	18.1	0.1	0.0	0.1	0.6
17	14.8	27.1	19.6	86.2	19.795	17.3	0.0	0.0	0.0	2.6
18	16.0	32.0	23.3	76.2	21.169	18.4	0.0	1.0	1.0	6.4
19	17.1	29.0	20.2	83.4	19.705	17.2	1.0	0.1	1.1	0.7
20	16.5	30.0	20.4	82.0	19.992	17.5	4.0	0.0	4.0	1.6
21	16.0	31.4	20.7	82.1	20.022	17.5	0.0	0.0	0.0	1.3
22	15.1	34.6	23.0	68.8	19.265	16.9	0.0	0.0	0.0	7.0
23	15.5	29.3	22.5	73.7	19.950	17.4	0.0	0.0	0.0	5.0
24	17.1	31.6	23.5	79.0	22.689	19.5	0.1	11.0	11.1	6.0
25	17.2	32.8	23.3	78.2	21.908	18.9	0.0	0.0	0.0	1.9
26	17.0	28.1	20.7	88.3	21.821	18.9	0.5	0.0	0.5	0.3
27	15.1	31.0	22.4	75.2	20.153	17.6	0.0	0.1	0.1	5.8
28	16.0	30.0	20.7	86.5	21.090	18.3	0.0	12.5	12.5	2.8
29	17.0	28.1	21.3	80.0	20.062	17.5	0.1	6.0	6.1	1.0
30	14.5	27.2	19.9	87.1	20.406	17.8	0.0	0.0	0.0	0.7
PROM.	16.3	30.4	21.8	79.7	20.765	18.1	18.3	33.2	51.5	103.6

ESTACION: FRANCISCO ROMERO MUNICIPIO: SALAZAR AÑO: 1.977

ALTITUD: 1.000 LATITUD: 7-46 N. LONGITUD: 72-48 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.1	27.1	20.8	87.8	21.543	18.7	0.0	0.0	0.0	1.8
2	16.0	33.0	22.7	73.5	19.700	17.1	0.0	0.0	0.0	9.3
3	14.0	33.3	22.8	68.3	18.447	16.1	0.0	1.5	1.5	8.1
4	17.5	25.0	19.8	88.1	20.863	18.2	0.2	0.0	0.2	7.2
5	14.5	32.0	21.3	72.1	18.123	15.9	0.0	0.0	0.0	5.3
6	15.5	31.3	23.3	73.0	20.152	17.6	0.0	0.0	0.0	2.9
7	16.5	31.2	20.8	78.0	19.127	16.7	9.0	0.0	9.0	2.8
8	15.0	32.6	23.8	70.8	19.741	17.2	0.0	0.0	0.0	8.2
9	16.0	30.0	22.1	79.2	21.033	18.3	0.1	4.0	4.1	0.5
10	16.8	28.1	20.9	81.6	19.920	17.4	0.0	0.0	0.0	4.5
11	14.5	33.0	22.6	72.4	19.155	16.8	0.0	0.0	0.0	7.5
12	14.8	30.0	22.3	71.4	18.505	16.2	0.0	0.0	0.0	9.6
13	17.6	29.0	22.1	72.3	19.080	16.8	0.0	0.0	0.0	5.9
14	17.4	28.8	22.8	74.5	20.551	17.9	0.0	0.0	0.0	3.3
15	17.5	28.6	22.4	77.1	20.923	18.2	0.0	0.0	0.0	3.1
16	18.5	22.4	20.0	92.6	22.076	19.1	5.5	0.0	5.5	0.2
17	16.4	29.0	21.6	77.0	19.275	16.9	0.0	0.0	0.0	10.2
18	16.5	29.3	22.5	76.5	20.689	18.1	0.0	0.0	0.0	5.9
19	18.5	27.2	21.4	79.9	20.359	17.8	2.7	0.1	2.8	1.3
20	17.8	27.0	22.2	78.7	20.661	18.0	0.0	0.0	0.0	10.1
21	16.6	31.2	22.9	64.9	17.521	15.4	0.0	0.0	0.0	7.1
22	15.8	30.5	23.0	66.2	18.533	16.2	0.0	0.0	0.0	6.4
23	18.6	30.5	23.6	72.0	20.735	18.0	0.0	0.2	0.2	7.6
24	17.8	31.5	24.4	65.3	19.120	16.7	0.0	0.0	0.0	6.7
25	16.8	31.3	23.0	69.6	18.944	16.6	0.0	0.0	0.0	9.3
26	17.6	30.4	24.3	69.3	20.399	17.8	0.0	1.3	1.3	6.3
27	19.5	27.0	21.3	84.7	21.610	18.7	1.6	0.0	1.6	0.5
28	17.5	25.3	20.5	80.8	19.132	16.7	0.8	0.0	0.8	1.0
29	16.5	30.5	23.0	69.5	18.662	16.4	0.0	0.0	0.0	9.8
30	16.5	31.8	23.6	72.8	20.410	17.8	0.0	0.0	0.0	8.3
31	18.6	28.4	22.2	80.1	21.402	18.6	0.0	2.2	2.2	4.4
PROM.	16.7	29.6	22.3	75.5	19.884	17.4	19.9	9.3	29.2	175.1

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	29.7	22.9	73.8	20.046	17.5	0.0	0.0	0.0	3.5
2	17.4	30.5	23.0	69.9	19.140	16.8	0.0	0.0	0.0	7.6
3	18.6	31.5	22.3	74.6	20.012	17.5	0.2	0.0	0.2	6.1
4	18.4	30.2	24.3	68.1	19.952	17.4	0.0	0.6	0.6	2.7
5	19.3	28.3	22.3	82.3	22.162	19.1	3.9	0.2	4.1	3.4
6	18.5	30.3	23.1	73.8	20.241	17.6	0.0	0.0	0.0	4.6
7	19.4	29.0	23.5	68.6	20.164	17.6	0.0	0.0	0.0	1.2
8	18.6	30.3	22.8	71.2	19.618	17.2	0.0	0.0	0.0	6.9
9	17.6	31.5	22.8	69.3	19.144	16.8	0.0	2.2	2.2	3.8
10	18.5	29.6	22.9	69.6	19.268	16.9	0.0	0.0	0.0	6.5
11	17.6	31.0	22.4	74.7	20.284	17.7	37.6	13.0	50.6	4.9
12	16.8	29.0	21.9	78.1	20.152	17.6	0.9	1.2	2.1	5.2
13	17.4	29.9	22.9	71.8	19.719	17.3	0.0	0.0	0.0	5.7
14	17.6	29.8	21.8	77.4	20.469	17.9	1.6	0.0	1.6	4.2
15	17.4	29.5	23.8	70.7	20.256	17.7	0.0	0.0	0.0	2.9
16	18.0	27.5	21.3	78.5	20.166	17.6	0.2	0.0	0.2	2.3
17	17.6	29.0	22.9	67.4	18.784	16.5	0.4	0.0	0.4	5.2
18	17.0	29.0	22.7	75.6	20.640	18.0	0.0	0.0	0.0	10.1
19	17.5	31.0	23.1	76.1	21.038	18.3	9.7	6.4	16.1	3.9
20	18.0	29.5	22.9	73.2	20.464	17.8	50.3	0.9	51.2	4.7
21	16.5	27.5	21.8	80.9	20.959	18.2	0.0	0.0	0.0	1.5
22	17.0	31.0	23.0	72.6	20.217	17.7	0.0	0.0	0.0	10.0
23	17.4	31.0	23.1	71.0	19.422	17.0	0.0	0.0	0.0	10.1
24	16.5	30.8	23.5	67.6	19.191	16.8	0.0	0.0	0.0	8.2
25	18.0	26.8	21.3	82.9	21.619	18.7	0.1	0.0	0.1	2.2
26	16.5	30.0	22.9	70.4	19.454	17.0	0.0	0.0	0.0	8.8
27	17.5	30.0	23.6	68.8	19.596	17.2	0.0	0.0	0.0	6.5
28	18.0	30.5	24.2	68.2	20.084	17.5	0.0	0.0	0.0	6.8
29	17.5	31.3	23.9	67.5	19.242	16.8	0.0	0.0	0.0	7.5
30	18.0	30.9	24.3	68.4	20.290	17.7	0.0	0.2	0.2	7.2
31	19.0	29.6	23.3	72.8	20.860	18.1	0.0	0.0	0.0	3.3
PROM.	17.8	29.9	22.9	72.8	20.086	17.5	104.9	24.7	129.6	167.5

ESTACION: FRANCISCO ROMERO MUNICIPIO: SALAZAR AÑO: 1.977

ALTITUD: 1.000 LATITUD: 7-46 N. LONGITUD: 72-48 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	30.4	23.3	70.3	20.094	17.6	0.0	0.0	0.0	6.2
2	18.0	32.0	24.2	67.4	19.935	17.4	0.0	0.0	0.0	7.2
3	17.5	31.5	23.2	67.2	18.548	16.2	0.0	0.0	0.0	8.1
4	17.0	30.5	21.8	72.6	18.941	16.6	0.9	0.0	0.9	8.4
5	19.0	30.5	23.6	72.6	20.803	18.1	0.0	0.0	0.0	8.3
6	17.5	30.0	22.8	73.5	20.044	17.5	0.0	0.0	0.0	5.5
7	16.5	30.0	23.0	71.4	19.333	16.9	0.0	0.0	0.0	6.5
8	18.5	31.5	24.5	66.0	19.640	17.2	0.0	0.0	0.0	5.5
9	18.5	30.0	22.6	76.5	21.136	18.4	0.0	0.0	0.0	4.6
10	17.0	29.5	23.1	69.2	19.547	17.1	0.0	0.0	0.0	6.1
11	19.0	31.0	23.5	69.2	19.959	17.5	0.0	0.0	0.0	6.5
12	17.5	29.0	23.4	67.1	19.405	17.0	0.0	0.0	0.0	2.2
13	19.0	30.0	23.4	70.9	20.068	17.5	0.0	0.0	0.0	3.0
14	18.0	28.8	22.6	69.4	19.060	16.7	0.0	1.6	1.6	3.0
15	17.0	28.0	21.4	73.5	18.615	16.4	0.0	0.0	0.0	1.5
16	16.0	30.5	22.8	70.0	19.116	16.8	0.0	0.0	0.0	4.5
17	18.0	32.0	24.1	72.3	21.196	18.3	10.8	1.3	12.1	7.9
18	18.5	30.5	23.8	75.6	21.779	18.8	0.0	16.1	16.1	2.9
19	17.5	31.0	22.8	78.3	21.546	18.7	10.8	0.3	11.1	5.3
20	18.5	30.0	22.7	80.3	21.903	18.9	3.1	1.0	4.1	4.0
21	18.0	28.6	22.5	78.8	21.192	18.4	0.0	0.0	0.0	2.6
22	19.0	29.0	22.0	73.3	19.689	17.2	51.8	21.7	73.5	2.0
23	17.5	26.8	21.4	81.0	20.526	17.9	0.3	0.0	0.3	0.2
24	17.0	30.0	23.2	76.8	20.974	18.1	0.0	0.0	0.0	6.7
25	18.0	31.5	24.5	71.0	21.087	18.2	0.0	15.3	15.3	7.5
26	17.0	27.5	22.7	77.5	20.901	18.2	0.0	11.8	11.8	1.1
27	18.0	25.0	21.0	84.2	21.054	18.3	1.4	0.0	1.4	0.0
28	17.5	26.9	22.0	83.2	21.859	18.9	2.0	0.0	2.0	1.0
29	18.0	27.5	22.4	82.6	22.208	19.2	0.0	0.0	0.0	1.7
30	16.5	29.0	22.6	73.5	19.668	17.2	0.0	5.2	5.2	6.6
PROM.	17.8	29.6	22.9	73.8	20.328	17.7	81.1	74.3	155.4	136.6

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	26.6	21.5	83.4	21.371	18.5	5.4	1.3	6.7	0.6
2	18.6	29.5	23.5	75.3	21.346	18.5	0.0	0.0	0.0	4.5
3	17.0	28.5	22.7	82.4	22.557	19.4	1.2	9.2	10.4	4.9
4	19.0	29.0	22.9	80.0	22.187	19.1	16.3	34.6	50.9	3.0
5	19.0	28.0	23.1	85.3	24.097	20.5	0.2	0.0	0.2	2.8
6	17.0	28.5	22.3	82.4	22.482	19.4	14.7	15.4	30.1	3.7
7	17.0	29.5	23.1	81.7	23.028	19.7	0.9	10.8	11.7	4.2
8	18.5	28.0	21.6	79.6	20.572	17.9	0.4	0.0	0.4	2.4
9	17.5	29.5	22.9	78.8	22.000	19.0	5.2	18.3	23.5	4.4
10	18.5	27.0	22.4	85.8	23.285	19.9	0.0	0.0	0.0	2.4
11	16.5	28.0	22.6	82.8	22.433	19.3	0.0	0.0	0.0	3.9
12	17.5	29.0	22.4	77.7	20.880	18.2	0.1	0.6	0.7	5.2
13	17.5	28.0	22.4	82.6	22.266	19.2	0.0	0.0	0.0	2.8
14	16.5	30.0	24.4	77.8	22.824	19.4	0.0	10.6	10.6	7.3
15	18.0	27.5	22.5	82.1	22.303	19.3	0.0	0.0	0.0	5.4
16	17.5	28.4	22.6	81.9	22.291	19.2	0.0	0.0	0.0	4.0
17	17.0	30.0	23.5	78.4	22.428	19.4	0.0	0.5	0.5	4.2
18	19.0	28.4	23.3	81.7	23.481	20.1	0.0	8.3	8.3	2.3
19	19.0	28.0	23.2	81.7	23.281	19.9	0.2	0.0	0.2	2.8
20	18.0	30.0	22.5	79.1	21.657	18.8	0.0	0.0	0.0	6.9
21	18.0	30.5	24.0	74.9	22.258	19.2	0.0	0.0	0.0	6.7
22	18.5	29.5	22.5	79.2	21.767	18.8	0.0	0.0	0.0	5.5
23	17.5	28.0	22.3	77.8	20.690	18.0	0.0	0.0	0.0	0.1
24	17.0	30.0	22.4	80.5	21.423	18.5	11.1	8.0	19.1	6.8
25	17.0	28.0	23.1	80.4	22.110	19.1	0.0	1.1	1.1	4.2
26	18.5	30.0	22.8	79.6	21.982	19.0	0.0	0.0	0.0	4.4
27	17.5	29.0	23.6	76.4	22.064	19.0	0.0	5.7	5.7	3.2
28	18.5	28.5	22.8	82.4	22.871	19.6	0.0	6.9	6.9	2.4
29	17.5	28.5	21.8	84.0	22.100	19.1	1.9	4.5	6.4	2.0
30	18.5	28.5	22.9	83.7	23.278	19.9	0.0	0.0	0.0	4.5
31	16.5	28.5	23.0	83.9	23.626	20.1	0.3	14.3	14.6	4.3
PROM.	17.9	28.7	22.8	80.8	22.288	19.2	57.9	150.1	208.0	121.8

ESTACION: FRANCISCO ROMERO MUNICIPIO: SALAZAR AÑO: 1.977

ALTITUD: 1.000 LATITUD: 7-46 N. LONGITUD: 72-48 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	29.0	22.5	84.2	23.016	19.7	0.6	65.0	65.6	3.0
2	18.0	29.0	22.4	84.1	22.741	19.5	0.4	3.1	3.5	3.3
3	17.5	28.5	21.2	85.2	21.693	18.8	26.9	0.0	26.9	3.4
4	17.5	29.0	23.4	82.1	23.286	19.9	0.0	0.0	0.0	3.6
5	18.0	28.6	22.6	83.6	22.744	19.5	0.9	10.6	11.5	4.6
6	20.0	26.0	21.6	90.4	23.845	20.3	0.8	0.0	0.8	0.4
7	18.8	27.0	22.0	86.2	22.890	19.6	0.0	0.0	0.0	2.9
8	19.0	28.0	22.6	83.5	23.060	19.8	0.0	1.1	1.1	3.2
9	19.0	27.5	22.8	84.0	23.229	19.9	0.0	15.7	15.7	3.2
10	17.0	26.5	21.3	85.3	21.669	18.8	0.0	0.0	0.0	2.0
11	18.0	27.0	21.5	82.9	21.258	18.5	0.0	0.0	0.0	0.2
12	18.5	28.8	21.9	83.1	22.210	19.2	9.0	15.7	24.7	4.1
13	18.0	26.0	22.0	87.9	23.369	20.0	0.2	21.7	21.9	0.8
14	17.5	25.0	21.7	88.4	22.916	19.7	0.0	30.5	30.5	0.4
15	18.6	24.5	21.0	92.3	23.046	19.7	3.7	0.5	4.2	0.0
16	18.5	27.0	22.0	86.4	22.702	19.5	0.0	0.0	0.0	3.7
17	18.0	28.5	22.5	82.4	22.092	19.0	0.0	4.8	4.8	6.0
18	17.5	29.0	23.1	82.1	22.454	19.3	0.0	7.2	7.2	7.6
19	19.5	28.0	22.4	87.0	23.885	20.3	0.0	15.6	15.6	5.4
20	18.8	26.5	21.9	88.5	23.492	20.0	0.3	1.5	1.8	2.5
21	17.5	27.0	21.7	87.9	22.768	19.5	0.0	0.0	0.0	4.0
22	18.5	27.0	21.8	87.8	22.851	19.6	0.6	12.2	12.8	4.6
23	18.0	28.4	22.1	82.7	21.712	18.8	0.0	0.0	0.0	4.4
24	17.3	29.5	21.9	80.3	20.978	18.2	0.0	0.0	0.0	6.7
25	18.5	29.0	22.0	81.7	21.232	18.4	0.0	0.0	0.0	3.0
26	17.5	29.0	22.1	80.7	21.338	18.5	0.0	0.0	0.0	3.4
27	18.0	29.5	23.3	79.1	22.289	19.2	0.0	0.0	0.0	6.7
28	17.4	28.6	21.2	83.0	20.862	18.1	0.0	0.0	0.0	6.0
29	16.3	27.1	20.2	83.8	20.260	17.6	0.0	0.0	0.0	4.9
30	14.5	29.9	20.8	69.5	16.364	14.2	0.0	0.0	0.0	8.1
PROM.	18.0	27.8	22.0	84.2	22.208	19.1	43.4	205.2	248.6	112.1

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	28.8	22.4	67.8	18.034	15.6	0.0	5.5	5.5	7.7
2	18.5	27.6	21.7	82.8	21.312	18.5	0.0	0.0	0.0	1.3
3	17.0	28.3	22.9	79.6	22.023	19.0	0.0	0.0	0.0	2.6
4	17.0	28.1	21.6	80.2	20.407	17.8	0.0	0.0	0.0	6.2
5	17.0	28.5	21.0	79.7	19.843	17.4	0.0	0.0	0.0	5.1
6	16.0	28.8	21.2	80.3	20.185	17.6	0.0	0.0	0.0	7.2
7	17.6	28.3	21.8	79.5	20.723	18.1	0.0	0.0	0.0	3.6
8	18.5	28.8	22.7	77.5	21.495	18.7	0.0	0.0	0.0	5.6
9	16.5	27.1	20.8	74.6	18.110	15.9	0.0	0.0	0.0	5.7
10	16.8	25.8	20.8	84.1	20.529	17.9	0.0	0.0	0.0	0.1
11	15.5	29.1	21.8	77.8	19.659	17.1	0.0	0.0	0.0	6.8
12	17.0	26.8	21.1	81.9	20.393	17.8	0.0	0.0	0.0	1.3
13	15.5	29.5	22.8	78.2	20.869	18.0	0.0	0.0	0.0	5.6
14	18.6	29.5	23.0	78.5	21.398	18.4	0.0	0.0	0.0	6.2
15	16.5	29.5	21.8	74.7	18.682	16.3	0.0	0.0	0.0	7.8
16	15.5	29.9	21.5	72.4	17.714	15.4	0.0	0.0	0.0	7.3
17	17.0	28.6	23.1	75.1	20.633	17.9	0.0	0.0	0.0	3.3
18	16.5	29.9	23.3	74.5	20.744	18.0	0.0	1.1	1.1	6.2
19	17.0	28.0	21.6	81.9	21.069	18.3	0.2	0.0	0.2	5.5
20	16.5	26.5	22.0	81.9	21.675	18.8	0.0	0.0	0.0	4.8
21	16.0	29.5	22.5	73.6	18.998	16.6	0.0	0.0	0.0	7.4
22	16.5	29.8	22.5	74.5	19.719	17.2	0.0	0.0	0.0	4.2
23	17.0	28.0	21.7	80.9	20.455	17.8	0.0	0.0	0.0	3.2
24	16.8	28.5	21.8	80.5	20.579	17.9	0.0	0.0	0.0	5.3
25	16.0	30.3	22.3	76.4	19.807	17.3	0.0	0.0	0.0	5.7
26	17.5	28.0	22.8	81.7	22.136	19.0	0.0	0.0	0.0	0.7
27	19.5	29.0	22.8	81.8	22.864	19.6	28.7	75.8	104.5	2.3
28	18.0	28.0	22.8	82.7	22.704	19.5	0.3	4.0	4.3	1.6
29	19.0	21.6	19.2	94.2	21.051	18.3	9.3	0.0	9.3	0.0
30	16.5	27.4	22.1	76.3	19.548	17.1	0.0	0.0	0.0	6.2
31	14.9	27.9	21.6	71.3	17.458	15.3	0.0	0.0	0.0	8.0
PROM.	16.9	28.3	22.0	78.6	20.349	17.7	38.5	86.4	124.9	144.5

ESTACION: FRANCISCO ROMERO MUNICIPIO SALAZAR AÑO: 1.977

ALTITUD: 1.000 LATITUD: 7-46 N. LONGITUD: 72-48 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.8	28.0	21.6	13.6	31.0	77.8	19.640	17.1	52.8	6	146.2
FEBRERO	16.9	29.1	22.4	14.8	31.6	76.4	20.097	17.5	129.2	2	148.3
MARZO	17.6	28.3	22.1	16.4	32.4	77.3	20.303	17.7	114.0	12	117.5
ABRIL	16.9	28.4	21.5	15.0	33.0	84.2	21.583	18.7	192.6	16	73.2
MAYO	16.5	29.6	21.8	14.6	33.0	81.3	21.287	18.4	152.1	15	119.9
JUNIO	16.3	30.4	21.8	14.5	34.6	79.7	20.765	18.1	51.5	15	103.6
JULIO	16.7	29.6	22.3	14.0	33.3	75.5	19.884	17.4	29.2	11	175.1
AGOSTO	17.8	29.9	22.9	16.5	31.5	72.8	20.086	17.5	129.6	13	167.5
SEPTIEMBRE	17.8	29.6	22.9	16.0	32.0	73.8	20.328	17.7	155.4	13	136.6
OCTUBRE	17.9	28.7	22.8	16.5	30.5	80.8	22.288	19.2	208.0	19	121.8
NOVIEMBRE	18.0	27.8	22.0	14.5	29.9	84.2	22.208	19.1	248.6	16	112.1
DICIEMBRE	16.9	28.3	22.0	14.9	30.3	78.6	20.349	17.7	124.9	6	144.5
PROMEDIO	17.2	29.0	22.2	15.1	31.9	78.5	20.735	18.0			
TOTAL									1587.9	144	1566.3

ESTACION: BLONAY MUNICIPIO: CHINACOTA AÑO: 1.977

ALTITUD: 1.235 LATITUD: 7-35 N. LONGITUD: 72-36 W.

M E S - ENERO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.3	26.1	18.8	76.0	15.886	13.8	0.0	0.0	0.0	8.6
2	14.0	28.8	19.7	74.0	16.113	13.9	0.0	0.0	0.0	7.0
3	14.4	27.5	21.4	72.8	17.869	15.6	0.0	0.0	0.0	5.9
4	15.0	26.8	20.1	78.3	18.092	15.9	0.0	0.0	0.0	7.6
5	10.6	27.8	18.4	64.8	13.004	10.6	0.0	0.0	0.0	8.8
6	12.0	28.5	19.9	69.9	15.429	13.3	0.0	0.0	0.0	8.2
7	12.0	27.8	19.5	70.6	15.157	13.1	0.0	0.0	0.0	8.0
8	12.5	26.9	19.7	73.8	16.089	14.0	0.0	0.0	0.0	8.7
9	13.0	26.8	19.6	75.4	16.520	14.4	0.0	0.0	0.0	8.1
10	12.0	27.8	19.0	73.0	15.147	13.0	0.0	0.0	0.0	8.9
11	12.8	24.5	19.1	79.1	17.104	15.0	0.0	0.0	0.0	6.6
12	12.5	24.0	18.7	80.0	16.837	14.7	0.0	0.3	0.3	4.3
13	11.5	23.5	18.4	80.6	16.882	14.7	0.1	0.0	0.1	4.6
14	12.0	25.4	18.6	76.0	15.721	13.7	0.0	0.0	0.0	4.3
15	13.8	27.8	19.4	72.9	15.840	13.8	0.0	0.0	0.0	5.0
16	15.0	29.1	21.4	72.7	18.125	15.9	0.0	0.0	0.0	8.4
17	15.5	28.8	21.3	71.7	17.648	15.5	0.0	0.0	0.0	5.7
18	15.9	26.5	20.4	79.4	18.645	16.3	0.0	1.1	1.1	3.8
19	17.0	24.5	20.7	87.1	21.033	18.3	0.1	0.0	0.1	0.9
20	14.5	24.8	19.2	88.6	19.638	17.2	0.0	0.0	0.0	4.2
21	15.0	24.8	19.7	79.4	17.822	15.6	0.0	0.0	0.0	2.1
22	17.1	26.5	20.1	77.1	18.028	15.8	0.0	0.0	0.0	5.6
23	16.8	24.5	20.1	79.5	18.420	16.2	0.0	2.7	2.7	2.0
24	16.6	27.5	20.3	73.7	17.252	15.2	0.0	0.0	0.0	6.4
25	15.0	22.5	18.5	82.0	17.599	15.5	0.0	0.0	0.0	0.1
26	15.0	25.5	20.0	83.2	19.278	16.9	0.0	0.0	0.0	5.0
27	14.5	26.0	20.2	76.9	17.871	15.7	0.0	0.0	0.0	6.0
28	17.0	25.8	21.4	71.7	17.836	15.5	0.0	0.0	0.0	5.9
29	14.8	27.0	20.7	72.9	16.973	14.7	0.0	0.0	0.0	6.6
30	16.0	25.5	20.6	77.1	18.446	16.2	0.0	0.0	0.0	6.2
31	15.0	22.0	17.7	92.6	18.635	16.4	0.0	0.0	0.0	0.3
PROM.	14.3	26.2	19.8	76.9	17.256	15.0	0.2	4.1	4.3	173.8

M E S - FEBRERO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.4	20.7	77.6	18.902	16.6	0.0	0.0	0.0	5.0
2	14.0	26.6	20.0	71.6	16.292	14.2	0.0	0.0	0.0	6.8
3	12.5	26.8	19.2	71.9	15.486	13.4	0.0	0.0	0.0	6.8
4	12.5	28.0	19.1	64.5	13.654	11.5	0.0	0.0	0.0	8.7
5	13.5	26.9	20.8	73.8	17.188	15.0	0.0	0.0	0.0	6.6
6	15.0	28.3	21.2	73.1	18.035	15.8	0.0	0.0	0.0	8.1
7	14.5	24.8	19.6	76.9	17.053	15.0	0.0	0.0	0.0	2.5
8	16.0	24.8	20.1	77.6	18.047	15.9	0.0	0.0	0.0	1.5
9	15.0	27.5	19.7	73.2	16.671	14.7	0.0	0.0	0.0	8.5
10	14.3	28.8	21.5	66.1	16.022	14.0	0.0	0.0	0.0	8.2
11	15.0	24.8	20.1	78.5	18.219	16.0	0.0	0.0	0.0	1.6
12	15.4	27.8	21.1	73.0	17.463	15.4	0.0	0.0	0.0	5.8
13	15.5	26.8	19.9	74.4	17.176	15.1	0.0	0.0	0.0	4.0
14	15.0	28.8	21.4	66.3	16.276	14.3	0.0	0.0	0.0	8.3
15	15.5	29.3	21.7	66.9	16.601	14.5	0.0	0.0	0.0	5.6
16	15.5	30.6	21.4	72.0	17.533	15.3	0.0	0.0	0.0	3.9
17	14.8	29.8	22.1	70.6	17.609	15.3	0.0	0.0	0.0	7.1
18	15.4	27.0	20.8	75.5	18.617	16.3	0.0	0.0	0.0	5.4
19	15.5	27.6	21.2	77.6	19.503	17.1	0.0	0.0	0.0	3.4
20	14.0	28.3	21.4	70.0	17.137	15.0	0.0	0.0	0.0	6.0
21	16.0	26.5	20.3	69.0	16.236	14.2	0.0	0.0	0.0	3.0
22	14.5	29.0	21.7	60.6	14.699	12.6	0.0	0.0	0.0	8.1
23	14.5	29.5	21.4	65.5	16.036	14.0	0.0	0.0	0.0	5.3
24	14.0	26.5	20.7	64.6	15.179	13.2	0.0	0.0	0.0	4.6
25	15.0	28.0	21.0	69.9	16.947	14.8	0.0	0.0	0.0	7.8
26	13.0	29.0	21.4	62.4	15.168	13.0	0.0	0.0	0.0	6.9
27	14.0	28.3	21.2	67.6	16.566	14.5	0.0	0.0	0.0	3.5
28	14.0	28.8	21.7	66.6	16.538	14.4	0.0	0.0	0.0	8.4
PROM	14.6	27.7	20.8	70.6	16.823	14.7	0.0	0.0	0.0	161.4

ESTACION: BLONAY MUNICIPIO: CHINACOTA AÑO: 1.977

ALTITUD: 1.235 LATITUD: 7-35 N. LONGITUD: 72-36 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	28.6	22.1	74.1	18.955	16.6	0.0	0.0	0.0	6.8
2	15.0	25.5	20.2	76.8	17.985	15.8	0.0	0.0	0.0	0.6
3	16.0	26.8	20.5	70.2	16.752	14.7	0.0	0.0	0.0	3.4
4	14.5	28.8	20.7	60.7	14.310	12.3	0.0	0.0	0.0	5.9
5	16.0	28.6	22.9	54.2	14.590	12.5	0.0	0.0	0.0	5.7
6	16.5	28.8	21.3	61.0	15.424	13.4	0.0	0.0	0.0	5.6
7	13.0	28.8	20.3	58.8	13.729	11.4	0.0	0.0	0.0	8.9
8	15.0	29.9	20.8	58.6	14.258	12.2	0.0	0.0	0.0	4.8
9	16.3	22.5	19.5	80.6	18.445	16.2	0.1	0.0	0.1	0.1
10	16.5	27.5	22.9	61.8	16.521	14.4	0.0	0.0	0.0	8.5
11	17.0	31.5	22.7	54.7	14.798	12.8	0.0	0.0	0.0	7.3
12	16.5	29.5	21.6	64.9	16.441	14.4	0.0	0.0	0.0	3.8
13	14.5	29.5	21.8	69.1	17.277	15.1	0.0	0.0	0.0	7.0
14	17.5	25.0	21.3	83.3	21.004	18.3	0.0	0.0	0.0	2.0
15	17.5	26.0	21.2	78.2	19.737	17.3	0.0	0.0	0.0	2.0
16	16.5	21.5	19.3	88.3	19.698	17.3	0.6	3.0	3.6	0.0
17	17.0	22.0	19.1	89.7	20.126	17.6	4.1	0.0	4.1	0.0
18	14.6	28.0	20.1	73.4	16.970	14.9	0.0	0.0	0.0	5.9
19	15.5	28.0	20.8	70.1	16.603	14.5	0.0	0.0	0.0	2.4
20	15.0	28.5	21.6	60.7	14.902	12.9	0.0	0.0	0.0	7.2
21	14.4	28.5	21.7	62.4	15.319	13.3	0.0	0.0	0.0	6.2
22	15.0	28.5	22.3	64.7	16.783	14.7	0.0	0.0	0.0	1.9
23	16.3	28.0	22.3	66.6	17.341	15.1	0.0	2.5	2.5	2.6
24	17.0	24.0	19.5	88.1	19.949	17.4	1.9	5.6	7.5	0.0
25	15.3	26.3	20.2	79.5	18.239	15.9	0.0	0.0	0.0	1.0
26	18.0	26.6	21.7	73.5	18.875	16.5	0.0	0.0	0.0	0.3
27	18.0	27.0	22.3	72.7	19.116	16.7	0.0	0.0	0.0	4.5
28	18.0	20.0	19.0	94.5	20.850	18.1	11.0	0.0	11.0	0.0
29	16.7	24.0	19.7	87.1	20.142	17.6	0.0	0.4	0.4	2.0
30	16.0	23.0	18.6	88.0	19.060	16.7	3.6	1.9	5.5	0.9
31	17.0	22.5	18.9	89.0	19.567	17.1	2.0	14.3	16.3	1.0
PROM.	16.1	26.6	20.9	72.8	17.541	15.3	23.3	27.7	51.0	108.3

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	24.0	19.6	88.3	20.125	17.6	3.1	0.1	3.2	1.9
2	15.6	22.6	18.4	87.6	18.515	16.3	0.0	0.0	0.0	1.1
3	16.8	22.8	18.9	82.8	18.056	15.9	0.2	0.1	0.3	0.5
4	17.0	23.0	19.0	85.1	18.633	16.4	0.0	0.0	0.0	0.2
5	16.5	25.5	19.5	80.0	17.945	15.7	0.0	0.0	0.0	3.1
6	17.0	25.0	20.5	76.5	18.393	16.2	0.0	0.0	0.0	2.8
7	15.0	25.5	20.3	82.3	19.488	17.1	0.0	0.0	0.0	4.1
8	17.0	23.6	19.5	87.3	19.890	17.4	56.6	3.2	59.8	0.2
9	17.0	25.5	20.3	83.9	20.291	17.8	0.0	0.0	0.0	3.2
10	17.0	26.0	21.5	79.6	20.332	17.8	0.0	0.0	0.0	1.5
11	17.1	25.5	20.4	82.4	19.733	17.2	0.0	5.8	5.8	0.5
12	17.0	21.5	18.5	91.0	19.809	17.3	8.6	0.0	8.6	0.0
13	16.0	26.5	20.3	79.0	18.819	16.5	0.0	0.0	0.0	6.6
14	18.0	25.5	19.6	83.8	19.556	17.1	0.4	0.0	0.4	0.9
15	18.6	29.5	22.1	70.0	17.894	15.6	0.0	0.0	0.0	5.4
16	19.0	26.5	20.7	81.8	20.273	17.7	1.3	0.0	1.3	2.5
17	18.0	29.9	22.8	66.0	18.308	16.1	0.0	0.0	0.0	6.8
18	15.5	27.5	21.6	78.2	20.304	17.5	2.5	0.0	2.5	5.7
19	18.0	28.8	21.4	70.4	17.531	15.3	0.0	0.0	0.0	3.5
20	17.0	27.5	21.3	72.5	18.052	15.8	0.0	0.0	0.0	2.3
21	16.5	27.5	21.7	70.7	17.989	15.8	0.0	0.0	0.0	6.1
22	17.0	26.5	20.7	84.1	20.446	17.8	0.0	0.0	0.0	4.2
23	17.0	24.8	20.2	85.5	20.564	17.9	1.1	0.0	1.1	1.3
24	17.4	24.5	20.0	83.5	19.560	17.2	0.0	0.0	0.0	1.5
25	17.0	24.5	20.8	80.0	19.330	16.9	0.0	0.6	0.6	0.3
26	16.6	26.5	20.0	85.3	20.128	17.6	2.4	5.4	7.8	1.4
27	17.5	24.5	19.9	86.6	20.455	17.9	13.6	0.0	13.6	1.2
28	15.6	20.5	18.3	92.6	19.476	17.1	0.0	1.9	1.9	0.0
29	17.0	22.0	19.0	88.2	19.492	17.1	0.0	8.0	8.0	0.0
30	17.0	21.8	18.2	90.8	19.304	16.9	1.1	2.3	3.4	0.6
PROM.	16.9	25.2	20.2	81.9	19.290	16.9	90.9	27.4	118.3	69.4

ESTACION: BLONAY MUNICIPIO: CHINACOTA AÑO: 1.977

ALTITUD: 1.235 LATITUD: 7-35 N. LONGITUD: 72-36 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	22.4	19.1	86.7	19.334	17.0	0.1	7.8	7.9	0.0
2	16.4	25.0	19.1	68.6	14.814	12.6	1.1	0.0	1.1	3.8
3	15.6	26.5	20.0	73.9	17.349	15.2	0.0	0.0	0.0	4.8
4	17.0	24.5	19.8	84.4	19.945	17.4	1.8	0.6	2.4	2.9
5	17.5	21.5	19.0	90.4	20.175	17.6	5.8	1.0	6.8	0.0
6	17.0	26.5	19.5	75.0	17.416	15.2	0.0	0.0	0.0	2.5
7	16.0	26.8	20.1	76.0	17.724	15.6	0.0	0.0	0.0	6.6
8	18.0	28.6	21.8	74.0	19.015	16.7	0.0	0.0	0.0	7.6
9	18.0	27.5	21.0	79.8	20.032	17.5	0.0	0.0	0.0	1.6
10	17.0	28.0	20.7	81.3	19.800	17.3	1.7	0.1	1.8	3.8
11	17.5	28.5	21.6	74.0	18.602	16.2	0.0	0.0	0.0	4.7
12	15.6	29.8	21.0	72.5	17.420	15.3	0.0	0.0	0.0	6.9
13	16.0	29.5	21.8	76.2	19.400	17.0	0.0	0.0	0.0	5.1
14	18.0	26.4	20.5	91.8	22.277	19.2	2.9	0.6	3.5	1.4
15	17.0	25.4	20.4	90.2	21.567	18.7	4.8	8.8	13.6	2.3
16	17.0	24.0	19.3	94.5	21.254	18.5	3.7	1.7	5.4	0.1
17	16.8	25.5	20.0	83.7	19.845	17.4	0.0	0.0	0.0	6.0
18	16.0	27.5	20.6	79.9	19.373	17.0	1.9	0.1	2.0	6.1
19	16.0	25.8	19.6	84.2	19.108	16.8	0.0	0.0	0.0	3.6
20	17.0	24.0	20.6	83.4	19.990	17.5	0.0	0.1	0.1	0.2
21	17.5	22.5	19.6	87.5	20.148	17.6	0.2	0.8	1.0	0.0
22	17.0	25.0	20.1	85.8	20.275	17.7	21.0	17.9	38.9	2.0
23	17.0	24.5	19.5	88.2	20.085	17.5	0.3	0.0	0.3	0.2
24	16.0	26.0	20.5	83.0	19.957	17.5	0.0	0.5	0.5	6.0
25	16.5	27.0	20.2	79.4	18.792	16.5	0.0	0.0	0.0	1.9
26	15.6	26.5	20.6	82.0	19.660	17.2	0.0	4.0	4.0	5.7
27	16.8	24.0	19.3	92.2	20.869	18.2	0.3	0.0	0.3	1.6
28	17.0	25.0	20.8	84.6	20.692	18.0	0.0	0.0	0.0	0.8
29	17.0	25.0	19.7	86.9	20.572	17.9	0.0	0.0	0.0	5.5
30	17.0	29.0	21.6	75.0	19.104	16.8	0.0	0.0	0.0	7.2
31	15.5	27.4	21.7	73.7	19.090	16.8	8.9	0.0	8.9	6.8
PROM.	16.7	26.0	20.3	81.9	19.474	17.0	54.5	44.0	98.5	107.7

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	28.0	20.9	72.7	17.386	15.2	0.0	1.1	1.1	6.3
2	17.5	27.5	20.9	78.9	19.303	16.9	0.0	0.0	0.0	3.7
3	16.4	27.5	20.3	79.2	18.855	16.5	0.0	0.0	0.0	3.9
4	15.5	27.5	21.5	71.2	17.950	15.7	0.0	0.0	0.0	6.8
5	15.4	27.6	21.0	74.2	18.646	16.4	0.0	0.0	0.0	6.9
6	16.8	27.5	21.2	78.3	19.524	17.1	14.4	3.0	17.4	5.2
7	16.8	27.0	20.6	81.6	19.807	17.4	2.2	1.1	3.3	4.8
8	15.8	23.5	18.9	84.0	18.680	16.4	1.3	0.0	1.3	0.7
9	15.5	28.0	20.6	74.2	17.750	15.6	0.0	1.1	1.1	6.1
10	16.5	26.0	20.1	82.8	19.655	17.2	10.2	0.0	10.2	1.8
11	17.0	25.5	20.1	77.1	17.782	15.5	1.7	0.4	2.1	2.1
12	17.5	24.0	19.3	88.1	19.938	17.4	7.7	0.0	7.7	1.3
13	15.0	24.5	18.4	87.9	18.861	16.6	1.1	0.0	1.1	3.0
14	16.0	26.5	20.3	75.9	17.916	15.7	0.0	1.7	1.7	5.2
15	16.5	27.5	20.2	80.9	19.311	16.9	1.5	0.0	1.5	6.3
16	15.5	23.6	18.6	85.9	18.745	16.5	0.5	0.0	0.5	1.5
17	15.5	23.5	18.7	87.9	19.345	17.0	0.1	0.0	0.1	0.6
18	15.8	26.5	20.5	75.5	17.706	15.6	0.0	3.6	3.6	5.5
19	16.8	23.8	19.4	85.3	19.254	16.8	0.0	0.0	0.0	1.5
20	17.4	24.5	19.3	85.2	19.270	16.9	6.5	3.9	10.4	0.1
21	16.0	24.8	19.6	75.7	17.167	15.0	0.0	0.0	0.0	2.2
22	16.0	28.8	20.2	66.5	15.381	13.3	0.0	0.0	0.0	7.5
23	15.4	26.5	19.1	79.4	17.770	15.6	0.0	0.0	0.0	2.2
24	16.0	27.5	21.2	79.4	19.814	17.3	0.0	8.1	8.1	6.5
25	17.0	29.9	21.7	74.5	18.390	15.9	2.4	0.0	2.4	7.4
26	16.5	24.0	19.4	84.7	19.239	16.9	1.4	0.0	1.4	0.6
27	16.8	26.5	20.0	79.1	18.540	16.3	0.0	0.4	0.4	6.0
28	17.0	24.0	19.0	87.2	19.354	17.0	0.0	17.2	17.2	1.1
29	16.6	24.6	18.9	84.2	18.436	16.2	0.5	0.0	0.5	2.2
30	15.6	23.8	19.5	86.9	19.705	17.2	1.1	0.1	1.2	0.7
PROM.	16.2	26.0	20.0	80.1	18.651	16.3	52.6	41.7	94.3	105.7

ESTACION: BLONAY MUNICIPIO: CHINACOTA AÑO: 1.977

ALTITUD: 1.235 LATITUD: 7-35 N. LONGITUD: 72-36 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	24.0	19.4	84.3	19.096	16.7	0.4	0.1	0.5	1.5
2	16.0	27.4	20.1	77.3	18.071	15.9	0.0	0.0	0.0	9.1
3	14.0	28.8	20.8	72.6	17.155	15.0	0.0	1.2	1.2	8.5
4	17.0	22.0	19.1	84.8	18.704	16.4	1.5	0.0	1.5	0.8
5	14.5	27.4	19.4	79.7	17.987	15.8	0.0	0.0	0.0	4.1
6	15.5	25.6	20.5	75.6	18.091	15.9	0.0	0.0	0.0	2.0
7	15.5	26.6	19.0	82.6	18.562	16.3	1.1	0.0	1.1	3.8
8	15.0	27.5	20.9	72.5	17.622	15.4	0.0	0.0	0.0	8.1
9	16.0	26.6	20.5	79.9	19.151	16.8	0.9	1.7	2.6	3.4
10	16.5	24.6	19.6	82.3	18.655	16.4	3.4	0.0	3.4	2.4
11	15.0	28.8	20.0	76.1	17.176	15.0	0.0	0.0	0.0	8.0
12	14.0	27.6	20.1	79.8	18.464	16.2	0.0	0.0	0.0	7.6
13	15.0	26.0	19.2	86.4	19.186	16.8	0.0	0.0	0.0	3.4
14	16.5	25.6	19.0	86.2	19.168	16.8	2.6	0.0	2.6	1.4
15	15.8	26.8	20.4	79.5	19.000	16.7	0.0	1.4	1.4	3.1
16	17.0	21.8	18.6	90.8	19.856	17.4	7.4	0.0	7.4	0.0
17	14.4	29.5	20.1	71.6	15.876	13.7	0.0	0.0	0.0	9.4
18	15.5	26.8	20.6	75.7	18.186	16.0	0.0	0.0	0.0	3.1
19	16.5	25.1	19.5	83.5	18.897	16.6	2.3	0.3	2.6	1.2
20	16.8	24.5	19.7	83.8	19.329	17.0	0.0	0.0	0.0	2.2
21	14.9	30.6	20.4	66.2	15.046	12.9	0.0	0.0	0.0	9.8
22	15.5	27.5	20.0	77.8	18.292	16.1	0.0	0.0	0.0	4.1
23	15.6	26.8	20.6	75.5	18.204	16.0	0.4	0.0	0.4	3.1
24	16.8	27.1	21.3	69.0	16.919	14.7	0.0	0.0	0.0	1.8
25	14.0	28.0	20.2	71.3	16.432	14.3	0.0	0.0	0.0	6.0
26	15.5	28.8	21.1	74.4	18.040	15.8	0.0	11.3	11.3	5.8
27	16.8	22.5	18.6	94.8	20.387	17.8	10.4	0.0	10.4	0.5
28	16.8	22.5	18.4	87.2	18.831	16.5	0.3	0.0	0.3	0.4
29	13.5	28.8	20.2	74.0	16.642	14.4	0.0	0.0	0.0	9.0
30	15.3	29.5	20.5	78.2	18.551	16.2	3.5	10.0	13.5	6.4
31	16.5	25.9	19.8	86.5	20.193	17.6	4.0	4.4	8.4	4.0
PROM.	15.6	26.5	19.9	79.4	18.251	16.0	38.2	30.4	68.6	134.0

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.8	19.9	86.1	19.877	17.4	0.1	0.0	0.1	5.1
2	16.4	29.6	20.8	76.4	17.921	15.6	0.0	0.0	0.0	6.7
3	15.5	27.0	20.0	76.2	17.716	15.5	1.3	0.0	1.3	4.1
4	17.0	25.5	21.6	75.7	19.096	16.7	0.0	0.2	0.2	2.8
5	17.0	24.5	20.8	88.1	21.646	18.7	6.0	0.8	6.8	2.6
6	17.0	27.6	20.9	78.0	18.809	16.5	0.0	0.3	0.3	3.4
7	17.0	24.9	20.3	83.5	19.694	17.2	0.9	0.0	0.9	0.4
8	16.7	27.8	20.4	79.9	19.025	16.7	0.0	0.4	0.4	6.1
9	14.5	26.0	18.4	92.5	19.660	17.2	7.4	4.0	11.4	3.4
10	15.5	26.8	19.8	80.0	18.560	16.3	0.1	0.0	0.1	6.4
11	15.3	28.5	21.4	75.5	18.469	16.1	0.9	0.9	1.8	6.6
12	15.0	27.4	21.3	77.0	18.616	16.2	0.0	0.0	0.0	6.0
13	15.5	26.8	19.4	83.5	18.688	16.4	1.4	0.0	1.4	5.4
14	16.0	26.8	19.5	79.0	17.941	15.7	3.5	0.0	3.5	2.1
15	15.4	27.4	20.5	76.7	18.464	16.1	1.2	0.0	1.2	3.3
16	16.0	23.0	18.6	90.5	19.962	17.5	2.9	0.0	2.9	1.2
17	15.5	27.0	21.2	73.9	18.556	16.3	0.0	0.0	0.0	4.8
18	15.5	26.5	21.0	74.5	18.542	16.3	0.0	0.0	0.0	2.5
19	16.5	29.5	21.7	77.5	19.884	17.4	7.4	1.6	9.0	6.3
20	17.0	27.5	21.1	78.4	19.347	16.9	4.8	0.0	4.8	3.6
21	17.0	26.5	20.9	83.4	20.509	17.8	0.0	0.0	0.0	1.3
22	16.6	30.6	21.2	73.3	17.384	15.0	0.0	0.0	0.0	8.4
23	15.1	30.6	21.0	71.6	17.009	14.9	0.0	0.0	0.0	9.3
24	15.5	31.5	22.6	69.4	16.023	13.8	0.0	0.0	0.0	7.1
25	16.5	28.5	20.1	72.5	16.747	14.6	0.0	0.0	0.0	2.0
26	16.0	29.9	22.0	71.9	18.135	15.9	0.0	0.0	0.0	6.2
27	16.5	28.0	21.9	74.2	18.908	16.5	0.0	0.0	0.0	5.0
28	17.0	28.8	22.5	72.5	19.357	16.9	0.0	0.0	0.0	5.9
29	17.1	29.5	21.3	69.0	17.619	15.4	0.0	0.0	0.0	5.9
30	16.6	26.5	21.2	74.6	18.113	15.7	0.0	0.8	0.8	6.3
31	17.0	28.0	21.0	74.9	18.237	16.0	0.0	0.0	0.0	2.5
PROM	16.2	27.6	20.8	77.5	18.662	16.3	37.9	9.0	46.9	142.7

ESTACION: BLCNAY MUNICIPIO: CHINACOTA AÑO: 1.977

ALTITUD: 1.235 LATITUD: 7-35 N. LONGITUD: 72-36 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.0	27.5	21.1	75.8	18.956	16.7	0.0	0.0	0.0	3.5
2	18.0	29.5	21.6	74.9	18.767	16.4	0.0	0.0	0.0	5.0
3	17.0	29.5	21.0	74.4	17.958	15.7	0.0	0.0	0.0	6.2
4	17.0	26.5	18.9	87.3	19.503	17.1	14.7	1.8	16.5	6.5
5	16.5	28.5	20.2	79.4	18.592	16.3	0.0	0.0	0.0	6.7
6	18.0	28.5	21.4	74.2	18.709	16.4	0.0	0.0	0.0	4.6
7	17.6	27.0	21.1	78.1	19.295	16.9	0.0	0.0	0.0	5.8
8	17.0	29.0	21.8	74.5	18.796	16.4	0.0	0.0	0.0	5.6
9	19.0	26.5	20.9	79.1	19.439	17.0	2.5	0.0	2.5	3.4
10	18.0	26.0	20.2	76.3	18.124	15.9	0.0	0.0	0.0	3.5
11	17.0	29.6	20.8	72.3	17.810	15.6	0.0	0.0	0.0	5.2
12	16.6	26.5	20.2	76.8	18.008	15.9	0.0	0.0	0.0	2.0
13	17.5	27.5	20.6	75.2	18.041	15.9	0.0	0.0	0.0	1.7
14	18.0	26.5	20.6	76.7	18.626	16.4	0.0	1.8	1.8	1.3
15	15.6	25.6	19.3	76.0	17.078	15.0	0.0	0.0	0.0	2.7
16	15.5	27.5	20.0	78.5	18.101	15.9	0.0	0.0	0.0	3.9
17	15.6	30.9	21.7	74.6	18.762	16.4	0.0	0.0	0.0	6.8
18	19.0	29.0	22.2	71.2	18.913	16.5	0.2	0.5	0.7	4.8
19	17.1	29.5	21.2	79.4	19.483	17.0	2.4	0.0	2.4	4.6
20	17.0	28.0	20.9	80.9	19.687	17.2	2.1	0.0	2.1	3.1
21	17.0	27.5	21.4	76.9	18.957	16.6	2.3	0.1	2.4	3.7
22	17.1	29.0	21.1	78.2	19.074	16.7	0.2	1.5	1.7	3.3
23	16.8	26.0	20.2	80.3	18.853	16.5	0.6	0.0	0.6	0.0
24	16.0	29.3	21.6	76.0	18.849	16.4	0.0	0.0	0.0	7.1
25	16.5	30.9	22.9	71.0	18.963	16.5	0.0	12.4	12.4	7.0
26	16.8	25.5	20.0	82.7	19.185	16.8	13.1	1.4	14.5	0.7
27	17.4	22.0	18.7	91.2	20.070	17.5	5.3	0.0	5.3	0.0
28	16.8	24.0	19.4	85.2	19.362	17.0	0.4	0.0	0.4	0.4
29	15.6	25.0	20.5	83.1	19.586	17.4	3.1	0.0	3.1	2.7
30	14.0	27.0	19.4	81.0	17.956	15.7	0.4	6.5	6.9	4.9
PROM.	17.0	27.5	20.7	78.0	18.798	16.5	47.3	26.0	73.3	118.7

M E S - OCTUBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	23.5	18.3	91.0	19.463	17.1	6.8	1.6	8.4	0.3
2	16.0	27.5	20.8	72.1	17.351	15.2	0.0	0.0	0.0	5.9
3	16.1	26.0	20.0	82.0	19.155	16.8	1.5	1.1	2.6	4.1
4	17.4	24.5	19.8	77.9	17.726	15.6	0.0	7.3	7.3	4.8
5	17.5	26.0	19.3	79.8	18.087	15.9	5.7	0.0	5.7	5.2
6	17.7	27.4	20.7	82.5	19.930	17.4	2.8	0.0	2.8	3.7
7	16.0	26.0	20.9	86.4	21.423	18.6	4.1	9.0	13.1	5.3
8	17.0	26.0	20.6	81.6	19.457	17.0	0.2	0.0	0.2	2.9
9	17.0	28.0	22.3	81.0	21.718	18.8	3.9	19.2	23.1	5.6
10	17.0	24.4	20.9	86.7	21.115	18.3	1.9	0.0	1.9	2.7
11	17.5	28.5	21.2	80.5	19.964	17.4	2.1	0.0	2.1	3.0
12	18.0	26.5	21.0	80.5	19.963	17.4	0.0	0.5	0.5	3.2
13	17.4	28.5	20.0	82.1	19.595	17.2	0.3	0.0	0.3	3.2
14	16.0	28.5	21.2	77.8	19.120	16.7	0.0	0.0	0.0	8.9
15	17.0	27.5	21.5	83.2	21.041	18.2	0.0	0.0	0.0	6.1
16	17.0	27.0	20.5	79.2	18.974	16.7	0.0	0.0	0.0	7.0
17	17.4	29.1	21.8	75.6	19.461	17.0	0.0	3.7	3.7	5.2
18	17.1	27.2	21.5	83.3	21.283	18.5	0.2	2.5	2.7	2.8
19	17.0	28.0	21.9	81.0	21.025	18.3	0.0	0.0	0.0	4.5
20	17.0	30.4	21.3	73.8	18.060	15.8	0.0	0.0	0.0	6.4
21	17.1	29.4	22.3	70.7	18.370	15.9	0.0	0.0	0.0	7.8
22	17.0	27.3	21.1	80.4	20.073	17.5	0.0	0.0	0.0	4.5
23	16.5	25.8	21.2	79.4	19.598	17.1	0.0	0.0	0.0	0.0
24	16.0	28.0	20.7	80.6	19.315	16.9	4.0	0.0	4.0	5.3
25	17.0	28.0	21.4	79.7	19.860	17.3	0.2	0.0	0.2	7.8
26	17.0	28.1	21.0	74.5	18.390	16.1	0.0	0.0	0.0	5.9
27	15.3	27.6	21.8	78.0	20.092	17.5	0.0	12.0	12.0	3.3
28	17.5	26.0	20.5	84.7	20.455	17.8	0.0	1.8	1.8	0.4
29	16.5	29.0	19.8	81.8	18.945	16.6	2.0	28.3	30.3	4.2
30	17.0	27.0	20.3	84.5	20.320	17.7	0.9	4.5	5.4	3.7
31	17.4	28.0	21.2	85.5	21.381	18.5	0.0	3.8	3.8	3.7
PROM.	16.9	27.2	20.9	80.6	19.700	17.2	36.6	95.3	131.9	137.8

ESTACION: BLONAY MUNICIPIO: CHINACOTA AÑO: 1.977

ALTITUD: 1.235 LATITUD: 7-35 N. LONGITUD: 72-36 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	27.1	21.0	79.8	19.593	17.1	0.0	12.5	12.5	2.5
2	17.5	27.5	20.7	84.5	20.666	18.0	16.5	4.9	21.4	2.9
3	16.6	25.5	19.9	89.7	21.078	18.3	99.0	0.7	99.7	5.3
4	15.5	28.0	20.5	80.1	18.945	16.6	3.2	0.0	3.2	5.2
5	16.6	27.3	21.2	83.7	20.769	18.1	0.0	0.0	0.0	4.5
6	17.0	24.5	20.0	89.1	20.843	18.1	0.0	19.8	19.8	2.7
7	18.0	26.0	20.3	87.6	21.070	18.3	11.6	0.0	11.6	4.7
8	17.0	26.0	20.9	87.0	21.561	18.7	0.1	0.3	0.4	4.5
9	16.9	26.0	20.7	83.6	20.423	17.8	8.9	0.3	9.2	4.8
10	16.0	26.6	19.3	92.1	21.063	18.3	1.0	1.3	2.3	4.2
11	16.5	26.6	20.2	80.7	18.910	16.6	0.0	0.0	0.0	1.1
12	16.0	26.8	19.7	83.7	19.265	16.9	76.7	15.2	91.9	4.5
13	17.1	23.6	19.5	90.4	20.503	17.9	0.9	8.2	9.1	0.8
14	16.6	23.0	19.5	87.4	19.738	17.3	0.0	0.5	0.5	0.2
15	17.0	21.0	18.6	95.9	20.733	18.1	8.2	0.9	9.1	0.1
16	17.1	26.8	20.7	84.1	20.479	17.9	0.0	0.0	0.0	4.9
17	15.3	27.5	19.2	81.4	18.357	16.1	0.0	0.0	0.0	5.9
18	15.0	27.5	20.2	78.7	18.190	15.9	0.0	0.0	0.0	8.9
19	15.4	25.0	20.0	87.5	20.490	17.8	0.0	0.0	0.0	7.6
20	16.0	26.6	21.2	81.8	20.288	17.7	0.0	0.0	0.0	5.4
21	15.5	26.0	20.0	88.6	20.625	17.9	0.0	0.9	0.9	7.8
22	15.5	26.0	19.9	88.4	20.342	17.7	0.0	0.0	0.0	4.9
23	15.6	26.6	19.2	82.3	18.121	15.9	0.0	0.0	0.0	5.4
24	14.4	28.6	20.8	79.0	19.088	16.7	0.0	0.0	0.0	7.7
25	16.5	27.6	20.3	79.2	18.869	16.6	0.0	0.0	0.0	5.1
26	16.0	27.3	19.8	78.5	18.071	15.9	0.0	0.0	0.0	4.3
27	16.8	28.5	22.0	75.7	19.227	16.8	0.0	0.0	0.0	7.6
28	15.0	27.5	19.0	81.4	17.814	15.7	0.0	0.0	0.0	5.7
29	14.0	26.0	18.1	83.1	17.435	15.3	0.0	0.0	0.0	6.0
30	12.5	29.0	18.4	70.8	13.971	11.8	0.0	0.0	0.0	8.7
PROM.	16.0	26.4	20.0	83.9	19.551	17.1	226.1	65.5	291.6	143.9

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.0	28.0	18.6	75.0	15.663	13.5	0.0	0.0	0.0	8.6
2	17.0	28.4	20.2	76.5	17.698	15.5	0.0	0.0	0.0	4.5
3	17.0	28.3	20.4	79.5	18.830	16.5	0.0	0.0	0.0	3.6
4	15.0	27.5	19.9	81.5	18.503	16.2	0.0	0.0	0.0	6.5
5	14.0	27.3	18.9	76.5	16.101	14.0	0.0	0.0	0.0	7.2
6	14.4	27.4	19.5	75.4	17.447	15.3	0.0	0.0	0.0	7.4
7	16.0	27.1	20.2	76.8	18.159	15.9	0.0	0.0	0.0	2.5
8	17.1	28.0	20.0	78.8	18.485	16.3	0.0	0.0	0.0	4.9
9	14.6	29.0	19.9	81.3	18.595	16.2	0.0	0.0	0.0	8.6
10	16.0	26.5	18.4	79.5	16.706	14.6	0.0	0.0	0.0	4.4
11	14.0	27.5	19.8	77.3	16.971	14.8	0.0	0.0	0.0	7.6
12	15.1	27.5	19.5	75.3	16.710	14.7	0.0	0.0	0.0	4.4
13	13.8	28.5	21.0	72.1	17.130	14.9	0.0	0.4	0.4	7.8
14	15.8	28.0	21.3	74.9	18.134	15.8	0.0	0.0	0.0	8.6
15	13.0	28.3	19.2	72.8	15.255	13.0	0.0	0.0	0.0	9.0
16	12.6	28.0	18.7	66.8	13.725	11.5	0.0	0.0	0.0	8.4
17	14.5	28.0	20.0	73.3	16.428	14.3	0.0	0.0	0.0	6.8
18	14.5	28.1	20.7	72.2	16.382	14.1	0.0	0.0	0.0	8.1
19	15.0	28.3	19.8	77.5	17.436	15.3	0.0	0.0	0.0	7.0
20	14.0	25.6	19.8	83.0	18.937	16.6	0.0	0.0	0.0	5.1
21	13.5	29.0	19.5	74.2	15.975	13.9	0.0	0.0	0.0	8.6
22	14.5	29.0	20.6	74.5	17.210	15.0	0.0	0.0	0.0	4.7
23	14.5	26.0	20.0	79.3	18.247	16.0	0.0	0.0	0.0	2.7
24	14.4	26.0	19.6	81.2	18.150	15.9	0.0	0.0	0.0	7.5
25	14.5	28.3	20.3	73.9	16.664	14.5	0.0	0.0	0.0	7.9
26	16.0	27.3	21.9	75.3	18.792	16.5	0.0	0.0	0.0	1.2
27	17.5	28.0	21.7	80.6	20.667	18.0	0.0	0.0	0.0	4.4
28	17.5	27.1	21.0	81.8	20.184	17.6	0.0	0.0	0.0	6.5
29	16.9	19.0	17.8	89.2	18.356	16.2	0.0	0.0	0.0	0.0
30	14.6	27.0	20.4	72.3	16.951	14.8	0.0	0.0	0.0	5.5
31	12.5	27.0	19.2	77.5	16.273	14.0	0.0	0.0	0.0	7.9
PROM.	14.9	27.5	19.9	77.0	17.444	15.2	0.0	0.4	0.4	187.9

ESTACION: BLONAY MUNICIPIO CHINACOTA AÑO: 1.977

ALTITUD: 1.235 LATITUD: 7-35 N. LONGITUD: 72-36 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	14.3	26.2	19.8	10.6	29.1	76.9	17.256	15.0	4.3	5	173.8
FEBRERO	14.6	27.7	20.8	12.5	30.6	70.6	16.823	14.7	0.0	0	161.4
MARZO	16.1	26.6	20.9	13.0	31.5	72.8	17.541	15.3	51.0	9	108.3
ABRIL	16.9	25.2	20.2	15.0	29.9	81.9	19.290	16.9	118.3	15	69.4
MAYO	16.7	26.0	20.3	15.5	29.8	81.9	19.474	17.0	98.5	17	107.7
JUNIO	16.2	26.0	20.0	15.0	29.9	80.1	18.651	16.3	94.3	22	105.7
JULIO	15.6	26.5	19.9	13.5	30.6	79.4	18.251	16.0	68.6	16	134.0
AGOSTO	16.2	27.6	20.8	14.5	31.5	77.5	18.662	16.3	46.9	17	142.7
SEPTIEMBRE	17.0	27.5	20.7	14.0	30.9	78.0	18.798	16.5	73.3	15	118.7
OCTUBRE	16.9	27.2	20.9	15.3	30.4	80.6	19.700	17.2	131.9	21	137.8
NOVIEMBRE	16.0	26.4	20.0	12.5	29.0	83.9	19.551	17.1	291.6	14	143.9
DICIEMBRE	14.9	27.5	19.9	12.0	29.0	77.0	17.444	15.2	0.4	1	187.9
PROMEDIO	16.0	26.7	20.4	13.6	30.2	78.4	18.453	16.1			
TOTAL									979.1	152	1591.3

ESTACION: LA BELLA MUNICIPIO: CALARCA AÑO: 1.977

ALTITUD: 1.450 LATITUD: 4-30 N. LONGITUD: 75-38 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	25.3	20.0	85.0	19.774	17.3	0.0	0.0	0.0	3.6
2	15.0	27.0	21.4	78.6	19.334	16.9	0.0	0.0	0.0	7.3
3	15.0	26.8	20.9	85.0	20.633	17.9	0.0	0.4	0.4	6.6
4	15.6	28.3	23.1	68.3	17.915	15.6	0.0	0.0	0.0	8.3
5	13.6	30.0	22.3	66.2	16.285	14.2	0.0	0.0	0.0	10.1
6	14.3	27.1	20.5	81.5	19.028	16.7	0.0	0.0	0.0	10.4
7	14.6	27.0	20.7	74.0	17.466	15.3	0.0	0.0	0.0	8.4
8	14.8	27.3	20.8	79.6	19.007	16.6	0.0	0.0	0.0	9.4
9	15.4	27.0	20.5	82.0	19.304	16.8	0.0	0.0	0.0	8.3
10	14.6	28.0	21.3	76.3	18.603	16.4	0.0	0.0	0.0	6.5
11	14.0	28.0	21.3	76.4	18.697	16.4	0.0	0.0	0.0	8.1
12	14.0	28.0	21.4	78.5	19.262	16.9	0.0	0.0	0.0	7.0
13	14.0	28.0	21.4	78.0	19.098	16.7	0.0	0.0	0.0	7.0
14	14.0	27.0	21.5	78.1	19.487	17.1	0.0	0.0	0.0	5.3
15	15.6	29.0	21.9	81.0	20.646	18.0	0.0	0.0	0.0	6.6
16	16.4	27.9	22.5	76.6	20.279	17.7	0.0	0.0	0.0	3.7
17	15.4	28.3	21.6	77.9	19.667	17.2	0.0	0.0	0.0	7.3
18	15.6	26.2	20.9	82.1	19.966	17.5	0.0	0.0	0.0	3.4
19	15.6	27.2	20.6	84.9	20.389	17.8	0.9	5.2	6.1	3.7
20	16.0	28.0	21.8	79.5	20.181	17.6	0.0	0.0	0.0	8.3
21	14.3	29.0	21.3	77.5	18.813	16.5	0.0	0.0	0.0	8.4
22	14.4	28.0	21.1	78.8	19.102	16.7	0.0	0.0	0.0	5.8
23	16.5	24.8	20.2	84.9	20.224	17.7	0.0	0.0	0.0	3.3
24	16.3	26.0	21.1	81.7	20.068	17.6	0.0	0.0	0.0	5.3
25	15.4	28.0	22.1	75.0	19.327	16.9	0.0	0.0	0.0	1.7
26	16.0	26.2	21.0	82.0	19.990	17.4	0.0	0.0	0.0	6.0
27	14.5	27.0	20.9	76.3	18.386	16.1	0.0	3.7	3.7	6.6
28	16.3	27.0	21.4	79.3	19.779	17.3	0.0	0.0	0.0	6.0
29	17.0	27.0	21.1	77.7	19.116	16.8	0.0	0.0	0.0	6.5
30	16.0	25.3	20.3	74.0	17.363	15.3	0.0	0.0	0.0	5.1
31	16.0	27.0	20.6	80.5	19.239	16.8	0.0	0.0	0.0	5.4
PROM.	15.2	27.3	21.2	78.6	19.246	16.8	0.9	9.3	10.2	200.4

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	25.5	20.3	82.8	19.538	17.2	0.0	0.3	0.3	3.2
2	16.3	26.2	20.9	81.4	19.609	17.2	0.0	0.0	0.0	3.8
3	14.6	28.5	21.2	74.5	18.067	15.8	0.0	0.0	0.0	8.4
4	14.8	27.0	21.0	75.4	18.106	15.8	0.0	0.0	0.0	7.6
5	14.6	28.0	20.9	76.1	18.097	15.9	0.0	0.0	0.0	7.7
6	14.0	28.0	21.5	78.3	19.322	17.0	0.0	0.0	0.0	6.1
7	16.2	23.5	19.8	89.9	20.625	18.0	0.0	0.0	0.0	0.1
8	16.5	30.0	23.3	70.6	19.129	16.8	0.0	0.0	0.0	8.3
9	15.6	26.0	21.4	82.3	20.523	17.9	0.0	0.0	0.0	2.2
10	15.6	28.6	22.6	76.1	20.260	17.7	0.0	0.0	0.0	6.2
11	16.5	27.0	20.9	83.3	20.061	17.5	0.0	19.2	19.2	3.8
12	17.0	25.5	19.9	87.5	20.162	17.6	0.5	0.0	0.5	0.9
13	16.6	26.0	22.1	69.5	17.657	15.4	0.0	0.0	0.0	4.2
14	16.4	27.0	20.6	79.5	19.126	16.8	0.0	0.0	0.0	4.5
15	15.4	27.0	21.6	75.8	18.759	16.5	0.0	5.1	5.1	0.0
16	16.6	25.0	20.5	85.4	20.273	17.7	7.4	0.0	7.4	0.5
17	16.5	24.6	20.4	83.8	19.796	17.3	0.0	0.0	0.0	0.9
18	16.8	27.3	19.9	81.0	18.662	16.6	0.3	0.0	0.3	3.9
19	17.4	23.3	19.2	87.2	19.706	17.2	0.0	0.0	0.0	1.1
20	14.9	24.4	18.9	84.3	18.019	15.8	0.0	0.5	0.5	1.1
21	14.5	26.0	19.7	86.4	19.612	17.2	0.0	0.0	0.0	3.9
22	15.8	26.5	21.2	71.1	16.731	14.4	0.0	0.0	0.0	4.3
23	14.5	27.5	20.9	77.4	18.415	16.2	0.0	0.0	0.0	7.6
24	14.5	26.5	19.6	85.2	19.348	16.9	5.8	0.0	5.8	4.3
25	14.8	26.0	20.3	78.5	18.379	16.2	0.2	0.0	0.2	4.2
26	15.8	27.1	22.1	76.8	19.623	17.2	0.0	0.0	0.0	5.7
27	15.4	25.3	20.0	78.4	18.025	15.8	2.8	0.0	2.8	2.4
28	14.0	28.0	20.8	82.8	19.975	17.4	0.0	0.0	0.0	7.3
PROM.	15.6	26.4	20.8	80.0	19.136	16.8	17.0	25.1	42.1	114.2

ESTACION: LA BELLA MUNICIPIO: CALARCA AÑO: 1.977

ALTITUD: 1.450 LATITUD: 4-30 N. LONGITUD: 75-38 W.

M E S - MARZO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	26.1	21.5	76.6	19.101	16.8	0.0	0.0	0.0	3.1
2	14.8	28.8	22.5	72.9	18.640	16.3	0.0	0.0	0.0	6.7
3	16.0	27.6	21.7	76.0	19.036	16.7	0.0	0.0	0.0	4.7
4	14.9	30.0	22.5	74.2	19.282	16.9	0.0	0.0	0.0	6.8
5	15.6	29.3	22.3	69.9	17.464	15.1	0.0	0.0	0.0	6.8
6	16.1	30.0	22.1	77.3	20.146	17.6	0.0	0.0	0.0	5.9
7	14.8	30.3	23.9	60.6	16.527	14.4	0.0	0.0	0.0	9.4
8	14.8	30.3	23.0	61.7	15.797	13.7	0.0	0.0	0.0	6.7
9	15.6	29.3	23.9	66.9	18.214	15.9	0.0	0.0	0.0	6.7
10	17.4	32.2	24.3	74.2	21.698	18.8	0.0	0.0	0.0	7.6
11	17.0	29.2	22.1	80.7	21.268	18.5	0.0	0.0	0.0	4.9
12	15.5	27.1	20.2	85.4	20.205	17.7	0.4	0.0	0.4	3.9
13	15.4	26.0	19.6	85.5	19.747	17.3	0.1	0.0	0.1	2.4
14	14.0	27.0	20.3	83.3	19.739	17.2	0.0	0.0	0.0	3.3
15	14.8	27.1	21.9	76.7	19.321	17.0	0.0	0.0	0.0	2.7
16	18.0	25.1	21.6	83.8	21.041	18.3	0.0	0.0	0.0	0.9
17	16.0	26.0	20.7	85.9	20.920	18.2	1.5	20.7	22.2	0.7
18	16.3	27.1	20.3	83.5	19.904	17.4	3.4	0.0	3.4	3.9
19	16.6	24.0	20.8	83.5	20.102	17.5	0.0	0.0	0.0	0.1
20	15.0	28.1	22.1	77.4	19.945	17.4	0.0	0.0	0.0	4.1
21	16.3	28.3	20.9	84.3	20.848	18.2	5.3	0.0	5.3	5.3
22	18.0	25.0	20.8	87.0	21.245	18.4	0.0	1.1	1.1	0.7
23	16.5	24.0	20.1	86.8	20.227	17.7	0.0	9.3	9.3	1.1
24	16.8	25.0	19.8	86.4	19.952	17.5	0.0	0.0	0.0	2.8
25	16.9	25.5	20.1	88.5	20.794	18.1	0.0	0.0	0.0	1.3
26	17.4	28.1	21.9	81.7	21.035	18.3	0.3	0.0	0.3	6.1
27	17.5	26.0	20.2	89.9	21.221	18.4	0.0	0.0	0.0	2.8
28	16.9	23.3	18.9	88.6	19.443	17.0	1.7	1.6	3.3	4.1
29	16.0	26.0	19.2	88.0	19.377	17.0	0.0	27.4	27.4	0.8
30	17.0	23.6	20.1	88.2	20.548	17.9	9.1	7.5	16.6	0.7
31	16.6	23.0	18.8	87.6	19.084	16.8	6.6	1.4	8.0	1.0
PROM.	16.2	27.0	21.2	80.4	19.738	17.2	28.4	69.0	97.4	118.0

M E S - ABRIL

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.3	25.5	20.3	83.9	19.711	17.3	10.3	29.6	39.9	4.0
2	16.5	26.0	19.1	86.7	19.452	17.1	0.4	28.9	29.3	2.7
3	16.0	24.0	18.6	87.8	19.175	16.8	29.9	0.0	29.9	4.0
4	15.6	23.0	18.9	87.8	19.046	16.7	0.0	0.0	0.0	0.9
5	13.6	27.0	20.5	77.7	18.174	15.9	0.0	0.0	0.0	5.9
6	14.5	25.8	20.1	79.6	18.290	16.0	0.0	0.0	0.0	6.3
7	15.6	27.0	20.9	81.7	19.944	17.4	0.0	0.0	0.0	3.7
8	16.8	25.0	18.6	91.7	19.883	17.4	0.0	0.0	0.0	0.0
9	14.8	27.0	20.9	84.2	20.247	17.6	0.0	0.0	0.0	6.1
10	16.6	27.0	21.6	81.6	20.734	18.1	0.0	0.0	0.0	4.0
11	16.5	27.0	22.1	81.4	21.419	18.6	0.0	0.0	0.0	4.2
12	17.6	24.0	21.2	86.6	21.789	18.9	0.0	0.0	0.0	0.0
13	16.6	26.1	21.3	80.6	20.052	17.5	0.0	0.0	0.0	5.2
14	17.4	24.0	20.8	87.1	21.384	18.6	0.0	0.0	0.0	0.1
15	17.5	30.0	23.3	75.6	20.862	18.2	0.0	0.0	0.0	8.6
16	16.5	25.0	21.1	83.3	20.683	18.0	0.0	0.0	0.0	0.2
17	18.5	24.5	20.1	89.0	21.366	18.5	0.0	0.0	0.0	0.9
18	14.6	28.5	21.2	81.9	19.895	17.3	0.0	0.0	0.0	5.1
19	16.6	27.8	21.8	85.4	22.000	19.0	0.0	0.0	0.0	0.2
20	16.5	27.3	21.2	82.2	20.705	18.0	4.3	0.0	4.3	4.8
21	17.0	22.5	18.9	92.1	20.753	18.1	6.6	0.0	6.6	0.6
22	14.6	26.0	20.7	82.5	19.638	17.1	0.0	1.6	1.6	5.1
23	16.3	20.0	17.2	97.5	19.137	16.8	49.0	0.0	49.0	0.3
24	15.6	23.5	19.2	86.3	18.823	16.6	0.0	0.0	0.0	1.6
25	15.5	27.0	21.6	77.8	19.682	17.2	0.0	19.4	19.4	6.5
26	16.5	24.5	20.0	86.4	19.977	17.5	4.6	36.3	40.9	0.9
27	15.8	24.0	19.6	89.1	20.120	17.6	0.1	1.1	1.2	0.7
28	16.5	24.5	19.3	85.5	19.293	16.9	8.7	0.0	8.7	1.8
29	15.4	23.0	18.9	89.9	19.656	17.2	4.6	5.2	9.8	1.3
30	15.8	24.4	19.6	85.7	19.424	17.1	5.7	2.1	7.8	2.5
PROM.	16.1	25.4	20.3	85.0	20.044	17.5	124.2	124.2	248.4	88.2

ESTACION: LA BELLA MUNICIPIO: CALARCA AÑO: 1.977

ALTITUD: 1.450 LATITUD: 4-30 N. LONGITUD: 75-38 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	26.0	20.8	87.0	21.080	18.2	0.0	0.0	0.0	5.8
2	16.8	26.0	20.7	83.0	20.215	17.7	0.2	0.3	0.5	4.0
3	17.0	26.3	20.4	85.0	20.551	17.9	3.4	44.2	47.6	5.3
4	15.6	23.8	18.9	85.3	18.436	16.2	1.0	0.0	1.0	4.4
5	15.4	21.5	18.2	90.5	18.792	16.5	11.5	0.0	11.5	0.1
6	14.6	24.6	19.8	82.1	18.738	16.4	0.7	0.0	0.7	3.0
7	15.6	24.5	20.3	87.6	20.719	18.1	0.0	0.0	0.0	1.9
8	16.5	24.5	20.3	83.9	19.832	17.4	0.0	0.0	0.0	2.6
9	17.0	24.0	20.3	88.0	20.967	18.3	0.0	0.0	0.0	1.4
10	17.6	25.0	20.9	84.8	20.806	18.2	0.0	1.4	1.4	1.8
11	17.4	24.8	21.1	81.6	20.131	17.6	0.3	4.0	4.3	2.0
12	17.1	26.5	21.3	79.7	19.566	17.1	0.0	0.0	0.0	2.7
13	16.8	26.0	21.5	83.2	21.438	18.6	0.0	0.0	0.0	1.3
14	17.5	22.0	18.9	92.1	20.608	18.0	2.5	0.0	2.5	0.1
15	15.4	23.0	18.5	91.8	19.715	17.3	6.9	1.3	8.2	0.9
16	16.0	25.0	19.1	88.1	19.654	17.2	2.6	0.0	2.6	2.4
17	16.4	25.1	19.8	89.0	20.692	18.0	15.0	0.4	15.4	3.0
18	16.5	25.5	20.6	85.2	20.645	18.0	1.6	9.1	10.7	4.9
19	16.5	26.5	20.9	84.1	20.637	18.0	0.0	18.6	18.6	6.6
20	16.6	23.5	20.2	88.5	20.918	18.2	0.0	0.0	0.0	0.3
21	16.8	24.0	20.5	83.6	20.014	17.5	0.0	0.0	0.0	0.5
22	16.8	23.3	20.3	89.2	21.075	18.3	0.0	0.0	0.0	0.2
23	17.5	22.0	19.3	93.1	21.224	18.5	5.8	2.2	8.0	0.6
24	16.4	23.0	19.3	89.1	19.924	17.4	0.0	0.0	0.0	1.0
25	16.5	23.0	19.4	87.7	19.790	17.3	0.3	0.0	0.3	0.3
26	16.6	23.3	20.1	86.4	20.302	17.7	0.1	0.0	0.1	1.3
27	15.8	23.3	19.6	86.9	19.868	17.4	0.0	0.0	0.0	0.8
28	16.5	23.0	19.8	87.4	20.039	17.5	0.1	0.5	0.6	0.6
29	16.5	21.3	18.8	92.0	19.990	17.5	0.2	3.4	3.6	0.0
30	16.0	24.8	20.6	81.9	19.550	17.1	0.0	0.0	0.0	2.2
31	16.4	22.2	19.3	89.5	20.201	17.6	0.0	0.0	0.0	0.4
PROM.	16.4	24.1	20.0	86.7	20.197	17.6	52.2	85.4	137.6	62.4

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.4	24.0	18.8	83.9	18.310	16.0	0.0	16.0	16.0	2.9
2	15.6	22.3	18.5	85.9	18.149	16.0	0.4	0.0	0.4	0.2
3	15.8	24.5	19.9	85.4	19.610	17.2	0.0	0.4	0.4	2.8
4	16.1	25.0	19.8	82.8	18.792	16.5	1.3	0.0	1.3	2.1
5	15.6	25.0	19.4	84.7	19.435	17.1	0.7	0.0	0.7	3.8
6	15.6	24.1	19.9	87.3	20.321	17.8	0.8	15.8	16.6	3.2
7	16.3	22.0	18.4	91.5	19.416	17.0	5.5	12.3	17.8	1.8
8	15.4	23.1	19.2	88.3	19.592	17.2	0.0	0.0	0.0	3.7
9	16.5	24.1	20.4	86.4	20.341	17.8	0.0	0.0	0.0	3.0
10	16.0	24.1	18.8	87.5	19.155	16.8	6.4	0.0	6.4	0.6
11	13.6	24.0	18.6	85.1	17.908	15.7	0.0	26.4	26.4	4.8
12	14.8	22.5	17.4	96.1	19.109	16.8	3.5	0.0	3.5	1.1
13	15.0	23.0	18.8	85.2	18.324	16.1	0.0	4.6	4.6	2.0
14	14.8	24.0	19.6	82.3	18.370	16.2	0.0	0.3	0.3	3.0
15	16.0	26.5	21.0	80.6	19.693	17.2	0.0	0.0	0.0	7.8
16	15.4	24.1	20.4	84.9	19.925	17.4	0.0	0.0	0.0	2.3
17	15.6	27.3	22.1	77.6	20.161	17.6	0.0	0.0	0.0	6.4
18	14.8	26.0	20.8	82.4	19.985	17.5	0.0	0.0	0.0	3.7
19	16.5	25.5	20.0	86.0	20.296	17.7	0.0	0.0	0.0	3.2
20	14.6	23.6	19.1	88.0	19.492	17.1	7.2	2.7	9.9	1.5
21	15.6	22.0	17.9	89.5	18.593	16.4	2.8	0.0	2.8	0.6
22	14.9	28.0	20.2	82.5	19.303	16.9	0.0	0.0	0.0	6.4
23	14.6	26.0	20.0	79.6	18.453	16.2	0.0	0.0	0.0	4.5
24	17.0	25.0	20.6	86.2	20.995	18.3	0.0	0.0	0.0	2.6
25	16.8	26.5	21.1	81.0	20.539	17.9	0.0	0.0	0.0	5.7
26	15.4	26.0	20.5	82.6	19.745	17.3	0.0	0.0	0.0	4.4
27	16.5	28.3	22.5	66.9	17.126	14.8	0.0	0.0	0.0	7.0
28	14.8	24.8	20.2	82.6	19.314	17.0	0.0	0.0	0.0	1.8
29	16.5	24.0	19.3	86.7	19.682	17.2	1.5	0.0	1.5	1.3
30	15.6	24.6	18.9	91.2	20.163	17.6	3.0	7.4	10.4	1.6
PROM.	15.5	24.7	19.7	84.7	19.343	16.9	33.1	85.9	119.0	95.8

ESTACION: LA BELLA MUNICIPIO: CALARCA AÑO: 1.977

ALTITUD: 1.450 LATITUD: 4-30 N. LONGITUD: 75-38 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.6	24.0	19.3	82.3	18.148	16.0	0.0	0.0	0.0	4.9
2	15.0	25.0	19.8	82.9	18.733	16.4	0.0	0.0	0.0	4.2
3	16.5	26.5	20.5	83.0	19.915	17.5	0.0	0.0	0.0	3.6
4	16.0	26.2	21.2	83.7	20.683	18.0	0.0	0.0	0.0	0.0
5	16.0	25.5	19.7	89.1	20.573	18.0	5.6	8.3	13.9	2.1
6	15.8	24.5	19.8	86.7	19.881	17.4	0.1	6.9	7.0	1.4
7	15.9	24.0	19.4	88.9	19.649	17.2	1.0	0.0	1.0	1.2
8	16.5	24.5	20.5	80.7	19.082	16.7	0.0	0.0	0.0	1.8
9	16.0	25.0	18.7	83.8	18.487	16.2	3.3	0.0	3.3	2.3
10	15.5	23.5	19.6	83.1	18.615	16.4	0.0	0.0	0.0	1.9
11	14.9	27.6	22.0	70.3	17.609	15.5	0.0	0.0	0.0	7.6
12	15.5	23.0	19.9	86.0	19.727	17.3	0.0	0.0	0.0	0.0
13	15.6	29.2	22.4	78.0	20.208	17.6	0.0	0.0	0.0	5.6
14	16.6	25.0	21.2	85.1	21.076	18.3	0.0	0.2	0.2	1.0
15	16.8	25.0	20.7	89.2	21.398	18.5	0.1	1.1	1.2	1.0
16	16.8	26.0	20.6	81.9	19.639	17.2	0.0	0.0	0.0	3.2
17	16.8	26.8	22.1	63.8	16.209	14.0	0.0	0.0	0.0	3.2
18	13.8	28.0	22.5	66.9	17.174	15.0	0.0	0.0	0.0	7.3
19	14.6	26.0	19.8	83.6	19.254	16.9	0.0	0.0	0.0	4.8
20	16.1	26.0	20.6	84.7	20.053	17.5	0.0	0.0	0.0	4.3
21	15.5	28.0	21.9	79.0	19.911	17.4	0.0	0.0	0.0	9.2
22	15.3	28.0	21.9	77.7	19.621	17.2	0.0	0.0	0.0	8.4
23	15.5	28.0	21.7	77.3	19.506	17.1	0.0	0.0	0.0	8.3
24	16.5	25.0	20.7	80.9	19.693	17.2	0.0	0.0	0.0	5.0
25	16.3	25.0	20.7	82.5	19.928	17.5	0.0	1.3	1.3	3.4
26	16.5	24.0	19.6	88.3	20.256	17.7	0.0	4.0	4.0	2.2
27	15.8	22.5	18.8	88.5	19.191	16.8	5.5	2.8	8.3	1.6
28	15.6	30.0	22.3	59.7	14.479	12.3	0.0	0.0	0.0	7.1
29	16.0	31.0	22.2	66.6	16.841	14.6	0.0	0.0	0.0	10.2
30	15.5	27.1	21.9	76.7	19.630	17.2	0.0	0.0	0.0	8.3
31	17.0	25.0	19.3	88.7	20.132	17.6	7.7	2.6	10.3	3.0
PROM.	15.8	26.0	20.7	80.6	19.203	16.8	23.3	27.2	50.5	128.1

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	24.0	19.9	84.4	19.418	17.0	0.2	0.4	0.6	3.7
2	16.0	28.0	21.8	70.1	17.391	15.2	0.0	0.0	0.0	5.1
3	14.5	25.0	21.0	78.3	18.995	16.6	0.0	0.0	0.0	4.6
4	16.6	25.3	20.6	81.9	19.575	17.2	0.0	0.0	0.0	4.9
5	16.5	25.0	20.6	83.6	19.974	17.5	0.0	0.0	0.0	3.8
6	16.6	25.5	20.2	83.6	19.608	17.2	13.0	9.9	22.9	3.0
7	16.5	24.5	19.3	89.2	19.802	17.4	2.0	8.5	10.5	2.8
8	15.5	24.5	20.1	85.7	19.582	17.1	0.0	1.4	1.4	4.3
9	17.5	23.3	19.6	88.7	20.252	17.7	0.3	0.0	0.3	2.5
10	14.6	26.5	20.6	83.5	19.903	17.3	0.0	0.0	0.0	8.2
11	17.6	25.0	20.5	85.0	20.486	17.9	0.0	0.0	0.0	4.9
12	14.6	26.0	19.4	83.4	19.126	16.8	0.0	1.9	1.9	4.1
13	15.5	26.5	21.0	81.7	19.559	17.1	0.0	32.5	32.5	9.0
14	16.0	23.5	19.6	82.7	18.526	16.3	0.2	0.0	0.2	4.3
15	16.5	25.4	21.5	79.5	20.029	17.5	0.0	5.7	5.7	3.2
16	17.0	24.5	20.8	83.5	20.154	17.6	1.2	0.0	1.2	1.7
17	16.3	26.0	21.1	78.9	19.573	17.2	0.0	0.0	0.0	8.1
18	15.5	26.0	20.3	81.5	19.307	16.9	0.0	0.0	0.0	6.2
19	15.1	26.2	20.3	78.2	18.301	16.1	0.0	2.0	2.0	6.5
20	17.0	24.0	19.5	89.0	19.983	17.5	4.7	16.6	21.3	2.7
21	16.4	23.5	18.9	88.3	19.205	16.9	0.2	0.0	0.2	1.7
22	16.0	26.3	21.3	78.9	19.528	17.1	0.0	0.0	0.0	8.2
23	15.6	28.0	21.6	78.0	19.588	17.2	0.0	0.0	0.0	10.7
24	15.2	27.0	21.2	79.6	19.628	17.2	0.0	0.0	0.0	8.9
25	16.0	26.0	21.1	81.6	19.980	17.5	0.0	0.0	0.0	6.3
26	15.5	26.6	20.6	82.5	19.788	17.3	0.0	0.0	0.0	5.4
27	15.5	25.0	19.6	83.6	19.234	16.9	0.0	0.0	0.0	4.9
28	16.0	29.0	22.0	60.9	14.933	12.8	0.0	0.0	0.0	5.2
29	14.8	27.5	21.1	79.0	19.283	16.9	0.0	0.0	0.0	6.9
30	16.5	27.0	21.5	79.3	19.850	17.4	0.0	0.0	0.0	5.2
31	16.8	26.5	21.7	79.9	20.486	17.9	0.0	0.0	0.0	1.4
PROM.	16.0	25.7	20.6	81.4	19.389	17.0	21.8	78.9	100.7	158.4

ESTACION: . LA BELLA MUNICIPIO: CALARCA AÑO: 1.977

ALTITUD: 1.450 LATITUD: 4-30 N. LONGITUD: 75-38 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	26.5	21.5	72.2	17.776	15.4	0.0	0.0	0.0	5.3
2	16.0	30.0	22.6	61.1	15.451	13.3	0.0	0.0	0.0	5.0
3	16.0	27.0	19.9	84.0	19.676	17.3	0.0	0.0	0.0	4.2
4	16.0	26.0	20.2	84.3	20.100	17.6	0.0	0.0	0.0	5.4
5	17.0	26.0	21.2	83.1	20.396	17.8	0.0	0.0	0.0	2.3
6	16.5	29.5	23.5	59.3	15.680	13.4	0.0	0.0	0.0	6.5
7	16.4	30.0	23.8	56.8	15.299	13.2	0.0	0.0	0.0	9.8
8	17.1	25.2	21.9	76.6	19.874	17.4	0.0	0.0	0.0	1.9
9	17.0	27.5	22.0	80.6	20.952	18.2	0.0	0.0	0.0	4.2
10	18.0	27.0	22.6	69.1	17.990	15.8	0.0	0.0	0.0	3.3
11	17.3	27.4	22.1	74.0	19.199	16.9	0.0	0.0	0.0	7.9
12	16.0	25.5	19.4	88.7	20.332	17.7	0.8	0.7	1.5	0.9
13	16.0	25.0	19.3	88.9	19.980	17.5	13.5	0.2	13.7	2.2
14	16.8	20.6	18.5	93.1	19.606	17.2	0.0	0.0	0.0	0.0
15	15.1	23.3	19.7	87.9	19.739	17.3	0.0	0.0	0.0	1.7
16	16.3	25.0	21.3	78.1	19.121	16.8	0.0	0.0	0.0	5.6
17	16.8	28.0	21.9	76.5	19.665	17.2	0.0	0.0	0.0	6.5
18	15.4	25.4	19.4	80.7	18.283	16.1	6.2	10.7	16.9	4.7
19	16.1	26.4	19.5	80.8	18.343	16.1	24.8	27.2	52.0	6.3
20	16.3	25.0	20.2	83.8	19.513	17.1	0.0	0.0	0.0	1.4
21	16.8	24.0	20.3	83.5	19.597	17.1	0.0	3.9	3.9	0.8
22	15.6	24.0	19.1	87.3	19.246	16.9	0.4	0.0	0.4	1.2
23	16.5	24.8	20.5	84.9	20.418	17.8	10.1	0.0	10.1	2.6
24	15.6	25.0	19.6	82.8	19.097	16.7	1.3	6.0	7.3	2.7
25	16.0	23.5	19.6	84.4	18.813	16.5	0.5	9.1	9.6	2.2
26	16.0	22.0	18.5	88.8	18.979	16.7	4.0	25.4	29.4	0.0
27	16.0	21.0	18.3	89.2	18.769	16.5	14.4	1.9	16.3	0.0
28	15.3	22.5	17.8	92.4	18.700	16.4	2.3	0.0	2.3	1.5
29	15.1	22.2	18.4	90.6	19.188	16.8	39.1	0.0	39.1	1.0
30	16.5	24.0	19.4	87.6	19.604	17.2	0.0	1.4	1.4	1.5
PROM.	16.2	25.3	20.4	81.0	18.980	16.6	117.4	86.5	203.9	98.6

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	24.5	19.5	87.1	19.744	17.3	0.0	17.5	17.5	3.4
2	16.0	25.3	20.6	82.7	19.763	17.3	0.0	0.0	0.0	5.4
3	16.0	26.4	20.7	79.6	19.231	16.9	0.0	2.2	2.2	6.4
4	17.0	26.0	19.0	80.9	18.141	16.0	0.0	0.0	0.0	4.7
5	17.0	25.0	19.8	83.4	18.920	16.6	63.1	0.0	63.1	3.7
6	16.1	25.6	19.7	85.6	19.758	17.3	3.0	13.6	16.6	2.1
7	16.3	22.0	18.3	91.9	19.442	17.1	2.4	0.0	2.4	0.5
8	16.5	25.5	19.0	85.5	19.052	16.7	4.7	1.0	5.7	3.2
9	15.6	22.4	18.4	87.9	18.567	16.4	3.6	0.0	3.6	1.7
10	17.2	23.0	18.5	92.0	19.642	17.2	1.4	1.2	2.6	0.5
11	16.1	24.0	18.8	85.2	18.515	16.3	9.9	0.0	9.9	2.4
12	16.6	25.0	19.5	88.1	19.812	17.3	1.8	6.5	8.3	1.6
13	16.8	25.0	18.6	89.6	19.452	17.1	25.0	0.0	25.0	1.7
14	15.0	26.0	20.3	83.8	19.572	17.1	0.0	0.0	0.0	6.1
15	17.3	24.5	20.9	81.9	19.846	17.4	0.0	0.0	0.0	1.7
16	17.1	25.4	20.6	83.6	20.111	17.6	0.0	0.0	0.0	3.5
17	16.7	26.0	19.5	83.8	18.954	16.6	11.8	0.7	12.5	3.5
18	15.3	25.3	19.9	83.6	19.101	16.8	0.0	0.0	0.0	3.8
19	15.1	26.2	20.2	85.6	20.225	17.7	0.7	2.8	3.5	4.7
20	17.4	27.2	21.2	86.2	21.189	18.4	0.0	0.0	0.0	5.5
21	17.2	28.0	21.5	82.3	20.764	18.0	0.2	0.0	0.2	7.8
22	18.1	25.0	20.4	87.5	20.835	18.1	0.0	0.0	0.0	2.3
23	16.1	25.0	19.8	86.0	19.998	17.5	0.0	0.0	0.0	4.3
24	16.3	23.0	18.9	88.2	19.208	16.9	0.1	0.0	0.1	0.5
25	16.1	26.5	20.1	82.9	19.380	17.0	1.1	2.6	3.7	4.6
26	17.0	21.3	17.4	91.9	18.465	16.2	0.7	0.0	0.7	0.3
27	16.0	23.1	18.5	86.5	18.437	16.2	0.4	0.0	0.4	3.0
28	15.0	23.0	18.1	85.8	17.947	15.8	13.5	1.2	14.7	3.8
29	14.5	22.0	17.9	86.1	17.491	15.4	0.7	0.0	0.7	2.0
30	15.6	21.5	17.9	90.0	18.437	16.2	1.4	0.0	1.4	1.4
31	14.6	24.0	18.6	82.3	17.558	15.4	0.0	0.0	0.0	4.6
PROM.	16.3	24.6	19.4	85.7	19.276	16.9	145.5	49.3	194.8	100.7

ESTACION: LA BELLA MUNICIPIO: CALARCA AÑO: 1.977

ALTITUD: 1.450 LATITUD: 4-30 N. LONGITUD: 75-38 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.5	18.9	83.5	18.637	16.4	17.1	0.0	17.1	4.6
2	15.0	23.3	18.6	79.8	17.101	15.1	0.0	0.0	0.0	3.8
3	16.3	24.0	19.1	84.5	18.791	16.5	0.2	21.9	22.1	3.0
4	16.0	22.0	18.4	89.3	19.236	16.9	6.5	2.8	9.3	1.0
5	14.0	23.0	18.6	89.2	19.064	16.7	2.5	18.0	20.5	3.3
6	15.5	24.5	18.9	86.7	19.081	16.8	0.0	29.4	29.4	3.3
7	16.0	23.0	18.4	89.6	19.191	16.8	33.6	2.5	36.1	1.4
8	15.6	25.0	20.3	82.9	19.348	16.9	0.0	0.0	0.0	5.6
9	16.8	25.5	20.1	84.8	20.090	17.6	4.6	0.0	4.6	4.3
10	16.6	22.5	18.4	89.2	18.786	16.5	6.0	0.0	6.0	0.7
11	16.0	23.0	18.5	88.4	19.069	16.8	15.3	1.4	16.7	0.9
12	15.5	22.5	18.2	89.3	18.749	16.5	2.1	0.1	2.2	1.6
13	15.0	21.0	17.2	90.7	18.044	15.9	9.5	2.8	12.3	0.5
14	15.3	23.0	18.4	81.5	17.080	15.0	0.0	0.0	0.0	3.7
15	13.1	23.3	18.4	81.9	17.111	15.0	0.0	0.0	0.0	6.0
16	13.1	25.5	19.2	80.0	17.150	15.0	0.0	0.0	0.0	5.4
17	16.3	23.6	18.8	83.7	18.133	16.0	2.1	1.7	3.8	3.9
18	16.3	20.5	17.5	92.8	18.516	16.3	19.2	0.0	19.2	0.0
19	15.0	23.1	19.3	81.4	18.098	15.9	4.3	0.0	4.3	4.9
20	15.8	24.5	20.0	80.5	18.797	16.5	0.6	6.7	7.3	5.0
21	15.5	25.6	20.4	82.7	19.599	17.2	0.2	0.0	0.2	6.8
22	16.0	25.0	19.6	85.4	19.447	17.1	0.2	0.0	0.2	4.2
23	16.0	24.0	19.5	84.7	19.192	16.8	0.0	0.0	0.0	3.7
24	15.0	25.0	19.0	82.6	18.255	16.0	0.0	0.0	0.0	5.0
25	15.8	25.0	20.3	81.7	19.144	16.8	0.0	0.0	0.0	3.1
26	17.3	23.1	19.1	87.1	19.422	17.0	0.4	0.0	0.4	1.0
27	15.0	25.5	19.9	84.9	19.365	16.9	0.0	0.0	0.0	5.5
28	17.0	25.6	20.7	82.2	19.901	17.4	0.0	0.0	0.0	4.5
29	15.9	27.0	21.8	75.6	19.247	16.9	0.0	0.0	0.0	8.1
30	14.5	27.3	21.1	75.7	18.494	16.2	0.0	0.0	0.0	6.0
PROM.	15.6	24.0	19.2	84.4	18.738	16.4	124.4	87.3	211.7	110.8

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	26.0	20.0	81.1	18.810	16.5	0.0	0.0	0.0	5.1
2	15.0	24.5	19.2	84.9	18.675	16.4	0.1	0.9	1.0	3.0
3	17.0	23.0	19.8	85.8	19.576	17.2	0.0	0.0	0.0	2.8
4	15.0	26.0	20.4	76.0	17.717	15.6	0.0	0.0	0.0	6.7
5	16.5	26.3	21.2	78.0	19.227	16.9	0.0	0.0	0.0	5.0
6	17.0	25.5	19.6	84.5	19.449	17.0	15.3	0.0	15.3	2.7
7	16.6	24.0	19.6	86.9	19.780	17.3	0.0	0.0	0.0	3.0
8	16.5	25.5	20.0	82.8	19.306	16.9	0.0	0.0	0.0	5.4
9	15.6	25.5	19.3	86.6	19.698	17.2	2.3	1.1	3.4	3.2
10	16.0	26.0	19.6	86.1	19.511	17.1	4.1	0.1	4.2	5.5
11	13.5	26.5	19.4	82.7	18.402	16.2	0.3	1.2	1.5	6.0
12	15.5	25.0	18.9	80.6	17.494	15.4	0.0	0.5	0.5	3.7
13	16.5	21.4	18.3	88.2	18.696	16.4	1.2	0.0	1.2	0.6
14	14.5	26.0	20.0	80.3	18.507	16.2	0.0	0.0	0.0	6.0
15	16.1	24.5	20.4	79.9	18.579	16.3	0.0	0.0	0.0	2.2
16	15.0	22.2	18.6	86.2	18.554	16.3	0.0	0.0	0.0	1.8
17	15.5	25.0	20.0	79.8	18.336	16.1	0.0	0.0	0.0	3.6
18	15.1	26.0	19.9	79.9	18.526	16.3	0.0	0.1	0.1	7.3
19	16.1	23.0	18.7	83.0	18.121	15.9	0.0	0.0	0.0	1.3
20	14.6	26.0	19.9	82.7	18.962	16.6	0.0	0.0	0.0	7.6
21	15.0	26.0	20.8	79.4	18.941	16.6	0.0	0.0	0.0	9.3
22	15.2	26.1	20.8	78.5	18.638	16.4	0.0	0.0	0.0	5.9
23	17.0	27.1	21.6	79.7	19.998	17.5	0.0	0.0	0.0	8.5
24	16.0	26.5	20.2	84.3	19.810	17.3	2.2	0.0	2.2	4.0
25	16.5	24.5	20.4	85.5	20.491	17.9	0.0	0.0	0.0	2.2
26	16.0	23.5	19.9	80.6	18.415	16.2	0.2	0.0	0.2	2.0
27	16.0	23.0	18.5	86.9	18.777	16.5	16.8	40.4	57.2	0.6
28	15.0	23.5	18.9	84.8	18.302	16.1	0.0	69.6	69.6	2.6
29	16.1	20.5	17.8	91.6	18.588	16.4	6.9	11.5	18.4	0.0
30	15.6	25.5	19.8	81.0	18.283	16.1	0.0	0.0	0.0	4.6
31	15.5	26.0	20.2	78.7	18.229	16.0	0.0	0.7	0.7	3.8
PROM.	15.7	24.8	19.7	82.8	18.852	16.5	49.4	126.1	175.5	126.2

ESTACION: LA BELLA MUNICIPIO CALARCA AÑO: 1.977

ALTITUD: 1.450 LATITUD: 4-30 N. LONGITUD: 75-38 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.2	27.3	21.2	13.6	30.0	78.6	19.246	16.8	10.2	3	200.4
FEBRERO	15.6	26.4	20.8	14.0	30.0	80.0	19.136	16.8	42.1	10	114.2
MARZO	16.2	27.0	21.2	14.0	32.2	80.4	19.738	17.2	97.4	12	118.0
ABRIL	16.1	25.4	20.3	13.6	30.0	85.0	20.044	17.5	248.4	13	88.2
MAYO	16.4	24.1	20.0	14.6	26.5	86.7	20.197	17.6	137.6	18	62.4
JUNIO	15.5	24.7	19.7	13.6	28.3	84.7	19.343	16.9	119.0	16	95.8
JULIO	15.8	26.0	20.7	13.8	31.0	80.6	19.203	16.8	50.5	10	128.1
AGOSTO	16.0	25.7	20.6	14.5	29.0	81.4	19.389	17.0	100.7	13	158.4
SEPTIEMBRE	16.2	25.3	20.4	15.1	30.0	81.0	18.980	16.6	203.9	14	98.6
OCTUBRE	16.3	24.6	19.4	14.5	28.0	85.7	19.276	16.9	194.8	21	100.7
NOVIEMBRE	15.6	24.0	19.2	13.1	27.3	84.4	18.738	16.4	211.7	18	110.8
DICIEMBRE	15.7	24.8	19.7	13.5	27.1	82.8	18.852	16.5	175.5	14	126.2
PROMEDIO	15.9	25.4	20.3	14.0	29.1	82.6	19.345	16.9			
TOTAL									1591.8	162	1401.8

ESTACION: PARAGUAYCITO MUNICIPIO: BUENAVISTA AÑO: 1.977

ALTITUD: 1.250 LATITUD: 4-24 No. LONGITUD: 75-43 We

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	27.3	21.9	76.5	19.644	17.2	0.0	0.0	0.0	4.1
2	16.7	29.1	22.5	73.5	19.292	16.9	0.0	0.0	0.0	8.5
3	16.4	29.1	22.3	70.6	18.203	16.0	0.0	0.0	0.0	9.0
4	16.0	30.5	22.0	72.9	18.735	16.5	0.0	0.0	0.0	9.1
5	14.6	31.0	22.4	67.1	17.345	15.2	0.0	0.0	0.0	10.3
6	13.5	30.0	21.3	69.9	17.026	15.0	0.0	0.0	0.0	10.2
7	14.0	29.4	22.4	66.9	16.960	14.9	0.0	0.0	0.0	10.1
8	14.7	29.5	21.2	73.0	17.878	15.7	0.0	0.0	0.0	8.7
9	15.3	30.0	22.1	69.5	17.572	15.4	0.0	0.0	0.0	9.7
10	15.3	29.0	22.2	69.0	17.601	15.5	0.0	0.0	0.0	8.9
11	14.6	29.5	22.3	66.8	16.834	14.8	0.0	0.0	0.0	10.1
12	15.5	30.0	22.5	66.7	17.219	15.2	0.0	0.0	0.0	9.3
13	15.6	30.0	22.9	65.9	17.415	15.3	0.0	0.0	0.0	10.0
14	14.5	29.6	22.0	68.6	17.248	15.2	0.0	0.0	0.0	8.0
15	16.0	30.1	22.9	67.6	18.245	16.0	0.0	0.0	0.0	8.6
16	16.0	31.0	23.0	65.7	18.139	15.9	0.0	0.0	0.0	5.4
17	15.8	30.8	23.1	65.9	17.800	15.7	0.0	0.0	0.0	9.5
18	16.0	29.7	23.1	67.6	18.333	16.1	0.0	0.0	0.0	4.3
19	17.0	28.8	23.7	67.9	18.957	16.6	0.0	4.6	4.6	6.6
20	18.0	30.5	23.4	70.3	19.659	17.2	0.0	0.0	0.0	9.1
21	15.0	31.0	22.9	70.5	18.552	16.3	0.0	0.0	0.0	10.0
22	15.0	31.5	23.2	71.2	19.131	16.8	0.0	0.0	0.0	7.5
23	17.4	29.0	21.4	83.0	21.446	18.6	0.6	0.0	0.6	4.0
24	17.0	29.3	22.3	76.7	20.091	17.6	0.0	0.0	0.0	5.6
25	16.5	31.3	24.6	64.1	18.754	16.3	0.0	0.0	0.0	7.5
26	17.0	29.8	22.9	75.2	20.361	17.8	1.1	0.0	1.1	5.7
27	17.5	31.4	23.4	68.4	18.858	16.6	0.0	0.0	0.0	7.0
28	18.6	30.9	23.1	71.2	19.574	17.2	0.0	0.0	0.0	6.1
29	18.4	31.4	24.3	69.0	19.997	17.5	0.0	0.0	0.0	8.4
30	17.8	30.1	22.2	78.0	20.581	18.0	2.3	0.0	2.3	5.8
31	17.6	28.9	22.7	67.9	18.319	16.1	0.0	0.0	0.0	6.1
PROM.	16.1	30.0	22.7	70.2	18.573	16.3	4.0	4.6	8.6	243.2

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	29.8	21.2	79.9	20.238	17.7	6.6	0.1	6.7	4.5
2	17.5	29.5	23.4	70.9	19.618	17.2	0.0	0.0	0.0	6.8
3	16.0	31.9	22.7	68.9	18.003	15.8	0.0	0.0	0.0	9.6
4	15.6	31.4	23.3	64.2	17.080	15.0	0.0	0.0	0.0	10.1
5	14.4	30.5	22.3	68.5	17.167	15.1	0.0	0.0	0.0	10.0
6	14.5	30.0	23.4	66.4	17.780	15.6	0.0	0.0	0.0	6.4
7	17.5	26.0	21.0	83.8	20.901	18.2	0.1	0.0	0.1	0.9
8	17.5	32.8	24.7	67.2	19.723	17.3	0.0	0.0	0.0	9.7
9	16.0	29.9	23.5	69.6	19.261	16.9	0.0	0.0	0.0	2.9
10	17.4	32.0	24.8	64.1	19.219	16.9	0.0	0.0	0.0	8.8
11	17.5	30.8	23.7	68.2	19.054	16.8	0.0	35.4	35.4	1.7
12	18.4	26.8	21.1	83.2	20.704	18.0	18.0	0.0	18.0	5.9
13	17.5	31.3	24.0	70.6	19.961	17.5	0.4	0.9	1.3	6.3
14	17.8	30.6	23.1	75.1	20.748	18.1	0.0	0.0	0.0	7.5
15	17.0	30.3	23.0	74.9	20.708	18.0	0.0	2.2	2.2	7.4
16	18.0	28.8	21.4	86.3	21.698	18.8	1.2	0.6	1.8	4.0
17	18.0	29.9	22.4	77.1	20.658	18.0	0.0	0.0	0.0	4.8
18	17.3	31.6	22.8	68.6	18.308	16.1	0.0	0.0	0.0	5.5
19	17.5	27.4	20.9	80.1	19.985	17.5	7.4	0.0	7.4	2.3
20	14.7	27.1	20.5	79.5	18.706	16.4	0.2	0.7	0.9	2.9
21	15.0	28.9	20.6	78.4	18.664	16.4	6.4	0.0	6.4	5.5
22	18.0	29.9	22.7	72.5	19.394	17.0	0.0	0.0	0.0	5.3
23	14.5	31.9	22.2	73.4	19.039	16.7	0.0	0.0	0.0	9.8
24	16.3	30.2	21.5	75.5	18.977	16.6	11.9	0.0	11.9	5.5
25	17.0	29.0	22.9	73.8	20.011	17.5	0.0	0.0	0.0	5.9
26	16.8	30.9	23.9	68.5	19.174	16.9	0.0	0.0	0.0	8.2
27	16.6	28.8	21.9	74.1	19.058	16.7	0.0	0.0	0.0	2.2
28	15.6	32.0	22.3	71.7	18.510	16.3	0.0	0.0	0.0	5.8
PROM.	16.7	30.0	22.5	73.4	19.370	17.0	52.2	39.9	92.1	166.2

ESTACION: PARAGUAYCITO MUNICIPIO: BUENAVISTA AÑO: 1.977

ALTITUD: 1.250 LATITUD: 4-24 'N. LONGITUD: 75-43 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	29.3	23.6	68.7	18.592	16.7	0.0	0.0	0.0	2.6
2	15.8	32.6	24.8	67.0	19.621	17.2	0.0	0.0	0.0	8.7
3	17.0	30.8	22.8	73.7	20.000	17.5	0.0	0.0	0.0	5.9
4	16.0	33.0	23.7	71.5	19.578	17.5	0.0	0.0	0.0	7.7
5	17.0	32.5	25.0	66.5	19.718	17.2	0.0	0.0	0.0	8.8
6	16.6	32.9	24.2	71.2	20.834	18.1	0.0	0.0	0.0	6.8
7	15.5	33.0	25.3	62.6	18.572	16.2	0.0	0.0	0.0	9.9
8	14.8	34.5	25.3	56.8	16.456	14.4	0.0	0.0	0.0	7.6
9	15.4	33.0	24.6	66.1	19.061	16.7	0.0	0.0	0.0	8.7
10	17.7	35.1	25.4	64.2	19.654	17.2	0.0	0.0	0.0	8.3
11	18.0	33.0	23.4	72.5	20.496	17.9	0.0	0.0	0.0	6.0
12	16.2	32.6	21.4	76.5	19.275	16.9	4.2	0.0	4.2	6.8
13	16.5	29.3	22.0	73.6	19.022	16.7	0.0	0.0	0.0	5.1
14	15.5	31.8	22.4	74.8	19.768	17.3	0.5	0.0	0.5	6.3
15	16.8	31.6	22.6	75.4	20.108	17.6	0.3	0.5	0.8	4.3
16	18.8	28.8	22.7	79.2	21.666	18.8	0.0	0.0	0.0	1.4
17	17.5	31.0	23.8	74.3	21.458	18.6	0.0	0.2	0.2	2.7
18	16.6	31.5	22.6	72.8	19.656	17.2	0.0	0.0	0.0	4.9
19	17.5	28.8	21.8	80.2	20.861	18.2	0.0	0.0	0.0	1.0
20	16.5	33.0	24.7	69.7	20.501	17.9	0.0	0.0	0.0	6.3
21	16.8	33.5	23.5	71.9	20.359	17.8	1.7	0.0	1.7	6.5
22	19.0	28.1	23.3	74.0	20.888	18.2	0.0	11.2	11.2	0.4
23	18.5	28.0	21.1	82.8	20.647	18.2	21.2	11.7	32.9	2.0
24	18.5	29.0	23.9	75.1	21.499	18.6	0.0	0.0	0.0	3.0
25	18.5	27.2	23.4	75.1	21.236	18.5	0.0	0.0	0.0	1.3
26	18.8	31.9	22.9	77.0	21.444	18.6	12.6	0.1	12.7	8.6
27	18.4	28.0	22.1	82.2	21.780	18.8	0.0	0.0	0.0	2.1
28	19.0	27.4	21.1	82.1	20.874	18.1	1.0	1.9	2.9	0.0
29	17.5	29.5	22.1	72.6	18.743	16.5	0.0	25.8	25.8	4.8
30	18.5	27.0	21.9	76.8	20.184	17.6	2.0	30.6	32.6	1.6
31	17.5	25.5	20.0	83.2	19.778	17.3	35.9	0.0	35.9	2.6
PROM.	17.2	30.7	23.1	73.2	20.107	17.5	79.4	82.0	161.4	152.7

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	29.0	21.6	76.3	19.378	17.0	0.3	13.5	13.8	6.8
2	18.0	29.5	22.0	77.9	20.284	17.7	0.0	4.5	4.5	3.3
3	17.7	29.5	21.1	78.9	19.666	17.2	31.8	7.5	39.3	5.9
4	18.0	24.5	20.6	85.0	20.525	17.9	4.5	0.0	4.5	0.7
5	15.4	30.6	22.5	73.5	19.372	17.0	0.0	0.0	0.0	7.9
6	15.5	30.6	22.7	68.0	18.314	16.1	0.0	0.0	0.0	6.9
7	16.2	30.6	22.1	78.0	20.486	17.9	3.9	0.0	3.9	6.1
8	17.5	28.5	21.0	84.1	21.166	18.4	2.2	0.0	2.2	3.2
9	15.0	29.9	22.8	75.0	20.266	17.7	0.0	0.0	0.0	6.5
10	17.5	30.0	24.1	72.1	20.809	18.1	0.0	0.0	0.0	5.5
11	16.7	29.5	23.9	76.1	21.904	19.0	0.0	0.0	0.0	4.7
12	19.6	27.0	22.7	79.7	21.979	19.0	0.0	0.0	0.0	0.0
13	18.5	29.9	23.9	75.9	22.157	19.1	0.0	0.0	0.0	5.9
14	18.6	28.4	22.7	78.0	21.480	18.7	0.0	0.0	0.0	1.1
15	18.7	32.5	24.5	70.7	21.165	18.4	0.0	0.0	0.0	8.9
16	17.5	27.0	22.5	80.5	21.709	18.8	0.0	0.0	0.0	0.3
17	19.6	26.5	21.5	84.0	21.997	19.0	0.2	0.0	0.2	0.6
18	15.4	30.6	23.6	74.0	20.664	18.0	0.0	0.0	0.0	6.9
19	17.9	29.1	23.6	74.8	21.623	18.7	0.0	0.0	0.0	1.6
20	17.8	31.0	24.0	74.2	22.009	19.0	0.0	0.0	0.0	5.8
21	18.8	26.6	21.2	82.4	21.144	18.4	2.8	0.0	2.8	0.0
22	15.5	29.5	22.9	72.4	19.351	17.0	0.0	0.4	0.4	0.0
23	17.6	22.4	18.9	93.9	20.456	17.9	9.1	0.2	9.3	0.0
24	17.5	27.1	21.4	78.4	19.750	17.3	0.0	22.7	22.7	0.0
25	16.5	30.8	23.9	74.4	21.117	18.3	0.0	24.8	24.8	0.0
26	17.6	28.1	22.3	76.7	20.173	17.6	0.6	32.5	33.1	0.0
27	16.8	26.8	21.1	80.4	19.725	17.2	0.0	22.0	22.0	0.0
28	16.5	27.3	20.6	81.7	19.864	17.4	0.6	0.0	0.6	0.0
29	16.5	26.6	20.5	81.6	19.560	17.1	1.8	10.1	11.9	0.0
30	16.5	28.7	20.9	82.6	20.451	17.9	21.9	9.3	31.2	2.9
PROM.	17.3	28.6	22.2	78.0	20.618	18.0	79.7	147.5	227.2	91.5

ESTACION: PARAGUAYCITO MUNICIPIO: BUENAVISTA AÑO: 1.977

ALTITUD: 1.250 LATITUD: 4-24 N. LONGITUD: 75-43 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	29.3	22.5	77.0	20.345	17.8	0.0	0.7	0.7	8.8
2	18.3	30.6	23.3	72.4	19.848	17.3	0.0	0.0	0.0	6.0
3	19.0	31.4	22.2	78.7	21.198	18.4	4.6	23.1	27.7	6.7
4	16.8	27.3	20.5	80.1	18.963	16.6	0.6	43.5	44.1	1.8
5	17.6	24.0	19.7	84.6	19.319	17.0	7.6	0.0	7.6	0.1
6	16.3	27.9	21.6	78.3	19.947	17.5	0.0	0.0	0.0	3.7
7	17.6	28.0	21.9	80.6	21.154	18.4	0.0	0.6	0.6	2.9
8	19.0	27.1	22.0	79.6	21.154	18.4	0.0	0.0	0.0	3.1
9	17.6	27.9	22.3	76.9	20.428	17.8	0.0	0.0	0.0	2.5
10	19.6	27.8	22.5	79.2	21.746	18.8	0.0	0.0	0.0	1.8
11	19.4	28.3	22.2	78.3	21.225	18.4	0.0	0.8	0.8	3.4
12	18.8	30.6	23.2	77.5	21.456	18.6	0.0	0.0	0.0	6.4
13	18.0	30.6	22.2	79.9	21.615	18.7	0.0	0.0	0.0	2.1
14	18.0	25.5	20.0	85.4	20.462	17.9	14.3	0.5	14.8	0.2
15	16.5	26.5	20.6	82.3	20.272	17.7	13.3	2.6	15.9	1.0
16	17.0	28.0	22.0	81.3	21.483	18.6	0.0	0.0	0.0	4.2
17	17.5	30.0	22.5	78.9	21.602	18.7	1.8	3.9	5.7	5.4
18	17.5	29.9	24.1	72.8	21.553	18.7	0.0	0.0	0.0	8.9
19	18.0	31.4	23.4	73.9	21.058	18.3	0.0	14.6	14.6	8.2
20	18.6	26.6	22.0	85.1	22.435	19.3	0.0	0.0	0.0	1.1
21	18.8	26.4	22.0	79.3	20.877	18.1	0.0	0.0	0.0	0.6
22	18.0	26.5	21.4	83.6	21.602	18.7	3.4	0.6	4.0	0.9
23	18.5	25.3	20.8	87.7	22.062	19.0	2.8	1.7	4.5	0.9
24	18.6	26.6	21.4	79.2	19.999	17.5	0.0	0.0	0.0	1.5
25	17.6	27.1	21.8	81.0	21.143	18.4	11.1	0.0	11.1	0.9
26	17.5	28.0	22.0	81.2	21.092	18.3	0.0	0.0	0.0	3.6
27	18.4	26.4	21.0	86.3	22.034	19.0	1.6	7.8	9.4	1.4
28	18.5	26.3	21.5	81.6	21.058	18.3	0.8	0.3	1.1	0.9
29	17.5	24.5	20.2	83.1	20.037	17.5	0.0	0.0	0.0	0.0
30	16.6	27.8	21.9	77.7	19.946	17.4	0.0	0.0	0.0	3.1
31	17.5	26.4	21.0	83.3	21.010	18.3	0.5	0.0	0.5	1.1
PROM.	17.9	27.7	21.8	80.2	20.907	18.2	62.4	100.7	163.1	93.2

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	28.0	21.0	81.0	20.131	17.6	4.2	5.7	9.9	3.5
2	17.5	26.0	20.7	81.1	19.949	17.5	0.6	0.0	0.6	2.0
3	16.5	28.5	22.4	76.6	20.413	17.8	0.0	0.0	0.0	4.5
4	17.5	27.5	21.8	79.3	20.524	17.9	0.3	0.0	0.3	2.7
5	17.2	29.0	20.6	81.7	20.312	17.7	33.6	0.0	33.6	7.0
6	16.4	27.5	22.0	79.4	20.581	18.0	0.0	3.8	3.8	4.2
7	17.5	25.3	21.0	86.2	21.299	18.5	2.3	11.1	13.4	2.8
8	17.6	27.5	21.7	78.4	20.372	17.8	0.6	0.0	0.6	7.1
9	17.4	27.5	22.3	78.5	20.997	18.3	0.0	0.0	0.0	5.3
10	15.9	28.0	20.2	83.6	20.052	17.5	11.9	0.0	11.9	2.7
11	14.7	28.0	21.4	74.6	18.813	16.5	0.0	20.7	20.7	6.2
12	16.4	25.3	19.4	85.9	19.508	17.1	3.1	0.0	3.1	1.6
13	16.8	25.8	20.5	81.1	19.504	17.1	0.4	3.0	3.4	2.4
14	16.8	27.9	21.9	76.2	19.503	17.1	0.0	0.0	0.0	4.4
15	17.6	28.8	23.0	75.1	20.845	18.2	0.0	0.0	0.0	7.9
16	17.0	28.8	22.5	78.1	20.691	18.0	0.0	0.0	0.0	5.8
17	17.0	30.0	23.7	76.1	22.028	19.0	0.0	0.0	0.0	7.0
18	17.4	29.0	22.6	79.1	21.343	18.5	0.0	0.1	0.1	5.9
19	17.6	28.0	21.5	79.3	20.617	18.0	0.0	0.0	0.0	4.9
20	17.4	27.6	21.1	79.6	19.828	17.4	17.1	2.0	19.1	3.6
21	16.8	24.8	20.4	84.8	20.112	17.6	8.3	0.0	8.3	1.8
22	16.8	29.9	22.5	77.9	20.810	18.1	0.0	0.0	0.0	9.1
23	16.5	29.9	22.4	76.1	20.119	17.6	0.0	0.0	0.0	6.1
24	17.5	29.3	22.7	77.6	21.132	18.4	0.0	0.0	0.0	5.3
25	18.0	30.0	23.1	76.8	21.394	18.6	0.0	0.0	0.0	6.2
26	16.8	29.0	22.8	74.1	20.222	17.7	0.0	0.0	0.0	5.8
27	16.8	30.5	23.0	73.8	20.365	17.8	0.0	0.0	0.0	9.8
28	16.0	26.8	21.6	82.4	20.848	18.1	0.0	0.0	0.0	1.4
29	18.0	26.8	21.0	80.6	20.255	17.7	0.0	0.0	0.0	2.2
30	18.0	27.4	20.2	85.8	20.611	18.0	2.5	15.6	18.1	2.3
PROM.	17.0	27.9	21.7	79.4	20.439	17.8	84.9	62.0	146.9	141.5

ESTACION: PARAGUAYCITO MUNICIPIO: BUENAVISTA AÑO: ..977

ALTITUD: 1.250 LATITUD: 4-24 N. LONGITUD: 75-43 W.

M E S — JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.7	27.9	21.5	79.2	20.146	17.6	0.7	0.0	0.7	6.5
2	16.1	28.0	21.6	76.8	19.404	17.0	0.0	0.0	0.0	3.1
3	18.0	29.9	22.7	76.8	21.000	18.3	0.0	0.0	0.0	7.9
4	18.0	29.9	23.1	77.0	21.451	18.6	0.0	0.0	0.0	5.3
5	17.5	28.8	21.0	81.9	20.471	17.9	6.1	4.8	10.9	4.3
6	18.0	27.8	21.0	81.1	20.204	17.7	0.2	5.5	5.7	3.6
7	17.5	26.3	21.2	84.4	21.279	18.5	0.0	0.0	0.0	2.3
8	18.0	27.8	21.8	77.6	20.176	17.6	0.0	0.0	0.0	3.7
9	17.3	28.0	20.3	81.7	19.557	17.1	4.6	0.0	4.6	2.2
10	17.5	27.4	21.7	79.0	20.119	17.6	0.0	0.0	0.0	3.2
11	16.8	29.9	22.8	72.6	19.320	17.0	0.0	0.0	0.0	8.5
12	16.5	26.3	21.7	76.3	19.704	17.2	0.0	0.0	0.0	0.5
13	16.4	30.0	23.7	69.7	19.728	17.3	0.0	0.0	0.0	8.5
14	17.5	27.5	22.5	74.4	20.201	17.6	0.0	0.0	0.0	2.3
15	18.0	28.8	22.1	82.5	21.749	18.8	0.0	0.0	0.0	3.8
16	18.0	28.8	23.2	73.2	20.338	17.8	0.0	0.0	0.0	7.4
17	18.0	30.0	23.4	65.7	18.032	15.7	0.0	0.0	0.0	4.1
18	14.5	30.9	23.1	67.2	18.221	16.0	0.0	0.0	0.0	8.6
19	14.5	29.5	22.2	75.3	19.593	17.1	0.0	0.0	0.0	4.3
20	16.5	28.0	22.5	74.0	19.392	17.0	0.0	0.0	0.0	3.6
21	15.0	30.0	23.5	70.0	18.930	16.6	0.0	0.0	0.0	9.8
22	15.0	30.0	23.3	70.6	19.178	16.9	0.0	0.0	0.0	9.5
23	17.0	30.5	23.6	71.7	19.868	17.4	0.0	0.0	0.0	7.8
24	17.8	28.0	22.3	77.1	20.807	18.1	0.0	0.0	0.0	2.9
25	17.7	28.0	22.2	77.2	20.225	17.7	0.0	0.2	0.2	3.2
26	18.0	28.0	21.0	81.0	20.268	17.7	15.3	56.5	71.8	3.0
27	17.6	24.9	20.2	80.5	19.037	16.8	6.7	5.4	12.1	2.8
28	16.5	30.4	22.4	74.5	19.786	17.3	0.0	0.0	0.0	8.0
29	17.0	31.0	23.5	71.1	19.812	17.4	0.0	0.0	0.0	10.7
30	16.5	30.0	22.4	76.6	20.251	17.7	1.2	0.1	1.3	9.3
31	17.5	28.5	20.6	81.0	19.719	17.3	3.8	5.5	9.3	4.2
PROM.	17.0	28.7	22.2	76.1	19.934	17.4	38.6	78.0	116.6	164.9

M E S — AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	27.0	21.2	76.6	19.108	16.8	0.5	0.0	0.5	3.6
2	16.5	30.0	22.7	73.8	19.850	17.4	0.0	0.0	0.0	7.2
3	14.5	28.0	22.3	75.7	19.536	17.1	0.0	0.0	0.0	5.7
4	17.0	28.5	22.6	77.1	20.763	18.1	0.0	0.0	0.0	7.1
5	18.0	27.5	21.5	80.5	20.677	18.0	0.2	0.0	0.2	4.3
6	18.5	28.0	21.4	79.9	20.517	17.9	1.2	18.8	20.0	3.3
7	17.7	27.0	20.6	81.5	19.885	17.4	2.5	9.9	12.4	3.2
8	18.0	26.1	21.9	76.3	19.821	17.4	0.0	3.9	3.9	6.0
9	18.0	26.5	21.2	80.5	20.073	17.6	6.0	0.0	6.0	3.3
10	16.5	28.1	22.6	77.4	20.666	18.0	0.0	0.0	0.0	7.1
11	18.6	28.0	22.3	76.2	20.442	17.9	0.0	0.0	0.0	6.4
12	16.4	29.0	20.4	79.1	19.251	16.9	0.2	24.3	24.5	6.3
13	16.5	28.3	21.9	71.2	18.188	16.0	0.0	15.6	15.6	9.3
14	17.5	26.0	21.1	77.4	19.041	16.7	0.0	0.0	0.0	4.7
15	18.5	27.0	22.6	78.2	21.024	18.3	0.0	5.5	5.5	4.8
16	18.4	26.0	21.8	78.0	20.021	17.5	0.8	0.0	0.8	2.4
17	16.4	27.1	21.8	74.1	18.801	16.5	0.0	0.0	0.0	6.8
18	15.6	27.1	21.0	74.6	18.198	16.0	0.0	0.0	0.0	6.0
19	15.5	29.0	22.0	74.4	19.239	16.9	0.0	0.0	0.0	7.5
20	18.0	26.5	20.9	81.3	20.044	17.5	3.2	13.8	17.0	2.8
21	17.4	25.5	20.0	80.2	18.807	16.5	1.3	0.0	1.3	2.0
22	16.5	28.5	22.9	73.0	20.091	17.6	0.0	0.0	0.0	7.8
23	16.5	30.0	23.0	72.1	19.515	17.1	0.0	0.0	0.0	9.9
24	15.5	30.0	22.2	71.4	19.161	16.8	0.0	0.0	0.0	8.4
25	16.8	29.0	22.1	73.8	19.306	17.0	0.0	0.0	0.0	6.2
26	17.0	29.0	22.1	76.5	20.148	17.6	0.1	0.0	0.1	3.9
27	17.0	28.5	21.1	77.4	19.192	16.8	0.0	0.0	0.0	7.5
28	16.8	29.2	22.9	71.7	19.485	17.0	0.0	0.0	0.0	6.1
29	15.6	30.5	22.0	76.4	19.585	17.1	0.3	0.0	0.3	8.5
30	18.6	29.0	22.9	70.9	19.573	17.1	0.0	0.0	0.0	5.9
31	18.8	29.5	22.7	72.5	19.836	17.4	0.0	0.0	0.0	5.1
PROM.	17.1	28.0	21.9	76.1	19.672	17.2	16.3	91.8	108.1	179.1

ESTACION: PARAGUAYCITO MUNICIPIO: BUENAVISTA AÑO: 1.977

ALTITUD: 1.250 LATITUD: 4-24 N. LONGITUD: 75-43 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.3	29.0	22.6	73.5	19.541	17.2	0.0	0.0	0.0	5.7
2	16.6	32.0	23.1	65.9	17.959	15.8	0.0	0.0	0.0	7.1
3	16.6	29.5	21.3	75.7	19.194	16.9	0.4	0.3	0.7	5.5
4	16.8	31.0	21.7	74.7	19.203	16.8	0.7	0.0	0.7	7.1
5	18.4	29.0	23.4	72.9	20.719	18.1	0.1	0.0	0.1	6.4
6	16.0	33.0	24.6	57.7	16.413	14.1	0.0	0.0	0.0	9.4
7	15.0	32.0	24.8	53.6	15.400	13.3	0.0	0.0	0.0	9.9
8	18.0	27.5	23.4	70.3	20.076	17.5	0.0	0.0	0.0	0.9
9	17.9	30.0	23.9	70.5	20.229	17.7	0.0	0.0	0.0	4.6
10	18.6	27.5	23.0	73.9	20.405	17.8	0.0	0.0	0.0	1.6
11	17.0	31.0	23.7	68.1	19.455	17.1	0.0	0.0	0.0	8.7
12	16.5	27.5	20.8	77.9	19.058	16.7	8.8	0.0	8.8	1.3
13	17.8	29.0	20.6	80.0	19.458	17.1	2.4	0.2	2.6	5.1
14	17.9	22.5	19.9	83.2	19.339	17.0	0.0	0.0	0.0	0.0
15	16.4	26.5	21.6	76.4	19.046	16.7	0.0	0.0	0.0	3.5
16	16.6	28.4	22.5	73.5	19.339	17.0	0.0	0.0	0.0	6.6
17	18.5	31.0	23.3	73.7	20.727	18.1	0.0	0.0	0.0	5.6
18	16.0	30.0	21.5	76.5	19.351	17.0	0.9	46.3	47.2	6.9
19	17.7	29.3	21.6	74.8	18.929	16.6	0.0	0.0	0.0	7.2
20	16.8	27.5	21.5	79.3	20.110	17.6	0.0	2.6	2.6	3.9
21	17.7	26.5	21.7	79.0	20.527	17.9	2.1	36.9	39.0	1.5
22	16.8	27.0	21.2	76.8	19.013	16.7	0.0	0.0	0.0	4.1
23	17.9	29.5	21.9	78.0	20.385	17.8	10.5	0.0	10.5	4.4
24	17.4	29.0	21.0	75.7	18.919	16.6	8.7	3.5	12.2	5.2
25	17.9	26.0	21.2	80.4	20.192	17.6	0.3	19.2	19.5	3.1
26	17.6	24.5	20.2	80.8	18.968	16.6	0.5	8.6	9.1	0.3
27	18.0	22.0	19.2	88.0	19.746	17.3	6.9	5.3	12.2	0.0
28	17.1	24.4	18.9	88.0	19.235	16.9	0.2	0.0	0.2	1.6
29	16.5	25.0	19.3	89.7	20.243	17.7	1.5	0.0	1.5	1.2
30	18.0	28.3	20.6	84.5	20.473	17.9	0.7	13.2	13.9	3.0
PROM.	17.2	28.2	21.8	75.8	19.388	17.0	44.7	136.1	180.8	131.4

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.8	27.0	20.7	81.5	20.110	17.6	2.6	1.1	3.7	3.7
2	18.4	28.5	22.6	74.1	19.718	17.3	0.0	0.0	0.0	5.6
3	16.0	29.5	22.7	78.5	21.612	18.7	0.0	11.3	11.3	7.9
4	18.3	29.5	21.2	82.3	20.891	18.2	0.9	0.5	1.4	6.5
5	18.6	27.5	21.6	82.6	21.117	18.4	0.0	0.0	0.0	4.8
6	17.3	27.5	20.9	83.1	20.807	18.2	23.9	7.6	31.5	2.3
7	18.0	23.8	20.1	91.2	21.408	18.6	3.8	3.7	7.5	0.4
8	17.9	27.5	20.9	84.9	21.113	18.3	9.9	2.2	12.1	3.7
9	17.9	26.0	21.2	81.1	20.155	17.6	4.7	0.0	4.7	2.9
10	17.7	25.0	20.3	85.6	20.484	17.9	0.2	0.9	1.1	0.4
11	17.6	27.0	20.8	83.1	20.341	17.7	1.7	2.3	4.0	3.5
12	17.8	26.5	21.8	81.1	20.768	18.1	0.2	0.0	0.2	2.4
13	18.5	26.8	20.7	83.9	20.594	17.9	12.2	0.0	12.2	2.7
14	16.8	28.8	22.0	79.2	20.523	17.9	1.4	0.0	1.4	6.1
15	17.4	28.0	22.1	78.4	20.415	17.8	0.0	0.0	0.0	5.3
16	18.3	28.0	21.9	79.2	20.721	18.0	0.0	0.0	0.0	4.1
17	17.5	28.5	21.2	80.2	20.377	17.8	40.3	2.9	43.2	4.1
18	16.8	28.0	21.3	83.6	20.878	18.2	0.0	0.0	0.0	5.2
19	17.6	30.0	21.9	80.4	21.221	18.4	5.5	1.3	6.8	7.9
20	19.0	29.0	22.6	79.6	21.644	18.8	0.0	0.0	0.0	6.1
21	18.8	30.0	23.4	76.6	21.778	18.9	0.0	0.0	0.0	7.8
22	19.4	27.6	22.3	80.1	21.781	18.9	12.8	0.0	12.8	2.2
23	18.3	28.5	22.5	77.1	20.893	18.2	0.0	0.7	0.7	5.6
24	17.5	26.4	20.9	85.3	21.016	18.3	0.2	5.5	5.7	1.2
25	17.0	29.0	23.0	81.3	22.658	19.5	0.0	0.0	0.0	7.8
26	18.0	23.4	19.7	91.0	21.201	18.4	22.2	0.0	22.2	0.2
27	17.8	25.5	19.8	86.0	19.895	17.4	0.0	0.0	0.0	2.6
28	15.5	27.0	19.8	80.3	18.751	16.5	5.5	2.2	7.7	4.5
29	16.1	25.1	20.5	80.2	19.149	16.8	0.0	0.0	0.0	4.3
30	16.6	23.3	19.2	91.2	20.392	17.8	1.6	0.0	1.6	1.8
31	15.8	28.0	21.0	77.9	19.235	16.9	0.0	0.0	0.0	5.9
PROM.	17.6	27.3	21.3	82.0	20.658	18.0	149.6	42.2	191.8	129.9

ESTACION: PARAGUAYCITO MUNICIPIO: BUENAVISTA AÑO: 1.977

ALTITUD: 1.250 LATITUD: 4-24 N. LONGITUD: 75-43 W.

M E S -- NOVIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	28.5	21.3	78.8	19.896	17.4	0.0	0.0	0.0	5.2
2	16.4	27.0	20.9	82.3	20.170	17.6	0.0	0.9	0.9	6.0
3	17.5	27.0	21.2	83.5	21.062	18.3	0.2	0.4	0.6	3.3
4	17.8	24.0	19.3	90.0	20.580	17.9	9.8	3.3	13.1	0.4
5	15.3	25.0	20.4	83.1	19.550	17.1	0.0	2.8	2.8	5.3
6	17.0	23.6	19.5	84.6	19.330	17.0	0.7	11.5	12.2	2.2
7	16.0	25.0	19.2	85.0	19.037	16.7	32.4	2.0	34.4	1.3
8	16.5	27.0	21.1	80.0	19.445	17.0	0.0	0.0	0.0	5.7
9	18.3	28.1	21.4	80.8	20.810	18.1	2.1	10.4	12.5	5.6
10	18.0	23.0	19.9	84.8	19.588	17.1	11.2	0.0	11.2	0.6
11	17.4	25.0	19.5	85.0	19.606	17.2	13.9	0.0	13.9	3.4
12	16.5	25.4	19.4	85.3	19.499	17.1	13.3	0.0	13.3	5.0
13	16.0	24.0	19.3	86.8	19.655	17.2	0.6	0.6	1.2	5.1
14	15.8	26.4	19.9	79.4	18.351	16.2	0.0	0.0	0.0	5.0
15	14.5	26.4	20.5	78.2	18.452	16.2	0.0	0.0	0.0	7.7
16	13.5	27.0	20.7	76.2	17.970	15.8	0.0	0.0	0.0	7.3
17	17.2	27.2	20.1	82.1	19.419	17.0	0.0	19.7	19.7	4.1
18	17.3	23.2	18.8	87.3	19.094	16.8	6.6	0.0	6.6	1.8
19	15.8	27.0	21.0	78.4	19.204	16.8	0.0	3.7	3.7	7.1
20	17.0	28.5	21.7	77.2	19.862	17.4	0.0	0.0	0.0	8.2
21	17.0	29.0	22.1	74.6	19.643	17.2	0.1	0.0	0.1	8.6
22	16.3	28.0	20.7	80.8	19.626	17.2	2.2	0.0	2.2	6.3
23	16.1	27.0	21.4	80.9	20.239	17.7	0.0	0.0	0.0	3.8
24	16.8	27.3	21.1	77.6	19.295	16.9	0.0	0.0	0.0	5.7
25	15.5	25.5	20.7	78.9	18.674	16.4	0.0	0.1	0.1	1.3
26	18.0	24.6	20.4	86.5	21.184	18.4	1.0	0.0	1.0	1.6
27	15.6	27.3	21.3	75.7	18.819	16.5	0.0	0.0	0.0	7.5
28	17.1	28.0	22.3	74.3	19.585	17.2	0.0	0.0	0.0	5.5
29	16.5	29.0	22.9	75.0	20.158	17.6	0.0	0.0	0.0	9.5
30	15.0	27.9	21.1	77.9	19.094	16.8	5.4	0.7	6.1	7.8
PROM.	16.5	26.4	20.6	81.0	19.563	17.1	99.5	56.1	155.6	147.9

M E S - DICIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	27.0	21.0	80.8	19.826	17.3	10.3	0.0	10.3	8.7
2	15.5	25.0	20.0	81.9	19.066	16.8	0.3	16.6	16.9	4.1
3	17.0	26.1	20.5	79.5	19.084	16.7	0.0	0.0	0.0	5.8
4	15.6	28.0	21.0	74.7	17.948	15.8	0.0	0.0	0.0	7.6
5	16.0	29.0	23.0	73.8	20.121	17.6	0.0	0.0	0.0	6.4
6	17.7	28.0	21.2	81.6	20.513	17.9	1.4	0.0	1.4	5.8
7	17.0	26.5	21.9	81.6	21.066	18.3	0.6	0.0	0.6	2.4
8	17.8	28.0	22.5	78.8	21.254	18.5	0.0	0.0	0.0	7.6
9	17.0	28.5	21.5	81.1	20.647	18.2	0.0	0.0	0.0	5.9
10	16.6	28.5	21.7	78.5	20.399	17.8	2.6	0.0	2.6	5.9
11	15.5	28.0	21.8	78.6	19.887	17.4	0.0	0.0	0.0	6.4
12	16.7	27.0	20.9	78.4	19.203	16.9	0.1	2.4	2.5	4.3
13	17.6	25.5	19.7	80.5	18.557	16.3	1.0	0.0	1.0	0.8
14	14.6	28.1	21.9	75.5	19.104	16.7	0.0	0.0	0.0	9.7
15	16.4	27.3	21.7	78.8	19.955	17.5	0.0	0.0	0.0	3.5
16	16.8	25.3	21.8	78.0	20.559	18.0	0.0	0.0	0.0	1.1
17	17.0	27.8	22.1	71.6	18.717	16.4	0.0	0.0	0.0	6.7
18	15.5	27.7	21.3	76.0	18.771	16.5	0.0	0.0	0.0	5.8
19	17.7	25.5	20.4	83.3	20.189	17.7	0.6	0.0	0.6	1.0
20	15.0	29.5	21.6	74.6	18.506	16.3	0.0	0.0	0.0	7.6
21	15.5	30.0	22.5	74.5	19.398	17.0	0.0	0.0	0.0	8.3
22	16.0	30.5	23.5	72.1	19.689	17.4	0.0	0.0	0.0	8.6
23	18.0	30.5	23.3	75.6	20.857	18.1	0.0	0.0	0.0	8.2
24	17.7	30.5	22.0	79.8	20.704	18.0	2.5	0.0	2.5	6.8
25	17.5	26.0	22.0	82.0	21.335	18.5	0.0	0.0	0.0	2.4
26	17.5	26.0	22.2	78.8	20.704	18.0	0.0	0.0	0.0	4.0
27	18.0	26.0	21.0	83.7	20.841	18.2	0.0	23.7	23.7	0.0
28	17.0	26.3	21.1	80.1	19.606	17.2	0.0	45.0	45.0	3.8
29	17.4	22.0	19.8	89.2	20.406	17.8	12.1	0.0	12.1	0.0
30	17.4	26.4	21.3	76.6	19.093	16.8	0.0	0.0	0.0	6.4
31	16.2	28.0	21.8	77.4	19.602	17.2	0.0	6.4	6.4	7.1
PROM.	16.7	27.4	21.5	78.6	19.871	17.4	31.5	94.1	125.6	162.7

ESTACION: PARAGUAYCITO MUNICIPIO BUENAVISTA AÑO: 1.977

ALTITUD: 1.250 LATITUD: 4-24 N. LONGITUD: 75-43 W.

MESES	TEMPERATURA oC					Humedad relativa o/o	Tensiòn vapor mb.	Punto rocío oC	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.1	30.0	22.7	13.5	31.5	70.2	18.573	16.3	8.6	4	243.2
FEBRERO	16.7	30.0	22.5	14.4	32.8	73.4	19.370	17.0	92.1	11	166.2
MARZO	17.2	30.7	23.1	14.8	35.1	73.2	20.107	17.5	161.4	12	152.7
ABRIL	17.3	28.6	22.2	15.0	32.5	78.0	20.618	18.0	227.2	17	91.5
MAYO	17.9	27.7	21.8	16.3	31.4	80.2	20.907	18.2	163.1	16	93.2
JUNIO	17.0	27.9	21.7	14.7	30.5	79.4	20.439	17.8	146.9	15	141.5
JULIO	17.0	28.7	22.2	14.5	31.0	76.1	19.934	17.4	116.6	9	164.9
AGOSTO	17.1	28.0	21.9	14.5	30.5	76.1	19.672	17.2	108.1	14	179.1
SEPTIEMBRE	17.2	28.2	21.8	15.0	33.0	75.8	19.388	17.0	180.8	16	131.4
OCTUBRE	17.6	27.3	21.3	15.5	30.0	82.0	20.698	18.0	191.8	20	129.9
NOVIEMBRE	16.5	26.4	20.6	13.5	29.0	81.0	19.563	17.1	155.6	19	147.9
DICIEMBRE	16.7	27.4	21.5	14.6	30.5	78.6	19.871	17.4	125.6	13	162.7
PROMEDIO	17.0	28.4	21.9	14.7	31.5	77.0	19.928	17.4			
TOTAL									1677.8	166	1804.2

ESTACION: INGENIO SAN FRANCISCO MUNICIPIO: LA VIRGINIA AÑO: 1.977

ALTITUD: 1.000 LATITUD: 4-54 N LONGITUD: 75-54 W

M E S – ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.2	31.8	24.5	67.9	20.109	17.6	0.0	0.0	0.0	8.9
2	18.0	30.6	24.1	69.6	20.167	17.6	0.0	0.2	0.2	6.9
3	17.3	32.1	23.5	69.5	19.354	17.0	0.0	0.0	0.0	9.2
4	15.8	32.4	24.1	68.0	19.424	17.0	0.0	0.0	0.0	10.2
5	15.0	33.0	24.0	64.7	17.812	15.6	0.0	0.0	0.0	10.4
6	12.8	32.1	24.5	66.1	18.493	16.1	1.3	0.0	1.3	10.0
7	15.3	31.0	24.3	64.6	18.613	16.3	0.0	0.0	0.0	9.3
8	16.0	33.0	24.4	65.0	18.496	16.2	0.0	0.0	0.0	10.1
9	13.0	32.0	22.3	71.0	18.383	16.1	0.0	0.0	0.0	9.9
10	15.0	32.1	22.8	70.0	18.814	16.5	0.0	0.0	0.0	8.8
11	14.8	32.3	22.4	74.3	19.612	17.2	0.0	0.0	0.0	8.6
12	15.1	33.0	24.0	66.9	18.538	16.3	0.0	0.0	0.0	9.3
13	14.7	33.1	23.0	72.0	19.123	16.8	0.0	0.0	0.0	8.5
14	15.6	34.0	24.5	67.2	19.754	17.3	0.0	0.0	0.0	7.6
15	17.3	34.0	25.5	66.0	20.991	18.3	0.0	0.0	0.0	9.7
16	19.4	34.0	25.2	71.5	21.942	19.0	0.0	0.0	0.0	6.6
17							0.0	0.0	0.0	6.7
18							0.0	0.0	0.0	4.9
19							0.0	0.0	0.0	5.5
20							0.0	0.0	0.0	8.8
21							0.0	0.1	0.1	10.3
22							0.0	3.7	3.7	10.4
23							11.6	0.5	12.1	9.0
24							0.0	0.0	0.0	5.6
25							0.0	1.4	1.4	9.1
26							0.0	0.0	0.0	
27							0.0	23.5	23.5	
28							0.0	0.7	0.7	
29							0.0	0.0	0.0	
30							0.0	0.0	0.0	
31							0.0	0.0	0.0	
PROM.							12.9	30.1	43.0	

M E S – FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1							0.0	0.0	0.0	5.8
2							0.0	0.0	0.0	7.3
3							0.0	0.0	0.0	7.8
4							0.0	0.0	0.0	9.5
5							0.0	0.0	0.0	8.7
6							0.0	0.0	0.0	6.0
7							0.0	2.4	2.4	2.0
8							0.0	0.0	0.0	9.1
9							0.0	0.0	0.0	1.7
10							0.0	0.0	0.0	6.3
11							0.0	0.0	0.0	5.9
12							0.0	26.1	26.1	8.1
13							0.0	0.0	0.0	5.4
14	18.0	32.0	23.0	74.5	20.984	18.3	0.0	0.0	0.0	7.7
15	18.0	32.0	23.2	71.4	20.066	17.5	0.0	3.2	3.2	6.5
16	18.0	30.5	23.0	76.5	21.096	18.4	0.0	2.1	2.1	5.2
17	19.0	31.3	23.5	74.7	21.285	18.5	0.0	3.0	3.0	6.2
18	17.6	32.5	24.4	73.0	21.479	18.6	6.2	0.0	6.2	8.8
19	18.0	31.0	19.1	94.1	20.624	18.0	2.9	0.3	3.2	7.4
20	16.5	30.0	22.8	71.2	19.009	16.7	0.0	0.0	0.0	7.8
21	17.6	31.0	23.3	72.9	20.539	17.9	0.0	0.0	0.0	5.8
22	17.6	31.0	24.0	73.5	21.420	18.6	0.0	0.0	0.0	5.8
23	15.6	34.3	24.8	68.1	19.661	17.2	0.0	4.9	4.9	10.3
24	17.6	32.2	24.2	74.6	21.906	18.9	0.0	2.2	2.2	5.7
25	19.0	32.5	23.7	72.0	20.671	18.0	0.0	0.4	0.4	7.0
26	19.0	32.1	23.4	73.8	21.409	18.6	0.0	0.0	0.0	7.4
27	18.3	31.5	21.8	80.4	20.984	18.3	0.0	0.0	0.0	5.8
28	17.5	34.0	25.2	66.3	20.099	17.6	0.0	0.0	0.0	7.3
PROM.							9.1	44.6	53.7	188.3

ESTACION: INGENIO SAN FRANCISCO MUNICIPIO: LA VIRGINIA AÑO: 1.977

ALTITUD: 1.000 LATITUD: 4-54 N LONGITUD: 75-54 W

M E S – MARZO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	33.0	24.5	67.2	19.893	17.4	0.0	0.0	0.0	5.1
2	18.5	35.0	25.3	69.4	21.095	18.3	0.0	0.0	0.0	9.4
3	17.5	34.0	25.0	67.2	19.729	17.3	0.0	0.0	0.0	5.8
4	17.0	34.0	24.1	71.1	19.987	17.4	0.0	0.0	0.0	7.7
5	16.6	35.1	24.7	72.3	21.561	18.7	0.0	0.0	0.0	8.6
6	19.5	33.5	23.7	76.7	22.719	19.5	0.0	0.0	0.0	6.1
7	17.6	35.0	25.7	68.4	21.027	18.3	0.0	0.0	0.0	6.8
8	15.0	36.0	24.9	61.4	17.511	15.4	0.0	0.0	0.0	5.9
9	15.0	36.5	25.8	63.6	18.987	16.6	0.0	0.0	0.0	9.1
10	16.5	37.0	26.5	63.7	20.049	17.5	0.0	0.0	0.0	8.2
11	18.0	33.6	25.7	63.4	19.837	17.3	0.0	7.6	7.6	4.6
12	18.5	34.6	24.6	72.4	21.783	18.9	0.0	0.0	0.0	4.9
13	18.0	32.1	22.9	75.2	20.352	17.8	0.0	0.0	0.0	5.5
14	16.5	33.5	23.9	73.5	20.987	18.2	0.0	0.0	0.0	7.5
15	18.8	34.0	26.1	66.9	21.722	18.8	0.0	0.0	0.0	5.9
16	18.5	31.1	23.7	76.2	22.051	19.0	8.5	0.0	8.5	2.4
17	19.5	34.5	23.4	73.1	20.969	18.2	0.0	0.0	0.0	5.4
18	17.0	33.0	24.1	73.6	21.534	18.6	0.0	0.0	0.0	7.7
19	17.2	31.5	24.6	77.5	23.759	20.2	0.0	0.0	0.0	3.5
20	16.5	34.0	27.2	60.5	21.255	18.5	0.0	0.0	0.0	7.2
21	17.6	34.6	24.1	75.2	21.470	18.5	0.0	0.0	0.0	7.3
22	20.0	31.0	23.7	72.9	21.202	18.4	0.0	1.2	1.2	2.4
23	19.1	30.5	23.5	81.8	23.456	20.0	4.4	9.5	13.9	4.5
24	18.5	30.5	23.2	73.4	20.546	17.9	0.2	0.0	0.2	5.6
25	17.6	30.0	23.0	77.8	21.893	18.9	0.0	0.0	0.0	3.7
26	18.0	34.0	25.2	73.2	22.459	19.3	0.0	13.1	13.1	7.6
27	18.0	32.6	24.1	76.7	22.313	19.2	0.6	3.5	4.1	5.1
28	18.0	28.0	20.7	84.6	21.341	18.5	10.1	0.6	10.7	0.5
29	18.0	30.0	23.6	73.8	20.770	18.1	0.0	22.1	22.1	8.2
30	17.5	27.0	22.1	83.5	22.391	19.3	0.1	0.0	0.1	2.2
31	18.5	27.4	21.5	84.0	21.659	18.8	39.2	6.8	46.0	1.4
PROM.	17.8	32.8	24.2	72.6	21.171	18.3	63.1	64.4	127.5	175.8

M E S – ABRIL

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	29.0	22.8	78.0	21.231	18.4	0.0	0.0	0.0	7.3
2	18.8	31.0	23.1	72.6	20.141	17.6	0.0	2.0	2.0	4.7
3	17.4	31.0	21.1	79.8	20.136	17.6	17.8	22.2	40.0	7.3
4	17.0	25.0	20.4	84.8	20.228	17.7	0.2	0.0	0.2	2.7
5	14.2	32.4	25.3	72.8	22.273	19.1	0.0	0.0	0.0	8.8
6	15.0	33.0	23.3	70.1	18.664	16.4	0.0	0.7	0.7	8.8
7	17.0	32.0	23.5	69.3	18.994	16.6	0.0	7.6	7.6	7.0
8	18.0	30.0	21.3	80.8	20.866	18.2	0.3	0.0	0.3	3.5
9	15.6	33.0	24.5	70.2	19.856	17.4	0.0	0.0	0.0	10.1
10	17.2	32.2	24.2	75.2	21.939	19.0	0.0	0.0	0.0	10.5
11	18.5	32.5	25.0	76.9	23.418	19.9	0.0	0.0	0.0	7.4
12	19.0	30.2	24.2	79.9	24.022	20.4	0.0	0.0	0.0	1.9
13	18.6	32.0	24.8	76.8	23.443	20.0	0.0	0.0	0.0	1.7
14	17.4	30.0	24.6	71.0	20.678	18.0	0.0	0.0	0.0	0.7
15	20.0	33.1	26.0	75.6	24.441	20.6	0.0	0.0	0.0	7.4
16	17.5	30.5	24.0	79.5	23.672	20.2	0.2	0.8	1.0	7.4
17	18.6	30.0	23.0	75.6	20.959	18.2	0.0	0.0	0.0	2.4
18	18.5	32.2	25.0	66.7	20.530	17.9	0.0	0.0	0.0	7.0
19	18.5	30.5	24.5	74.7	22.275	19.2	0.0	0.0	0.0	
20	17.6	32.5	21.8	69.6	18.441	16.0	0.0	0.2	0.2	7.7
21	19.5	26.3	23.0	85.3	23.826	20.3	0.0	0.0	0.0	0.0
22	17.5	31.0	24.2	69.8	20.154	17.6	0.0	2.4	2.4	8.0
23	18.0	25.5	21.4	78.6	19.752	17.2	3.9	0.0	3.9	0.0
24	17.5	28.0	22.2	78.7	20.656	18.0	0.0	0.0	0.0	2.7
25	18.0	32.5	23.7	72.5	20.829	18.1	0.0	6.7	6.7	
26	18.5	30.0	23.0	77.6	21.658	18.8	0.2	7.4	7.6	
27	18.5	30.1	23.1	76.2	21.413	18.6	0.6	4.2	4.8	5.7
28	19.0	30.0	22.3	78.9	21.252	18.4	14.9	2.1	17.0	4.2
29	19.0	28.0	22.0	81.9	21.626	18.7	0.0	4.7	4.7	8.1
30	19.0	29.9	23.3	76.7	21.906	19.0	0.1	0.0	0.1	5.5
PROM.	17.9	30.4	23.4	75.9	21.309	18.4	38.2	61.0	99.2	

ESTACION: INGENIO SAN FRANCISCO MUNICIPIO: LA VIRGINIA AÑO: 1.977

ALTITUD: 1.000 LATITUD: 4-54 N LONGITUD: 75-54 W

M E S – MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	30.6	23.5	74.1	21.036	18.3	0.0	0.0	0.0	8.4
2	19.0	30.5	23.6	77.0	22.392	19.3	0.0	0.0	0.0	8.7
3	19.0	31.0	25.0	71.9	22.390	19.3	0.0	27.4	27.4	2.5
4	16.5	30.0	21.5	79.7	20.380	17.7	4.2	0.8	5.0	5.5
5	16.8	27.0	20.8	85.2	20.918	18.2	0.0	0.0	0.0	5.6
6	16.5	30.0	21.8	80.9	20.742	18.0	0.0	0.0	0.0	8.0
7	16.0	28.4	22.5	79.5	21.828	18.9	0.0	4.9	4.9	7.5
8	16.0	30.6	22.8	77.8	21.285	18.4	0.5	3.0	3.5	4.8
9	19.5	30.0	22.4	82.2	22.353	19.3	0.0	0.0	0.0	2.8
10	18.5	29.3	22.5	77.9	21.256	18.5	0.0	6.1	6.1	4.2
11	18.3	29.3	23.4	74.1	20.936	18.2	0.0	15.2	15.2	4.5
12	18.0	30.2	21.7	76.6	20.665	18.0	0.0	0.0	0.0	7.8
13	19.0	30.5	22.6	78.1	21.766	18.8	0.0	0.0	0.0	5.3
14	19.0	25.6	20.1	95.2	22.484	19.4	5.0	0.0	5.0	0.6
15	19.0	27.0	21.3	88.4	22.657	19.5	6.1	0.0	6.1	2.8
16	18.0	31.0	22.3	80.3	21.355	18.5	0.0	0.0	0.0	9.0
17	19.0	31.5	23.5	76.5	21.910	18.9	0.0	0.9	0.9	8.8
18	19.0	30.5	23.1	75.0	20.988	18.2	0.0	0.9	0.9	4.3
19	19.0	32.0	24.3	70.2	20.583	17.9	0.0	1.3	1.3	4.8
20	18.5	27.5	21.5	79.4	20.414	17.8	0.7	0.0	0.7	0.6
21	18.8	29.0	21.8	80.7	21.045	18.3	0.0	0.5	0.5	2.8
22	18.0	28.0	22.1	84.2	22.488	19.3	10.2	0.0	10.2	1.7
23	18.4	29.6	21.7	79.4	20.409	17.8	0.0	0.0	0.0	7.8
24	18.8	29.1	22.3	77.8	20.850	18.1	0.0	0.0	0.0	6.0
25	19.0	27.1	21.5	84.2	21.648	18.8	0.0	0.7	0.7	9.0
26	18.0	29.0	22.0	79.0	20.656	18.0	0.3	1.1	1.4	2.8
27	18.8	29.3	22.3	79.2	21.088	18.3	0.0	0.0	0.0	5.8
28	18.0	28.8	22.1	81.6	21.776	18.8	0.0	0.0	0.0	1.2
29	18.8	28.1	22.0	79.2	20.904	18.2	0.0	0.0	0.0	4.7
30	19.0	31.5	23.1	77.1	21.830	18.9	0.2	0.0	0.2	8.2
31	18.3	27.1	20.8	79.7	19.992	17.5	1.2	5.6	6.8	1.1
PROM.	18.2	29.3	22.3	79.4	21.323	18.5	26.4	68.4	96.8	157.6

M E S – JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	30.0	21.3	77.8	19.989	17.5	0.0	0.0	0.0	4.1
2	17.5	29.0	19.8	77.3	18.067	15.8	0.0	0.0	0.0	5.2
3	17.0	30.0	23.5	71.7	20.740	18.1	0.1	0.0	0.1	8.3
4	17.0	30.0	20.9	84.5	21.773	18.6	0.0	59.7	59.7	5.5
5	17.5	30.0	22.3	80.0	21.570	18.7	4.9	6.6	11.5	0.2
6	17.0	30.0	23.0	72.8	20.520	17.9	0.0	0.0	0.0	4.8
7	17.5	27.0	21.3	80.8	20.291	17.7	0.0	7.2	7.2	3.2
8	17.0	30.0	22.2	74.7	19.859	17.3	0.0	3.6	3.6	7.8
9	17.1	29.0	22.8	79.1	21.769	18.8	0.0	0.6	0.6	3.9
10	17.1	30.0	21.5	79.6	20.447	17.8	0.0	0.0	0.0	3.8
11	15.0	30.0	23.1	70.1	20.016	17.5	0.0	0.0	0.0	9.0
12	18.0	27.0	19.6	82.9	18.929	16.5	0.1	0.0	0.1	2.9
13	17.5	29.0	21.0	81.0	20.026	17.5	0.0	0.0	0.0	3.5
14	17.6	29.8	23.1	77.9	21.674	18.8	0.0	0.0	0.0	6.3
15	17.0	30.8	23.6	72.9	21.269	18.5	0.0	0.0	0.0	9.6
16	17.5	29.0	22.6	74.0	20.526	17.9	0.6	0.0	0.6	
17	16.0	29.8	23.3	65.7	19.180	16.8	0.0	1.1	1.1	
18	16.5	30.5	22.8	75.3	20.727	18.0	0.0	0.0	0.0	8.8
19	17.0	29.0	22.5	79.8	21.706	18.8	1.5	0.3	1.8	
20	18.0	28.0	21.0	81.9	20.911	18.2	0.4	0.0	0.4	6.4
21	17.8	27.0	21.3	82.3	21.158	18.4	0.0	0.0	0.0	2.5
22	17.0	30.0	23.0	68.3	19.486	17.0	0.0	0.2	0.2	
23	17.0	31.5	23.3	76.2	21.416	18.5	0.0	1.0	1.0	5.6
24	18.5	30.0	23.0	73.9	20.428	17.8	0.0	0.0	0.0	5.1
25	18.5	31.6	23.3	71.4	20.286	17.6	0.0	0.0	0.0	9.9
26	17.5	30.0	23.4	76.2	21.654	18.8	0.0	0.0	0.0	
27	18.0	34.0	24.0	76.1	22.337	19.3	0.0	0.0	0.0	8.8
28	17.5	31.9	25.0	72.9	23.051	19.7	0.0	0.0	0.0	4.0
29	17.8	30.5	23.2	77.2	22.225	19.2	0.0	1.1	1.1	4.1
30	18.6	29.0	21.9	85.3	22.480	19.4	0.0	9.8	9.8	4.0
PROM.	17.3	29.8	22.4	76.7	20.817	18.1	7.6	91.2	98.8	

ESTACION: INGENIO SAN FRANCISCO MUNICIPIO: LA VIRGINIA AÑO: 1.977

ALTITUD: 1.000 LATITUD: 4-54 N LONGITUD: 75-54 W

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	32.8	23.5	76.2	21.499	18.6	0.0	0.0	0.0	5.2
2	16.5	31.8	23.8	73.2	21.629	18.7	0.0	12.1	12.1	7.1
3	18.0	33.0	24.5	75.1	22.477	19.3	0.0	0.0	0.0	7.9
4	19.0	33.6	25.3	68.1	22.228	19.2	4.6	1.9	6.5	8.1
5	19.0	33.0	23.8	80.3	24.356	20.6	0.0	1.6	1.6	6.2
6	19.6	30.5	23.9	76.2	22.590	19.4	1.0	0.0	1.0	5.6
7	19.0	28.5	22.1	81.2	21.441	18.6	0.0	5.2	5.2	2.9
8	19.0	31.0	23.4	75.4	21.544	18.7	0.5	0.0	0.5	7.2
9	19.0	31.6	23.3	78.1	22.360	19.3	0.0	0.0	0.0	5.8
10	19.5	31.8	24.5	72.4	22.416	19.3	0.0	0.0	0.0	8.0
11	17.0	32.6	24.5	64.5	19.973	17.5	0.0	0.0	0.0	7.9
12	18.3	31.6	23.0	78.1	21.554	18.7	0.0	0.0	0.0	1.7
13	16.5	33.8	24.7	69.2	20.998	18.3	0.0	1.8	1.8	9.1
14	19.5	32.9	24.9	66.7	20.749	18.1	42.9	4.1	47.0	5.1
15	18.5	31.0	23.3	80.9	23.053	19.8	0.0	0.0	0.0	2.8
16	16.8	32.5	23.5	72.4	20.769	18.1	0.0	0.0	0.0	8.3
17	19.0	33.6	24.8	67.9	21.007	18.2	0.0	0.0	0.0	6.8
18	17.5	33.0	25.0	68.8	21.345	18.5	0.0	0.0	0.0	7.0
19	16.5	33.8	23.3	75.0	21.318	18.5	0.0	0.0	0.0	7.3
20	17.6	32.9	23.4	74.5	20.640	17.9	0.0	0.0	0.0	7.9
21	16.5	34.0	25.5	62.3	20.087	17.5	0.0	0.0	0.0	8.9
22	16.5	33.0	23.7	66.8	19.180	16.7	0.0	19.5	19.5	8.1
23	18.5	33.6	25.0	62.6	19.833	17.3	0.0	0.0	0.0	9.1
24	16.5	30.9	22.5	77.8	20.747	18.1	0.0	0.0	0.0	1.2
25	18.0	30.0	23.6	75.6	21.977	19.0	0.0	0.0	0.0	3.6
26	18.0	31.2	23.5	80.0	22.940	19.7	0.2	0.0	0.2	4.3
27	18.0	27.6	21.0	86.5	21.365	18.5	0.0	0.0	0.0	2.8
28	17.5	33.2	24.3	71.4	20.995	18.2	0.0	0.0	0.0	9.7
29	15.0	33.8	25.3	67.5	20.743	18.1	2.1	0.0	2.1	10.6
30	18.0	33.8	25.0	69.9	21.488	18.5	0.0	3.8	3.8	8.8
31	18.6	29.0	22.7	80.6	22.388	19.3	0.0	0.0	0.0	3.2
PROM.	17.9	32.1	23.9	73.4	21.474	18.6	51.3	50.0	101.3	198.2

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.0	30.0	22.5	79.6	21.494	18.6	0.0	0.0	0.0	8.9
2	17.0	33.8	23.5	78.8	22.313	19.2	0.0	0.0	0.0	9.0
3	15.5	31.8	24.7	75.2	22.670	19.4	0.0	0.0	0.0	6.4
4	18.5	31.5	24.4	75.1	22.622	19.4	0.0	0.0	0.0	5.4
5	19.5	30.0	22.9	83.1	23.135	19.8	0.0	6.9	6.9	4.3
6	19.0	30.0	22.3	82.6	22.016	19.0	0.0	15.0	15.0	3.9
7	18.0	30.0	20.8	86.1	21.616	18.7	0.0	1.7	1.7	3.7
8	18.5	30.0	22.2	83.4	22.372	19.3	0.0	0.0	0.0	7.0
9	18.5	29.6	22.8	82.2	22.664	19.5	0.5	0.0	0.5	9.3
10	18.0	31.0	23.8	72.9	21.161	18.3	0.0	6.0	6.0	5.5
11	18.0	31.0	23.3	79.3	22.600	19.4	0.0	0.0	0.0	7.7
12	16.0	32.0	23.0	71.9	19.967	17.5	2.3	0.0	2.3	4.8
13	17.0	31.6	22.9	76.7	20.840	18.2	0.0	22.1	22.1	8.9
14	17.6	29.0	22.4	77.6	21.194	18.4	0.0	0.0	0.0	4.9
15	17.5	30.0	23.2	77.4	21.634	18.7	0.0	0.0	0.0	4.1
16	18.5	30.0	22.9	81.8	22.520	19.4	0.0	0.0	0.0	3.2
17	18.0	31.5	25.0	73.4	22.978	19.7	0.0	0.0	0.0	3.7
18	17.5	32.0	24.1	75.2	21.977	19.0	0.0	9.3	9.3	8.4
19	16.0	32.6	23.6	72.1	20.528	17.9	0.0	4.7	4.7	8.8
20	18.6	28.4	22.4	80.3	21.490	18.6	0.0	0.0	0.0	3.7
21	18.5	28.6	22.1	79.2	20.787	18.1	0.0	0.0	0.0	3.0
22	17.0	33.0	23.3	79.4	22.199	19.1	0.0	0.0	0.0	10.3
23	17.0	33.5	24.5	72.2	21.401	18.6	0.0	0.0	0.0	10.3
24	17.0	33.6	24.1	72.2	21.557	18.7	1.0	0.1	1.1	2.9
25	17.5	32.0	23.5	73.9	21.023	18.3	0.0	0.0	0.0	8.0
26	18.0	32.3	22.0	80.7	21.748	18.8	0.0	0.0	0.0	10.4
27	16.5	30.0	21.9	74.6	19.488	17.1	0.0	0.0	0.0	9.5
28	15.5	33.0	24.0	65.3	19.058	16.7	0.0	0.0	0.0	9.3
29	15.0	32.0	21.3	70.6	17.403	15.3	0.0	0.0	0.0	7.9
30	18.0	31.5	24.3	71.8	21.687	18.8	0.3	0.0	0.3	4.2
31	19.0	27.6	22.4	79.9	21.783	18.9	0.0	0.0	0.0	7.1
PROM.	17.6	31.1	23.1	76.9	21.481	18.6	4.1	65.8	69.9	204.5

ESTACION: INGENIO SAN FRANCISCO MUNICIPIO: LA VIRGINIA AÑO: 1.977

ALTITUD: 1.000 LATITUD: 4-54 N LONGITUD: 75-54 W

M E S – SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	32.0	23.7	72.6	20.956	18.2	0.0	0.0	0.0	6.6
2	16.0	32.1	23.3	73.9	20.990	18.3	0.4	0.0	0.4	9.0
3	15.0	30.0	21.8	81.6	21.181	18.4	0.1	0.5	0.6	8.5
4	16.0	33.0	24.0	73.9	22.341	19.2	0.0	0.0	0.0	3.7
5	17.0	32.0	24.2	74.0	22.107	19.1	0.0	0.0	0.0	3.2
6	16.0	33.3	24.4	69.3	20.427	17.8	0.0	0.0	0.0	10.0
7	14.5	33.8	24.3	63.5	18.187	15.9	0.0	0.0	0.0	9.8
8	16.0	32.0	24.6	66.9	20.030	17.5	0.0	0.0	0.0	4.8
9	17.5	32.6	24.0	73.6	21.875	18.9	0.3	0.5	0.8	7.7
10	18.0	32.5	23.5	74.0	21.424	18.6	12.5	0.1	12.6	1.9
11	16.0	33.0	24.3	72.5	22.050	19.0	2.1	1.0	3.1	7.9
12	18.0	28.0	21.2	84.5	21.708	18.8	1.6	0.0	1.6	2.1
13	16.5	31.0	21.5	80.1	20.518	17.9	0.0	0.0	0.0	4.3
14	16.5	23.0	19.5	87.8	20.021	17.5	0.0	0.0	0.0	
15	17.1	31.6	21.9	76.5	19.915	17.4	0.0	0.0	0.0	
16	16.8	30.0	22.5	72.1	19.773	17.3	2.1	6.3	8.4	8.4
17	16.8	31.3	22.4	81.3	21.928	18.9	0.0	0.0	0.0	8.0
18	17.5	31.0	22.7	76.4	20.904	18.2	0.0	0.0	0.0	7.5
19	18.0	28.8	22.8	78.1	21.251	18.4	0.0	6.3	6.3	7.4
20	17.5	30.0	22.3	81.8	22.135	19.1	0.7	2.6	3.3	6.0
21	18.0	29.0	21.8	82.2	21.522	18.7	9.2	12.8	22.0	3.8
22	18.0	29.6	21.3	84.0	21.515	18.6	9.2	0.8	10.0	
23	17.8	30.1	22.9	75.6	20.815	18.1	0.0	0.0	0.0	6.7
24	18.0	30.6	22.4	81.2	21.915	18.9	1.0	0.0	1.0	6.4
25	17.2	29.3	21.9	77.2	20.343	17.8	0.2	50.3	50.5	5.0
26	17.7	26.5	21.6	81.5	21.022	18.3	0.0	0.2	0.2	0.1
27	18.0	23.0	19.8	87.9	20.679	18.1	24.4	6.3	30.7	1.8
28	17.5	25.5	20.5	86.4	20.799	18.1	1.8	0.0	1.8	
29	17.0	27.0	20.6	84.6	20.869	18.2	12.0	0.0	12.0	1.8
30	16.5	28.3	22.1	79.7	21.075	18.3	0.0	1.2	1.2	
PROM.	16.9	30.0	22.5	77.8	21.009	18.3	77.6	88.9	166.5	

M E S – OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.8	30.0	21.5	78.6	20.233	17.6	3.4	32.2	35.6	6.8
2	17.5	29.5	22.2	76.6	20.320	17.7	0.0	0.0	0.0	5.7
3	17.5	32.0	22.6	76.1	21.116	18.3	20.2	7.5	27.7	9.3
4	18.0	30.6	23.0	79.9	22.193	19.1	0.2	7.1	7.3	5.7
5	18.5	30.0	23.0	77.9	21.640	18.8	0.0	0.0	0.0	5.1
6	18.0	30.0	22.8	81.6	22.552	19.4	1.4	6.1	7.5	6.7
7	18.0	30.6	23.3	75.2	21.038	18.3	0.0	23.9	23.9	1.3
8	18.0	30.0	22.1	83.4	22.284	19.2	1.4	0.0	1.4	5.3
9	18.6	26.1	21.6	80.3	20.807	18.1	0.0	1.0	1.0	1.8
10	16.8	30.0	22.1	82.4	21.959	19.0	0.6	1.2	1.8	2.3
11	18.8	30.0	23.0	76.5	21.466	18.6	0.0	9.1	9.1	5.1
12	18.0	29.8	21.6	81.0	20.678	18.0	0.4	0.0	0.4	8.1
13	16.5	29.0	21.0	80.4	20.464	17.9	43.8	0.0	43.8	
14	16.0	29.0	20.2	80.9	19.277	16.9	0.0	23.5	23.5	5.7
15	16.5	28.0	21.6	76.7	19.617	17.2	0.0	0.2	0.2	6.6
16	16.0	29.0	20.2	69.5	16.311	14.1	0.0	0.0	0.0	
17	14.8	31.0	21.6	81.7	20.689	18.0	2.5	0.0	2.5	
18	17.0	29.5	22.7	80.4	21.876	18.9	0.0	0.0	0.0	6.5
19	18.0	32.1	24.0	77.0	22.882	19.6	0.0	1.3	1.3	8.2
20	18.0	29.6	23.4	73.9	21.412	18.6	0.0	0.0	0.0	7.1
21	18.0	31.3	23.8	76.6	22.492	19.4	0.0	2.9	2.9	7.6
22	18.0	29.3	21.1	85.8	22.088	19.1	0.0	9.4	9.4	4.6
23	17.5	30.0	22.8	75.1	21.169	18.4	0.0	11.7	11.7	
24	18.5	30.0	23.0	81.6	22.933	19.7	0.9	5.9	6.8	4.7
25	18.4	32.0	23.0	82.3	22.978	19.7	0.0	10.9	10.9	6.7
26	18.0	22.0	20.4	92.0	22.054	19.0	2.4	0.0	2.4	6.5
27	18.5	30.0	22.5	84.6	23.096	19.8	0.2	0.0	0.2	3.8
28	18.5	31.0	22.3	81.1	22.242	19.2	14.7	4.9	19.6	5.4
29	18.0	30.0	22.6	82.2	22.374	19.3	0.0	0.0	0.0	8.0
30	18.0	26.0	21.5	81.4	21.419	18.6	0.0	0.0	0.0	4.8
31	16.0	31.6	22.3	80.6	21.471	18.6	0.0	0.0	0.0	
PROM.	17.6	29.6	22.2	79.8	21.391	18.5	92.1	158.6	250.9	

ESTACION: INGENIO SAN FRANCISCO MUNICIPIO: LA VIRGINIA AÑO: 1.977

ALTITUD: 1.000 LATITUD: 4-54 N LONGITUD: 75-54 W

M E S – NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	30.0	22.5	83.9	23.238	19.9	12.3	0.0	12.3	9.0
2	18.0	30.0	23.0	80.6	22.387	19.3	0.0	2.9	2.9	1.6
3	18.0	30.5	23.1	81.5	22.789	19.5	0.5	9.2	9.7	5.4
4	19.0	27.3	21.9	85.9	22.945	19.7	14.5	2.5	17.0	1.3
5	18.0	29.0	21.9	84.0	22.299	19.2	18.2	2.8	21.0	6.1
6	18.0	28.0	22.8	81.8	22.523	19.4	0.0	0.0	0.0	5.4
7	18.0	28.6	21.9	81.8	21.396	18.6	1.5	1.1	2.6	5.5
8	18.1	30.5	23.3	81.3	22.991	19.7	0.0	0.0	0.0	8.8
9	18.0	32.0	24.0	80.3	23.891	20.4	0.0	12.9	12.9	5.5
10	19.0	25.5	20.8	90.3	22.117	19.1	20.4	0.0	20.4	4.6
11	18.0	29.0	21.7	85.1	21.891	18.9	0.0	0.0	0.0	6.7
12	18.5	26.2	21.1	90.5	22.573	19.4	0.0	0.0	0.0	6.3
13	18.3	26.0	21.4	85.9	21.885	18.9	0.0	0.0	0.0	6.8
14	18.0	30.0	22.3	82.3	22.018	19.0	0.0	0.0	0.0	9.2
15	16.0	30.0	22.3	76.9	21.063	18.3	0.0	0.0	0.0	9.0
16	16.0	32.0	22.8	73.0	20.336	17.8	0.0	0.0	0.0	7.3
17	16.8	31.5	22.6	81.1	22.143	19.1	0.0	0.0	0.0	5.5
18	19.0	26.0	20.8	88.7	22.271	19.2	2.0	0.0	2.0	1.9
19	16.5	30.0	22.3	80.6	21.425	18.6	0.0	0.0	0.0	7.8
20	17.5	31.0	22.8	73.9	20.350	17.7	0.0	0.0	0.0	8.3
21	18.0	32.0	23.9	72.5	21.346	18.5	0.0	7.4	7.4	9.2
22	17.5	32.0	23.5	80.8	23.152	19.8	0.1	0.0	0.1	6.2
23	18.5	32.5	23.5	80.2	23.229	19.9	0.0	0.0	0.0	5.8
24	18.0	32.0	23.5	79.9	22.980	19.7	0.0	4.7	4.7	8.1
25	19.0	32.0	23.3	82.0	23.278	19.9	1.6	2.3	3.9	8.2
26	19.0	30.5	22.5	84.4	23.306	20.0	1.2	0.5	1.7	8.5
27	19.0	32.0	24.0	77.1	22.805	19.6	0.5	3.3	3.8	5.8
28	18.5	31.0	23.9	79.3	23.378	20.0	0.0	0.6	0.6	6.7
29	19.0	32.5	24.7	74.6	22.857	19.6	0.0	0.0	0.0	8.9
30	18.5	31.5	24.5	74.2	22.753	19.5	0.0	0.0	0.0	9.4
PROM.	18.1	30.0	22.8	81.1	22.387	19.3	72.8	50.2	123.0	198.8

M E S – DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	32.0	23.1	77.7	21.938	18.9	0.0	0.0	0.0	6.2
2	17.0	30.5	22.8	82.7	22.828	19.6	0.0	5.1	5.1	6.2
3	17.0	30.0	23.3	79.6	22.470	19.4	0.0	0.0	0.0	6.9
4	16.5	31.5	23.7	76.8	22.009	19.0	0.2	0.0	0.2	7.7
5	19.0	32.5	24.8	75.9	23.362	20.0	0.0	0.0	0.0	8.9
6	19.5	31.6	24.0	82.0	24.653	20.9	0.0	0.0	0.0	5.9
7	19.0	30.0	23.6	84.8	24.286	20.6	0.0	0.0	0.0	1.6
8	18.0	31.1	24.2	76.5	22.332	19.2	0.0	0.8	0.8	8.7
9	19.5	32.0	23.8	78.9	23.432	20.0	0.1	0.0	0.1	7.0
10	19.5	31.6	23.3	75.2	21.530	18.7	0.0	0.0	0.0	6.9
11	18.5	32.0	23.5	73.0	21.155	18.4	0.0	0.0	0.0	9.2
12	17.5	32.0	23.9	78.7	23.146	19.8	0.0	0.0	0.0	9.5
13	18.5	30.5	22.0	83.3	22.567	19.4	0.0	0.0	0.0	4.7
14	16.5	30.0	23.9	81.4	23.752	20.2	0.0	0.2	0.2	8.1
15	17.0	32.0	24.3	77.7	23.401	20.0	0.0	0.0	0.0	6.9
16	16.5	27.5	21.8	88.1	23.064	19.8	0.0	0.0	0.0	2.0
17	18.0	31.0	23.0	81.6	22.692	19.5	0.0	0.0	0.0	7.4
18	18.0	31.0	23.0	75.6	21.626	18.8	0.0	0.0	0.0	7.7
19	18.0	30.0	23.5	80.6	22.804	19.6	0.0	16.0	16.0	3.5
20	18.5	30.6	23.5	74.9	21.117	18.3	1.3	0.0	1.3	6.9
21	18.0	32.5	24.7	67.6	20.708	18.0	0.0	0.0	0.0	9.4
22	18.5	32.5	24.0	67.4	19.711	17.2	0.0	0.0	0.0	9.5
23	17.5	32.8	24.3	69.9	20.917	18.2	0.0	0.0	0.0	9.7
24	18.5	32.8	24.3	75.0	22.440	19.3	0.0	0.0	0.0	7.2
25	18.8	30.6	22.6	80.0	22.036	19.1	0.0	0.0	0.0	0.7
26	17.5	30.0	23.3	72.8	20.891	18.2	0.0	0.0	0.0	2.2
27	17.5	30.0	23.3	75.2	20.899	18.2	0.0	8.3	8.3	5.6
28	19.0	30.0	22.0	81.1	21.543	18.7	0.0	8.8	8.8	5.9
29	19.0	25.3	21.9	82.8	21.851	18.9	0.0	0.5	0.5	0.7
30	18.5	31.0	23.5	70.5	20.006	17.5	0.0	0.0	0.0	8.8
31	18.0	31.0	23.3	72.5	20.318	17.8	0.0	0.0	0.0	8.9
PROM.	18.1	30.9	23.4	77.4	22.112	19.1	1.6	39.7	41.3	200.5

ESTACION: INGENIO SAN FRANCISCO MUNICIPIO LA VIRGINIA AÑO: 1.977

ALTITUD: 1.000 LATITUD: 4-54 N LONGITUD: 75-54 W

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO									43.0	8	
FEBRERO									53.7	10	188.3
MARZO	17.8	32.8	24.2	15.0	37.0	72.6	21.171	18.3	127.5	11	175.8
ABRIL	17.9	30.4	23.4	14.2	33.1	75.9	21.309	18.4	99.2	16	
MAYO	18.2	29.3	22.3	16.0	32.0	79.4	21.323	18.5	96.8	18	157.6
JUNIO	17.3	29.8	22.4	15.0	34.0	76.7	20.817	18.1	98.8	15	
JULIO	17.9	32.1	23.9	15.0	34.0	73.4	21.474	18.6	101.3	12	198.2
AGOSTO	17.6	31.1	23.1	15.0	33.8	76.9	21.481	18.6	69.9	11	204.5
SEPTIEMBRE	16.9	30.0	22.5	14.5	33.8	77.8	21.009	18.3	166.5	18	
OCTUBRE	17.6	29.6	22.2	14.8	32.1	79.8	21.391	18.5	250.9	23	
NOVIEMBRE	18.1	30.0	22.8	16.0	32.5	81.1	22.387	19.3	123.0	16	196.8
DICIEMBRE	18.1	30.9	23.4	16.5	32.8	77.4	22.112	19.1	41.3	10	200.5
PROMEDIO											
TOTAL									1271.9	168	

ESTACION: EL JAZMIN MUNICIPIO: STA. ROSA DE AGO: 1.977

ALTITUD: 1.600 LATITUD: 4-53 N. LONGITUD: 75-36 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	26.0	19.9	82.7	19.127	16.8	0.0	0.0	0.0	6.0
2	15.0	26.0	20.0	85.9	20.023	17.5	0.0	0.4	0.4	5.5
3	15.4	26.1	20.7	77.2	18.167	16.0	0.0	0.0	0.0	9.5
4	14.8	27.0	20.0	76.7	17.662	15.5	0.0	0.0	0.0	9.9
5	15.3	28.0	21.0	74.4	18.591	16.3	0.0	0.0	0.0	10.1
6	14.1	27.1	20.5	70.0	16.568	14.6	0.0	0.0	0.0	10.2
7	14.0	25.0	20.0	76.6	17.374	15.3	0.0	0.0	0.0	8.4
8	14.1	27.2	20.0	78.4	18.053	15.9	0.0	0.0	0.0	9.2
9	14.0	27.5	21.0	79.2	19.035	16.6	0.0	0.0	0.0	10.0
10	14.6	27.0	20.0	75.9	17.198	15.1	0.0	0.0	0.0	9.4
11	14.1	27.5	20.9	76.0	18.373	16.1	0.0	0.0	0.0	8.1
12	15.3	27.0	20.9	74.0	17.735	15.6	0.0	0.0	0.0	9.4
13	13.8	26.2	19.6	78.1	17.331	15.1	0.0	0.0	0.0	7.8
14	14.1	26.6	20.8	79.0	19.121	16.7	0.0	0.2	0.2	6.9
15	16.8	26.2	20.5	87.6	21.042	18.3	2.7	5.8	8.5	5.4
16	16.1	27.0	20.5	83.5	20.026	17.5	0.0	2.9	2.9	6.9
17	16.0	27.2	21.0	79.6	19.446	17.1	0.0	0.0	0.0	6.0
18	16.6	26.5	19.7	83.8	19.236	16.8	1.3	0.0	1.3	5.7
19	15.4	25.3	19.0	84.2	18.651	16.4	2.9	2.8	5.7	5.5
20	15.0	27.3	21.2	74.6	17.719	15.4	0.0	0.0	0.0	8.3
21	15.1	27.3	20.8	72.9	17.251	15.2	0.0	0.0	0.0	9.2
22	14.3	28.0	20.3	74.8	17.094	14.9	0.0	0.0	0.0	9.7
23	15.1	25.1	18.2	91.0	19.222	16.8	29.1	0.0	29.1	3.5
24	14.6	24.5	19.4	86.9	19.391	17.0	0.0	0.0	0.0	2.7
25	15.0	26.2	20.6	79.9	19.127	16.8	0.0	4.8	4.8	7.4
26	16.1	24.0	19.4	81.7	18.702	16.4	0.0	0.0	0.0	3.6
27	15.6	26.1	20.1	80.8	18.891	16.6	0.0	0.0	0.0	5.8
28	15.1	26.0	20.8	78.1	19.028	16.7	0.0	42.2	42.2	6.8
29	15.2	25.1	20.4	84.0	19.686	17.2	0.3	4.0	4.3	7.0
30	15.0	25.0	19.2	86.7	19.168	16.8	0.6	0.0	0.6	4.5
31	15.0	23.6	19.6	84.0	18.901	16.6	0.1	0.5	0.6	3.9
PROM.	15.0	26.3	20.2	79.9	18.611	16.3	37.0	63.6	100.6	222.3

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	24.6	19.3	83.1	18.786	16.5	0.2	0.0	0.2	2.7
2	14.8	25.5	20.3	78.3	18.483	16.2	0.0	0.0	0.0	7.0
3	15.1	26.5	20.3	74.4	17.579	15.5	0.0	0.0	0.0	8.3
4	14.7	26.0	19.8	78.4	17.604	15.5	0.0	0.0	0.0	7.2
5	16.1	24.8	20.5	79.3	19.104	16.8	0.0	0.0	0.0	5.3
6	15.3	26.0	20.1	78.5	18.101	15.9	0.0	0.0	0.0	7.5
7	15.3	22.0	18.2	94.1	19.466	17.0	1.1	0.0	1.1	1.9
8	14.1	28.0	20.3	79.1	18.523	16.3	0.0	0.0	0.0	7.7
9	16.0	25.2	20.3	90.2	21.461	18.6	0.0	0.0	0.0	1.2
10	16.8	25.1	19.0	89.8	19.662	17.2	0.8	0.0	0.8	7.0
11	15.3	24.1	19.3	92.0	20.243	17.7	0.8	6.5	7.3	5.2
12	14.4	20.0	17.0	91.9	17.888	15.7	0.5	0.0	0.5	0.6
13	14.7	24.1	19.3	82.3	18.332	16.1	0.0	0.0	0.0	6.0
14	16.0	25.3	19.9	86.2	20.194	17.6	0.5	0.0	0.5	5.6
15	16.0	24.8	18.9	91.1	19.870	17.4	1.4	0.0	1.4	6.5
16	16.0	24.1	19.4	87.9	19.497	17.1	0.0	0.7	0.7	3.7
17	16.0	23.3	19.6	83.9	19.227	16.9	0.0	0.0	0.0	4.8
18	14.8	26.1	20.1	78.2	18.007	15.8	0.0	0.0	0.0	6.8
19	15.8	20.3	16.3	95.9	17.946	15.8	5.6	0.0	5.6	0.3
20	14.0	22.2	16.6	90.3	17.281	15.2	7.5	0.4	7.9	4.0
21	13.8	24.1	18.3	90.6	18.714	16.4	0.0	0.0	0.0	9.8
22	15.1	25.0	19.0	83.1	18.120	15.9	0.0	0.0	0.0	4.3
23	14.6	27.5	18.8	75.5	16.156	14.2	13.1	1.7	14.8	4.1
24	15.0	25.0	18.5	85.0	18.320	16.1	0.0	0.0	0.0	5.2
25	15.2	24.6	18.8	83.1	18.223	16.0	2.5	0.0	2.5	4.9
26	15.0	24.5	19.5	85.9	19.485	17.1	0.0	6.5	6.5	5.6
27	15.1	22.5	18.3	93.5	19.404	17.0	0.2	0.0	0.2	3.3
28	14.0	27.1	20.8	76.5	18.093	15.9	0.0	0.0	0.0	6.5
PROM.	15.2	24.6	19.2	84.9	18.706	16.4	34.2	15.8	50.0	143.0

ESTACION: EL JAZMIN MUNICIPIO: STA. ROSA CEAÑO: 1.977

ALTITUD: 1.600 LATITUD: 4-53 N. LONGITUD: 75-36 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.3	24.3	20.4	84.5	20.215	17.6	0.0	0.0	0.0	5.0
2	16.3	27.2	21.8	74.5	18.843	16.6	0.0	0.0	0.0	7.1
3	15.4	27.0	21.4	76.5	19.009	16.7	0.0	0.0	0.0	8.5
4	14.6	27.2	22.0	75.0	19.299	16.9	0.0	0.0	0.0	0.0
5	15.0	28.3	20.8	73.8	17.326	15.2	0.0	0.0	0.0	7.1
6	15.0	28.1	20.4	77.4	18.057	15.8	0.0	0.0	0.0	6.9
7	14.4	27.1	20.8	71.4	16.610	14.6	0.0	0.0	0.0	6.6
8	15.3	29.3	20.5	61.2	14.524	12.5	0.0	0.0	0.0	6.6
9	15.0	27.8	21.8	70.0	17.610	15.5	0.0	0.0	0.0	7.6
10	15.8	29.1	22.2	74.6	19.329	16.9	0.2	0.0	0.2	7.9
11	16.8	28.0	21.8	78.8	20.344	17.8	0.0	0.0	0.0	8.4
12	16.1	27.0	20.1	78.6	18.334	16.1	0.0	0.0	0.0	4.4
13	15.4	24.1	19.0	83.1	18.364	16.1	0.0	0.0	0.0	1.7
14	14.8	26.2	19.5	79.8	17.951	15.8	0.0	0.0	0.0	5.9
15	15.0	26.3	20.4	77.2	18.287	16.1	0.0	26.2	26.2	5.1
16	15.1	23.3	18.1	86.7	18.177	16.0	0.9	0.0	0.9	5.4
17	15.6	26.2	19.5	81.5	18.651	16.4	0.1	0.0	0.1	10.7
18	15.1	26.7	20.2	79.2	18.355	16.1	0.0	0.0	0.0	
19	15.0	23.6	18.9	86.5	18.828	16.5	0.0	0.0	0.0	
20	14.8	24.3	20.3	73.0	17.011	14.9	0.0	0.0	0.0	
21	17.0	27.0	20.8	78.0	19.136	16.8	0.2	2.8	3.0	6.4
22	17.0	23.1	18.7	93.0	19.933	17.5	13.7	16.4	30.1	1.5
23	15.4	22.1	18.5	88.8	18.878	16.6	2.2	36.9	39.1	2.4
24	15.3	24.8	18.5	88.7	18.960	16.6	13.3	0.0	13.3	4.2
25	16.1	24.1	19.4	85.3	19.152	16.8	0.0	8.5	8.5	2.8
26	15.6	26.2	20.5	80.0	18.978	16.7	0.0	27.9	27.9	
27	14.4	25.0	18.4	88.7	18.886	16.6	0.0	0.0	0.0	
28	15.1	20.0	16.4	96.6	18.134	16.0	4.2	1.4	5.6	8.8
29	14.1	23.0	19.0	86.1	18.592	16.3	0.0	0.0	0.0	
30	14.3	22.0	17.6	88.4	17.902	15.7	0.7	0.0	0.7	1.6
31	14.4	21.2	16.9	86.3	16.769	14.8	14.5	0.0	14.5	2.6
PROM.	15.3	25.5	19.8	80.7	18.401	16.1	50.0	120.1	170.1	

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.3	23.6	18.0	86.8	18.180	16.0	0.0	0.0	0.0	
2	14.8	22.6	17.8	85.4	17.437	15.3	0.0	21.9	21.9	
3	14.3	22.1	17.5	85.3	17.031	15.0	0.0	39.6	39.6	5.9
4	13.6	20.5	16.5	91.4	17.277	15.2	21.2	0.0	21.2	2.9
5	12.8	24.1	18.9	70.7	15.021	12.9	0.0	0.0	0.0	9.5
6	14.4	25.4	19.3	74.8	16.459	14.4	0.0	0.0	0.0	7.1
7	14.6	25.0	20.3	81.5	18.977	16.5	0.0	5.8	5.8	4.9
8	15.1	24.2	17.3	83.8	16.807	14.8	11.1	0.0	1.1	4.5
9	13.1	25.3	19.2	78.4	17.050	15.0	0.0	0.0	0.0	9.2
10	15.8	27.0	20.8	79.7	19.691	17.2	0.0	0.0	0.0	9.7
11	16.0	26.0	20.4	81.4	19.283	16.9	0.0	0.0	0.0	1.7
12	17.0	22.2	17.9	87.0	17.967	15.8	9.7	0.0	9.7	2.1
13	15.0	24.6	19.2	86.9	19.232	16.8	0.0	0.0	0.0	5.7
14	17.0	22.6	18.7	93.6	20.057	17.5	5.4	0.0	5.4	0.7
15	15.4	25.2	20.2	83.2	19.540	17.1	0.0	2.8	2.8	7.5
16	17.0	22.2	18.8	91.7	20.170	17.6	0.0	0.0	0.0	4.1
17	16.3	22.6	18.0	92.1	19.246	16.9	0.0	0.0	0.0	
18	14.8	25.6	20.4	78.5	18.495	16.3	0.0	0.0	0.0	5.6
19	16.3	24.3	19.7	86.1	19.803	17.3	0.0	0.0	0.0	
20	15.0	27.0	20.3	83.2	19.845	17.3	0.0	11.6	11.6	7.8
21	16.3	20.3	18.1	94.2	19.693	17.2	2.0	0.0	2.0	0.2
22	14.6	23.0	17.5	89.6	18.081	15.9	0.3	25.3	25.6	6.6
23	14.4	16.0	15.4	96.2	16.970	14.9	0.0	0.0	0.0	
24	13.6	22.0	17.8	87.6	17.639	15.5	0.0	0.0	0.0	
25	14.8	24.1	18.9	84.7	18.290	16.0	0.0	8.7	8.7	5.9
26	15.4	22.1	17.8	87.0	17.844	15.7	1.0	45.7	46.7	2.4
27	14.0	22.3	17.8	91.2	18.916	16.6	0.0	5.9	5.9	0.8
28	14.3	21.4	17.3	90.3	17.822	15.7	0.1	19.3	19.4	3.6
29	14.0	21.3	17.3	85.8	16.817	14.8	12.0	0.0	12.0	3.9
30	14.8	20.4	16.8	92.5	17.707	15.6	0.6	0.0	0.6	2.7
PROM.	15.0	23.2	18.5	86.0	18.245	16.0	63.4	186.6	250.0	

ESTACION: EL JAZMIN MUNICIPIO: STA. ROSA AÑO: 1.977

ALTITUD: 1.600 LATITUD: 4-53 N. LONGITUD: 75-36 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.8	23.0	17.4	88.4	17.297	15.2	0.0	0.0	0.0	3.3
2	15.1	24.4	19.2	88.3	19.326	16.9	0.1	0.0	0.1	4.2
3	16.8	25.6	19.7	82.2	18.856	16.6	4.1	8.6	12.7	5.5
4	16.4	25.0	18.9	81.8	18.076	15.9	14.1	0.2	14.3	4.7
5	14.3	19.1	16.3	93.8	17.569	15.4	5.8	0.0	5.8	0.4
6	13.1	23.3	17.9	81.9	16.530	14.5	0.0	0.0	0.0	3.6
7	14.6	22.2	17.9	85.4	17.570	15.4	0.1	0.0	0.1	1.8
8	14.8	24.0	18.7	86.2	18.361	16.1	0.0	0.2	0.2	4.9
9	16.5	22.8	18.6	87.4	19.284	16.9	0.0	0.0	0.0	3.5
10	15.1	22.2	17.6	86.3	17.714	15.4	0.0	25.8	25.8	3.4
11	15.5	22.1	18.8	83.6	18.314	16.1	0.1	0.0	0.1	1.1
12	15.5	25.0	19.4	79.1	17.733	15.6	0.0	0.0	0.0	4.9
13	15.5	24.0	19.1	87.0	19.250	16.9	0.0	0.0	0.0	4.0
14	15.0	18.3	15.4	93.9	16.509	14.5	6.9	0.0	6.9	0.1
15	14.2	20.2	16.4	93.6	17.526	15.4	13.6	0.0	13.6	2.5
16	13.0	24.0	17.9	85.5	17.796	15.6	0.0	0.5	0.5	6.8
17	15.3	23.3	18.7	79.8	17.398	15.3	0.0	0.0	0.0	4.2
18	14.1	24.4	19.1	79.2	17.485	15.3	0.0	10.2	10.2	9.5
19	15.3	26.2	19.5	76.4	17.605	15.3	0.0	0.0	0.0	7.0
20	15.4	22.1	17.8	87.3	18.121	15.9	0.0	0.0	0.0	4.2
21	14.6	22.1	18.2	86.4	18.032	15.8	0.0	0.0	0.0	2.4
22	15.4	20.6	17.9	88.6	18.119	15.9	0.0	11.5	11.5	2.4
23	15.6	22.2	17.5	88.6	18.180	16.0	4.4	7.6	12.0	1.0
24	14.3	22.2	18.2	84.9	17.800	15.7	0.0	11.3	11.3	4.4
25	14.4	21.0	16.3	93.7	17.061	15.0	11.3	0.0	11.3	1.7
26	14.2	23.3	17.7	86.9	17.705	15.6	2.9	0.0	2.9	3.2
27	15.1	23.1	17.9	85.5	17.755	15.6	2.7	0.0	2.7	1.9
28	14.0	21.0	16.0	89.9	16.323	14.3	0.9	0.0	0.9	1.8
29	14.2	20.6	17.5	92.1	18.452	16.2	0.0	0.0	0.0	1.3
30	15.0	24.8	19.4	81.8	18.266	16.0	0.0	0.0	0.0	5.3
31	15.4	20.3	16.9	92.5	17.974	15.8	0.3	0.0	0.3	1.7
PROM.	14.9	22.7	18.0	86.4	17.871	15.7	67.3	75.9	143.2	106.7

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.2	20.8	16.1	93.5	17.083	15.0	11.6	46.0	57.6	2.2
2	13.6	22.1	17.6	84.7	17.182	15.1	0.1	0.0	0.1	2.9
3	15.1	23.3	18.6	83.1	17.834	15.7	0.1	8.1	8.2	3.3
4	14.3	22.0	17.3	87.1	17.231	15.1	1.2	0.3	1.5	4.0
5	14.6	21.6	16.4	87.3	15.980	14.0	3.6	0.0	3.6	3.6
6	15.0	22.0	16.6	94.7	17.821	15.7	33.4	9.2	42.6	3.4
7	13.8	20.3	17.6	91.2	18.312	16.1	16.6	16.0	32.6	1.2
8	13.5	22.5	18.5	82.5	17.511	15.4	0.0	1.3	1.3	6.6
9	15.6	23.0	17.8	85.6	17.328	15.2	0.1	0.0	0.1	4.3
10	14.2	23.5	17.5	78.0	15.735	13.8	0.0	0.0	0.0	3.7
11	12.5	22.2	16.8	87.8	16.978	14.9	8.9	5.5	14.4	5.5
12	13.8	20.3	16.3	91.2	17.265	15.1	16.5	0.5	17.0	2.6
13	13.2	20.5	16.5	92.9	17.315	15.2	4.1	0.4	4.5	1.9
14	14.2	21.0	17.8	85.4	17.193	15.1	0.0	0.0	0.0	4.8
15	14.7	25.0	19.1	76.5	16.516	14.5	0.0	0.0	0.0	10.1
16	15.3	26.3	19.0	82.9	18.221	16.0	0.4	0.0	0.4	0.5
17	15.0	26.1	19.7	78.2	17.555	15.4	0.1	0.0	0.1	7.8
18	15.0	23.3	18.6	86.4	18.471	16.2	0.0	0.0	0.0	6.0
19	15.3	23.6	18.6	82.5	17.626	15.5	0.4	0.0	0.4	5.9
20	15.0	22.2	17.1	87.8	17.207	15.1	4.0	0.0	4.0	4.3
21	15.0	22.4	17.7	87.8	17.671	15.6	0.9	0.0	0.9	2.9
22	13.6	25.0	18.7	80.7	17.282	15.1	1.8	0.0	1.8	7.4
23	14.8	24.6	19.1	81.3	17.563	15.4	0.0	6.9	6.9	4.9
24	14.4	24.1	19.5	78.5	17.405	15.3	0.0	0.0	0.0	6.2
25	16.0	25.8	19.4	79.8	17.605	15.4	0.0	0.0	0.0	7.1
26	15.4	25.3	18.0	86.7	17.890	15.7	0.1	0.4	0.5	5.7
27	15.0	26.2	20.5	68.7	15.773	13.8	0.0	0.0	0.0	8.9
28	15.2	23.3	18.4	79.3	17.019	15.0	0.0	0.0	0.0	2.5
29	15.4	20.8	17.6	86.5	17.457	15.4	2.7	14.8	17.5	2.2
30	13.8	19.9	16.6	90.0	16.851	14.8	14.9	47.7	62.6	1.7
PROM.	14.5	23.0	18.0	84.6	17.296	15.2	121.5	157.1	278.6	134.1

ESTACION: EL JAZMIN MUNICIPIO: STA. RCSA AÑO: 1.977

ALTITUD: 1.600 LATITUD: 4-53 N. LONGITUD: 75-36 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.6	22.1	17.6	79.6	15.868	13.9	0.6	0.5	1.1	5.3
2	12.3	22.4	18.6	81.7	17.270	15.2	0.7	0.0	0.7	5.7
3	14.8	25.2	20.8	74.4	17.325	15.2	0.0	0.5	0.5	6.0
4	15.5	25.2	19.8	74.4	17.152	15.1	0.0	0.0	0.0	6.4
5	16.0	23.5	19.0	83.1	18.519	16.3	13.8	22.8	36.6	2.3
6	14.5	21.2	17.6	83.4	16.891	14.8	1.9	5.3	7.2	1.6
7	14.5	22.0	18.1	82.6	17.026	15.0	0.2	0.0	0.2	3.3
8	14.5	24.2	20.0	74.6	16.942	14.9	0.0	18.3	18.3	8.0
9	14.2	24.1	18.8	77.8	16.583	14.5	0.4	0.0	0.4	3.8
10	13.8	24.5	20.1	78.1	17.679	15.7	0.0	0.0	0.0	0.0
11	14.2	26.3	20.4	61.3	13.861	11.6	0.0	0.0	0.0	10.3
12	15.5	22.4	18.7	83.2	18.035	15.8	0.0	0.0	0.0	0.7
13	13.8	26.0	20.8	64.4	15.004	13.0	0.0	12.3	12.3	9.6
14	15.2	24.0	20.1	78.3	18.068	15.8	0.0	0.3	0.3	6.3
15	15.6	22.5	19.3	81.3	17.913	15.7	0.1	3.2	3.3	6.3
16	13.6	25.0	19.1	78.1	16.634	14.6	0.0	0.1	0.1	4.3
17	15.2	25.6	21.4	68.9	16.524	14.5	0.0	0.0	0.0	7.7
18	14.2	27.2	20.0	69.8	16.048	14.1	0.3	0.0	0.3	7.5
19	14.2	25.2	19.6	70.8	15.864	13.8	0.0	0.0	0.0	6.3
20	14.2	24.7	18.4	76.6	16.077	14.1	0.7	0.0	0.7	6.0
21	13.2	27.3	22.3	58.0	13.881	11.7	0.0	0.0	0.0	8.6
22	14.2	25.4	21.6	64.3	15.144	13.2	0.0	0.0	0.0	5.9
23	15.7	27.3	21.7	66.5	16.274	14.3	0.0	0.2	0.2	8.6
24	14.3	22.4	18.7	81.4	17.251	15.1	0.0	0.0	0.0	3.6
25	14.8	23.5	19.8	80.3	18.205	16.0	0.9	0.0	0.9	2.1
26	15.3	24.0	17.9	80.8	16.602	14.6	5.4	9.7	15.1	2.2
27	14.6	20.3	17.3	83.6	16.247	14.3	0.7	0.0	0.7	1.4
28	14.0	26.7	22.8	60.1	15.106	13.0	0.0	0.0	0.0	9.5
29	15.0	28.0	23.3	57.2	14.518	12.5	0.0	0.0	0.0	10.9
30	15.3	26.3	20.5	71.4	16.563	14.5	0.0	7.5	7.5	9.7
31	15.3	20.0	17.5	85.9	17.048	15.0	9.3	0.3	9.6	0.6
PROM.	14.6	24.3	19.7	74.6	16.527	14.4	35.0	81.0	116.0	170.5

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	22.8	18.1	82.2	16.813	14.8	0.0	0.0	0.0	2.5
2	14.3	26.0	20.6	71.7	16.538	14.5	0.0	0.0	0.0	9.7
3	14.6	25.0	20.2	70.7	16.196	14.1	0.0	0.0	0.0	9.3
4	16.0	25.1	19.4	77.9	17.039	14.8	0.0	0.5	0.5	2.3
5	15.6	24.0	18.8	81.8	17.543	15.4	0.3	0.0	0.3	3.8
6	15.4	22.4	19.0	79.7	17.234	15.1	0.6	0.6	1.2	3.2
7	14.6	21.3	17.9	87.7	17.711	15.5	2.3	39.5	41.8	1.4
8	14.2	21.3	17.0	82.0	16.158	14.1	0.5	49.8	50.3	2.0
9	14.0	22.0	17.8	81.8	16.394	14.4	7.3	0.0	7.3	2.1
10	13.9	24.2	19.4	75.3	16.328	14.3	0.0	0.0	0.0	6.5
11	14.8	24.1	19.9	73.9	16.165	14.2	0.0	0.0	0.0	4.4
12	13.6	23.5	17.9	79.9	16.614	14.5	0.4	5.0	5.4	3.0
13	13.1	23.8	18.9	81.8	17.362	15.1	0.1	43.7	43.8	8.3
14	13.6	21.3	18.8	77.4	15.976	14.0	1.3	0.6	1.9	4.5
15	14.2	21.1	18.6	86.7	18.185	16.0	2.2	2.5	4.7	2.9
16	14.3	23.0	17.8	82.1	16.511	14.5	1.3	0.0	1.3	1.8
17	14.1	23.3	19.4	79.0	17.353	15.2	0.5	0.3	0.8	8.1
18	14.6	24.0	19.5	73.2	15.892	13.8	0.0	0.0	0.0	6.8
19	13.6	24.3	20.1	72.9	16.629	14.5	0.0	10.1	10.1	5.7
20	14.4	21.0	16.6	84.7	16.316	14.3	7.2	8.9	16.1	0.7
21	14.1	22.2	17.4	88.5	17.357	15.3	1.1	0.0	1.1	3.3
22	14.6	23.3	19.1	79.7	17.206	15.1	0.1	0.0	0.1	8.1
23	15.3	26.3	20.8	69.3	16.864	14.8	0.0	0.0	0.0	9.6
24	14.4	24.6	19.4	79.0	17.890	15.7	0.0	0.0	0.0	5.7
25	14.8	26.8	20.5	75.1	17.791	15.6	0.0	0.0	0.0	8.7
26	15.3	26.0	19.1	75.3	16.573	14.5	2.6	0.0	2.6	7.1
27	14.3	23.8	19.7	78.9	17.690	15.5	0.0	0.0	0.0	6.7
28	14.0	26.6	21.7	67.7	16.450	14.4	0.0	0.0	0.0	9.4
29	15.3	26.3	20.9	71.1	17.232	15.0	0.0	13.7	13.7	7.7
30	15.3	25.0	20.7	75.6	16.129	15.9	0.0	5.5	5.5	4.7
31	15.6	22.2	19.0	81.6	17.721	15.6	1.9	0.0	1.9	0.0
PROM.	14.5	23.8	19.2	78.2	16.963	14.9	29.7	180.7	210.4	160.0

ESTACION: EL JAZMIN MUNICIPIO: STA. ROSA AÑO: 1.977

ALTITUD: 1.600 LATITUD: 4-53 N. LONGITUD: 75-36 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	26.0	20.8	71.3	17.015	14.9	0.0	0.0	0.0	3.9
2	16.8	25.2	20.8	74.5	18.122	16.0	0.0	0.0	0.0	6.2
3	15.1	24.2	20.0	77.8	18.053	15.7	0.0	5.4	5.4	6.0
4	14.6	26.1	20.2	75.8	17.476	15.3	0.0	0.0	0.0	7.8
5	15.1	25.0	20.5	80.8	19.053	16.7	1.8	0.0	1.8	5.6
6	14.1	27.2	22.6	66.5	17.232	15.1	0.0	0.0	0.0	9.4
7	15.0	26.2	19.1	67.0	14.489	12.4	0.0	0.0	0.0	10.8
8	14.3	26.2	19.2	69.6	15.604	13.6	0.1	0.0	0.1	6.9
9	16.4	26.2	22.1	75.6	19.423	17.0	0.0	8.5	8.5	7.2
10	15.3	25.0	20.9	79.6	18.731	16.4	0.1	0.0	0.1	4.3
11	16.0	25.3	21.7	74.1	18.378	16.1	0.0	0.0	0.0	5.1
12	14.4	22.3	17.5	91.7	18.540	16.3	6.9	18.5	25.4	0.2
13	15.6	25.0	18.0	82.8	17.402	15.3	5.9	5.1	11.0	4.4
14	13.6	20.6	16.7	87.8	17.045	14.9	2.3	0.0	2.3	0.3
15	13.4	23.1	18.7	80.4	16.945	14.9	0.0	0.0	0.0	3.8
16	14.4	24.3	20.7	79.1	18.944	16.6	0.0	0.0	0.0	6.4
17	15.4	25.2	20.1	82.7	18.968	16.6	1.5	13.5	15.0	6.5
18	14.3	24.3	19.0	78.7	17.150	15.1	0.0	0.1	0.1	6.6
19	14.3	22.5	18.5	81.8	17.268	15.2	0.0	2.9	2.9	5.0
20	15.0	23.2	18.0	88.3	18.201	16.0	2.4	11.9	14.3	3.3
21	14.8	20.8	17.9	90.6	18.763	16.5	3.6	15.9	19.5	1.2
22	14.2	23.3	17.4	86.7	17.418	15.3	3.5	0.6	4.1	2.4
23	15.3	24.0	19.2	83.0	18.496	16.3	0.1	0.0	0.1	5.0
24	14.8	23.0	18.1	84.5	17.532	15.4	2.6	0.5	3.1	2.9
25	13.0	23.2	17.5	78.7	15.709	13.7	0.1	40.7	40.8	4.6
26	13.7	20.0	17.0	84.6	16.436	14.4	0.0	1.8	1.8	0.0
27	15.1	19.0	16.0	89.1	16.383	14.4	7.9	6.9	14.8	0.0
28	13.8	21.2	17.2	85.1	16.550	14.5	4.1	0.0	4.1	1.1
29	13.7	21.2	17.2	90.6	18.043	15.9	0.9	0.0	0.9	0.7
30	14.8	23.0	18.2	84.9	17.924	15.8	3.4	0.0	3.4	5.2
PROM.	14.7	23.7	19.0	80.8	17.576	15.4	47.2	132.3	179.5	132.8

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.1	23.3	17.5	84.3	16.966	14.9	26.7	15.4	42.1	2.6
2	15.0	21.1	17.5	87.3	17.618	15.5	0.0	0.0	0.0	3.1
3	15.0	24.4	19.2	78.9	17.489	15.4	0.4	3.1	3.5	5.0
4	15.0	25.0	18.7	84.5	18.776	16.4	0.1	0.8	0.9	3.3
5	15.0	23.4	19.6	83.5	18.776	16.5	0.0	0.0	0.0	4.7
6	15.6	22.5	18.3	89.5	18.971	16.6	0.9	1.7	2.6	2.0
7	15.5	21.2	17.2	83.7	16.576	14.6	8.9	0.0	8.9	0.2
8	15.3	24.4	18.8	81.5	17.676	15.5	0.0	6.9	6.9	5.1
9	15.6	21.1	16.7	89.5	17.579	15.4	5.0	1.9	6.9	1.0
10	15.3	21.8	18.1	89.5	19.049	16.7	5.7	4.7	10.4	5.9
11	14.6	21.0	18.7	87.1	18.768	16.5	0.0	10.0	10.0	0.7
12	15.3	21.3	17.2	88.3	17.354	15.3	13.4	0.0	13.4	2.2
13	14.4	23.3	18.1	85.6	17.704	15.6	1.3	5.2	6.5	1.9
14	13.1	23.2	18.7	85.0	18.024	15.8	0.0	0.0	0.0	1.4
15	14.8	23.1	18.5	83.9	17.727	15.6	0.3	0.4	0.7	2.9
16	14.8	24.1	19.6	82.4	18.353	16.1	0.0	0.0	0.0	4.4
17	14.8	22.4	18.2	87.0	18.521	16.3	2.8	0.0	2.8	2.5
18	14.3	26.0	19.0	83.6	18.328	16.1	0.0	0.0	0.0	4.0
19	14.5	24.0	19.2	82.9	18.741	16.5	0.0	0.3	0.3	3.7
20	15.3	24.3	19.8	85.4	19.891	17.4	4.5	0.0	4.5	4.3
21	14.8	25.2	20.2	82.2	19.197	16.8	0.0	0.0	0.0	6.5
22	15.7	22.2	19.0	89.2	19.527	17.1	0.0	0.0	0.0	3.0
23	15.2	22.2	17.2	80.3	15.794	13.8	0.9	3.7	4.6	5.3
24	15.0	21.2	18.4	93.1	19.757	17.3	7.8	2.6	10.4	2.8
25	14.8	23.0	18.5	84.4	17.997	15.8	0.0	7.8	7.8	2.2
26	15.8	17.4	16.6	93.6	17.822	15.7	13.3	0.0	13.3	0.0
27	14.2	24.0	18.4	85.2	18.056	15.9	3.8	0.0	3.8	2.9
28	14.2	22.0	17.9	89.2	18.414	16.2	13.7	3.0	16.7	4.5
29	14.3	22.2	17.3	87.4	17.664	15.5	9.0	0.0	9.0	4.2
30	14.2	20.9	17.7	85.9	17.480	15.4	8.3	0.0	8.3	3.0
31	12.8	23.8	18.7	80.6	17.092	15.0	0.0	0.0	0.0	0.0
PROM.	14.8	22.7	18.3	85.6	18.119	15.9	126.8	67.5	194.3	95.3

ESTACION: EL JAZMIN MUNICIPIO: STA. ROSA DE AÑO: 1.977

ALTITUD: 1.600 LATITUD: 4-53 N. LONGITUD: 75-36 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	22.6	18.1	88.4	18.663	16.4	12.7	0.0	12.7	5.0
2	13.0	24.0	18.7	82.9	18.303	16.1	0.5	0.0	0.5	5.6
3	15.8	23.5	18.8	85.8	18.700	16.4	2.4	12.9	15.3	2.6
4	14.6	19.3	16.5	92.7	17.720	15.6	22.5	0.2	22.7	0.0
5	12.2	23.5	16.4	85.9	16.036	14.0	3.5	2.7	6.2	4.3
6	14.2	21.5	17.2	87.4	17.586	15.4	0.0	2.2	2.2	1.6
7	14.7	21.5	16.4	92.9	17.440	15.4	32.6	8.2	40.8	4.0
8	14.5	22.4	18.4	77.7	16.186	14.1	0.0	0.0	0.0	5.0
9	16.0	25.0	19.4	82.9	19.096	16.8	0.0	5.8	5.8	4.9
10	15.0	18.8	17.1	93.4	18.236	16.0	0.3	0.0	0.3	0.1
11	15.2	21.2	17.4	88.2	17.613	15.5	4.7	0.2	4.9	1.2
12	15.1	22.2	17.8	92.5	18.733	16.5	13.2	0.0	13.2	2.6
13	14.5	19.8	17.0	89.0	17.466	15.3	2.8	0.3	3.1	0.0
14	14.3	23.0	18.4	84.7	17.805	15.7	0.0	0.0	0.0	7.1
15	14.3	25.2	19.4	80.0	17.742	15.6	0.6	0.0	0.6	7.2
16	14.1	25.1	19.8	81.1	18.692	16.4	0.0	20.4	20.4	6.9
17	15.1	23.0	18.9	87.5	19.182	16.9	3.2	0.1	3.3	2.3
18	15.6	20.0	17.3	92.0	18.284	16.1	1.0	0.0	1.0	1.5
19	14.7	24.2	19.6	80.5	18.238	16.0	0.0	0.0	0.0	8.0
20	15.4	26.2	21.0	79.5	19.651	17.2	0.0	0.0	0.0	6.2
21	15.3	26.5	21.1	72.7	17.912	15.7	0.0	0.0	0.0	8.8
22	16.8	24.8	20.5	78.2	18.817	16.5	0.0	0.0	0.0	0.0
23	15.3	25.0	20.3	79.7	18.971	16.7	1.9	0.0	1.9	5.0
24	15.6	24.5	19.8	83.4	19.141	16.7	0.0	0.0	0.0	3.7
25	16.1	25.1	20.4	83.1	19.900	17.4	0.2	3.0	3.2	5.1
26	15.8	22.5	18.5	89.6	18.849	16.5	0.9	0.0	0.9	1.8
27	15.6	25.0	19.2	83.3	18.098	15.9	0.0	19.6	19.6	5.4
28	14.4	26.6	20.6	80.9	19.438	17.0	0.0	1.1	1.1	6.0
29	17.2	25.8	21.0	73.1	18.038	15.9	0.0	0.0	0.0	5.4
30	16.2	26.2	20.6	67.4	15.876	13.8	0.0	0.0	0.0	8.2
PROM.	15.1	23.5	18.9	83.9	18.214	16.0	103.0	76.7	179.7	125.5

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	26.6	20.4	75.4	18.258	16.0	1.0	0.0	1.0	7.4
2	16.2	24.8	20.0	79.4	18.453	16.2	0.0	12.7	12.7	5.1
3	16.6	26.4	20.8	79.4	19.341	17.0	0.0	0.0	0.0	6.4
4	17.3	25.7	22.2	79.3	20.961	18.3	0.0	0.1	0.1	5.0
5	14.5	26.4	20.6	80.2	19.176	16.7	0.0	7.9	7.9	6.9
6	16.5	23.9	18.8	83.8	18.121	15.9	1.1	1.0	2.1	3.0
7	15.5	23.1	18.5	84.0	17.883	15.7	0.0	0.0	0.0	2.6
8	17.1	26.2	20.9	81.5	20.182	17.6	0.0	0.0	0.0	7.0
9	16.9	25.9	19.9	86.9	20.253	17.6	0.2	0.1	0.3	4.4
10	15.2	24.6	18.6	84.6	18.353	16.0	14.2	0.1	14.3	4.1
11	15.0	21.6	17.2	90.8	18.041	15.8	1.8	0.0	1.8	3.9
12	13.8	25.0	19.2	85.2	19.286	16.8	3.8	0.0	3.8	6.4
13	15.8	23.1	18.5	87.7	18.660	16.4	0.5	0.0	0.5	2.4
14	14.3	27.0	20.6	75.8	18.415	16.2	4.0	0.0	4.0	8.1
15	16.0	25.3	20.6	80.1	19.099	16.7	0.0	0.0	0.0	6.4
16	16.1	23.6	19.6	88.8	20.178	17.6	0.0	0.0	0.0	2.5
17	16.1	26.0	19.9	83.7	19.524	17.0	0.0	0.0	0.0	5.8
18	15.5	25.0	19.9	85.3	19.648	17.1	3.4	0.0	3.4	4.8
19	16.8	23.8	19.3	87.7	19.388	17.0	0.0	0.0	0.0	1.8
20	16.3	26.3	21.5	78.2	19.840	17.4	0.0	0.0	0.0	8.2
21	15.9	26.3	20.9	81.1	19.985	17.4	0.2	0.0	0.2	6.0
22	16.2	26.2	22.1	73.7	18.776	16.5	0.0	0.0	0.0	8.2
23	16.8	27.3	22.1	75.2	19.042	16.7	0.0	1.8	1.8	8.4
24	17.3	26.2	20.9	83.7	20.781	18.1	0.0	0.0	0.0	3.7
25	15.3	24.8	19.9	85.4	19.740	17.2	0.0	0.0	0.0	1.9
26	15.5	24.5	20.5	85.9	20.635	18.0	0.0	0.0	0.0	1.9
27	15.5	23.8	19.8	86.8	20.065	17.4	0.0	32.2	32.2	0.0
28	15.8	24.5	18.7	89.2	18.413	16.2	23.2	40.0	63.2	4.1
29	16.3	22.5	18.8	89.7	19.324	17.0	0.0	0.0	0.0	0.4
30	14.8	25.5	19.5	82.4	18.180	15.9	0.0	0.0	0.0	7.8
31	15.1	25.0	18.9	86.7	18.989	16.6	0.5	0.5	1.0	6.2
PROM.	15.9	25.1	20.0	83.0	19.258	16.8	53.9	96.4	150.3	150.8

ESTACION: EL JAZMIN MUNICIPIO STA. ROSA DE C. AÑO: 1.977

ALTITUD: 1.600 LATITUD: 4-53 N. LONGITUD: 75-36 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.0	26.3	20.2	13.8	28.0	79.9	18.611	16.3	100.6	12	222.3
FEBRERO	15.2	24.6	19.2	13.8	28.0	84.9	18.706	16.4	50.0	14	143.0
MARZO	15.3	25.5	19.8	14.1	29.3	80.7	18.401	16.1	170.1	13	
ABRIL	15.0	23.2	18.5	12.8	27.0	86.0	18.245	16.0	250.0	17	
MAYO	14.9	22.7	18.0	12.8	26.2	86.4	17.871	15.7	143.2	20	106.7
JUNIO	14.5	23.0	18.0	12.5	26.3	84.6	17.296	15.2	278.6	22	134.1
JULIO	14.6	24.3	19.7	12.3	28.0	74.6	16.527	14.4	116.0	20	170.5
AGOSTO	14.5	23.8	19.2	13.1	26.8	78.2	16.963	14.9	210.4	20	160.0
SEPTIEMBRE	14.7	23.7	19.0	13.0	27.2	80.6	17.576	15.4	179.5	22	132.8
OCTUBRE	14.8	22.7	18.3	12.8	26.0	85.6	18.119	15.9	194.3	23	95.3
NOVIEMBRE	15.1	23.5	18.9	12.2	26.6	83.9	18.214	16.0	179.7	21	125.5
DICIEMBRE	15.9	25.1	20.0	13.8	27.3	83.0	19.258	16.8	150.3	17	150.8
PROMEDIO	15.0	24.0	19.1	13.1	27.2	82.4	17.982	15.8			
TOTAL									2022.7	221	

ESTACION: EL CEDRAL MUNICIPIO: PEREIRA AÑO: 1.977

ALTITUD: 2.120 LATITUD: 4-47 N. LONGITUD: 75-37 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	10.0	21.0	15.0	81.9	14.026	11.9	0.0	0.0	0.0	3.5
2	9.5	20.0	15.4	83.6	14.583	12.4	0.0	0.0	0.0	3.2
3	9.5	21.0	15.4	79.9	13.984	11.8	0.0	0.0	0.0	4.5
4	10.5	20.0	16.0	82.7	14.897	12.8	0.0	0.0	0.0	5.1
5	10.5	22.8	16.1	62.7	11.063	8.4	0.0	0.0	0.0	8.1
6	9.5	21.6	14.5	73.7	12.103	9.7	0.0	0.0	0.0	5.7
7	9.5	21.1	15.1	76.9	12.858	10.7	0.0	0.0	0.0	6.2
8	9.5	21.6	16.1	73.3	12.957	10.8	0.0	0.0	0.0	5.2
9	9.5	21.4	16.8	77.0	14.598	12.2	0.0	0.0	0.0	6.8
10	9.5	21.0	15.6	73.1	13.061	10.4	0.0	0.0	0.0	4.6
11	9.5	21.0	15.1	80.1	13.414	11.3	0.0	0.0	0.0	6.9
12	10.6	21.2	15.2	77.4	13.389	11.2	0.0	0.0	0.0	5.5
13	9.0	21.0	15.6	79.6	13.872	11.7	0.0	0.0	0.0	5.3
14	9.6	21.3	16.0	80.8	14.507	12.1	0.0	0.0	0.0	4.3
15	10.5	22.0	17.4	80.3	15.850	13.7	0.0	0.4	0.4	2.8
16	11.0	23.6	17.2	79.7	15.424	13.3	0.0	0.0	0.0	5.2
17	10.0		16.9	79.3	15.076	12.9	0.0	0.0	0.0	4.1
18	11.0		16.2	82.2	15.128	13.0	0.0	0.0	0.0	1.7
19	11.5		16.2	81.0	14.666	12.8	0.0	0.1	0.1	4.1
20	10.5		16.0	79.2	14.192	12.1	0.0	0.0	0.0	5.2
21	10.0		16.1	73.8	13.388	11.1	0.0	0.0	0.0	6.2
22	9.5		16.1	78.6	14.296	12.1	0.8	0.0	0.8	6.3
23	9.0		14.1	82.5	13.568	11.4	23.7	0.0	23.7	3.8
24	10.0		14.9	81.6	13.893	11.8	1.2	0.0	1.2	2.2
25	10.5		15.8	82.6	14.773	12.5	0.0	0.0	0.0	4.0
26	10.0		14.8	84.3	14.238	12.1	0.0	0.0	0.0	2.5
27	10.0		16.2	76.8	14.041	11.8	0.0	0.0	0.0	3.3
28	11.0		16.5	80.5	14.686	12.7	0.0	0.0	0.0	2.9
29	11.0		16.1	80.8	14.783	12.7	0.0	0.0	0.0	3.7
30	10.5		15.7	82.5	14.765	12.7	2.4	0.0	2.4	3.8
31	9.0		15.1	80.9	13.660	11.4	0.0	0.0	0.0	2.4
PROM.	10.0		15.8	79.0	14.069	11.9	28.1	0.5	28.6	139.1

M E S - FEBRERC

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	10.5		14.6	86.2	14.529	12.4	6.3	0.0	6.3	2.0
2	10.0		15.7	84.3	15.052	13.0	0.1	0.0	0.1	5.1
3	10.0		15.9	77.8	13.933	11.7	0.0	0.0	0.0	5.3
4	10.0		15.8	79.8	14.023	11.8	0.0	0.0	0.0	4.3
5	9.5		15.9	78.7	14.103	11.9	0.0	0.0	0.0	5.1
6	10.0		16.6	79.6	14.694	12.6	0.0	0.0	0.0	5.4
7	10.5	20.0	15.8	87.5	15.631	13.5	4.2	0.0	4.2	1.4
8	10.5	22.6	16.3	81.4	14.948	12.9	0.2	0.0	0.2	5.8
9	11.4	20.0	16.3	85.2	15.648	13.5	0.0	0.0	0.0	2.4
10	10.5	21.0	15.5	80.9	14.226	12.0	0.0	0.0	0.0	4.7
11	10.0	21.0	15.4	82.1	14.349	12.2	1.1	0.0	1.1	4.0
12	13.0	19.0	13.9	92.7	14.699	12.7	19.2	0.0	19.2	0.4
13	11.0	19.3	15.4	85.4	14.812	12.8	0.3	0.0	0.3	1.3
14	11.5	20.0	16.8	83.5	15.891	13.9	0.2	0.0	0.2	3.1
15	11.7	21.0	15.6	84.9	15.194	13.2	1.5	0.0	1.5	4.2
16	12.0	19.6	16.3	85.1	15.732	13.8	2.4	0.0	2.4	2.0
17	11.5	19.1	15.0	85.0	14.614	12.6	0.0	0.0	0.0	2.2
18	11.0	21.0	15.9	83.0	14.980	12.9	0.0	0.0	0.0	3.6
19	12.0	19.0	13.7	91.4	14.428	12.4	11.8	0.0	11.8	1.0
20	10.0	18.1	13.8	89.3	14.040	12.0	6.1	0.2	6.3	2.8
21	9.0	20.0	14.5	84.4	14.019	11.8	0.1	0.0	0.1	1.9
22	9.5	22.0	14.5	87.0	14.317	12.2	0.0	0.0	0.0	3.8
23	10.0	21.0	15.4	79.7	13.980	11.7	0.8	0.0	0.8	4.1
24	10.5	21.0	16.3	86.8	16.348	14.2	11.2	0.0	11.2	3.8
25	10.5	20.0	15.5	83.0	14.731	12.6	4.4	0.0	4.4	1.7
26	10.0	19.4	15.6	87.0	15.389	13.2	2.9	0.0	2.9	3.6
27	10.0	20.3	15.5	83.3	14.377	12.2	0.0	0.0	0.0	3.9
28	10.5	22.0	16.8	75.0	14.201	12.0	0.0	0.0	0.0	4.5
PROM.	10.6		15.5	83.9	14.742	12.6	72.8	0.2	73.0	93.4

ESTACION: EL CEDRAL MUNICIPIO: PEREIRA AÑO: 1.977

ALTITUD: 2.120 LATITUD: 4-47 N. LONGITUD: 75-37 W.

M E S – MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	10.5	20.6	15.9	81.9	14.615	12.5	0.0	0.0	0.0	2.7
2	10.2	23.0	17.1	74.4	14.227	12.2	0.0	0.0	0.0	6.3
3	10.5	22.2	15.5	75.5	13.282	11.1	0.0	0.0	0.0	4.2
4	11.3	23.0	16.6	76.9	14.590	12.5	0.0	0.0	0.0	6.5
5	11.5	23.4	16.5	82.1	15.181	13.0	0.0	0.0	0.0	7.3
6	11.0	23.0	16.7	78.5	14.840	12.9	0.1	0.0	0.1	4.7
7	10.5	22.0	16.5	73.3	13.671	11.6	0.0	0.0	0.0	8.5
8	11.5	24.0	16.6	59.4	10.769	8.0	0.0	0.0	0.0	5.9
9	12.0	23.3	17.3	69.9	14.008	11.9	0.0	0.0	0.0	8.4
10	12.0	24.2	18.1	71.0	14.599	12.6	0.0	0.0	0.0	7.5
11	11.5	22.0	16.8	81.7	15.668	13.6	10.2	0.0	10.2	3.9
12	10.0	21.0	16.4	80.4	14.889	12.8	0.0	0.0	0.0	5.4
13	11.5	19.4	15.4	82.6	14.594	12.6	12.8	0.0	12.8	1.6
14	10.5	20.0	14.8	79.3	13.544	11.4	12.8	0.0	12.8	3.6
15	10.0	20.6	15.4	82.6	14.508	12.4	5.5	0.0	5.5	2.7
16	14.0	20.3	16.1	84.9	15.706	13.7	0.7	0.0	0.7	1.0
17	12.5	21.2	15.2	85.8	14.925	12.9	16.8	7.7	24.5	3.3
18	12.0	21.1	15.7	87.3	15.463	13.5	2.1	0.0	2.1	2.7
19	11.6	20.0	14.9	67.9	15.054	13.0	2.8	0.0	2.8	1.9
20	10.5	21.2	15.9	83.6	15.085	13.0	0.0	0.0	0.0	3.4
21	10.2	20.4	16.2	81.5	15.151	13.0	0.0	0.0	0.0	3.6
22	12.0	20.6	16.1	83.8	15.364	13.4	0.0	0.0	0.0	0.9
23	12.0	18.1	14.8	91.5	15.332	13.3	18.2	0.6	18.8	1.2
24	12.5	20.0	15.2	88.6	15.551	13.5	3.6	0.0	3.6	1.6
25	11.0	20.0	16.4	86.7	15.551	13.9	0.0	0.0	0.0	0.9
26	12.5	22.0	16.9	81.5	15.510	13.5	0.0	0.0	0.0	4.3
27	11.5	20.0	14.6	89.3	14.751	12.7	15.7	0.0	15.7	2.1
28	12.0	19.0	13.9	94.0	14.930	12.9	7.6	5.6	13.2	1.0
29	10.5	20.0	15.4	86.7	15.230	13.2	0.0	5.7	5.7	3.7
30	13.0	18.8	14.8	95.4	16.002	14.0	24.5	0.1	24.6	0.2
31	11.5	18.0	14.3	90.6	14.883	12.9	21.7	1.6	23.3	0.5
PROM.	11.4	21.0	15.9	82.2	14.770	12.7	155.1	21.3	176.4	111.5

M E S – ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.5	19.3	14.9	87.1	14.609	12.6	1.4	76.3	77.7	1.2
2	12.0	18.3	14.7	90.4	15.047	13.1	6.7	0.1	6.8	0.7
3	11.0	20.0	14.7	82.6	14.107	12.0	1.8	21.4	23.2	3.0
4	10.5	18.0	13.9	90.7	14.476	12.5	11.1	0.0	11.1	0.0
5	9.5	22.0	15.5	75.9	13.220	11.1	0.0	0.0	0.0	5.5
6	10.0	20.0	13.8	86.2	13.633	11.5	1.9	0.0	1.9	3.1
7	10.5	21.1	15.8	82.4	14.733	12.7	3.0	0.0	3.0	3.2
8	11.5	20.0	14.7	85.3	14.661	12.6	16.4	0.1	16.5	2.0
9	9.8	21.3	16.8	81.4	15.070	13.0	0.0	0.0	0.0	5.5
10	11.5	21.4	17.7	81.0	15.853	13.8	0.0	0.0	0.0	6.1
11	13.5	21.3	17.3	83.4	16.200	14.2	0.4	0.0	0.4	3.6
12	13.5	20.0	16.7	86.5	16.429	14.4	0.4	0.0	0.4	0.3
13	12.0	21.3	16.6	80.0	14.775	12.8	1.4	0.0	1.4	4.8
14	12.0	20.0	14.8	92.8	15.607	13.6	3.0	0.0	3.0	0.3
15	11.0	23.0	17.3	83.2	16.086	14.0	0.0	0.0	0.0	8.4
16	11.0	20.0	16.3	89.1	16.423	14.4	0.2	0.0	0.2	0.2
17	14.0	19.0	16.0	90.4	16.550	14.5	2.1	0.0	2.1	0.2
18	11.0		17.2	86.3	16.667	14.5	0.1	0.0	0.1	4.6
19	13.0		17.8	85.2	17.255	15.2	0.0	0.0	0.0	0.2
20	10.5		16.4	86.2	16.037	13.9	7.6	0.0	7.6	3.9
21	12.2		14.7	89.8	15.307	13.3	47.5	0.0	47.5	0.0
22	10.5		15.9	92.1	16.346	14.2	2.5	0.1	2.6	2.9
23	12.0		14.2	91.5	14.885	12.9	39.4	2.2	41.6	0.1
24	12.0		16.0	89.2	16.138	14.1	8.4	1.8	10.2	2.4
25	12.0	20.5	15.6	86.3	15.515	13.6	26.5	5.4	31.9	4.8
26	12.0	20.0	15.2	85.4	14.894	12.9	20.3	6.6	26.9	0.9
27	12.5	19.0	14.6	89.3	14.894	12.9	1.3	0.7	2.0	0.3
28	11.5	18.0	14.7	90.4	15.216	13.2	25.6	3.1	28.7	1.1
29	11.0	17.0	13.9	90.7	14.381	12.4	0.9	0.0	0.9	2.2
30	11.5	17.0	14.6	90.3	15.054	13.1	8.0	3.9	11.9	1.1
PROM.	11.6		15.6	86.7	15.336	13.3	237.9	121.7	359.6	72.6

ESTACION: EL CEDRAL MUNICIPIO: PEREIRA AÑO: 1.977

ALTITUD: 2.120 LATITUD: 4-47 N. LONGITUD: 75-37 W.

M E S - MAYO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.0	20.0	14.9	90.1	15.198	13.2	0.1	9.8	9.9	4.1
2	11.5	20.3	17.2	83.7	16.210	14.1	0.0	0.0	0.0	2.3
3	12.5	21.0	16.3	86.9	16.453	14.4	47.2	0.0	47.2	2.8
4	13.0	19.0	13.9	91.2	14.438	12.4	12.8	0.0	12.8	4.1
5	12.6	15.5	13.7	85.7	13.417	11.3	9.8	0.0	9.8	0.1
6	10.0	20.3	15.7	83.2	14.713	12.7	0.0	0.0	0.0	2.7
7	10.5	18.0	15.4	91.0	16.053	14.1	0.7	0.0	0.7	0.6
8	13.0	19.2	16.3	91.1	16.645	14.5	0.0	0.0	0.0	2.8
9	12.6	20.0	15.9	82.2	14.869	12.8	0.0	0.0	0.0	2.2
10	12.5	18.2	15.5	87.0	15.423	13.4	0.2	0.2	0.4	0.6
11	13.0	20.2	15.7	86.9	15.609	13.6	0.1	0.0	0.1	2.5
12	13.0	21.0	16.7	83.5	15.903	13.9	0.0	0.0	0.0	2.9
13	11.5	21.5	16.5	87.5	16.184	14.1	0.0	0.0	0.0	2.6
14	12.0	19.5	15.0	88.8	15.206	13.2	1.3	0.0	1.3	0.1
15	12.0	20.0	14.9	90.5	15.605	13.6	1.9	0.0	1.9	0.2
16	9.5	19.5	15.1	92.9	15.680	13.6	1.1	0.0	1.1	2.9
17	12.0	19.5	15.8	88.0	15.878	13.9	0.0	0.0	0.0	2.4
18	11.5	21.5	15.3	80.7	14.261	12.1	3.5	4.9	8.4	4.2
19	10.5	23.0	16.0	86.8	15.577	13.5	2.3	0.2	2.5	4.8
20	13.0	18.5	15.6	91.9	16.373	14.4	0.9	0.0	0.9	0.5
21	10.5	18.2	15.7	85.7	15.025	12.9	0.0	0.1	0.1	0.4
22	11.5	19.3	15.1	91.8	15.741	13.7	10.0	0.6	10.6	1.0
23	12.0	18.0	14.8	84.4	14.297	12.3	7.9	0.8	8.7	0.3
24	12.0	20.0	15.5	89.8	15.684	13.6	0.0	0.0	0.0	3.1
25	11.5	18.5	14.7	90.3	15.035	13.0	0.9	0.0	0.9	0.3
26	10.5	18.5	14.9	90.9	15.214	13.2	1.5	0.0	1.5	1.6
27	12.0	18.5	14.3	91.4	14.803	12.8	12.8	0.0	12.8	0.3
28	10.5	17.0	14.5	94.7	15.706	13.7	7.9	0.4	8.3	0.4
29	12.0	19.2	15.6	88.1	15.491	13.5	0.0	0.0	0.0	1.5
30	11.5	20.5	16.2	85.5	15.544	13.5	0.0	0.0	0.0	1.4
31	11.0	20.0	14.4	90.8	14.819	12.8	0.0	0.0	0.0	0.8
PROM.	11.7	19.5	15.4	88.2	15.389	13.3	122.9	17.0	139.9	56.5

M E S - JUNIO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	10.5	17.5	13.6	90.0	13.958	11.9	13.5	28.9	42.4	1.3
2	12.0	18.5	14.1	88.3	14.361	12.4	4.4	0.0	4.4	0.3
3	11.0	19.5	14.9	85.7	14.369	12.3	0.0	0.0	0.0	2.1
4	10.0	20.5	14.9	86.2	14.799	12.7	14.2	0.0	14.2	1.1
5	10.0	21.0	15.4	84.5	14.634	12.6	0.0	0.0	0.0	4.1
6	10.5	20.5	16.0	85.0	15.540	13.4	0.0	0.0	0.0	3.8
7	12.0	16.5	14.3	94.0	15.236	13.3	32.0	4.8	36.8	0.0
8	12.5	18.0	15.7	88.3	15.672	13.7	0.0	0.0	0.0	1.7
9	11.5	19.5	14.3	85.9	13.977	11.9	0.1	0.0	0.1	2.4
10	10.0	18.0	14.8	89.1	15.201	13.2	15.8	0.0	15.8	0.5
11	10.0	19.5	14.3	89.8	14.326	12.2	0.1	8.2	8.3	2.8
12	11.0	17.0	13.9	90.2	14.182	12.2	20.0	1.5	21.5	0.5
13	11.0	19.0	15.1	87.9	14.956	13.0	0.8	4.1	4.9	2.7
14	11.5	18.0	15.0	87.5	14.705	12.7	2.0	0.0	2.0	1.2
15	10.0	21.5	15.0	81.4	13.694	11.6	0.0	0.0	0.0	7.1
16	11.0	20.0	16.2	87.2	15.830	13.7	0.0	1.0	1.0	3.6
17	12.0	21.5	15.7	79.8	14.136	12.1	1.5	0.1	1.6	6.1
18	11.5	18.5	15.2	86.0	14.932	12.9	1.3	0.8	2.1	2.4
19	11.5	20.0	15.5	84.6	14.952	13.0	0.0	0.0	0.0	2.9
20	11.0	18.0	15.4	89.6	15.600	13.6	3.4	0.0	3.4	0.9
21	12.0	18.5	14.9	88.7	15.291	13.3	14.7	0.0	14.7	0.9
22	10.0	21.0	14.9	82.4	13.938	11.8	0.0	0.0	0.0	7.0
23	10.5	21.5	16.5	79.2	14.613	12.5	0.0	0.0	0.0	3.9
24	11.3	19.5	16.5	84.9	15.981	14.0	0.0	0.0	0.0	1.4
25	11.5	22.0	16.8	83.4	15.805	13.8	0.1	0.0	0.1	4.2
26	11.5	20.5	16.3	81.9	15.202	13.2	0.2	0.0	0.2	2.5
27	10.2	21.5	15.0	80.6	13.750	11.6	7.2	0.0	7.2	6.0
28	10.5	19.0	14.9	88.3	14.872	12.8	0.4	0.0	0.4	1.0
29	11.5	19.5	14.7	90.0	15.194	13.2	9.8	0.0	9.8	0.6
30	12.0	18.0	14.2	88.1	14.248	12.2	1.7	26.6	28.3	2.0
PROM.	11.1	19.5	15.1	85.3	14.798	12.8	143.2	76.0	219.2	77.2

ESTACION: EL CEDRAL MUNICIPIO: PEREIRA AÑO: 1.977

ALTITUD: 2.120 LATITUD: 4-47 N. LONGITUD: 75-37 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.0	18.5	14.9	85.7	14.331	12.3	7.0	0.0	7.0	1.1
2	9.5	19.5	15.8	91.1	16.674	13.9	0.2	0.0	0.2	3.6
3	11.5	19.0	15.4	85.0	14.807	12.8	0.0	0.0	0.0	3.6
4	11.5	21.5	15.3	84.2	14.493	12.5	0.3	0.0	0.3	2.2
5	10.5	20.0	15.4	80.5	14.103	12.0	0.0	4.7	4.7	1.8
6	12.5	17.5	15.1	90.2	15.378	13.4	0.1	6.0	6.1	0.4
7	12.0	18.0	14.7	87.0	14.822	12.8	15.8	0.0	15.8	0.5
8	11.0	21.0	16.3	84.0	15.360	13.3	0.0	0.0	0.0	4.8
9	10.0	18.5	14.4	83.5	13.766	11.7	2.2	0.1	2.3	2.6
10	11.0	19.5	15.8	84.7	14.930	12.9	0.0	0.0	0.0	2.2
11	10.0	21.0	16.6	73.8	13.579	11.3	0.1	0.0	0.1	8.6
12	12.0	19.0	14.7	85.9	14.592	12.6	0.0	0.1	0.1	0.4
13	10.5	21.5	15.9	78.2	13.976	12.0	0.0	0.0	0.0	7.7
14	13.0	19.5	15.2	84.8	15.092	13.1	2.9	0.0	2.9	0.8
15	12.0	18.5	14.3	89.9	15.059	13.0	2.0	1.1	3.1	0.6
16	11.0	19.6	14.9	85.7	14.845	12.8	0.0	0.0	0.0	4.5
17	11.6	22.5	16.0	76.9	13.869	11.8	0.0	0.0	0.0	5.8
18	12.0	20.5	15.9	78.3	14.337	12.3	0.0	0.0	0.0	7.0
19	10.5	20.9	15.3	81.8	14.228	12.0	0.0	0.0	0.0	3.8
20	12.0	22.0	16.3	72.1	12.937	10.4	0.0	0.0	0.0	5.7
21	10.5	23.0	16.3	78.0	14.298	12.2	0.0	0.0	0.0	9.6
22	9.5	21.5	15.7	79.5	14.381	12.3	0.0	0.0	0.0	5.0
23	11.5	21.0	15.7	80.5	14.376	12.3	0.0	0.2	0.2	4.0
24	12.0	21.5	15.4	77.5	13.661	11.6	1.0	0.0	1.0	4.4
25	11.5	19.5	15.0	89.8	15.405	13.4	0.4	0.0	0.4	1.9
26	12.5	19.0	15.1	84.9	14.578	12.6	0.0	5.7	5.7	1.4
27	13.0	16.0	13.3	92.6	14.242	12.2	17.0	0.0	17.0	0.2
28	11.0	23.0	15.3	63.4	10.637	7.8	0.0	0.0	0.0	9.4
29	11.0	24.0	16.3	71.0	13.139	11.0	0.0	0.0	0.0	9.8
30	11.5	22.0	16.0	80.1	14.374	12.3	0.0	0.9	0.9	5.8
31	11.0	18.5	14.3	85.4	14.003	12.0	0.5	6.3	6.8	1.4
PROM.	11.3	20.2	15.4	82.1	14.312	12.2	49.5	25.1	74.6	120.8

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.0	18.0	14.4	91.4	15.111	13.1	2.4	0.0	2.4	2.4
2	11.0	21.5	15.9	82.9	15.092	13.1	0.0	0.0	0.0	8.2
3	10.5	21.0	15.3	83.0	14.154	12.0	0.3	0.0	0.3	3.4
4	12.0	20.0	15.2	84.6	14.639	12.6	0.4	0.0	0.4	1.8
5	12.0	19.0	15.0	86.1	14.668	12.7	0.0	0.0	0.0	1.8
6	12.0	17.5	14.0	90.0	14.711	12.7	11.9	0.8	12.7	0.5
7	12.0	17.5	13.9	95.4	15.354	13.4	16.2	5.1	21.3	0.5
8	12.0	16.5	14.2	94.2	15.325	13.4	8.7	0.1	8.8	0.6
9	11.0	17.5	13.9	95.8	14.987	13.0	0.0	0.0	0.0	1.0
10	10.5	19.5	14.9	84.4	14.238	12.2	0.3	0.0	0.3	4.8
11	11.5	19.8	14.8	81.3	13.710	11.7	7.3	0.0	7.3	6.2
12	10.0	19.5	12.7	89.3	13.345	11.2	2.2	0.9	3.1	2.9
13	10.5	19.5	15.0	86.4	14.632	12.7	5.3	2.6	7.9	5.1
14	11.6	18.0	13.7	92.0	14.696	12.7	0.0	0.0	0.0	3.0
15	12.0	20.0	15.0	91.7	15.749	13.7	3.1	4.1	7.2	4.5
16	12.0	18.1	14.9	89.7	15.147	13.1	0.9	0.0	0.9	1.2
17	10.0	20.0	14.9	86.0	14.571	12.5	0.0	0.0	0.0	5.0
18	10.5	20.0	14.9	80.3	13.541	11.4	0.0	0.0	0.0	5.2
19	9.5	18.5	14.4	83.5	13.820	11.7	0.3	0.4	0.7	3.8
20	11.5	17.0	13.7	93.6	14.894	12.9	33.4	8.3	41.7	0.6
21	11.0	18.0	14.3	90.2	14.700	12.6	17.1	0.0	17.1	1.4
22	11.0	21.0	15.1	84.7	14.630	12.6	1.4	0.0	1.4	4.1
23	10.0	22.5	15.3	80.4	13.909	11.8	0.0	0.0	0.0	8.3
24	10.0	20.5	14.9	83.0	14.172	12.0	0.0	0.0	0.0	4.7
25	11.0	21.0	15.8	78.8	14.263	12.2	0.0	0.0	0.0	6.4
26	11.0	20.5	14.9	83.8	14.606	12.6	1.5	0.0	1.5	2.1
27	11.0	19.0	14.4	86.8	14.507	12.4	0.0	0.0	0.0	5.6
28	11.0	21.5	16.4	78.1	14.501	12.5	0.0	0.0	0.0	4.2
29	11.8	20.5	16.3	77.2	14.065	12.0	0.0	0.0	0.0	3.8
30	11.5	21.0	16.7	84.0	15.732	13.7	0.3	0.1	0.4	3.7
31	12.0	21.0	16.0	84.1	15.497	13.5	0.0	0.0	0.0	2.4
PROM.	11.1	19.5	14.9	86.2	14.612	12.6	113.0	22.4	135.4	107.2

ESTACION: EL CEDRAL MUNICIPIO: PEREIRA AÑO: 1.977

ALTITUD: 2.120 LATITUD: 4-47 N. LONGITUD: 75-37 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.3	22.5	16.2	67.5	11.852	9.2	0.0	0.0	0.0	8.9
2	12.5	22.5	16.5	69.0	12.570	10.0	0.0	0.0	0.0	7.6
3	12.0	20.5	13.9	88.5	14.347	12.3	1.3	0.2	1.5	3.6
4	10.0	20.5	14.0	84.8	13.512	11.4	2.5	0.5	3.0	4.9
5	12.0	22.0	17.2	58.7	10.972	8.1	0.0	0.0	0.0	6.3
6	10.5	23.5	16.1	62.1	10.691	7.8	0.0	0.0	0.0	9.1
7	11.5	23.5	16.6	64.3	11.843	9.5	0.0	0.0	0.0	9.2
8	12.0	21.0	16.9	78.8	15.427	13.4	0.0	0.0	0.0	1.2
9	11.4	21.0	16.7	79.2	14.945	12.9	0.0	0.0	0.0	4.2
10	12.6	22.0	17.3	66.2	12.457	9.7	0.0	0.0	0.0	2.4
11	12.5	22.0	16.9	79.8	14.987	13.0	0.0	0.0	0.0	7.0
12	11.5	19.0	14.0	92.1	14.725	12.8	2.6	1.4	4.0	1.3
13	12.5	21.0	15.4	85.2	15.147	13.1	15.4	2.4	17.8	1.6
14	12.0	18.5	15.3	86.6	15.193	13.2	6.5	0.0	6.5	0.0
15	10.0	19.5	15.4	82.2	14.243	12.2	0.0	0.0	0.0	4.3
16	11.0	21.0	15.4	83.2	14.605	12.6	0.0	0.0	0.0	5.8
17	11.8	20.5	16.1	84.1	15.403	13.4	0.0	0.0	0.0	3.5
18	10.0	19.0	14.5	82.0	13.782	11.6	2.0	1.3	3.3	1.6
19	12.0	20.5	14.0	87.4	14.341	12.2	4.1	0.0	4.1	3.4
20	10.5	19.0	13.9	92.7	14.638	12.6	8.1	0.5	8.6	1.8
21	11.0	17.5	13.9	93.2	14.725	12.7	17.2	11.5	28.7	0.1
22	11.6	19.0	15.1	87.4	15.152	13.2	0.1	0.0	0.1	0.5
23	12.0	21.0	15.7	84.7	15.290	13.3	0.0	0.0	0.0	3.2
24	10.0	20.0	15.2	85.2	14.961	12.9	1.5	0.0	1.5	2.0
25	12.0	19.0	15.7	83.8	15.013	13.0	0.0	22.6	22.6	1.5
26	12.0	16.0	13.8	93.1	14.807	12.8	8.0	0.0	8.0	0.0
27	12.0	15.6	13.8	95.0	15.026	13.0	11.5	14.5	26.0	0.0
28	11.5	19.6	14.1	88.5	14.266	12.3	10.9	0.1	11.0	1.0
29	11.0	17.5	13.9	86.2	13.922	11.9	18.1	0.0	18.1	0.3
30	11.5	18.0	14.2	85.8	14.007	12.0	11.0	0.0	11.0	2.5
PROM.	11.5	20.1	15.3	81.9	14.095	11.9	120.8	55.0	175.8	98.8

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.0	18.0	14.3	89.8	14.624	12.6	4.5	4.3	8.8	1.7
2	11.6	20.0	15.7	82.3	14.612	12.6	0.3	0.0	0.3	2.3
3	10.0	20.6	15.4	81.9	14.371	12.3	0.0	0.0	0.0	3.3
4	11.0	20.0	14.1	90.1	14.721	12.7	14.1	0.9	15.0	2.8
5	12.0	19.5	15.2	87.3	15.163	13.2	0.1	0.0	0.1	1.9
6	11.0	19.0	14.0	87.4	14.145	12.1	2.0	0.0	2.0	1.5
7	10.5	17.5	13.9	91.4	14.556	12.5	17.7	0.2	17.9	0.0
8	13.0	20.5	14.2	90.8	14.982	13.0	7.4	0.7	8.1	3.3
9	12.0	19.0	14.7	91.9	15.266	13.3	1.9	1.7	3.6	1.5
10	12.0	18.5	14.9	84.2	14.403	12.4	4.9	5.9	10.8	0.3
11	12.0	18.5	14.2	93.4	15.184	13.1	21.9	5.0	26.9	1.6
12	12.5	18.0	14.3	89.4	14.890	12.9	1.3	1.0	2.3	1.0
13	11.5	19.0	14.7	80.6	13.895	11.7	23.4	0.0	23.4	0.5
14	10.5	19.0	14.6	85.5	14.168	12.1	1.1	0.1	1.2	2.8
15	11.0	19.0	13.4	92.6	14.111	12.1	32.7	0.0	32.7	2.9
16	12.0	20.0	14.9	80.3	13.570	11.1	0.0	0.0	0.0	3.4
17	11.0	20.0	14.8	88.7	15.125	13.1	0.0	0.6	0.6	2.2
18	11.0	20.5	15.0	82.1	14.340	12.3	24.0	8.9	32.9	3.8
19	10.0	21.0	14.4	88.1	14.614	12.6	22.6	2.2	24.8	2.2
20	13.0	21.5	16.0	87.8	16.242	14.2	0.0	0.4	0.4	2.3
21	12.0	22.5	15.9	82.3	14.839	12.9	0.0	0.0	0.0	2.0
22	12.0	20.0	14.6	90.6	15.186	13.2	1.7	0.0	1.7	2.3
23	11.0	20.6	15.3	87.1	15.239	13.2	14.9	0.0	14.9	1.8
24	13.0	18.6	14.9	94.8	16.004	14.0	9.9	1.0	10.9	1.7
25	11.0	20.0	14.4	94.7	15.590	13.6	10.8	0.0	10.8	3.3
26	10.5	17.0	13.3	95.6	14.555	12.6	8.2	0.0	8.2	0.0
27	11.5	18.5	13.6	86.9	13.671	11.6	12.9	0.0	12.9	0.8
28	11.0	19.0	12.8	93.2	13.747	11.7	59.1	1.5	60.6	2.0
29	11.5	19.0	16.5	91.2	16.647	14.5	0.9	0.0	0.9	2.6
30	10.0	18.0	12.6	89.8	13.258	11.1	13.2	0.0	13.2	2.1
31	10.0	19.0	12.9	92.1	13.702	11.6	21.0	0.0	21.0	3.4
PROM.	11.4	19.4	14.5	88.5	14.685	12.6	332.5	34.4	366.9	63.3

ESTACION: EL CEDRAL MUNICIPIO: PEREIRA AÑO: 1.977

ALTITUD: 2.120 LATITUD: 4-47 N. LONGITUD: 75-37 W.

M E S – NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.0	20.0	14.2	85.2	14.092	12.0	18.3	0.0	18.3	2.7
2	10.0	19.5	12.7	90.9	13.293	11.1	48.1	0.0	48.1	3.8
3	11.0	22.0	15.4	87.1	15.471	13.4	1.7	0.6	2.3	4.4
4	12.5	18.0	14.1	95.1	15.595	13.6	55.4	0.0	55.4	0.2
5	11.0	18.6	13.8	92.6	14.576	12.5	12.6	0.0	12.6	1.5
6	12.5	18.0	14.9	89.5	15.363	13.4	13.3	0.0	13.3	1.5
7	12.5	17.3	14.4	92.1	15.233	13.2	13.9	5.0	18.9	0.8
8	12.0	17.5	14.5	89.1	14.624	12.6	3.4	0.0	3.4	2.3
9	11.0	21.0	14.5	88.3	14.867	12.8	1.4	0.0	1.4	2.9
10	10.5	17.5	14.1	91.8	14.756	12.7	28.4	0.0	28.4	0.4
11	11.5	17.0	14.7	91.9	15.522	13.6	8.8	3.8	12.6	0.8
12	12.0	18.0	14.3	90.9	14.852	12.9	10.0	0.0	10.0	0.4
13	11.0	16.5	13.8	94.0	14.922	12.9	25.6	5.9	31.5	0.0
14	11.0	19.0	14.7	86.1	14.508	12.5	0.0	0.0	0.0	4.1
15	10.0	20.5	15.0	81.3	13.666	11.6	0.0	0.0	0.0	6.4
16	10.0	19.5	14.8	86.2	14.680	12.6	7.4	0.3	7.7	3.1
17	12.5	18.5	14.7	91.2	15.529	13.5	9.5	2.3	11.8	1.2
18	12.0	16.5	13.6	95.3	15.060	13.1	16.9	0.0	16.9	1.0
19	10.0	18.0	13.8	92.3	14.664	12.7	8.6	0.0	8.6	3.0
20	9.5	20.0	14.3	85.2	13.984	11.8	1.0	0.1	1.1	3.8
21	9.5	20.5	15.7	81.5	14.473	12.3	0.0	0.0	0.0	3.4
22	9.5	19.4	14.1	87.2	14.152	12.0	3.6	0.0	3.6	2.3
23	10.0	19.4	14.5	74.6	12.696	9.7	2.0	0.0	2.0	2.6
24	10.0	19.6	14.5	86.5	14.370	12.3	0.0	0.0	0.0	3.5
25	10.5	19.0	14.9	81.9	13.948	11.8	0.3	0.0	0.3	2.4
26	11.0	18.0	14.5	86.8	14.438	12.4	8.5	0.1	8.6	0.9
27	11.0	20.0	15.6	84.9	14.782	12.7	0.0	0.0	0.0	3.8
28	11.0	20.0	15.9	82.0	14.777	12.7	0.0	0.0	0.0	1.6
29	10.0	20.0	15.3	83.8	14.606	12.5	0.0	0.0	0.0	3.2
30	9.0	19.8	14.6	81.8	13.698	11.5	0.0	0.0	0.0	2.8
PROM.	10.8	19.0	14.5	87.6	14.573	12.5	298.7	18.1	316.8	70.8

M E S – DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	9.5	19.5	14.4	80.3	13.379	11.0	2.3	0.0	2.3	3.6
2	10.0	18.0	14.6	84.0	14.091	12.0	2.6	1.4	4.0	2.5
3	12.5	19.5	16.2	69.7	16.437	14.3	0.3	0.0	0.3	2.0
4	11.0	20.5	15.0	88.8	15.401	13.3	10.7	0.0	10.7	3.0
5	9.0	19.8	14.4	81.4	13.598	11.3	0.1	0.0	0.1	2.1
6	10.0	19.5	15.0	82.6	14.187	12.2	0.0	0.0	0.0	2.5
7	11.5	18.5	14.7	87.7	14.860	12.8	0.4	0.0	0.4	1.8
8	10.0	20.0	14.4	87.6	14.507	12.3	7.8	0.0	7.8	4.5
9	10.5	19.0	13.8	86.1	14.007	11.9	7.9	0.0	7.9	2.0
10	10.0	21.0	15.3	86.7	15.438	13.3	12.5	0.0	12.5	2.5
11	10.0	20.0	14.3	88.7	14.756	12.7	30.0	0.0	30.0	3.0
12	10.5	20.5	14.0	88.4	14.414	12.3	35.3	3.0	38.3	2.5
13	10.5	17.0	13.7	89.0	14.119	12.1	0.0	0.0	0.0	0.6
14	12.4	20.5	15.8	86.0	15.937	13.9	0.4	0.5	0.9	3.5
15	9.5	19.5	14.6	82.9	13.701	11.5	0.4	0.0	0.4	2.8
16	10.0	19.0	15.1	86.1	14.862	12.7	0.0	0.0	0.0	2.1
17	9.5	20.0	15.2	82.0	14.180	11.9	0.0	0.0	0.0	3.7
18	9.5	20.0	15.0	84.5	14.388	12.2	0.0	0.0	0.0	3.9
19	11.0	19.8	14.7	82.0	13.599	11.5	0.5	0.0	0.5	2.7
20	9.5	20.2	14.3	81.9	13.412	11.2	4.0	0.0	4.0	4.7
21	10.0	21.5	15.1	84.7	14.504	12.4	0.0	0.0	0.0	6.4
22	10.0	21.0	16.1	81.3	14.780	12.6	0.0	0.0	0.0	3.2
23	12.0	22.5	16.1	78.0	14.111	12.1	0.0	0.0	0.0	7.1
24	11.5	20.5	15.3	81.4	14.469	12.3	21.2	0.0	21.2	1.9
25	10.5	19.0	15.3	86.6	15.185	13.1	0.0	0.0	0.0	1.1
26	11.0	19.5	14.7	81.0	14.013	11.9	0.0	0.0	0.0	0.1
27	10.5	19.0	14.5	84.0	14.034	11.9	8.5	14.5	23.0	0.0
28	12.0	18.0	14.3	83.6	13.647	11.5	3.5	0.0	3.5	0.6
29	12.0	17.5	13.4	91.1	14.078	12.1	6.5	4.5	11.0	0.5
30	10.0	18.5	14.3	88.8	14.351	12.3	0.0	0.0	0.0	2.5
31	9.0	21.0	15.2	85.5	14.936	12.7	25.0	0.0	25.0	4.5
PROM.	10.5	19.7	14.8	84.9	14.432	12.3	179.9	23.9	203.8	83.9

ESTACION: EL CEDRAL MUNICIPIO PEREIRA AÑO: 1.977

ALTITUD: 2.120 LATITUD: 4-47 N. LONGITUD: 75-37 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	10.0		15.8	9.0		79.0	14.069	11.9	28.6	6	139.1
FEBRERO	10.6		15.5	9.0		83.9	14.742	12.6	73.0	17	93.4
MARZO	11.4	21.0	15.9	10.0	24.2	82.2	14.770	12.7	176.4	16	111.5
ABRIL	11.6		15.6	9.5		86.7	15.336	13.3	359.6	25	72.6
MAYO	11.7	19.5	15.4	9.5	23.0	88.2	15.389	13.3	139.9	20	56.5
JUNIO	11.1	19.5	15.1	10.0	22.0	86.3	14.798	12.8	219.2	21	77.2
JULIO	11.3	20.2	15.4	9.5	24.0	82.1	14.312	12.2	74.6	18	120.8
AGOSTO	11.1	19.5	14.9	9.5	22.5	86.2	14.612	12.6	135.4	18	107.2
SEPTIEMBRE	11.5	20.1	15.3	10.0	23.5	81.9	14.095	11.9	175.8	17	98.8
OCTUBRE	11.4	19.4	14.5	10.0	22.5	88.5	14.685	12.6	366.9	28	63.3
NOVIEMBRE	10.8	19.0	14.5	9.0	22.0	87.6	14.573	12.5	316.8	22	70.8
DICIEMBRE	10.5	19.7	14.8	9.0	22.5	84.9	14.432	12.3	203.8	20	83.9
PROMEDIO	11.1		15.2	9.5	23.0	1.5	14.651	12.6			
TOTAL									2270.0	228	1095.1

ESTACION: LA JOYA MUNICIPIO: PEREIRA AÑO: 1.977

ALTITUD: 1.250 LATITUD: 4-46 N. LONGITUD: 75-47 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	30.6	22.8	76.6	20.936	18.2	0.0	0.0	0.0	8.0
2	16.5	30.6	21.8	77.9	20.178	17.6	1.7	0.0	1.7	8.1
3	16.3	31.8	22.7	72.7	19.320	17.0	0.1	0.0	0.1	9.1
4	15.9	32.3	22.4	71.7	18.750	16.5	0.1	0.0	0.1	9.2
5	15.0	32.7	22.5	69.4	17.900	15.7	0.0	0.0	0.0	9.1
6	13.6	32.2	21.6	68.5	16.498	14.5	0.0	0.0	0.0	9.3
7	15.0	31.0	22.0	71.5	17.841	15.7	0.1	0.0	0.1	8.6
8	14.5	32.5	22.6	60.9	15.613	13.5	0.1	0.0	0.1	9.4
9	14.9	31.9	22.4	70.9	18.313	16.1	0.0	0.0	0.0	9.3
10	15.0	31.2	22.0	71.8	18.268	16.1	0.0	0.0	0.0	7.9
11	15.0	31.4	22.1	71.1	18.186	16.0	0.0	0.0	0.0	9.0
12	15.2	32.0	22.7	67.8	17.612	15.5	0.0	0.0	0.0	9.4
13	14.0	31.5	22.8	70.7	18.712	16.5	0.0	0.0	0.0	8.0
14	14.8	32.5	23.4	67.9	18.401	16.2	0.0	0.0	0.0	8.1
15	16.4	33.3	24.5	69.4	20.406	17.8	0.0	0.0	0.0	9.2
16	17.0	33.0	22.7	76.1	20.980	18.3	4.0	0.0	4.0	7.7
17	16.0	32.5	22.9	76.7	20.927	18.2	0.6	0.4	1.0	8.1
18	17.0	30.6	22.2	81.0	21.900	18.9	0.0	0.0	0.0	3.8
19	16.0	31.9	22.1	79.9	21.048	18.3	6.2	6.3	6.5	7.6
20	16.0	33.6	23.5	70.7	19.409	17.0	0.0	0.0	0.0	9.1
21	15.0	32.8	23.6	68.1	18.401	16.2	0.0	0.0	0.0	9.3
22	15.5	32.9	23.4	69.9	19.284	16.9	0.0	0.1	0.1	9.5
23	17.8	29.9	21.5	82.4	21.200	18.4	0.0	0.0	0.0	1.8
24	18.0	29.4	23.0	77.0	21.032	18.3	0.0	0.0	0.0	5.7
25	15.2	31.0	22.0	75.7	19.440	17.0	0.1	9.1	9.2	8.0
26	17.9	29.1	22.9	76.9	21.137	18.4	0.0	0.0	0.0	5.4
27	17.0	30.8	22.9	74.7	20.497	17.9	0.1	0.0	0.1	8.6
28	17.0	31.0	23.6	70.0	19.706	17.3	0.0	11.2	11.2	8.5
29	18.5	29.5	22.6	76.5	20.791	18.1	0.1	0.0	0.1	7.8
30	18.4	30.0	22.6	77.2	20.876	18.2	0.0	0.0	0.0	6.2
31	17.0	28.5	22.3	74.1	19.496	17.1	0.0	0.0	0.0	7.1
PROM.	16.1	31.4	22.6	73.1	19.453	17.0	7.2	27.1	34.3	245.9

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	29.0	21.8	79.3	20.596	17.9	0.0	0.0	0.0	3.9
2	15.6	30.2	22.7	72.5	19.731	17.3	0.1	0.0	0.1	6.8
3	16.0	31.5	21.4	75.2	18.810	16.5	0.7	0.0	0.7	8.6
4	15.0	31.0	22.6	71.2	18.668	16.4	0.0	0.0	0.0	9.0
5	14.0	30.5	21.1	78.1	18.959	16.6	0.0	0.0	0.0	7.6
6	14.5	29.5	23.2	70.5	18.774	16.5	0.1	0.0	0.1	6.9
7	16.0	26.9	21.3	79.8	19.863	17.4	0.0	0.0	0.0	1.8
8	16.0	32.7	23.5	70.6	19.857	17.4	0.0	0.0	0.0	7.7
9	16.0	29.5	22.5	77.6	20.749	18.0	0.0	0.0	0.0	2.5
10	16.0	31.6	23.7	68.0	18.957	16.6	0.0	0.0	0.0	7.3
11	16.4	31.8	22.4	78.5	21.150	18.3	0.0	1.2	1.2	6.2
12	17.0	25.5	20.6	85.6	21.013	18.3	3.3	0.0	3.3	1.7
13	16.6	30.6	22.5	74.5	19.686	17.2	0.0	0.0	0.0	6.6
14	17.0	30.4	21.7	75.3	19.141	16.8	0.0	0.0	0.0	5.9
15	15.0	30.0	20.6	85.8	20.773	18.1	1.4	0.0	1.4	7.1
16	17.5	29.4	22.9	76.6	21.212	18.5	0.3	0.0	0.3	4.1
17	17.0	29.0	22.8	76.2	20.960	18.2	0.1	0.0	0.1	4.8
18	17.0	31.0	23.7	72.5	20.449	17.8	0.0	0.0	0.0	7.7
19	17.0	27.0	20.4	84.9	20.544	17.9	0.7	0.0	0.7	1.5
20	16.0	30.0	20.9	80.5	20.039	17.5	6.0	0.5	6.5	6.0
21	16.0	30.0	22.4	75.4	19.861	17.4	0.0	0.0	0.0	6.8
22	16.5	29.0	22.3	72.5	19.270	16.9	0.0	0.0	0.0	6.3
23	14.0	32.2	23.4	67.0	18.226	16.0	0.0	0.0	0.0	9.3
24	16.0	29.8	22.2	76.8	20.218	17.7	0.4	0.0	0.4	3.8
25	17.5	30.5	23.1	72.6	19.983	17.5	0.0	0.4	0.4	5.1
26	17.0	31.5	23.4	69.5	19.346	17.0	0.0	0.0	0.0	8.2
27	16.0	28.5	22.3	76.8	20.337	17.7	0.0	0.0	0.0	4.8
28	15.0	31.5	22.3	74.1	19.315	16.9	0.0	0.0	0.0	7.2
PROM.	16.1	30.0	22.3	75.6	19.875	17.4	13.1	2.1	15.2	165.2

ESTACION: LA JOYA MUNICIPIO: PEREIRA AÑO: 1.977

ALTITUD: 1.250 LATITUD: 4-46 N. LONGITUD: 75-47 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	31.5	23.7	70.7	20.010	17.5	0.0	0.0	0.0	4.1
2	15.9	32.5	24.3	68.4	19.451	17.1	0.0	0.0	0.0	9.2
3	16.0	33.5	23.3	72.2	20.007	17.5	13.3	0.0	13.3	6.9
4	15.0	32.0	22.6	73.4	19.417	17.0	0.0	0.0	0.0	8.9
5	15.9	33.0	24.5	68.0	19.418	17.0	0.1	0.0	0.1	8.2
6	17.0	32.6	25.0	69.1	20.675	18.0	0.0	0.0	0.0	7.3
7	16.6	33.6	24.0	64.1	18.145	15.9	0.2	0.0	0.2	8.0
8	13.5	34.0	24.3	55.8	15.126	13.1	0.1	0.0	0.1	6.1
9	14.3	33.5	25.0	64.2	18.111	15.9	0.0	0.0	0.0	9.0
10	16.5	34.0	25.6	61.8	18.838	16.5	0.1	0.0	0.1	7.9
11	17.5	33.0	22.6	75.5	20.150	17.6	1.4	0.0	1.4	4.6
12	16.4	32.0	21.7	75.7	19.173	16.8	8.7	0.1	8.8	5.3
13	16.0	29.0	22.5	75.1	20.165	17.6	0.0	0.0	0.0	3.5
14	16.0	30.5	22.6	72.5	19.676	17.3	0.0	0.0	0.0	5.9
15	16.0	31.6	24.2	69.1	20.256	17.7	0.0	0.0	0.0	4.1
16	17.0	29.0	21.9	80.8	21.509	18.6	1.5	0.0	1.5	1.7
17	16.0	33.0	22.1	77.0	20.490	17.9	6.2	0.0	6.2	4.8
18	16.0	32.5	22.9	74.6	20.362	17.8	0.1	6.2	6.3	8.6
19	17.0	26.5	21.7	84.4	21.687	18.7	0.1	0.0	0.1	3.2
20	16.0	32.5	24.3	69.8	20.426	17.8	0.0	0.0	0.0	7.0
21	16.0	31.5	22.4	75.9	20.187	17.6	1.3	0.3	1.6	6.2
22	18.5	30.0	23.5	74.2	20.986	18.3	0.1	6.1	6.2	1.4
23	18.9	29.0	22.4	79.9	21.450	18.6	0.3	28.4	28.7	4.1
24	18.0	29.5	23.9	74.7	21.605	18.7	0.0	0.0	0.0	5.8
25	17.5	28.5	22.1	82.9	21.928	19.0	0.0	0.0	0.0	3.0
26	17.0	32.0	25.1	71.1	21.563	18.7	0.0	0.0	0.0	8.4
27	18.0	31.0	23.7	74.0	21.307	18.5	0.0	0.3	0.3	3.0
28	18.0	25.5	19.7	89.9	20.972	18.3	6.8	1.1	7.9	1.1
29	17.0	30.0	23.4	74.7	20.916	18.2	0.0	24.9	24.9	6.9
30	17.5	27.5	21.2	84.7	21.790	18.9	18.4	0.3	18.7	2.4
31	16.8	26.5	20.3	87.0	20.684	18.0	6.9	6.4	13.3	1.8
PROM.	16.6	31.0	23.1	73.9	20.209	17.6	65.6	74.1	139.7	168.4

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	28.5	22.0	77.4	20.304	17.7	0.0	3.4	3.4	7.7
2	18.0	30.0	22.1	77.4	20.339	17.8	0.2	2.1	2.3	5.7
3	17.8	29.0	21.6	77.3	20.059	17.6	0.3	2.2	2.5	6.1
4	17.0	25.0	20.6	84.5	20.723	18.0	0.0	0.0	0.0	1.3
5	14.5	30.4	21.7	73.5	18.360	16.2	0.2	0.0	0.2	9.0
6	14.0	32.0	22.9	69.9	18.344	16.1	0.1	0.0	0.1	9.0
7	15.5	31.0	23.5	69.5	19.342	16.9	0.0	2.4	2.4	7.7
8	18.0	30.5	21.6	80.9	21.264	18.5	3.2	0.0	3.2	5.8
9	14.0	30.5	22.8	72.5	19.254	16.9	0.0	0.0	0.0	8.0
10	16.4	31.0	23.5	71.8	20.395	17.8	0.4	0.0	0.4	6.1
11	17.0	31.0	23.6	76.3	21.636	18.7	0.4	3.3	3.7	5.9
12	18.0	28.0	23.2	80.5	22.807	19.6	0.0	0.0	0.0	1.9
13	15.5	31.5	24.1	76.5	22.242	19.2	0.2	0.0	0.2	6.3
14	19.0	26.0	22.9	85.0	23.470	20.1	0.7	0.0	0.7	0.8
15	18.5	32.3	24.1	74.6	22.411	19.3	0.0	0.0	0.0	7.1
16	16.5	27.5	22.6	78.4	21.811	18.9	0.3	0.0	0.3	0.3
17	19.0	28.0	21.8	84.6	22.222	19.2	1.3	0.0	1.3	2.6
18	15.5	31.5	24.6	71.3	20.920	18.2	0.1	0.0	0.1	8.1
19	17.0	29.3	23.2	75.4	21.161	18.3	0.0	0.0	0.0	2.4
20	16.0	31.6	24.3	71.6	20.981	18.3	0.0	0.0	0.0	7.2
21	19.0	25.5	21.4	84.3	21.870	18.9	0.0	0.0	0.0	0.0
22	15.0	31.5	23.2	76.7	21.157	18.3	0.5	23.6	24.1	5.3
23	17.5	22.0	19.7	89.3	20.590	17.9	7.8	0.6	8.4	0.0
24	16.5	29.9	21.3	81.9	20.603	18.0	0.0	0.0	0.0	5.3
25	17.0	31.8	23.6	73.0	20.447	17.8	0.0	0.0	0.0	8.7
26	17.5	29.9	22.5	80.0	21.716	18.8	1.0	47.5	48.5	2.6
27	17.6	29.6	21.5	83.4	21.356	18.5	1.2	8.6	9.8	3.9
28	16.5	29.3	21.7	79.8	20.909	18.2	0.0	0.0	0.0	3.8
29	16.5	29.8	21.3	80.6	20.560	17.9	15.7	3.9	19.6	4.3
30	17.6	28.8	21.9	80.3	20.824	18.1	5.0	0.0	5.0	4.3
PROM.	16.8	29.4	22.5	77.9	20.936	18.2	38.6	97.6	136.2	147.2

ESTACION: LA JOYA MUNICIPIO: PEREIRA AÑO: 1.977

ALTITUD: 1.250 LATITUD: 4-46 N. LONGITUD: 75-47 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	31.5	22.1	78.3	20.367	17.7	0.1	0.3	0.4	8.7
2	18.4	30.8	23.7	73.3	21.118	18.4	0.0	0.0	0.0	7.0
3	18.5	31.7	23.6	74.8	21.953	19.0	0.0	2.9	2.9	7.1
4	16.5	30.8	21.2	79.0	20.113	17.6	30.5	4.8	35.3	5.6
5	17.0	26.9	20.4	86.1	21.136	18.3	6.3	0.0	6.3	2.4
6	15.0	29.9	22.1	81.0	21.139	18.3	0.0	0.0	0.0	7.5
7	17.0	28.9	22.6	78.4	21.324	18.5	0.0	0.3	0.3	5.8
8	17.0	31.4	22.9	81.7	22.375	19.2	0.1	0.0	0.1	5.4
9	17.6	29.6	21.9	84.5	22.361	19.3	0.0	0.0	0.0	4.0
10	17.5	29.9	23.4	79.4	22.700	19.5	0.1	0.1	0.2	3.3
11	19.0	28.3	22.2	85.2	22.665	19.6	0.2	9.5	9.7	3.2
12	16.5	29.5	22.7	82.6	22.405	19.3	0.1	0.0	0.1	5.8
13	17.6	30.6	23.4	79.8	22.520	19.4	0.1	0.0	0.1	5.1
14	18.0	25.8	19.6	94.9	21.826	18.9	5.8	0.0	5.8	0.5
15	16.6	27.6	20.8	82.8	20.474	17.9	2.1	0.0	2.1	2.6
16	17.0	30.8	22.6	79.5	21.585	18.7	0.0	0.0	0.0	8.4
17	17.3	30.6	22.6	77.7	21.354	18.5	0.1	20.8	20.9	6.1
18	16.5	30.7	23.0	79.4	21.877	18.9	0.0	0.0	0.0	7.7
19	16.8	32.0	22.9	76.7	21.459	18.6	0.0	2.8	2.8	7.8
20	19.0	26.1	22.2	85.9	23.042	19.8	0.0	0.0	0.0	0.5
21	18.6	28.8	22.6	84.0	22.978	19.7	0.0	0.1	0.1	2.0
22	17.4	27.3	21.6	83.4	21.572	18.6	0.7	0.4	1.1	1.4
23	18.6	28.5	20.4	91.4	22.453	19.3	20.1	0.2	20.3	2.8
24	17.0	28.8	22.1	82.6	21.866	18.9	0.0	0.0	0.0	4.9
25	17.5	26.8	21.0	87.9	21.667	18.8	0.0	0.0	0.0	0.9
26	17.0	29.9	22.1	80.0	21.421	18.6	3.7	0.0	3.7	4.4
27	17.6	28.6	21.8	83.8	22.020	19.0	0.7	0.0	0.7	2.3
28	17.6	26.5	21.6	85.2	22.009	19.1	2.1	0.6	2.7	1.3
29	18.4	26.3	21.2	87.5	22.315	19.2	0.1	0.0	0.1	0.4
30	17.4	29.9	22.8	82.8	22.568	19.4	0.0	0.0	0.0	4.1
31	17.5	25.8	20.0	91.7	21.785	18.9	1.4	0.0	1.4	1.8
PROM.	17.4	29.1	22.0	82.6	21.827	18.9	74.3	42.8	117.1	130.8

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	27.6	20.9	83.9	20.864	18.2	5.5	23.7	29.2	3.6
2	16.6	28.8	20.4	83.7	20.193	17.6	0.0	0.0	0.0	5.3
3	16.4	30.6	22.4	79.1	21.202	18.4	0.0	0.0	0.0	6.3
4	16.8	28.9	22.1	83.7	22.307	19.2	0.2	0.0	0.2	3.8
5	17.6	27.8	21.3	86.0	21.551	18.7	3.0	0.0	3.0	4.6
6	15.9	29.9	22.7	79.9	21.635	18.7	0.1	57.2	57.3	6.0
7	17.0	24.0	20.3	90.8	21.696	18.8	6.2	27.8	34.0	1.8
8	16.8	28.8	21.0	83.0	20.799	18.1	0.0	0.0	0.0	6.6
9	16.6	29.6	21.6	85.0	21.867	18.9	0.3	0.0	0.3	5.0
10	16.4	29.1	20.7	82.4	20.486	17.8	1.3	52.2	53.5	3.4
11	14.6	29.9	21.8	77.9	19.680	17.2	0.0	4.7	4.7	9.6
12	16.8	25.9	20.1	87.1	20.797	18.1	11.6	0.1	11.7	2.5
13	15.8	27.8	21.0	79.9	19.837	17.3	0.2	1.0	1.2	2.6
14	16.4	28.8	22.1	81.1	21.394	18.6	0.0	0.0	0.0	5.8
15	15.8	31.4	23.4	75.0	21.082	18.3	0.0	0.0	0.0	9.5
16	16.8	29.9	21.6	78.6	20.335	17.7	0.4	0.1	0.5	5.8
17	16.5	31.4	22.4	76.2	20.592	17.9	0.6	0.0	0.6	6.6
18	15.4	29.9	22.5	77.3	21.017	18.3	1.1	0.0	1.1	6.5
19	17.6	28.8	21.3	80.9	20.671	18.0	0.1	0.0	0.1	6.3
20	16.3	27.4	21.4	84.0	21.340	18.5	1.4	0.0	1.4	4.2
21	17.9	29.3	21.3	83.4	21.021	18.3	0.3	0.0	0.3	3.7
22	16.0	29.9	22.0	75.5	19.806	17.3	0.0	0.0	0.0	7.7
23	15.6	31.4	21.9	76.7	19.729	17.3	0.0	0.0	0.0	7.9
24	17.6	29.9	22.5	77.8	21.171	18.4	0.0	0.0	0.0	4.6
25	16.8	31.9	23.1	75.7	21.142	18.4	0.0	0.0	0.0	8.9
26	16.7	30.8	22.0	78.4	20.545	17.9	1.3	0.0	1.3	6.2
27	15.6	31.5	22.3	74.1	19.858	17.4	0.0	0.0	0.0	8.8
28	15.6	29.8	20.2	83.8	20.119	17.6	1.2	0.0	1.2	3.9
29	17.0	27.0	19.9	90.9	21.342	18.5	3.6	0.9	4.5	2.0
30	17.0	27.0	20.4	88.7	21.408	18.6	2.5	23.0	25.5	3.1
PROM.	16.4	29.2	21.6	81.4	20.850	18.1	40.9	190.7	231.6	162.6

ESTACION: LA JOYA MUNICIPIO: PEREIRA AÑO: 1.977

ALTITUD: 1.250 LATITUD: 4-46 N. LONGITUD: 75-47 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	27.4	21.6	83.2	20.964	18.2	0.7	0.2	0.9	4.7
2	13.6	28.0	20.9	78.1	18.904	16.6	0.0	0.0	0.0	5.3
3	15.6	30.0	22.4	75.3	19.940	17.5	0.0	0.9	0.9	4.9
4	16.0	30.6	21.9	76.7	19.748	17.3	0.2	0.0	0.2	8.0
5	16.0	30.1	20.7	83.3	20.754	18.1	28.5	2.7	31.2	6.7
6	16.6	28.0	21.6	80.5	20.710	18.1	0.0	6.7	6.7	4.6
7	17.5	27.1	20.9	85.1	21.064	18.3	1.1	0.0	1.1	2.5
8	17.6	29.0	22.5	78.5	21.294	18.5	0.0	0.0	0.0	6.9
9	15.3	28.8	19.8	81.3	19.097	16.8	1.7	0.0	1.7	4.0
10	15.4	27.3	20.8	80.5	19.890	17.4	0.0	0.0	0.0	6.4
11	13.0	31.9	22.8	70.3	18.673	16.4	0.0	0.0	0.0	9.2
12	15.9	27.0	20.9	78.2	19.197	16.8	0.0	0.0	0.0	1.6
13	14.5	31.5	23.2	70.5	18.941	16.6	0.0	0.0	0.0	8.2
14	16.3	28.0	21.5	78.1	19.888	17.4	0.0	0.0	0.0	3.3
15	17.0	26.3	21.2	77.6	19.575	17.2	0.3	2.5	2.8	1.5
16	15.1	29.0	22.1	74.6	19.108	16.7	0.0	0.0	0.0	8.1
17	15.4	31.3	22.5	62.4	16.714	14.3	0.0	0.0	0.0	5.7
18	15.6	30.0	22.1	75.2	19.979	17.5	0.0	0.0	0.0	6.1
19	13.5	30.0	21.1	77.5	18.959	16.6	1.9	0.1	2.0	5.3
20	15.0	30.0	20.0	77.1	18.184	16.0	0.8	0.0	0.8	6.1
21	13.6	31.5	22.8	71.4	18.947	16.6	0.1	0.0	0.1	8.6
22	14.6	31.0	23.2	70.9	19.405	17.0	0.0	0.0	0.0	8.5
23	15.0	31.0	22.8	69.1	18.365	16.2	1.5	0.0	1.5	8.1
24	15.0	28.0	20.7	75.6	18.137	16.0	0.0	0.0	0.0	4.6
25	15.0	29.0	21.3	81.9	20.578	17.8	2.0	4.8	6.8	4.3
26	16.6	27.1	21.3	80.3	20.669	18.0	0.1	18.1	18.2	2.1
27	16.0	25.6	18.8	83.2	18.149	16.0	0.8	0.0	0.8	2.5
28	14.5	31.0	23.0	62.2	16.357	14.2	0.0	0.0	0.0	9.6
29	14.0	31.0	23.5	69.2	19.152	16.7	0.0	0.0	0.0	9.6
30	14.6	30.3	21.0	77.5	19.038	16.7	2.6	3.7	6.3	7.9
31	17.0	26.6	20.9	80.4	19.808	17.4	4.5	6.3	10.8	5.1
PROM.	15.4	29.1	21.6	76.3	19.361	16.9	46.8	46.0	92.8	180.0

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	27.2	20.6	83.3	20.137	17.6	0.4	0.0	0.4	3.2
2	15.0	30.0	21.3	76.4	19.032	16.7	0.0	0.0	0.0	8.5
3	14.0	29.5	21.8	79.3	20.375	17.7	0.0	0.0	0.0	6.0
4	16.0	28.0	21.3	79.6	19.827	17.3	0.0	0.0	0.0	4.1
5	16.7	28.0	20.9	78.7	19.255	16.9	0.2	0.0	0.2	3.9
6	16.0	27.0	20.9	79.4	19.517	17.1	0.2	24.4	24.6	3.0
7	15.5	26.0	20.3	84.3	19.859	17.3	1.0	10.0	11.0	4.0
8	17.0	27.0	21.4	77.5	19.686	17.2	0.0	22.9	22.9	4.3
9	16.7	25.0	20.5	85.7	20.677	18.0	1.8	0.0	1.8	2.2
10	14.6	29.0	20.9	78.8	19.158	16.8	0.0	0.0	0.0	4.6
11	16.3	29.5	21.1	76.6	19.072	16.7	0.1	0.0	0.1	7.6
12	14.6	29.0	20.3	78.4	18.601	16.3	0.0	25.1	25.1	4.5
13	14.3	29.0	21.6	74.4	18.732	16.4	0.1	10.4	10.5	9.4
14	16.0	28.6	21.8	75.1	19.310	17.0	0.0	3.4	3.4	6.6
15	17.5	26.0	20.8	82.0	20.120	17.6	2.0	13.5	15.5	4.6
16	16.0	27.4	21.2	81.6	20.879	18.1	0.8	0.0	0.8	3.4
17	14.7	28.0	21.2	79.4	19.849	17.4	4.5	0.0	4.5	5.3
18	15.1	28.0	21.3	74.5	18.485	16.3	0.0	0.0	0.0	5.8
19	13.6	30.0	21.3	75.7	18.701	16.4	0.0	12.6	12.6	6.2
20	15.6	26.1	19.8	82.6	19.453	17.0	0.8	4.7	5.5	2.1
21	16.0	26.1	19.9	83.3	19.346	17.0	1.0	0.0	1.0	3.1
22	14.4	29.4	20.9	79.1	19.303	16.9	0.3	0.0	0.3	6.4
23	14.6	31.1	22.5	74.2	19.479	17.1	0.0	0.0	0.0	9.1
24	14.9	31.5	22.1	75.6	20.052	17.5	0.0	0.0	0.0	6.9
25	14.1	30.5	22.1	77.4	19.968	17.4	0.4	0.0	0.4	7.1
26	15.3	30.0	20.3	80.3	19.163	16.8	1.1	0.0	1.1	5.4
27	14.1	27.3	20.1	79.8	18.767	16.5	0.2	0.0	0.2	6.1
28	14.1	31.0	22.0	70.4	18.140	15.9	0.0	0.0	0.0	9.5
29	14.0	30.5	21.6	75.2	18.901	16.5	0.1	0.6	0.7	7.2
30	16.0	29.0	21.8	81.1	21.294	18.4	9.3	0.1	9.4	4.9
31	17.0	27.6	21.5	78.6	20.099	17.6	0.0	0.0	0.0	4.5
PROM.	15.4	28.5	21.1	78.7	19.524	17.1	24.3	127.7	152.0	169.5

ESTACION: LA JOYA MUNICIPIO: PEREIRA AÑO: 1.977

ALTITUD: 1.250 LATITUD: 4-46 N. LONGITUD: 75-47 W.

M E S - SEPTIEMERE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	31.0	21.3	74.6	18.481	16.2	0.0	0.0	0.0	8.8
2	15.0	30.6	22.5	72.6	19.234	16.9	0.0	0.0	0.0	9.3
3	14.0	29.0	20.3	81.2	19.324	16.9	1.8	0.0	1.8	4.7
4	14.8	29.3	22.3	75.2	19.781	17.3	0.0	0.0	0.0	5.8
5	15.3	28.0	22.1	79.5	20.988	18.3	0.0	0.0	0.0	4.2
6	13.6	32.0	23.2	61.0	16.503	14.2	0.0	0.0	0.0	9.6
7	13.3	33.1	23.2	55.3	14.034	12.0	0.0	0.0	0.0	9.9
8	15.2	28.0	22.7	76.2	20.886	18.2	0.0	0.0	0.0	0.8
9	16.2	30.0	22.8	76.0	20.780	18.1	1.1	0.0	1.1	6.2
10	16.3	29.0	22.1	75.7	19.820	17.3	0.0	0.0	0.0	2.8
11	15.0	30.3	22.5	73.1	19.745	17.3	0.2	0.0	0.2	7.5
12	15.5	27.0	19.3	87.6	19.867	17.3	3.1	4.2	7.3	1.4
13	16.4	29.4	20.6	81.3	19.885	17.4	2.5	6.0	8.5	3.4
14	16.0	22.0	19.1	87.8	19.536	17.1	0.0	0.0	0.0	0.0
15	14.6	27.5	22.0	75.5	19.423	17.0	0.0	0.0	0.0	6.2
16	15.0	28.8	22.3	77.0	20.581	18.0	1.0	1.1	2.1	7.6
17	15.4	30.5	21.8	76.2	19.976	17.5	0.6	7.3	7.9	7.6
18	14.0	30.0	21.4	75.3	19.174	16.8	0.0	5.6	5.6	7.5
19	15.6	28.5	22.1	74.2	19.427	17.0	0.0	0.0	0.0	7.4
20	17.5	29.0	21.8	77.6	20.122	17.6	13.6	2.4	16.0	2.2
21	16.5	28.4	20.3	82.9	20.167	17.6	33.2	15.3	48.5	2.3
22	15.1	28.8	19.8	82.3	19.158	16.8	17.2	0.0	17.2	5.2
23	17.0	29.1	22.7	77.1	21.068	18.3	0.0	0.0	0.0	7.3
24	16.6	29.0	21.8	79.4	21.166	18.4	3.9	0.0	3.9	4.4
25	15.6	27.0	21.3	75.5	19.047	16.7	0.4	25.7	26.1	3.3
26	17.0	24.0	20.7	86.1	20.908	18.2	0.0	6.0	6.0	2.9
27	17.0	23.5	19.0	88.7	19.779	17.3	26.7	4.7	31.4	0.0
28	16.0	24.0	19.1	86.8	19.364	17.0	1.3	0.0	1.3	0.7
29	14.5	24.9	18.5	94.2	20.275	17.7	2.4	0.0	2.4	4.5
30	15.0	28.0	20.9	78.5	18.958	16.6	0.0	0.0	0.0	3.1
PROM.	15.4	28.3	21.3	78.1	19.582	17.1	109.0	78.3	187.3	146.6

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	28.0	20.5	80.4	19.483	17.1	1.5	6.6	8.1	3.4
2	16.6	28.0	21.9	75.4	19.429	17.0	0.0	0.0	0.0	4.9
3	16.0	31.5	22.2	76.0	20.288	17.7	0.0	16.8	16.8	8.4
4	16.4	29.0	20.8	77.9	19.129	16.8	34.4	0.9	35.3	5.2
5	17.1	29.0	21.7	74.9	19.080	16.8	0.0	0.7	0.7	5.5
6	17.9	27.0	21.0	82.1	20.576	18.0	0.1	3.2	3.3	2.8
7	17.5	24.5	20.5	83.8	20.181	17.7	10.7	0.2	10.9	1.0
8	16.0	27.1	20.2	78.7	18.938	16.6	0.5	42.3	42.8	4.3
9	16.0	25.0	19.3	82.9	18.808	16.5	0.7	3.2	3.9	2.5
10	16.0	26.6	19.9	80.5	19.338	16.9	7.7	1.2	8.9	3.0
11	16.8	28.0	21.5	76.4	19.845	17.4	5.9	10.6	16.5	5.0
12	18.3	27.5	21.3	81.3	20.834	18.2	1.7	0.0	1.7	5.1
13	16.6	28.8	21.3	81.2	20.621	18.0	4.9	0.1	5.0	3.1
14	14.0	28.5	21.2	84.7	21.215	18.4	0.4	2.8	3.2	4.3
15	17.0	28.0	21.9	75.7	19.551	17.2	0.0	0.0	0.0	3.7
16	16.0	30.5	22.5	75.3	19.949	17.4	0.0	0.0	0.0	6.9
17	16.5	29.9	21.7	80.4	20.996	18.3	0.5	0.3	0.8	5.6
18	15.0	28.9	22.2	78.9	20.703	18.0	0.0	0.0	0.0	8.0
19	16.5	30.6	23.6	76.3	21.949	19.0	0.0	5.9	5.9	4.8
20	18.0	29.5	22.5	81.6	22.131	19.1	0.0	0.0	0.0	5.2
21	17.0	30.5	22.7	81.1	21.965	19.0	0.5	0.0	0.5	6.5
22	17.6	27.0	20.4	85.8	20.910	18.2	0.0	0.0	0.0	4.7
23	16.5	29.0	21.6	76.9	19.950	17.4	0.4	4.2	4.6	2.9
24	17.0	27.5	21.4	84.7	21.881	18.9	6.1	0.6	6.7	2.1
25	16.0	27.9	21.3	81.8	20.922	18.2	0.9	5.6	6.5	5.0
26	18.0	21.0	19.6	91.4	20.983	18.3	1.4	0.0	1.4	0.0
27	16.5	28.5	20.7	84.1	20.825	18.1	14.3	0.0	14.3	4.7
28	16.0	26.5	20.3	81.3	19.833	17.4	13.8	3.8	17.6	4.9
29	17.0	28.8	21.2	80.1	20.205	17.7	0.0	0.0	0.0	6.5
30	16.5	26.0	19.1	88.5	19.937	17.4	4.5	0.0	4.5	3.4
31	13.5	30.6	22.1	75.3	19.665	17.2	0.0	0.0	0.0	9.2
PROM.	16.5	28.0	21.2	80.5	20.326	17.7	110.9	109.0	219.9	142.6

ESTACION: LA JOYA MUNICIPIO: PEREIRA AÑO: 1.977

ALTITUD: 1.250 LATITUD: 4-46 N. LONGITUD: 75-47 W.

M E S – NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	30.6	21.6	78.8	20.649	18.0	4.1	0.0	4.1	9.1
2	14.5	29.9	21.3	76.2	19.619	17.2	0.0	0.0	0.0	5.0
3	16.5	29.9	22.2	81.0	21.772	18.8	0.0	27.2	27.2	5.0
4	18.0	26.5	20.4	84.0	20.682	18.0	21.2	0.4	21.6	0.7
5	15.0	28.8	20.9	81.3	19.780	17.3	4.4	0.7	5.1	7.0
6	17.0	27.5	21.5	81.4	21.071	18.3	0.0	5.1	5.1	3.1
7	17.5	27.6	21.1	81.5	20.676	18.0	1.3	0.4	1.7	3.1
8	16.5	28.1	21.3	77.4	19.524	17.1	0.0	0.0	0.0	5.8
9	17.5	30.8	22.6	77.7	21.401	18.6	0.0	4.5	4.5	5.8
10	18.0	25.5	21.0	88.8	22.042	19.0	6.0	0.0	6.0	0.6
11	16.0	28.4	20.6	82.2	20.024	17.5	0.9	0.2	1.1	4.1
12	17.0	26.0	20.3	86.8	20.837	18.1	0.0	0.0	0.0	2.6
13	16.5	25.4	19.9	81.5	19.021	16.7	1.6	0.0	1.6	0.5
14	16.0	28.5	21.4	78.1	19.566	17.1	0.0	0.0	0.0	7.3
15	13.5	29.9	20.8	79.2	19.249	16.9	0.0	0.0	0.0	8.8
16	14.5	30.6	21.6	79.7	20.240	17.6	0.0	22.6	22.6	7.0
17	17.0	28.0	21.1	83.9	20.866	18.2	0.0	3.4	3.4	4.7
18	18.0	23.5	20.7	89.5	21.966	19.0	10.8	0.4	11.2	0.3
19	15.0	28.5	21.1	82.2	20.498	17.9	5.2	18.2	23.4	6.2
20	18.0	29.0	22.5	78.7	21.454	18.6	0.5	8.6	9.1	5.9
21	17.0	30.0	22.6	73.5	20.205	17.7	0.0	0.0	0.0	9.1
22	17.6	29.0	21.9	77.1	20.348	17.8	0.0	0.6	0.6	8.5
23	17.5	29.0	22.0	80.1	20.706	18.1	0.0	0.0	0.0	5.6
24	17.0	29.9	22.1	78.6	20.661	18.0	0.0	0.0	0.0	5.4
25	17.0	29.5	22.5	77.7	21.015	18.3	0.0	7.8	7.8	4.9
26	18.0	27.5	21.3	84.3	21.607	18.7	4.7	14.3	19.0	2.8
27	18.0	29.0	22.5	78.8	21.381	18.6	0.0	0.0	0.0	7.9
28	16.5	29.0	23.1	78.4	21.793	18.8	0.0	0.0	0.0	5.8
29	18.4	31.0	24.0	74.5	21.729	18.8	0.0	0.0	0.0	7.7
30	17.0	29.9	22.7	72.8	19.777	17.3	0.0	0.0	0.0	8.6
PROM.	16.8	28.6	21.6	80.2	20.672	18.0	60.7	114.4	175.1	159.9

M E S – DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	30.4	22.1	77.0	20.388	17.8	0.0	0.0	0.0	7.9
2	16.0	28.6	22.1	78.7	20.790	18.1	0.0	1.9	1.9	5.1
3	18.0	28.5	22.6	79.8	21.646	18.7	0.0	0.0	0.0	6.0
4	17.0	28.0	21.9	80.3	21.054	18.3	0.0	0.0	0.0	5.1
5	17.0	30.5	22.5	76.4	20.642	18.0	0.4	0.0	0.4	8.1
6	17.0	29.4	21.9	79.5	20.882	18.2	18.4	4.6	23.0	6.3
7	18.0	27.9	22.5	80.6	21.735	18.8	0.0	0.0	0.0	3.5
8	17.0	29.9	22.1	76.3	19.988	17.4	0.0	0.0	0.0	7.2
9	16.6	30.0	22.5	77.7	20.757	18.1	0.0	0.2	0.2	6.2
10	17.5	29.0	21.9	79.9	21.074	18.3	0.2	0.0	0.2	6.0
11	15.0	30.0	22.1	75.4	19.735	17.3	0.0	0.0	0.0	7.3
12	15.0	29.9	21.3	75.7	18.816	16.5	0.0	16.9	16.9	6.3
13	17.0	27.5	20.5	84.2	20.354	17.8	0.0	0.0	0.0	2.9
14	15.0	29.9	22.1	74.9	19.668	17.2	0.0	0.0	0.0	4.8
15	17.0	30.1	22.5	78.2	21.144	18.4	0.0	0.0	0.0	6.8
16	16.5	25.8	21.2	87.0	21.923	18.9	0.0	0.0	0.0	0.3
17	16.0	30.0	21.9	76.2	19.574	17.2	0.0	0.0	0.0	6.9
18	16.4	29.9	21.7	80.0	20.689	18.0	0.1	0.0	0.1	6.8
19	16.5	27.5	21.2	77.8	19.559	17.1	0.0	0.8	0.8	2.7
20	16.3	30.8	23.0	75.4	20.542	17.9	0.0	0.0	0.0	8.0
21	16.0	30.9	23.1	73.1	20.617	18.0	0.0	0.0	0.0	7.9
22	15.0	31.1	23.9	71.7	20.412	17.8	0.0	0.1	0.1	8.5
23	16.0	32.9	22.5	75.0	19.788	17.3	0.0	0.0	0.0	8.6
24	16.6	30.8	22.8	76.6	20.983	18.2	0.0	0.0	0.0	4.1
25	18.0	28.0	22.0	82.0	21.669	18.8	0.0	0.9	0.9	0.2
26	16.0	27.0	22.2	80.7	21.254	18.4	0.0	0.0	0.0	0.1
27	16.5	26.4	20.5	79.6	19.382	17.0	0.0	9.7	9.7	4.6
28	16.5	28.5	21.4	80.4	20.185	17.6	0.0	21.4	21.4	5.4
29	16.3	24.6	20.8	88.0	21.890	18.9	0.0	0.3	0.3	0.2
30	17.0	27.5	21.9	76.2	19.556	17.1	0.0	0.0	0.0	8.7
31	16.4	26.3	21.1	81.0	20.356	17.8	0.0	2.7	2.7	4.6
PROM.	16.6	29.0	22.0	78.6	20.550	17.9	19.1	59.5	78.6	167.1

ESTACION: LA JOYA MUNICIPIO PEREIRA AÑO: 1.977

ALTITUD: 1.250 LATITUD: 4-46 N. LONGITUD: 75-47 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.1	31.4	22.6	13.6	33.6	73.1	19.453	17.0	34.3	13	245.9
FEBRERO	16.1	30.0	22.3	14.0	32.7	75.6	19.875	17.4	15.2	12	165.2
MARZO	16.6	31.0	23.1	13.5	34.0	73.9	20.209	17.6	139.7	19	168.4
ABRIL	16.8	29.4	22.5	14.0	32.3	77.9	20.936	18.2	136.2	20	147.2
MAYO	17.4	29.1	22.0	15.0	32.0	82.6	21.827	18.9	117.1	22	130.8
JUNIO	16.4	29.2	21.6	14.6	31.9	81.4	20.850	18.1	231.6	20	162.6
JULIO	15.4	29.1	21.6	13.0	31.9	76.3	19.361	16.9	92.8	17	180.0
AGOSTO	15.4	28.5	21.1	13.6	31.5	78.7	19.524	17.1	152.0	22	169.5
SEPTIEMBRE	15.4	28.3	21.3	13.3	33.1	78.1	19.582	17.1	187.3	17	146.6
OCTUBRE	16.5	28.0	21.2	13.5	31.5	80.5	20.326	17.7	219.9	23	142.6
NOVIEMBRE	16.8	28.6	21.6	13.5	31.0	80.2	20.672	18.0	175.1	18	159.9
DICIEMBRE	16.6	29.0	22.0	15.0	32.9	78.6	20.550	17.9	78.6	14	167.1
PROMEDIO	16.3	29.3	21.9	13.9	32.4	78.1	20.264	17.7			
TOTAL									1579.8	217	1.985.8

ESTACION: LA TRINIDAD MUNICIPIO: LIBANO AÑO: 1.977

ALTITUD: 1.430 LATITUD: 4-55 N. LONGITUD: 75-04 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	24.1	19.3	86.9	19.698	17.1	0.0	12.7	12.7	5.9
2	16.1	24.2	19.3	83.7	18.924	16.6	0.6	0.0	0.6	5.7
3	17.0	25.6	20.9	83.3	20.727	18.0	0.0	0.0	0.0	8.1
4	16.8	25.0	20.5	85.2	21.008	18.2	0.0	0.0	0.0	8.7
5	14.9	25.5	20.4	76.0	18.701	16.3	0.0	0.0	0.0	9.7
6	14.4	25.0	20.0	72.2	17.367	15.1	0.0	0.0	0.0	8.5
7	14.8	24.2	19.5	82.6	18.772	16.4	0.0	0.0	0.0	6.6
8	17.4	24.5	20.0	81.2	19.238	16.9	0.0	0.0	0.0	6.2
9	14.3	25.0	19.8	75.8	17.715	15.5	0.0	0.0	0.0	8.9
10	14.8	25.5	20.1	81.3	19.488	16.8	0.0	0.0	0.0	6.5
11	14.2	24.5	19.9	82.2	19.134	16.7	0.0	0.0	0.0	5.5
12	15.7	25.0	20.2	82.8	19.700	17.2	0.0	0.0	0.0	3.7
13	16.9	25.0	20.2	78.7	18.626	16.4	0.0	0.0	0.0	4.2
14	17.0	24.0	20.2	76.6	18.027	15.7	0.0	0.0	0.0	2.4
15	18.0	26.0	21.2	72.8	18.214	16.0	0.0	0.0	0.0	7.2
16	17.1	24.5	20.1	82.7	19.724	17.3	0.0	0.0	0.0	4.4
17	16.5	24.7	20.6	81.5	19.840	17.3	0.0	0.0	0.0	2.1
18	17.6	22.2	19.0	93.2	20.452	17.9	1.3	0.0	1.3	0.4
19	17.8	24.5	19.7	86.8	20.184	17.6	0.0	0.0	0.0	4.0
20	17.2	24.0	19.7	84.8	19.758	17.3	0.0	0.0	0.0	4.7
21	16.5	24.9	19.7	85.3	19.665	17.2	0.0	0.0	0.0	4.2
22	15.2	24.6	20.0	83.2	19.657	17.2	0.0	0.0	0.0	7.1
23	15.6	25.0	20.9	72.7	18.379	16.2	0.0	0.0	0.0	5.6
24	15.4	23.8	19.7	84.2	19.507	17.1	15.4	0.0	15.4	3.4
25	16.8	22.4	19.2	83.2	18.743	16.4	0.0	0.0	0.0	1.3
26	17.6	22.8	19.5	88.6	20.217	17.7	0.0	0.0	0.0	0.3
27	16.3	24.4	19.9	82.0	19.105	16.7	5.0	0.0	5.0	2.8
28	16.1	24.9	20.5	82.2	19.786	17.3	0.0	0.0	0.0	5.7
29	16.8	25.6	20.9	73.3	18.222	16.0	0.0	0.0	0.0	6.0
30	16.1	24.5	20.2	82.5	19.671	17.2	0.0	0.0	0.0	4.6
31	16.2	24.2	19.8	78.6	18.260	16.0	0.0	0.0	0.0	2.9
PROM.	16.2	24.5	20.0	81.5	19.242	16.8	22.3	12.7	35.0	157.3

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.9	25.0	21.0	75.3	18.833	16.5	0.0	1.0	1.0	3.8
2	16.0	25.8	20.8	75.8	18.274	16.0	0.0	7.2	7.2	6.2
3	16.4	26.6	20.5	76.1	18.520	16.3	0.3	4.2	4.5	9.3
4	15.7	25.7	20.1	77.8	18.580	16.2	0.0	0.0	0.0	7.5
5	15.1	26.4	20.5	70.5	16.996	14.9	0.0	0.0	0.0	9.9
6	16.3	26.2	21.0	78.8	19.776	17.3	0.0	0.0	0.0	7.3
7	16.4	21.3	18.9	92.2	20.059	17.5	12.9	0.0	12.9	0.4
8	15.5	25.7	20.5	80.0	19.448	17.0	0.0	0.0	0.0	9.7
9	15.7	25.6	20.4	76.8	18.145	16.0	0.0	0.0	0.0	6.6
10	16.5	27.5	21.6	75.3	19.763	17.2	0.0	0.0	0.0	9.0
11	17.4	24.8	20.7	83.5	20.399	17.7	1.0	5.6	6.6	3.2
12	16.6	20.8	18.5	90.1	19.259	16.9	32.9	0.0	32.9	0.5
13	16.5	25.4	20.5	82.9	20.160	17.6	0.0	3.6	3.6	7.9
14	16.5	23.8	19.4	90.6	20.468	17.9	6.4	36.0	42.4	1.8
15	16.9	25.4	21.0	86.8	21.814	18.9	0.0	0.3	0.3	6.1
16	17.4	24.0	20.5	86.8	21.123	18.3	0.0	0.0	0.0	3.3
17	16.3	24.3	20.0	85.8	20.212	17.6	1.3	2.0	3.3	2.9
18	16.6	25.0	20.5	85.2	20.795	18.1	0.0	0.2	0.2	4.9
19	16.9	25.4	20.2	84.9	20.074	17.5	0.0	2.4	2.4	5.4
20	16.1	23.5	19.7	85.8	19.891	17.4	8.1	0.0	8.1	1.3
21	16.2	24.3	19.6	87.9	20.516	17.8	0.0	0.2	0.2	4.0
22	17.0	23.9	19.4	84.2	19.050	16.7	2.0	0.0	2.0	2.8
23	16.1	25.7	20.6	83.0	20.332	17.7	0.0	5.1	5.1	8.0
24	17.1	25.3	20.8	81.2	20.157	17.6	0.0	2.4	2.4	7.2
25	17.0	21.9	18.9	90.7	19.864	17.4	0.3	0.0	0.3	0.1
26	16.5	25.3	20.7	77.9	19.072	16.7	0.0	12.2	12.2	7.3
27	16.3	24.5	19.6	78.8	17.749	15.6	2.2	0.0	2.2	3.0
28	17.0	25.3	20.1	79.0	18.731	16.5	9.5	0.0	9.5	5.1
PROM.	16.5	24.8	20.2	82.3	19.574	17.1	76.9	82.4	159.3	144.5

ESTACION: LA TRINIDAD MUNICIPIO: LIBANO AÑO: 1.977

ALTITUD: 1.430 LATITUD: 4-55 N. LONGITUD: 75-04 W.

M E S — MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	23.9	19.9	83.0	19.506	17.0	0.4	0.0	0.4	2.0
2	16.4	24.2	19.7	87.3	20.229	17.7	0.0	0.0	0.0	3.4
3	15.9	25.4	21.6	82.2	21.213	18.4	0.0	0.0	0.0	6.9
4	15.1	27.0	21.5	70.1	18.623	15.8	0.0	0.0	0.0	10.1
5	16.5	27.7	21.5	70.7	18.123	15.9	0.0	0.0	0.0	9.9
6	16.9	27.4	21.8	69.1	17.905	15.8	0.0	0.0	0.0	8.1
7	17.2	27.9	21.7	65.4	16.820	14.8	0.0	0.0	0.0	7.9
8	15.3	26.6	21.3	59.9	15.373	13.4	0.0	0.0	0.0	6.9
9	18.2	25.6	21.1	69.9	17.399	15.3	0.0	0.0	0.0	2.3
10	18.5	28.5	22.4	61.9	16.947	14.9	0.0	0.0	0.0	8.3
11	16.9	28.2	22.2	64.4	17.041	15.0	0.0	0.0	0.0	6.3
12	16.6	26.5	21.3	74.0	19.465	16.9	0.0	11.1	11.1	6.1
13	16.1	24.8	19.7	88.8	20.641	17.9	0.0	0.0	0.0	4.0
14	17.2	24.1	20.1	84.9	20.150	17.6	0.0	0.0	0.0	1.0
15	17.0	24.9	20.6	84.5	20.818	18.1	0.0	37.7	37.7	1.3
16	16.4	20.5	18.0	96.4	19.917	17.4	0.0	0.0	0.0	0.1
17	17.2	24.9	20.3	87.9	20.870	18.2	1.8	1.0	2.8	3.7
18	16.6	26.4	21.4	83.3	21.391	18.5	0.0	14.7	14.7	3.9
19	16.1	24.8	20.5	84.5	20.449	17.8	0.0	0.0	0.0	1.2
20	16.0	26.3	22.0	79.9	21.584	18.7	4.2	0.0	4.2	4.8
21	17.3	26.3	21.6	77.8	20.417	17.7	0.0	2.1	2.1	9.3
22	17.1	23.7	20.0	88.9	20.671	18.0	0.0	0.0	0.0	0.4
23	17.2	24.8	20.2	85.7	20.566	17.9	0.3	0.1	0.4	1.0
24	17.0	24.3	19.8	87.2	20.170	17.6	0.0	0.0	0.0	2.1
25	17.5	24.7	21.4	85.1	21.671	18.8	0.0	2.3	2.3	1.0
26	15.5	24.5	20.0	86.7	20.224	17.6	0.0	33.7	33.7	3.8
27	15.0	26.0	21.0	82.2	20.415	17.8	1.7	58.4	60.1	0.0
28	17.1	22.6	19.2	92.0	20.741	18.1	7.1	0.5	7.6	0.9
29	16.2	25.5	20.8	83.5	20.460	17.8	0.0	16.8	16.8	6.2
30	16.5	22.5	18.6	94.4	20.107	17.5	1.0	0.0	1.0	0.4
31	17.2	22.6	19.6	87.7	20.285	17.7	0.0	8.7	8.7	0.4
PROM.	16.7	25.3	20.7	80.6	19.664	17.1	16.5	187.1	203.6	123.7

M E S — ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.1	22.8	18.7	90.3	19.689	17.2	3.1	0.0	3.1	0.7
2	17.9	23.8	20.0	84.0	19.933	17.4	0.0	0.0	0.0	1.6
3	17.2	22.0	19.2	87.0	19.548	17.1	1.0	8.2	9.2	0.4
4	15.4	20.8	17.7	86.3	17.748	15.8	0.8	0.0	0.8	0.0
5	15.8	23.0	19.1	86.4	19.186	16.8	0.0	0.0	0.0	3.1
6	16.1	22.8	18.7	90.7	19.636	17.2	4.2	0.0	4.2	2.0
7	16.0	23.5	19.7	83.2	19.294	16.9	0.0	0.0	0.0	4.7
8	18.0	24.0	20.1	82.3	19.419	17.0	0.0	0.0	0.0	1.7
9	16.5	24.5	20.4	87.4	21.370	18.5	0.0	0.0	0.0	4.2
10	18.1	25.0	21.0	88.1	22.038	19.0	0.0	0.0	0.0	2.3
11	16.0	23.6	20.5	89.0	21.784	18.8	0.0	0.0	0.0	1.6
12	17.8	23.4	20.0	90.5	21.137	18.4	0.0	0.0	0.0	1.0
13	17.2	25.2	20.8	84.5	21.064	18.3	0.0	0.0	0.0	3.9
14	17.2	24.3	20.7	86.1	21.202	18.4	0.0	0.0	0.0	1.6
15	16.4	26.6	21.2	76.7	19.794	17.3	0.0	0.0	0.0	10.4
16	16.7	23.7	20.2	81.4	19.697	17.3	0.0	0.0	0.0	3.5
17	18.2	24.0	20.7	85.8	20.959	18.2	0.0	0.0	0.0	2.9
18	16.6	25.8	22.4	78.6	21.654	18.7	0.0	0.0	0.0	8.1
19	17.0	24.9	21.4	84.4	21.779	18.8	0.0	0.0	0.0	1.5
20	16.6	26.5	21.4	81.3	21.083	18.3	0.0	0.0	0.0	5.8
21	18.5	23.9	20.3	82.0	19.870	17.4	23.8	0.0	23.8	0.1
22	16.4	26.4	21.1	84.5	21.392	18.4	0.0	0.3	0.3	6.8
23	17.9	20.5	19.0	88.1	19.251	16.9	0.9	0.0	0.9	0.0
24	17.2	22.4	18.5	88.4	19.027	16.7	0.3	0.0	0.3	0.8
25	16.6	25.0	19.9	83.8	19.651	17.2	0.0	0.0	0.0	1.9
26	16.9	22.0	18.3	93.8	19.684	17.3	10.5	6.8	17.3	1.3
27	16.0	22.2	18.9	88.6	19.444	17.0	4.0	0.7	4.7	0.7
28	15.6	22.2	18.3	91.7	18.980	16.7	17.4	0.0	17.4	2.0
29	16.2	22.6	19.4	90.3	20.406	17.3	29.3	7.6	36.9	5.0
30	15.0	23.7	18.0	88.8	18.424	16.1	15.9	7.3	23.2	3.1
PROM.	16.8	23.7	19.9	86.1	20.138	17.6	111.2	30.9	142.1	80.6

ESTACION: LA TRINIDAD MUNICIPIO: LIBANO AÑO: 1.977

ALTITUD: 1.430 LATITUD: 4-55 N. LONGITUD: 75-04 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.9	22.8	19.2	90.6	20.131	17.5	2.0	3.2	5.2	1.4
2	17.8	24.9	19.7	88.1	20.543	17.9	5.9	0.0	5.9	2.7
3	17.6	22.9	19.8	89.8	20.989	18.3	2.8	0.0	2.8	2.0
4	17.6	24.4	21.2	85.7	21.834	18.8	0.3	99.5	99.8	2.4
5	16.1	21.3	18.3	91.0	19.491	17.0	0.8	0.0	0.8	0.2
6	15.6	24.0	19.1	90.4	20.078	17.5	0.0	0.0	0.0	3.4
7	17.0	23.6	20.3	89.0	21.263	18.5	5.8	9.7	15.5	4.9
8	16.4	24.5	19.9	90.3	21.043	18.3	0.0	0.0	0.0	5.3
9	17.1	22.7	19.7	93.5	21.551	18.7	2.8	0.0	2.8	2.5
10	17.6	24.6	20.2	87.2	20.632	18.0	0.0	0.0	0.0	3.7
11	18.6	23.3	20.3	92.1	22.253	19.2	0.0	0.0	0.0	0.6
12	17.9	23.4	20.3	90.4	21.666	18.8	0.0	0.0	0.0	4.2
13	18.0	23.6	19.8	87.4	20.485	17.9	0.0	5.3	5.3	3.4
14	18.2	23.2	20.0	89.3	21.006	18.3	1.6	0.0	1.6	0.3
15	16.8	20.6	17.9	93.7	19.436	17.1	41.3	0.0	41.3	0.3
16	15.6	23.7	18.8	91.1	20.014	17.5	1.2	0.0	1.2	1.8
17	16.7	22.4	19.4	90.7	20.590	17.9	0.0	42.2	42.2	1.3
18	17.0	23.1	19.2	90.4	20.274	17.7	0.9	0.0	0.9	2.1
19	17.4	24.3	20.6	84.9	20.879	18.2	0.0	5.4	5.4	4.5
20	18.2	20.7	18.9	95.0	20.893	18.2	0.0	0.0	0.0	0.1
21	15.5	21.8	18.7	87.9	18.945	16.7	0.0	0.0	0.0	0.7
22	16.9	24.0	20.7	83.3	20.674	18.0	0.0	23.4	23.4	1.1
23	16.9	21.2	18.2	93.0	19.703	17.3	20.6	0.0	20.6	0.0
24	14.7	22.9	19.4	89.6	20.403	17.8	0.0	16.5	16.5	5.3
25	17.7	20.6	18.4	95.1	20.337	17.7	0.0	0.0	0.0	0.2
26	15.2	23.4	19.9	80.0	19.016	16.6	0.0	5.0	5.0	6.6
27	17.2	22.0	18.8	92.2	20.415	17.8	0.4	0.0	0.4	1.0
28	16.6	22.1	19.8	90.0	20.550	17.9	0.0	15.7	15.7	1.4
29	17.5	21.3	18.4	95.0	20.297	17.7	3.6	0.0	3.6	0.0
30	14.9	22.9	20.1	86.1	20.337	17.7	0.0	0.0	0.0	4.8
31	16.8	22.5	19.1	87.2	19.552	17.1	0.0	0.0	0.0	2.5
PROM.	16.9	22.9	19.5	89.7	20.493	17.9	90.0	225.9	315.9	70.7

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.1	24.0	20.5	82.4	20.111	17.6	0.0	34.1	34.1	6.7
2	15.1	21.7	17.8	88.3	18.065	15.9	0.9	5.3	6.2	2.9
3	15.4	23.0	18.7	90.3	19.621	17.1	0.0	8.0	8.0	4.7
4	15.4	22.4	18.2	94.3	19.731	17.3	0.5	0.0	0.5	2.0
5	15.4	23.3	19.2	89.7	20.031	17.5	0.0	2.4	2.4	2.5
6	16.7	22.7	19.5	92.1	20.674	18.2	1.1	47.5	48.6	2.6
7	17.0	23.6	19.6	91.4	20.985	18.2	0.3	1.8	2.1	2.8
8	16.1	22.2	18.7	91.1	19.502	17.1	0.2	0.1	0.3	1.2
9	15.6	24.5	20.7	81.4	20.654	18.0	0.2	0.0	0.2	8.3
10	15.7	25.2	20.0	85.6	20.397	17.8	0.0	0.0	0.0	1.9
11	15.0	25.0	20.8	79.5	19.695	17.2	0.0	1.4	1.4	5.6
12	16.4	23.1	20.0	82.6	19.320	17.0	0.1	15.7	15.8	2.5
13	16.0	22.6	19.4	88.6	20.030	17.5	0.0	19.7	19.7	4.8
14	15.4	23.4	19.6	86.9	19.834	17.3	0.0	0.0	0.0	6.1
15	17.1	23.4	19.8	90.0	21.028	18.3	0.0	0.0	0.0	7.4
16	14.3	23.4	19.7	82.6	19.132	16.8	0.0	0.0	0.0	5.5
17	15.1	24.4	20.1	80.7	19.013	16.7	0.0	0.0	0.0	7.7
18	15.6	25.0	20.2	80.7	19.257	16.9	0.0	0.0	0.0	8.7
19	15.2	24.0	19.6	85.9	19.736	17.3	0.0	0.0	0.0	3.7
20	16.5	24.6	19.2	83.0	19.056	16.6	1.1	0.0	1.1	3.6
21	16.6	21.2	18.1	91.0	19.191	16.8	0.4	0.0	0.4	0.7
22	16.5	26.0	20.4	71.3	17.495	15.3	0.0	0.0	0.0	8.6
23	16.2	25.2	19.9	87.1	20.304	17.7	0.0	0.0	0.0	6.8
24	16.3	24.2	19.7	85.5	20.032	17.5	0.0	0.0	0.0	7.8
25	16.0	25.0	20.4	77.2	19.001	16.7	0.0	0.0	0.0	8.7
26	15.6	25.0	20.1	76.0	17.985	15.8	0.0	0.0	0.0	4.8
27	15.4	25.2	20.5	77.4	18.753	16.5	0.0	0.0	0.0	10.0
28	16.7	25.3	20.2	80.8	19.684	17.3	0.0	0.0	0.0	0.9
29	15.5	24.0	19.3	80.0	18.035	15.9	0.0	0.0	0.0	2.6
30	15.5	24.6	19.6	81.7	18.839	16.6	0.0	58.2	58.2	7.9
PROM.	15.8	23.9	19.7	84.5	19.513	17.1	4.8	194.2	199.0	150.0

ESTACION: LA TRINIDAD MUNICIPIO: LIBANO AÑO: 1.977

ALTITUD: 1.430 LATITUD: 4-55 N. LONGITUD: 75-04 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	23.3	19.0	85.6	19.005	16.6	0.0	0.0	0.0	4.4
2	15.1	25.6	19.8	83.1	19.527	17.1	0.0	15.3	15.3	7.2
3	17.0	25.2	20.3	85.7	20.579	17.9	0.0	2.4	2.4	11.6
4	17.4	23.8	19.7	82.2	18.850	16.6	1.8	0.0	1.8	2.9
5	15.4	25.2	20.2	79.2	18.765	16.5	0.0	2.5	2.5	8.0
6	16.8	23.0	19.9	83.5	19.452	17.0	0.0	26.3	26.3	4.1
7	15.1	22.4	18.7	87.1	19.030	16.7	6.6	0.0	6.6	1.9
8	16.7	21.4	18.8	92.5	20.080	17.6	0.0	0.0	0.0	2.2
9	15.2	24.2	20.2	79.2	19.218	16.8	0.0	0.0	0.0	5.2
10	15.4	24.2	19.7	79.7	18.134	15.9	0.0	0.0	0.0	7.3
11	14.7	24.4	20.4	73.0	17.606	15.4	0.0	0.0	0.0	8.0
12	15.1	23.6	19.6	77.4	17.904	15.7	0.0	0.0	0.0	2.0
13	14.4	25.8	20.1	74.4	17.695	15.6	0.0	0.0	0.0	9.3
14	16.5	24.8	20.6	78.8	19.328	16.9	0.1	3.6	3.7	6.8
15	17.5	24.8	20.5	79.9	19.385	17.0	0.0	14.8	14.8	2.6
16	16.1	22.3	18.5	89.0	19.011	16.7	0.0	0.0	0.0	1.1
17	16.0	25.5	20.4	71.1	16.998	14.9	0.0	0.0	0.0	10.5
18	14.5	25.8	21.4	64.8	16.558	14.5	0.0	0.0	0.0	3.6
19	14.8	25.6	20.1	69.0	16.434	14.4	0.0	0.2	0.2	10.2
20	16.1	26.3	20.9	69.5	17.172	15.1	0.0	0.0	0.0	9.6
21	15.4	27.0	20.8	67.3	16.564	14.6	0.0	0.0	0.0	11.2
22	14.5	27.8	21.5	62.9	16.163	14.2	0.0	0.0	0.0	9.8
23	16.0	27.8	22.6	67.9	18.390	16.2	0.0	1.3	1.3	7.6
24	16.2	25.3	20.4	73.7	17.438	15.3	0.0	0.0	0.0	3.5
25	16.0	24.9	19.9	80.8	19.027	16.7	0.0	8.9	8.9	6.3
26	17.0	24.6	20.1	80.9	20.489	17.9	0.0	51.7	51.7	0.6
27	15.9	21.6	17.8	89.5	18.411	16.2	0.2	0.3	0.5	0.1
28	14.9	24.3	19.7	77.6	17.910	15.8	0.0	0.0	0.0	8.8
29	14.5	26.6	20.5	63.3	15.320	13.3	0.0	0.0	0.0	11.7
30	14.6	26.5	21.5	62.4	16.037	14.0	0.0	9.5	9.5	10.9
31	15.9	24.3	19.7	84.8	19.323	17.0	0.0	13.2	13.2	7.7
PROM.	15.7	24.8	20.1	77.5	18.254	16.0	8.7	150.0	158.7	196.7

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	21.7	17.7	92.5	18.852	16.6	19.4	2.2	21.6	3.3
2	16.5	22.6	19.0	89.1	19.687	17.4	15.2	0.0	15.2	6.2
3	13.6	24.9	19.3	71.5	16.144	14.1	0.0	0.5	0.5	6.6
4	14.9	23.7	19.9	75.6	17.878	15.7	0.0	0.0	0.0	7.2
5	16.4	24.6	20.1	76.0	17.873	15.7	0.0	0.0	0.0	6.0
6	16.2	23.5	19.8	78.5	18.136	16.0	0.5	0.0	0.5	2.3
7	15.9	22.6	19.5	84.8	19.251	16.9	0.0	8.4	8.4	1.7
8	16.4	24.7	20.9	80.6	19.684	17.2	0.0	8.6	8.6	6.3
9	16.6	24.1	19.5	81.0	18.730	16.4	0.0	3.8	3.8	7.0
10	16.0	24.7	20.1	79.5	18.638	16.4	0.0	0.0	0.0	8.6
11	16.6	24.7	20.1	80.0	19.001	16.7	0.0	0.0	0.0	7.5
12	16.0	26.2	20.9	81.2	20.121	17.5	0.0	24.1	24.1	8.3
13	15.4	25.0	20.8	78.9	19.609	17.2	0.0	23.3	23.3	8.7
14	15.0	23.5	19.1	85.6	18.987	16.6	0.0	0.8	0.8	5.3
15	15.8	25.0	21.2	76.0	18.954	16.6	0.0	9.5	9.5	6.2
16	15.0	21.2	18.5	88.2	18.826	16.5	0.0	0.0	0.0	0.4
17	14.4	25.1	20.7	69.9	17.050	15.0	0.0	0.0	0.0	9.4
18	15.9	24.3	19.4	82.0	18.852	16.5	0.0	0.0	0.0	8.8
19	15.5	24.1	19.6	80.7	18.715	16.4	0.0	25.7	25.7	7.0
20	15.2	23.2	18.8	90.2	19.494	17.1	0.0	18.3	18.3	3.6
21	16.1	22.5	17.9	96.1	19.687	17.3	6.6	0.0	6.6	2.0
22	15.5	25.1	19.6	87.8	20.405	17.8	0.0	0.0	0.0	8.7
23	14.0	25.2	20.3	74.7	18.336	16.0	0.0	0.0	0.0	10.1
24	14.0	26.2	21.2	65.6	16.433	14.4	0.0	0.0	0.0	6.6
25	16.0	25.5	20.6	68.2	16.829	14.8	0.0	0.0	0.0	5.4
26	15.7	26.0	19.7	77.3	18.320	16.0	7.6	0.0	7.6	4.7
27	15.3	24.4	19.4	77.1	17.551	15.4	0.0	0.0	0.0	6.9
28	16.0	26.2	20.8	76.2	18.979	16.6	0.0	0.0	0.0	8.1
29	15.1	26.6	21.0	70.0	16.998	15.0	0.0	1.0	1.0	8.1
30	16.1	25.5	20.2	75.9	18.162	16.0	0.0	15.8	15.8	7.1
31	16.7	22.5	19.7	85.8	18.660	16.4	0.6	0.0	0.6	1.8
PROM.	15.6	24.4	19.8	79.9	18.551	16.3	49.9	142.0	191.9	189.9

ESTACION: LA TRINIDAD MUNICIPIO: LIBANO AÑO: 1.977

ALTITUD: 1.430 LATITUD: 4-55 N. LONGITUD: 75-04 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	25.8	19.9	69.7	16.629	14.5	0.0	0.0	0.0	10.2
2	15.3	25.1	20.8	69.1	16.660	14.6	0.0	0.0	0.0	7.6
3	17.0	26.6	21.0	75.1	18.613	16.4	0.0	0.0	0.0	7.5
4	15.5	27.1	22.7	58.6	15.708	13.7	0.0	3.2	3.2	9.2
5	16.4	25.8	21.0	71.1	17.441	15.3	0.1	0.0	0.1	7.1
6	14.9	26.7	20.1	63.1	14.453	12.4	0.0	0.0	0.0	8.9
7	14.4	27.5	21.6	58.1	14.751	12.8	0.0	0.0	0.0	11.3
8	17.0	27.4	21.5	67.9	17.300	15.2	0.0	0.0	0.0	6.4
9	16.2	27.6	22.7	61.8	17.025	15.0	0.0	2.3	2.3	8.7
10	15.6	26.8	21.5	60.8	14.670	12.6	0.0	0.0	0.0	4.5
11	15.2	27.6	21.5	59.3	15.448	13.5	0.0	0.0	0.0	10.7
12	14.9	25.1	20.5	67.3	16.542	14.5	0.2	0.1	0.3	1.5
13	16.2	23.7	19.0	86.0	18.923	16.6	0.0	0.4	0.4	1.7
14	16.6	20.6	18.0	94.4	19.558	17.2	0.0	0.0	0.0	0.0
15	16.1	24.7	19.7	80.9	18.415	16.2	0.0	0.0	0.0	3.7
16	16.5	26.0	21.8	63.8	15.973	13.9	0.0	0.0	0.0	5.8
17	16.9	27.0	21.4	70.3	18.087	15.9	0.0	0.0	0.0	7.6
18	16.2	25.9	21.0	80.1	19.885	17.4	0.0	40.0	40.0	7.6
19	15.4	24.9	19.6	83.1	18.959	16.6	0.1	3.2	3.3	5.9
20	17.1	24.8	20.0	84.7	19.938	17.4	0.0	18.2	18.2	6.2
21	16.1	22.5	18.4	90.6	19.056	16.8	0.0	11.9	11.9	1.8
22	16.5	21.8	19.3	92.4	20.415	17.8	1.2	38.5	39.7	2.2
23	16.1	22.3	18.6	91.4	19.858	17.4	12.1	0.0	12.1	1.4
24	16.1	24.4	20.9	83.0	20.848	18.0	0.0	0.3	0.3	6.8
25	17.0	25.0	20.9	80.1	20.090	17.6	0.0	5.5	5.5	5.6
26	14.9	22.7	19.0	85.6	18.933	16.6	0.0	0.0	0.0	1.4
27	17.0	23.2	17.1	94.5	18.389	16.2	16.2	1.0	17.2	0.2
28	16.0	23.2	18.3	91.0	19.186	16.8	1.3	0.0	1.3	1.8
29	16.9	23.7	19.7	82.3	19.199	16.9	0.0	0.0	0.0	1.6
30	15.9	26.0	20.3	82.3	19.694	17.3	0.0	19.7	19.7	6.0
PROM.	16.0	25.1	20.3	76.6	18.022	15.8	31.2	144.3	175.5	161.1

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	22.3	18.5	87.2	18.496	16.2	0.0	1.4	1.4	2.1
2	14.4	22.9	19.5	91.1	20.639	18.0	0.2	0.0	0.2	4.1
3	15.5	25.7	20.6	85.1	20.946	18.1	0.0	0.0	0.0	6.7
4	16.6	24.9	20.9	81.6	20.339	17.7	0.0	10.5	10.5	6.2
5	15.6	24.6	19.5	81.2	18.575	16.3	0.1	5.5	5.6	7.5
6	15.1	24.3	20.0	85.6	20.149	17.5	0.3	1.4	1.7	3.0
7	17.6	23.6	19.9	93.4	21.708	18.8	8.1	52.8	60.9	0.5
8	16.9	23.4	18.1	95.5	19.904	17.4	9.8	6.8	16.6	0.0
9	16.2	24.3	19.6	87.3	20.127	17.6	9.2	7.5	16.7	0.9
10	17.1	22.6	18.6	93.8	20.117	17.6	1.4	32.1	33.5	1.1
11	15.6	23.5	19.6	87.3	20.050	17.5	0.0	15.5	15.5	4.6
12	16.1	24.2	20.2	82.5	19.511	17.0	0.5	32.6	33.1	3.8
13	16.1	21.3	18.4	90.5	19.110	16.8	0.0	0.0	0.0	0.5
14	16.4	23.6	20.1	85.9	20.274	17.7	0.0	0.0	0.0	5.7
15	16.2	23.5	19.8	87.5	20.290	17.7	0.0	25.9	25.9	4.1
16	15.2	24.2	19.9	82.7	19.506	16.9	0.0	0.3	0.3	7.1
17	17.2	23.6	20.0	86.4	20.284	17.7	0.0	1.6	1.6	2.5
18	17.0	21.0	18.8	94.4	20.258	17.7	0.0	0.0	0.0	0.0
19	17.2	22.1	19.6	89.6	20.479	17.9	0.0	0.5	0.5	0.4
20	17.7	23.1	18.9	96.2	20.926	18.2	0.0	0.0	0.0	0.6
21	16.1	24.7	19.8	80.9	18.921	16.6	0.0	0.0	0.0	3.6
22	17.1	24.8	20.2	82.6	19.789	17.3	0.0	0.0	0.0	5.0
23	16.5	25.2	20.7	84.3	20.858	18.1	0.0	3.8	3.8	4.5
24	17.5	23.4	19.0	87.9	19.862	17.4	1.1	0.0	1.1	0.0
25	17.2	24.8	20.8	86.2	21.451	18.6	0.0	0.0	0.0	2.6
26	16.9	22.0	19.1	90.2	20.177	17.7	0.0	0.0	0.0	0.4
27	17.6	23.4	20.2	88.7	21.164	18.4	0.0	15.4	15.4	0.9
28	17.4	22.2	18.3	90.3	19.343	17.0	3.4	0.1	3.5	0.2
29	15.6	23.8	19.1	86.8	19.375	17.0	0.0	0.0	0.0	3.9
30	16.1	23.1	19.4	79.1	18.043	15.8	2.0	0.0	2.0	1.7
31	15.7	23.8	19.5	86.8	19.859	17.4	0.0	0.0	0.0	4.1
PROM.	16.4	23.5	19.6	87.4	20.017	17.5	36.1	213.7	249.8	88.7

ESTACION: LA TRINIDAD MUNICIPIO: LIBANO AÑO: 1.977

ALTITUD: 1.430 LATITUD: 4-55 N. LONGITUD: 75-04 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	22.1	18.6	84.9	18.362	16.1	0.0	0.0	0.0	2.4
2	15.6	24.4	20.3	82.9	19.860	17.3	0.0	0.0	0.0	3.1
3	15.9	24.1	19.7	92.6	21.384	18.5	3.0	1.6	4.6	4.6
4	16.5	22.2	18.8	92.9	19.896	17.4	0.8	10.1	10.9	3.5
5	17.6	23.9	20.4	89.2	21.474	18.6	0.5	27.5	28.0	5.5
6	15.9	24.3	19.0	87.1	19.497	17.0	0.0	0.0	0.0	0.0
7	16.1	21.7	18.5	91.8	19.490	17.1	33.9	5.0	38.9	0.8
8	16.6	23.4	18.8	93.6	20.491	17.9	0.1	0.0	0.1	4.1
9	16.8	24.3	20.3	85.0	20.593	18.0	0.5	3.1	3.6	3.2
10	16.9	22.5	19.3	90.4	20.501	17.9	7.5	0.1	7.6	4.6
11	15.8	23.9	19.7	86.8	19.979	17.4	0.0	0.9	0.9	0.9
12	16.6	22.8	18.9	89.5	19.563	17.1	19.2	25.0	44.2	2.1
13	16.6	22.2	18.3	96.4	20.300	17.8	4.1	2.2	6.3	0.3
14	16.1	22.0	18.2	93.8	19.712	17.2	13.0	8.7	21.7	1.1
15	16.9	20.9	17.8	94.4	19.551	17.1	9.0	0.0	9.0	0.2
16	15.8	23.4	20.1	88.3	20.909	18.1	0.0	8.3	8.3	6.5
17	17.4	23.0	19.5	88.9	20.234	17.7	11.9	3.3	15.2	4.7
18	14.9	24.2	19.8	84.3	19.663	17.1	0.0	0.9	0.9	5.2
19	16.4	25.0	20.5	84.8	20.605	18.0	0.0	0.0	0.0	4.5
20	15.4	24.5	20.2	84.9	20.218	17.6	0.0	0.0	0.0	5.0
21	15.1	24.7	20.2	80.8	19.474	16.9	0.0	0.0	0.0	5.8
22	16.4	24.6	20.6	84.3	20.694	18.0	0.0	1.9	1.9	5.1
23	17.6	24.1	20.3	87.3	20.992	18.3	0.2	0.0	0.2	4.0
24	16.4	25.0	19.8	85.9	20.148	17.6	0.0	0.0	0.0	6.7
25	16.1	23.5	20.1	83.6	19.760	17.2	0.4	6.1	6.5	4.6
26	15.8	24.5	20.2	87.5	21.005	18.3	0.6	0.0	0.6	7.9
27	15.6	23.5	20.0	86.2	20.157	17.6	0.0	0.0	0.0	6.7
28	16.1	24.7	20.3	83.7	20.560	17.9	0.0	0.0	0.0	6.3
29	14.7	26.2	20.7	67.5	16.114	13.9	0.0	0.0	0.0	9.9
30	14.4	25.4	19.5	68.8	16.522	14.2	0.0	0.0	0.0	10.0
PROM.	16.2	23.7	19.6	86.6	19.925	17.4	104.7	104.7	209.4	129.3

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	25.2	19.7	76.8	18.041	15.6	0.0	0.0	0.0	6.2
2	15.8	23.9	19.5	87.7	20.073	17.5	0.0	23.6	23.6	5.1
3	17.8	23.2	20.0	90.8	21.136	18.4	2.5	1.8	4.3	3.9
4	18.4	23.0	19.9	90.9	21.142	18.4	0.0	0.4	0.4	2.2
5	15.9	24.3	20.7	82.1	20.013	17.5	0.0	31.6	31.6	7.7
6	17.2	24.3	20.3	85.8	20.463	17.8	0.0	0.0	0.0	3.4
7	16.6	24.2	20.2	86.4	20.830	18.1	0.0	0.0	0.0	6.4
8	15.5	24.4	19.5	83.0	19.316	16.7	0.0	0.1	0.1	6.1
9	15.4	25.2	20.5	82.7	20.187	17.7	0.7	10.0	10.7	6.1
10	15.8	23.9	18.8	88.9	19.438	17.0	0.0	0.0	0.0	4.7
11	17.5	22.9	20.0	87.7	20.677	18.0	0.0	0.0	0.0	2.4
12	16.1	25.2	20.9	79.2	19.792	17.3	0.0	6.1	6.1	3.4
13	17.0	23.1	16.7	92.2	19.557	17.5	1.1	0.0	1.1	1.6
14	15.1	24.2	20.0	86.1	20.174	17.5	0.0	0.0	0.0	4.6
15	15.6	24.2	19.8	84.9	19.899	17.3	0.0	0.0	0.0	3.6
16	17.1	24.8	20.3	81.4	19.409	17.0	0.0	0.0	0.0	5.3
17	16.0	25.2	20.2	85.1	20.442	17.8	0.0	0.0	0.0	4.4
18	16.0	24.4	20.7	83.6	20.709	18.0	0.0	0.0	0.0	3.3
19	16.7	25.9	20.8	77.5	19.245	16.8	0.0	0.0	0.0	4.7
20	15.0	24.2	19.8	79.9	18.452	16.1	0.0	0.0	0.0	2.9
21	16.0	24.8	19.2	80.4	18.045	15.8	0.0	0.0	0.0	1.8
22	16.0	24.6	20.9	79.9	19.958	17.4	0.0	14.1	14.1	6.7
23	14.3	24.5	20.3	86.4	20.695	18.0	1.4	0.0	1.4	6.0
24	17.0	25.7	21.6	83.1	21.662	18.7	0.0	0.8	0.8	6.1
25	17.3	24.6	21.0	85.1	21.427	18.6	0.0	0.0	0.0	3.2
26	16.9	24.4	19.9	74.4	17.371	15.1	1.1	0.0	1.1	3.6
27	15.8	24.5	20.1	80.8	19.203	16.8	0.0	0.2	0.2	3.0
28	15.5	24.8	20.5	81.9	20.021	17.5	0.4	0.2	0.6	0.5
29	16.0	23.4	19.3	84.1	19.234	16.9	0.0	0.0	0.0	5.1
30	15.0	24.3	20.2	79.2	18.905	16.5	0.0	0.0	0.0	4.3
31	14.4	23.5	19.9	77.6	18.181	15.9	0.0	0.0	0.0	5.2
PROM.	16.1	24.3	20.1	83.4	19.810	17.3	7.2	88.9	96.1	133.5

ESTACION: LA TRINIDAD MUNICIPIO LIBANO AÑO: 1.977

ALTITUD: 1.430 LATITUD: 4-55 N. LONGITUD: 75-04 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.2	24.5	20.0	14.2	26.0	81.5	19.242	16.8	35.0	5	157.3
FEBRERO	16.5	24.8	20.2	15.1	27.5	82.3	19.574	17.1	159.3	21	144.5
MARZO	16.7	25.3	20.7	15.0	28.5	80.6	19.664	17.1	203.6	15	123.7
ABRIL	16.8	23.7	19.9	15.0	26.6	86.1	20.138	17.6	142.1	13	80.6
MAYO	16.9	22.9	19.5	14.7	24.9	89.7	20.493	17.9	315.9	21	70.7
JUNIO	15.8	23.9	19.7	14.3	26.0	84.5	19.513	17.1	199.0	15	150.0
JULIO	15.7	24.8	20.1	14.4	27.8	77.5	18.254	16.0	158.7	15	196.7
AGOSTO	15.6	24.4	19.8	13.6	26.6	79.9	18.551	16.3	191.9	18	189.9
SEPTIEMBRE	16.0	25.1	20.3	14.4	27.6	76.6	18.022	15.8	175.5	16	161.1
OCTUBRE	16.4	23.5	19.6	14.4	25.7	87.4	20.017	17.5	249.8	20	88.7
NOVIEMBRE	16.2	23.7	19.6	14.4	26.2	86.6	19.925	17.4	209.4	19	129.3
DICIEMBRE	16.1	24.3	20.1	14.3	25.9	83.4	19.810	17.3	96.1	14	133.5
PROMEDIO	16.2	24.2	20.0	14.5	26.6	83.0	19.434	17.0			
TOTAL									2136.3	192	1626.0

ESTACION: CHAPETON MUNICIPIO: IBAGUE AÑO: 1.977

ALTITUD: 1.300 LATITUD: 4-27 N. LONGITUD: 75-16 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	27.1	20.5	81.1	19.439	17.0	0.2	0.0	0.2	3.8
2	15.0	27.1	20.6	77.6	18.283	16.0	1.3	0.0	1.3	4.4
3	15.0	27.5	22.3	77.4	20.203	17.6	0.0	1.7	1.7	7.6
4	16.0	27.0	20.6	83.8	20.454	17.8	0.5	0.0	0.5	7.0
5	17.0	28.6	21.4	70.1	17.945	15.7	0.0	0.0	0.0	9.7
6	14.5	28.3	20.8	68.5	16.367	14.3	0.0	0.0	0.0	9.6
7	13.6	27.5	20.0	80.3	18.146	15.9	0.0	0.0	0.0	9.5
8	14.4	27.3	21.0	69.7	17.685	15.4	0.0	0.0	0.0	9.1
9	15.0	28.1	21.5	74.5	18.593	16.3	0.0	0.0	0.0	9.4
10	14.5	27.0	19.7	77.4	17.864	15.6	0.0	0.0	0.0	6.9
11	14.0	27.0	20.9	79.7	19.143	16.7	0.0	0.0	0.0	7.3
12	16.0	27.1	20.5	78.2	18.734	16.5	0.0	0.0	0.0	7.9
13	15.0	27.6	21.6	74.5	18.805	16.4	0.0	0.0	0.0	8.1
14	14.0	28.6	22.1	76.0	19.083	16.7	0.0	0.0	0.0	7.3
15	18.5	29.1	23.3	69.6	19.310	16.9	0.0	0.0	0.0	5.9
16	16.5	27.6	21.8	69.8	18.392	16.2	0.0	0.0	0.0	8.4
17	16.4	30.3	22.0	73.8	19.306	16.9	0.0	2.6	2.6	8.0
18	17.0	26.8	21.1	82.3	20.249	17.7	0.9	0.7	1.6	2.4
19	17.5	25.6	20.4	87.0	21.021	18.3	30.8	1.2	32.0	4.4
20	17.0	26.8	21.2	83.1	20.603	18.0	1.1	0.0	1.1	7.1
21	15.5	28.3	20.5	85.9	20.499	17.8	0.0	0.0	0.0	8.9
22	15.5	27.5	20.3	79.1	18.771	16.4	0.0	0.0	0.0	7.7
23	15.5	29.0	22.2	71.5	19.057	16.6	0.0	6.9	6.9	9.0
24	17.5	26.8	21.0	82.2	20.442	17.8	0.0	0.0	0.0	4.3
25	16.5	26.7	21.3	76.7	19.474	17.0	0.0	1.4	1.4	5.2
26	17.5	26.8	21.1	80.9	20.163	17.6	12.3	0.0	12.3	3.9
27	14.0	27.6	21.6	75.4	19.602	16.9	0.0	0.0	0.0	8.1
28	16.6	27.8	21.5	77.7	19.868	17.4	0.0	0.0	0.0	7.8
29	16.5	27.7	21.3	80.1	19.879	17.4	0.0	0.2	0.2	5.6
30	16.8	27.3	20.9	76.3	18.723	16.4	0.0	0.0	0.0	8.4
31	15.4	27.3	20.5	79.2	18.741	16.5	0.3	0.0	0.3	6.1
PROM.	15.8	27.6	21.1	77.4	19.189	16.8	47.4	14.7	62.1	218.8

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	27.3	20.7	82.2	19.969	17.4	2.7	12.6	15.3	3.7
2	17.0	27.1	21.3	84.4	21.204	18.4	0.0	0.3	0.3	6.3
3	16.5	27.6	21.4	75.3	18.996	16.7	0.0	4.3	4.3	8.3
4	15.0	27.4	20.5	69.9	16.498	14.5	0.0	0.0	0.0	9.4
5	13.5	28.1	20.2	80.7	18.573	16.2	0.0	0.0	0.0	9.2
6	15.5	27.0	21.9	78.4	20.317	17.6	0.0	0.0	0.0	6.7
7	15.5	23.4	19.9	86.8	20.099	17.6	7.7	0.0	7.7	0.2
8	16.0	27.7	21.5	78.6	19.745	17.3	0.0	0.0	0.0	7.9
9	15.0	27.4	21.2	72.2	17.967	15.8	0.0	0.0	0.0	7.7
10	15.0	29.4	22.8	65.3	18.038	15.8	0.0	0.0	0.0	9.6
11	16.5	28.0	21.3	80.8	20.206	17.6	2.2	0.2	2.4	5.6
12	18.0	23.7	19.9	86.3	20.203	17.7	6.1	0.0	6.1	1.2
13	16.5	27.5	21.7	78.1	20.320	17.7	0.0	2.0	2.0	8.1
14	17.0	24.5	19.0	90.2	19.847	17.4	16.3	0.0	16.3	2.3
15	17.5	27.3	21.9	81.0	20.786	18.1	0.4	3.0	3.4	5.9
16	18.5	27.4	22.2	77.1	20.496	17.9	0.8	0.0	0.8	4.9
17	17.5	25.6	21.4	82.7	20.964	18.2	0.2	0.0	0.2	4.5
18	16.0	26.3	20.6	82.2	19.678	17.2	0.2	0.0	0.2	5.1
19	17.0	25.6	19.2	84.1	18.800	16.5	0.7	0.0	0.7	2.5
20	15.0	24.6	19.4	86.6	19.468	17.0	0.0	0.0	0.0	1.9
21	16.0	25.6	20.2	83.1	19.631	17.1	0.0	0.0	0.0	4.1
22	17.5	26.8	21.2	78.9	19.879	17.4	0.0	0.0	0.0	4.3
23	14.5	27.6	22.1	69.8	18.549	16.1	0.0	0.0	0.0	9.6
24	17.0	26.6	21.1	76.1	19.220	16.8	0.0	0.3	0.3	6.5
25	17.5	25.0	20.5	81.4	19.682	17.2	0.0	0.0	0.0	1.4
26	16.0	28.6	22.6	65.9	17.156	15.1	0.0	0.0	0.0	6.2
27	16.0	27.0	22.2	69.0	18.416	16.2	0.0	0.0	0.0	3.2
28	16.6	27.6	21.4	74.0	18.569	16.3	0.5	0.0	0.5	4.1
PROM.	16.3	26.7	21.0	78.6	19.403	17.0	37.8	22.7	60.5	150.4

ESTACION: CHAPETON MUNICIPIO: IBAGUE AÑO: 1.977

ALTITUD: 1.300 LATITUD: 4-27 N. LONGITUD: 75-16 W.

M E S - MARZO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	27.3	21.2	75.8	19.174	16.8	0.0	0.0	0.0	5.3
2	16.5	27.5	20.3	81.1	19.030	16.6	0.1	3.8	3.9	2.1
3	16.5	27.6	21.9	73.1	19.082	16.7	0.0	0.0	0.0	7.9
4	16.0	29.3	22.3	66.1	17.319	15.2	0.0	0.0	0.0	9.0
5	16.4	29.4	22.3	68.4	17.743	15.6	0.0	0.0	0.0	8.6
6	17.5	30.0	22.2	63.7	16.776	14.7	0.0	0.0	0.0	7.0
7	16.5	30.0	22.3	61.1	15.992	14.0	0.0	0.0	0.0	9.8
8	19.5	29.5	23.0	51.7	14.756	12.7	0.0	0.0	0.0	4.0
9	17.0	29.0	23.5	61.8	17.366	15.3	0.0	0.0	0.0	6.2
10	18.0	30.9	24.7	58.6	17.460	15.3	0.0	0.0	0.0	9.0
11	17.0	31.0	23.5	54.6	15.737	13.8	0.0	0.0	0.0	5.7
12	16.5	30.6	22.5	65.0	17.543	15.4	0.0	0.0	0.0	7.1
13	17.0	27.4	20.3	77.9	18.127	15.9	1.0	0.0	1.0	4.9
14	15.5	26.6	20.7	78.7	18.927	16.6	0.0	0.2	0.2	6.0
15	17.0	26.8	22.1	77.0	20.219	17.6	0.0	0.1	0.1	2.4
16	17.0	23.6	20.2	82.1	19.845	17.4	9.8	0.0	9.8	0.1
17	15.4	27.5	21.8	76.5	20.103	17.5	0.0	1.4	1.4	4.3
18	17.5	27.0	21.9	77.1	19.966	17.4	0.0	10.5	10.5	3.4
19	17.0	28.1	21.7	76.2	19.707	17.2	0.0	7.1	7.1	3.4
20	17.5	28.6	22.6	73.9	20.158	17.6	0.0	0.0	0.0	5.4
21	17.0	29.6	23.1	68.3	18.682	16.4	0.0	0.9	0.9	8.3
22	17.5	27.4	21.9	80.0	20.890	18.1	0.0	0.0	0.0	2.3
23	17.0	26.6	21.9	77.8	20.299	17.7	0.1	9.6	9.7	2.9
24	17.5	26.8	21.8	84.7	21.737	18.8	0.0	0.6	0.6	4.8
25	18.0	27.4	22.5	82.1	22.335	19.3	1.4	1.4	2.8	3.6
26	17.1	27.1	21.2	85.2	21.464	18.6	1.2	0.9	2.1	4.9
27	17.5	27.2	22.1	78.7	20.681	18.0	0.0	0.0	0.0	5.0
28	17.6	23.7	20.5	82.1	19.876	17.4	0.5	5.8	6.3	1.4
29	17.4	26.9	21.8	82.1	21.192	18.4	0.0	0.1	0.1	8.7
30	17.5	24.0	20.5	85.8	20.187	17.6	0.0	6.0	6.0	1.1
31	17.3	25.6	20.5	85.0	20.713	18.0	0.9	0.0	0.9	4.3
PROM.	17.1	27.7	21.9	73.9	19.132	16.7	15.0	48.4	63.4	158.9

M E S - ABRIL

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	24.0	19.9	85.6	20.044	17.4	0.0	4.8	4.8	2.9
2	17.4	25.0	20.5	84.8	20.470	17.9	1.0	1.1	2.1	1.5
3	16.5	23.7	19.9	89.7	20.971	18.2	4.7	2.9	7.6	4.1
4	15.5	23.0	18.8	88.1	19.212	16.8	2.5	0.2	2.7	1.4
5	15.0	26.0	20.2	83.1	19.470	17.0	0.0	0.0	0.0	7.3
6	17.0	24.0	20.2	84.6	19.898	17.4	0.1	0.0	0.1	2.8
7	17.0	26.0	20.3	80.7	19.094	16.7	0.0	0.0	0.0	2.5
8	17.0	26.0	21.0	79.2	19.805	17.3	0.0	0.0	0.0	4.9
9	17.5	26.4	21.8	76.2	19.984	17.5	0.0	0.0	0.0	7.0
10	17.0	25.0	20.7	84.1	20.672	17.9	3.7	0.0	3.7	4.7
11	18.0	24.0	21.0	87.4	21.554	18.6	1.6	0.1	1.7	4.0
12	17.4	26.0	21.1	79.8	20.571	17.8	0.0	0.0	0.0	1.7
13	17.1	27.0	21.3	79.4	20.268	17.7	0.0	0.0	0.0	8.5
14	16.8	27.0	21.2	80.3	20.178	17.6	0.0	0.0	0.0	2.8
15	16.8	29.0	22.0	65.5	17.129	15.1	0.0	0.0	0.0	8.5
16	17.0	26.0	21.0	79.4	19.548	17.1	0.0	0.0	0.0	3.6
17	18.0	26.5	21.9	77.3	20.282	17.7	0.0	0.0	0.0	4.0
18	17.4	28.4	23.2	73.7	20.561	17.9	0.0	9.6	9.6	8.6
19	18.0	28.0	22.9	75.1	21.042	18.3	0.0	0.0	0.0	4.7
20	19.0	29.0	22.5	68.1	18.910	16.5	0.0	0.0	0.0	9.2
21	18.0	25.6	21.0	78.3	19.642	17.2	0.0	0.0	0.0	0.0
22	18.0	28.0	22.8	72.8	19.877	17.4	0.0	9.2	9.2	9.7
23	17.0	24.0	20.0	86.6	20.112	17.5	1.1	0.0	1.1	0.0
24	16.0	22.0	19.6	90.2	20.290	17.7	0.0	14.5	14.5	0.3
25	17.0	25.0	21.1	84.4	20.667	18.1	0.0	0.0	0.0	6.6
26	17.0	22.0	19.6	86.1	19.620	17.2	0.5	2.6	3.1	0.1
27	17.0	23.0	19.9	89.3	20.702	18.0	3.4	5.4	8.8	0.8
28	17.0	25.0	19.7	82.2	19.092	16.8	26.7	2.1	28.8	3.6
29	17.0	23.0	20.4	85.6	20.205	17.8	0.0	0.0	0.0	4.1
30	16.2	22.0	19.7	88.1	20.116	17.5	1.0	0.6	1.6	2.2
PROM.	17.0	25.3	20.8	81.5	20.000	17.4	46.3	53.1	99.4	122.1

ESTACION: CHAPETON MUNICIPIO: IBAGUE AÑO: 1.977

ALTITUD: 1.300 LATITUD: 4-27 N. LONGITUD: 75-16 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.0	20.4	85.6	20.234	17.7	0.0	0.0	0.0	4.8
2	16.6	25.1	20.4	85.9	20.653	18.0	0.0	0.0	0.0	4.9
3	17.4	26.8	20.9	85.7	21.328	18.5	0.2	0.1	0.3	5.7
4	16.6	27.5	21.7	74.7	19.684	17.2	0.0	12.5	12.5	7.6
5	16.4	24.4	20.0	86.7	20.308	17.7	0.4	0.0	0.4	1.9
6	16.1	25.7	20.4	83.6	20.112	17.5	0.0	0.0	0.0	5.1
7	16.5	26.8	21.4	77.7	19.861	17.3	0.6	3.7	4.3	5.8
8	16.8	26.9	21.3	84.5	21.463	18.6	0.4	0.0	0.4	7.0
9	16.0	26.8	19.8	87.2	20.405	17.7	7.9	0.0	7.9	4.9
10	16.8	26.8	21.4	83.8	21.350	18.5	1.1	16.8	17.9	4.5
11	17.0	25.3	21.7	83.9	21.773	18.9	9.5	51.5	61.0	3.5
12	17.3	27.2	22.1	79.0	20.790	18.1	0.0	0.0	0.0	7.0
13	18.5	28.0	22.0	77.4	20.426	17.8	0.0	0.0	0.0	4.8
14	18.0	26.8	21.0	83.0	20.625	18.0	0.0	6.5	6.5	3.1
15	17.1	22.4	18.9	93.0	20.372	17.8	5.9	0.0	5.9	2.5
16	15.3	24.7	20.1	86.1	20.173	17.6	6.5	0.0	6.5	6.9
17	17.4	26.5	21.1	87.2	21.741	18.8	0.0	0.0	0.0	8.1
18	17.3	27.5	20.8	78.5	19.558	17.1	0.1	0.0	0.1	6.4
19	17.5	28.0	21.6	76.7	19.911	17.4	0.0	0.0	0.0	4.8
20	18.0	26.5	21.0	80.8	19.734	17.2	0.0	0.0	0.0	0.3
21	17.0	27.4	21.6	76.1	19.817	17.3	0.0	0.0	0.0	3.9
22	16.8	28.0	22.0	79.8	21.034	18.3	0.0	2.7	2.7	5.0
23	17.4	24.4	19.7	90.9	20.875	18.1	1.5	3.5	5.0	1.0
24	15.5	25.8	20.8	83.8	20.758	18.0	0.0	0.0	0.0	4.9
25	17.5	25.5	20.7	83.0	20.311	17.8	2.8	0.0	2.8	2.0
26	16.0	28.0	21.7	79.9	20.648	18.2	0.3	0.8	1.1	6.0
27	17.3	25.8	18.7	90.7	19.436	17.1	36.9	0.0	36.9	1.2
28	17.0	27.5	21.2	79.2	19.754	17.3	0.0	2.6	2.6	5.5
29	18.0	26.0	20.4	83.4	20.132	17.6	10.7	0.0	10.7	2.4
30	17.1	28.0	21.9	76.1	19.764	17.3	0.0	0.0	0.0	3.2
31	15.5	27.0	20.7	80.5	19.636	17.2	0.0	0.0	0.0	6.3
PROM.	16.9	26.4	20.9	82.7	20.416	17.8	84.8	100.7	185.5	141.0

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	27.9	21.7	76.1	19.846	17.4	0.0	18.5	18.5	7.6
2	17.4	24.5	19.7	82.3	18.989	16.7	0.4	0.8	1.2	3.9
3	17.4	27.0	20.8	78.7	19.583	17.2	0.0	1.7	1.7	6.3
4	17.0	25.5	19.5	89.4	20.333	17.7	11.3	0.0	11.3	2.1
5	15.3	27.0	19.7	86.2	20.168	17.5	1.8	0.0	1.8	5.7
6	16.5	27.0	21.0	76.7	18.855	16.6	0.3	0.0	0.3	8.7
7	18.2	25.8	20.2	85.9	21.131	18.3	9.8	0.0	9.8	1.7
8	16.8	26.1	20.7	84.8	20.793	18.1	0.0	0.0	0.0	6.3
9	17.0	27.1	21.0	77.4	19.171	16.8	0.0	0.0	0.0	8.1
10	16.8	25.5	18.8	85.1	18.713	16.4	24.4	0.0	24.4	1.4
11	15.7	27.4	20.9	77.5	19.254	16.8	0.0	0.0	0.0	7.4
12	17.0	24.0	19.7	86.7	19.906	17.4	0.0	19.4	19.4	2.8
13	17.0	26.0	20.7	81.6	19.702	17.2	0.1	19.2	19.3	5.1
14	17.5	24.5	19.8	90.6	20.637	18.0	7.4	2.3	9.7	4.2
15	16.5	26.5	21.1	78.8	19.401	17.0	0.0	0.0	0.0	7.1
16	15.6	27.0	21.5	68.8	17.424	15.3	0.1	3.9	4.0	3.1
17	16.6	28.3	21.9	64.7	16.720	14.5	0.0	0.2	0.2	5.6
18	17.0	28.0	22.3	72.2	19.080	16.7	0.0	0.0	0.0	8.6
19	17.3	28.0	21.7	76.3	19.703	17.2	0.0	0.0	0.0	8.7
20	16.8	27.0	21.1	75.5	18.851	16.5	5.3	17.9	23.2	5.3
21	16.5	24.0	20.0	87.6	20.433	17.8	3.3	0.0	3.3	3.8
22	16.5	27.6	20.6	81.7	19.857	17.3	0.0	0.0	0.0	8.6
23	17.5	27.4	21.3	77.4	19.587	17.1	0.0	0.0	0.0	7.4
24	17.0	27.6	21.1	78.0	19.748	17.3	0.0	0.0	0.0	7.2
25	18.0	27.4	21.3	74.0	18.967	16.7	0.0	0.0	0.0	7.6
26	16.9	28.0	22.4	62.3	16.853	14.8	0.0	0.0	0.0	6.4
27	16.7	27.6	21.7	76.9	19.405	17.0	0.0	0.0	0.0	8.6
28	17.5	26.0	20.7	79.1	19.389	17.0	0.2	0.0	0.2	3.0
29	16.5	26.1	21.2	78.5	19.487	17.0	0.1	6.5	6.6	2.6
30	17.5	27.6	22.1	69.7	18.101	15.9	0.0	6.4	6.4	8.3
PROM.	16.9	26.6	20.9	78.7	19.336	16.9	64.5	96.8	161.3	173.2

ESTACION: CHAPETON MUNICIPIO: IEAGUE AÑO: 1.977

ALTITUD: 1.300 LATITUD: 4-27 N. LONGITUD: 75-16 W.

M E S – JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	26.0	20.7	79.0	19.360	16.9	0.1	0.1	0.2	5.5
2	17.6	27.7	22.2	76.1	19.844	17.4	0.0	0.1	0.1	7.6
3	18.4	28.6	22.1	73.0	19.384	16.9	0.0	2.7	2.7	9.1
4	17.5	26.8	21.6	74.7	18.782	16.5	0.1	0.0	0.1	6.8
5	15.5	27.6	21.7	67.3	16.561	14.5	0.0	1.3	1.3	9.2
6	17.6	26.7	20.7	83.9	20.348	17.8	2.7	8.0	10.7	4.4
7	17.5	25.4	20.0	83.7	19.497	17.1	20.5	0.5	21.0	2.0
8	17.5	25.0	19.9	86.7	20.214	17.7	0.8	0.0	0.8	4.7
9	17.3	26.0	19.8	83.0	19.375	17.0	0.0	0.0	0.0	2.6
10	16.0	27.4	20.7	76.3	18.196	16.0	0.0	0.0	0.0	8.4
11	16.0	28.4	20.9	70.3	16.908	14.9	0.0	0.0	0.0	9.8
12	16.5	26.0	20.1	75.6	17.776	15.7	0.0	0.0	0.0	1.5
13	14.5	27.0	20.2	76.1	17.448	15.3	0.0	0.0	0.0	9.5
14	17.0	27.5	21.7	77.7	19.793	17.3	0.0	0.3	0.3	5.2
15	18.0	27.5	22.9	75.0	20.165	17.6	0.0	0.6	0.6	3.8
16	17.0	26.9	20.0	83.9	19.531	17.1	0.0	0.0	0.0	0.9
17	17.5	27.6	21.6	69.4	17.317	15.1	0.0	0.0	0.0	4.1
18	16.5	29.0	21.5	70.3	17.622	15.5	0.0	0.0	0.0	6.0
19	17.5	28.8	21.2	65.7	16.836	14.8	0.0	0.2	0.2	9.1
20	17.4	29.0	22.4	67.2	18.281	16.1	0.0	0.0	0.0	8.4
21	16.5	29.6	21.5	72.3	18.077	15.9	0.0	0.0	0.0	9.7
22	15.2	29.8	22.5	63.5	16.763	14.7	0.0	0.0	0.0	9.4
23	16.4	29.5	23.1	68.1	18.996	16.7	0.0	0.0	0.0	9.3
24	17.0	27.5	21.8	74.9	19.437	17.1	0.0	0.0	0.0	1.3
25	17.5	27.6	21.4	80.1	20.359	17.8	0.0	1.7	1.7	5.8
26	17.6	26.9	20.9	80.6	19.821	17.4	0.0	34.6	34.6	6.2
27	16.5	22.8	19.0	90.6	19.949	17.5	6.4	3.0	9.4	6.5
28	16.5	27.9	20.6	70.7	16.705	14.5	0.0	0.0	0.0	6.0
29	17.6	29.9	23.0	54.3	15.277	13.2	0.0	0.0	0.0	9.7
30	16.5	29.6	21.6	70.2	17.400	15.2	0.0	0.0	0.0	10.0
31	17.0	27.5	22.0	77.4	20.346	17.7	0.0	0.2	0.2	6.1
PROM.	16.9	27.5	21.3	74.8	18.593	16.3	30.6	53.3	83.9	192.6

M E S – AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	24.9	19.5	93.9	21.353	18.5	13.6	6.3	19.9	3.5
2	16.5	26.5	20.2	83.2	19.998	17.5	0.1	0.0	0.1	4.5
3	15.5	27.1	21.2	65.3	16.369	14.3	0.0	1.1	1.1	3.7
4	16.0	26.8	21.0	78.7	19.220	16.9	0.0	0.0	0.0	8.1
5	16.3	26.6	20.9	75.1	18.273	16.0	0.0	1.0	1.0	4.4
6	17.5	26.9	21.3	79.4	19.797	17.3	0.0	2.0	2.0	4.1
7	17.3	28.4	22.7	75.2	20.605	18.0	0.1	0.4	0.5	5.2
8	18.5	27.3	22.1	75.5	19.763	17.3	0.0	0.1	0.1	6.8
9	17.6	27.3	20.9	73.6	17.897	15.7	0.0	0.0	0.0	6.8
10	16.5	28.1	22.0	73.4	18.969	16.7	0.0	0.2	0.2	6.7
11	17.0	29.5	21.6	77.4	19.473	17.0	0.0	0.0	0.0	9.0
12	16.0	28.8	22.0	77.3	20.195	17.6	0.0	0.0	0.0	8.1
13	17.5	27.5	22.1	79.1	20.494	17.9	0.0	2.5	2.5	8.1
14	17.6	26.5	21.5	78.5	20.166	17.5	0.1	0.0	0.1	5.5
15	17.5	27.8	22.0	73.1	18.838	16.5	0.0	31.3	31.3	9.0
16	17.2	25.0	19.1	94.0	20.473	17.9	4.9	0.0	4.9	1.3
17	16.4	28.5	21.4	70.0	17.021	14.9	0.0	0.0	0.0	9.3
18	16.5	27.4	21.0	69.1	16.697	14.6	0.0	0.0	0.0	9.0
19	16.0	27.6	21.4	72.0	18.164	15.9	0.0	7.4	7.4	9.1
20	17.4	25.5	20.8	82.7	20.279	17.7	2.0	11.8	13.8	3.6
21	16.5	24.0	19.4	87.9	19.747	17.3	0.5	0.0	0.5	1.4
22	16.3	27.4	20.7	76.5	18.786	16.5	0.0	0.0	0.0	7.1
23	16.0	27.0	20.9	68.4	16.486	14.5	0.0	0.0	0.0	10.3
24	17.5	28.5	22.0	59.8	15.642	13.5	0.0	0.0	0.0	8.9
25	16.0	29.8	21.8	62.1	16.170	14.0	0.0	0.0	0.0	5.4
26	17.5	27.8	21.6	74.2	18.855	16.5	0.0	0.0	0.0	5.0
27	17.0	27.8	20.4	72.4	17.465	15.4	0.0	0.0	0.0	8.5
28	18.0	29.5	21.4	69.7	17.775	15.5	0.0	0.0	0.0	9.0
29	16.5	29.9	22.2	65.3	16.637	14.6	0.0	0.0	0.0	9.1
30	17.0	28.5	21.7	73.0	18.558	16.3	0.0	3.0	3.0	7.6
31	18.0	28.4	21.6	65.5	16.399	14.4	0.3	0.0	0.3	2.5
PROM.	16.9	27.5	21.2	74.9	18.599	16.3	21.6	67.1	88.7	200.6

ESTACION: CHAPETON MUNICIPIO: IBAGUE AÑO: 1.977

ALTITUD: 1.300 LATITUD: 4-27 N. LONGITUD: 75-16 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	27.9	21.3	60.7	15.512	13.5	0.0	0.0	0.0	8.0
2	18.4	29.5	22.7	68.4	18.359	16.1	0.0	0.0	0.0	8.2
3	17.0	28.5	22.2	71.6	18.713	16.4	0.0	0.0	0.0	6.3
4	16.9	30.1	24.1	58.1	16.705	14.6	0.0	3.4	3.4	7.6
5	18.5	27.5	21.8	72.2	18.627	16.3	0.0	0.0	0.0	2.1
6	16.5	28.0	21.8	59.0	15.345	13.3	0.0	0.0	0.0	6.2
7	17.5	29.9	22.6	58.6	15.602	13.5	0.0	0.0	0.0	9.9
8	16.5	29.9	24.9	57.6	17.895	15.7	0.0	0.0	0.0	6.4
9	18.5	29.9	22.3	71.1	18.711	16.4	0.0	0.0	0.0	8.8
10	20.0	28.5	23.0	62.8	17.459	15.3	0.0	0.0	0.0	1.9
11	19.5	30.5	23.5	61.3	17.831	15.7	0.0	0.0	0.0	8.8
12	17.5	26.9	21.2	67.7	17.004	15.0	0.0	0.0	0.0	1.1
13	16.0	26.8	20.2	81.0	19.243	16.9	1.5	6.0	7.5	2.7
14	17.5	23.5	20.6	79.4	19.047	16.7	14.4	0.0	14.4	0.0
15	16.0	26.9	21.3	72.6	17.756	15.6	0.0	0.0	0.0	5.5
16	17.5	27.9	21.5	74.1	18.543	16.3	0.0	0.0	0.0	6.3
17	16.9	29.5	22.1	71.8	18.549	16.3	0.0	0.0	0.0	8.9
18	16.0	29.4	22.2	76.3	20.215	17.7	0.0	21.0	21.0	9.5
19	17.0	27.6	20.6	87.4	21.161	18.4	0.0	6.5	6.5	7.4
20	17.0	27.0	21.4	80.1	20.213	17.7	0.4	8.7	9.1	6.6
21	18.0	26.5	21.0	85.2	21.003	18.3	0.0	19.1	19.1	5.9
22	17.0	27.5	21.0	69.4	16.308	13.6	0.0	0.0	0.0	4.8
23	18.5	26.5	21.2	85.2	21.628	18.7	1.2	0.0	1.2	3.7
24	16.0	28.1	21.6	82.3	21.125	18.3	0.0	12.6	12.6	8.7
25	17.0	26.5	21.5	82.2	21.078	18.3	4.7	9.2	13.9	5.9
26	15.5	24.9	20.2	86.7	20.212	17.6	0.0	13.1	13.1	5.4
27	17.8	21.0	18.5	95.3	20.160	17.6	11.4	1.0	12.4	0.0
28	16.6	24.9	19.5	87.9	19.607	17.2	0.9	0.0	0.9	1.3
29	16.8	25.5	20.1	84.0	19.622	17.2	6.0	0.0	6.0	2.0
30	16.8	26.5	21.5	82.2	20.828	18.0	1.6	15.5	17.1	6.3
PROM.	17.3	27.5	21.6	74.4	18.802	16.4	42.1	116.1	158.2	166.2

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	24.5	19.9	84.6	19.501	17.1	0.0	6.6	6.6	4.0
2	17.0	26.0	21.1	81.8	20.034	17.5	0.0	0.0	0.0	5.3
3	17.0	27.5	21.1	79.9	19.971	17.4	0.0	0.0	0.0	9.2
4	17.4	27.4	21.7	78.1	19.942	17.4	0.4	8.1	8.5	7.1
5	17.5	26.8	20.8	79.8	19.580	17.1	0.0	0.0	0.0	6.6
6	16.5	26.8	20.2	79.0	18.384	16.1	10.4	1.2	11.6	1.9
7	16.8	26.8	21.2	83.8	20.887	18.1	0.8	0.0	0.8	5.0
8	17.3	25.0	19.8	87.1	20.407	17.8	0.0	0.0	0.0	3.1
9	17.5	25.5	20.6	82.1	19.963	17.5	2.5	0.0	2.5	1.2
10	17.5	23.0	19.0	93.2	20.776	18.1	9.0	1.2	10.2	0.4
11	17.5	25.6	20.7	83.9	20.532	17.9	3.1	13.7	16.8	4.6
12	17.5	26.9	20.2	83.0	19.892	17.4	0.1	6.1	6.2	5.4
13	17.0	25.1	18.9	87.6	19.505	17.1	10.0	0.0	10.0	1.6
14	16.0	26.8	20.2	85.8	20.421	17.8	0.0	0.0	0.0	6.5
15	17.5	27.8	21.7	80.2	20.773	18.1	0.0	58.2	58.2	7.3
16	16.0	27.5	21.6	77.2	20.178	17.5	0.0	0.1	0.1	6.4
17	16.6	27.8	20.9	84.5	20.981	18.2	2.0	0.0	2.0	3.4
18	19.0	28.3	21.4	81.2	20.722	18.1	0.4	0.0	0.4	1.6
19	18.0	29.5	23.1	76.3	21.367	18.5	0.0	0.4	0.4	4.3
20	20.0	28.1	22.9	70.8	19.813	17.3	0.0	0.2	0.2	2.9
21	19.0	29.3	22.1	78.3	20.618	18.0	0.0	0.0	0.0	5.8
22	18.4	28.1	21.9	82.2	21.417	18.5	0.0	0.0	0.0	3.1
23	16.9	29.0	21.8	86.3	22.515	19.3	0.0	16.3	16.3	5.8
24	18.8	24.0	20.4	90.4	21.664	18.8	9.9	0.0	9.9	0.6
25	18.0	28.1	20.9	85.0	20.967	18.1	3.1	0.0	3.1	3.9
26	18.1	25.8	20.0	91.1	21.210	18.4	0.7	0.0	0.7	0.3
27	18.0	27.0	22.1	76.9	20.229	17.7	0.0	0.0	0.0	3.3
28	16.9	26.1	20.9	78.9	19.709	17.3	12.4	0.1	12.5	1.8
29	17.5	27.5	20.4	83.8	20.222	17.7	0.0	0.0	0.0	4.2
30	16.5	28.0	20.6	81.2	19.521	17.1	1.9	0.2	2.1	0.5
31	18.5	28.0	21.2	84.3	21.254	18.5	0.0	13.7	13.7	0.6
PROM.	17.5	26.9	20.9	82.5	20.418	17.8	66.7	126.1	192.8	117.7

TACION: CHAPETON MUNICIPIO: IBAGUE AÑO: 1.977

.TITUD: 1.300 LATITUD: 4-27 N. LONGITUD: 75-16 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.9	26.1	19.3	88.2	19.785	17.3	1.0	0.0	1.0	1.1
2	15.5	27.6	21.7	82.0	21.466	18.5	0.0	0.0	0.0	6.0
3	17.5	27.4	21.4	82.8	21.522	18.6	9.1	48.0	57.1	7.0
4	17.5	24.5	20.6	91.0	21.691	18.9	1.6	0.0	1.6	0.5
5	17.5	27.5	21.4	86.6	22.401	19.3	3.2	16.5	19.7	6.8
6	16.0	26.5	20.9	87.1	21.373	18.5	4.7	31.8	36.5	3.9
7	18.0	26.7	20.0	88.6	20.595	18.3	9.9	0.0	9.9	1.2
8	17.5	23.8	19.9	89.1	20.503	17.8	0.0	3.5	3.5	0.7
9	17.9	26.5	20.6	92.0	22.154	19.1	0.0	0.0	0.0	5.4
10	17.5	26.1	19.5	87.8	20.140	17.6	7.1	0.0	7.1	3.4
11	17.0	25.5	19.7	90.1	20.655	18.1	0.0	2.7	2.7	2.2
12	17.0	25.4	20.7	89.3	21.595	18.7	0.6	0.8	1.4	3.4
13	17.5	23.0	19.6	92.1	21.130	18.4	4.4	0.0	4.4	1.3
14	17.4	24.0	19.8	91.5	21.008	18.3	0.0	0.0	0.0	0.8
15	16.7	25.0	19.8	82.7	19.525	16.9	4.8	0.0	4.8	1.1
16	16.6	28.0	20.6	86.9	20.692	18.0	0.1	0.8	0.9	7.3
17	17.3	27.5	21.3	81.5	20.673	18.0	3.9	0.0	3.9	5.9
18	18.0	26.5	21.4	86.8	21.986	19.0	0.0	19.8	19.8	5.9
19	16.0	27.5	21.3	81.0	20.668	17.9	0.0	0.0	0.0	4.3
20	16.8	27.0	20.2	89.1	21.369	18.4	0.0	0.0	0.0	7.4
21	17.0	28.0	21.8	83.3	21.471	18.5	0.0	0.0	0.0	9.0
22	18.0	27.1	21.6	77.3	20.300	17.5	0.0	4.5	4.5	8.6
23	17.5	27.8	19.8	88.1	20.179	17.6	9.8	0.0	9.8	5.3
24	17.5	27.1	21.1	84.6	21.334	18.5	0.0	0.0	0.0	6.4
25	16.8	26.3	21.0	81.7	20.288	17.7	6.5	0.1	6.6	3.4
26	17.0	26.0	20.0	85.5	20.169	17.6	19.7	0.0	19.7	2.8
27	17.5	27.5	21.2	84.2	21.281	18.5	0.0	0.0	0.0	6.7
28	19.0	28.8	21.9	86.7	22.835	19.6	0.9	0.0	0.9	5.2
29	16.5	28.5	21.0	78.4	19.605	17.1	0.0	0.0	0.0	8.8
30	18.0	28.8	20.9	65.5	16.652	14.2	0.0	0.0	0.0	9.0
PROM.	17.2	26.6	20.7	85.4	20.862	18.1	87.3	128.5	215.8	140.8

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	27.9	20.2	81.1	19.180	16.8	0.0	0.0	0.0	7.7
2	16.6	27.6	21.3	76.7	19.495	17.0	2.6	5.0	7.6	6.4
3	18.0	26.5	20.3	92.7	22.081	19.0	3.2	0.0	3.2	3.9
4	16.8	27.6	20.7	85.7	21.475	18.6	0.0	0.0	0.0	3.3
5	16.8	28.4	21.2	81.9	20.508	17.8	0.0	0.1	0.1	8.7
6	18.6	28.0	22.1	74.7	20.059	17.5	1.4	0.0	1.4	3.4
7	18.1	27.5	21.5	84.8	21.708	18.8	0.0	0.0	0.0	5.1
8	17.3	28.4	22.2	79.1	21.507	18.6	0.0	3.4	3.4	7.8
9	18.6	29.5	21.5	82.9	21.256	18.4	0.0	0.0	0.0	6.2
10	18.7	29.0	22.6	75.0	20.315	17.7	0.0	0.0	0.0	4.9
11	17.3	26.5	20.9	77.6	18.855	16.6	0.0	0.0	0.0	0.8
12	16.2	27.5	21.2	79.1	19.321	16.8	0.0	9.9	9.9	2.8
13	17.5	26.8	20.1	87.5	20.796	18.1	0.8	0.0	0.8	3.8
14	15.5	27.6	20.6	88.3	21.323	18.4	0.0	0.0	0.0	3.4
15	15.5	26.9	21.8	85.7	21.812	18.8	0.0	0.0	0.0	5.8
16	17.8	25.5	20.9	89.2	21.895	18.9	0.0	0.0	0.0	3.5
17	17.5	28.0	21.7	84.3	21.646	18.7	0.0	0.0	0.0	8.5
18	16.9	27.6	22.6	74.5	20.900	17.8	0.0	0.0	0.0	7.9
19	17.5	27.5	21.3	81.3	20.581	17.8	0.0	0.0	0.0	4.4
20	17.5	26.0	20.8	82.2	20.140	17.6	0.0	0.0	0.0	7.2
21	17.5	29.3	20.7	79.8	19.462	17.1	0.0	0.0	0.0	8.7
22	16.1	28.4	21.7	79.1	20.039	17.5	0.0	2.2	2.2	8.0
23	17.6	27.9	21.1	83.1	20.819	18.1	0.0	0.0	0.0	6.5
24	16.0	27.5	21.3	83.8	21.067	18.3	0.0	5.5	5.5	9.3
25	17.5	28.1	22.5	83.4	22.529	19.4	0.6	0.0	0.6	4.3
26	16.5	27.5	22.3	76.1	21.104	17.9	0.0	0.0	0.0	4.5
27	17.6	27.6	20.2	87.2	20.980	18.2	4.2	3.5	7.7	2.4
28	17.3	25.5	20.5	86.3	20.665	18.1	1.3	7.0	8.3	1.1
29	18.5	22.5	19.2	95.6	21.146	18.4	9.6	0.0	9.6	0.1
30	16.5	25.5	20.1	89.6	21.054	18.2	0.1	0.0	0.1	5.1
31	16.0	26.1	19.7	89.1	20.359	17.7	0.0	0.0	0.0	5.5
PROM.	17.1	27.3	21.1	83.1	20.783	18.0	23.3	36.6	60.4	160.8

ESTACION: CHAPETON MUNICIPIO IBAGUE AÑO: 1.977

ALTITUD: 1.300 LATITUD: 4-27 N. LONGITUD: 75-16 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.8	27.6	21.1	13.6	30.3	77.4	19.189	16.8	62.1	13	218.8
FEBRERO	16.3	26.7	21.0	13.5	29.4	78.6	19.403	17.0	60.5	15	150.4
MARZO	17.1	27.7	21.9	15.4	31.0	73.9	19.132	16.7	63.4	17	158.9
ABRIL	17.0	25.3	20.8	15.0	29.0	81.5	20.000	17.4	99.4	15	122.1
MAYO	16.9	26.4	20.9	15.3	28.0	82.7	20.416	17.8	185.5	19	141.0
JUNIO	16.9	26.6	20.9	15.3	28.3	78.7	19.336	16.9	161.3	18	173.2
JULIO	16.9	27.5	21.3	14.5	29.9	74.8	18.593	16.3	83.9	15	192.6
AGOSTO	16.9	27.5	21.2	15.5	29.9	74.9	18.599	16.3	88.7	17	200.6
SEPTIEMBRE	17.3	27.5	21.6	15.5	30.5	74.4	18.602	16.4	158.2	15	166.2
OCTUBRE	17.5	26.9	20.9	16.0	29.5	82.5	20.418	17.8	192.8	22	117.7
NOVIEMBRE	17.2	26.6	20.7	15.5	28.8	85.4	20.862	18.1	215.8	20	140.8
DICIEMBRE	17.1	27.3	21.1	15.5	29.5	83.1	20.783	18.0	60.4	14	160.8
PROMEDIO	16.9	27.0	21.1	15.1	29.5	79.0	19.628	17.1			
TOTAL									1432.0	200	1943.1

ESTACION: LUIS BUSTAMANTE MUNICIPIO: VILLARRICA AÑO: 1.977

ALTITUD: 1.610 LATITUD: 3-56 N. LONGITUD: 74-36 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	24.0	18.9	84.7	18.743	16.5	1.0	0.0	1.0	2.8
2	15.0	22.2	18.7	89.5	18.961	16.6	0.0	0.0	0.0	2.5
3	15.5	24.3	19.0	78.8	17.257	15.2	0.0	0.0	0.0	5.4
4	15.5	24.3	19.2	84.1	18.703	16.4	0.1	0.0	0.1	3.6
5	16.4	25.1	19.6	75.1	17.301	15.1	0.0	0.0	0.0	7.1
6	15.2	25.3	19.1	79.8	17.694	15.5	0.0	0.0	0.0	7.3
7	14.9	22.8	18.6	80.8	17.570	15.2	0.0	0.0	0.0	4.0
8	15.1	24.0	18.9	82.0	18.058	15.7	0.0	0.0	0.0	5.6
9	16.0	24.8	19.2	89.2	19.965	17.4	0.0	0.0	0.0	6.6
10	15.0	24.2	19.0	86.1	19.244	16.7	0.0	0.0	0.0	5.0
11	14.6	24.3	19.5	86.7	19.692	17.2	0.0	0.0	0.0	3.7
12	14.3	23.3	18.6	81.0	17.252	15.1	0.0	0.0	0.0	3.4
13	15.3	22.6	19.1	85.1	18.568	16.3	0.0	0.0	0.0	2.2
14	15.2	24.0	18.8	83.5	17.860	15.6	0.0	0.0	0.0	3.1
15	16.5	25.6	20.6	84.3	20.307	17.7	0.0	0.0	0.0	3.3
16	16.5	25.5	20.4	81.2	19.168	16.8	0.0	0.0	0.0	4.6
17	16.5	24.0	18.4	85.3	18.688	16.3	0.0	0.0	0.0	1.1
18	17.1	24.1	18.8	86.8	18.812	16.5	0.0	0.0	0.0	3.1
19	16.4	22.5	18.4	89.4	18.932	16.6	18.0	0.1	18.1	2.3
20	15.1	23.3	18.6	88.2	18.669	16.3	0.0	0.0	0.0	3.3
21	15.0	23.6	19.2	85.7	18.761	16.4	0.0	0.0	0.0	3.0
22	15.0	25.6	19.0	64.8	13.707	11.6	0.0	0.0	0.0	7.2
23	16.3	25.3	20.3	77.8	18.323	16.0	0.0	1.3	1.3	4.8
24	16.4	23.1	19.3	93.1	20.888	18.2	0.1	20.0	20.1	0.9
25	16.3	23.1	19.1	90.9	20.120	17.6	0.0	12.0	12.0	2.2
26	16.0	22.0	18.3	91.4	19.125	16.8	0.9	0.0	0.9	2.0
27	15.1	23.8	19.4	83.4	18.932	16.5	0.0	0.0	0.0	4.3
28	16.0	24.0	19.6	87.0	19.796	17.2	0.0	0.0	0.0	3.6
29	16.1	24.1	19.4	85.6	18.943	16.6	0.0	0.0	0.0	5.0
30	15.6	24.1	18.2	88.6	19.019	16.7	0.2	0.0	0.2	5.0
31	15.0	24.0	19.3	84.7	18.681	16.4	0.0	0.0	0.0	1.7
PROM.	15.6	24.0	19.1	84.3	18.637	16.3	20.3	33.4	53.7	119.7

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	22.2	18.8	93.9	20.332	17.7	0.2	0.3	0.5	2.3
2	15.3	24.0	19.1	90.1	20.147	17.6	0.0	0.0	0.0	4.9
3	15.1	24.6	19.4	77.8	17.662	15.2	0.0	0.0	0.0	3.9
4	15.6	25.1	19.6	76.2	17.503	15.3	0.0	0.0	0.0	5.5
5	15.8	24.0	19.6	87.6	19.994	17.4	0.0	0.0	0.0	4.8
6	16.8	23.1	20.2	82.0	19.474	17.0	0.0	0.1	0.1	1.5
7	16.1	21.3	18.3	90.7	19.276	16.8	0.1	0.0	0.1	0.1
8	15.5	24.3	19.5	80.0	19.407	17.0	0.0	0.0	0.0	0.0
9	15.1	24.1	20.2	81.0	18.911	16.5	0.0	0.0	0.0	4.3
10	16.4	26.3	21.0	76.7	18.858	16.5	0.0	0.0	0.0	7.5
11	17.3	23.3	20.9	81.8	19.489	17.1	0.3	0.2	0.5	1.9
12	16.6	20.0	17.7	96.6	19.501	17.1	7.5	0.0	7.5	0.5
13	15.6	24.6	19.4	87.7	19.387	17.0	5.4	0.0	5.4	3.7
14	16.0	23.0	19.1	92.1	20.229	17.6	0.4	0.0	0.4	3.3
15	16.6	23.3	19.6	82.0	18.513	16.3	0.0	0.0	0.0	2.1
16	17.0	23.8	17.6	86.5	17.552	15.5	1.4	0.0	1.4	2.5
17	16.4	22.4	18.4	90.6	18.974	16.7	4.5	0.0	4.5	1.9
18	15.3	22.1	18.8	92.1	19.888	17.4	0.0	4.2	4.2	0.3
19	16.3	24.2	18.3	93.3	19.130	16.8	20.9	0.0	20.9	4.6
20	15.6	21.4	17.9	95.1	19.310	16.9	8.2	0.0	8.2	3.1
21	15.0	21.0	17.5	90.4	17.868	15.7	0.4	0.0	0.4	2.5
22	15.0	20.5	16.2	89.9	19.505	17.4	0.0	0.0	0.0	2.0
23	15.7	24.8	19.7	83.6	18.932	16.6	1.5	0.0	1.5	3.7
24	16.0	24.8	19.6	87.4	19.928	17.4	0.0	0.0	0.0	1.0
25	16.3	20.3	18.2	96.5	18.785	16.5	0.4	0.0	0.4	0.3
26	15.1	24.3	18.5	80.8	17.309	15.1	0.0	0.0	0.0	6.1
27	15.8	24.0	19.7	83.4	20.198	17.6	0.0	0.0	0.0	3.9
28	15.3	23.2	19.6	79.5	18.195	16.0	0.3	0.0	0.3	1.7
PROM	15.9	23.3	19.1	86.8	19.095	16.7	51.5	4.8	56.3	79.9

ESTACION: LUIS BUSTAMANTE MUNICIPIO: VILLARRICA AÑO: 1.977

ALTITUD: 1.610 LATITUD: 3-56 N. LONGITUD: 74-36 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.1	24.7	18.1	83.3	17.114	15.0	0.0	0.0	0.0	1.1
2	17.1	24.0	19.9	81.9	19.332	16.9	0.0	0.0	0.0	0.2
3	16.2	23.2	19.5	84.2	19.033	16.7	0.0	0.0	0.0	4.2
4	17.2	25.2	20.1	77.6	18.525	16.3	0.0	0.0	0.0	5.0
5	16.2	24.1	20.3	78.3	18.735	16.4	0.0	0.0	0.0	1.7
6	16.2	26.2	21.5	73.2	18.738	16.5	0.0	0.0	0.0	4.8
7	16.0	26.0	21.0	72.5	18.202	16.0	0.0	0.0	0.0	8.2
8	15.6	25.0	20.3	69.9	16.536	14.5	0.0	0.0	0.0	5.6
9	17.0	24.0	20.8	73.0	17.901	15.7	0.0	0.5	0.5	2.5
10	16.2	25.2	21.2	76.2	19.241	16.9	0.0	0.0	0.0	1.0
11	16.0	26.2	21.4	64.8	16.742	14.6	0.0	0.0	0.0	5.7
12	15.2	26.2	21.2	64.7	16.111	14.1	0.0	0.0	0.0	6.1
13	16.2	23.0	19.5	82.1	18.974	16.7	0.0	0.0	0.0	1.6
14	15.0	22.0	19.3	83.8	18.660	16.3	0.5	0.0	0.5	2.9
15	15.2	22.2	18.5	91.4	19.324	16.9	8.6	4.0	12.6	1.4
16	16.2	20.0	17.5	93.3	18.621	16.5	23.2	0.0	23.2	0.0
17	15.6	23.0	19.0	83.6	18.657	16.4	15.0	0.0	15.0	2.2
18	15.2	24.2	20.8	79.0	19.407	17.0	0.9	0.8	1.7	5.1
19	15.2	22.0	19.3	84.2	19.035	16.7	0.9	0.0	0.9	0.7
20	16.2	26.0	20.7	78.3	19.201	16.8	0.0	0.0	0.0	3.5
21	17.2	24.2	20.6	77.9	19.271	16.9	21.4	0.2	21.6	3.9
22	17.2	24.2	20.5	82.7	20.228	17.7	2.8	27.0	29.8	2.1
23	15.2	24.2	19.3	92.2	20.297	17.7	13.0	12.1	25.1	2.5
24	15.2	23.0	19.5	91.1	20.233	17.7	0.1	31.5	31.6	1.3
25	16.2	23.0	19.2	93.6	20.685	18.0	4.3	25.7	30.0	1.6
26	15.2	21.6	19.6	86.6	19.845	17.4	2.7	0.0	2.7	2.2
27	16.0	24.0	20.5	78.9	18.866	16.6	0.1	0.0	0.1	3.4
28	17.2	23.0	18.6	91.1	19.993	17.5	4.8	3.5	8.3	1.0
29	15.2	24.2	19.6	84.0	18.807	16.5	0.0	24.1	24.1	2.0
30	16.2	23.2	19.2	89.9	20.157	17.6	3.3	0.8	4.1	2.2
31	16.2	23.0	18.8	89.9	19.631	17.2	1.4	15.0	16.4	2.9
PROM.	16.0	23.9	19.8	81.7	18.913	16.6	103.0	145.2	248.2	86.8

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	22.2	18.7	89.4	19.531	17.1	9.1	3.3	12.4	1.6
2	15.2	22.0	19.0	88.3	19.290	16.9	0.0	3.9	3.9	1.8
3	15.0	21.0	17.6	87.2	17.934	15.8	45.1	58.6	103.7	0.6
4	15.2	21.2	17.7	86.2	18.148	15.9	20.9	0.0	20.9	0.4
5	15.2	23.0	18.8	85.9	18.334	16.1	0.0	1.1	1.1	3.5
6	15.8	22.2	18.3	89.1	18.601	16.3	4.6	3.4	8.0	2.8
7	16.0	21.2	18.1	91.2	18.744	16.5	0.0	0.0	0.0	2.2
8	15.7	22.0	18.8	89.1	19.259	16.9	7.7	0.0	7.7	2.1
9	15.6	22.4	18.6	86.9	18.753	16.4	0.3	0.0	0.3	3.0
10	15.2	23.2	18.3	86.1	18.555	16.2	0.4	0.0	0.4	2.4
11	15.2	23.0	19.8	86.4	19.894	17.4	2.7	0.0	2.7	1.7
12	17.2	21.0	18.4	87.7	18.789	16.5	2.0	0.0	2.0	0.0
13	16.4	23.0	19.1	83.2	18.315	16.1	0.0	0.0	0.0	1.9
14	15.2	23.0	19.7	81.1	18.732	16.4	0.1	0.0	0.1	1.1
15	15.2	26.0	21.0	75.8	19.136	16.7	0.0	0.0	0.0	10.3
16	16.0	23.0	19.0	87.9	19.534	17.1	1.2	2.2	3.4	1.8
17	16.2	24.2	20.2	82.0	19.249	16.8	0.1	0.0	0.1	3.3
18	16.0	26.2	20.2	81.6	19.647	17.2	0.0	0.0	0.0	5.6
19	17.2	24.0	19.8	84.5	19.801	17.2	3.3	0.0	3.3	0.9
20	16.6	26.0	21.8	75.0	19.412	17.0	0.0	0.0	0.0	8.4
21	17.2	23.2	19.5	90.8	20.921	18.2	0.8	0.0	0.8	0.3
22	15.2	25.4	19.2	86.2	19.538	16.8	2.9	0.8	3.7	8.0
23	15.1	22.2	18.3	92.3	19.663	17.3	26.0	0.0	26.0	2.8
24	16.0	20.2	17.0	97.5	18.895	16.6	25.7	1.6	27.3	0.2
25	16.0	23.2	19.2	88.0	19.858	17.3	0.4	0.1	0.5	3.6
26	15.6	20.6	17.5	94.0	19.093	16.8	37.6	0.0	37.6	0.6
27	15.0	22.2	18.3	92.9	19.556	17.1	1.4	20.8	22.2	1.3
28	15.2	22.0	17.9	89.5	18.638	16.3	44.1	1.2	45.3	1.1
29	15.0	22.0	18.6	86.9	18.978	16.6	2.7	0.0	2.7	3.5
30	15.2	23.0	18.9	95.1	20.737	18.1	10.4	21.1	31.5	3.3
PROM.	15.7	22.8	18.9	87.3	19.178	16.8	249.5	118.1	367.6	80.1

ESTACION: LUIS BUSTAMANTE MUNICIPIO: VILLARRICA AÑO: 1.977

ALTITUD: 1.610 LATITUD: 3-56 N. LONGITUD: 74-36 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	23.2	19.6	92.1	20.974	18.3	0.0	3.9	3.9	4.8
2	16.2	22.2	18.4	94.7	19.968	17.5	5.5	1.1	6.6	2.3
3	16.2	24.0	20.4	88.5	20.852	18.1	0.0	16.1	16.1	2.7
4	16.0	24.0	19.3	80.2	18.520	16.2	26.0	0.0	26.0	4.8
5	15.2	20.0	18.4	90.9	19.218	16.8	1.3	0.0	1.3	0.9
6	16.0	20.2	17.2	92.1	18.180	16.0	17.4	0.0	17.4	0.5
7	15.1	22.2	19.1	91.0	20.091	17.5	1.0	0.0	1.0	3.7
8	17.2	23.8	19.7	83.7	19.261	16.9	2.9	0.0	2.9	2.1
9	16.0	23.0	18.7	88.5	19.343	16.9	0.3	8.2	8.5	3.0
10	16.0	24.0	19.6	90.9	20.616	18.0	0.0	0.0	0.0	4.5
11	16.2	23.2	19.4	92.6	20.770	18.1	0.0	1.0	1.0	2.1
12	16.0	23.2	19.4	88.6	19.811	17.3	0.0	0.0	0.0	2.9
13	15.2	23.0	18.6	86.4	18.743	16.4	1.2	0.0	1.2	2.1
14	16.2	22.0	18.5	90.9	19.418	17.0	5.3	0.3	5.6	0.4
15	15.2	19.3	16.8	98.1	18.696	16.5	2.8	0.2	3.0	0.0
16	16.0	21.0	17.4	92.8	18.366	16.2	5.1	0.3	5.4	0.7
17	15.2	23.0	18.9	91.0	19.805	17.3	0.0	22.5	22.5	2.8
18	15.0	22.2	18.3	91.7	19.317	16.9	3.0	0.0	3.0	3.9
19	15.2	24.2	19.2	85.6	18.918	16.5	2.6	0.0	2.6	4.7
20	15.7	21.0	18.7	90.7	19.470	17.0	7.2	0.0	7.2	2.3
21	15.0	24.2	19.7	87.9	20.101	17.5	2.0	8.3	10.3	4.6
22	14.2	23.0	18.3	89.4	19.018	16.6	5.3	0.0	5.3	4.8
23	16.0	19.0	17.6	96.1	19.498	17.1	4.3	5.8	10.1	0.1
24	14.6	21.3	17.8	89.6	18.196	16.0	4.1	0.0	4.1	1.7
25	14.6	21.1	17.2	91.6	18.017	15.9	5.9	0.0	5.9	0.2
26	14.8	22.0	18.5	82.6	17.803	15.6	2.9	0.4	3.3	4.2
27	15.5	21.0	18.0	93.3	19.367	16.9	0.3	0.0	0.3	0.0
28	16.5	23.0	18.9	87.5	19.441	17.1	0.4	0.0	0.4	2.4
29	16.5	20.0	18.0	92.3	19.062	16.7	7.3	0.0	7.3	0.0
30	15.3	23.6	18.4	92.1	19.728	17.2	4.7	0.0	4.7	1.8
31	15.5	21.0	18.0	89.7	18.452	16.2	7.8	0.0	7.8	0.8
PROM.	15.6	22.2	18.6	90.1	19.323	16.9	126.6	68.1	194.7	71.8

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	23.3	19.5	86.6	19.495	17.1	5.6	2.9	8.5	3.9
2	15.6	20.4	16.3	97.5	18.375	16.1	7.7	0.0	7.7	0.5
3	15.0	23.0	18.8	89.2	19.493	17.0	0.0	0.0	0.0	2.2
4	15.5	22.4	18.0	88.2	18.155	15.9	14.8	0.0	14.8	2.8
5	15.1	22.8	18.5	93.7	19.736	17.2	1.4	0.0	1.4	2.1
6	15.2	21.3	18.3	93.4	19.392	17.0	6.5	5.5	12.0	0.9
7	16.2	22.2	18.0	95.3	19.420	17.0	3.4	2.6	6.0	1.9
8	15.1	21.4	17.5	92.8	18.421	16.2	12.8	0.0	12.8	3.3
9	16.0	23.6	19.1	82.0	18.362	16.1	0.0	2.1	2.1	6.1
10	15.6	21.4	18.0	90.9	18.939	16.6	4.1	0.0	4.1	4.5
11	14.5	24.0	19.1	89.1	19.360	17.0	0.8	25.6	26.4	5.2
12	15.5	22.0	18.2	89.7	19.088	16.7	7.5	3.4	10.9	2.2
13	14.7	20.5	17.8	90.7	18.343	16.1	9.4	0.4	9.8	1.0
14	14.9	23.4	18.2	86.0	18.220	16.0	0.9	0.0	0.9	1.4
15	15.0	23.2	19.6	88.3	20.273	17.6	0.0	0.0	0.0	4.7
16	15.0	22.0	19.3	89.3	20.029	17.4	0.0	0.5	0.5	2.5
17	16.0	22.6	19.1	92.5	20.155	17.6	1.5	0.0	1.5	3.7
18	15.0	23.3	19.2	87.9	19.413	17.0	3.8	0.0	3.8	4.2
19	15.1	23.3	18.4	88.9	18.931	16.6	3.2	0.0	3.2	4.2
20	15.5	22.6	19.1	88.0	19.853	17.3	1.3	0.4	1.7	1.7
21	15.4	20.5	16.6	92.6	17.508	15.4	6.7	0.0	6.7	1.6
22	14.5	24.0	20.4	81.7	19.533	17.1	0.0	0.5	0.5	9.4
23	14.8	24.6	19.2	87.2	19.556	17.1	0.1	0.0	0.1	3.8
24	15.6	24.5	19.7	88.3	20.607	17.9	0.0	0.7	0.7	5.4
25	16.5	22.3	18.7	90.2	19.329	17.0	0.0	0.0	0.0	4.3
26	15.6	23.0	18.7	85.7	18.560	16.3	0.8	0.0	0.8	4.8
27	13.6	22.6	19.0	79.9	17.640	15.5	0.1	0.0	0.1	6.8
28	15.5	23.5	19.0	88.0	19.785	17.3	0.2	0.0	0.2	3.4
29	16.0	21.8	18.3	83.4	17.748	15.6	2.9	0.0	2.9	1.3
30	15.5	21.0	18.5	88.7	18.778	16.5	2.8	0.2	3.0	2.6
PROM.	15.3	22.6	18.6	88.9	19.083	16.7	98.3	44.8	143.1	102.4

ESTACION: LUIS BUSTAMANTE MUNICIPIO: VILLARRICA AÑO: 1.977

ALTITUD: 1.610 LATITUD: 3-56 N. LONGITUD: 74-36 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	21.0	18.2	90.4	19.163	16.8	5.8	0.0	5.8	0.0
2	15.0	23.6	19.4	91.2	20.356	17.7	2.5	17.2	19.7	6.0
3	15.5	23.3	19.8	86.7	19.968	17.4	7.2	2.0	9.2	6.0
4	16.0	22.5	18.4	90.8	19.433	17.0	0.3	0.0	0.3	3.2
5	14.5	22.0	18.8	80.3	17.816	15.6	4.0	0.0	4.0	3.5
6	15.1	21.8	18.4	89.9	19.290	16.9	1.7	1.0	2.7	1.2
7	15.5	20.5	17.1	95.1	18.424	16.2	19.4	0.0	19.4	0.8
8	15.5	23.0	18.9	84.6	18.457	16.2	6.2	0.0	6.2	3.0
9	15.5	21.2	18.0	88.1	18.722	16.4	0.0	0.0	0.0	1.4
10	14.5	24.9	19.0	81.2	18.033	15.8	0.0	0.0	0.0	5.1
11	14.4	21.4	19.4	83.2	18.753	16.4	0.0	0.0	0.0	6.0
12	15.6	20.8	18.3	90.3	19.189	16.8	0.4	0.0	0.4	0.8
13	15.6	25.3	19.8	84.0	19.326	16.9	0.1	0.4	0.5	5.1
14	15.6	24.7	19.6	86.0	19.486	17.0	0.5	0.0	0.5	3.7
15	16.4	24.0	19.1	85.9	19.454	17.0	6.4	0.3	6.7	1.8
16	15.6	23.5	19.1	88.6	19.411	17.0	0.0	0.0	0.0	2.9
17	15.4	24.0	19.5	83.7	18.774	16.5	0.0	0.0	0.0	3.6
18	16.3	25.0	19.7	78.2	17.925	15.8	0.0	0.0	0.0	4.5
19	16.2	23.5	19.5	86.4	19.352	16.9	4.5	0.0	4.5	4.0
20	16.3	22.0	18.7	89.7	19.563	17.1	2.1	0.0	2.1	2.1
21	15.0	26.0	20.4	78.4	18.520	16.3	0.0	0.0	0.0	7.2
22	14.0	26.0	21.4	66.6	16.897	14.7	0.0	0.0	0.0	8.8
23	16.0	25.5	21.4	77.2	19.620	17.1	0.3	0.0	0.3	5.7
24	16.8	23.0	19.6	85.9	19.559	17.1	2.9	0.0	2.9	2.3
25	15.1	24.1	19.0	87.1	18.917	16.6	0.0	0.0	0.0	2.8
26	16.0	23.5	19.4	92.6	20.718	18.0	0.4	0.2	0.6	3.0
27	15.4	22.0	17.9	94.8	19.373	17.0	6.9	9.9	16.8	1.3
28	15.0	22.0	18.7	86.7	18.519	16.2	2.3	0.0	2.3	4.9
29	15.6	25.0	19.8	80.3	18.366	16.1	0.0	0.0	0.0	6.0
30	15.0	25.5	20.9	77.9	19.256	16.9	0.0	0.0	0.0	8.3
31	16.4	24.5	20.0	85.3	19.592	17.1	0.0	0.0	0.0	5.1
PROM.	15.5	23.4	19.3	85.4	19.040	16.7	73.9	31.0	104.9	120.1

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	21.6	17.3	97.8	18.861	16.6	2.8	0.6	3.4	2.0
2	15.7	23.0	17.9	91.1	18.515	16.3	0.0	0.9	0.9	3.8
3	14.8	22.3	19.5	84.8	19.081	16.7	0.0	0.0	0.0	3.8
4	15.6	22.5	19.1	87.7	19.434	17.0	0.0	0.0	0.0	2.5
5	15.8	23.0	18.3	89.4	18.894	16.6	1.3	0.0	1.3	2.9
6	15.8	22.4	19.2	91.0	20.262	17.7	1.7	0.0	1.7	2.5
7	16.2	22.0	18.6	92.7	19.728	17.2	9.2	0.0	9.2	2.3
8	15.5	23.8	19.6	88.9	19.985	17.4	0.5	0.0	0.5	3.5
9	15.5	22.6	18.4	85.1	17.992	15.7	1.3	0.0	1.3	3.9
10	15.2	24.0	19.4	86.8	19.476	17.0	1.2	0.0	1.2	2.4
11	16.0	26.5	19.7	82.7	18.619	16.3	2.2	0.0	2.2	5.5
12	15.5	25.5	20.2	78.7	18.351	16.1	0.2	0.5	0.7	5.6
13	16.0	25.5	18.8	84.2	18.532	16.3	2.0	1.8	3.8	6.0
14	15.6	24.0	18.6	92.6	19.618	17.2	4.0	0.0	4.0	4.9
15	15.0	23.8	19.9	81.5	18.949	16.6	0.0	4.9	4.9	5.0
16	15.0	21.5	17.9	93.7	19.062	16.7	0.6	0.0	0.6	1.0
17	15.1	23.3	19.7	83.7	18.940	16.6	0.0	0.0	0.0	5.0
18	14.5	24.5	20.3	70.0	16.951	14.9	0.0	0.0	0.0	7.0
19	16.0	23.5	18.7	80.5	17.335	15.2	3.4	0.0	3.4	2.1
20	16.5	21.5	18.2	86.4	18.291	16.1	4.5	0.7	5.2	0.7
21	15.0	19.8	16.8	86.8	16.672	14.7	11.0	0.0	11.0	0.1
22	14.4	25.1	19.7	73.9	16.693	14.6	0.0	0.0	0.0	9.4
23	15.4	24.7	19.7	65.2	15.142	13.0	0.0	0.0	0.0	6.8
24	15.0	26.3	20.5	60.1	14.362	12.3	0.1	0.0	0.1	7.6
25	16.0	25.0	20.0	73.2	17.238	15.2	0.6	0.0	0.6	2.5
26	16.4	23.1	19.4	80.6	18.167	16.0	0.0	0.0	0.0	2.0
27	15.4	24.2	19.4	76.5	17.285	15.1	0.5	0.0	0.5	4.7
28	15.6	25.4	20.8	74.8	18.130	16.0	0.2	0.0	0.2	6.2
29	16.0	24.8	20.5	65.2	15.703	13.7	0.0	0.0	0.0	5.5
30	16.2	25.7	20.6	70.3	17.097	15.0	0.0	0.0	0.0	5.3
31	16.2	22.6	19.1	84.4	18.518	16.3	0.2	0.0	0.2	2.0
PROM.	15.6	23.7	19.2	81.9	18.125	15.9	47.3	9.4	56.9	120.5

ESTACION: LUIS BUSTAMANTE MUNICIPIO: VILLARRICA AÑO: 1.977

ALTITUD: 1.610 LATITUD: 3-56 N. LONGITUD: 74-36 W.

M E S – SEPTIEMERE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	24.7	20.0	69.8	16.400	14.4	0.0	0.0	0.0	2.5
2	15.8	25.0	20.2	65.8	15.365	13.4	0.0	0.0	0.0	4.3
3	16.3	23.5	19.7	70.4	16.173	14.1	0.5	0.0	0.5	3.4
4	15.5	24.7	19.5	72.8	16.718	14.6	8.2	0.1	8.3	3.6
5	16.0	23.0	18.0	85.7	17.630	15.5	4.0	0.0	4.0	2.0
6	16.0	25.4	20.1	73.0	17.194	15.1	0.0	0.0	0.0	6.8
7	14.6	26.3	20.5	68.2	16.096	14.1	0.0	0.0	0.0	8.8
8	16.5	25.0	20.8	73.5	18.054	15.9	0.0	0.0	0.0	3.3
9	17.0	24.9	20.7	73.8	17.930	15.8	0.3	0.6	0.9	3.7
10	16.8	24.7	19.2	83.3	18.849	16.3	3.5	0.0	3.5	2.2
11	15.5	25.0	20.3	75.4	17.742	15.6	0.0	0.0	0.0	5.2
12	16.8	22.8	19.6	73.4	16.675	14.6	0.0	0.0	0.0	1.5
13	15.0	23.6	19.2	78.0	17.263	15.2	0.6	0.0	0.6	2.7
14	16.0	21.8	16.7	88.0	16.820	14.8	46.7	0.0	46.7	1.2
15	15.0	23.7	19.5	78.5	17.688	15.5	2.4	0.0	2.4	5.1
16	16.5	24.4	19.7	72.7	16.535	14.5	0.0	0.0	0.0	3.6
17	15.0	25.2	19.9	72.3	16.567	14.5	0.0	0.0	0.0	4.7
18	14.9	25.0	20.9	69.5	17.183	15.1	0.0	0.0	0.0	5.5
19	15.5	24.0	19.8	78.2	18.014	15.8	2.8	0.1	2.9	3.6
20	16.5	23.6	19.4	85.3	18.623	16.4	2.4	13.7	16.1	3.9
21	15.1	23.2	18.1	85.2	17.746	15.6	1.9	0.3	2.2	1.7
22	14.8	22.1	18.7	84.5	18.067	15.9	19.0	0.0	19.0	2.2
23	16.0	22.5	18.9	82.7	18.416	16.1	21.5	0.0	21.5	1.8
24	15.2	24.7	19.7	70.3	16.100	14.1	0.0	0.0	0.0	5.6
25	15.2	22.3	19.4	82.7	18.658	16.4	0.3	2.0	2.3	3.3
26	15.0	22.6	18.1	86.3	18.045	15.8	1.0	2.6	3.6	3.0
27	15.7	19.2	17.2	93.0	18.143	16.0	1.3	2.4	3.7	0.1
28	14.6	20.6	17.2	90.4	17.827	15.7	11.0	0.6	11.0	0.8
29	15.4	21.1	17.8	88.6	17.657	15.5	2.7	0.0	2.7	0.9
30	15.6	22.8	18.8	87.1	18.047	16.4	5.3	0.8	6.1	3.1
PROM.	15.6	23.6	19.3	78.5	17.417	15.3	135.4	22.6	158.0	100.1

M E S – OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	22.2	17.3	91.0	18.100	15.9	13.5	0.0	13.5	1.1
2	15.0	23.1	18.6	84.7	17.961	15.8	0.0	0.0	0.0	1.4
3	15.1	25.5	19.5	76.3	17.393	15.1	0.0	0.0	0.0	5.5
4	16.5	25.0	20.1	82.4	19.365	16.9	0.2	26.8	27.0	4.0
5	15.5	22.5	19.0	76.7	16.672	14.6	1.2	0.0	1.2	3.7
6	15.5	22.1	19.1	80.2	17.968	15.8	13.0	0.0	13.0	2.4
7	16.0	21.4	18.5	81.7	17.378	15.3	3.7	0.0	3.7	1.3
8	15.6	23.0	18.5	86.1	18.469	16.2	0.4	6.4	6.8	1.4
9	15.6	22.5	17.9	89.6	18.589	16.3	7.7	0.1	7.8	0.6
10	15.4	22.1	18.4	89.1	18.484	16.4	19.5	2.2	21.7	0.6
11	15.6	22.0	17.5	90.6	18.318	16.1	18.5	2.9	21.4	1.3
12	15.5	21.6	18.0	83.7	17.405	15.3	5.3	3.9	9.2	1.3
13	15.3	21.3	17.8	78.7	16.326	14.3	9.0	0.6	9.6	0.7
14	15.8	23.3	19.3	80.8	17.827	15.7	0.0	0.0	0.0	2.7
15	16.4	25.1	19.8	75.7	17.602	15.4	9.1	4.4	13.5	5.7
16	16.3	24.0	20.1	78.1	18.016	15.8	0.3	0.0	0.3	3.1
17	16.6	23.6	18.8	76.3	16.832	14.7	15.2	9.3	24.5	2.2
18	15.6	22.8	19.6	85.6	19.344	16.9	0.0	0.0	0.0	0.5
19	16.6	22.0	18.4	86.1	18.346	16.1	13.0	4.3	17.3	2.2
20	16.5	20.0	17.4	93.9	18.798	16.5	14.0	0.0	14.0	0.8
21	16.0	23.0	18.5	76.9	16.398	14.4	2.4	0.0	2.4	2.4
22	15.5	23.2	18.8	78.7	17.233	15.2	0.0	0.0	0.0	3.0
23	15.6	24.8	19.6	81.3	18.514	16.2	0.8	2.0	2.8	5.5
24	15.7	22.0	18.7	88.0	18.657	16.4	1.8	0.0	1.8	1.2
25	16.0	23.5	19.2	80.0	17.717	15.6	0.5	0.0	0.5	3.4
26	15.0	22.2	18.9	89.0	19.318	16.9	0.0	0.0	0.0	0.9
27	15.5	21.6	18.6	87.1	18.782	16.5	1.2	0.4	1.6	1.9
28	16.4	21.0	17.7	88.8	18.305	16.1	21.0	1.0	22.6	0.5
29	15.0	22.6	18.2	83.4	17.527	15.4	7.8	11.2	19.0	4.4
30	16.0	22.6	18.0	90.5	18.537	16.3	0.0	0.0	0.0	3.4
31	14.7	24.0	18.9	79.6	17.746	15.6	3.5	47.9	51.4	0.0
PROM.	15.7	22.8	18.7	83.6	18.004	15.8	183.2	123.4	306.6	75.1

ESTACION: LUIS BUSTAMANTE MUNICIPIO: VILLARRICA AÑO: 1.977

ALTITUD: 1.610 LATITUD: 3-56 N. LONGITUD: 74-36 W.

M E S – NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	23.2	18.9	86.6	19.001	16.7	3.7	0.7	4.4	2.1
2	16.8	23.0	18.9	82.5	18.020	15.9	1.2	2.4	3.6	3.4
3	16.7	23.2	19.2	82.4	18.559	16.3	0.5	0.2	0.7	2.6
4	16.2	22.0	17.9	87.7	18.249	16.1	4.0	0.0	4.0	1.3
5	16.0	22.0	19.2	85.8	18.975	16.6	0.0	0.0	0.0	1.0
6	16.0	22.5	18.6	83.1	17.599	15.5	2.5	0.0	2.5	2.9
7	16.8	21.6	18.7	85.4	18.591	16.3	3.2	0.1	3.3	1.3
8	16.2	22.8	17.8	85.9	17.524	15.4	3.0	0.0	3.0	2.6
9	15.5	22.8	19.3	83.8	18.914	16.6	0.3	17.5	17.8	3.9
10	16.0	21.0	18.6	87.7	19.079	16.7	0.6	0.9	1.5	0.5
11	15.5	20.5	17.7	87.6	17.723	15.6	6.2	3.2	9.4	0.5
12	15.6	22.0	18.1	88.6	18.472	16.2	2.2	9.1	11.3	1.6
13	15.0	20.0	16.3	92.0	17.200	15.1	31.2	4.3	35.5	0.2
14	14.6	21.5	18.0	90.2	18.627	16.4	2.3	0.4	2.7	1.4
15	15.8	19.5	16.9	88.9	17.334	15.2	10.2	0.0	10.2	0.2
16	15.6	22.5	18.0	86.0	17.853	15.7	14.2	1.6	15.8	1.0
17	15.3	23.8	18.5	84.6	17.985	15.8	9.4	18.1	27.5	3.7
18	15.5	22.0	18.4	91.5	19.386	17.0	0.3	0.0	0.3	2.7
19	14.8	22.5	18.5	85.2	18.332	16.1	0.4	0.0	0.4	3.6
20	15.4	23.0	19.0	81.9	17.994	15.8	0.0	0.3	0.3	4.0
21	14.8	24.0	18.6	80.4	17.535	15.4	0.0	0.1	0.1	3.8
22	15.0	23.3	18.3	76.7	16.437	14.4	0.0	0.0	0.0	5.6
23	15.5	22.3	17.8	79.6	16.148	14.1	0.0	0.0	0.0	3.7
24	15.5	24.3	18.9	76.4	16.988	14.9	3.3	0.0	3.3	5.2
25	16.5	21.1	18.4	83.4	17.760	15.6	0.5	0.0	0.5	1.2
26	16.6	21.0	18.4	80.5	16.926	14.9	4.2	0.8	5.0	0.4
27	15.0	24.0	19.6	76.7	17.717	15.5	0.0	0.0	0.0	3.6
28							0.0	0.0	0.0	2.7
29							0.0	0.0	0.0	5.2
30							0.0	0.0	0.0	3.8
PROM.							103.4	59.7	163.1	75.1

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
PROM.										

ESTACION: LUIS BUSTAMANTE MUNICIPIO VILLARRICA AÑO: 1.977

ALTITUD: 1.610 LATITUD: 3-56 N. LONGITUD: 74-36 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.6	24.0	19.1	14.3	25.6	84.3	18.637	16.3	53.7	8	119.7
FEBRERO	15.9	23.3	19.1	15.0	26.3	86.8	19.095	16.7	56.3	16	79.9
MARZO	16.0	23.9	19.8	15.0	26.2	81.7	18.913	16.6	248.2	18	86.8
ABRIL	15.7	22.8	18.9	15.0	26.2	87.3	19.178	16.8	367.6	25	80.1
MAYO	15.6	22.2	18.6	14.2	24.2	90.1	19.323	16.9	194.7	29	71.8
JUNIO	15.3	22.6	18.6	13.6	24.6	88.9	19.083	16.7	143.1	27	102.4
JULIO	15.5	23.4	19.3	14.0	26.0	85.4	19.040	16.7	104.9	19	120.1
AGOSTO	15.6	23.7	19.2	14.4	26.5	81.9	18.125	15.9	56.9	22	120.5
SEPTIEMBRE	15.6	23.6	19.3	14.6	26.3	78.5	17.417	15.3	158.0	19	100.1
OCTUBRE	15.7	22.8	18.7	14.7	25.5	83.6	18.004	15.8	306.6	24	75.1
NOVIEMBRE									163.1	23	75.1
DICIEMBRE											
PROMEDIO											
TOTAL											

ESTACION: EL LIMON MUNICIPIO: CHAPARRAL AÑO: 1.977

ALTITUD: 990 LATITUD: 3-43 N. LONGITUD: 75-38 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.3	29.8	22.8	74.4	19.236	16.0	0.0	0.0	0.0	6.0
2	18.3	30.6	23.3	80.0	22.280	19.1	0.0	0.0	0.0	9.9
3	18.1	30.4	22.9	85.1	23.860	20.3	0.0	4.1	4.1	9.4
4	18.0	29.3	21.4	89.2	22.576	19.7	2.4	0.0	2.4	2.7
5	18.0	31.8	22.4	79.2	21.638	18.7	0.0	0.0	0.0	9.3
6	15.0	31.4	22.0	75.8	20.194	17.5	0.0	0.0	0.0	10.7
7	15.4	30.0	22.0	80.2	21.029	18.2	0.0	0.0	0.0	9.2
8	17.7	27.7	20.3	91.8	21.748	18.8	0.0	0.0	0.0	5.0
9	17.6	30.3	22.2	83.3	22.004	19.0	0.0	1.5	1.5	9.6
10	18.0	29.9	22.5	85.8	23.353	20.0	0.1	0.2	0.3	8.5
11	17.1	29.8	22.4	84.8	22.987	19.7	0.0	3.8	3.8	9.3
12	18.0	29.8	22.2	83.2	22.173	19.1	0.0	0.0	0.0	7.6
13	18.1	30.5	23.1	89.2	25.489	21.4	0.0	1.4	1.4	9.1
14	18.1	30.6	24.2	80.1	23.933	20.4	0.0	0.0	0.0	7.8
15	18.4	32.1	23.3	79.7	22.689	19.5	0.0	0.0	0.0	8.5
16	18.4	32.8	23.8	80.4	23.672	20.2	0.0	0.0	0.0	8.9
17	16.8	31.8	24.0	75.4	22.192	19.2	0.0	25.3	25.3	8.1
18	17.8	29.6	23.3	84.8	23.944	20.4	0.0	15.0	15.0	5.6
19	18.6	28.0	22.2	89.9	23.899	20.3	0.0	16.0	16.0	3.4
20	18.6	29.3	22.5	86.5	23.387	20.0	4.5	0.0	4.5	5.3
21	19.0	29.4	22.0	85.6	22.541	19.4	0.0	0.0	0.0	6.0
22	19.0	29.1	22.0	81.8	22.019	19.0	0.0	0.0	0.0	7.2
23	19.4	30.2	22.8	85.6	23.774	20.3	0.0	30.0	30.0	5.0
24	18.0	26.3	21.0	88.6	22.107	19.1	1.5	0.0	1.5	1.3
25	18.0	29.4	22.5	87.2	23.507	20.1	0.0	1.2	1.2	7.9
26	18.0	28.3	21.8	89.6	23.342	20.0	0.5	0.0	0.5	3.1
27	17.7	29.6	21.3	85.0	21.523	18.7	0.0	0.1	0.1	7.0
28	18.4	29.9	22.4	88.9	24.184	20.6	0.0	0.0	0.0	7.1
29	18.6	30.6	22.0	82.0	21.477	18.6	0.0	0.8	0.8	8.0
30	18.5	30.3	22.5	83.7	22.643	19.5	0.0	0.0	0.0	7.9
31	17.0	30.0	22.1	85.7	22.703	19.5	0.0	8.4	8.4	5.7
PROM.	17.9	30.0	22.4	84.0	22.661	19.4	9.0	107.8	116.8	220.1

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.8	28.6	21.3	85.6	21.795	18.9	0.0	4.1	4.1	2.7
2	18.0	29.0	22.3	86.8	23.393	20.0	0.0	0.0	0.0	5.7
3	18.1	30.6	22.5	79.6	21.863	18.9	0.0	0.0	0.0	9.3
4	17.1	31.3	22.1	69.0	18.176	16.0	0.0	0.0	0.0	9.4
5	17.0	31.6	22.2	74.6	19.476	17.1	0.0	0.0	0.0	7.3
6	18.0	31.0	22.9	85.1	23.773	20.2	0.0	2.5	2.5	7.2
7	17.4	26.7	20.3	92.4	21.982	19.0	0.9	0.0	0.9	3.3
8	17.0	30.3	21.9	84.9	22.188	19.2	0.0	0.0	0.0	5.2
9	16.9	31.3	22.8	76.8	21.085	18.3	0.0	0.0	0.0	9.1
10	18.0	32.6	24.0	71.6	21.239	18.4	0.0	0.0	0.0	9.8
11	18.4	32.1	24.5	78.8	23.887	20.3	0.0	5.9	5.9	6.2
12	16.8	25.1	21.1	91.6	22.726	19.5	0.2	0.0	0.2	7.7
13	17.4	30.8	22.5	81.8	22.386	19.3	0.0	0.0	0.0	6.5
14	18.4	30.0	22.5	82.1	22.461	19.3	0.0	0.0	0.0	8.2
15	17.8	30.0	22.5	85.2	23.279	19.9	0.7	0.0	0.7	6.8
16	18.0	29.0	22.8	91.5	25.090	21.1	0.7	7.7	8.4	2.1
17	17.8	28.4	22.2	86.9	23.203	19.9	0.0	18.8	18.8	5.0
18	17.6	28.6	21.5	86.9	22.034	19.0	9.3	0.0	9.3	1.1
19	18.0	30.0	21.9	85.1	22.607	19.5	0.0	8.7	8.7	5.4
20	17.1	29.7	21.3	86.3	21.717	18.8	0.1	9.9	10.0	7.0
21	17.8	26.9	20.7	92.8	22.829	19.6	1.0	2.7	3.7	5.1
22	18.0	29.6	21.5	85.4	22.196	19.2	0.0	0.0	0.0	5.4
23	18.0	31.0	23.5	77.9	22.129	19.1	0.0	0.0	0.0	2.4
24	18.0	31.0	23.6	76.3	21.580	18.7	0.0	9.1	9.1	5.8
25	17.7	23.6	19.8	95.1	21.787	18.9	1.0	0.0	1.0	0.0
26	17.0	32.0	23.0	71.6	19.320	17.0	0.0	0.0	0.0	7.0
27	18.4	29.8	22.5	83.6	23.137	19.8	0.0	0.0	0.0	6.8
28	18.0	31.1	23.0	78.9	21.807	18.9	0.0	0.0	0.0	9.0
PROM.	17.7	29.7	22.2	83.0	22.112	19.1	13.9	73.4	87.3	166.5

ESTACION: EL LIMON MUNICIPIO: CHAPARRAL AÑO: 1.977

ALTITUD: 990 LATITUD: 3-43 N. LONGITUD: 75-38 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	31.1	23.5	73.8	20.689	18.0	0.0	0.0	0.0	0.8
2	16.8	30.0	21.3	90.3	22.475	19.3	0.0	0.0	0.0	3.3
3	19.1	28.6	21.8	80.8	21.350	18.5	0.0	0.0	0.0	0.4
4	19.0	30.6	22.3	79.6	21.514	18.7	0.0	0.0	0.0	3.8
5	18.8	32.0	24.0	73.3	21.542	18.7	0.0	0.0	0.0	6.8
6	18.4	32.8	24.0	70.8	20.736	18.1	0.0	0.0	0.0	6.8
7	18.6	33.3	24.3	69.8	20.839	18.2	0.0	0.0	0.0	8.8
8	18.0	32.4	23.3	68.7	19.376	17.0	0.0	0.0	0.0	4.4
9	18.8	31.8	23.8	80.0	23.597	20.1	0.0	0.0	0.0	2.5
10	19.8	33.3	25.0	66.2	20.707	18.1	0.0	0.0	0.0	7.0
11	18.8	33.6	25.5	68.9	21.533	18.7	0.0	0.0	0.0	7.9
12	18.6	34.4	25.9	65.0	20.481	17.9	0.0	0.3	0.3	8.9
13	18.4	32.0	23.5	70.8	19.946	17.4	0.0	10.5	10.5	4.7
14	19.3	31.0	23.3	77.2	21.444	18.6	0.0	0.0	0.0	5.1
15	17.8	27.7	21.7	87.6	22.750	19.6	0.0	11.4	11.4	1.0
16	18.8	24.4	20.0	93.7	21.858	18.9	0.9	0.0	0.9	0.0
17	17.6	30.0	22.0	84.3	21.951	18.9	1.6	0.0	1.6	4.7
18	17.8	32.0	24.5	75.5	22.638	19.5	0.1	10.0	10.1	7.2
19	18.8	30.0	22.8	82.7	22.737	19.5	0.0	0.0	0.0	2.0
20	18.4	32.6	24.0	72.4	21.433	18.6	0.0	0.0	0.0	5.4
21	17.4	33.0	24.3	68.1	19.503	17.1	0.0	0.0	0.0	6.7
22	18.4	31.0	25.0	74.2	22.827	19.6	0.0	0.0	0.0	5.4
23	18.8	30.6	24.5	81.1	24.245	20.6	0.0	74.1	74.1	5.8
24	18.0	30.0	22.5	84.5	22.886	19.7	0.0	22.6	22.6	4.7
25	17.0	31.0	22.8	77.7	20.826	18.1	0.0	7.3	7.3	5.1
26	18.4	31.0	22.3	84.6	22.965	19.7	0.0	0.0	0.0	4.5
27	18.8	31.8	23.3	79.8	22.827	19.6	0.0	0.0	0.0	4.9
28	18.8	22.4	20.1	97.7	22.992	19.7	18.8	1.5	20.3	0.0
29	17.6	29.0	22.0	85.0	22.301	19.2	0.0	42.6	42.6	6.0
30	18.5	25.6	21.2	88.6	22.345	19.3	0.8	0.0	0.8	0.0
31	17.6	28.0	22.0	88.4	23.510	20.1	0.0	0.0	0.0	3.9
PROM.	18.3	30.5	23.1	78.7	21.833	18.9	22.2	180.3	202.5	138.5

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	25.3	20.0	94.0	21.932	19.0	20.1	16.6	36.7	2.9
2	19.0	27.1	21.5	88.2	22.869	19.7	2.8	4.5	7.3	3.2
3	19.0	27.0	21.3	91.2	23.209	19.9	0.1	3.8	3.9	2.1
4	18.0	25.6	19.3	93.7	21.350	18.5	1.2	0.0	1.2	0.0
5	17.4	28.0	21.8	85.6	22.131	19.1	0.0	4.7	4.7	4.6
6	17.8	28.0	21.6	91.1	23.451	20.0	0.0	62.6	62.6	5.0
7	17.0	28.6	21.6	87.6	22.665	19.5	0.0	1.0	1.0	3.9
8	17.1	28.6	21.8	88.2	22.902	19.6	0.0	0.0	0.0	4.8
9	19.6	29.3	22.5	88.6	24.144	20.5	0.0	0.0	0.0	3.0
10	18.6	29.3	23.7	79.8	22.600	19.3	0.0	0.0	0.0	4.0
11	18.6	29.0	23.0	77.5	21.832	18.9	0.0	1.7	1.7	0.5
12	18.4	29.0	24.0	80.5	23.404	20.0	0.0	0.0	0.0	1.4
13	18.0	31.1	24.5	73.1	21.496	18.6	0.0	0.0	0.0	4.3
14	18.3	29.1	22.8	79.2	21.521	18.6	0.0	0.0	0.0	2.5
15	17.7	32.0	22.3	82.2	22.212	19.1	0.0	0.0	0.0	4.2
16	19.7	30.1	21.9	78.7	20.503	17.8	0.0	1.5	1.5	0.8
17	18.7	29.3	22.0	86.0	23.272	19.9	0.0	0.2	0.2	2.7
18	17.8	32.3	21.7	83.1	22.732	19.4	0.0	0.0	0.0	8.9
19	18.8	32.3	24.5	74.4	22.469	19.3	0.0	0.0	0.0	6.0
20	17.5	33.3	24.3	69.1	20.085	17.6	0.0	0.0	0.0	10.3
21	19.4	27.1	21.9	91.4	24.368	20.7	1.5	0.0	1.5	0.0
22	18.1	32.3	21.5	82.4	21.739	18.8	0.0	0.0	0.0	10.4
23	18.6	26.0	21.4	90.2	22.879	19.6	0.0	37.2	37.2	1.4
24	19.0	25.0	20.7	92.7	22.765	19.6	0.0	20.5	20.5	3.6
25	17.5	26.0	21.2	95.8	24.673	20.8	1.7	23.9	25.6	0.0
26	16.5	25.0	20.0	89.5	20.736	18.0	0.1	0.0	0.1	1.7
27	16.8	26.3	20.7	90.9	22.165	19.1	0.0	3.4	3.4	3.8
28	18.4	28.0	21.8	89.8	23.562	20.1	1.4	0.9	2.3	0.5
29	18.4	26.0	20.9	86.5	21.236	18.4	5.8	0.0	5.8	1.0
30	18.6	28.4	22.0	85.9	22.947	19.7	0.0	0.0	0.0	2.8
PROM.	18.2	28.5	21.9	85.6	22.462	19.3	34.7	182.5	217.2	100.3

ESTACION: EL LIMON MUNICIPIO: CHAPARRAL AÑO: 1.977

ALTITUD: 990 LATITUD: 3-43 N. LONGITUD: 75-38 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	28.0	22.0	87.0	22.950	19.7	0.0	5.0	5.0	3.2
2	18.4	28.3	21.7	83.8	21.549	18.6	0.3	0.0	0.3	2.7
3	18.7	31.8	22.8	80.3	21.911	18.9	0.0	0.1	0.1	6.0
4	19.6	30.0	22.8	79.1	21.723	18.8	0.0	2.0	2.0	4.5
5	18.6	26.3	21.0	87.5	21.843	18.9	3.8	0.4	4.2	0.6
6	18.1	28.0	21.6	86.9	22.537	19.4	3.2	0.0	3.2	3.6
7	17.4	29.0	21.5	82.6	21.055	18.3	0.0	2.3	2.3	6.2
8	19.3	30.0	22.1	84.1	22.577	19.4	0.0	0.0	0.0	2.9
9	18.4	27.0	21.0	80.7	19.956	17.2	0.0	7.2	7.2	5.6
10	17.6	30.5	22.9	82.4	22.808	19.6	0.0	5.7	5.7	2.2
11	19.5	30.1	22.9	84.8	23.361	19.9	0.2	5.0	5.2	6.6
12	18.6	30.3	23.3	80.2	22.459	19.4	0.0	0.0	0.0	4.5
13	19.4	31.8	22.7	80.0	22.172	19.1	0.0	0.0	0.0	4.8
14	18.6	29.6	22.6	85.9	23.897	20.3	0.1	6.9	7.0	6.0
15	19.3	25.6	20.5	88.2	21.284	18.4	0.6	2.2	2.8	3.0
16	18.6	28.0	22.0	87.6	23.154	19.8	0.0	0.6	0.6	1.2
17	19.3	31.0	22.1	81.5	21.954	19.0	0.0	0.0	0.0	7.2
18	18.8	31.1	22.3	76.3	20.848	18.2	0.0	0.0	0.0	7.6
19	20.0	31.4	23.8	77.6	22.818	19.6	0.0	0.0	0.0	6.3
20	19.1	27.5	21.8	81.0	21.233	18.4	0.0	0.0	0.0	0.0
21	18.0	30.5	23.3	78.6	22.154	19.1	0.0	0.0	0.0	4.5
22	18.6	29.6	21.7	83.5	21.511	18.6	0.0	0.0	0.0	0.9
23	17.0	26.5	21.2	87.8	22.563	19.4	6.4	0.0	6.4	1.0
24	17.0	29.0	21.8	82.9	21.485	18.6	0.0	0.4	0.4	4.1
25	18.7	28.0	23.3	75.2	20.767	18.0	9.5	0.0	9.5	0.9
26	18.0	31.0	23.4	79.5	22.255	19.2	0.0	0.0	0.0	4.2
27	18.6	27.0	20.6	89.1	22.220	19.2	32.8	0.0	32.8	2.0
28	18.0	29.3	23.0	76.8	21.194	18.4	0.0	0.5	0.5	5.7
29	18.0	24.8	21.1	92.5	23.272	19.9	2.6	0.0	2.6	0.0
30	17.4	31.0	23.5	67.3	17.849	14.9	0.0	0.0	0.0	6.9
31	17.4	31.0	22.5	79.1	21.734	18.7	0.0	0.0	0.0	5.6
PROM.	18.4	29.1	22.2	82.3	21.906	18.9	59.5	38.3	97.8	120.7

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.6	32.0	23.5	77.4	22.233	19.2	0.0	5.9	5.9	5.5
2	19.0	26.8	21.5	90.4	23.161	19.9	2.6	25.6	28.2	1.9
3	18.3	30.3	22.8	81.3	22.378	19.3	0.0	7.0	7.0	5.6
4	18.5	28.0	21.4	89.7	22.926	19.7	4.0	0.0	4.0	1.6
5	18.0	30.6	22.2	80.5	21.221	18.4	0.0	0.0	0.0	4.1
6	18.5	30.4	22.3	85.5	23.135	19.8	0.8	0.2	1.0	6.4
7	19.0	29.0	22.5	86.5	24.026	20.4	10.7	3.3	14.0	4.9
8	18.0	29.3	23.0	79.5	22.248	19.2	0.2	0.0	0.2	7.5
9	18.8	28.4	23.0	80.3	22.509	19.4	0.0	0.0	0.0	5.0
10	17.8	28.4	22.1	85.2	22.652	19.6	0.0	4.5	4.5	3.2
11	18.0	30.6	22.3	84.1	22.386	19.3	0.0	16.5	16.5	5.0
12	17.4	24.9	19.7	92.8	21.840	18.9	2.9	17.1	20.0	0.1
13	18.3	30.0	22.3	80.7	21.643	18.8	0.0	0.0	0.0	5.7
14	19.3	29.0	23.2	82.2	23.316	20.0	0.0	0.0	0.0	4.8
15	18.0	30.0	23.0	79.6	22.388	19.3	0.0	0.0	0.0	6.3
16	17.6	30.1	22.9	77.6	21.347	18.4	0.0	1.2	1.2	3.6
17							0.0	0.2	0.2	5.3
18							0.0	0.0	0.0	7.0
19							0.6	0.0	0.6	8.6
20							0.0	40.5	40.5	7.4
21							2.6	0.0	2.6	2.7
22							0.0	0.0	0.0	9.2
23							0.0	0.0	0.0	8.1
24							0.0	0.0	0.0	7.3
25							0.0	0.0	0.0	5.4
26							0.0	0.0	0.0	0.0
27							0.0	0.0	0.0	7.7
28							0.0	0.0	0.0	0.7
29							0.1	0.7	0.8	4.0
30							0.3	0.0	0.3	6.0
PROM.							24.8	122.7	147.5	150.6

ESTACION: EL LIMON MUNICIPIO: CHAPARRAL AÑO: 1.977

ALTITUD: 990 LATITUD: 3-43 N. LONGITUD: 75-38 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1							0.0	12.7	12.7	8.1
2							0.7	5.1	5.8	7.7
3							0.0	1.5	1.5	9.9
4							1.6	0.0	1.6	2.8
5							0.0	2.2	2.2	6.5
6							0.0	6.7	6.7	6.6
7							3.0	0.0	3.0	0.3
8							0.0	0.0	0.0	2.8
9							0.0	0.0	0.0	4.4
10							0.0	0.0	0.0	7.0
11							0.0	0.0	0.0	10.3
12							0.0	0.0	0.0	1.4
13							0.0	1.2	1.2	9.4
14							0.0	1.0	1.0	5.3
15							4.1	0.3	4.4	5.2
16							0.0	0.0	0.0	3.5
17							0.0	0.0	0.0	6.5
18							0.0	0.0	0.0	6.5
19	18.6	32.3	23.3	73.8	20.995	18.3	0.0	0.0	0.0	4.0
20	18.0	32.0	23.5	71.1	20.401	17.8	0.0	0.0	0.0	5.7
21	19.0	33.5	24.1	63.5	18.098	15.8	0.0	0.0	0.0	9.6
22	17.3	32.0	23.1	65.4	18.133	16.0	0.0	0.0	0.0	10.8
23	18.5	32.8	25.2	66.6	20.398	17.8	0.0	0.0	0.0	8.4
24	19.6	32.1	24.0	71.4	21.358	18.5	0.0	0.0	0.0	5.4
25	19.2	31.0	23.5	67.4	19.145	16.8	0.0	1.8	1.8	3.9
26	18.5	31.8	23.9	72.8	20.986	18.3	0.0	13.8	13.8	5.7
27	19.0	27.0	21.8	86.7	22.514	19.4	5.7	24.5	30.2	2.1
28	17.4	30.8	22.0	80.3	21.050	18.3	0.0	0.0	0.0	3.0
29	17.3	32.0	24.3	67.0	19.127	16.8	0.0	0.0	0.0	6.5
30	17.4	32.8	23.5	64.1	18.185	16.0	0.0	0.0	0.0	10.6
31	17.3	31.8	23.3	69.0	19.142	16.8	0.1	2.1	2.2	7.4
PROM.							15 2	72.9	88.1	187.3

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.3	29.0	23.1	79.1	21.900	18.9	0.5	22.9	23.4	5.0
2	18.8	30.8	23.7	75.3	21.581	18.7	0.0	0.0	0.0	5.5
3	18.1	29.1	22.9	68.2	18.801	16.5	0.0	0.2	0.2	2.6
4	18.5	29.6	23.2	79.0	22.108	19.1	0.0	0.0	0.0	2.4
5	18.5	30.0	23.5	75.8	21.683	18.8	0.3	0.0	0.3	4.2
6	18.5	31.8	22.7	79.1	21.314	18.5	6.2	0.1	6.3	5.1
7	19.5	31.8	23.4	74.6	20.871	18.1	0.1	0.2	0.3	6.0
8	18.5	30.4	24.2	70.2	20.587	17.9	0.0	2.2	2.2	6.7
9	17.4	32.0	23.8	68.5	19.707	17.3	0.0	0.0	0.0	7.0
10	18.5	31.6	24.4	68.5	20.201	17.6	0.0	0.0	0.0	6.9
11	19.0	32.8	24.3	66.2	18.982	16.5	0.0	0.0	0.0	9.9
12	18.8	33.0	24.4	63.5	19.131	16.8	0.0	14.4	14.4	9.4
13	17.4	31.0	23.8	76.6	22.196	19.2	0.0	29.7	29.7	8.1
14	18.0	30.0	22.8	79.9	21.789	18.8	0.3	51.9	52.2	6.8
15	17.4	30.8	23.2	81.1	22.934	19.7	0.1	7.3	7.4	0.9
16	18.0	28.5	22.6	79.9	21.561	18.7	0.0	0.0	0.0	8.4
17	18.5	31.0	23.5	69.1	19.608	17.2	0.0	0.0	0.0	9.0
18	16.3	30.0	23.3	68.5	18.815	16.5	0.0	0.0	0.0	6.9
19	18.0	31.0	24.0	71.6	20.848	18.2	0.0	0.0	0.0	9.8
20	18.1	30.0	23.2	77.8	22.136	19.1	0.7	1.4	2.1	1.8
21	16.0	26.4	20.6	81.0	20.007	17.5	0.0	1.0	1.0	3.8
22	18.5	31.2	24.0	73.5	21.536	18.7	0.0	0.0	0.0	6.4
23	16.8	32.5	24.2	65.9	18.822	16.5	0.0	0.0	0.0	10.5
24	16.3	32.8	24.1	62.0	17.522	15.2	0.0	0.0	0.0	9.4
25	18.7	31.6	23.9	69.8	19.919	17.4	0.0	0.0	0.0	3.5
26	18.8	31.4	23.9	74.7	21.689	18.8	0.0	0.0	0.0	3.2
27	18.3	31.4	26.2	67.4	21.125	18.3	0.0	0.3	0.3	4.4
28	19.5	33.2	28.3	61.4	21.777	18.7	0.0	0.0	0.0	7.1
29	17.7	31.3	24.3	62.9	18.204	16.0	0.0	0.2	0.2	4.1
30	19.3	32.8	24.5	68.8	21.074	18.3	0.0	1.6	1.6	4.9
31	19.5	29.4	22.8	76.6	21.008	18.3	0.0	0.0	0.0	1.4
PROM.	18.2	30.9	23.8	72.1	20.627	17.9	8.2	133.4	141.6	181.1

ESTACION: EL LIMON MUNICIPIO: CHAPARRAL AÑO: 1.977

ALTITUD: 990 LATITUD: 3-43 N. LONGITUD: 75-38 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	31.5	23.2	72.1	19.897	17.4	0.0	1.3	1.3	4.8
2	19.0	33.7	25.8	63.8	19.529	17.1	0.0	0.0	0.0	7.2
3	19.4	31.5	23.9	72.6	21.162	18.3	0.0	0.0	0.0	2.4
4	18.4	33.9	26.3	57.6	18.355	16.2	0.0	0.0	0.0	10.1
5	19.0	30.6	23.4	75.3	21.183	18.4	0.0	0.0	0.0	2.5
6	17.9	32.1	23.7	71.3	20.019	17.4	0.0	0.0	0.0	3.5
7	17.3	33.4	25.4	58.9	18.183	15.9	0.0	0.0	0.0	9.4
8	19.3	32.5	24.7	66.7	20.049	17.5	0.0	0.0	0.0	5.7
9	20.0	32.5	24.9	66.8	20.528	17.9	0.2	0.6	0.8	5.2
10	19.5	32.5	24.4	68.6	20.159	17.6	0.1	0.1	0.2	5.0
11	20.0	33.5	25.7	61.8	19.675	17.2	0.0	0.0	0.0	4.7
12	18.5	29.9	23.5	67.0	18.959	16.7	0.0	0.0	0.0	0.4
13	18.3	32.5	23.7	66.7	19.220	16.9	0.0	0.0	0.0	4.2
14	19.5	27.8	22.0	80.2	20.897	18.2	2.2	0.0	2.2	0.1
15	19.5	30.5	24.6	65.6	19.589	17.1	0.0	0.0	0.0	2.5
16	19.5	32.3	25.1	62.0	19.295	16.9	0.0	0.0	0.0	3.8
17	18.5	33.5	24.5	66.3	20.020	17.5	0.0	0.0	0.0	6.4
18	19.0	34.6	25.3	61.4	19.598	17.1	0.0	7.0	7.0	10.3
19	19.0	32.6	24.4	74.3	21.906	18.9	2.0	5.9	7.9	8.0
20	18.5	32.6	24.3	71.7	20.602	17.9	0.0	48.0	48.0	6.6
21	18.3	28.3	21.8	84.6	21.796	18.8	0.9	11.0	11.9	3.6
22	19.0	31.0	23.6	79.7	22.574	19.3	0.0	0.0	0.0	4.6
23	19.0	30.8	24.5	70.9	21.499	18.6	0.0	0.0	0.0	5.2
24	19.5	33.3	25.5	71.3	22.572	19.4	0.0	42.0	42.0	5.8
25	19.5	30.4	23.9	77.0	22.460	19.3	0.0	16.1	16.1	8.6
26	18.3	29.5	22.4	83.0	22.213	19.1	0.0	38.3	38.3	6.9
27	18.5	27.0	21.4	86.2	22.083	19.1	2.0	5.6	7.6	0.5
28	18.8	26.5	21.6	83.4	21.403	18.5	0.0	2.4	2.4	0.8
29	19.5	28.8	22.8	86.1	23.838	20.3	1.1	6.8	7.9	1.4
30	18.8	29.1	21.7	91.3	23.979	20.4	3.6	7.4	11.0	1.7
PROM.	18.9	31.3	23.9	72.1	20.775	18.0	12.1	192.9	205.0	142.3

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.3	27.8	22.0	86.0	22.737	19.5	0.5	11.6	12.1	3.2
2	18.8	29.8	22.0	82.8	21.732	18.8	0.2	0.0	0.2	3.7
3	17.8	30.8	23.0	83.6	23.394	20.0	0.0	14.2	14.2	9.5
4	18.4	29.9	22.6	84.3	23.077	19.8	1.2	18.3	19.5	4.5
5	18.0	29.9	22.9	83.5	23.152	19.8	0.0	4.2	4.2	8.4
6	17.7	29.9	23.4	83.9	23.550	20.0	0.0	22.7	22.7	3.2
7	18.8	26.3	21.3	89.1	22.483	19.3	1.3	14.7	16.0	2.0
8	18.3	27.7	21.2	90.3	23.097	19.8	15.5	13.6	29.1	2.2
9	19.5	25.6	20.7	95.1	23.299	19.9	2.3	2.8	5.1	0.6
10	18.0	27.8	21.7	87.8	22.722	19.5	3.2	23.1	26.3	2.9
11	18.4	28.6	21.6	87.8	22.629	19.5	3.5	12.8	16.3	5.2
12	19.1	29.9	21.4	87.7	22.555	19.4	0.0	0.0	0.0	3.8
13	18.5	28.5	21.1	88.2	22.160	19.1	2.1	0.0	2.1	1.3
14	18.6	29.9	22.7	80.3	22.051	19.1	0.0	30.0	30.0	5.1
15	18.8	31.2	24.2	74.8	22.247	19.2	0.0	51.7	51.7	8.6
16	18.4	31.2	22.2	83.6	22.677	19.5	0.0	0.0	0.0	9.4
17	19.8	30.5	24.2	74.9	22.862	19.7	1.3	7.8	9.1	6.8
18	19.5	28.8	22.6	81.4	22.128	19.0	0.0	0.0	0.0	5.3
19	19.5	31.3	24.1	81.0	24.020	20.4	0.0	0.0	0.0	8.9
20	19.5	29.6	22.9	83.6	23.578	20.1	0.0	0.0	0.0	3.9
21	19.5	30.4	23.2	77.3	21.664	18.7	0.0	0.0	0.0	3.6
22	19.6	31.8	24.3	76.0	23.222	19.9	0.0	0.0	0.0	5.2
23	19.5	31.7	23.7	81.5	23.633	20.2	0.0	19.1	19.1	8.4
24	19.5	27.3	22.1	87.0	23.388	20.0	0.1	0.2	0.3	2.8
25	18.4	29.4	22.8	84.1	23.186	19.8	5.6	35.3	40.9	4.9
26	19.5	28.8	22.4	87.5	24.119	20.5	0.8	0.4	1.2	3.3
27	17.5	29.9	22.4	83.9	22.718	19.5	0.0	7.9	7.9	7.1
28	18.8	28.3	21.1	86.3	21.971	19.0	85.4	1.2	86.6	2.0
29	16.4	29.8	21.3	82.9	20.726	18.0	0.0	1.8	1.8	7.5
30	18.0	27.3	21.7	87.1	22.435	19.3	0.3	0.0	0.3	0.6
31	18.1	29.9	23.2	85.5	24.000	20.3	0.0	4.2	4.2	6.7
PROM.	18.7	29.3	22.5	84.2	22.813	19.6	122.7	298.2	420.9	150.6

ESTACION: EL LIMON MUNICIPIO: CHAPARRAL AÑO: 1.977

ALTITUD: 990 LATITUD: 3-43 N. LONGITUD: 75-38 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.0	28.7	22.4	88.7	23.910	20.3	3.2	1.8	5.0	3.9
2	19.4	29.4	23.4	85.7	24.635	20.9	0.3	16.1	16.4	4.7
3	18.1	29.9	23.9	81.9	23.936	20.3	0.0	5.4	5.4	9.0
4	18.8	26.5	21.9	88.9	23.573	20.1	4.3	0.0	4.3	1.3
5	18.5	30.5	23.8	83.0	24.054	20.4	0.3	0.0	0.3	4.8
6	19.3	27.7	22.5	87.6	23.854	20.3	3.5	10.3	13.8	1.9
7	19.3	28.3	21.9	86.9	23.184	19.9	0.0	0.0	0.0	4.5
8	18.0	26.9	22.1	84.5	22.284	19.2	0.0	0.0	0.0	3.5
9	19.3	27.9	22.0	90.3	23.882	20.3	0.2	17.3	17.5	2.3
10	19.5	27.5	22.3	86.3	23.186	19.9	0.7	11.1	11.8	3.1
11	17.5	28.0	21.6	88.3	22.929	19.7	0.0	0.0	0.0	3.1
12	18.5	26.5	21.2	91.9	23.049	19.8	2.8	0.5	3.3	0.0
13	18.5	26.0	21.7	91.7	24.130	20.5	19.7	0.0	19.7	0.0
14	18.0	26.2	21.8	92.5	24.188	20.5	1.3	0.0	1.3	1.7
15	19.1	26.0	21.4	89.3	23.033	19.8	0.0	14.4	14.4	0.8
16	18.6	29.9	22.8	83.8	23.186	19.9	0.0	29.7	29.7	4.1
17	18.8	28.8	22.2	85.6	23.017	19.8	5.4	62.9	68.3	2.7
18	18.7	27.9	21.9	85.8	22.367	19.3	0.0	0.0	0.0	5.6
19	18.4	28.3	22.4	87.1	23.606	20.1	0.0	38.3	38.3	6.5
20	18.1	29.6	23.3	83.3	23.957	20.4	0.0	5.0	5.0	8.1
21	18.3	30.2	23.1	85.0	23.949	20.4	0.3	0.0	0.3	7.9
22	18.6	30.5	22.9	84.7	23.705	20.2	0.0	9.5	9.5	6.3
23	19.1	29.5	22.1	86.7	23.087	19.8	7.9	25.8	33.7	3.2
24	18.4	30.8	22.9	85.4	23.726	20.2	0.0	0.0	0.0	9.2
25	18.6	30.7	23.9	81.4	23.789	20.2	0.4	0.9	1.3	4.3
26	19.3	31.2	23.3	84.9	24.262	20.6	0.1	6.9	7.0	5.3
27	19.0	31.1	24.3	83.4	25.170	21.2	0.2	12.6	12.8	5.8
28	19.3	28.8	23.3	84.5	23.897	20.3	1.1	0.0	1.1	1.2
29	17.7	30.8	22.9	80.1	22.179	19.1	0.0	0.0	0.0	9.9
30	17.1	30.8	22.5	77.7	21.411	18.5	0.0	0.0	0.0	9.5
PROM.	18.6	28.8	22.6	85.9	23.505	20.1	51.7	268.5	320.2	134.2

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	30.5	22.5	81.3	22.149	19.1	0.0	5.9	5.9	7.6
2	19.3	28.8	23.0	89.3	25.196	21.2	0.0	75.7	75.7	4.8
3	19.3	27.4	21.6	88.8	23.182	19.9	7.8	0.0	7.8	2.0
4	18.8	29.9	22.3	83.2	22.693	19.5	0.0	0.0	0.0	5.2
5	18.3	31.3	23.3	79.5	22.756	19.6	0.0	0.0	0.0	9.8
6	19.4	31.8	23.5	77.5	22.736	19.5	0.0	0.0	0.0	6.7
7	19.1	31.8	23.3	77.4	21.831	18.9	0.0	0.0	0.0	4.8
8	19.3	32.3	23.6	72.7	21.305	18.5	0.0	3.4	3.4	9.5
9	19.4	33.1	24.5	81.1	24.592	20.8	0.0	0.0	0.0	5.5
10	19.6	32.5	23.7	76.1	22.461	19.3	0.0	16.2	16.2	6.2
11	20.0	30.5	22.2	87.4	23.900	20.3	0.9	28.6	29.5	2.5
12	19.3	31.0	23.5	83.6	24.032	20.4	0.0	6.7	6.7	4.6
13	19.3	30.5	23.0	83.4	23.351	20.0	0.6	0.0	0.6	4.0
14	18.8	29.5	22.5	85.9	23.339	19.9	0.0	0.0	0.0	6.2
15	18.6	30.5	23.3	81.0	22.979	19.6	0.0	12.6	12.6	7.6
16	19.9	27.3	22.4	87.0	23.572	20.1	0.5	0.0	0.5	0.0
17	19.1	31.3	23.5	80.8	23.223	19.8	0.0	8.6	8.6	9.1
18	19.5	31.1	24.4	84.1	25.108	21.1	0.0	0.0	0.0	6.3
19	19.3	30.0	22.5	81.8	22.487	19.4	0.0	0.0	0.0	5.8
20	17.5	30.0	22.5	81.4	22.203	19.1	0.0	23.8	23.8	8.4
21	19.1	32.0	23.2	79.8	22.723	19.5	0.0	0.0	0.0	8.3
22	18.0	32.0	24.1	80.4	23.572	20.1	0.0	1.8	1.8	8.5
23	19.4	32.3	24.0	80.5	23.772	20.3	0.0	0.0	0.0	6.2
24	20.0	33.1	25.6	74.8	23.951	20.4	0.0	10.3	10.3	9.7
25	19.8	32.0	24.4	71.3	22.227	19.0	0.0	0.0	0.0	8.7
26	19.7	30.5	23.5	83.0	24.094	20.5	0.1	0.7	0.8	4.8
27	19.8	27.7	22.1	90.4	24.303	20.6	0.0	42.6	42.6	2.3
28	18.6	28.8	22.9	85.7	23.663	20.2	0.0	19.4	19.4	4.0
29	19.5	27.3	22.7	84.0	23.015	19.7	0.0	0.0	0.0	1.9
30	19.8	28.5	23.0	88.8	25.028	21.1	0.0	2.4	2.4	4.0
31	19.3	27.8	23.2	85.4	23.902	20.3	0.0	2.1	2.1	0.2
PROM.	19.2	30.4	23.2	82.2	23.334	19.9	5.9	260.8	270.7	175.2

ESTACION: EL LIMON MUNICIPIO CHAPARRAL AÑO: 1.977

ALTITUD: 990 LATITUD: 3-43 N. LONGITUD: 75-38 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	17.9	30.0	22.4	15.0	32.8	84.0	22.661	19.4	116.8	17	220.1
FEBRERO	17.7	29.7	22.2	16.8	32.6	83.0	22.112	19.1	87.3	14	166.5
MARZO	18.3	30.5	23.1	16.8	34.4	78.7	21.833	18.9	202.5	12	138.5
ABRIL	18.2	28.5	21.9	16.5	33.3	85.6	22.482	19.3	217.2	18	100.3
MAYO	18.4	29.1	22.2	16.8	31.8	82.3	21.906	18.9	97.8	19	120.7
JUNIO									147.5	17	150.6
JULIO									88.1	14	187.3
AGOSTO	18.2	30.9	23.8	16.3	33.2	72.1	20.627	17.9	141.6	15	181.1
SEPTIEMBRE	18.9	31.3	23.9	17.3	34.6	72.1	20.775	18.0	205.0	16	142.3
OCTUBRE	18.7	29.3	22.5	16.4	31.8	84.2	22.813	19.6	420.9	24	150.8
NOVIEMBRE	18.6	28.8	22.6	17.1	31.2	85.9	23.505	20.1	320.2	23	134.2
DICIEMBRE	19.2	30.4	23.2	17.5	33.1	82.2	23.334	19.9	270.7	19	175.2
PROMEDIO											
TOTAL									2315.6	208	1867.4

ESTACION: LA MONTAÑA MUNICIPIO: OCLCRES AÑO: 1.977

ALTITUD: 1.260 LATITUD: 3-33 N. LONGITUD: 74-54 W.

M E S — ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	25.6	19.1	87.2	19.261	16.9	0.1	0.0	0.1	3.2
2	15.4	25.7	21.3	78.2	18.848	16.6	0.0	0.0	0.0	6.9
3	17.0	25.0	18.7	84.1	18.559	16.3	0.4	0.0	0.4	6.6
4	14.6	23.1	18.9	81.1	17.486	15.2	0.0	0.0	0.0	5.0
5	14.0	26.0	20.3	54.2	12.240	9.9	0.0	0.0	0.0	10.3
6	13.3	25.6	19.8	60.6	13.478	11.4	0.0	0.0	0.0	10.2
7	13.0	25.0	18.3	76.6	15.872	13.9	0.0	0.0	0.0	9.6
8	15.1	24.0	18.4	80.8	17.043	14.9	0.0	0.0	0.0	5.0
9	15.0	25.6	20.4	65.7	15.461	13.2	0.0	0.0	0.0	7.3
10	15.0	25.0	20.3	74.4	17.494	15.3	0.0	0.0	0.0	7.0
11	14.3	25.0	19.7	70.2	15.683	13.6	0.0	0.0	0.0	6.2
12	14.0	25.3	19.7	70.2	15.677	13.6	0.1	0.0	0.1	6.5
13	13.6	25.4	20.7	69.4	16.706	14.4	0.0	0.0	0.0	8.8
14	13.0	27.0	20.8	53.7	13.086	10.9	0.0	0.0	0.0	7.3
15	17.0	26.8	20.8	52.9	12.822	10.6	0.0	0.0	0.0	10.0
16	18.0	28.0	21.6	55.3	14.273	12.3	0.0	0.0	0.0	9.4
17	14.0	27.0	20.1	63.9	14.228	12.2	0.0	0.0	0.0	7.5
18	14.6	23.0	18.3	79.6	16.431	14.4	0.0	20.8	20.8	4.1
19	14.7	20.0	16.4	82.8	15.894	13.7	2.0	3.9	5.9	1.1
20	14.0	22.6	19.2	77.5	16.890	14.8	0.0	4.2	4.2	4.5
21	14.0	24.4	19.0	76.7	16.429	14.3	0.4	0.0	0.4	6.8
22	15.0	24.0	20.1	79.6	18.458	16.2	0.0	0.0	0.0	8.7
23	15.0	26.0	20.2	68.0	15.592	13.4	0.0	3.1	3.1	9.5
24	15.6	25.0	21.0	72.4	17.683	15.4	0.0	0.0	0.0	4.1
25	17.0	26.0	21.2	74.6	18.585	16.3	0.0	0.2	0.2	6.3
26	17.0	24.0	21.1	74.9	18.596	16.3	0.0	0.0	0.0	4.9
27	18.0	25.0	21.0	70.5	17.536	15.3	0.0	0.0	0.0	7.1
28	17.0	26.0	21.3	73.8	18.552	16.3	0.0	12.8	12.8	7.3
29	15.0	25.0	22.1	68.4	17.177	14.9	0.0	0.0	0.0	7.4
30	17.0	26.0	22.0	68.4	17.620	15.4	0.0	0.0	0.0	8.2
31	17.0	25.0	21.0	71.3	18.063	15.8	0.9	5.6	6.5	5.6
PROM.	15.2	25.1	20.1	71.5	16.507	14.3	3.9	50.6	54.5	212.4

M E S — FEBRERC

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	25.0	20.3	80.3	18.935	16.5	0.1	0.0	0.1	3.2
2	17.0	25.0	21.6	77.2	19.643	17.1	0.0	0.0	0.0	6.9
3	17.0	26.0	22.2	67.6	17.069	14.7	0.0	0.0	0.0	6.0
4	16.0	27.0	22.3	57.1	14.453	12.2	0.0	0.0	0.0	10.2
5	17.0	28.0	22.7	66.8	17.728	15.4	0.0	0.0	0.0	9.0
6	17.0	27.0	21.9	78.2	20.079	17.5	0.0	0.0	0.0	3.9
7	17.0	22.0	18.8	96.8	20.907	18.2	1.1	0.0	1.1	0.2
8	17.0	26.0	22.1	63.5	16.557	14.5	0.0	0.0	0.0	7.7
9	19.0	26.0	22.4	55.1	14.853	12.9	0.0	0.0	0.0	9.7
10	19.0	28.0	23.6	55.5	15.985	14.0	0.0	0.0	0.0	8.8
11	17.4	26.0	22.5	76.4	20.568	17.7	0.0	0.3	0.3	3.6
12	17.0	22.0	19.4	83.7	18.736	16.4	0.0	0.0	0.0	0.3
13	16.0	27.0	22.1	63.9	16.753	14.7	0.0	0.0	0.0	6.2
14	18.0	27.0	22.4	69.7	18.763	16.5	0.0	0.0	0.0	7.1
15	17.0	25.0	21.5	65.6	16.313	14.3	0.3	0.1	0.4	3.9
16	17.0	25.0	21.4	79.1	19.706	17.2	0.3	0.0	0.3	4.1
17	18.0	25.0	20.5	76.5	18.668	16.4	0.0	0.0	0.0	3.0
18	17.0	24.0	19.9	81.9	18.767	16.5	2.5	0.0	2.5	1.0
19	15.5	24.0	19.0	85.0	18.327	16.1	11.2	0.0	11.2	2.7
20	18.0	23.0	19.9	87.9	20.565	17.9	0.0	4.0	4.0	4.9
21	16.0	21.0	18.8	82.0	17.645	15.5	2.0	0.0	2.0	0.5
22	17.0	25.0	21.3	74.5	18.186	15.9	0.0	0.0	0.0	6.9
23	18.0	27.0	22.8	59.7	15.902	13.9	0.0	0.0	0.0	8.1
24	17.0	28.0	23.1	51.1	14.202	12.2	0.0	0.0	0.0	8.4
25	17.0	24.0	20.7	86.8	21.242	18.5	0.0	0.0	0.0	3.4
26	16.0	28.0	23.5	60.3	15.835	13.6	0.0	0.0	0.0	9.9
27	17.2	26.0	23.1	66.4	17.926	15.7	0.0	0.0	0.0	7.4
28	15.6	28.2	23.0	49.9	13.469	11.3	0.0	0.0	0.0	9.6
PROM.	17.1	25.5	21.5	71.4	17.778	15.5	17.5	4.4	21.9	156.6

ESTACION: LA MONTAÑA MUNICIPIO: DELCRES AÑO: 1.977

ALTITUD: 1.260 LATITUD: 3-33 N. LONGITUD: 74-54 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	27.2	22.8	67.4	17.747	15.5	0.0	0.0	0.0	10.1
2	18.0	24.4	22.1	77.1	19.902	17.3	0.0	0.0	0.0	2.2
3	18.0	28.0	22.7	58.0	15.608	13.6	0.0	0.0	0.0	6.3
4	20.0	28.8	23.4	55.2	15.987	14.0	0.0	0.0	0.0	6.7
5	21.0	28.6	22.9	58.5	16.451	14.4	0.0	0.0	0.0	6.4
6	21.0	28.0	23.8	52.9	15.643	13.7	0.0	0.0	0.0	7.8
7	20.0	29.0	23.7	49.5	14.565	12.6	0.0	0.0	0.0	8.1
8	19.6	27.1	22.9	56.5	15.705	13.7	0.0	0.0	0.0	7.4
9	21.0	27.4	22.9	56.5	15.944	13.9	0.0	0.3	0.3	4.1
10	18.4	28.8	23.4	54.4	15.727	13.7	0.0	0.0	0.0	4.4
11	19.8	29.3	24.7	50.3	15.634	13.7	0.0	0.0	0.0	7.6
12	18.0	30.3	25.2	47.2	14.508	12.5	0.0	0.0	0.0	7.2
13	18.0	27.0	22.6	73.2	19.823	17.4	1.8	0.0	1.8	2.6
14	18.0	25.0	20.9	78.4	18.848	16.6	0.8	7.2	8.0	1.4
15	17.7	26.0	21.8	75.8	19.413	17.0	0.0	0.0	0.0	2.7
16	17.3	23.0	19.6	89.6	20.650	18.0	0.0	0.0	0.0	0.8
17	18.0	27.0	22.4	69.6	18.670	16.4	0.0	0.0	0.0	4.6
18	18.0	28.6	23.0	57.6	15.755	13.8	0.1	0.0	0.1	6.1
19	19.6	27.0	22.7	61.8	16.546	14.5	0.0	0.0	0.0	2.8
20	19.3	28.0	23.4	56.1	15.684	13.9	0.0	0.0	0.0	7.3
21	20.0	28.0	23.7	52.2	15.328	13.4	0.0	0.0	0.0	7.7
22	19.0	28.0	21.7	77.0	20.232	17.5	0.0	3.1	3.1	3.8
23	17.0	27.0	21.9	78.3	20.212	17.7	0.0	8.9	8.9	3.4
24	17.0	26.6	21.5	81.8	20.554	17.9	0.2	0.5	0.7	3.0
25	18.0	27.1	22.1	71.7	18.508	16.2	0.0	0.0	0.0	4.2
26	18.0	28.8	22.9	58.2	15.885	13.9	0.0	0.0	0.0	2.7
27	17.0	30.3	23.2	60.3	16.903	14.8	0.0	0.3	0.3	8.4
28	17.4	21.4	18.6	94.5	20.507	17.9	2.9	1.0	3.9	1.3
29	16.8	24.0	20.5	87.2	20.164	17.6	5.8	7.8	13.6	2.5
30	16.5	22.0	18.1	89.4	18.934	16.6	13.4	0.0	13.4	0.5
31	16.6	25.6	20.5	87.8	21.022	18.3	0.2	0.0	0.2	3.9
PROM.	18.4	27.0	22.3	67.2	17.654	15.4	25.2	29.1	54.3	148.0

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	20.0	18.0	97.3	20.034	17.5	3.3	0.0	3.3	0.1
2	17.0	23.3	19.6	80.8	18.516	16.3	0.0	4.8	4.8	1.3
3	16.6	25.0	19.2	88.3	19.524	17.1	3.0	5.0	8.0	4.3
4	14.8	21.6	17.1	86.1	17.707	15.4	2.1	0.2	2.3	2.8
5	16.4	25.0	20.4	82.2	19.596	17.2	8.3	9.4	17.7	3.5
6	15.4	24.0	20.3	77.9	18.540	16.3	0.0	6.2	6.2	3.2
7	15.6	24.0	18.8	89.8	19.648	17.2	0.0	1.2	1.2	2.2
8	17.2	24.0	19.9	91.1	21.323	18.5	11.2	0.0	11.2	4.2
9	17.1	26.0	20.9	82.4	20.476	17.9	0.0	0.0	0.0	3.2
10	18.0	23.0	21.3	85.1	21.152	18.4	0.0	0.0	0.0	2.3
11	19.4	27.0	22.3	63.2	17.081	15.0	0.0	3.1	3.1	4.0
12	16.2	24.4	20.8	80.3	19.729	17.3	0.0	0.0	0.0	2.9
13	19.0	26.6	22.0	73.5	19.414	17.0	0.0	0.0	0.0	5.6
14	17.2	25.4	20.6	79.9	19.502	17.1	4.0	0.0	4.0	2.9
15	18.0	28.0	23.5	60.9	17.416	15.3	0.0	0.4	0.4	9.2
16	19.8	25.3	21.8	70.1	18.183	15.9	0.0	0.5	0.5	2.2
17	17.4	24.0	20.5	82.3	19.348	16.9	2.5	0.0	2.5	3.3
18	18.0	26.3	24.1	76.0	21.609	18.7	0.0	0.0	0.0	5.2
19	18.8	28.0	23.2	68.1	18.522	16.1	0.0	0.0	0.0	5.5
20	18.0	30.0	24.9	57.4	17.693	15.6	0.0	0.0	0.0	8.7
21	20.0	24.4	21.1	84.9	21.197	18.4	4.3	0.0	4.3	0.6
22	16.6	29.0	22.4	83.8	22.273	19.2	0.0	0.5	0.5	9.1
23	17.2	21.4	18.7	96.5	20.956	18.2	31.1	0.5	31.6	0.9
24	16.4	20.6	18.8	96.2	20.729	18.1	2.9	2.2	5.1	0.2
25	16.0	24.8	19.9	95.4	22.033	19.0	0.4	19.6	20.0	4.8
26	16.4	20.6	18.0	97.7	20.148	17.6	14.1	0.0	14.1	2.0
27	15.8	22.2	19.1	94.1	20.874	18.2	11.2	3.4	14.6	3.5
28	16.4	23.0	19.3	93.0	20.910	18.2	0.1	21.6	21.7	2.2
29	15.6	22.0	19.7	87.8	19.919	17.4	5.0	1.2	6.2	2.2
30	16.0	23.3	19.9	90.9	20.908	18.2	0.0	19.1	19.1	6.6
PROM.	17.1	24.4	20.5	83.1	19.632	17.3	103.5	98.9	202.4	108.7

ESTACION: LA MONTAÑA MUNICIPIO: OCLOCRES AÑO: 1.977

ALTITUD: 1.260 LATITUD: 3-33 N. LONGITUD: 74-54 W.

M E S – MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	25.1	19.5	87.4	19.578	17.2	0.1	42.7	42.8	7.7
2	18.0	23.0	20.1	87.4	20.613	17.8	0.1	0.0	0.1	4.1
3	15.8	27.1	21.9	68.1	17.516	15.4	0.0	0.0	0.0	6.6
4	17.0	27.1	22.9	60.9	16.897	14.8	0.0	0.0	0.0	8.2
5	15.6	21.0	17.8	94.2	18.980	16.7	0.0	0.0	0.0	2.8
6	16.0	23.6	19.4	91.8	20.643	18.0	0.0	0.0	0.0	3.6
7	16.0	26.0	21.3	77.1	19.038	16.5	0.0	0.4	0.4	8.0
8	17.0	25.3	21.4	71.3	18.194	16.0	0.0	0.7	0.7	5.4
9	16.2	24.1	21.2	63.3	15.921	13.8	2.2	5.1	7.3	4.8
10	15.9	25.3	20.9	84.0	20.028	17.5	0.0	0.0	0.0	4.4
11	17.8	24.0	20.2	90.3	21.213	18.4	0.0	2.1	2.1	5.3
12	15.0	25.6	21.4	66.7	16.516	14.5	0.0	0.0	0.0	8.6
13	20.0	27.1	23.0	55.7	15.434	13.5	0.0	0.0	0.0	8.3
14	18.2	24.0	20.4	87.4	21.624	18.6	7.2	0.9	8.1	1.9
15	15.8	20.0	18.1	93.5	19.229	16.9	5.4	0.0	5.4	0.0
16	17.0	22.8	18.7	90.2	19.469	17.1	13.5	1.2	14.7	1.8
17	17.0	26.0	21.6	68.1	17.081	15.0	0.0	0.0	0.0	8.9
18	17.0	26.3	21.4	64.4	16.347	14.4	0.0	0.0	0.0	6.7
19	16.6	26.1	21.4	62.8	15.957	14.0	0.0	0.0	0.0	10.7
20	19.4	25.0	22.0	60.5	16.216	14.2	0.0	0.0	0.0	4.7
21	18.2	27.1	21.3	66.1	16.797	14.7	0.0	0.0	0.0	4.0
22	17.2	25.3	21.9	66.9	17.833	15.7	0.0	0.0	0.0	3.9
23	17.0	20.4	18.8	87.5	19.309	16.9	0.5	0.0	0.5	0.0
24	15.2	24.4	19.9	69.5	15.809	13.8	0.0	1.6	1.6	4.5
25	16.0	22.3	19.0	89.8	20.031	17.5	1.0	0.0	1.0	3.2
26	16.0	25.0	19.9	75.4	17.275	15.2	0.0	0.0	0.0	6.9
27	15.6	24.0	18.9	81.2	17.499	15.4	0.0	0.0	0.0	2.4
28	16.2	25.0	20.5	75.9	18.722	16.0	0.0	0.0	0.0	5.8
29	15.6	20.0	18.2	80.8	17.031	14.7	1.5	0.0	1.5	0.8
30	17.0	25.3	21.6	61.2	16.021	14.0	0.0	0.0	0.0	4.0
31	17.0	27.1	22.6	56.3	15.670	13.7	0.0	0.0	0.0	4.9
PROM.	16.8	24.5	20.6	75.3	18.016	15.7	31.5	54.7	86.2	152.9

M E S – JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	27.1	22.9	60.2	16.519	14.5	0.0	0.0	0.0	7.3
2	15.3	20.0	18.3	98.5	20.872	18.2	1.1	1.4	2.5	2.2
3	16.0	25.0	20.1	82.4	19.529	16.9	0.0	1.3	1.3	6.0
4	15.0	24.0	18.4	88.5	18.874	16.4	4.1	0.1	4.2	2.8
5	17.4	24.8	20.5	64.3	15.584	13.5	0.0	0.0	0.0	3.1
6	17.2	25.6	21.5	65.9	16.678	14.6	0.0	0.0	0.0	4.3
7	17.0	23.3	19.5	88.7	20.225	17.6	0.0	5.5	5.5	3.9
8	15.0	23.8	21.0	66.7	16.466	14.4	0.5	0.0	0.5	4.5
9	17.2	25.0	20.8	76.6	18.912	16.6	0.3	1.2	1.5	5.1
10	16.4	24.0	19.7	87.3	19.869	17.4	0.0	0.0	0.0	1.7
11	15.2	26.3	21.3	78.2	19.663	17.2	0.0	0.9	0.9	7.8
12	15.0	21.6	19.5	95.5	21.113	18.3	6.1	0.8	6.9	1.7
13	15.2	25.3	18.8	69.5	14.678	12.4	0.0	0.0	0.0	8.3
14	14.4	25.3	20.8	67.3	16.137	14.1	0.0	0.0	0.0	4.8
15	17.0	25.3	21.2	67.4	16.858	14.7	0.0	0.0	0.0	8.0
16	18.8	25.0	20.6	66.7	16.398	14.4	0.1	0.0	0.1	9.5
17	18.4	25.2	22.1	60.5	16.013	14.0	0.0	0.0	0.0	8.5
18	18.2	26.2	21.2	66.0	17.107	15.0	1.1	0.8	1.9	7.9
19	17.4	26.3	21.4	68.4	17.210	15.2	0.3	0.0	0.3	6.4
20	17.4	26.0	22.0	70.9	18.711	16.4	0.0	0.2	0.2	5.1
21	17.6	22.0	18.7	93.0	20.290	17.7	0.6	0.0	0.6	0.5
22	14.2	27.8	21.3	63.6	15.464	13.5	0.0	0.0	0.0	5.6
23	16.4	27.0	21.9	63.9	16.373	14.4	0.0	0.0	0.0	5.8
24	19.2	26.6	22.4	64.3	17.546	15.4	0.0	1.9	1.9	4.9
25	17.1	25.0	21.7	68.1	17.291	15.1	0.7	0.0	0.7	7.4
26	19.0	26.4	22.6	58.1	15.994	14.0	0.0	0.0	0.0	9.2
27	19.0	26.0	21.0	60.6	15.324	13.3	0.0	0.0	0.0	9.2
28	19.0	23.0	20.4	75.5	17.849	15.5	0.0	0.0	0.0	1.9
29	17.0	25.0	20.2	77.9	18.916	16.6	0.0	0.0	0.0	5.7
30	18.4	25.0	21.2	67.3	16.948	14.9	0.0	0.0	0.0	5.7
PROM.	16.9	25.0	20.8	72.7	17.647	15.4	14.9	14.1	29.0	164.8

ESTACION: LA MONTAÑA MUNICIPIO: OCLCRES AÑO: 1.977

ALTITUD: 1.260 LATITUD: 3-33 L. LONGITUD: 74-54 W.

M E S – JULIO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	25.0	20.3	90.2	21.595	18.7	1.4	0.0	1.4	5.6
2	17.2	27.2	22.3	64.8	17.119	14.8	0.0	0.0	0.0	9.2
3	17.2	26.8	23.0	63.6	17.802	15.7	0.0	2.9	2.9	8.7
4	15.6	25.4	21.1	61.8	15.175	13.2	0.0	0.0	0.0	6.6
5	17.2	26.0	21.5	61.3	15.694	13.7	0.0	0.0	0.0	4.9
6	17.0	26.0	21.5	73.6	18.536	16.2	0.0	0.1	0.1	6.2
7	17.0	24.0	20.9	71.9	17.671	15.6	0.0	0.0	0.0	2.4
8	17.2	27.0	22.2	64.9	17.265	15.2	0.0	0.0	0.0	3.7
9	17.0	25.0	20.0	78.1	18.440	16.1	3.0	0.3	3.3	1.6
10	16.2	26.0	22.2	59.1	15.519	13.5	0.0	0.0	0.0	7.1
11	17.0	26.3	21.5	65.4	16.640	14.6	0.0	1.3	1.3	10.7
12	17.0	26.0	21.0	72.2	17.564	15.4	0.4	0.0	0.4	8.2
13	19.0	26.8	23.0	60.9	16.912	14.8	0.0	0.0	0.0	9.2
14	18.2	26.8	22.5	65.4	17.456	15.4	0.0	0.7	0.7	7.5
15	18.2	27.8	20.8	68.6	17.186	15.1	3.1	0.0	3.1	5.1
16	17.4	26.0	21.3	64.1	16.231	14.2	0.0	0.0	0.0	6.2
17	17.4	26.7	22.1	55.7	14.599	12.5	0.0	0.0	0.0	8.1
18	19.2	27.0	23.1	54.4	14.946	12.8	0.0	0.0	0.0	8.6
19	20.0	26.4	22.4	57.9	15.791	13.8	0.0	0.0	0.0	6.1
20	18.6	26.2	22.3	56.7	15.442	13.4	0.0	0.0	0.0	6.6
21	20.0	27.0	22.9	60.8	16.862	14.8	0.0	0.0	0.0	11.1
22	20.0	28.6	24.2	49.7	14.864	12.9	0.0	0.0	0.0	7.7
23	18.6	27.0	23.9	57.7	17.004	14.9	0.1	0.0	0.1	4.1
24	18.2	28.0	23.3	56.8	16.144	14.1	0.0	1.8	1.8	5.6
25	18.4	27.0	21.9	69.8	17.734	15.6	0.0	0.0	0.0	4.3
26	20.0	26.0	22.3	64.8	17.458	15.4	0.0	2.0	2.0	3.2
27	17.4	26.0	18.2	90.1	18.922	16.6	2.7	9.6	12.3	1.8
28	16.0	26.0	20.7	59.1	14.111	12.0	0.0	0.0	0.0	6.4
29	16.0	26.8	21.5	52.6	13.641	11.5	0.0	0.0	0.0	6.5
30	16.5	27.0	22.6	48.8	13.067	10.9	0.0	0.0	0.0	8.9
31	16.4	25.0	20.0	65.2	15.443	13.5	0.0	0.0	0.0	4.9
PROM.	17.7	26.4	21.8	64.1	16.543	14.4	10.7	18.7	29.4	196.8

M E S – AGOSTO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	24.0	20.1	85.7	20.068	17.5	0.0	1.5	1.5	4.3
2	17.0	26.4	22.8	63.8	16.455	14.3	0.0	0.0	0.0	7.9
3	16.0	26.2	21.5	66.5	16.988	14.9	0.0	0.9	0.9	2.4
4	17.4	25.0	20.4	79.0	18.913	16.6	2.0	0.0	2.0	3.9
5	17.2	25.4	22.3	60.2	16.114	14.0	0.0	0.0	0.0	5.5
6	17.4	27.0	21.3	61.7	15.870	13.8	0.0	0.0	0.0	5.9
7	19.0	26.0	23.3	59.5	16.850	14.8	0.0	0.0	0.0	5.7
8	18.0	26.2	23.0	60.5	16.606	14.4	0.0	0.0	0.0	7.8
9	17.0	26.4	22.4	55.2	14.170	12.0	0.0	0.0	0.0	6.0
10	16.4	26.6	23.0	48.4	13.374	11.2	0.0	0.0	0.0	4.9
11	16.4	28.0	24.2	54.4	15.938	13.9	0.0	0.0	0.0	10.5
12	18.0	27.0	22.6	65.1	17.078	15.0	0.0	5.9	5.9	8.4
13	15.0	26.0	23.1	66.7	18.301	16.0	0.2	1.1	1.3	9.6
14	15.0	24.0	21.2	71.0	18.021	15.7	18.1	0.1	18.2	4.3
15	15.0	28.0	21.8	60.3	20.591	17.9	0.0	2.1	2.1	6.5
16	15.0	26.0	20.0	71.6	16.442	14.4	0.4	0.0	0.4	0.9
17	18.0	27.0	22.7	43.4	11.768	9.3	0.0	0.0	0.0	8.9
18	18.4	28.6	23.9	42.2	12.318	9.9	0.0	0.0	0.0	7.4
19	16.2	27.2	23.3	56.5	15.318	13.3	0.0	0.0	0.0	6.5
20	17.4	27.0	21.5	74.5	19.040	16.7	8.1	0.0	8.1	4.4
21	18.0	26.2	19.8	91.4	21.478	18.6	0.6	0.0	0.6	0.7
22	18.4	28.0	23.4	54.7	15.298	13.3	0.0	0.0	0.0	9.5
23	16.4	28.0	22.8	63.4	17.098	14.6	0.0	0.0	0.0	10.6
24	18.0	28.0	21.6	53.0	13.925	11.9	0.0	0.0	0.0	8.1
25	20.2	28.0	22.0	58.1	15.776	13.8	0.0	0.0	0.0	6.7
26	19.2	28.0	21.7	59.2	15.665	13.6	0.0	0.0	0.0	4.3
27	17.4	26.4	23.1	57.6	16.187	14.2	0.0	0.0	0.0	8.0
28	17.4	27.2	22.5	61.5	16.737	14.6	0.0	0.0	0.0	4.2
29	16.4	27.0	23.3	58.0	16.382	14.3	0.0	0.0	0.0	5.9
30	16.0	28.0	24.5	62.7	19.009	16.4	0.0	0.9	0.9	7.7
31	18.0	27.1	22.1	63.8	16.964	14.3	0.0	0.0	0.0	4.8
PROM.	17.1	26.8	22.3	62.9	16.605	14.4	29.4	12.5	41.9	192.2

ESTACION: LA MONTAÑA MUNICIPIO: DOLORES AÑO: 1.977

ALTITUD: 1.260 LATITUD: 3-33 N. LONGITUD: 74-54 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.6	26.0	21.9	63.1	16.501	14.4	0.0	0.0	0.0	5.6
2	19.0	27.8	23.3	48.5	14.076	12.1	0.0	0.6	0.6	7.5
3	19.3	25.4	21.8	62.9	16.644	14.6	0.0	0.0	0.0	4.1
4	17.6	28.1	21.7	60.5	15.988	14.0	0.1	0.6	0.7	7.7
5	17.6	25.0	21.2	66.5	16.649	14.6	0.0	0.0	0.0	3.3
6	17.6	28.0	22.5	56.5	15.154	13.2	0.0	0.0	0.0	7.0
7	17.6	28.1	23.3	53.4	14.972	13.0	0.0	0.0	0.0	9.5
8	17.0	27.0	23.5	64.3	18.564	16.3	0.0	0.0	0.0	6.7
9	17.6	28.0	22.8	60.1	16.948	14.9	0.0	0.2	0.2	5.9
10	18.6	27.0	22.9	53.8	15.118	13.1	0.4	0.0	0.4	9.8
11	17.0	28.0	22.6	56.1	15.235	13.3	0.0	0.0	0.0	7.1
12	18.0	27.0	22.0	62.1	16.326	14.3	0.0	0.0	0.0	1.6
13	16.4	27.6	22.2	63.2	16.674	14.7	0.0	0.0	0.0	5.4
14	17.0	26.3	21.1	80.6	20.105	17.5	0.0	0.0	0.0	2.1
15	19.0	27.3	22.1	52.9	14.045	12.0	0.0	0.0	0.0	3.7
16	18.6	28.6	22.8	60.5	16.223	14.1	0.0	0.0	0.0	10.3
17	17.0	28.0	22.7	55.4	15.063	13.1	0.0	1.1	1.1	0.0
18	16.4	29.9	23.1	64.6	17.306	15.2	0.0	0.0	0.0	6.1
19	16.6	28.8	22.9	60.9	15.994	13.8	0.0	0.0	0.0	6.6
20	17.6	27.6	21.1	79.4	19.291	16.8	3.1	6.1	9.2	0.5
21	15.6	23.6	19.9	83.2	19.083	16.7	2.7	0.0	2.7	10.2
22	16.6	28.4	23.1	59.1	16.049	14.0	0.0	0.0	0.0	7.4
23	17.2	26.1	22.0	76.6	20.725	18.1	12.7	0.0	12.7	5.1
24	15.0	27.0	21.4	67.9	16.859	14.8	0.0	2.6	2.6	3.3
25	16.4	23.3	21.8	81.0	20.337	17.8	5.6	1.4	7.0	5.1
26	14.0	25.0	19.9	79.8	18.309	16.1	0.4	0.5	0.9	0.8
27	16.0	21.0	18.3	86.3	18.169	15.9	1.8	32.5	34.3	4.0
28	15.0	23.3	18.8	85.7	18.465	16.2	0.0	0.0	0.0	
29	16.4	23.0	19.8	88.3	20.105	17.6	24.3	0.0	24.3	
30	16.6	23.0	19.3	91.3	20.281	17.7	7.1	17.3	24.4	
PROM.	17.1	26.4	21.7	67.5	17.175	15.0	58.2	62.9	121.1	

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	23.3	18.3	90.0	19.238	16.9	4.7	1.0	5.7	
2	16.0	23.1	18.3	87.8	18.604	16.3	4.5	0.0	4.5	
3	16.5	26.6	22.2	75.1	19.179	16.9	0.0	13.9	13.9	
4	16.0	26.3	21.1	73.6	18.155	15.9	0.0	2.5	2.5	7.9
5	15.0	22.0	19.8	76.5	17.733	15.3	21.8	6.9	28.7	
6	15.4	22.0	19.4	80.1	17.609	15.4	3.0	0.0	3.0	1.6
7	15.4	22.0	19.1	86.4	18.868	16.6	2.8	1.0	3.8	4.0
8	14.8	23.0	18.5	84.2	17.880	15.7	0.0	17.6	17.6	3.8
9	16.0	21.8	18.6	92.5	19.603	17.2	0.8	7.6	8.4	1.2
10	16.4	22.6	18.5	92.7	19.553	17.1	13.0	0.0	13.0	1.5
11	16.4	22.0	19.5	81.2	18.096	15.8	5.9	0.4	6.3	1.7
12	16.4	27.0	21.9	61.5	15.593	13.6	0.0	0.0	0.0	7.6
13	16.4	21.3	19.0	79.7	17.360	15.2	0.0	0.0	0.0	2.9
14	16.4	26.1	20.2	74.3	17.488	15.3	0.0	0.0	0.0	3.5
15	16.4	26.0	22.3	73.0	19.156	16.8	0.2	3.6	3.8	6.5
16	17.1	27.4	22.2	64.4	16.346	14.3	0.0	0.0	0.0	9.2
17	17.4	25.0	21.1	75.1	18.741	16.2	0.0	0.0	0.0	5.6
18	17.0	27.4	22.6	63.6	17.368	15.3	0.4	0.0	0.4	
19	19.0	29.0	22.9	61.2	17.724	15.0	0.0	0.0	0.0	
20	17.6	24.0	21.2	63.5	16.273	14.2	0.3	0.0	0.3	
21	17.0	27.0	22.0	56.7	15.111	13.1	0.0	0.0	0.0	
22	17.0	26.3	22.3	63.1	16.883	14.9	0.0	0.0	0.0	
23	17.4	25.2	22.4	66.2	17.532	15.3	0.5	42.9	43.4	
24	14.8	23.1	19.9	85.7	19.757	17.3	1.6	0.0	1.6	
25	17.0	23.6	19.8	92.1	21.118	18.4	9.2	0.0	9.2	
26	17.0	23.6	20.1	85.7	20.009	17.5	0.4	0.0	0.4	
27	17.0	20.1	22.1	68.3	17.395	15.3	0.0	0.0	0.0	
28	17.0	21.0	19.1	84.1	18.630	16.3	2.5	0.0	2.5	0.8
29	15.0	24.4	20.0	89.9	21.108	18.3	0.7	8.5	9.2	6.7
30	16.4	23.3	19.4	90.2	19.968	17.5	3.2	0.0	3.2	3.7
31	17.0	24.8	20.0	88.8	20.736	18.1	1.9	1.5	3.4	4.1
PROM.	16.4	24.4	20.4	77.6	18.351	16.0	77.4	107.4	184.8	

ESTACION: LA MONTAÑA MUNICIPIO: DELGADAS AÑO: 1.977

ALTITUD: 1.260 LATITUD: 3-33 N. LONGITUD: 74-54 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	23.3	19.8	90.0	20.592	18.0	0.0	0.0	0.0	2.8
2	16.0	24.1	20.3	80.3	19.127	16.8	9.9	0.0	9.9	5.9
3	16.0	25.0	20.3	83.5	19.597	17.1	0.1	22.4	22.5	3.8
4	16.0	21.0	17.7	95.3	19.442	17.1	6.4	0.0	6.4	0.2
5	16.0	23.0	19.0	84.3	18.499	16.3	0.0	0.0	0.0	2.4
6	16.4	23.3	19.2	84.8	18.684	16.4	24.4	21.3	45.7	6.0
7	16.0	21.4	18.5	94.6	20.196	17.6	4.4	1.7	6.1	1.9
8	15.0	23.0	19.2	86.6	19.300	16.9	0.0	0.0	0.0	5.6
9	16.0	24.0	19.9	87.2	20.016	17.5	2.1	6.8	8.9	3.8
10	16.4	20.0	17.3	91.2	18.091	15.9	24.1	0.9	25.0	0.0
11	16.0	23.0	18.8	90.0	19.644	17.2	1.0	70.2	71.2	1.7
12	16.4	23.0	19.9	87.8	20.524	17.9	0.0	22.2	22.2	4.8
13	16.0	20.0	17.9	93.1	19.261	16.9	3.9	27.0	30.9	1.0
14	15.4	20.0	17.7	95.8	19.294	16.9	2.4	0.0	2.4	0.5
15	15.4	18.0	16.6	90.6	17.313	15.1	7.0	0.0	7.0	0.1
16	15.4	22.2	18.5	91.9	19.659	17.2	0.0	0.0	0.0	2.8
17	15.4	22.0	18.0	86.2	18.314	15.9	2.7	1.8	4.5	2.8
18	16.4	22.4	19.6	82.9	18.367	16.2	0.0	31.5	31.5	5.9
19	16.4	24.0	19.9	84.0	19.138	16.8	3.6	3.7	7.3	7.2
20	16.5	25.0	19.8	82.6	18.725	16.5	0.0	0.2	0.2	5.1
21	16.6	23.3	20.0	80.8	18.749	16.4	15.0	0.0	15.0	4.3
22	16.8	23.6	20.7	79.9	18.961	16.7	1.4	6.3	7.7	4.5
23	16.8	23.0	19.8	89.9	20.536	17.9	10.8	1.9	12.7	2.6
24	16.6	25.4	20.3	73.8	17.446	15.0	0.0	0.0	0.0	7.2
25	16.8	22.0	19.9	86.7	20.008	17.5	16.9	0.3	17.2	0.9
26	16.4	24.4	20.0	79.5	18.612	16.4	0.0	0.0	0.0	2.7
27	17.0	24.4	20.3	81.2	18.927	16.6	0.0	0.0	0.0	5.2
28	17.0	25.6	20.9	72.6	17.069	14.8	0.0	0.0	0.0	6.1
29	16.0	26.6	21.0	66.8	16.697	14.2	0.0	0.0	0.0	8.5
30	16.0	26.0	20.7	61.6	14.634	12.4	0.0	0.1	0.1	9.5
PROM.	16.2	23.1	19.4	84.5	18.847	16.5	136.1	218.3	354.4	115.8

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	24.4	20.1	76.3	17.888	15.3	0.0	0.0	0.0	7.8
2	16.9	24.1	20.0	85.1	19.401	17.0	1.4	0.5	1.9	3.0
3	17.4	22.8	20.5	82.8	19.656	17.0	1.0	0.0	1.0	3.6
4	17.0	26.3	22.7	64.4	17.510	15.4	0.0	0.0	0.0	9.9
5	16.8	26.4	22.3	59.8	15.976	14.0	0.0	0.0	0.0	8.2
6	17.6	26.0	22.5	59.3	15.718	13.7	0.0	0.0	0.0	5.6
7	17.0	26.3	21.3	68.2	17.515	15.4	0.1	0.2	0.3	3.9
8	15.9	26.4	21.4	75.5	18.645	16.3	0.0	0.0	0.0	6.5
9	16.9	27.0	22.1	59.3	15.215	13.1	0.0	0.0	0.0	9.7
10	17.4	27.4	22.0	55.5	14.661	12.6	0.0	0.0	0.0	7.4
11	16.0	23.4	19.0	83.5	18.625	16.3	0.0	0.0	0.0	7.6
12	16.5	24.0	19.2	81.4	18.406	16.2	0.0	0.0	0.0	9.3
13	16.4	25.4	19.8	87.9	20.317	17.7	0.0	0.0	0.0	6.3
14	16.4	25.0	20.9	88.6	21.704	18.8	0.0	25.1	25.1	4.0
15	16.4	25.4	19.0	83.3	18.342	16.1	0.0	0.2	0.2	4.3
16	16.4	24.0	19.9	86.5	20.338	17.7	0.0	0.0	0.0	3.6
17	16.9	27.0	22.1	80.6	21.104	18.4	0.0	0.0	0.0	6.9
18	16.9	24.0	20.9	88.9	21.616	18.7	0.0	12.0	12.0	5.3
19	15.4	24.0	19.3	87.4	19.473	17.1	0.0	0.9	0.9	5.3
20	16.6	26.0	20.6	74.1	17.551	15.4	0.0	0.0	0.0	7.2
21	16.4	27.0	21.2	63.1	15.220	13.0	0.0	0.0	0.0	8.9
22	16.0	26.1	22.2	65.6	17.235	15.1	0.0	0.0	0.0	5.0
23	18.4	26.1	21.9	69.2	17.734	15.6	0.0	0.0	0.0	5.8
24	18.4	27.4	23.5	56.9	16.359	14.3	0.0	0.9	0.9	8.7
25	16.4	27.8	21.6	69.5	16.826	14.7	0.2	0.0	0.2	4.1
26	16.3	25.6	22.4	77.4	21.339	18.4	0.0	6.3	6.3	5.1
27	18.0	24.4	19.5	91.4	20.895	18.2	35.7	48.5	84.2	1.5
28	16.0	23.0	18.5	88.9	18.727	16.5	1.4	1.2	2.6	2.8
29	17.6	22.0	19.8	86.9	19.831	17.4	0.0	0.0	0.0	2.4
30	16.0	25.0	20.1	85.5	19.962	17.5	0.0	0.0	0.0	7.5
31	17.3	25.4	20.0	70.7	16.412	14.4	0.0	0.0	0.0	7.4
PROM.	16.8	25.3	20.8	75.9	18.394	16.0	39.8	95.8	135.6	184.6

ESTACION: LA MONTAÑA MUNICIPIO DOLORES AÑO: 1.977

ALTITUD: 1.260 LATITUD: 3-33 N. LONGITUD: 74-54 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.2	25.1	20.1	13.0	28.0	71.5	16.507	14.3	54.5	11	212.4
FEBRERO	17.1	25.5	21.5	15.5	28.2	71.4	17.778	15.5	21.9	9	156.6
MARZO	18.4	27.0	22.3	16.0	30.3	67.2	17.654	15.4	54.3	12	148.0
ABRIL	17.1	24.4	20.5	14.8	30.0	83.1	19.832	17.3	202.4	23	108.7
MAYO	16.8	24.5	20.6	15.0	27.1	75.3	18.016	15.7	86.2	13	152.9
JUNIO	16.9	25.0	20.8	14.2	27.8	72.7	17.647	15.4	29.0	15	164.8
JULIO	17.7	26.4	21.8	15.6	28.6	64.1	16.543	14.4	29.4	12	196.8
AGOSTO	17.1	26.8	22.3	15.0	28.6	62.9	16.605	14.4	41.9	11	192.2
SEPTIEMBRE	17.1	26.4	21.7	14.0	29.9	67.5	17.175	15.0	121.1	14	
OCTUBRE	16.4	24.4	20.4	14.8	29.0	77.6	18.351	16.0	184.8	22	
NOVIEMBRE	16.2	23.1	19.4	15.0	26.6	84.5	18.847	16.5	354.4	21	115.8
DICIEMBRE	16.8	25.3	20.8	15.4	27.8	75.9	18.394	16.0	135.6	12	164.8
PROMEDIO	16.9	25.3	21.0	14.9	28.5	72.8	17.779	15.5			
TOTAL									1315.5	175	

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.977

ALTITUD: 1.400 LATITUD: 4-46 N. LONGITUD: 76-13 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.1	23.3	18.7	83.3	17.758	15.6	0.0	0.0	0.0	7.3
2	15.4	24.0	19.1	79.7	17.376	15.2	0.0	0.0	0.0	7.2
3	15.5	25.0	19.3	81.7	18.043	15.9	0.0	0.0	0.0	8.4
4	14.5	28.5	20.5	75.2	17.027	14.6	0.0	0.0	0.0	7.6
5	14.0	29.8	21.6	66.3	16.162	13.9	0.0	0.0	0.0	9.7
6	13.6	27.0	20.3	78.3	17.698	15.5	0.0	0.0	0.0	9.7
7	15.0	25.9	19.8	75.0	16.976	14.8	0.0	0.0	0.0	7.0
8	14.3	27.8	20.4	80.4	18.719	16.4	0.0	0.0	0.0	9.2
9	16.8	26.3	20.2	78.4	18.499	16.3	0.0	0.0	0.0	6.7
10	14.0	24.0	18.9	79.8	17.231	15.2	0.0	0.0	0.0	6.6
11	14.4	26.0	18.6	83.9	17.921	15.8	0.0	0.0	0.0	6.0
12	15.6	26.0	19.8	79.6	17.952	15.8	0.0	0.0	0.0	5.9
13	15.1	27.0	20.3	75.9	17.461	15.4	0.0	0.0	0.0	5.9
14	14.3	25.0	19.1	87.1	19.067	16.7	0.0	0.0	0.0	5.9
15	15.4	27.0	19.7	80.1	18.159	16.0	0.0	1.8	1.8	8.0
16	17.1	25.2	20.6	82.0	19.978	17.5	8.2	0.0	8.2	2.7
17	16.0	24.0	19.0	85.6	19.166	16.8	0.0	0.0	0.0	5.4
18	14.3	25.0	18.7	81.9	17.500	15.4	0.0	0.0	0.0	3.2
19	15.3	25.2	19.8	80.2	18.194	16.0	2.2	3.3	5.5	3.9
20	16.0	27.0	19.8	82.7	18.982	16.7	0.0	1.3	1.3	8.3
21	15.3	28.0	19.7	79.9	18.222	16.0	0.0	0.0	0.0	8.5
22	13.6	27.0	19.2	85.4	18.851	16.5	0.0	0.0	0.0	6.1
23	15.1	24.1	18.4	90.1	19.092	16.8	1.7	5.7	7.4	0.6
24	15.3	23.0	19.0	86.9	19.191	16.8	0.0	1.0	1.0	1.4
25	16.0	24.0	18.8	86.5	18.864	16.6	0.0	16.1	16.1	4.6
26	15.1	24.0	18.9	81.2	17.619	15.5	0.0	2.4	2.4	4.8
27	15.3	25.0	19.7	80.5	18.401	16.2	0.0	0.0	0.0	5.7
28	13.4	25.0	18.8	83.6	17.662	15.5	0.0	0.3	0.3	6.7
29	16.0	23.3	19.0	86.6	19.254	16.9	0.0	0.0	0.0	3.9
30	15.6	23.8	18.8	87.1	18.966	16.6	0.9	0.0	0.9	3.1
31	15.0	24.0	18.4	78.4	16.473	14.5	0.0	0.0	0.0	5.8
PROM.	15.1	25.5	19.4	81.4	18.144	15.9	13.0	31.9	44.9	185.8

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.6	23.6	18.3	89.9	18.824	16.5	0.0	0.0	0.0	3.6
2	15.4	24.6	19.5	81.7	18.647	16.4	0.0	0.0	0.0	4.7
3	15.1	26.0	18.7	85.3	18.673	16.4	0.0	0.0	0.0	8.2
4	14.3	25.0	19.1	80.3	17.140	15.0	0.0	0.0	0.0	3.8
5	13.1	24.6	17.3	81.5	16.458	14.4	0.0	0.0	0.0	7.2
6	13.1	25.3	19.2	81.9	17.810	15.6	0.0	0.0	0.0	8.0
7	15.6	24.0	19.0	83.2	18.247	16.0	0.0	0.0	0.0	0.0
8	14.4	29.2	20.5	76.4	17.955	15.7	0.0	0.0	0.0	9.0
9	15.3	24.6	19.8	81.6	18.402	16.2	0.0	0.0	0.0	2.3
10	16.8	25.5	19.8	80.1	18.236	16.0	0.0	0.0	0.0	5.8
11	16.0	25.0	19.6	80.4	18.197	16.0	0.0	0.1	0.1	3.2
12	15.6	23.0	18.5	89.8	19.076	16.8	0.6	0.0	0.6	0.6
13	16.2	24.3	19.5	83.5	18.699	16.4	0.0	0.0	0.0	4.6
14	16.3	25.2	20.0	82.0	19.083	16.7	0.6	0.0	0.6	6.7
15	14.8	24.4	18.6	85.4	18.050	15.9	0.0	2.0	2.0	6.2
16	16.3	22.6	19.2	91.7	20.344	17.8	1.2	0.1	1.3	6.1
17	15.4	25.0	18.9	86.7	18.970	16.7	5.7	6.4	12.1	1.8
18	15.0	26.0	19.7	76.1	17.012	15.0	0.0	0.0	0.0	7.0
19	16.0	22.6	17.9	90.1	18.972	16.7	1.5	0.0	1.5	0.2
20	13.6	23.6	18.4	82.9	17.203	15.1	0.0	0.0	0.0	5.5
21	14.0	25.0	19.3	79.6	17.323	15.2	0.5	0.0	0.5	4.1
22	15.0	26.6	20.6	75.7	17.913	15.7	0.3	0.0	0.3	7.8
23	13.8	27.5	19.2	81.5	17.716	15.6	0.0	0.0	0.0	6.9
24	14.6	25.0	17.8	89.3	18.125	15.9	1.1	0.0	1.1	4.5
25	15.5	24.6	20.0	77.6	17.705	15.6	0.0	0.0	0.0	5.1
26	16.6	24.0	19.5	82.0	18.429	16.2	0.0	0.0	0.0	5.5
27	14.5	24.1	18.1	86.9	17.650	15.5	2.0	0.0	2.0	3.5
28	13.5	26.1	19.8	78.5	17.631	15.5	0.0	0.0	0.0	6.0
PROM.	15.0	24.9	19.1	82.9	18.160	15.9	13.5	8.6	22.1	137.9

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.977

ALTITUD: 1.400 LATITUD: 4-46 N. LONGITUD: 76-13 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.3	24.0	19.5	78.0	17.423	15.3	0.0	0.0	0.0	1.3
2	15.0	29.4	21.1	71.3	16.605	14.4	0.0	0.0	0.0	7.8
3	15.5	28.0	20.7	77.2	18.366	16.1	0.0	0.0	0.0	4.8
4	15.5	26.0	19.8	83.3	19.036	16.7	2.2	.0	2.2	6.4
5	14.8	26.6	20.4	80.8	18.797	16.5	0.0	0.0	0.0	8.2
6	16.5	27.0	20.4	80.5	18.747	16.4	0.0	0.0	0.0	4.7
7	15.4	31.3	22.0	72.7	17.970	15.7	0.0	0.0	0.0	7.5
8	14.0	28.5	20.9	74.5	17.632	15.5	0.0	0.0	0.0	6.6
9	14.1	30.5	20.6	75.3	17.229	15.0	0.0	0.0	0.0	7.2
10	15.0	30.0	20.6	77.6	18.230	16.0	0.0	0.0	0.0	7.5
11	16.6	26.1	20.6	82.4	19.718	17.3	0.0	0.0	0.0	3.4
12	16.8	26.0	20.1	78.3	18.146	16.0	0.0	0.0	0.0	4.1
13	16.1	25.0	19.1	82.9	18.330	16.1	0.0	0.0	0.0	3.5
14	15.6	25.5	19.5	79.0	17.687	15.5	0.0	0.0	0.0	5.5
15	15.3	25.5	19.6	80.9	18.279	16.0	0.0	1.6	1.6	2.1
16	16.3	27.0	20.7	83.4	19.917	17.3	0.0	0.0	0.0	2.5
17	16.0	26.0	19.9	83.3	19.140	16.8	0.0	0.0	0.0	2.3
18	16.1	28.0	21.0	75.6	18.512	16.3	0.1	0.4	0.5	4.4
19	14.8	24.3	19.2	87.4	19.353	17.0	2.2	0.0	2.2	1.7
20	15.5	25.8	20.4	82.2	19.331	17.0	0.0	0.0	0.0	5.5
21	16.0	27.0	20.8	77.3	18.561	16.3	0.0	0.0	0.0	6.1
22	17.0	24.0	19.4	81.8	18.453	16.2	0.0	0.0	0.0	0.2
23	16.0	25.0	19.9	78.7	18.115	15.9	0.3	0.0	0.3	1.8
24	15.8	26.0	19.7	79.9	18.052	15.9	0.0	0.0	0.0	3.8
25	16.0	22.8	19.4	87.0	19.534	17.1	0.4	0.0	0.4	2.3
26	15.2	28.0	20.8	79.9	19.252	16.9	0.0	0.0	0.0	7.1
27	15.0	25.0	19.8	82.9	18.912	16.6	0.0	0.0	0.0	3.1
28	15.8	21.0	18.1	91.9	19.198	16.9	16.5	0.8	17.3	0.0
29	15.0	25.0	19.5	81.4	18.126	15.9	0.0	9.3	9.3	5.7
30	15.6	24.0	18.6	85.5	18.043	15.9	6.9	0.4	7.3	0.3
31	15.0	22.6	18.3	84.0	17.529	15.4	0.7	0.0	0.7	1.9
PROM.	15.6	26.2	20.0	80.5	18.459	16.2	29.3	12.5	41.8	129.7

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.6	23.6	18.2	80.9	16.735	14.7	0.4	1.1	1.5	3.7
2	14.6	24.4	18.8	83.2	17.773	15.6	0.0	0.0	0.0	3.0
3	14.0	23.8	18.6	80.2	17.389	15.3	0.0	0.0	0.0	3.0
4	15.0	21.9	18.5	82.4	17.427	15.4	2.2	0.0	2.2	1.1
5	13.6	26.2	19.3	74.4	16.379	14.3	0.1	0.0	0.1	7.5
6	12.6	26.3	19.8	75.2	16.796	14.7	0.0	0.0	0.0	7.6
7	15.7	26.6	19.8	81.9	18.579	16.3	0.6	0.0	0.6	6.1
8	16.0	24.0	19.0	82.6	18.195	16.0	0.6	0.0	0.6	0.5
9	14.3	26.0	20.1	79.6	18.117	15.9	0.0	0.0	0.0	6.7
10	16.0	26.2	20.4	82.0	19.502	17.1	0.0	0.0	0.0	8.4
11	17.0	25.6	19.8	88.7	20.528	17.9	0.0	0.1	0.1	4.5
12	17.0	26.2	20.8	78.8	19.039	16.7	0.5	0.0	0.5	3.3
13	15.5	27.1	20.8	82.2	19.846	17.4	0.0	0.0	0.0	2.2
14	17.0	25.6	19.9	83.6	19.342	17.0	0.1	0.0	0.1	1.5
15	17.0	26.6	20.3	82.5	19.561	17.2	0.0	0.0	0.0	8.0
16	15.0	24.1	19.9	83.1	19.070	16.8	0.0	0.0	0.0	1.1
17	16.8	25.0	19.3	84.1	18.659	16.4	3.4	0.0	3.4	0.6
18	15.0	26.2	20.0	79.9	18.217	16.0	0.0	0.0	0.0	8.1
19	15.8	25.8	20.2	83.0	19.464	17.1	0.0	0.0	0.0	5.2
20	15.1	26.2	20.0	85.3	19.726	17.3	0.0	9.0	9.0	4.4
21	16.3	20.0	18.1	92.4	19.158	16.8	1.8	5.3	7.1	0.0
22	15.7	23.0	18.9	85.2	18.569	16.3	0.0	24.2	24.2	5.5
23	15.1	19.0	16.5	89.9	16.933	14.9	5.6	0.9	6.5	0.0
24	14.8	24.0	18.7	82.1	17.396	15.3	1.5	0.1	1.6	1.1
25	14.6	25.3	19.8	81.3	18.505	16.3	0.0	0.9	0.9	6.2
26	16.0	25.2	19.3	81.2	17.997	15.9	0.0	7.8	7.8	3.5
27	15.6	22.4	18.2	88.6	18.569	16.3	3.9	5.4	9.3	1.9
28	15.0	25.0	18.7	85.3	18.402	16.2	0.1	0.0	0.1	2.2
29	14.6	22.0	17.5	89.6	17.974	15.8	0.7	0.0	0.7	1.9
30	13.0	23.3	18.1	83.2	16.953	14.9	0.2	0.0	0.2	4.2
PROM.	15.3	24.6	19.2	83.1	18.360	16.1	21.7	54.8	76.5	113.0

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.977

ALTITUD: 1.400 LATITUD: 4-46 N. LONGITUD: 76-13 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.6	23.4	18.3	83.3	17.310	15.2	0.9	2.5	3.4	7.0
2	15.0	24.0	19.3	85.0	18.897	16.6	0.0	0.0	0.0	5.0
3	15.6	26.0	19.9	89.5	20.820	18.1	0.0	3.6	3.6	5.7
4	16.0	23.6	19.3	78.6	17.496	15.4	0.4	5.6	6.0	4.2
5	15.4	22.3	18.1	87.4	18.116	15.9	2.1	0.0	2.1	1.3
6	15.1	26.0	20.1	82.7	18.899	16.6	0.0	0.0	0.0	6.9
7	15.5	23.6	19.2	86.3	18.969	16.7	0.0	0.2	0.2	5.4
8	16.0	25.0	19.9	83.2	19.220	16.9	0.3	0.0	0.3	8.5
9	16.2	26.1	20.3	82.3	19.346	16.9	0.0	0.0	0.0	2.0
10	17.0	24.2	18.7	91.9	19.792	17.3	5.9	0.0	5.9	3.3
11	16.1	23.0	19.6	84.9	19.358	17.0	0.0	9.3	9.3	4.4
12	16.4	26.0	20.5	84.0	19.986	17.5	0.0	0.0	0.0	8.4
13	16.8	24.3	19.8	85.0	19.662	17.2	0.0	0.0	0.0	1.2
14	16.1	22.0	17.8	86.2	17.638	15.5	2.3	1.6	3.9	7.4
15	15.6	24.0	19.3	86.2	19.597	17.2	1.0	0.0	1.0	0.5
16	15.5	25.5	20.2	79.5	18.816	16.5	0.0	0.0	0.0	4.4
17	15.0	25.0	19.5	88.3	19.975	17.4	0.0	0.5	0.5	7.2
18	16.0	26.1	20.2	81.7	19.160	16.8	0.7	10.3	11.0	5.5
19	15.5	25.6	20.5	84.6	20.260	17.7	0.0	3.8	3.8	8.3
20	16.4	24.3	19.9	80.7	18.301	16.0	0.0	0.0	0.0	0.1
21	16.2	23.6	19.5	84.1	18.843	16.5	0.0	0.1	0.1	2.0
22	15.0	23.3	19.5	81.9	18.409	16.2	0.0	0.0	0.0	1.7
23	15.8	22.2	18.6	86.2	18.650	16.4	3.7	0.7	4.4	0.1
24	15.0	24.7	19.1	77.6	16.929	14.8	0.0	0.0	0.0	4.3
25	15.0	23.0	18.6	90.6	19.340	17.0	2.9	3.2	6.1	2.6
26	15.0	23.3	18.8	86.2	18.736	16.5	9.5	0.0	9.5	5.8
27	15.1	23.3	18.3	85.3	17.987	15.8	3.9	0.1	4.0	3.9
28	14.3	24.0	18.4	85.8	18.127	15.9	2.8	1.1	3.9	2.3
29	13.6	26.0	19.7	82.1	18.355	16.1	0.0	0.0	0.0	2.8
30	16.2	27.3	21.0	75.0	18.070	15.9	0.0	0.9	0.9	7.3
31	16.3	23.8	18.8	86.9	18.855	16.6	0.0	0.0	0.0	1.6
PROM.	15.6	24.3	19.4	84.3	18.836	16.5	36.4	43.5	79.9	131.1

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.8	23.3	18.1	83.7	17.408	15.3	2.5	0.3	2.8	6.1
2	14.0	24.4	18.5	82.4	17.177	15.1	0.3	0.0	0.3	3.2
3	15.0	26.0	19.3	78.7	17.133	15.0	12.3	0.0	12.3	5.6
4	14.6	24.6	18.7	87.4	18.711	16.4	0.5	0.0	0.5	3.3
5	15.8	25.0	20.4	87.1	20.788	18.1	2.8	0.0	2.8	2.5
6	14.8	25.0	19.4	83.8	18.579	16.3	0.0	10.9	10.9	4.2
7	15.0	24.8	18.3	85.5	18.079	15.9	0.2	0.7	0.9	1.5
8	14.6	25.5	19.3	79.3	17.472	15.3	13.1	0.0	13.1	6.5
9	15.0	23.5	18.6	82.4	17.603	15.5	1.6	0.0	1.6	6.4
10	14.6	24.0	17.6	96.3	19.359	16.9	22.3	0.7	23.0	1.3
11	13.0	24.0	18.4	78.7	16.605	14.6	0.2	2.8	3.0	7.8
12	14.8	22.0	18.4	83.0	17.365	15.2	0.0	0.0	0.0	2.5
13	15.0	23.0	17.6	86.2	17.481	15.4	3.4	0.0	3.4	1.5
14	14.6	23.6	18.7	81.7	17.268	15.2	0.0	0.0	0.0	5.5
15	14.6	26.6	20.0	78.7	18.015	15.8	0.0	0.0	0.0	7.0
16	14.8	24.6	19.5	83.7	18.577	16.3	0.0	0.2	0.2	5.4
17	14.2	27.3	19.8	80.6	18.422	16.2	0.0	11.9	11.9	5.6
18	13.8	25.0	19.3	83.2	18.340	16.1	0.0	0.0	0.0	7.6
19	14.6	24.6	18.7	85.1	17.976	15.8	0.0	0.0	0.0	5.8
20	15.4	24.6	18.2	82.9	17.275	15.2	0.0	0.0	0.0	5.8
21	14.6	27.0	19.8	77.2	17.435	15.3	0.6	0.0	0.6	4.1
22	15.1	27.3	20.4	72.7	16.521	14.3	0.0	0.0	0.0	9.0
23	14.5	26.3	20.0	77.5	17.934	15.8	0.0	0.0	0.0	7.4
24	15.5	25.7	20.0	79.2	18.243	16.0	0.0	0.0	0.0	3.8
25	16.0	26.8	20.0	77.8	18.036	15.9	0.0	1.6	1.6	5.6
26	14.5	26.0	19.4	80.8	18.270	16.1	0.0	0.0	0.0	6.2
27	14.5	27.0	19.9	74.3	16.773	14.7	0.0	0.0	0.0	9.1
28	15.5	25.0	19.1	78.5	17.352	15.3	0.2	11.2	11.4	3.9
29	14.7	25.0	17.2	89.5	17.731	15.9	7.4	0.0	7.4	4.6
30	14.5	22.5	17.5	86.3	17.332	15.3	16.8	3.7	20.5	3.0
PROM.	14.7	25.0	19.0	82.1	17.842	15.7	84.2	44.0	128.2	151.8

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.977

ALTITUD: 1.400 LATITUD: 4-46 N. LONGITUD: 76-13 W.

M E S – JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	26.0	19.3	79.2	17.034	14.8	2.8	6.4	9.2	7.1
2	16.0	24.9	19.5	85.7	19.212	16.9	0.0	1.6	1.6	3.6
3	14.8	26.7	19.7	82.5	18.703	16.4	0.0	0.5	0.5	7.2
4	15.4	27.0	20.1	81.7	18.784	16.4	1.9	10.0	11.9	8.2
5	15.6	24.0	18.1	88.5	18.439	16.2	16.7	4.8	21.5	4.6
6	15.3	24.8	18.4	87.0	18.356	16.1	0.0	1.4	1.4	5.5
7	14.8	24.2	18.6	82.4	17.331	15.2	0.0	0.0	0.0	3.3
8	15.0	24.8	19.6	80.2	17.975	15.8	0.0	0.0	0.0	7.8
9	15.6	23.3	18.8	86.0	18.581	16.3	0.0	0.0	0.0	3.7
10	14.7	27.0	19.7	73.8	16.177	13.9	0.0	0.0	0.0	9.9
11	13.0	28.8	20.2	68.0	14.646	12.2	0.0	0.0	0.0	2.5
12	14.7	27.1	19.3	77.9	16.930	14.8	0.0	0.0	0.0	2.0
13	13.7	28.3	19.2	69.8	14.737	12.0	0.0	0.0	0.0	9.2
14	15.4	26.5	19.3	79.8	17.430	15.3	0.0	1.2	1.2	6.7
15	15.4	26.2	20.1	78.0	18.213	16.0	0.0	0.9	0.9	2.7
16	15.6	25.3	19.8	78.7	18.034	15.9	0.0	0.0	0.0	6.6
17	15.4	27.0	19.2	83.1	18.893	16.6	0.0	0.0	0.0	8.9
18	14.0	28.1	20.5	77.3	17.775	15.5	0.0	0.0	0.0	8.3
19	14.1	25.0	18.9	78.7	17.120	15.0	0.0	0.0	0.0	1.3
20	13.8	26.0	18.6	87.5	18.544	16.3	0.3	0.0	0.3	9.5
21	13.6	28.5	20.3	74.5	16.894	14.6	0.0	0.0	0.0	8.6
22	14.7	27.8	20.4	75.8	17.202	15.0	0.0	0.0	0.0	8.3
23	14.8	26.0	20.3	80.2	18.756	16.4	0.0	0.0	0.0	6.1
24	15.6	26.8	19.9	76.5	17.351	15.2	0.0	0.0	0.0	9.2
25	15.3	25.0	18.8	84.3	17.982	15.8	0.0	0.0	0.0	2.3
26	15.4	23.0	17.9	85.8	17.689	15.6	3.8	1.5	5.3	1.6
27	15.0	24.8	18.2	83.1	17.123	14.9	11.6	0.0	11.6	4.2
28	13.8	29.0	20.4	71.7	15.999	13.7	0.0	0.0	0.0	8.9
29	13.8	28.2	20.4	73.4	16.595	14.4	0.0	0.0	0.0	10.0
30	14.6	25.7	19.6	81.4	18.387	16.2	0.0	4.0	4.0	7.6
31	15.6	23.8	17.7	87.6	17.753	15.6	1.5	0.8	2.3	3.1
PROM.	14.8	26.1	19.4	80.0	17.569	15.3	38.6	33.1	71.7	188.5

M E S – AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	26.1	20.0	76.0	17.434	15.3	0.0	0.0	0.0	5.5
2	13.6	29.5	20.8	71.3	16.067	13.8	0.0	0.0	0.0	9.7
3	14.6	25.0	19.2	80.5	17.590	15.5	0.0	0.0	0.0	5.2
4	14.6	24.4	18.8	82.3	17.636	15.5	0.0	0.0	0.0	6.6
5	14.5	24.0	18.6	82.3	17.487	15.4	1.4	0.0	1.4	5.0
6	14.2	24.0	18.3	84.2	17.415	15.3	3.2	6.1	9.3	6.0
7	14.6	23.8	19.0	86.2	18.732	16.4	1.3	11.0	12.3	4.7
8	14.2	24.8	18.9	80.3	17.392	15.3	5.6	2.9	8.5	3.9
9	13.6	25.0	18.7	86.0	18.266	16.0	13.9	0.0	13.9	2.7
10	13.6	27.3	19.8	71.9	15.789	13.7	0.0	0.0	0.0	4.0
11	14.8	25.2	19.3	80.8	17.631	15.5	0.0	0.0	0.0	7.3
12	14.8	25.0	19.2	80.6	17.765	15.6	0.1	11.6	11.7	5.7
13	13.8	25.2	20.0	71.0	16.001	13.9	0.0	7.2	7.2	9.0
14	15.8	25.4	18.8	74.1	15.826	13.7	12.3	0.1	12.4	4.0
15	14.8	25.0	19.5	78.4	17.757	15.6	0.1	7.9	8.0	3.2
16	14.4	26.8	19.8	74.0	16.379	14.3	0.4	0.0	0.4	3.0
17	15.8	25.2	19.3	76.4	16.951	14.9	0.0	0.0	0.0	6.3
18	14.5	25.0	19.5	76.8	17.039	15.0	0.0	0.0	0.0	5.0
19	13.5	26.0	20.1	76.6	17.565	15.4	0.0	5.2	5.2	5.5
20	14.4	23.0	18.3	80.5	16.711	14.7	0.4	2.9	3.3	1.3
21	14.8	26.0	19.3	73.5	16.380	14.3	0.2	0.0	0.2	2.6
22	14.5	26.5	20.9	68.7	16.838	14.7	0.0	0.0	0.0	8.7
23	14.4	28.8	21.0	68.6	15.949	13.9	0.0	0.0	0.0	10.0
24	14.9	26.0	20.0	79.2	18.103	15.9	2.7	0.0	2.7	7.3
25	14.8	26.5	20.2	72.8	16.572	14.4	0.0	0.0	0.0	8.4
26	14.5	25.2	20.7	74.1	17.827	15.6	0.0	0.4	0.4	5.8
27	15.5	25.1	19.7	82.8	18.811	16.5	0.0	0.0	0.0	2.6
28	14.5	29.0	20.8	67.4	15.555	13.3	0.0	0.0	0.0	8.0
29	12.2	29.0	20.8	73.7	16.955	14.8	0.0	0.0	0.0	8.1
30	13.5	26.0	19.7	75.1	17.151	15.1	0.0	0.1	0.1	3.3
31	15.8	25.2	19.5	76.9	17.187	15.1	0.7	0.0	0.7	1.5
PROM.	14.5	25.8	19.6	76.9	17.121	15.0	42.3	55.4	97.7	169.9

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.977

ALTITUD: 1.400 LATITUD: 4-46 N. LONGITUD: 76-13 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.6	29.0	20.1	72.9	16.394	14.3	0.1	0.0	0.1	8.4
2	13.6	28.0	20.8	71.0	16.441	14.3	0.0	0.0	0.0	9.5
3	13.0	26.2	19.8	79.6	17.904	15.7	0.0	0.0	0.0	4.8
4	15.9	25.2	19.5	81.2	18.203	16.0	0.0	0.0	0.0	6.0
5	16.8	26.2	20.5	74.2	17.701	15.5	0.0	0.0	0.0	3.8
6	14.4	30.0	20.9	69.4	15.724	13.4	0.1	0.0	0.1	7.8
7	13.1	30.0	20.8	65.1	14.398	11.9	0.0	0.0	0.0	10.1
8	14.4	26.2	20.5	73.8	17.259	15.1	0.0	0.0	0.0	0.3
9	14.8	26.0	20.1	78.4	18.207	16.0	0.0	0.0	0.0	4.1
10	15.5	27.0	20.5	72.8	17.005	15.0	0.0	0.0	0.0	0.5
11	15.6	26.8	19.8	78.1	17.952	15.8	0.0	0.0	0.0	7.3
12	15.0	24.0	18.3	83.3	17.875	15.7	18.9	0.2	19.1	0.1
13	15.6	26.0	18.5	81.5	17.288	15.2	1.3	3.6	4.9	2.9
14	14.8	21.0	18.5	77.3	16.194	14.2	10.8	0.0	10.8	0.0
15	13.8	25.0	18.4	76.3	16.064	14.1	0.0	0.0	0.0	7.0
16	14.1	25.4	19.6	77.4	17.091	15.0	0.0	0.0	0.0	7.4
17	15.6	26.2	19.7	78.8	17.845	15.7	0.0	0.6	0.6	5.3
18	14.0	25.2	19.3	77.1	16.814	14.8	0.1	0.0	0.1	7.2
19	14.8	28.3	20.6	75.0	17.660	15.5	0.0	0.0	0.0	4.5
20	14.8	24.7	19.3	76.5	16.929	14.8	0.2	0.0	0.2	3.9
21	14.9	24.0	18.6	82.7	17.608	15.5	10.3	5.5	15.8	0.4
22	13.8	25.2	18.7	77.3	16.115	14.1	4.1	0.0	4.1	2.0
23	13.8	26.3	19.5	78.4	17.382	15.3	0.0	9.6	9.6	4.4
24	14.4	24.2	18.2	83.3	17.603	15.4	4.6	0.0	4.6	2.3
25	13.3	22.0	17.9	81.7	16.508	14.5	0.0	15.1	15.1	2.0
26	14.6	22.3	18.4	79.5	16.582	14.6	2.0	4.9	6.9	0.1
27	14.8	20.2	16.7	92.3	17.779	15.7	32.3	3.3	35.6	0.1
28	13.5	24.0	18.0	81.0	16.555	14.5	11.7	4.1	15.8	0.7
29	14.3	22.2	17.1	93.7	18.214	16.0	21.9	0.0	21.9	0.0
30	14.3	25.0	18.1	78.4	16.206	14.2	2.4	0.2	2.6	2.5
PROM.	14.5	25.4	19.2	78.3	17.050	14.9	120.8	47.1	167.9	115.4

M E S - OCTUBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	24.5	18.5	80.2	17.135	15.1	4.6	5.2	9.8	1.7
2	14.7	26.0	19.6	79.6	17.999	15.8	1.1	1.0	2.1	5.2
3	15.6	26.0	19.4	81.3	18.047	15.9	14.3	2.4	16.7	6.2
4	14.0	25.0	19.3	77.6	17.291	15.2	4.3	5.3	9.6	4.2
5	14.8	24.6	18.9	75.6	16.522	14.5	0.2	0.0	0.2	3.7
6	14.9	25.0	18.6	85.3	18.324	16.1	1.0	0.0	1.0	1.9
7	15.5	21.0	17.6	81.6	16.382	14.3	13.4	0.0	13.4	0.4
8	14.0	26.0	18.7	79.1	17.043	14.9	5.7	14.5	20.2	5.6
9	14.2	24.2	19.4	79.4	17.450	15.4	1.8	28.7	30.5	1.7
10	14.6	23.2	18.4	83.1	17.321	15.2	1.4	0.0	1.4	0.6
11	14.6	24.5	18.6	80.2	17.079	15.0	1.3	5.3	6.6	1.2
12	15.2	24.5	19.1	76.6	16.818	14.8	0.8	0.0	0.8	2.9
13	14.2	23.8	18.1	85.4	17.905	15.7	3.2	1.2	4.4	1.3
14	13.8	25.2	19.5	76.5	17.011	14.9	0.0	3.6	3.6	6.3
15	14.2	25.2	19.5	78.2	17.569	15.5	3.3	0.0	3.3	2.5
16	15.0	25.2	19.7	81.0	18.458	16.2	0.0	0.0	0.0	2.2
17	14.5	25.0	18.2	92.6	19.501	17.0	21.7	0.0	21.7	1.7
18	14.0	25.0	19.2	80.8	17.968	15.8	0.0	0.0	0.0	3.9
19	14.6	26.2	20.3	80.3	18.758	16.5	0.0	9.8	9.8	2.9
20	14.2	27.0	20.5	75.2	17.818	15.6	0.0	0.0	0.0	8.0
21	15.6	28.0	20.9	76.4	18.503	16.2	0.0	18.7	18.7	6.5
22	16.0	24.4	19.6	78.3	17.824	15.7	0.0	3.2	3.2	0.9
23	14.6	23.6	19.2	84.2	18.943	16.6	5.5	0.0	5.5	2.4
24	14.8	23.7	19.2	83.2	18.495	16.3	16.1	3.6	19.7	2.1
25	14.6	23.6	19.1	80.2	17.594	15.5	4.9	10.9	15.8	2.6
26	15.6	19.8	17.8	87.7	17.742	15.6	1.2	0.0	1.2	0.0
27	13.8	24.0	18.6	84.7	17.893	15.7	0.0	0.0	0.0	1.4
28	14.8	23.2	17.7	89.5	18.285	16.1	9.2	6.3	15.5	1.7
29	13.2	25.0	18.3	74.4	15.218	13.2	1.2	0.0	1.2	5.0
30	14.5	21.3	18.2	87.9	18.443	16.2	35.4	0.0	35.4	1.0
31	13.2	25.0	18.8	75.1	15.969	14.0	0.0	0.0	0.0	7.0
PROM.	14.6	24.5	19.0	81.0	17.655	15.5	151.6	119.7	271.3	94.7

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.977

ALTITUD: 1.400 LATITUD: 4-46 N. LONGITUD: 76-13 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	23.6	19.1	82.4	18.036	15.9	0.0	0.0	0.0	2.6
2	14.6	23.2	18.1	89.0	18.307	16.1	3.9	0.0	3.9	2.4
3	14.9	24.8	19.5	79.6	17.992	15.8	0.0	2.8	2.8	2.1
4	15.8	25.0	18.1	83.7	17.496	15.4	5.1	2.0	7.1	0.8
5	13.6	24.0	18.8	81.2	17.491	15.3	0.0	0.0	0.0	5.8
6	15.5	24.0	17.9	86.7	17.706	15.6	0.0	0.0	0.0	1.6
7	14.5	24.0	17.2	89.4	17.538	15.4	0.0	0.0	0.0	1.7
8	14.2	24.6	20.1	66.8	15.932	13.9	0.0	8.1	8.1	4.3
9	15.6	24.0	19.0	81.0	17.602	15.5	14.0	14.0	28.0	2.4
10	14.6	22.0	18.5	83.5	17.647	15.5	6.2	0.0	6.2	0.0
11	13.7	24.0	17.4	83.8	16.527	14.5	0.0	0.1	0.1	2.7
12	14.6	20.0	17.6	83.0	16.787	14.7	4.9	0.2	5.1	0.2
13	14.2	19.6	17.2	87.5	17.270	15.2	2.4	0.1	2.5	0.0
14	14.3	25.0	18.1	84.4	17.519	15.4	6.8	0.0	6.8	5.6
15	12.8	25.6	18.6	76.0	15.887	13.9	0.0	0.0	0.0	7.9
16	12.9	23.1	18.0	83.7	17.028	14.9	0.0	0.0	0.0	5.2
17	13.8	23.5	18.5	81.9	17.062	15.0	0.0	0.3	0.3	1.9
18	14.2	22.2	17.4	86.8	17.135	15.1	19.5	0.0	19.5	1.4
19	12.6	24.4	17.9	82.0	16.710	14.7	0.0	8.0	8.0	4.9
20	14.2	24.0	18.1	81.7	16.910	14.9	0.0	2.3	2.3	5.2
21	14.6	24.0	18.6	80.9	17.093	15.0	0.0	0.0	0.0	6.4
22	14.8	23.7	19.6	77.7	17.637	15.5	0.0	0.0	0.0	3.5
23	15.6	24.3	19.3	80.8	18.091	15.9	0.0	0.0	0.0	1.8
24	16.0	25.0	19.6	78.9	17.855	15.7	0.0	0.0	0.0	3.0
25	15.2	25.0	19.7	78.5	17.902	15.8	0.1	3.8	3.9	1.6
26	15.2	24.0	18.5	80.2	17.047	15.0	4.4	3.1	7.5	0.3
27	15.2	25.0	19.0	80.3	17.730	15.6	0.0	0.0	0.0	3.3
28	15.8	24.3	19.3	83.2	18.530	16.3	0.0	0.0	0.0	3.0
29	14.8	25.6	20.3	75.6	17.638	15.4	0.0	0.0	0.0	5.6
30	15.0	25.8	19.5	77.5	17.301	15.2	0.0	0.0	0.0	2.9
PROM.	14.6	23.9	18.6	81.6	17.380	15.3	67.3	44.8	112.1	90.1

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	23.3	19.1	79.8	17.591	15.5	0.0	0.0	0.0	4.2
2	14.0	24.0	19.0	76.8	16.671	14.5	0.0	2.4	2.4	6.2
3	15.6	24.0	19.3	85.4	19.170	16.8	0.0	0.0	0.0	3.3
4	16.0	25.0	19.8	83.9	19.448	17.1	0.0	0.6	0.6	2.8
5	15.4	25.2	19.5	82.4	18.446	16.2	0.0	1.8	1.8	4.7
6	16.5	25.6	19.2	80.6	17.856	15.7	8.0	3.2	11.2	1.1
7	14.5	25.2	18.9	80.4	17.185	15.0	0.0	0.0	0.0	0.6
8	14.5	26.2	20.3	73.8	17.669	15.5	0.0	0.0	0.0	4.3
9	14.9	25.0	19.8	78.1	18.040	15.9	0.1	12.3	12.4	3.1
10	14.8	25.0	17.1	84.8	17.086	15.0	1.4	0.0	1.4	2.5
11	12.6	25.0	18.5	81.9	17.163	15.1	0.0	0.0	0.0	1.6
12	14.6	25.6	18.2	80.1	16.689	14.7	0.0	0.0	0.0	4.1
13	16.3	26.2	19.0	81.7	17.788	15.6	10.4	0.0	10.4	1.8
14	15.3	26.3	19.9	79.0	18.388	16.2	0.0	0.0	0.0	5.6
15	17.3	25.6	20.4	77.3	18.427	16.2	0.0	0.4	0.4	4.4
16	16.6	23.2	18.6	85.6	18.663	16.4	0.1	0.1	0.2	0.4
17	17.4	26.2	20.4	78.9	18.858	16.6	0.0	0.0	0.0	4.3
18	16.8	25.6	20.0	75.5	17.339	15.2	0.0	0.0	0.0	3.4
19	17.0	23.5	19.1	79.6	17.568	15.4	0.0	3.7	3.7	0.3
20	15.8	27.4	19.3	85.8	18.915	16.6	0.0	0.0	0.0	1.8
21	15.6	25.6	20.1	79.5	18.762	16.5	0.0	0.0	0.0	5.1
22	15.5	24.9	20.6	75.5	17.040	14.9	0.0	1.5	1.5	4.6
23	16.8	26.6	22.6	68.8	16.660	14.5	0.1	0.0	0.1	7.8
24	16.6	26.2	22.0	74.0	18.975	16.6	0.0	0.0	0.0	1.6
25	17.1	24.1	20.5	79.2	18.717	16.4	0.0	0.0	0.0	0.0
26	16.4	24.5	20.8	75.5	18.015	15.8	0.0	0.0	0.0	0.0
27	16.5	25.9	19.9	77.2	17.653	15.5	0.0	13.1	13.1	0.6
28	15.5	25.1	19.9	81.1	18.650	16.4	0.1	2.0	2.1	2.8
29	16.0	22.0	18.7	86.8	19.003	16.7	4.1	5.5	9.6	0.0
30	15.4	24.8	19.3	77.6	17.017	14.9	0.0	0.0	0.0	6.7
31	14.8	24.7	19.4	78.4	17.341	15.2	0.0	0.7	0.7	1.0
PROM.	15.7	25.1	19.7	79.4	17.967	15.8	24.3	47.3	71.6	90.1

ESTACION: SUBESTACION ALBAN MUNICIPIO EL CAIRO AÑO: 1.977

ALTITUD: 1.400 LATITUD: 4-46 N. LONGITUD: 76-13 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.1	25.5	19.4	13.4	29.8	81.4	18.144	15.9	44.9	10	185.8
FEBRERO	15.0	24.9	19.1	13.1	2 .2	82.9	18.160	15.9	22.1	11	137.9
MARZO	15.6	26.2	20.0	14.0	31.3	80.5	18.459	16.2	41.8	10	129.7
ABRIL	15.3	24.6	19.2	12.	27.1	3.1	18.360	16.1	76.5	20	113.0
MAYO	15.6	24.3	19.4	13.6	27.3	84.3	18.836	16.5	79.9	20	131.1
JUNIO	14.7	25.0	19.0	13.0	27.3	82.1	17.842	15.7	128.2	19	151.8
JULIO	14.8	2 .1	19.4	13.0	29.0	80.0	17.569	15.3	71.7	13	188.5
AGOSTO	14.5	25.8	19.6	12.2	29.5	76.9	17.121	15.0	97.7	17	169.9
SEPTIEMBRE	14.5	25.4	19.2	13.0	30.0	78.3	17.050	14.9	167.9	18	115.4
OCTUBRE	14.6	24.5	19.0	13.2	28.0	81.0	17.655	15.5	271.3	26	94.7
NOVIEMBRE	14.6	23.9	18.6	12.6	25.8	81.6	17.360	15.3	112.1	16	90.1
DICIEMBRE	15.7	25.1	19.7	12.6	28.6	79.4	17.967	15.8	71.6	16	90.1
PROMEDIO	15.0	25.1	19.3	13.0	28.6	81.0	17.879	15.7			
TOTAL									1185.7	196	1598.0

ESTACION: ARTURO GOMEZ MUNICIPIO: ALCALA AÑO: 1.977

ALTITUD: 1.320 LATITUD: 4-40 N. LONGITUD: 75-48 W.

M E S – ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	30.0	23.4	75.0	20.717	18.0	0.6	0.0	0.6	4.6
2	16.8	30.3	22.9	72.7	19.436	17.0	0.0	0.0	0.0	6.4
3	17.3	29.5	22.5	72.8	19.080	16.7	0.0	0.0	0.0	9.1
4	16.0	30.0	21.6	73.7	18.830	16.6	0.0	0.0	0.0	9.7
5	15.5	30.5	22.7	65.2	17.431	15.3	0.0	0.0	0.0	9.6
6	14.5	30.0	21.5	71.0	17.638	15.5	0.0	0.0	0.0	10.0
7	15.0	29.5	21.3	73.9	18.718	16.4	0.0	0.0	0.0	8.6
8	15.5	31.0	22.1	66.1	17.035	14.9	0.0	0.0	0.0	10.0
9	15.0	29.5	21.7	69.1	17.651	15.5	0.0	0.0	0.0	8.8
10	15.5	28.5	22.5	63.9	16.524	14.5	0.0	0.0	0.0	7.4
11	15.5	29.5	21.3	68.3	16.554	14.4	0.0	0.0	0.0	8.5
12	15.3	30.8	22.7	64.4	16.461	14.3	0.0	0.0	0.0	9.2
13	15.3	29.9	22.4	66.3	16.754	14.6	0.0	0.0	0.0	7.6
14	15.5	30.4	22.3	69.0	17.460	15.4	0.0	0.0	0.0	9.0
15	16.8	31.3	23.4	66.8	18.230	16.0	0.0	0.0	0.0	7.8
16	18.0	31.8	23.5	69.5	19.552	17.1	0.0	0.0	0.0	7.3
17	16.8	31.6	23.3	73.9	19.865	17.1	6.2	0.0	6.2	7.7
18	17.4	28.0	20.1	79.4	18.523	16.2	0.0	0.0	0.0	4.4
19	16.0	29.8	20.4	76.1	17.987	15.8	10.5	4.4	14.9	6.1
20	16.5	31.6	21.9	66.2	16.881	14.8	0.0	0.0	0.0	9.8
21	16.6	31.8	24.9	58.7	17.638	15.5	0.0	0.0	0.0	9.4
22	17.6	30.5	21.4	66.8	16.807	14.7	0.0	0.0	0.0	9.0
23	16.8	30.5	21.0	77.8	19.305	16.9	0.0	0.0	0.0	3.7
24	17.7	29.8	21.3	68.8	17.508	15.3	0.0	0.0	0.0	6.5
25	16.8	30.0	21.1	84.3	21.588	18.6	16.1	0.0	16.1	5.0
26	17.5	29.5	23.5	70.9	19.847	17.3	0.0	0.0	0.0	4.9
27	17.6	31.6	24.2	62.5	17.289	15.1	0.0	0.0	0.0	7.7
28	17.8	30.8	20.9	74.3	18.140	16.0	0.0	3.2	3.2	8.6
29	18.4	30.8	22.9	73.5	19.942	17.4	0.0	0.4	0.4	8.1
30	18.0	29.0	21.0	77.4	19.484	17.0	0.0	0.0	0.0	5.7
31	17.6	28.8	22.0	68.0	17.815	15.6	0.0	0.0	0.0	5.7
PROM.	16.6	30.2	22.2	70.5	18.280	16.0	33.4	8.0	41.4	235.9

M E S – FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	28.0	21.5	75.6	19.093	16.7	2.1	0.0	2.1	3.9
2	17.5	30.6	23.3	63.4	17.030	14.8	0.0	0.0	0.0	8.5
3	17.4	31.4	21.6	72.7	18.022	15.7	0.0	0.0	0.0	6.1
4	17.5	30.8	22.5	63.2	16.380	14.3	0.0	0.0	0.0	9.8
5	15.6	30.5	20.6	73.9	17.436	15.2	7.2	0.0	7.2	7.8
6	16.6	30.0	20.8	73.1	17.172	14.9	0.4	0.0	0.4	8.3
7	16.5	28.5	20.7	75.2	18.325	16.1	0.0	0.0	0.0	0.7
8	17.5	31.8	22.8	69.1	18.228	16.0	0.0	0.0	0.0	8.3
9	17.8	29.8	21.5	71.8	18.216	16.0	0.0	0.0	0.0	1.9
10	18.8	29.9	22.0	62.4	16.279	14.1	0.0	0.0	0.0	7.5
11	16.8	29.9	21.8	73.0	18.147	15.8	7.1	4.2	11.3	5.5
12	17.8	26.8	21.3	78.5	19.641	17.2	14.0	0.0	14.0	1.7
13	17.0	29.5	23.1	70.5	19.413	16.9	0.7	0.5	1.2	6.0
14	18.0	29.5	22.4	74.6	19.786	17.3	12.8	0.2	13.0	5.8
15	16.8	26.0	19.8	83.4	18.925	16.6	1.3	0.6	1.9	6.0
16	16.8	28.8	20.6	81.9	19.829	17.4	8.3	0.0	8.3	3.6
17	17.5	27.5	22.0	80.2	20.786	18.1	0.2	0.0	0.2	3.2
18	18.0	29.9	23.1	68.0	18.320	16.1	0.0	0.0	0.0	6.3
19	18.0	26.3	19.5	89.2	20.279	17.7	6.9	0.0	6.9	2.2
20	16.8	28.8	20.6	81.1	19.587	17.2	0.0	0.6	0.6	5.9
21	16.6	30.6	21.6	74.6	18.684	16.4	0.2	0.0	0.2	6.5
22	18.0	30.8	23.9	69.0	19.435	17.0	0.0	0.0	0.0	8.7
23	17.7	31.6	24.4	66.4	18.678	16.3	0.0	0.0	0.0	7.4
24	18.0	29.5	21.9	71.5	18.208	15.9	3.2	0.0	3.2	5.4
25	17.5	28.5	21.7	75.1	18.589	16.7	0.3	0.0	0.3	4.6
26	17.5	30.0	22.9	66.6	18.112	15.9	0.0	0.0	0.0	9.6
27	16.5	30.0	21.7	76.6	19.385	17.0	0.0	0.0	0.0	3.5
28	16.5	30.0	21.2	75.2	18.078	15.7	2.1	0.0	2.1	7.4
PROM.	17.3	29.5	21.8	73.4	18.588	16.3	66.8	6.1	72.9	162.1

ESTACION: ARTURO GOMEZ MUNICIPIO: ALCALA AÑO: 1.977

ALTITUD: 1.320 LATITUD: 4-40 N. LONGITUD: 75-48 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	29.4	22.6	73.6	19.323	16.9	0.0	0.0	0.0	4.0
2	15.3	31.0	23.9	61.1	16.637	14.6	0.0	0.1	0.1	8.9
3	17.5	30.0	21.8	77.3	19.532	17.0	0.0	0.0	0.0	6.6
4	15.5	26.0	22.3	64.6	15.905	13.7	0.0	0.0	0.0	8.1
5	17.5	32.5	24.9	60.2	17.295	15.2	0.0	0.0	0.0	9.6
6	18.5	31.0	24.7	63.5	18.226	15.9	0.0	0.0	0.0	5.9
7	17.0	32.5	26.0	51.8	14.967	12.7	0.0	0.0	0.0	9.1
8	16.5	33.0	25.0	53.6	14.643	12.1	0.0	0.0	0.0	5.0
9	16.0	32.5	25.2	53.2	14.409	12.1	0.0	0.0	0.0	8.2
10	18.0	33.5	24.8	62.9	17.906	15.7	0.0	0.0	0.0	8.1
11	18.0	31.0	22.2	75.7	20.060	17.5	1.0	0.0	1.0	5.1
12	17.5	30.5	21.5	77.6	19.217	16.8	2.9	0.0	2.9	5.1
13	17.5	30.5	21.7	74.8	19.121	16.8	0.0	0.0	0.0	4.6
14	17.5	30.0	21.7	73.2	18.562	16.2	0.5	0.0	0.5	5.2
15	17.4	30.0	22.2	74.3	19.362	17.0	0.0	0.0	0.0	4.6
16	17.5	27.5	22.0	70.8	18.456	16.1	0.0	0.0	0.0	1.3
17	18.0	30.0	21.9	73.1	19.012	16.7	0.0	0.0	0.0	3.5
18	17.5	31.0	20.6	54.8	13.937	10.8	25.0	0.0	25.0	5.8
19	17.5	30.0	21.2	85.0	21.074	18.2	0.5	0.0	0.5	2.8
20	17.5	32.5	24.4	71.7	20.639	18.0	0.0	0.0	0.0	7.3
21	18.0	31.5	22.4	72.9	18.842	16.4	5.5	0.0	5.5	6.9
22	18.0	27.0	22.2	74.3	19.412	17.0	0.3	4.5	4.8	1.3
23	18.0	27.0	21.2	81.4	20.319	17.7	1.3	0.0	1.3	2.7
24	18.0	28.1	22.6	76.0	20.205	17.6	0.0	0.0	0.0	3.4
25	18.0	28.0	21.8	81.8	20.994	18.3	0.0	0.0	0.0	3.3
26	17.5	30.5	23.7	70.5	19.564	17.1	0.0	0.0	0.0	7.3
27	17.0	30.0	24.2	69.1	19.993	17.4	0.0	0.4	0.4	3.7
28	17.0	23.5	18.7	96.1	21.084	18.3	14.9	0.5	15.4	0.0
29	16.5	28.0	22.6	69.0	17.835	15.6	0.0	27.6	27.6	7.2
30	17.0	25.5	20.5	79.9	19.151	16.8	0.0	3.7	3.7	2.7
31	16.0	25.6	19.2	85.6	19.005	16.7	2.2	1.6	3.8	1.4
PROM.	17.3	29.6	22.6	71.3	18.538	16.1	54.1	38.4	92.5	158.7

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	26.3	21.1	73.2	17.714	15.6	0.0	2.1	2.1	5.4
2	17.1	27.5	20.7	78.3	19.001	16.6	1.7	6.1	7.8	4.2
3	16.5	28.5	20.2	77.6	17.926	15.6	11.1	2.2	13.3	2.0
4	15.4	22.0	19.3	80.5	17.877	15.6	1.9	0.0	1.9	4.8
5	14.0	28.1	21.5	64.2	15.247	13.2	0.0	0.0	0.0	9.3
6	15.0	29.5	22.1	60.6	14.980	13.0	0.0	0.0	0.0	9.9
7	16.0	29.5	22.8	71.8	18.874	16.5	0.0	0.0	0.0	6.6
8	16.5	27.0	20.3	78.3	18.520	16.2	1.3	0.0	1.3	3.1
9	13.8	28.0	21.8	69.1	17.013	14.9	0.0	0.0	0.0	5.9
10	15.6	29.0	22.2	69.3	18.335	16.1	0.0	0.0	0.0	8.9
11	15.5	29.0	23.6	67.8	18.895	16.5	0.0	0.0	0.0	4.9
12	18.6	27.0	22.5	74.0	19.759	17.2	0.0	0.0	0.0	0.9
13	16.0	28.0	22.7	72.7	19.178	16.8	0.4	0.0	0.4	7.2
14	18.4	25.1	21.4	81.0	20.401	17.8	3.7	0.0	3.7	0.6
15	17.5	30.5	22.5	70.0	18.135	15.8	0.0	0.0	0.0	8.3
16	17.0	26.5	21.5	73.6	18.781	16.5	0.3	0.0	0.3	0.3
17	17.5	26.3	20.2	90.8	21.759	18.9	8.2	0.0	8.2	3.1
18	15.0	29.3	23.8	63.7	17.546	15.4	0.0	0.0	0.0	9.1
19	17.0	27.0	22.2	73.2	18.799	16.5	0.0	0.0	0.0	2.6
20	16.3	29.5	22.8	64.4	16.984	14.9	0.0	0.0	0.0	7.0
21	19.0	23.3	19.9	84.8	19.963	17.5	8.3	0.1	8.4	0.0
22	15.0	28.0	21.2	75.1	18.296	16.0	4.7	14.6	19.3	7.6
23	16.0	20.0	18.2	94.0	19.667	17.2	18.8	0.3	19.1	0.0
24	15.0	25.0	20.0	77.9	17.716	15.5	0.2	0.0	0.2	4.5
25	16.3	27.0	22.2	65.5	16.646	14.5	0.0	0.0	0.0	8.1
26	17.0	25.5	21.5	76.2	19.235	16.8	1.3	17.7	19.0	2.1
27	15.5	26.0	20.3	81.9	19.103	16.8	1.5	7.6	9.1	2.8
28	15.0	26.0	19.1	78.9	17.230	15.1	14.1	0.0	14.1	3.8
29	15.5	26.3	19.8	77.1	17.562	15.3	7.6	0.0	7.6	5.7
30	16.0	26.0	20.4	76.1	17.866	15.7	2.1	8.7	10.8	4.8
PROM.	16.2	26.9	21.3	74.7	18.300	16.0	87.2	59.4	146.6	143.5

ESTACION: ARTURO GOMEZ MUNICIPIO: ALCALA AÑO: 1.977

ALTITUD: 1.320 LATITUD: 4-40 N. LONGITUD: 75-48 W.

M E S – MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	27.0	21.0	69.4	16.689	14.6	0.0	0.0	0.0	9.5
2	17.5	28.6	22.6	63.4	16.905	14.8	0.0	0.0	0.0	7.6
3	18.1	29.9	22.6	70.1	18.843	16.4	0.6	4.7	5.3	6.6
4	15.5	26.0	20.2	72.1	16.497	14.2	10.0	25.5	35.5	8.2
5	15.5	24.0	18.5	84.7	17.917	15.7	20.7	0.0	20.7	1.5
6	14.5	27.0	21.1	77.9	18.887	16.6	0.0	0.0	0.0	7.8
7	16.0	26.5	20.8	79.3	19.091	16.7	1.6	0.0	1.6	2.9
8	16.0	26.3	21.8	73.0	18.617	16.4	0.0	0.0	0.0	4.8
9	17.5	27.0	21.1	78.0	19.362	16.9	0.0	0.0	0.0	5.2
10	17.1	26.0	21.8	74.3	18.910	16.5	5.4	0.1	5.5	5.1
11	16.5	25.6	20.8	81.7	19.842	17.4	0.3	0.7	1.0	4.2
12	15.3	27.0	21.5	75.0	18.405	16.2	0.0	0.0	0.0	9.2
13	16.0	25.3	20.5	76.0	17.978	15.8	0.0	0.0	0.0	3.8
14	17.0	23.0	18.9	85.6	19.097	16.8	3.6	0.0	3.6	0.7
15	14.8	23.3	18.0	83.8	17.218	15.1	10.9	0.1	11.0	2.1
16	15.4	28.4	21.3	77.8	19.270	16.9	0.0	0.0	0.0	8.2
17	17.5	28.6	20.8	74.6	18.035	15.7	0.8	0.0	0.8	6.4
18	17.0	29.3	22.9	71.7	19.062	16.7	0.0	0.0	0.0	8.9
19	17.5	29.0	22.6	68.4	18.068	15.8	0.0	3.4	3.4	8.0
20	18.1	24.5	21.1	85.8	21.425	18.6	0.0	0.0	0.0	0.2
21	18.0	26.0	21.9	77.5	20.232	17.6	0.0	0.0	0.0	1.7
22	17.0	26.0	21.4	77.7	19.368	16.9	0.0	0.0	0.0	1.9
23	16.4	23.5	18.2	83.3	17.599	15.4	19.5	0.0	19.5	2.1
24	14.5	23.0	19.4	83.7	18.329	16.0	0.0	0.0	0.0	2.3
25	16.0	23.0	19.0	82.5	18.031	15.8	0.0	0.0	0.0	1.0
26	15.3	25.1	19.6	82.9	18.717	16.4	7.4	0.0	7.4	4.6
27	15.4	23.5	19.8	78.8	18.057	15.8	1.7	0.0	1.7	3.4
28	15.5	24.0	20.1	83.3	19.226	16.8	13.0	0.6	13.6	0.9
29	15.4	23.5	19.0	84.3	18.200	16.0	0.0	0.0	0.0	0.8
30	15.3	26.0	21.1	73.8	17.853	15.6	0.0	0.0	0.0	4.5
31	17.0	23.5	19.2	85.2	19.138	16.7	13.8	0.0	13.8	2.3
PROM.	16.2	25.8	20.6	77.9	18.544	16.2	109.3	35.1	144.4	136.4

M E S – JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	24.4	19.2	79.5	17.535	15.4	0.7	8.4	9.1	4.8
2	15.1	25.4	18.0	82.4	16.813	14.7	6.6	0.0	6.6	6.3
3	14.5	26.5	20.4	75.9	17.616	15.4	0.0	0.2	0.2	6.2
4	15.3	26.3	20.5	82.9	19.970	17.5	1.1	0.0	1.1	4.2
5	16.8	27.0	20.6	80.8	19.663	17.2	0.4	0.0	0.4	5.2
6	14.8	25.5	19.2	80.7	17.799	15.6	24.6	26.0	50.6	6.0
7	17.0	23.0	19.4	87.8	19.709	17.3	5.5	11.0	16.5	2.1
8	16.5	25.0	20.1	79.7	18.584	16.3	0.7	0.0	0.7	6.1
9	16.5	26.0	21.4	80.0	20.102	17.5	0.2	0.0	0.2	7.4
10	16.0	26.0	19.1	85.9	19.185	16.8	2.5	0.9	3.4	3.2
11	14.5	27.0	20.3	75.7	17.593	15.2	15.3	11.9	27.2	8.3
12	15.5	23.5	19.0	85.8	19.096	16.8	6.1	0.0	6.1	1.2
13	15.5	25.0	19.8	78.3	17.744	15.5	0.2	1.0	1.2	2.5
14	15.5	26.5	20.4	77.2	18.089	15.9	10.5	2.2	12.7	4.8
15	15.4	28.5	22.5	71.2	18.528	16.3	0.0	0.0	0.0	10.6
16	16.1	27.5	22.3	73.2	19.150	16.8	0.0	0.0	0.0	6.4
17	16.0	28.0	21.3	76.5	18.681	16.3	1.2	0.0	1.2	8.8
18	15.5	27.3	22.0	74.5	19.304	16.9	0.0	0.0	0.0	7.1
19	17.5	27.0	21.7	74.7	19.140	16.8	0.0	0.0	0.0	5.6
20	15.8	23.5	19.3	82.9	18.434	16.2	3.8	3.4	7.2	4.2
21	17.0	24.5	20.2	78.8	18.395	16.1	0.0	0.0	0.0	4.2
22	16.5	28.8	22.1	68.2	17.396	15.2	0.0	0.0	0.0	8.9
23	15.8	29.5	21.8	70.7	17.553	15.4	0.0	0.1	0.1	8.7
24	17.0	28.0	22.2	70.6	18.334	16.0	0.0	0.0	0.0	4.5
25	16.5	30.5	23.0	73.5	20.024	17.5	0.0	0.0	0.0	8.2
26	16.5	28.4	21.1	77.1	18.805	16.5	8.4	0.0	8.4	7.2
27	15.5	27.4	20.3	74.2	17.302	15.1	0.2	0.0	0.2	10.1
28	15.1	26.0	19.3	89.9	20.273	17.7	3.0	0.0	3.0	4.7
29	16.1	26.0	19.6	80.4	18.266	16.0	0.3	0.0	0.3	2.7
30	16.5	24.0	18.8	84.6	18.331	16.1	2.2	24.2	26.4	3.3
PROM.	15.9	26.4	20.5	78.5	18.580	16.3	93.5	89.3	182.8	173.5

ESTACION: ARTURO GOMEZ MUNICIPIO: ALCALA AÑO: 1.977

ALTITUD: 1.320 LATITUD: 4-40 N. LONGITUD: 75-48 W.

M E S - JULIO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	26.0	20.4	77.3	17.859	15.7	0.0	0.0	0.0	6.0
2	15.0	26.0	20.7	76.8	17.963	15.7	0.0	0.0	0.0	5.5
3	16.4	27.0	21.0	72.7	17.318	14.7	0.2	0.0	0.2	6.3
4	17.5	28.8	22.1	67.4	17.349	15.1	0.3	0.0	0.3	7.2
5	16.5	26.5	20.4	76.9	18.351	16.1	16.7	6.0	22.7	4.6
6	17.0	25.8	20.6	78.2	18.635	16.2	1.0	5.1	6.1	3.4
7	17.5	24.5	20.2	84.7	19.722	17.2	0.5	0.0	0.5	1.8
8	17.0	27.4	22.0	72.2	18.588	16.3	0.0	0.0	0.0	6.5
9	16.4	27.5	20.1	76.4	17.944	15.7	2.1	0.1	2.2	3.4
10	15.5	26.3	21.7	77.2	19.528	17.1	0.2	0.0	0.2	8.2
11	15.0	28.8	23.2	54.2	13.756	11.4	0.0	0.0	0.0	10.8
12	16.1	26.5	21.1	78.6	19.105	16.6	0.0	0.0	0.0	8.9
13	16.1	29.9	22.5	65.0	16.575	14.5	0.0	0.0	0.0	3.3
14	16.8	26.5	21.7	72.7	18.424	16.1	4.3	0.0	4.3	5.1
15	17.0	26.0	21.5	71.3	18.006	15.8	0.4	2.1	2.5	3.2
16	17.2	28.8	22.6	69.5	18.283	16.0	0.0	0.0	0.0	8.0
17	17.0	29.8	23.4	54.2	14.330	11.6	0.0	0.0	0.0	9.0
18	14.5	28.0	21.7	64.6	15.820	13.6	0.0	0.0	0.0	7.4
19	14.0	28.0	20.8	60.0	14.200	12.0	0.0	0.0	0.0	5.8
20	16.1	28.8	20.9	69.7	16.277	14.1	0.0	0.0	0.0	5.7
21	16.5	30.8	23.2	64.5	16.944	14.9	0.0	0.0	0.0	10.3
22	16.1	29.9	24.2	66.9	18.910	16.6	0.0	0.0	0.0	8.3
23	18.0	30.9	24.3	61.1	17.111	14.8	0.0	0.0	0.0	7.7
24	16.5	28.5	21.4	72.0	17.756	15.6	0.0	0.0	0.0	4.9
25	18.0	27.5	22.4	70.0	18.404	16.1	0.1	11.0	11.1	3.5
26	16.5	25.8	20.8	76.2	18.539	16.2	2.2	7.9	10.1	1.6
27	15.8	24.8	20.2	77.2	17.604	15.5	0.1	0.0	0.1	3.3
28	15.5	31.8	24.4	53.0	14.029	11.5	0.0	0.0	0.0	10.0
29	16.5	32.4	25.0	48.1	12.716	9.9	0.0	0.0	0.0	11.2
30	16.5	30.6	22.0	69.2	17.392	15.1	0.2	0.7	0.9	8.2
31	17.5	26.5	21.2	75.7	18.817	16.5	1.0	2.3	3.3	4.4
PROM.	16.4	27.9	21.9	69.5	17.299	15.0	29.3	35.2	64.5	191.5

M E S - AGOSTO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.1	25.8	20.8	75.7	18.272	16.1	0.3	0.0	0.3	3.0
2	16.5	28.8	23.3	62.8	16.678	14.6	0.0	0.0	0.0	9.7
3	15.5	27.5	21.7	66.3	16.259	14.2	0.0	0.0	0.0	4.8
4	17.0	27.5	21.5	74.5	18.501	16.2	2.5	0.0	2.5	7.2
5	17.3	26.0	20.7	79.9	19.104	16.6	9.3	0.0	9.3	4.5
6	17.0	25.5	20.8	74.3	17.686	15.4	1.5	9.3	10.8	3.4
7	16.5	26.0	19.9	83.3	19.120	16.8	1.5	5.2	6.7	4.2
8	17.0	25.3	20.8	73.6	17.579	15.3	0.2	9.3	9.5	4.7
9	16.0	23.4	19.5	75.1	16.672	14.5	0.0	0.0	0.0	2.3
10	15.5	27.3	21.4	70.4	16.972	14.9	0.0	0.0	0.0	5.6
11	16.5	28.0	21.2	76.8	18.727	16.4	0.2	0.0	0.2	7.1
12	16.0	27.5	19.9	73.4	16.549	14.3	0.3	6.1	6.4	4.7
13	16.0	28.3	21.1	66.1	15.607	13.5	0.0	41.2	41.2	5.9
14	16.0	26.0	20.9	74.7	17.746	15.5	0.2	0.0	0.2	10.0
15	17.5	26.0	20.8	75.7	18.233	16.0	0.6	3.1	3.7	4.0
16	17.0	25.0	20.5	76.5	18.098	15.9	0.7	0.0	0.7	2.2
17	15.5	27.5	22.0	72.2	18.165	15.9	0.0	0.0	0.0	9.0
18	16.0	27.8	20.5	71.4	16.552	14.4	0.0	0.0	0.0	6.2
19	14.5	28.8	21.1	64.9	15.954	14.0	0.0	0.0	0.0	6.5
20	16.5	25.5	20.4	79.2	18.583	16.2	0.1	20.5	20.6	2.6
21	16.7	25.0	20.3	77.9	17.995	15.7	1.1	0.0	1.1	3.4
22	15.0	26.0	21.0	68.3	16.253	14.2	2.2	0.0	2.2	8.9
23	14.5	29.0	21.5	66.5	15.889	13.9	0.0	0.0	0.0	10.9
24	15.0	28.0	21.3	72.5	18.055	15.8	1.8	0.0	1.8	6.1
25	14.1	28.1	20.3	75.3	17.208	14.9	1.0	0.0	1.0	7.9
26	15.0	27.0	20.3	72.7	16.791	14.7	0.8	0.0	0.8	4.8
27	15.0	26.0	20.1	74.4	17.030	14.8	0.3	0.0	0.3	6.3
28	14.6	30.0	22.8	58.7	14.922	12.9	0.0	0.0	0.0	9.4
29	14.5	28.0	22.1	67.2	16.977	14.9	0.0	0.0	0.0	7.9
30	15.5	27.4	21.3	75.4	18.583	16.3	2.2	0.5	2.7	4.9
31	16.5	27.0	21.5	67.0	16.609	14.5	0.0	0.0	0.0	4.8
PROM.	15.9	26.9	21.0	72.3	17.334	15.1	26.8	95.2	122.0	182.9

ESTACION: ARTURO GOMEZ MUNICIPIO: ALCALA AÑO: 1.977

ALTITUD: 1.320 LATITUD: 4-40 N. LONGITUD: 75-48 W.

M E S – SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	29.5	21.5	55.6	13.327	10.7	0.0	0.0	0.0	9.3
2	15.1	29.9	22.5	55.2	13.371	11.0	0.0	0.0	0.0	9.3
3	15.0	27.9	21.6	69.3	17.380	15.3	1.6	0.0	1.6	5.7
4	15.6	29.0	21.3	67.7	16.222	14.1	0.0	0.0	0.0	5.7
5	15.3	27.0	21.6	70.2	17.716	15.6	0.0	0.0	0.0	5.8
6	14.5	31.0	24.1	47.8	11.796	8.6	0.0	0.0	0.0	10.0
7	14.5	31.0	24.9	39.5	10.700	7.5	0.0	0.0	0.0	10.4
8	16.5	27.1	22.5	55.2	14.908	12.9	0.0	0.0	0.0	2.9
9	16.0	29.0	21.7	66.5	16.720	14.6	0.0	0.0	0.0	6.6
10	17.0	28.6	22.5	62.2	16.326	14.2	0.0	0.0	0.0	3.3
11	17.0	30.0	23.6	62.7	17.261	15.1	0.0	0.0	0.0	9.1
12	16.0	26.0	19.0	86.5	19.213	16.9	1.7	3.9	5.6	2.1
13	16.0	28.0	19.9	78.4	17.769	15.5	7.7	9.0	16.7	4.2
14	15.5	22.0	18.4	85.0	17.903	15.8	0.1	0.0	0.1	4.1
15	15.0	26.5	21.7	69.4	17.135	15.0	0.0	0.0	0.0	0.0
16	15.5	28.0	22.4	65.8	17.234	15.0	0.0	0.0	0.0	7.0
17	17.5	29.8	21.9	73.1	18.792	16.3	1.4	7.3	8.7	7.5
18	15.0	29.5	21.5	70.2	17.109	15.0	3.4	18.3	21.7	7.8
19	16.5	26.5	21.0	69.9	16.543	14.4	0.0	0.0	0.0	8.1
20	16.4	26.3	20.6	77.6	18.250	15.9	0.2	0.0	0.2	2.3
21	16.5	26.0	19.8	76.6	17.502	15.3	0.6	9.6	10.2	1.5
22	15.3	27.0	20.2	68.2	15.291	13.1	0.0	0.0	0.0	3.8
23	17.0	28.0	22.3	63.0	15.981	13.9	0.0	0.0	0.0	5.5
24	16.5	27.0	20.3	78.9	18.651	16.3	0.2	6.6	6.8	4.0
25	17.0	26.0	21.4	69.4	16.936	14.7	0.1	22.3	22.4	3.1
26	16.4	22.0	18.8	80.1	17.273	15.1	0.0	21.5	21.5	0.2
27	15.5	20.8	17.1	85.2	16.706	14.7	28.8	2.0	30.8	0.0
28	14.8	22.5	18.1	82.5	16.939	14.9	1.3	0.0	1.3	1.0
29	15.0	22.5	17.8	94.6	19.121	16.8	10.5	0.0	10.5	0.6
30	14.4	26.0	19.7	76.3	16.859	14.7	0.4	7.8	8.2	3.5
PROM.	15.7	27.0	21.0	70.1	16.564	14.3	58.0	108.3	166.3	144.4

M E S – OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	26.0	20.1	79.5	18.192	15.8	6.8	19.0	25.8	4.6
2	15.5	26.5	21.3	70.0	17.130	14.9	0.0	0.0	0.0	6.1
3	17.0	28.1	21.4	67.3	16.510	14.3	0.0	2.4	2.4	8.2
4	16.5	27.3	19.6	78.2	17.556	15.3	24.0	0.9	24.9	5.0
5	16.3	25.4	20.3	72.9	16.912	14.8	0.0	0.0	0.0	3.1
6	16.5	24.5	19.6	83.2	19.083	16.7	0.6	22.6	23.2	1.5
7	16.0	22.5	18.8	82.1	17.556	15.3	11.0	0.0	11.0	1.9
8	15.7	26.0	19.0	77.1	16.817	14.7	13.4	17.8	31.2	4.7
9	15.7	21.0	17.1	88.7	17.392	15.3	0.4	3.0	3.4	4.2
10	17.0	23.0	18.9	79.7	17.210	15.0	14.8	0.4	15.2	1.9
11	15.0	24.5	18.7	77.2	16.347	14.2	4.4	8.1	12.5	4.1
12	15.7	24.6	19.0	74.9	16.206	14.0	0.0	0.0	0.0	2.2
13	15.5	24.5	18.4	80.8	17.094	15.0	14.2	0.0	14.2	1.7
14	14.5	26.0	19.9	79.6	18.139	15.9	0.5	0.0	0.5	5.1
15	15.5	24.7	20.6	72.7	17.196	15.0	0.0	0.0	0.0	2.8
16	14.7	26.3	21.2	73.9	17.965	15.6	0.0	0.0	0.0	5.4
17	15.5	27.0	20.3	77.6	17.729	15.4	1.2	0.0	1.2	5.8
18	16.0	29.0	21.2	73.5	17.912	15.8	0.0	0.0	0.0	4.3
19	16.0	28.5	22.4	66.1	17.316	15.1	0.0	2.9	2.9	7.5
20	16.5	27.5	22.0	73.5	18.771	16.5	0.0	0.0	0.0	5.3
21	16.8	28.5	22.8	70.6	18.603	16.3	0.0	0.0	0.0	7.1
22	17.5	27.0	21.0	74.7	18.558	16.1	1.4	0.0	1.4	3.2
23	16.5	27.1	22.0	74.3	19.462	17.0	2.2	5.4	7.6	
24	17.3	25.8	20.8	82.2	20.059	17.5	8.8	0.0	8.8	
25	16.5	25.8	20.7	80.6	19.681	17.2	0.0	0.0	0.0	
26	16.6	21.0	19.1	91.9	20.459	17.9	3.5	0.0	3.5	
27	16.8	25.5	19.9	79.5	18.187	15.9	2.7	0.0	2.7	
28	16.5	26.5	20.1	77.7	18.410	16.1	12.2	3.1	15.3	
29	16.5	26.4	21.0	73.2	17.847	15.6	0.0	0.0	0.0	
30	17.0	25.0	19.8	81.8	19.177	16.8	3.2	0.0	3.2	
31	14.6	27.0	19.8	73.7	16.357	14.2	0.0	0.0	0.0	
PROM.	16.2	25.8	20.2	77.1	17.930	15.7	125.3	85.6	210.9	

..JTACION: ARTURO GOMEZ MUNICIPIO: ALCALA AÑO: 1.977

ALTITUD: 1.320 LATITUD: 4-40 N. LONGITUD: 75-48 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	28.0	19.9	77.8	18.119	15.9	5.3	0.0	5.3	
2	15.0	27.0	20.3	75.6	17.661	15.4	0.0	0.0	0.0	
3	15.4	27.5	20.7	74.6	17.973	15.8	0.0	3.0	3.0	
4	16.5	24.0	19.3	84.2	19.050	16.7	7.1	0.2	7.3	
5	15.0	26.5	19.8	77.5	17.453	15.2	16.7	1.7	18.4	
6	16.5	25.0	19.5	85.6	19.429	17.0	0.8	8.7	9.5	
7	17.0	25.0	19.0	82.4	18.111	15.8	8.1	1.8	9.9	
8	15.4	26.9	20.7	73.1	17.388	15.2	0.0	0.0	0.0	
9	16.8	28.0	20.8	72.9	17.430	15.2	0.0	11.6	11.6	
10	16.8	23.0	18.0	86.0	17.644	15.5	12.8	0.0	12.8	
11	16.8	26.4	19.7	81.5	18.749	16.5	32.7	2.5	35.2	
12	17.0	24.0	19.6	77.9	17.891	15.7	0.0	0.0	0.0	
13	16.5	24.0	19.3	78.1	17.406	15.2	7.4	1.6	9.0	
14	15.5	26.0	20.3	74.7	17.495	15.3	0.0	0.0	0.0	
15	14.0	26.8	19.7	71.4	16.072	13.8	0.0	0.0	0.0	
16	14.5	26.8	20.0	71.7	16.525	14.4	0.0	5.3	5.3	
17	16.8	25.3	20.1	82.4	19.396	17.0	1.0	5.8	6.8	
18	17.1	22.8	19.0	89.6	19.720	17.3	8.1	0.0	8.1	0.6
19	15.5	26.3	20.9	74.5	17.917	15.6	0.0	2.6	2.6	5.5
20	18.0	28.0	22.3	66.7	17.836	15.6	0.0	1.5	1.5	6.7
21	17.0	28.4	20.7	68.8	16.518	14.4	0.0	0.0	0.0	9.7
22	17.1	26.5	21.5	72.3	18.055	15.8	0.0	0.0	0.0	4.8
23	16.5	26.6	21.7	67.1	17.081	14.9	0.8	3.6	4.4	4.8
24	16.4	27.8	21.0	79.3	19.330	16.9	0.0	0.0	0.0	5.4
25	16.5	26.5	21.7	73.1	18.245	16.0	0.0	1.2	1.2	4.5
26	16.8	26.0	20.3	78.2	18.857	16.5	1.7	0.0	1.7	0.6
27	16.8	28.0	22.0	72.4	18.729	16.4	0.0	0.0	0.0	6.4
28	16.0	27.3	22.2	73.3	18.891	16.5	0.5	0.0	0.5	5.4
29	16.4	28.4	22.9	69.0	18.561	16.3	0.0	0.0	0.0	7.5
30	16.5	28.4	22.2	65.1	16.887	14.8	0.0	0.0	0.0	8.3
PROM.	16.3	26.4	20.5	75.9	18.014	15.8	103.0	51.1	154.1	

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	28.3	21.4	70.0	17.140	15.0	0.0	0.0	0.0	8.7
2	16.8	26.5	20.5	76.8	18.224	15.9	2.4	5.6	8.0	3.3
3	16.5	26.5	20.5	77.7	18.574	16.3	0.0	0.0	0.0	6.0
4	16.3	27.4	21.7	75.1	19.032	16.7	0.0	0.0	0.0	5.7
5	17.4	28.8	22.3	70.8	18.481	16.1	0.0	0.0	0.0	6.0
6	16.5	27.8	20.1	72.8	17.049	14.8	11.2	0.4	11.6	4.5
7	16.6	26.7	20.8	77.7	18.719	16.4	0.0	0.0	0.0	3.1
8	17.7	28.0	21.6	73.0	18.505	16.2	0.0	0.0	0.0	6.0
9	16.1	27.8	20.5	77.0	17.942	15.6	0.0	0.7	0.7	4.9
10	16.5	27.8	20.1	72.8	17.047	14.9	0.0	0.0	0.0	4.7
11	15.0	28.0	20.2	75.6	17.652	15.4	0.1	0.0	0.1	7.0
12	16.5	27.5	19.9	63.9	14.390	12.2	0.0	25.0	25.0	5.7
13	15.0	25.0	19.8	81.8	18.663	16.3	0.0	0.0	0.0	2.3
14	15.0	27.5	20.7	71.5	17.469	15.3	0.0	0.0	0.0	7.7
15	15.5	27.5	20.2	71.2	16.559	14.5	0.3	0.0	0.3	6.2
16	15.5	24.0	20.6	79.7	19.374	17.0	0.0	0.0	0.0	1.7
17	17.0	28.0	22.4	68.4	17.916	15.7	0.0	0.0	0.0	6.7
18	16.0	28.0	20.6	72.8	17.331	15.1	11.5	0.0	11.5	6.2
19	17.0	26.5	20.5	77.4	18.342	16.0	0.0	0.0	0.0	3.2
20	16.0	27.0	21.1	71.6	17.640	15.5	0.0	0.0	0.0	7.8
21	16.5	28.0	20.5	69.9	17.008	14.9	0.0	0.0	0.0	8.1
22	15.5	29.0	20.2	68.7	16.151	14.1	1.2	1.9	3.1	7.9
23	15.5	29.5	21.6	71.5	17.974	15.7	0.0	0.0	0.0	9.5
24	16.0	28.5	21.6	74.7	18.755	16.3	0.0	0.0	0.0	4.8
25	15.5	26.0	21.8	74.4	19.235	16.8	0.0	0.0	0.0	0.9
26	17.0	26.0	20.8	73.3	18.175	15.9	0.0	0.0	0.0	1.5
27	16.5	25.5	20.0	76.9	18.035	15.8	0.0	11.7	11.7	0.0
28	15.5	25.5	19.8	81.5	18.490	16.2	1.2	24.4	25.6	4.5
29	16.0	25.1	20.0	81.3	19.105	16.8	0.0	0.0	0.0	0.0
30	14.5	27.5	19.3	70.8	15.657	13.4	0.0	0.0	0.0	7.5
31	16.0	27.5	22.2	68.6	17.679	15.5	0.0	0.0	0.0	6.1
PROM.	16.1	27.2	20.8	73.8	17.817	15.6	27.9	69.7	97.6	158.2

ESTACION: ARTURO GOMEZ MUNICIPIO ALCALA AÑO: 1.977

ALTITUD: 1.320 LATITUD: 4-40 N. LONGITUD: 75-48 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.6	30.2	22.2	14.5	31.8	70.5	18.280	16.0	41.4	6	235.9
FEBRERO	17.3	29.5	21.8	15.6	31.8	73.4	18.588	16.3	72.9	16	162.1
MARZO	17.3	29.6	22.6	15.3	33.5	71.3	18.538	16.1	92.5	14	158.7
ABRIL	16.2	26.9	21.3	13.8	30.5	74.7	18.300	16.0	146.6	18	143.5
MAYO	16.2	25.8	20.6	14.5	29.9	77.9	18.544	16.2	144.4	15	136.4
JUNIO	15.9	26.4	20.5	14.5	30.5	78.5	18.580	16.3	182.8	22	173.5
JULIO	16.4	27.9	21.9	14.0	32.4	69.5	17.299	15.0	64.5	14	191.5
AGOSTO	15.9	26.9	21.0	14.1	30.0	72.3	17.334	15.1	122.0	20	182.9
SEPTIEMBRE	15.7	27.0	21.0	14.0	31.6	70.1	16.564	14.3	166.3	15	144.4
OCTUBRE	16.2	25.8	20.2	14.5	29.0	77.1	17.930	15.7	210.9	20	
NOVIEMBRE	16.3	26.4	20.5	14.0	28.4	75.9	18.014	15.8	154.1	19	
DICIEMBRE	16.1	27.2	20.8	14.5	29.5	73.8	17.617	15.6	97.6	10	158.2
PROMEDIO	16.3	27.5	21.2	14.4	30.7	73.8	17.982	15.7			
TOTAL									1496.0	189	

ESTACION: HERACLIO URIBE MUNICIPIO: SEVILLA AÑO: 1.977

ALTITUD: 1.540 LATITUD: 4-16 N. LONGITUD: 75-55 W.

M E S — ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.1	25.7	19.9	86.2	19.861	17.4	0.0	0.0	0.0	2.8
2	15.0	26.1	20.3	79.4	18.546	16.3	0.0	13.2	13.2	4.2
3	14.9	23.3	19.1	84.2	18.578	16.3	0.0	0.0	0.0	6.4
4	15.0	26.2	20.4	78.5	18.436	16.2	0.0	0.0	0.0	5.1
5	14.0	28.0	19.1	84.5	18.660	16.4	0.0	0.0	0.0	6.2
6	14.0	26.8	20.1	78.9	18.471	16.2	0.0	0.0	0.0	7.4
7	13.6	25.6	19.4	84.1	18.941	16.6	0.0	0.0	0.0	6.5
8	14.0	26.4	19.7	85.3	19.136	16.7	0.0	0.0	0.0	5.3
9	14.1	26.1	19.4	82.4	18.453	16.2	0.0	0.0	0.0	5.8
10	13.8	25.5	18.9	86.2	19.173	16.8	0.0	0.0	0.0	3.8
11	13.3	25.8	18.8	83.4	18.134	16.0	0.0	0.0	0.0	6.1
12	14.0	26.1	19.9	79.0	18.211	16.0	0.0	0.0	0.0	5.4
13	13.8	25.6	19.4	79.8	17.981	15.8	0.0	0.0	0.0	2.6
14	13.3	25.4	19.1	80.9	17.503	15.4	0.0	0.0	0.0	3.8
15	14.7	26.3	20.2	83.1	19.503	17.1	0.0	0.0	0.0	3.3
16	15.3	27.1	20.5	83.1	19.956	17.5	0.0	0.0	0.0	5.6
17	14.6	28.1	20.8	80.9	19.558	17.2	0.0	0.0	0.0	4.9
18	15.0	25.1	20.6	80.8	19.411	17.0	0.0	0.0	0.0	1.5
19	15.8	25.0	20.1	88.9	20.649	17.9	0.0	0.0	0.0	1.8
20	15.7	26.6	20.0	81.4	19.000	16.7	0.0	0.0	0.0	4.4
21	15.3	26.6	20.5	79.9	18.945	16.6	0.0	0.0	0.0	6.5
22	15.0	26.5	20.4	78.1	18.606	16.4	0.0	1.3	1.3	4.1
23	16.4	23.0	18.5	92.2	19.713	17.3	3.0	3.9	6.9	1.0
24	15.6	24.3	20.2	82.3	19.034	16.7	1.0	0.0	1.0	2.6
25	16.6	26.3	20.5	82.7	19.765	17.3	0.0	0.0	0.0	3.6
26	15.6	25.5	19.6	84.8	19.004	16.7	0.0	0.0	0.0	2.8
27	16.3	26.0	20.1	81.7	19.119	16.8	0.0	0.0	0.0	4.0
28	16.1	26.0	20.3	79.8	18.755	16.5	0.0	0.0	0.0	4.1
29	16.3	25.1	19.6	78.6	18.026	15.8	0.0	0.4	0.4	3.0
30	16.4	25.5	19.1	86.9	19.294	16.9	6.1	0.1	6.2	2.7
31	15.3	23.4	18.7	82.7	17.690	15.6	0.0	1.3	1.3	3.6
PROM.	15.0	25.8	19.8	82.6	18.907	16.6	10.1	20.2	30.3	130.9

M E S — FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	25.0	19.6	82.1	18.355	16.1	0.2	0.0	0.2	3.6
2	15.6	26.0	19.3	82.0	18.329	16.2	0.0	0.0	0.0	3.5
3	15.1	27.0	19.7	81.3	18.444	16.2	0.0	0.0	0.0	7.6
4	15.1	26.0	19.3	78.3	17.399	15.3	0.0	0.0	0.0	4.1
5	14.8	25.2	19.5	80.0	17.788	15.6	0.0	0.0	0.0	4.5
6	14.8	26.0	20.2	79.4	18.424	16.1	0.0	0.0	0.0	5.4
7	16.1	23.0	18.8	86.6	18.954	16.7	0.0	0.0	0.0	1.0
8	16.0	27.3	21.0	78.2	18.978	16.7	0.0	0.0	0.0	5.4
9	15.8	24.5	20.5	86.3	20.819	18.1	0.0	0.0	0.0	1.9
10	15.1	27.0	20.8	73.7	17.644	15.5	0.0	0.0	0.0	5.8
11	16.0	25.1	20.7	80.5	19.373	17.0	0.0	0.5	0.5	2.7
12	16.1	21.0	18.1	91.9	19.199	16.8	1.9	0.0	1.9	0.0
13	15.6	26.0	19.9	80.0	18.504	16.3	0.0	0.0	0.0	3.4
14	16.0	25.4	20.9	78.6	19.188	16.8	0.0	0.1	0.1	3.1
15	15.6	26.0	20.5	80.4	19.142	16.8	0.0	5.2	5.2	3.8
16	16.1	22.0	18.6	93.6	20.019	17.5	0.3	0.0	0.3	0.5
17	16.6	24.6	20.2	82.2	19.108	16.8	0.0	0.0	0.0	1.9
18	16.1	24.9	20.0	80.4	18.701	16.5	0.0	0.0	0.0	3.4
19	16.0	23.3	17.8	90.5	18.945	16.7	4.6	0.0	4.6	1.4
20	14.0	23.3	17.8	83.6	16.916	14.9	2.2	8.6	10.8	1.1
21	15.0	24.0	18.9	85.3	18.264	16.0	0.0	0.0	0.0	3.5
22	16.0	25.0	19.9	80.8	18.600	16.4	0.0	0.0	0.0	5.4
23	15.6	27.5	19.9	77.3	17.947	15.8	5.4	0.0	5.4	8.0
24	15.8	24.4	19.7	82.9	18.778	16.4	0.1	0.0	0.1	4.1
25	16.0	24.4	20.3	74.5	17.465	15.4	0.0	0.0	0.0	4.0
26	15.6	25.6	19.6	81.3	18.351	16.2	0.0	0.0	0.0	4.4
27	15.8	25.2	20.3	79.3	18.417	16.2	0.0	0.0	0.0	3.6
28	15.1	25.1	20.2	79.0	18.392	16.2	0.0	0.0	0.0	6.5
PROM.	15.6	25.0	19.7	81.8	18.587	16.3	14.7	14.4	29.1	103.6

ESTACION: HERACLIO URIBE MUNICIPIO: SEVILLA AÑO: 1.977

ALTITUD: 1.540 LATITUD: 4-16 N. LONGITUD: 75-55 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.1	24.3	19.7	80.1	18.220	16.0	0.0	0.0	0.0	1.0
2	15.3	27.1	21.2	76.6	18.512	16.3	0.0	0.0	0.0	6.9
3	16.0	26.3	21.2	79.4	19.555	17.1	0.0	0.0	0.0	3.6
4	15.3	28.0	20.9	79.2	19.198	16.9	0.0	0.0	0.0	7.1
5	15.6	27.3	21.1	76.0	18.331	16.1	0.0	0.0	0.0	6.7
6	16.0	27.3	22.1	72.9	18.806	16.5	0.0	0.0	0.0	6.3
7	15.1	29.0	23.0	64.7	17.091	14.9	0.0	0.0	0.0	9.5
8	15.3	28.3	21.8	65.9	16.383	14.3	0.0	0.0	0.0	6.0
9	16.0	27.7	22.0	74.6	18.890	16.6	0.0	0.0	0.0	6.5
10	17.3	30.0	22.0	66.7	17.348	15.2	0.0	0.0	0.0	8.3
11	16.8	27.3	20.4	80.6	18.904	16.5	0.3	0.0	0.3	5.0
12	15.3	26.8	19.1	82.1	18.408	16.2	8.1	0.0	8.1	6.0
13	15.1	24.1	18.9	84.9	18.447	16.3	0.0	0.0	0.0	3.9
14	15.3	26.0	19.9	80.9	18.360	16.1	0.0	0.0	0.0	3.9
15	16.2	26.0	21.3	75.4	18.727	16.4	0.0	0.1	0.1	2.9
16	17.0	24.6	20.0	82.9	19.117	16.8	0.1	0.0	0.1	1.3
17	17.1	26.0	20.4	81.1	19.206	16.9	0.0	0.0	0.0	1.3
18	15.4	27.0	19.2	81.9	18.385	16.2	13.1	0.0	13.1	3.0
19	16.8	22.3	20.2	86.7	19.570	17.1	5.2	0.0	5.2	1.6
20	16.8	26.8	21.1	79.2	19.299	16.9	0.0	0.0	0.0	4.5
21	16.8	27.0	20.0	77.0	17.755	15.6	0.0	0.0	0.0	6.0
22	17.1	23.0	19.7	81.9	18.765	16.5	0.2	8.8	9.0	0.6
23	15.3	23.4	19.1	84.8	18.504	16.3	0.2	1.5	1.7	1.1
24	16.1	23.5	19.9	80.0	18.245	16.0	0.0	0.0	0.0	1.1
25	16.8	23.6	20.2	85.8	20.156	17.6	0.0	0.0	0.0	1.4
26	16.6	26.8	21.5	76.6	19.523	17.1	0.0	0.0	0.0	4.5
27	17.0	26.3	20.1	83.8	19.690	17.3	12.6	0.1	12.7	2.5
28	16.1	23.0	18.5	92.4	20.157	17.6	41.4	0.9	42.3	0.6
29	14.6	24.0	19.3	82.1	18.280	16.1	0.0	13.0	13.0	3.4
30	15.3	22.0	18.3	86.6	18.087	15.9	0.1	33.3	33.4	1.9
31	15.1	20.6	17.3	92.2	18.386	16.1	5.9	0.0	5.9	2.0
PROM.	16.0	25.7	20.3	79.8	18.655	16.4	87.2	67.7	144.9	120.4

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	23.0	18.2	84.0	17.504	15.4	0.0	0.0	0.0	3.8
2	15.1	24.3	18.8	81.2	17.776	15.6	0.0	2.3	2.3	2.9
3	15.6	24.2	18.3	88.6	18.712	16.5	2.7	15.2	17.9	2.8
4	15.3	20.0	16.8	97.5	18.497	16.3	35.1	0.0	35.1	0.1
5	14.0	25.0	19.4	78.8	17.428	15.3	0.0	0.0	0.0	6.0
6	15.1	24.5	19.6	75.7	17.195	15.1	0.0	0.0	0.0	5.6
7	15.8	25.0	20.1	80.2	18.530	16.3	0.0	0.0	0.0	4.4
8	15.6	22.2	18.8	89.4	19.385	17.0	1.9	0.0	1.9	0.9
9	14.8	25.1	19.8	81.2	18.427	16.2	0.0	0.0	0.0	5.6
10	16.1	25.2	21.3	78.6	19.898	17.4	0.0	0.0	0.0	6.1
11	17.1	25.0	20.8	79.7	19.657	17.3	0.0	0.0	0.0	4.5
12	17.1	23.4	20.1	92.1	21.592	18.7	0.2	0.0	0.2	0.4
13	17.0	25.0	20.8	82.4	19.984	17.5	0.0	0.0	0.0	4.0
14	17.1	23.3	19.9	78.7	18.301	16.1	0.0	0.0	0.0	1.9
15	16.0	27.7	21.9	75.0	19.734	17.3	0.0	0.0	0.0	6.9
16	16.3	23.8	20.3	85.2	20.228	17.7	0.0	0.0	0.0	0.3
17	17.1	23.0	18.7	66.5	18.747	16.5	0.3	0.0	0.3	0.9
18	15.8	25.4	21.0	80.3	19.288	16.9	0.0	0.0	0.0	6.7
19	17.1	24.0	21.0	82.6	20.358	17.8	0.0	0.0	0.0	1.5
20	17.1	26.0	21.3	80.9	20.268	17.7	0.0	0.0	0.0	4.6
21	17.3	22.4	19.0	90.0	20.093	17.6	0.4	0.0	0.4	0.0
22	15.0	24.4	20.3	76.3	17.959	15.8	0.0	4.6	4.6	5.3
23	15.3	18.0	16.3	97.2	18.130	16.0	12.5	0.0	12.5	0.2
24	14.8	20.6	17.9	89.3	18.205	16.0	0.0	0.0	0.0	0.9
25	15.6	25.1	20.3	79.8	18.737	16.5	0.0	2.8	2.8	6.8
26	15.6	23.6	19.2	84.2	18.594	16.3	0.0	7.5	7.5	2.5
27	15.0	22.3	18.9	84.3	18.242	16.0	0.0	20.2	20.2	3.5
28	15.0	21.2	17.5	88.3	17.870	15.7	7.3	0.0	7.3	0.9
29	14.8	23.0	18.0	82.6	18.581	16.9	3.0	11.8	14.8	2.6
30	15.0	22.0	18.5	87.6	18.449	16.2	0.0	2.5	2.5	3.4
PROM.	15.8	23.6	19.4	83.9	18.826	16.5	63.4	66.9	130.3	96.0

ESTACION: HERACLIO URIBE MUNICIPIO: SEVILLA AÑO: 1.977

ALTITUD: 1.540 LATITUD: 4-16 N. LONGITUD: 75-55 W.

M E S – MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.6	23.6	18.8	88.8	18.962	16.6	0.0	1.5	1.5	1.5
2	15.6	24.6	19.5	83.3	18.893	16.6	0.0	0.0	0.0	4.9
3	16.3	24.6	20.2	82.2	19.412	17.0	0.0	19.2	19.2	6.4
4	15.3	21.3	18.1	82.5	17.129	15.0	4.1	22.4	26.5	7.0
5	14.6	20.0	17.0	92.3	17.887	15.7	8.7	0.0	8.7	0.0
6	15.0	23.0	19.2	83.3	18.506	16.3	0.0	0.0	0.0	2.6
7	16.0	23.3	19.8	86.2	19.618	17.2	0.4	1.7	2.1	5.4
8	16.3	22.6	19.4	81.1	18.125	15.9	0.0	0.0	0.0	3.3
9	16.3	22.2	19.2	88.0	19.490	17.1	0.0	0.0	0.0	1.8
10	16.8	23.0	19.2	86.8	19.604	17.2	0.0	0.3	0.3	2.0
11	16.1	23.2	19.1	86.0	19.078	16.8	0.0	1.0	1.0	3.3
12	16.8	24.3	20.4	83.0	19.641	17.2	0.0	0.0	0.0	5.5
13	17.0	23.1	20.0	86.3	20.359	17.8	0.0	0.0	0.0	1.2
14	16.4	22.0	17.8	92.7	19.395	17.0	10.5	0.4	10.9	0.2
15	15.4	22.0	17.2	90.8	18.194	16.0	2.2	0.5	2.7	1.5
16	15.3	22.4	18.3	89.4	18.782	16.5	1.3	0.0	1.3	7.6
17	16.0	24.3	19.0	86.7	19.354	17.0	0.0	0.0	0.0	4.1
18	15.6	24.6	20.0	83.9	19.499	17.1	0.0	0.0	0.0	2.4
19	16.3	24.6	20.7	80.7	19.908	17.4	0.0	1.1	1.1	4.7
20	17.0	21.2	18.9	91.1	19.927	17.4	0.0	0.0	0.0	0.1
21	16.0	21.2	18.7	92.2	19.875	17.4	0.0	0.0	0.0	0.8
22	16.3	21.0	18.7	90.4	19.660	17.2	0.0	0.0	0.0	1.5
23	15.6	21.0	17.7	87.0	17.896	15.7	5.6	0.9	6.5	0.2
24	15.1	22.0	18.7	80.7	17.517	15.3	0.0	0.0	0.0	3.0
25	15.6	21.3	18.0	85.3	17.969	15.8	7.1	0.0	7.1	0.0
26	15.0	23.5	19.3	79.0	17.607	15.5	0.0	2.6	2.6	6.1
27	15.6	22.4	18.0	86.5	18.134	15.9	8.5	0.0	8.5	0.6
28	15.6	21.6	18.3	82.3	17.274	15.2	0.0	0.0	0.0	1.9
29	15.4	20.1	17.8	91.0	18.978	16.5	0.0	0.0	0.0	0.8
30	15.6	23.5	19.4	82.6	18.661	16.4	0.0	0.0	0.0	3.9
31	16.4	22.0	18.3	90.2	19.361	17.0	0.4	0.0	0.4	1.2
PROM.	15.8	22.6	18.9	86.2	18.861	16.5	48.8	51.6	100.4	85.5

M E S – JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	23.4	17.2	91.1	18.404	16.2	25.5	12.0	37.5	3.6
2	14.0	21.2	17.5	89.7	18.077	15.9	0.5	0.1	0.6	1.4
3	14.6	23.4	18.7	84.8	18.214	16.0	0.0	0.0	0.0	4.6
4	15.3	22.0	18.2	86.8	18.078	15.9	0.0	0.0	0.0	2.9
5	15.4	23.3	17.9	88.5	18.310	16.1	0.0	0.0	0.0	3.4
6	15.3	23.1	18.5	83.9	18.105	15.9	0.0	33.9	33.9	0.8
7	14.8	22.0	17.1	91.4	18.117	15.9	4.0	13.4	17.4	1.4
8	14.0	22.1	18.1	86.4	17.729	15.6	0.0	0.0	0.0	4.8
9	15.4	21.2	16.4	84.2	17.804	15.7	0.0	0.0	0.0	4.2
10	14.8	22.4	17.0	87.5	17.358	15.2	1.4	0.0	1.4	3.7
11	14.0	22.6	17.9	83.4	16.962	14.9	1.2	4.9	6.1	5.5
12	14.7	20.0	16.4	93.0	17.403	15.3	13.7	0.0	13.7	1.1
13	14.4	20.6	16.9	90.4	17.726	15.6	4.0	2.0	6.0	1.7
14	14.4	23.4	18.5	83.5	17.535	15.4	0.0	0.0	0.0	4.8
15	15.0	24.5	20.0	83.7	19.387	17.0	0.0	0.0	0.0	7.7
16	15.4	23.6	19.3	77.9	17.146	15.0	0.0	0.0	0.0	6.3
17	16.0	24.6	20.2	82.6	19.278	16.9	0.0	0.0	0.0	6.6
18	15.5	24.3	19.6	78.9	17.812	15.6	0.0	0.0	0.0	5.5
19	16.5	24.6	20.0	81.3	19.185	16.8	0.0	0.0	0.0	4.5
20	15.0	23.0	18.0	86.4	18.047	15.9	0.0	0.1	0.1	2.3
21	15.0	21.3	16.9	90.9	17.433	15.3	7.8	0.0	7.8	2.0
22	14.6	25.0	19.7	85.5	19.854	17.4	0.0	0.0	0.0	7.1
23	15.4	25.0	20.7	84.4	20.526	17.9	0.0	0.0	0.0	7.4
24	16.5	26.0	20.7	82.6	19.984	17.5	0.0	0.0	0.0	5.6
25	17.0	26.0	20.4	86.3	20.640	18.0	0.0	0.0	0.0	5.6
26	16.5	25.2	20.3	84.1	19.869	17.4	0.0	0.0	0.0	6.3
27	15.8	26.4	20.8	80.1	19.625	17.2	0.0	0.0	0.0	9.2
28	15.5	25.0	20.2	79.9	18.958	16.7	1.2	0.0	1.2	3.1
29	16.3	24.0	18.4	86.0	18.442	16.2	10.0	0.0	10.0	3.3
30	16.0	22.6	17.7	89.8	18.480	16.3	15.8	3.7	19.5	2.7
PROM.	15.3	23.4	18.7	85.5	18.483	16.2	85.1	70.1	155.2	129.3

ESTACION: HERACLIO URIBE MUNICIPIO: SEVILLA AÑO: 1.977

ALTITUD: 1.540 LATITUD: 4-16 N. LONGITUD: 75-55 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	24.1	18.9	80.3	17.364	15.3	0.1	0.0	0.1	7.2
2	15.8	25.0	21.3	78.7	19.222	16.9	0.0	0.0	0.0	4.0
3	17.0	26.2	20.6	80.9	19.482	17.1	0.0	0.0	0.0	5.4
4	17.0	25.0	20.0	81.9	19.307	16.9	0.0	0.0	0.0	6.5
5	15.4	24.8	18.7	89.7	19.534	17.1	0.8	8.3	9.1	3.0
6	15.6	23.0	18.6	90.3	19.542	17.1	0.9	13.5	14.4	2.5
7	15.7	22.1	18.2	91.6	19.037	16.7	0.0	0.0	0.0	2.6
8	15.7	23.6	19.7	86.1	19.424	17.1	0.0	0.0	0.0	2.9
9	15.4	24.1	18.3	87.1	18.662	16.4	7.4	0.1	7.5	3.4
10	16.0	24.0	20.0	86.8	20.122	17.6	0.0	0.0	0.0	5.3
11	15.1	25.8	21.7	69.2	17.291	15.1	0.0	0.0	0.0	9.6
12	16.0	23.4	18.9	88.8	19.463	17.1	0.0	0.0	0.0	0.8
13	15.0	25.7	19.8	82.5	19.267	16.9	0.0	0.0	0.0	7.3
14	16.7	24.5	19.9	88.3	20.436	17.9	0.2	0.0	0.2	3.6
15	16.0	23.0	19.0	83.2	18.186	15.9	0.0	0.5	0.5	3.2
16	15.3	25.0	21.1	81.4	19.261	16.9	0.0	0.0	0.0	5.1
17	15.8	26.0	22.3	73.1	17.639	15.5	0.0	0.0	0.0	5.6
18	15.5	27.0	20.7	77.7	18.781	16.5	0.0	0.0	0.0	8.4
19	15.8	26.2	20.4	78.4	18.563	16.3	0.0	0.0	0.0	4.8
20	15.3	25.0	20.1	80.0	18.290	16.1	0.0	0.0	0.0	4.5
21	15.8	27.0	20.8	80.0	19.315	16.9	0.0	0.0	0.0	7.5
22	15.3	27.1	21.6	77.0	19.255	16.9	0.0	0.0	0.0	8.1
23	15.4	27.1	20.2	84.5	19.824	17.4	12.1	0.0	12.1	7.0
24	17.1	25.0	20.2	77.7	18.471	16.1	0.0	0.0	0.0	4.8
25	16.6	25.0	19.8	88.4	20.539	17.9	0.2	0.0	0.2	2.3
26	15.6	23.0	18.6	90.2	19.671	17.2	2.7	55.0	57.7	1.2
27	15.0	21.0	17.5	89.2	17.860	15.7	39.8	0.0	39.8	2.6
28	14.4	27.0	20.9	65.4	15.556	13.6	0.0	0.0	0.0	8.3
29	15.4	28.0	21.7	68.3	17.445	15.4	0.0	0.0	0.0	9.7
30	16.1	26.1	21.1	81.4	20.042	17.5	0.0	0.0	0.0	7.5
31	15.8	25.0	18.4	86.7	18.397	16.2	8.7	1.7	10.4	3.9
PROM.	15.7	25.0	20.0	82.1	18.879	16.6	72.9	79.1	152.0	158.6

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	22.3	19.1	83.5	18.235	16.0	0.0	0.1	0.1	3.0
2	16.4	26.3	21.2	79.0	19.682	17.2	0.0	0.0	0.0	8.0
3	16.0	24.1	19.8	84.3	19.471	17.1	0.0	0.0	0.0	4.4
4	16.7	25.0	19.7	85.3	19.514	17.1	0.0	0.0	0.0	4.0
5	16.1	25.0	18.9	91.9	20.203	17.7	0.1	0.0	0.1	2.8
6	16.1	24.1	19.0	84.2	18.789	16.5	0.0	0.6	0.6	3.7
7	15.3	22.3	18.1	91.6	19.107	16.8	1.6	48.1	49.7	3.9
8	14.5	23.0	18.8	86.5	18.588	16.3	0.0	13.4	13.4	3.7
9	15.4	23.5	18.4	85.8	18.289	16.1	1.1	0.0	1.1	4.4
10	15.5	24.0	20.4	83.1	19.996	17.5	0.0	0.0	0.0	5.3
11	16.8	25.1	20.4	80.1	18.917	16.5	0.0	0.0	0.0	7.7
12	15.8	25.1	18.3	83.9	17.976	15.8	0.9	27.1	28.0	3.5
13	14.8	25.0	19.9	82.4	18.359	16.1	0.0	41.1	41.1	6.1
14	14.8	23.0	19.0	82.3	17.650	15.5	0.1	0.2	0.3	5.4
15	15.6	23.3	19.4	83.5	18.764	16.5	0.0	5.0	5.0	2.9
16	16.8	23.0	19.2	86.2	19.146	16.8	0.2	0.0	0.2	3.8
17	15.6	25.0	20.5	79.8	18.996	16.7	0.0	0.0	0.0	7.8
18	15.4	25.0	19.5	83.0	18.738	16.5	0.0	0.0	0.0	6.2
19	15.6	25.0	19.5	82.2	18.375	16.2	0.3	7.4	7.7	4.3
20	14.5	23.3	18.1	88.0	18.344	16.1	0.8	10.2	11.0	2.5
21	14.8	22.8	18.7	86.3	18.231	16.0	0.4	0.0	0.4	2.7
22	16.3	25.3	20.6	76.2	18.400	16.2	0.0	0.0	0.0	5.7
23	16.3	26.3	20.6	81.0	19.425	17.0	0.0	0.0	0.0	8.3
24	16.0	26.1	21.1	79.1	19.623	17.2	0.0	0.0	0.0	7.1
25	15.4	26.0	20.7	77.6	18.464	16.2	0.0	0.0	0.0	7.1
26	15.8	25.0	19.6	81.1	18.810	16.5	0.0	0.0	0.0	3.8
27	15.4	24.3	20.0	84.3	19.528	17.1	0.0	0.0	0.0	5.5
28	15.5	26.5	20.7	69.5	17.030	14.5	0.0	0.0	0.0	5.3
29	15.4	27.0	21.1	78.8	19.224	16.9	0.0	0.0	0.0	6.4
30	16.0	25.1	20.4	84.2	20.101	17.6	0.0	0.0	0.0	5.0
31	17.0	24.5	19.9	83.5	19.336	17.0	0.0	0.0	0.0	3.6
PROM.	15.7	24.6	19.7	82.8	18.881	16.6	5.5	153.2	158.7	153.9

ESTACION: HERACLIO URIBE MUNICIPIO: SEVILLA AÑO: 1.977

ALTITUD: 1.540 LATITUD: 4-16 N. LONGITUD: 75-55 W.

M E S – SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	25.0	20.1	83.7	19.454	17.1	0.0	0.0	0.0	6.8
2	16.0	26.0	20.0	71.6	16.435	14.4	0.0	0.0	0.0	5.8
3	16.0	26.0	19.8	84.9	19.512	17.1	0.0	0.3	0.3	3.5
4	16.4	27.0	20.4	79.4	18.818	16.5	0.0	0.1	0.1	6.8
5	17.0	25.0	21.0	78.5	19.233	16.9	0.0	0.0	0.0	4.5
6	16.0	27.3	21.2	67.6	16.604	14.2	0.0	0.0	0.0	5.9
7	16.0	29.0	23.2	57.7	15.601	13.0	0.0	0.0	0.0	8.9
8	16.8	25.1	20.8	73.5	17.997	15.8	0.0	0.0	0.0	1.9
9	17.1	27.0	22.4	75.3	19.377	17.0	0.0	0.0	0.0	4.7
10	17.1	25.0	21.0	78.2	19.404	16.9	0.0	0.0	0.0	1.3
11	17.4	25.5	22.3	76.5	19.541	17.1	0.0	0.0	0.0	5.2
12	15.5	24.0	18.3	88.1	19.093	16.7	15.4	0.1	15.5	1.4
13	15.4	23.6	18.5	88.7	19.193	16.8	2.6	0.2	2.8	2.2
14	15.3	20.0	17.2	92.9	18.458	16.2	0.6	0.0	0.6	0.0
15	13.8	25.0	19.1	80.3	17.661	15.5	0.6	0.1	0.7	3.5
16	15.5	26.0	20.9	79.6	19.355	17.0	0.0	0.0	0.0	6.8
17	17.3	26.0	20.8	77.5	18.963	16.6	0.0	0.3	0.3	4.4
18	15.3	26.0	20.2	85.5	20.527	17.8	0.0	89.5	89.5	4.1
19	15.3	25.0	19.9	83.0	19.042	16.7	0.0	13.0	13.0	5.5
20	15.4	23.5	18.9	83.6	18.130	15.9	3.6	11.2	14.8	3.5
21	16.0	22.0	18.1	91.5	19.183	16.9	1.2	5.5	6.7	0.1
22	14.8	23.0	18.1	85.4	17.841	15.7	0.5	0.0	0.5	1.6
23	15.8	25.0	20.1	81.7	18.893	16.5	0.0	9.2	9.2	4.3
24	15.8	24.5	19.0	85.3	18.943	16.6	1.9	2.7	4.6	1.7
25	15.4	23.0	18.5	88.3	18.926	16.6	0.6	31.8	32.4	2.1
26	15.3	20.4	17.3	90.8	17.920	15.8	2.0	12.7	14.7	0.0
27	15.0	18.0	15.9	98.1	17.927	15.8	20.5	0.4	20.9	0.0
28	14.5	20.1	16.3	93.9	17.393	15.2	0.0	0.0	0.0	1.8
29	14.2	20.4	16.7	93.1	17.968	15.8	6.0	0.0	6.0	0.5
30	14.0	23.0	17.9	82.8	16.926	14.9	0.0	1.5	1.5	3.7
PROM.	15.7	24.2	19.5	82.6	18.477	16.2	55.5	178.6	234.1	101.5

M E S – OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	22.6	17.9	89.3	18.630	16.4	21.5	0.3	21.8	3.0
2	14.7	23.3	18.4	85.6	18.044	15.8	0.4	0.0	0.4	6.3
3	15.3	26.0	20.1	79.5	18.775	16.5	0.0	60.5	60.5	6.6
4	15.6	25.0	18.7	87.5	19.187	16.8	11.9	0.0	11.9	4.4
5	16.4	24.0	18.9	83.6	18.314	16.1	0.2	0.0	0.2	3.4
6	16.3	23.0	19.5	88.5	20.200	17.7	0.0	0.3	0.3	1.3
7	16.8	20.5	18.0	91.0	18.751	16.5	4.0	0.0	4.0	0.2
8	15.5	24.0	18.4	89.3	18.997	16.7	0.3	9.7	10.0	4.0
9	16.0	21.2	18.3	89.1	18.723	16.4	15.5	0.0	15.5	1.5
10	15.4	21.5	18.1	89.9	18.753	16.5	0.0	0.7	0.7	0.2
11	15.4	23.0	18.5	90.8	19.621	17.2	1.2	0.0	1.2	2.7
12	16.0	22.0	18.5	89.8	19.163	16.8	0.0	0.0	0.0	0.8
13	16.4	23.0	18.7	91.9	20.107	17.6	0.0	0.0	0.0	1.9
14	16.0	24.0	19.0	87.1	19.469	17.0	5.2	8.6	13.8	2.9
15	16.3	24.4	20.3	80.8	18.981	16.7	2.5	6.0	8.5	2.6
16	17.0	25.7	20.9	80.8	19.918	17.4	0.0	0.0	0.0	3.8
17	17.1	23.0	18.7	91.6	20.105	17.6	26.5	1.5	28.0	1.7
18	15.0	23.4	19.2	85.6	18.969	16.6	0.0	0.0	0.0	3.9
19	16.3	26.0	20.7	84.0	20.447	17.9	0.0	19.4	19.4	3.7
20	16.0	24.0	19.8	86.7	20.028	17.5	0.0	0.0	0.0	2.9
21	17.5	26.0	21.3	82.6	20.661	18.0	0.0	13.2	13.2	6.7
22	17.6	24.0	19.8	90.3	20.796	18.1	0.5	0.0	0.5	4.3
23	16.6	24.3	18.4	86.6	18.997	16.6	5.8	24.2	30.0	3.3
24	15.6	22.0	18.6	92.1	19.779	17.3	0.6	0.0	0.6	0.8
25	15.6	25.0	19.4	88.5	20.054	17.5	0.0	4.5	4.5	1.5
26	16.5	20.0	17.5	93.5	18.965	16.7	0.4	0.0	0.4	0.0
27	16.6	23.6	18.5	85.7	18.257	16.0	0.9	0.0	0.9	0.9
28	16.5	22.4	18.6	84.4	18.430	16.2	12.4	3.5	15.9	2.5
29	14.0	22.0	18.0	86.3	17.732	15.5	0.0	0.0	0.0	2.0
30	16.4	21.0	18.2	93.2	19.694	17.2	7.7	0.0	7.7	1.5
31	14.8	23.0	19.1	83.9	18.364	16.1	0.0	0.0	0.0	4.4
PROM.	16.0	23.3	19.0	87.4	19.255	16.9	117.5	152.4	269.9	85.3

ESTACION: HERACLIO URIBE MUNICIPIO: SEVILLA AÑO: 1.977

ALTITUD: 1.540 LATITUD: 4-16 N. LONGITUD: 75-55 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	23.3	18.7	92.3	20.131	17.6	4.1	0.7	4.8	1.5
2	17.0	23.4	19.5	89.9	20.993	18.2	3.7	4.8	8.5	3.8
3	16.0	24.0	18.8	86.6	19.338	16.9	21.7	2.1	23.8	2.9
4	16.0	20.4	17.6	94.4	19.364	17.0	19.9	4.0	23.9	0.4
5	14.5	23.0	17.8	85.6	17.723	15.6	3.9	0.3	4.2	2.8
6	15.4	23.0	18.6	82.1	17.470	15.4	1.0	8.4	9.4	2.0
7	15.8	22.0	17.7	87.4	18.020	15.9	40.0	6.0	46.0	1.5
8	14.4	23.1	18.3	84.1	17.464	15.3	0.0	0.1	0.1	4.2
9	15.8	25.0	19.7	84.3	19.531	17.1	0.0	2.3	2.3	3.3
10	15.9	20.0	17.9	88.9	18.328	16.1	6.1	0.0	6.1	0.0
11	15.5	22.0	17.6	87.0	17.716	15.6	6.0	1.6	7.6	0.9
12	15.0	21.0	17.8	87.7	18.078	15.9	0.9	0.0	0.9	1.5
13	14.6	20.0	16.9	91.4	17.679	15.6	1.1	5.8	6.9	0.0
14	14.0	23.0	17.5	84.2	17.049	15.0	0.0	0.0	0.0	1.7
15	14.0	23.0	17.8	85.3	17.437	15.3	0.0	0.0	0.0	3.3
16	14.6	23.5	19.1	77.1	16.914	14.8	0.0	0.0	0.0	4.5
17	14.8	22.0	18.7	85.0	18.495	16.3	0.0	1.3	1.3	0.9
18	15.8	20.0	17.8	91.4	18.805	16.5	2.5	0.0	2.5	0.0
19	14.8	24.1	18.6	83.2	17.755	15.6	7.8	0.6	8.4	3.7
20	16.0	25.0	19.3	79.6	17.859	15.7	8.1	3.6	11.7	5.5
21	16.4	25.0	19.4	79.6	18.057	15.9	0.0	0.0	0.0	6.0
22	16.0	25.0	19.0	83.3	18.563	16.3	0.0	0.0	0.0	5.0
23	16.0	24.0	19.5	84.6	19.039	16.7	1.6	0.0	1.6	3.0
24	16.0	25.0	20.1	78.2	18.101	15.9	0.0	0.0	0.0	4.3
25	16.0	24.8	19.9	79.6	18.388	16.2	0.0	2.7	2.7	1.4
26	16.6	22.0	18.7	90.0	19.628	17.2	4.3	0.3	4.6	0.6
27	16.0	24.0	19.6	84.3	19.084	16.8	0.0	0.0	0.0	2.9
28	16.0	24.0	20.0	81.4	18.756	16.5	0.0	0.0	0.0	2.7
29	16.0	25.0	20.7	77.9	18.911	16.6	0.0	0.0	0.0	5.4
30	16.0	25.5	20.2	72.2	16.878	14.7	0.0	0.0	0.0	5.5
PROM.	15.6	23.2	18.8	84.6	18.385	16.1	132.7	44.6	177.3	81.2

M E S - DICIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.0	19.8	89.7	16.539	14.4	0.0	0.0	0.0	5.6
2	15.0	24.0	19.1	87.0	19.388	17.0	2.6	14.7	17.3	2.8
3	15.0	23.0	18.4	85.0	18.084	15.9	0.0	0.0	0.0	2.1
4	15.0	25.0	20.1	79.1	18.746	16.5	0.0	0.0	0.0	2.5
5	15.6	25.0	19.8	81.4	18.769	16.5	0.0	0.0	0.0	3.7
6	16.4	24.5	19.2	83.3	18.839	16.5	0.2	0.0	0.2	2.4
7	15.0	23.0	18.7	88.7	18.966	16.7	7.1	0.0	7.1	0.8
8	15.4	24.5	19.5	85.3	19.252	16.9	0.0	0.0	0.0	3.4
9	15.3	25.0	19.4	83.3	18.919	16.6	0.0	2.4	2.4	2.6
10	15.8	25.0	19.3	85.9	19.465	17.0	0.3	0.0	0.3	4.6
11	14.4	23.7	19.3	87.5	19.580	17.1	0.0	0.0	0.0	4.2
12	16.0	23.5	19.0	83.5	18.371	16.2	0.0	0.3	0.3	1.9
13	14.5	21.5	17.9	87.2	17.987	15.8	0.0	0.0	0.0	0.9
14	14.5	24.4	19.5	79.9	18.313	16.1	0.0	0.0	0.0	7.2
15	15.3	24.0	19.5	83.8	18.940	16.6	0.0	0.0	0.0	0.8
16	15.5	22.0	18.7	85.6	18.562	16.3	0.0	0.0	0.0	0.2
17	15.0	24.5	19.5	78.7	17.536	15.4	0.0	0.0	0.0	3.1
18	15.5	25.0	19.3	81.0	18.149	16.0	0.0	0.0	0.0	3.6
19	15.8	23.0	18.5	86.2	18.460	16.2	0.4	0.0	0.4	1.5
20	16.4	26.0	20.0	77.4	18.232	16.0	0.0	0.0	0.0	7.4
21	16.0	25.1	19.9	78.1	17.912	15.7	0.0	0.0	0.0	5.6
22	16.0	26.0	20.7	76.7	18.672	16.4	0.0	0.0	0.0	3.5
23	16.1	25.4	20.7	80.1	19.446	17.0	0.0	0.0	0.0	4.5
24	16.5	25.0	19.6	83.9	19.325	16.9	17.1	0.0	17.1	2.9
25	16.0	23.6	19.4	86.0	19.310	17.0	0.0	0.0	0.0	2.4
26	16.3	24.0	19.5	79.5	17.954	15.8	0.0	0.0	0.0	2.3
27	17.0	23.2	18.9	85.5	18.780	16.5	0.0	30.4	30.4	0.3
28	14.8	24.0	18.4	87.1	18.123	15.9	0.0	18.2	18.2	2.4
29	15.6	21.5	18.0	87.5	17.958	15.8	23.8	0.0	23.8	0.0
30	15.0	25.0	19.0	78.2	16.955	14.9	0.0	0.0	0.0	5.5
31	15.0	23.4	19.2	78.9	17.311	15.2	0.0	0.8	0.8	2.6
PROM.	15.5	24.1	19.3	82.6	18.479	16.2	51.5	66.8	118.3	93.7

ESTACION: HERACLIO URIBE MUNICIPIO SEVILLA AÑO: 1.977

ALTITUD: 1.540 LATITUD: 4-16 N. LONGITUD: 75-55 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.0	25.8	19.8	13.3	28.1	82.6	18.907	16.6	30.3	7	130.9
FEBRERO	15.6	25.0	19.7	14.0	27.5	81.8	18.587	16.3	29.1	10	103.6
MARZO	16.0	25.7	20.3	14.6	30.0	79.8	18.655	16.4	144.9	13	120.4
ABRIL	15.8	23.6	19.4	14.0	27.7	83.9	18.826	16.5	130.3	15	96.0
MAYO	15.8	22.6	18.9	14.6	24.6	86.2	18.861	16.5	100.4	16	85.5
JUNIO	15.3	23.4	18.7	14.0	26.4	85.5	18.463	16.2	155.2	13	129.3
JULIO	15.7	25.0	20.0	14.4	28.6	82.1	18.879	16.6	152.0	11	158.6
AGOSTO	15.7	24.6	19.7	14.5	27.0	82.8	18.881	16.6	158.7	14	153.9
SEPTIEMBRE	15.7	24.2	19.5	13.8	29.0	82.6	18.477	16.2	234.1	19	101.5
OCTUBRE	16.0	23.3	19.0	14.0	26.0	87.4	19.255	16.9	269.9	24	85.3
NOVIEMBRE	15.6	23.2	18.8	14.0	25.5	84.6	18.385	16.1	177.3	20	81.2
DICIEMBRE	15.5	24.1	19.3	14.4	26.0	82.6	18.479	16.2	118.3	12	93.7
PROMEDIO	15.6	24.2	19.4	14.1	27.2	0.2	18.723	16.4			
TOTAL									1700.5	174	1339.9

ESTACION: MANUEL MALLARINO MUNICIPIO: TRUJILLO AÑO: 1.977

ALTITUD: 1.380 LATITUD: 4-10 N. LONGITUD: 76-21 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.1	26.4	21.6	81.0	20.834	18.2	0.0	0.0	0.0	5.0
2	17.1	29.3	22.2	76.5	20.185	17.6	0.0	0.0	0.0	6.6
3	17.8	25.5	20.2	72.3	17.076	14.9	0.0	0.0	0.0	7.7
4	14.6	26.5	20.3	70.4	16.502	14.5	0.0	0.0	0.0	8.7
5	14.8	26.2	20.7	67.1	15.807	13.8	0.0	0.0	0.0	10.1
6	14.6	26.5	20.4	69.4	16.235	14.2	0.0	0.0	0.0	9.2
7	15.0	25.6	20.1	70.6	16.237	14.2	0.0	0.0	0.0	7.6
8	14.8	26.9	20.4	70.1	16.482	14.4	0.0	0.0	0.0	9.4
9	15.2	26.3	19.8	71.2	16.153	14.1	0.0	0.0	0.0	7.0
10	16.0	26.5	20.5	73.9	17.541	15.5	0.0	0.0	0.0	6.8
11	15.4	27.0	21.1	69.6	16.992	15.0	0.0	0.0	0.0	8.2
12	16.4	27.1	21.2	67.1	16.270	14.2	0.0	0.0	0.0	7.9
13	16.0	28.5	21.4	74.3	18.403	16.2	0.0	0.0	0.0	5.8
14	17.0	27.0	20.5	72.4	17.201	15.1	0.0	0.0	0.0	6.0
15	17.0	28.0	21.1	71.0	17.222	15.1	0.0	0.0	0.0	6.9
16	16.3	26.1	19.3	70.0	16.411	14.1	0.0	0.0	0.0	5.2
17	15.6	28.0	21.6	70.0	17.369	15.3	0.0	0.0	0.0	6.3
18	16.2	27.1	21.2	69.0	17.188	15.1	0.0	0.0	0.0	4.9
19	17.2	27.0	21.5	73.1	18.397	16.2	0.0	0.0	0.0	2.5
20	17.6	29.0	22.3	65.7	17.070	14.9	0.0	0.0	0.0	8.9
21	16.6	30.0	23.3	67.7	18.289	16.1	0.0	0.0	0.0	8.5
22	17.6	29.1	22.6	68.0	18.079	15.9	0.0	1.9	1.9	7.9
23	16.2	22.0	19.7	90.4	20.980	18.3	12.3	0.0	12.3	0.1
24	17.0	25.5	20.9	68.7	16.453	14.3	0.0	0.0	0.0	4.0
25	17.2	26.3	21.0	73.8	18.021	15.9	0.0	0.0	0.0	4.4
26	17.0	26.0	19.9	80.7	18.673	16.4	1.2	0.8	2.0	4.8
27	16.3	27.0	21.3	70.8	17.484	15.4	0.0	0.0	0.0	7.7
28	16.4	27.0	21.3	72.3	17.772	15.6	0.0	0.0	0.0	5.9
29	17.6	27.1	21.5	69.5	17.568	15.5	0.0	0.3	0.3	6.9
30	17.2	26.9	21.7	74.9	18.860	16.5	0.0	1.3	1.3	5.2
31	16.0	25.7	20.7	70.9	16.711	14.6	0.1	0.0	0.1	5.1
PROM.	16.3	26.9	21.0	72.0	17.563	15.4	13.6	4.3	17.9	201.2

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	27.1	20.8	70.3	16.938	14.9	0.0	0.0	0.0	3.2
2	17.1	28.0	21.6	70.0	17.461	15.3	0.0	0.0	0.0	6.2
3	16.5	28.2	22.1	69.4	17.932	15.8	0.0	0.0	0.0	7.5
4	17.3	27.1	21.9	68.1	17.320	15.2	0.0	0.0	0.0	8.8
5	16.6	27.1	21.0	70.1	16.903	14.9	0.0	0.0	0.0	8.7
6	15.8	27.2	21.0	68.7	16.509	14.5	0.0	0.0	0.0	6.0
7	16.0	26.0	20.2	81.5	19.176	16.8	1.0	0.0	1.0	0.0
8	16.5	29.3	22.0	65.8	16.768	14.7	0.0	0.0	0.0	9.3
9	17.3	26.2	21.5	74.6	19.065	16.7	0.0	0.0	0.0	0.9
10	16.8	29.0	22.6	66.9	17.369	15.3	0.0	0.0	0.0	9.4
11	17.3	28.0	21.6	72.9	18.213	16.0	6.1	9.2	15.3	5.6
12	16.8	23.4	19.4	80.2	18.093	15.9	6.2	0.0	6.2	1.0
13	16.3	26.2	20.8	71.2	16.974	14.9	0.0	0.0	0.0	5.3
14	16.0	26.0	21.2	69.9	17.310	15.2	0.0	0.0	0.0	7.9
15	16.8	26.9	20.8	76.7	18.564	16.4	0.0	0.0	0.0	5.3
16	16.8	25.3	20.0	78.3	18.044	15.8	0.0	4.4	4.4	0.9
17	16.6	26.0	19.9	79.6	18.342	16.2	0.0	0.0	0.0	2.3
18	15.6	27.1	20.2	73.3	16.992	15.0	11.5	0.2	11.7	3.3
19	16.8	22.0	18.5	85.8	18.219	16.0	0.0	0.0	0.0	6.3
20	14.6	23.3	18.4	85.1	17.989	15.8	0.0	0.7	0.7	2.8
21	15.4	23.6	18.4	76.3	15.944	13.9	10.4	0.0	10.4	2.0
22	15.0	26.0	20.2	71.2	16.213	14.2	0.0	0.0	0.0	8.5
23	14.8	27.0	20.4	73.1	17.002	14.9	0.0	0.0	0.0	9.1
24	15.6	26.0	20.2	76.9	18.108	15.9	0.0	0.0	0.0	3.4
25	16.4	24.4	19.3	79.2	17.607	15.4	0.0	0.0	0.0	3.1
26	15.6	25.0	20.9	73.6	17.441	15.3	0.0	0.0	0.0	6.1
27	15.1	24.9	19.1	77.4	16.939	14.9	0.0	0.0	0.0	5.4
28	15.6	29.0	22.7	66.7	17.582	15.4	0.0	0.0	0.0	7.6
PROM.	16.2	26.3	20.6	74.0	17.536	15.4	35.2	14.5	49.7	145.9

ESTACION: MANUEL MALLARINO MUNICIPIO: TRUJILLO AÑO: 1.977

ALTITUD: 1.380 LATITUD: 4-10 N. LONGITUD: 76-21 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.6	26.5	21.6	72.8	18.612	16.4	0.0	0.0	0.0	1.1
2	16.9	29.3	22.1	73.0	18.915	16.6	0.0	0.0	0.0	9.8
3	16.8	29.5	22.4	66.9	17.396	15.2	0.0	0.0	0.0	4.1
4	17.0	30.0	22.6	69.4	18.174	15.9	0.0	0.0	0.0	8.1
5	17.0	29.0	22.3	70.3	18.434	16.2	0.0	0.0	0.0	7.5
6	17.0	28.1	22.2	71.3	18.531	16.3	0.0	0.0	0.0	5.0
7	17.0	31.0	23.3	64.3	17.114	14.9	0.0	0.0	0.0	9.4
8	17.3	30.0	22.7	65.4	17.659	15.5	0.0	0.0	0.0	6.6
9	17.6	29.1	23.5	64.3	18.143	15.9	0.0	0.0	0.0	4.8
10	19.2	31.0	23.9	69.4	19.814	17.3	0.0	0.0	0.0	8.3
11	18.3	28.5	23.1	68.5	18.753	16.5	0.0	0.0	0.0	6.4
12	17.4	29.0	21.6	69.9	17.808	15.6	1.9	0.8	2.7	7.9
13	16.4	28.0	20.9	78.3	18.950	16.6	0.0	0.0	0.0	6.4
14	16.6	26.8	21.2	67.1	16.288	14.2	0.0	0.0	0.0	7.8
15	17.0	26.0	21.5	72.1	18.093	15.9	0.0	0.0	0.0	3.5
16	17.6	25.1	20.7	76.8	18.661	16.4	0.0	0.0	0.0	0.4
17	17.4	26.0	21.2	74.3	18.570	16.3	0.0	0.0	0.0	2.6
18	16.4	27.0	21.3	72.1	17.682	15.7	0.0	0.3	0.3	3.4
19	16.3	25.5	20.6	76.0	18.124	16.0	0.0	0.0	0.0	4.5
20	16.6	26.5	20.7	76.9	18.365	16.1	0.0	0.0	0.0	5.9
21	16.2	27.6	22.1	74.5	19.364	17.0	0.2	0.0	0.2	5.8
22	18.0	25.6	20.6	77.5	18.755	16.5	0.0	0.0	0.0	0.5
23	17.0	24.6	19.8	81.0	18.845	16.6	1.5	1.5	3.0	3.1
24	17.0	26.0	20.8	74.2	17.933	15.8	0.0	20.7	20.7	2.4
25	16.6	25.3	21.0	79.0	19.053	16.7	0.0	0.0	0.0	5.0
26	16.8	28.0	22.4	70.0	18.353	16.1	0.0	6.8	6.8	7.4
27	17.2	26.0	21.4	78.6	19.712	17.3	0.0	0.0	0.0	5.6
28	16.4	22.5	18.7	90.3	19.886	17.4	26.7	0.1	26.8	0.1
29	16.0	25.5	20.1	75.4	17.446	15.4	0.0	0.0	0.0	4.8
30	16.4	24.2	19.9	86.1	19.822	17.4	26.9	0.0	26.9	3.1
31	16.6	23.5	18.4	87.7	18.481	16.2	6.8	0.0	6.8	2.5
PROM.	17.0	27.1	21.4	74.0	18.450	16.2	64.0	30.2	94.2	153.8

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.1	23.5	19.4	78.9	17.578	15.4	5.9	0.7	6.6	2.5
2	16.0	25.0	20.3	75.0	17.504	15.4	0.0	9.5	9.5	5.2
3	15.8	25.5	19.8	74.8	17.067	15.0	0.3	0.3	0.6	4.3
4	16.3	21.5	18.8	86.0	18.458	16.2	33.7	0.0	33.7	1.1
5	14.2	26.0	20.5	71.3	16.791	14.7	0.0	0.0	0.0	6.9
6	15.4	27.5	20.9	67.7	16.253	14.3	0.0	0.0	0.0	8.1
7	16.8	25.3	20.8	77.0	18.706	16.4	0.0	0.0	0.0	4.0
8	17.4	24.5	20.5	76.7	18.144	15.9	0.0	0.0	0.0	1.7
9	16.3	27.3	21.3	70.8	17.568	15.4	0.0	0.0	0.0	9.3
10	16.4	26.5	21.9	75.8	19.539	17.1	0.0	0.0	0.0	4.3
11	17.6	26.0	22.2	72.9	19.034	16.7	0.0	0.0	0.0	2.3
12	17.6	24.4	20.9	83.0	20.142	17.6	0.0	0.0	0.0	0.3
13	17.2	25.8	21.2	75.5	18.644	16.4	0.0	0.0	0.0	2.4
14	17.4	23.5	20.4	79.4	18.931	16.6	0.0	0.0	0.0	0.7
15	17.0	28.5	22.2	70.8	18.447	16.2	0.0	0.0	0.0	9.7
16	17.2	25.5	21.2	77.6	19.490	17.1	0.0	0.0	0.0	0.7
17	17.4	24.5	20.8	78.1	19.312	16.9	0.0	0.0	0.0	0.9
18	17.4	26.0	21.3	72.9	17.989	15.8	0.0	0.0	0.0	6.5
19	16.6	26.5	21.5	71.8	17.683	15.5	0.0	0.0	0.0	3.9
20	16.4	26.5	21.7	71.2	17.973	15.8	0.0	0.0	0.0	4.2
21	17.0	21.0	18.5	90.6	19.137	16.8	0.0	0.0	0.0	0.5
22	15.0	24.8	20.5	74.1	17.291	15.2	0.0	16.3	16.3	2.2
23	14.2	19.3	16.5	89.9	16.665	14.8	15.8	2.2	18.0	3.5
24	15.0	22.5	18.7	87.0	18.579	16.4	0.2	1.1	1.3	1.7
25	14.8	24.5	19.9	80.8	18.784	16.4	0.0	0.0	0.0	5.4
26	15.7	23.5	19.1	77.6	17.043	15.0	1.0	0.0	1.0	3.7
27	15.1	22.5	18.5	81.8	17.103	15.0	0.1	0.0	0.1	1.3
28	15.4	23.5	18.2	84.5	17.560	15.4	1.3	0.4	1.7	1.9
29	14.2	22.2	18.1	78.9	16.223	14.2	0.1	0.0	0.1	0.2
30	14.6	23.5	18.5	77.7	16.205	14.1	1.0	5.8	6.8	5.6
PROM.	16.1	24.6	20.1	77.7	18.001	15.8	59.4	36.3	95.7	105.0

ESTACION: MANUEL MALLARINO MUNICIPIO: TRUJILLO AÑO: 1.977

ALTITUD: 1.380 LATITUD: 4-10 N. LONGITUD: 76-21 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	23.0	18.7	78.2	16.756	14.7	0.0	1.1	1.1	3.4
2	15.0	26.5	20.5	66.4	15.690	13.7	0.0	0.0	0.0	9.1
3	17.0	27.0	21.9	70.8	18.232	16.0	0.0	35.6	35.6	8.2
4	16.0	23.0	19.5	81.6	16.116	15.9	6.5	20.9	27.4	2.3
5	15.6	21.5	18.3	86.2	17.909	15.7	2.0	0.0	2.0	0.7
6	15.4	25.5	19.9	78.9	18.002	15.8	0.0	0.0	0.0	7.0
7	16.2	24.3	19.8	84.9	19.677	17.2	0.0	0.1	0.1	3.7
8	16.6	26.0	20.2	74.1	17.769	15.6	0.0	0.0	0.0	6.1
9	17.6	23.3	19.6	78.8	17.957	15.8	0.0	2.0	2.0	3.7
10	16.0	24.5	20.1	75.7	17.572	15.5	0.0	1.6	1.6	3.6
11	16.8	23.6	19.9	77.5	17.687	15.6	0.0	0.9	0.9	2.2
12	16.0	26.3	21.0	76.1	18.586	16.4	0.0	0.0	0.0	7.9
13	17.2	25.5	20.5	82.8	19.952	17.5	0.0	0.0	0.0	6.1
14	17.6	23.6	19.9	86.4	20.208	17.7	4.7	11.5	16.2	1.5
15	15.6	21.3	18.4	91.8	19.405	17.0	5.0	9.4	14.4	0.2
16	16.6	24.5	20.6	78.5	18.724	16.4	0.0	0.0	0.0	4.4
17	17.2	26.5	21.0	78.2	19.351	17.0	0.1	0.0	0.1	4.9
18	16.2	26.0	21.0	74.7	18.307	16.1	0.0	0.1	0.1	7.3
19	17.8	27.0	21.5	75.8	19.602	17.2	0.1	1.9	2.0	7.6
20	17.4	23.5	20.1	84.9	19.850	17.4	0.0	0.0	0.0	0.1
21	17.0	25.5	21.0	80.8	20.010	17.5	0.0	0.5	0.5	0.7
22	16.2	23.0	19.6	89.0	20.351	17.7	0.0	0.0	0.0	0.3
23	14.2	21.0	16.7	89.9	17.802	15.6	77.8	4.6	82.4	1.5
24	12.6	21.5	16.0	83.6	17.100	15.0	0.0	0.0	0.0	2.3
25	15.4	21.5	17.8	93.4	19.419	17.0	5.8	0.0	5.8	2.0
26	14.6	22.2	18.5	79.5	16.572	14.5	0.0	0.0	0.0	5.2
27	15.0	22.5	18.0	87.0	17.940	15.8	2.7	0.0	2.7	3.0
28	14.5	21.3	18.5	77.8	16.337	14.3	0.0	0.2	0.2	2.3
29	15.0	22.0	19.4	84.2	18.955	16.7	0.0	0.0	0.0	1.2
30	16.0	23.0	19.5	80.7	18.053	15.9	0.0	0.0	0.0	7.2
31	15.6	21.5	18.2	82.1	17.088	15.0	0.0	0.0	0.0	1.5
PROM.	15.9	23.8	19.6	81.0	18.354	16.1	104.7	90.4	195.1	117.2

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.4	23.6	17.6	84.2	16.908	14.8	0.0	0.0	0.0	5.9
2	14.2	24.5	18.5	86.0	18.618	16.3	4.5	1.8	6.3	2.8
3	14.6	24.0	19.4	77.2	17.156	15.1	0.0	0.0	0.0	6.2
4	15.0	21.6	18.5	86.4	18.480	16.2	0.7	0.0	0.7	1.3
5	15.0	24.0	19.5	83.2	18.691	16.4	0.0	0.0	0.0	6.0
6	15.6	27.0	21.1	75.5	18.955	16.6	0.0	14.4	14.4	4.4
7	16.2	24.5	19.6	82.4	18.633	16.4	3.9	35.3	39.2	6.4
8	16.2	24.0	19.8	77.0	17.626	15.5	0.0	0.0	0.0	0.0
9	16.0	23.5	19.8	82.5	19.166	16.8	0.0	0.0	0.0	4.3
10	16.0	24.3	20.6	77.4	18.732	16.5	22.8	21.1	43.9	3.7
11	14.2	24.4	20.3	76.9	17.873	15.7	0.0	0.0	0.0	4.9
12	16.0	22.0	18.3	90.4	18.521	16.6	25.5	0.0	25.5	1.6
13	15.6	21.5	18.1	83.7	17.316	15.2	9.2	0.0	9.2	2.0
14	14.2	22.5	18.5	81.2	16.898	14.9	0.0	0.0	0.0	4.8
15	15.0	24.5	20.0	77.9	17.885	15.7	0.0	0.0	0.0	8.9
16	15.2	25.5	20.6	79.7	19.244	16.9	0.0	0.0	0.0	6.9
17	15.2	25.5	20.9	76.7	18.695	16.4	0.0	0.0	0.0	6.7
18	16.0	25.5	20.8	76.0	18.696	16.4	0.0	0.7	0.7	8.6
19	15.4	25.3	19.2	82.6	18.571	16.3	0.4	0.0	0.4	6.6
20	16.3	23.2	19.3	76.3	17.149	15.1	0.0	2.2	2.2	3.4
21	14.4	20.6	17.9	87.9	18.025	15.8	1.1	0.0	1.1	8.9
22	15.0	25.5	19.9	73.2	16.977	14.9	0.0	0.0	0.0	0.0
23	15.0	24.5	19.6	79.1	17.729	15.6	0.0	0.0	0.0	6.0
24	16.0	24.5	20.2	78.5	18.437	16.2	0.0	0.0	0.0	5.1
25	16.2	25.3	19.8	78.8	18.071	15.9	0.0	0.0	0.0	7.5
26	15.7	27.5	20.8	71.3	17.448	15.3	0.0	0.0	0.0	8.1
27	15.7	24.5	19.4	74.5	16.769	14.7	0.0	0.0	0.0	10.0
28	17.2	25.0	21.1	80.6	20.078	17.6	0.0	0.3	0.3	2.9
29	16.0	25.8	20.6	80.1	19.430	17.1	0.0	0.0	0.0	4.7
30	16.0	24.5	18.7	87.8	19.255	16.9	9.9	67.1	77.0	2.6
PROM.	15.5	24.3	19.6	80.2	18.214	16.0	78.0	142.9	220.9	151.2

STACION: MANUEL MALLARINO MUNICIPIO: TRUJILLO AÑO: 1.977

ALTITUD: 1.380 LATITUD: 4-10 N. LONGITUD: 76-21 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	25.0	20.8	77.9	18.521	16.3	0.0	0.0	0.0	8.4
2	17.4	27.0	21.4	76.0	19.187	16.9	0.0	0.0	0.0	7.1
3	18.0	26.9	22.2	72.2	18.882	16.6	0.0	0.0	0.0	7.6
4	17.6	27.0	21.3	77.7	19.586	17.2	0.0	0.0	0.0	6.9
5	16.2	25.5	20.0	80.9	18.948	16.7	1.1	0.5	1.6	4.5
6	16.2	25.0	20.3	80.4	18.896	16.6	0.0	3.0	3.0	3.5
7	16.2	24.0	20.4	82.4	19.319	16.9	0.0	2.9	2.9	3.8
8	16.2	25.5	21.3	72.9	17.877	15.7	0.0	0.0	0.0	6.8
9	16.8	25.5	20.7	79.7	19.433	17.0	0.0	0.5	0.5	5.2
10	16.0	27.5	21.1	79.8	19.467	17.1	0.0	0.0	0.0	7.1
11	16.2	27.5	22.4	71.7	18.863	16.6	0.0	0.0	0.0	9.8
12	17.2	25.0	20.9	76.0	18.662	16.4	0.0	0.0	0.0	1.5
13	17.2	28.1	22.7	71.1	18.910	16.6	0.0	0.0	0.0	9.2
14	17.4	26.5	22.1	76.0	19.770	17.3	0.0	0.0	0.0	3.7
15	18.0	26.5	22.1	72.4	18.825	16.5	0.0	1.5	1.5	4.3
16	16.6	26.0	21.0	78.3	19.103	16.8	0.0	0.0	0.0	5.4
17	17.0	28.0	22.2	67.6	17.695	15.6	0.0	0.0	0.0	8.8
18	16.8	27.5	21.7	73.7	18.738	16.5	0.0	0.0	0.0	8.5
19	16.4	26.5	21.1	74.7	18.781	16.5	0.0	0.4	0.4	4.7
20	15.6	27.0	21.2	75.7	18.618	16.4	0.0	0.0	0.0	7.2
21	15.8	28.0	22.1	71.9	18.592	16.3	0.0	0.0	0.0	9.2
22	16.2	28.0	22.6	72.9	19.526	17.1	0.0	0.0	0.0	9.3
23	16.2	28.4	22.0	77.0	20.110	17.6	0.0	0.0	0.0	7.6
24	17.5	26.5	21.5	76.9	19.610	17.1	0.0	0.6	0.6	1.6
25	17.0	25.1	20.7	79.6	19.350	17.0	0.0	0.0	0.0	2.0
26	17.4	24.5	20.7	81.3	19.792	17.3	0.0	9.6	9.6	1.9
27	16.2	23.5	19.3	84.1	18.644	16.4	16.2	0.0	16.2	3.4
28	16.0	27.7	22.3	70.4	17.884	15.7	0.0	0.0	0.0	9.5
29	15.4	28.0	22.9	67.1	18.123	15.9	0.0	0.0	0.0	9.9
30	16.4	27.4	21.3	76.0	19.033	16.7	0.0	7.2	7.2	7.2
31	16.2	25.1	19.1	86.9	19.595	17.2	5.3	0.8	6.1	4.4
PROM.	16.6	26.4	21.3	76.2	18.579	16.7	22.6	27.0	49.6	190.0

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	25.5	21.0	77.4	18.811	16.5	0.0	0.0	0.0	5.4
2	16.2	29.5	22.6	66.0	17.262	15.2	0.0	0.0	0.0	8.3
3	16.4	26.5	21.6	74.2	18.859	16.5	0.0	0.0	0.0	5.0
4	17.2	27.0	22.1	70.5	18.288	16.0	0.0	0.0	0.0	5.2
5	17.4	26.0	20.5	80.7	19.839	17.4	0.8	0.0	0.8	3.0
6	16.2	26.0	20.7	85.0	20.775	18.1	2.1	10.7	12.8	5.4
7	16.2	23.6	18.8	89.0	19.467	17.1	4.2	22.6	26.8	4.4
8	16.2	25.4	20.7	78.4	18.864	16.6	0.0	3.0	3.0	4.8
9	17.0	25.8	21.4	72.6	18.078	15.9	0.0	0.0	0.0	4.6
10	16.8	27.0	21.2	73.0	18.193	16.0	0.0	6.3	6.3	8.5
11	16.8	27.0	21.9	75.8	19.466	17.1	0.0	0.0	0.0	9.5
12	17.5	26.5	21.4	75.5	18.820	16.5	0.0	0.0	0.0	5.3
13	16.0	25.0	20.6	70.1	16.475	14.4	0.0	43.1	43.1	5.3
14	15.0	24.8	19.3	78.7	17.396	15.3	1.7	0.8	2.5	6.7
15	15.4	26.8	21.2	73.8	17.975	15.8	0.0	0.5	0.5	6.2
16	18.4	27.0	21.2	78.7	19.596	17.2	1.3	0.0	1.3	4.4
17	17.0	27.0	21.7	73.1	18.685	16.4	0.0	0.0	0.0	6.2
18	17.4	26.3	21.9	69.8	17.902	15.8	0.0	0.0	0.0	8.1
19	16.8	27.5	21.3	78.0	19.584	17.2	2.6	16.4	19.0	6.8
20	15.4	23.0	19.3	80.8	17.995	15.8	1.3	1.6	2.9	1.7
21	15.6	22.7	19.1	84.2	18.457	16.2	0.0	0.0	0.0	1.5
22	15.8	27.8	21.6	74.6	18.758	16.5	0.0	0.0	0.0	9.3
23	16.8	28.0	23.1	70.0	19.139	16.8	0.0	0.0	0.0	9.3
24	16.8	28.0	23.7	65.9	18.484	16.3	0.0	0.0	0.0	8.0
25	17.1	29.0	22.2	73.7	19.540	17.1	0.6	0.0	0.6	8.2
26	16.4	28.5	20.5	82.4	20.278	17.7	14.7	0.0	14.7	5.5
27	16.2	26.0	22.7	73.3	19.432	17.0	0.0	0.0	0.0	6.3
28	16.0	26.9	22.1	71.0	18.028	15.9	0.0	0.0	0.0	9.7
29	16.8	29.0	22.6	69.0	18.497	16.2	0.0	0.0	0.0	6.8
30	19.4	27.3	22.9	73.5	20.142	17.6	0.0	1.1	1.1	5.3
31	18.0	26.0	21.0	75.7	18.514	16.2	0.0	0.0	0.0	3.7
PROM.	16.7	26.5	21.4	75.3	18.761	16.5	29.3	106.1	135.4	190.4

ESTACION: MANUEL MALLARINO MUNICIPIO: TRUJILLO AÑO: 1.977

ALTITUD: 1.380 LATITUD: 4-10 N. LONGITUD: 76-21 W.

M E S - SEPTIEMERE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	27.4	21.8	70.9	18.058	15.9	0.0	0.0	0.0	7.9
2	17.4	28.0	22.7	65.0	17.274	15.2	0.0	0.0	0.0	5.2
3	17.4	26.5	21.0	74.7	18.511	16.3	0.0	0.0	0.0	4.0
4	16.4	29.0	19.7	81.9	19.068	16.8	12.1	0.1	12.2	9.1
5	16.8	26.2	21.5	75.5	18.855	16.6	0.0	0.0	0.0	2.2
6	18.0	29.5	22.7	65.7	17.569	15.5	0.0	0.0	0.0	8.9
7	19.0	30.0	24.1	57.1	16.560	14.5	0.0	0.0	0.0	9.6
8	17.2	26.5	22.3	75.7	20.271	17.7	0.0	0.0	0.0	1.5
9	17.4	29.0	22.0	74.7	19.332	16.9	0.0	0.0	0.0	4.4
10	16.7	27.0	21.5	79.1	20.018	17.5	0.0	0.0	0.0	2.2
11	17.2	27.0	21.9	73.2	19.227	16.9	0.0	0.0	0.0	7.6
12	17.0	25.5	20.7	77.8	18.828	16.5	0.0	0.0	0.0	0.2
13	16.2	26.5	20.1	77.8	18.176	16.0	0.3	4.0	4.3	3.2
14	15.2	22.0	18.5	86.4	18.380	16.2	1.3	0.0	1.3	0.2
15	15.4	26.3	20.0	77.7	18.180	16.0	0.7	0.0	0.7	6.2
16	17.0	27.3	22.5	70.6	18.561	16.3	0.0	0.0	0.0	5.5
17	18.0	27.0	22.1	77.3	20.451	17.8	0.0	0.0	0.0	7.2
18	16.0	25.4	20.4	73.5	17.486	15.3	25.7	0.5	26.2	4.6
19	15.4	28.8	22.2	69.1	17.197	15.0	0.0	0.0	0.0	4.0
20	18.2	28.0	20.5	79.7	19.201	16.8	46.8	0.0	46.8	5.1
21	17.2	23.6	20.1	86.2	20.037	17.5	0.0	1.1	1.1	0.6
22	16.6	25.0	20.0	79.3	18.459	16.2	0.8	0.0	0.8	2.9
23	16.8	27.3	22.1	70.4	18.159	15.9	0.0	7.5	7.5	5.1
24	16.4	26.1	20.4	80.0	19.315	16.9	13.4	0.0	13.4	4.3
25	16.3	26.3	20.3	77.3	18.524	16.3	0.0	15.8	15.8	8.4
26	16.4	24.0	19.6	78.9	17.845	15.7	0.0	4.9	4.9	0.0
27	17.0	21.5	18.2	89.2	19.054	16.7	12.9	3.3	16.2	0.0
28	16.4	23.5	19.6	84.3	19.060	16.7	0.2	1.1	1.3	1.4
29	16.2	21.5	17.5	94.0	18.836	16.5	9.2	0.0	9.2	0.1
30	15.7	25.0	19.9	75.5	17.169	15.1	0.0	0.0	0.0	3.2
PROM.	16.8	26.2	20.9	76.6	18.589	16.3	123.4	38.3	161.7	124.8

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.9	26.0	19.3	82.0	18.465	16.2	21.5	10.7	32.2	5.3
2	15.4	24.6	20.3	74.5	17.427	15.3	0.0	0.0	0.0	5.5
3	17.2	27.5	20.7	77.8	18.812	16.5	0.0	1.8	1.8	7.1
4	17.4	26.5	20.8	73.6	17.769	15.4	0.0	45.5	45.5	5.8
5	16.2	25.5	20.6	79.1	18.980	16.7	0.0	0.0	0.0	5.5
6	16.5	26.5	20.7	69.6	16.944	14.8	4.9	3.6	8.5	4.2
7	17.2	22.4	18.3	85.1	18.147	15.9	11.3	0.0	11.3	0.8
8	15.6	25.0	19.4	81.2	18.143	15.9	0.0	0.0	0.0	4.7
9	16.3	25.0	18.5	85.5	18.646	16.4	38.2	0.0	38.2	2.6
10	16.8	24.0	19.5	76.7	16.960	14.6	0.3	1.5	1.8	3.7
11	16.4	24.0	20.5	80.6	19.286	16.9	0.8	7.9	8.7	2.0
12	16.4	25.0	19.6	80.8	18.707	16.4	0.0	3.1	3.1	3.7
13	17.0	24.5	19.2	84.9	19.068	16.7	4.1	0.0	4.1	1.6
14	16.2	25.1	20.8	75.8	18.052	15.9	0.0	0.3	0.3	6.3
15	16.2	26.3	20.7	75.0	18.153	16.0	0.0	0.6	0.6	5.9
16	15.5	26.1	20.8	81.5	20.240	17.7	0.0	0.0	0.0	5.8
17	17.0	27.0	20.6	75.3	18.269	16.0	1.1	0.7	1.8	4.5
18	16.8	26.0	21.2	76.6	19.271	16.9	0.0	0.0	0.0	4.6
19	17.7	27.5	22.4	72.6	19.245	16.9	0.0	6.8	6.8	6.3
20	17.0	26.0	20.2	79.0	18.401	16.1	0.0	0.0	0.0	7.5
21	18.2	26.8	21.0	76.1	18.992	16.7	0.0	19.7	19.7	6.5
22	17.4	24.1	19.6	82.8	19.057	16.7	0.7	0.0	0.7	2.5
23	15.4	25.1	20.6	75.8	18.450	16.2	0.0	15.2	15.2	6.0
24	14.2	22.5	17.6	84.6	17.757	15.5	7.2	0.0	7.2	2.6
25	14.4	23.0	18.3	82.3	17.602	15.5	0.0	16.0	16.0	4.1
26	15.3	20.0	17.0	90.1	17.987	15.8	1.1	0.0	1.1	0.3
27	15.0	21.5	18.4	85.7	18.022	15.9	0.0	0.0	0.0	0.4
28	15.0	23.5	17.8	84.4	17.236	15.1	33.9	12.6	46.5	2.2
29	12.5	23.0	17.7	81.4	16.455	14.5	2.2	0.0	2.2	5.5
30	15.4	21.5	17.6	87.9	17.550	15.4	0.0	2.0	2.0	0.9
31	15.2	26.5	21.1	78.2	18.907	16.6	3.2	0.0	3.2	7.2
PROM.	16.1	24.8	19.7	79.9	18.290	16.0	130.5	148.0	278.5	131.6

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ESTACION: MANUEL MALLARINO MUNICIPIO: TRUJILLO AÑO: 1.977

ALTITUD: 1.380 LATITUD: 4-10 N. LONGITUD: 76-21 W.

M E S – NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	26.0	20.9	82.9	20.463	17.9	0.0	0.0	0.0	7.2
2	16.2	25.0	20.5	80.7	19.401	17.0	0.0	0.0	0.0	2.0
3	17.0	25.0	20.1	80.5	18.966	16.7	1.2	1.4	2.6	4.2
4	17.0	21.0	19.4	85.9	19.134	16.8	1.4	0.5	1.9	4.5
5	15.8	23.3	19.1	80.9	17.777	15.6	32.3	0.0	32.3	5.8
6	16.0	21.5	17.5	87.5	17.800	15.7	0.0	0.0	0.0	4.1
7	16.2	24.0	19.1	87.6	19.390	17.0	11.7	0.2	11.9	1.6
8	16.4	25.0	19.5	77.0	17.466	15.4	0.8	1.0	1.8	4.3
9	16.4	27.1	21.6	74.7	19.100	16.7	0.9	10.0	10.9	0.0
10	17.2	22.0	19.4	83.1	18.451	16.2	9.2	0.0	9.2	4.3
11	16.0	25.0	20.7	78.8	19.170	16.8	0.0	0.0	0.0	5.7
12	17.3	23.5	19.5	89.1	20.390	17.8	5.0	15.2	20.2	0.4
13	16.8	21.0	18.8	88.7	19.373	17.0	13.5	1.4	14.9	0.0
14	16.6	25.8	20.7	80.1	19.135	16.8	0.0	0.0	0.0	3.6
15	17.1	26.5	21.6	74.6	18.669	16.4	0.0	0.0	0.0	5.6
16	15.8	27.0	21.3	70.4	17.263	15.1	0.0	0.0	0.0	7.5
17	17.4	26.5	19.8	80.7	18.777	16.5	2.1	0.5	2.6	2.5
18	17.6	23.6	19.5	89.4	20.285	17.7	2.5	0.0	2.5	1.1
19	17.6	26.5	20.6	76.6	18.563	16.3	2.1	0.0	2.1	6.0
20	17.4	26.5	20.2	77.6	18.486	16.3	6.6	0.0	6.6	5.7
21	16.9	27.5	21.6	72.1	18.264	16.0	0.0	0.0	0.0	6.2
22	16.2	26.5	22.2	72.4	18.926	16.6	0.0	0.0	0.0	4.7
23	16.9	25.5	21.5	74.1	18.619	16.4	0.0	0.0	0.0	5.2
24	16.8	27.0	22.3	71.8	19.008	16.7	0.0	0.0	0.0	5.3
25	17.4	27.0	22.0	73.4	18.954	16.6	0.0	0.0	0.0	5.1
26	18.0	25.3	21.5	83.6	21.421	18.6	3.5	3.3	6.8	1.4
27	17.4	26.0	21.5	78.6	20.032	17.5	0.0	0.0	0.0	5.0
28	17.2	26.5	21.6	70.6	18.088	15.9	0.0	0.0	0.0	6.2
29	17.2	28.8	23.9	66.5	19.105	16.8	0.0	0.0	0.0	8.9
30	17.0	28.0	22.0	66.6	17.278	15.2	0.0	0.0	0.0	8.2
PROM.	16.8	25.3	20.7	78.6	18.925	16.6	92.8	33.5	126.3	132.3

M E S – DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.0	26.5	21.7	71.5	18.280	16.0	0.0	0.0	0.0	5.7
2	16.2	26.5	20.2	80.0	18.697	16.4	0.0	0.3	0.3	3.7
3	16.0	26.8	21.9	78.6	20.274	17.7	0.0	0.0	0.0	3.1
4	17.4	28.0	22.1	75.2	20.146	17.6	0.0	0.0	0.0	5.8
5	17.4	27.5	22.3	72.5	19.130	16.8	0.0	0.0	0.0	6.0
6	17.4	26.5	21.0	72.1	17.677	15.5	0.0	2.2	2.2	4.8
7	17.1	26.1	20.6	79.8	19.225	16.9	0.0	0.0	0.0	6.2
8	17.3	27.5	21.7	74.6	19.295	16.9	0.3	0.0	0.3	1.6
9	16.9	26.5	21.7	79.2	20.143	17.6	6.2	3.1	9.3	5.9
10	17.6	26.0	21.3	78.6	20.067	17.5	0.2	0.0	0.2	6.5
11	16.8	27.5	21.4	72.9	18.218	16.0	0.0	0.0	0.0	0.0
12	17.6	26.0	20.4	80.3	19.332	17.0	0.0	0.0	0.0	4.2
13	17.0	25.0	20.3	72.8	17.211	15.1	0.0	0.0	0.0	2.7
14	16.0	26.4	20.8	73.9	17.727	15.6	0.0	0.0	0.0	7.3
15	17.0	26.1	21.8	70.2	17.944	15.8	0.0	0.0	0.0	7.2
16	18.0	21.0	19.9	83.5	19.145	16.8	0.0	0.0	0.0	0.0
17	16.4	27.5	21.7	71.2	17.764	15.6	0.0	0.0	0.0	6.3
18	18.0	27.1	21.5	73.4	18.608	16.4	0.0	0.0	0.0	3.6
19	17.2	24.5	20.5	77.2	18.791	16.5	0.7	0.0	0.7	0.9
20	16.4	27.0	21.9	71.9	18.628	16.4	0.0	0.0	0.0	5.8
21	18.0	28.0	22.8	67.5	18.662	16.4	0.0	0.0	0.0	6.0
22	18.0	29.0	23.6	68.7	19.402	17.0	0.0	0.0	0.0	6.5
23	17.4	29.5	24.0	70.1	19.915	17.4	0.0	0.0	0.0	8.8
24	16.2	28.0	23.0	70.8	19.232	16.9	0.0	0.0	0.0	4.6
25	17.6	26.3	21.6	76.4	19.484	17.1	0.0	0.0	0.0	1.8
26	18.4	27.0	21.2	77.4	19.403	17.0	8.6	0.0	8.6	2.2
27	16.8	25.6	19.7	86.5	20.397	17.8	16.0	31.2	47.2	0.4
28	15.2	26.0	20.4	75.9	17.691	15.5	0.0	1.6	1.6	3.5
29	16.2	21.5	18.1	91.7	19.104	16.8	4.2	0.0	4.2	0.8
30	16.0	26.0	20.4	75.3	17.810	15.6	0.0	0.0	0.0	5.2
31	16.0	26.1	19.8	75.5	17.418	15.3	0.0	0.0	0.0	5.6
PROM.	17.0	26.4	21.3	75.7	18.865	16.5	36.2	38.4	74.6	132.7

ESTACION: MANUEL MALLARINO MUNICIPIO TRUJILLO AÑO: 1.977

ALTITUD: 1.380 LATITUD: 4-10 N. LONGITUD: 76-21 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.3	26.9	21.0	14.6	30.0	72.0	17.563	15.4	17.9	6	201.2
FEBRERO	16.2	26.3	20.6	14.6	29.3	74.0	17.536	15.4	49.7	7	145.9
MARZO	17.0	27.1	21.4	16.0	31.0	74.0	18.450	16.2	94.2	9	153.8
ABRIL	16.1	24.6	20.1	14.2	28.5	77.7	18.001	15.8	95.7	12	105.0
MAYO	15.9	23.8	19.6	12.6	27.0	81.0	18.354	16.1	195.1	18	117.2
JUNIO	15.5	24.3	19.6	14.2	27.5	80.2	18.214	16.0	220.9	13	151.2
JULIO	16.6	26.4	21.3	15.4	28.4	76.2	18.979	16.7	49.6	11	190.0
AGOSTO	16.7	26.5	21.4	15.0	29.5	75.3	18.761	16.5	135.4	14	190.4
SEPTIEMBRE	16.8	26.2	20.9	15.2	30.0	76.6	18.589	16.3	161.7	15	124.8
OCTUBRE	16.1	24.8	19.7	12.5	27.5	79.9	18.290	16.0	278.5	24	131.6
NOVIEMBRE	16.6	25.3	20.7	15.8	28.6	78.6	18.925	16.6	126.3	14	132.3
DICIEMBRE	17.0	26.4	21.3	15.2	29.5	75.7	18.865	16.5	74.6	10	132.7
PROMEDIO	16.4	25.7	20.6	14.6	28.9	76.8	18.377	16.1			
TOTAL									1499.6	153	1776.1

STACION: JULIO FERNANDEZ MUNICIPIO: RESTREPO AÑO: 1.977

LTITUD: 1.360 LATITUD: 3-49 N. LONGITUD: 76-31 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	25.3	20.0	87.2	20.599	18.0	0.0	0.0	0.0	3.8
2	16.0	26.1	20.6	82.5	20.119	17.6	0.0	0.0	0.0	7.3
3	14.5	26.1	19.7	81.0	18.495	16.2	0.0	0.0	0.0	8.3
4	17.5	27.4	20.8	83.5	20.409	17.8	0.0	0.0	0.0	7.1
5	18.0	29.9	21.6	77.4	19.736	17.2	0.0	0.0	0.0	9.2
6	17.0	27.8	20.6	78.9	19.041	16.7	0.0	0.0	0.0	7.7
7	14.1	26.0	19.9	81.9	18.603	16.3	0.0	0.0	0.0	7.2
8	14.5	27.7	20.6	79.2	18.864	16.6	0.0	0.0	0.0	6.9
9	14.9	27.6	20.5	77.0	18.279	16.1	0.0	0.0	0.0	8.0
10	16.5	25.3	20.3	82.7	19.741	17.3	0.0	0.0	0.0	1.6
11	14.5	27.2	20.0	79.6	18.457	16.2	0.0	0.0	0.0	8.0
12	14.5	26.2	19.9	82.7	19.113	16.8	0.0	0.0	0.0	5.4
13	17.0	26.8	20.5	78.9	18.887	16.6	0.0	0.0	0.0	6.9
14	14.5	27.4	20.3	82.2	19.230	16.8	0.0	0.0	0.0	5.8
15	17.5	27.3	20.9	81.0	20.156	17.6	0.0	0.0	0.0	7.1
16	18.0	28.0	21.4	80.0	20.622	18.0	0.0	0.0	0.0	7.5
17	18.0	28.2	21.0	79.4	19.629	17.2	0.0	0.0	0.0	6.2
18	16.5	26.8	20.4	79.8	19.089	16.8	0.0	0.0	0.0	6.0
19	16.5	26.2	20.2	83.1	19.651	17.2	0.0	0.0	0.0	3.5
20	16.0	29.0	20.7	80.5	19.578	17.1	0.0	0.0	0.0	5.6
21	16.8	29.1	21.3	77.4	19.152	16.8	0.0	0.0	0.0	8.4
22	17.1	28.7	21.4	77.1	19.571	17.1	0.0	0.0	0.0	6.4
23	17.5	23.1	18.8	91.2	20.038	17.5	3.2	0.0	3.2	0.1
24	16.0	27.7	21.0	77.5	18.836	16.5	0.2	1.5	1.7	4.4
25	17.4	27.2	20.4	82.9	20.009	17.5	0.0	0.0	0.0	7.3
26	17.4	27.0	20.2	79.6	18.654	16.4	0.0	0.0	0.0	6.1
27	17.0	28.0	20.6	80.1	19.441	17.1	0.0	0.0	0.0	7.4
28	14.8	27.2	20.1	80.1	18.732	16.5	0.0	10.5	10.5	6.8
29	16.5	25.8	20.5	81.0	19.595	17.2	0.0	0.0	0.0	8.7
30	16.5	25.6	19.0	84.7	18.875	16.6	0.0	0.0	0.0	7.7
31	13.0	26.7	19.3	79.3	17.609	15.5	0.0	0.0	0.0	8.1
PROM.	16.2	27.0	20.4	80.9	19.316	16.9	3.4	12.0	15.4	200.5

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	26.3	19.3	81.7	18.046	15.9	0.0	0.0	0.0	5.3
2	14.5	27.2	20.8	79.0	19.452	17.0	0.0	0.0	0.0	7.3
3	16.0	28.1	20.5	78.2	18.643	16.4	0.0	0.0	0.0	8.7
4	14.5	27.4	19.8	79.0	18.128	16.0	0.0	0.0	0.0	9.2
5	17.5	26.4	20.2	81.9	19.429	17.0	0.0	0.0	0.0	6.9
6	13.6	27.9	19.9	82.2	18.489	16.1	0.0	1.0	1.0	
7	17.8	26.2	20.5	81.3	19.699	17.3	0.0	0.0	0.0	3.3
8	14.6	29.8	20.6	77.7	18.324	16.1	0.0	0.0	0.0	6.6
9	18.0	24.5	20.3	81.8	19.752	17.3	0.0	0.0	0.0	0.0
10	13.5	29.2	20.7	78.1	18.580	16.3	0.0	0.0	0.0	6.9
11	17.4	26.8	20.6	81.3	19.776	17.3	0.0	6.5	6.5	7.7
12	17.5	25.4	20.0	83.3	19.426	17.0	0.0	0.0	0.0	3.0
13	15.0	27.2	20.5	80.5	18.856	16.5	0.0	0.0	0.0	
14	17.3	27.3	21.3	77.1	19.222	16.9	0.0	0.0	0.0	7.4
15	13.8	27.1	19.7	84.7	19.107	16.7	0.0	12.8	12.8	
16	16.5	24.0	18.9	92.5	20.165	17.6	13.5	0.0	13.5	2.6
17	17.5	25.0	19.8	87.8	20.429	17.8	0.0	0.7	0.7	2.1
18	17.5	27.3	21.0	80.3	19.881	17.4	0.0	0.0	0.0	3.8
19	17.0	24.6	19.5	83.5	18.949	16.6	2.6	0.0	2.6	1.5
20	14.6	25.0	18.8	84.1	18.379	16.1	0.0	0.0	0.0	2.2
21	14.5	25.0	17.9	94.0	19.105	16.7	20.6	0.0	20.6	2.8
22	14.5	28.5	20.7	78.1	18.842	16.6	0.0	0.0	0.0	8.0
23	14.0	29.0	20.8	78.4	18.863	16.5	0.0	0.0	0.0	8.9
24	17.5	26.0	22.1	75.4	19.671	17.2	0.0	0.0	0.0	4.3
25	14.4	25.5	20.9	77.2	18.600	16.3	0.4	0.0	0.4	3.5
26	13.8	27.1	22.7	67.6	17.290	15.1	0.0	0.2	0.2	8.7
27	17.8	26.2	20.9	78.3	19.342	16.9	0.0	0.0	0.0	6.1
28	13.9	26.0	20.7	80.7	19.608	17.2	0.0	0.0	0.0	6.9
PROM.	15.6	26.6	20.3	80.9	19.073	16.7	37.1	21.2	58.3	

ESTACION: JULIO FERNANDEZ MUNICIPIO: RESTREPO AÑO: 1.977

ALTITUD: 1.360 LATITUD: 3-49 N. LONGITUD: 76-31 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	25.0	20.1	82.8	19.718	17.3	0.0	0.0	0.0	0.2
2	14.5	29.0	20.7	82.9	20.448	17.8	0.0	0.0	0.0	7.8
3	18.0	27.1	21.2	81.9	20.612	17.9	0.0	0.0	0.0	6.3
4	17.0	28.0	21.2	82.1	20.902	18.2	0.0	0.0	0.0	7.3
5	18.0	28.8	21.7	81.7	21.038	18.3	0.0	0.0	0.0	5.6
6	18.0	28.4	21.7	83.7	21.793	18.9	0.0	0.0	0.0	5.5
7	16.0	29.8	21.6	82.5	21.094	18.3	0.0	0.0	0.0	4.0
8	16.0	30.5	21.8	78.6	20.242	17.7	0.0	0.0	0.0	4.9
9	18.8	29.5	22.6	76.5	21.099	18.4	0.0	0.0	0.0	6.1
10	19.0	31.5	22.3	75.3	20.384	17.8	0.0	0.0	0.0	6.9
11	17.5	29.5	21.9	76.2	19.780	17.3	0.0	0.0	0.0	6.2
12	15.5	28.3	21.4	80.2	20.227	17.6	0.0	0.7	0.7	7.3
13	17.3	27.0	20.5	80.4	19.488	17.1	0.0	0.0	0.0	3.5
14	15.5	28.5	20.3	81.9	19.198	16.8	0.0	0.0	0.0	5.4
15	17.0	27.0	20.9	79.2	19.676	17.3	0.0	0.2	0.2	2.4
16	18.0	25.0	19.7	85.0	19.794	17.4	3.1	0.0	3.1	0.8
17	15.0	27.5	20.6	74.7	18.213	15.9	0.0	0.0	0.0	2.8
18	16.0	29.3	21.3	81.2	20.461	17.9	0.0	0.0	0.0	5.2
19	17.5	27.5	21.0	81.2	20.040	17.5	0.0	0.0	0.0	3.4
20	16.5	28.8	22.0	78.1	20.610	18.0	0.0	0.0	0.0	7.0
21	17.4	29.0	21.9	75.3	19.618	17.2	0.0	0.0	0.0	1.8
22	17.5	26.5	20.5	77.9	18.861	16.6	0.0	0.0	0.0	2.1
23	16.5	26.0	20.2	78.8	18.306	16.1	0.0	0.0	0.0	1.2
24	17.5	28.5	21.4	78.4	19.831	17.4	0.0	1.0	1.0	3.6
25	17.3	29.5	21.4	77.5	19.593	17.2	0.2	9.9	10.1	4.1
26	17.1	28.8	21.2	82.5	20.643	18.0	0.0	0.8	0.8	5.6
27	18.0	26.1	20.4	83.0	20.114	17.6	5.7	6.0	11.7	6.5
28	17.0	21.0	18.0	89.1	18.499	16.2	3.4	0.2	3.6	0.0
29	15.0	26.3	19.9	82.3	19.009	16.7	0.0	0.0	0.0	4.5
30	16.0	24.0	18.6	95.3	20.180	17.6	1.3	0.0	1.3	2.1
31	16.0	25.1	19.6	83.2	18.867	16.6	0.0	0.8	0.8	5.8
PROM.	16.9	27.6	20.9	80.9	19.946	17.4	13.7	19.6	33.3	135.9

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	24.2	19.0	83.7	18.423	16.2	15.6	0.0	15.6	0.0
2	13.8	26.1	19.4	82.4	18.154	16.0	0.0	1.0	1.0	4.3
3	16.5	26.3	19.6	83.3	19.084	16.8	0.0	0.0	0.0	7.9
4	16.5	26.2	20.0	79.9	18.463	16.2	0.0	0.0	0.0	4.6
5	10.6	28.0	18.6	82.9	17.237	15.0	0.0	0.0	0.0	8.4
6	13.5	27.1	20.5	79.1	18.367	16.1	0.0	2.4	2.4	6.0
7	17.3	25.4	20.4	86.5	20.685	18.0	0.0	0.0	0.0	
8	16.8	25.0	20.7	81.3	19.471	17.1	0.0	0.0	0.0	
9	14.4	28.0	20.2	81.0	18.640	16.3	0.0	0.0	0.0	●
10	16.3	27.1	21.6	75.4	18.817	16.5	0.0	0.0	0.0	
11	17.6	27.0	21.3	80.6	20.423	17.8	0.0	5.5	5.5	4.0
12	18.0	25.1	20.3	87.0	20.854	18.2	2.1	0.0	2.1	0.7
13	15.5	26.3	20.8	81.9	19.836	17.4	0.0	0.1	0.1	3.6
14	16.1	26.0	20.3	86.8	20.899	18.2	0.0	0.0	0.0	2.2
15	14.1	28.0	22.2	76.2	19.240	16.9	0.0	0.0	0.0	6.8
16	18.0	26.8	20.4	84.6	20.193	17.6	0.7	0.0	0.7	3.6
17	17.1	25.1	20.4	79.9	18.875	16.6	0.0	0.0	0.0	
18	14.6	29.0	20.7	78.9	18.634	16.3	0.0	0.0	0.0	6.2
19	17.5	29.4	21.9	76.7	19.912	17.4	0.0	0.0	0.0	7.3
20	17.8	30.0	22.3	76.1	20.302	17.7	0.0	0.0	0.0	6.4
21	17.5	20.0	18.2	92.9	19.645	17.2	5.6	0.0	5.6	0.0
22	13.0	27.7	20.1	81.4	18.704	16.4	0.0	21.9	21.9	5.9
23	16.8	21.0	18.2	92.9	19.594	17.1	2.6	0.0	2.6	0.0
24	16.0	27.3	18.9	82.6	18.245	16.0	4.0	0.0	4.0	1.1
25	14.8	26.5	20.1	83.0	19.310	16.9	0.0	0.0	0.0	2.4
26	17.0	26.0	19.8	81.4	18.848	16.5	0.9	7.9	8.8	0.5
27	17.0	27.0	20.1	79.8	18.710	16.4	0.6	3.4	4.0	0.5
28	16.0	22.0	18.6	94.2	20.495	17.8	2.7	0.0	2.7	0.4
29	16.0	26.0	20.9	79.2	19.159	16.8	0.0	0.0	0.0	0.8
30	17.5	26.3	20.4	80.5	19.367	17.0	0.0	0.0	0.0	0.3
PROM.	16.0	26.2	20.2	82.4	19.286	16.9	34.8	42.2	77.0	

ESTACION: JULIO FERNANDEZ MUNICIPIO: RESTREPO AÑO: 1.977

ALTITUD: 1.360 LATITUD: 3-49 N. LONGITUD: 76-31 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	27.1	20.2	81.9	19.127	16.7	0.0	0.7	0.7	0.0
2	17.0	26.3	21.0	81.0	19.982	17.4	0.0	0.0	0.0	0.0
3	17.0	27.3	21.2	77.9	19.808	17.4	0.0	3.0	3.0	0.0
4	16.8	25.0	19.2	83.3	18.739	16.5	1.6	1.3	2.9	1.9
5	16.0	22.8	18.2	89.7	19.020	16.7	4.3	0.2	4.5	0.1
6	14.1	27.3	19.6	83.6	18.683	16.4	0.2	0.0	0.2	6.0
7	18.0	25.4	20.4	81.8	19.771	17.3	0.0	0.0	0.0	4.2
8	14.5	27.3	20.2	83.6	19.891	17.4	0.0	0.0	0.0	6.0
9	18.0	26.1	20.1	83.3	19.839	17.4	0.9	0.0	0.9	1.1
10	18.0	26.4	20.0	84.4	20.062	17.6	0.0	1.9	1.9	4.7
11	18.0	25.5	20.2	86.2	20.662	18.0	0.0	1.6	1.6	1.8
12	18.0	27.6	20.2	86.5	20.692	18.0	0.0	3.7	3.7	5.4
13	17.4	26.7	20.2	85.3	20.234	17.7	0.0	0.0	0.0	7.2
14	17.3	25.9	20.1	84.1	19.921	17.5	0.2	3.1	3.3	2.7
15	17.5	22.0	18.5	90.2	19.428	17.0	10.0	0.0	10.0	0.5
16	16.8	25.4	20.0	80.7	18.771	16.5	0.0	0.0	0.0	1.7
17	17.6	26.3	20.2	85.3	20.255	17.7	0.0	0.0	0.0	7.3
18	17.3	27.6	20.7	82.2	20.033	17.5	0.2	0.0	0.2	6.4
19	17.3	27.9	21.0	79.0	19.685	17.2	0.0	0.0	0.0	
20	18.0	22.0	19.1	88.0	19.529	17.1	1.1	0.0	1.1	
21	15.0	24.7	19.4	84.4	18.927	16.6	0.0	0.0	0.0	2.0
22	15.4	22.1	18.0	89.2	18.360	16.1	0.0	0.0	0.0	
23	16.5	25.0	19.5	78.4	17.327	14.9	0.1	1.0	1.1	1.6
24	16.3	26.6	19.9	80.9	18.729	16.4	30.2	0.0	30.2	1.6
25	16.1	24.0	18.4	95.9	20.372	17.8	2.1	0.0	2.1	1.3
26	15.1	25.3	19.3	84.5	18.628	16.4	0.0	0.0	0.0	3.7
27	16.3	25.5	19.2	88.1	19.753	17.3	1.4	2.5	3.9	3.0
28	16.4	24.5	19.0	84.4	18.887	16.6	0.0	0.0	0.0	2.2
29	14.0	24.1	19.0	83.1	17.874	15.7	0.0	0.0	0.0	
30	17.0	29.0	21.2	80.0	19.818	17.3	0.0	0.0	0.0	4.6
31	17.7	25.6	20.9	77.8	19.041	16.7	0.0	0.0	0.0	3.6
PROM.	16.6	25.6	19.8	84.0	19.414	17.0	52.3	19.0	71.3	

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	26.0	20.0	80.8	18.897	16.6	0.0	18.8	18.8	5.7
2	14.6	24.3	18.3	89.0	18.591	16.3	0.4	0.1	0.5	2.3
3	16.0	26.6	19.9	80.1	18.568	16.3	0.0	0.0	0.0	3.2
4	17.0	24.0	18.6	94.1	20.235	17.7	14.2	0.0	14.2	0.0
5	15.0	25.5	19.7	86.6	19.906	17.4	3.4	0.0	3.4	0.0
6	16.8	25.0	19.3	93.1	20.927	18.2	0.7	3.1	3.8	4.4
7	16.0	24.4	19.0	81.9	17.941	15.8	0.3	2.0	2.3	4.3
8	15.3	25.2	19.9	80.9	18.516	16.3	0.0	0.0	0.0	4.5
9	16.0	24.2	19.2	83.3	18.475	16.2	0.0	0.0	0.0	3.2
10	12.5	24.5	19.9	81.5	18.509	16.3	0.0	0.9	0.9	3.6
11	14.0	23.5	18.6	82.5	17.429	15.3	1.0	5.6	6.6	3.8
12	16.5	23.0	18.5	90.7	19.270	16.9	5.6	0.2	5.8	2.3
13	16.0	24.0	18.0	95.2	19.572	17.1	16.8	0.0	16.8	2.3
14	15.0	24.1	18.9	87.2	19.027	16.7	0.0	0.0	0.0	4.7
15	16.5	26.5	20.8	79.6	19.402	17.0	0.0	0.0	0.0	6.1
16	17.5	25.5	20.3	84.1	20.180	17.6	0.0	0.0	0.0	3.8
17	15.5	28.0	20.9	79.4	19.223	16.9	0.2	0.0	0.2	6.0
18	18.5	27.5	21.4	77.2	19.620	17.2	0.7	0.0	0.7	5.4
19	17.4	26.0	20.4	80.8	19.341	17.0	0.0	10.9	10.9	8.9
20	17.0	23.0	18.7	88.1	19.295	16.9	0.0	0.4	0.4	3.7
21	15.5	24.5	19.5	81.9	18.271	16.0	0.0	0.0	0.0	2.7
22	15.5	27.5	20.9	79.3	19.552	17.1	0.0	0.0	0.0	5.4
23	18.5	26.0	20.0	89.3	21.157	18.4	1.3	0.0	1.3	5.9
24	17.5	25.0	20.2	86.7	20.647	18.0	0.0	0.0	0.0	4.2
25	18.0	26.5	20.8	81.8	20.022	17.5	0.0	0.0	0.0	6.1
26	17.5	26.0	20.8	78.1	19.304	16.9	0.0	0.0	0.0	5.2
27	16.5	26.5	20.1	82.2	19.443	17.1	0.0	4.0	4.0	8.2
28	17.0	24.0	19.5	86.3	19.923	17.4	2.3	0.0	2.3	4.0
29	14.8	24.5	19.6	81.5	18.439	16.2	0.0	6.7	6.7	7.1
30	15.6	23.5	18.7	85.8	18.905	16.6	0.6	2.0	2.6	4.0
PROM.	16.2	25.2	19.7	84.3	19.266	16.9	47.5	54.7	102.2	131.0

ESTACION: JULIO FERNANDEZ MUNICIPIO: RESTREPO AÑO: 1.977

ALTITUD: 1.360 LATITUD: 3-49 N. LONGITUD: 76-31 W.

M E S - JULIO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	24.0	19.8	85.2	19.562	17.1	0.0	0.0	0.0	5.1
2	15.0	27.5	20.6	80.2	19.214	16.9	0.0	10.4	10.4	4.5
3	15.0	26.5	19.9	84.4	19.736	17.3	0.0	0.9	0.9	10.0
4	17.5	25.0	19.4	89.4	20.341	17.8	0.0	0.0	0.0	4.6
5	17.5	24.0	18.6	92.0	20.171	17.6	1.4	0.3	1.7	3.2
6	16.4	25.0	19.0	87.7	19.654	17.2	2.5	0.0	2.5	3.5
7	14.5	24.5	18.9	87.3	18.951	16.6	0.0	0.0	0.0	4.6
8	15.0	25.1	19.9	84.0	19.539	17.1	0.0	0.0	0.0	4.8
9	14.9	25.5	19.5	82.2	18.846	16.6	0.0	0.0	0.0	3.5
10	14.5	26.5	20.4	81.8	19.485	17.1	0.0	0.0	0.0	5.7
11	15.5	27.0	20.6	80.2	19.057	16.7	0.0	0.0	0.0	8.1
12	15.5	27.0	20.6	81.4	19.675	17.2	0.0	0.0	0.0	2.6
13	15.5	28.0	21.0	81.0	20.075	17.5	0.0	0.0	0.0	6.8
14	15.5	25.8	20.4	84.6	20.394	17.8	0.0	1.2	1.2	3.9
15	17.5	26.3	20.5	80.1	19.581	17.1	0.0	51.9	51.9	5.9
16	14.4	24.5	18.7	90.2	19.379	17.0	3.8	0.3	4.1	3.1
17	16.0	28.0	20.4	81.3	19.277	16.9	0.0	0.0	0.0	6.2
18	17.0	27.3	20.8	79.7	19.353	16.9	0.0	0.0	0.0	8.2
19	16.5	25.6	19.8	83.8	19.573	17.1	0.0	0.0	0.0	4.0
20	13.0	26.5	19.5	81.2	17.939	15.7	0.0	0.0	0.0	8.1
21	15.5	28.5	21.0	78.6	19.270	16.9	0.0	0.0	0.0	8.8
22	17.0	26.5	21.1	82.8	20.818	18.1	0.0	0.0	0.0	7.7
23	17.3	26.5	20.5	83.3	20.195	17.7	0.0	25.4	25.4	8.6
24	16.0	24.5	19.8	87.6	20.239	17.7	0.0	0.0	0.0	1.6
25	16.0	25.5	19.5	82.1	18.758	16.5	0.7	0.0	0.7	1.7
26	16.0	23.8	19.2	84.4	18.833	16.5	0.0	0.0	0.0	0.7
27	16.1	24.5	19.2	79.0	17.815	15.6	0.4	0.0	0.4	2.9
28	13.6	28.0	19.5	79.1	17.557	15.4	0.0	0.0	0.0	8.6
29	16.0	26.8	20.5	82.1	19.917	17.4	0.0	0.0	0.0	10.1
30	16.6	26.0	20.3	81.4	19.406	17.0	0.0	0.0	0.0	6.9
31	16.3	24.1	18.6	85.2	18.548	16.3	0.0	0.0	0.0	4.0
PROM.	15.7	25.9	19.9	83.3	19.392	17.0	8.8	90.4	99.2	168.0

M E S - AGOSTO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.1	26.0	19.1	83.2	18.301	16.1	8.8	0.0	8.8	4.3
2	12.5	28.9	20.3	79.7	18.418	16.2	0.0	0.0	0.0	8.2
3	17.5	24.5	19.8	84.8	19.760	17.3	0.0	0.0	0.0	3.8
4	14.5	25.5	19.6	81.3	18.316	16.1	0.0	1.2	1.2	5.2
5	16.8	24.0	19.5	84.5	19.201	16.9	0.0	0.0	0.0	4.2
6	16.3	25.0	18.8	88.6	19.425	17.0	0.4	12.1	12.5	6.7
7	16.0	23.0	17.8	90.5	18.576	16.3	4.9	13.0	17.9	4.4
8	14.5	25.0	18.4	86.3	18.474	16.2	0.0	0.0	0.0	6.9
9	15.5	25.0	19.3	81.6	18.162	16.0	0.0	0.1	0.1	6.8
10	13.0	28.0	19.6	80.3	17.932	15.7	0.0	0.0	0.0	8.4
11	14.0	26.0	19.0	80.3	17.755	15.6	0.0	0.0	0.0	7.7
12	14.5	25.4	19.4	82.2	18.685	16.4	0.0	0.8	0.8	9.7
13	15.5	25.5	19.8	79.0	17.997	15.9	0.0	2.5	2.5	6.4
14	14.4	26.0	19.6	78.3	17.455	15.4	0.3	2.2	2.5	7.2
15	14.8	27.4	19.9	77.8	17.692	15.5	2.8	0.0	2.8	5.8
16	16.5	25.0	19.4	83.3	19.103	16.8	1.8	0.0	1.8	2.3
17	15.0	26.0	19.7	81.5	18.486	16.3	0.0	0.0	0.0	7.0
18	15.0	25.8	20.1	81.8	19.025	16.7	0.0	0.0	0.0	7.6
19	15.0	26.0	20.0	81.2	19.247	16.9	7.9	8.8	16.7	6.3
20	15.0	24.5	19.3	80.6	18.202	16.0	1.8	0.3	2.1	3.1
21	15.5	24.5	19.8	83.8	19.072	16.7	0.0	0.0	0.0	2.0
22	15.0	26.2	19.5	88.3	19.723	17.3	0.0	0.0	0.0	7.2
23	17.0	28.8	21.3	77.3	19.106	16.7	0.0	0.0	0.0	8.8
24	16.5	28.8	21.3	76.3	19.567	17.1	0.0	0.0	0.0	9.4
25	17.5	26.5	20.9	86.5	21.690	18.8	0.0	0.0	0.0	3.4
26	16.0	26.5	19.9	83.2	19.217	16.9	0.0	0.0	0.0	5.1
27	14.6	26.0	18.8	88.9	19.363	17.0	0.0	0.0	0.0	5.8
28	17.1	28.8	21.1	79.2	19.486	17.1	0.0	0.0	0.0	7.4
29	17.7	26.5	20.5	81.6	19.770	17.3	0.0	0.0	0.0	6.2
30	16.0	27.0	20.4	82.8	19.856	17.4	0.0	4.5	4.5	6.1
31	17.1	27.0	20.0	83.8	19.746	17.3	0.9	0.0	0.9	4.9
PROM.	15.5	26.1	19.7	82.5	18.929	16.6	29.6	45.5	75.1	186.3

ESTACION: JULIO FERNANDEZ MUNICIPIO: RESTREPO AÑO: 1.977

ALTITUD: 1.360 LAT'TUD: 3-49 N. LONGITUD: 76-31 W.

M E S – SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	27.0	20.7	78.9	19.407	17.1	0.0	0.0	0.0	6.4
2	16.5	27.1	20.8	80.7	20.042	17.6	0.0	0.0	0.0	6.2
3	18.5	26.6	20.5	83.2	20.472	17.9	1.1	0.0	1.1	3.2
4	15.5	26.8	20.4	80.9	19.389	17.0	0.0	12.7	12.7	8.5
5	15.8	26.0	20.3	80.4	18.824	16.5	0.0	0.0	0.0	6.0
6	15.0	27.0	21.4	76.2	19.482	17.1	0.0	0.0	0.0	9.0
7	15.0	28.0	21.2	79.6	19.797	17.3	0.0	0.0	0.0	9.5
8	15.0	25.0	22.7	85.4	22.561	19.7	0.0	0.0	0.0	2.1
9	15.0	25.5	20.6	85.1	20.719	18.1	0.6	0.2	0.8	2.0
10	15.0	25.0	20.5	82.9	20.210	17.7	0.0	0.0	0.0	3.8
11	17.5	25.5	20.7	83.5	20.510	17.9	0.0	0.0	0.0	5.7
12	17.5	24.0	19.9	86.0	20.141	17.6	0.0	0.0	0.0	0.4
13	16.0	26.3	19.7	81.0	18.858	16.6	0.0	8.9	8.9	2.1
14	16.7	22.4	18.5	89.7	19.336	17.0	4.3	0.0	4.3	0.0
15	15.6	25.0	18.6	84.4	18.196	16.0	0.0	0.0	0.0	3.8
16	16.0	26.0	19.9	82.6	19.252	16.9	0.0	0.0	0.0	6.8
17	16.6	26.5	20.8	78.5	19.173	16.8	0.0	0.0	0.0	7.4
18	16.1	26.6	20.8	78.1	19.125	16.8	0.0	0.0	0.0	6.3
19	13.5	28.5	20.3	77.7	17.888	15.7	0.0	7.1	7.1	7.7
20	16.0	25.0	19.4	85.3	19.300	16.9	0.6	3.2	3.8	6.7
21	16.5	25.0	18.4	89.8	19.204	16.8	7.4	0.2	7.6	0.3
22	16.1	25.0	19.0	87.8	19.431	17.0	0.0	0.0	0.0	2.9
23	17.1	27.8	20.3	81.6	19.551	17.1	0.0	0.0	0.0	4.0
24	17.5	25.8	19.4	83.6	19.186	16.8	1.0	0.0	1.0	3.7
25	15.9	24.6	18.7	77.8	16.557	14.4	0.1	9.9	10.0	1.9
26	16.0	23.5	19.0	85.3	18.681	16.4	0.1	0.0	0.1	0.5
27	16.0	22.0	18.7	86.2	18.792	16.5	5.5	1.9	7.4	0.0
28	16.0	23.0	19.0	87.3	19.065	16.7	1.1	23.0	24.1	0.8
29	16.0	21.0	18.1	86.8	18.107	15.9	0.5	0.2	0.7	0.1
30	15.0	24.8	19.6	84.5	19.420	17.0	0.0	0.0	0.0	3.4
PROM.	16.0	25.4	19.9	83.0	19.369	17.0	22.3	67.3	89.6	121.2

M E S – OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	24.5	19.4	85.3	19.480	17.0	1.3	7.1	8.4	3.5
2	15.0	25.5	19.7	84.6	19.244	16.9	0.0	0.0	0.0	4.5
3	14.5	25.5	20.1	80.9	19.050	16.7	0.0	0.2	0.2	7.7
4	17.5	25.2	19.3	85.7	19.367	17.0	1.1	11.1	12.2	4.9
5	15.5	25.6	20.3	75.5	18.471	16.1	0.4	0.0	0.4	5.3
6	16.5	25.5	19.8	80.7	18.778	16.5	0.3	15.2	15.5	6.0
7	16.5	24.3	19.2	85.6	19.128	16.8	14.1	3.0	17.1	2.2
8	15.5	25.3	19.6	84.9	19.291	16.9	0.0	13.3	13.3	7.9
9	16.4	22.8	18.5	82.4	17.557	15.4	2.2	0.0	2.2	0.4
10	13.5	25.0	18.6	86.9	18.766	16.5	0.2	0.0	0.2	3.6
11	16.0	25.0	18.7	94.3	20.461	17.8	14.5	1.0	15.5	1.7
12	16.0	25.5	19.3	86.5	19.732	17.3	0.3	1.0	1.3	4.0
13	16.5	24.2	18.8	86.8	19.020	16.7	2.2	0.0	2.2	1.1
14	15.8	27.0	20.4	82.5	19.644	17.2	0.0	2.6	2.6	5.5
15	17.0	26.2	20.6	76.7	18.374	16.1	0.0	0.0	0.0	7.9
16	16.8	25.5	19.7	87.3	20.356	17.8	0.0	0.0	0.0	5.9
17	16.8	25.6	19.6	85.8	19.942	17.4	0.0	1.1	1.1	5.9
18	15.8	25.8	20.3	85.2	20.489	17.9	1.6	0.0	1.6	2.8
19	16.8	27.0	21.2	80.7	20.360	17.8	0.0	8.3	8.3	6.6
20	18.0	28.4	21.1	82.1	20.576	18.0	0.0	0.0	0.0	7.5
21	17.5	28.0	21.3	81.4	20.812	18.2	0.0	0.0	0.0	6.6
22	17.5	24.0	19.8	87.2	20.224	17.7	0.0	0.0	0.0	1.6
23	16.0	25.0	19.9	86.6	20.205	17.7	4.1	11.5	15.6	2.7
24	17.0	25.0	19.9	85.9	19.981	17.5	0.0	0.0	0.0	3.5
25	16.0	25.5	19.7	86.6	20.183	17.6	1.3	0.0	1.3	4.8
26	16.6	23.5	19.3	82.8	18.759	16.5	0.0	0.2	0.2	0.8
27	16.6	24.5	19.6	86.6	19.947	17.5	0.0	0.0	0.0	2.6
28	16.0	25.3	18.6	81.4	18.207	16.0	39.3	14.3	53.6	3.7
29	13.0	26.6	19.9	81.6	18.733	16.5	1.1	9.7	10.8	6.0
30	14.5	20.0	17.0	92.3	18.169	16.0	9.7	0.0	9.7	0.1
31	10.5	25.0	18.8	85.9	18.478	16.2	0.0	0.0	0.0	8.5
PROM.	15.9	25.2	19.6	84.5	19.412	17.0	93.7	99.6	193.3	135.8

ESTACION: JULIO FERNANDEZ MUNICIPIO: RESTREPO AÑO: 1.977

ALTITUD: 1.360 LATITUD: 3-49 N. LONGITUD: 76-31 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.0	19.5	87.3	20.185	17.6	0.0	0.0	0.0	4.5
2	16.5	25.8	20.4	85.5	20.678	18.0	0.9	0.0	0.9	6.9
3	17.1	24.3	19.0	84.0	18.977	16.6	0.8	10.1	10.9	3.4
4	15.0	24.0	18.6	85.0	18.581	16.3	7.5	0.3	7.8	1.4
5	16.0	25.0	19.7	84.6	19.862	17.3	0.0	0.0	0.0	7.0
6	17.5	25.5	20.2	83.0	19.730	17.3	0.0	2.5	2.5	4.8
7	17.0	24.0	18.7	86.6	18.892	16.6	4.5	2.4	6.9	2.0
8	14.0	24.0	19.7	84.2	19.520	17.1	0.1	0.0	0.1	4.2
9	17.0	24.9	19.5	83.9	19.449	17.0	0.0	0.0	0.0	5.9
10	16.5	22.5	18.1	89.8	19.017	16.7	7.0	0.0	7.0	1.6
11	12.2	24.0	18.0	85.5	17.359	15.2	0.0	2.1	2.1	2.0
12	16.0	23.0	18.7	88.7	19.276	16.9	6.3	7.7	14.0	0.5
13	16.0	20.5	17.7	91.9	18.864	16.6	0.0	0.0	0.0	0.0
14	14.5	25.5	18.4	81.1	17.200	15.1	0.0	0.0	0.0	8.6
15	13.0	25.9	18.4	83.2	17.535	15.4	0.0	0.0	0.0	7.2
16	12.0	26.0	19.4	84.5	19.181	16.8	0.0	0.0	0.0	8.7
17	17.0	24.0	19.4	84.6	19.398	17.0	0.0	7.1	7.1	2.7
18	16.0	23.6	18.2	85.6	17.934	15.8	1.7	0.0	1.7	3.5
19	14.5	25.0	18.9	86.7	19.047	16.7	0.0	9.7	9.7	6.0
20	16.0	25.4	19.5	87.7	19.950	17.5	0.0	0.0	0.0	6.9
21	16.3	25.6	19.6	85.4	19.888	17.4	0.0	0.0	0.0	7.9
22	16.9	25.6	20.2	86.4	20.563	17.9	0.0	0.0	0.0	7.1
23	16.5	25.5	19.5	83.4	19.160	16.8	0.0	0.2	0.2	4.7
24	17.5	26.5	20.2	82.5	19.745	17.3	0.0	0.0	0.0	7.6
25	16.5	25.4	19.2	89.4	20.108	17.6	5.9	0.0	5.9	4.0
26	17.5	25.0	19.6	88.0	20.380	17.8	0.0	6.4	6.4	3.9
27	16.0	25.4	19.8	86.9	20.268	17.7	0.0	0.3	0.3	6.8
28	16.4	23.0	18.8	86.8	19.110	16.8	0.0	0.0	0.0	7.0
29	15.5	24.5	19.1	86.2	19.200	16.8	0.0	0.0	0.0	7.3
30	15.0	23.8	18.5	85.4	18.389	16.2	0.0	0.0	0.0	8.9
PROM.	15.8	24.6	19.2	85.8	19.248	16.9	34.7	48.8	83.5	153.0

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	25.0	19.2	88.0	19.697	17.2	0.0	0.0	0.0	6.1
2	17.0	23.5	19.4	85.5	19.557	17.1	0.0	1.2	1.2	1.7
3	16.5	26.6	19.9	85.6	19.988	17.5	0.0	0.0	0.0	4.1
4	17.3	26.3	20.8	82.3	20.253	17.7	0.0	0.0	0.0	5.2
5	16.3	26.4	20.4	83.9	20.391	17.8	0.0	0.0	0.0	8.2
6	16.6	26.8	20.3	84.0	20.228	17.7	0.1	5.9	6.0	8.1
7	16.0	26.0	19.5	89.6	20.567	17.9	0.0	0.9	0.9	5.5
8	15.6	26.6	20.1	82.6	19.274	16.9	0.0	0.0	0.0	6.2
9	16.8	26.8	20.9	84.3	21.164	18.4	0.0	5.3	5.3	6.8
10	16.5	26.6	19.7	81.6	18.865	16.6	2.4	0.0	2.4	8.1
11	13.5	26.8	19.9	80.6	18.215	16.0	0.0	0.0	0.0	6.0
12	16.5	23.0	19.6	87.1	19.964	17.5	0.0	19.2	19.2	4.8
13	16.7	24.0	18.5	83.9	18.035	15.9	12.8	0.0	12.8	1.8
14	13.5	25.5	19.2	85.7	19.008	16.7	0.0	0.0	0.0	6.4
15	17.0	25.0	20.2	85.2	20.473	17.9	0.0	0.0	0.0	4.5
16	17.0	20.0	18.3	92.9	19.675	17.2	0.3	0.0	0.3	0.0
17	15.6	25.0	19.6	80.8	18.283	16.1	0.0	0.0	0.0	8.7
18	16.0	25.0	19.9	83.8	19.566	17.2	0.0	0.0	0.0	7.4
19	15.6	24.0	19.1	84.7	19.123	16.8	0.0	0.0	0.0	4.9
20	12.5	28.0	19.2	80.8	17.587	15.4	0.0	0.0	0.0	8.8
21	16.5	26.0	19.8	84.7	19.725	17.3	0.0	0.0	0.0	7.7
22	16.6	26.0	19.8	85.3	20.086	17.6	0.0	3.1	3.1	7.8
23	16.8	26.0	20.6	84.1	20.500	17.9	0.0	0.0	0.0	9.0
24	16.5	25.4	20.9	85.6	21.225	18.4	0.0	0.0	0.0	7.8
25	15.5	25.1	19.7	86.2	19.784	17.3	0.0	0.0	0.0	5.1
26	17.5	26.0	19.6	87.2	20.192	17.6	0.0	0.0	0.0	3.5
27	17.0	22.0	18.7	85.7	18.658	16.4	0.0	5.8	5.8	0.9
28	15.5	24.0	18.6	88.8	19.233	16.9	1.1	0.0	1.1	3.1
29	16.5	21.0	17.8	93.3	19.204	16.9	5.0	1.2	6.2	0.0
30	15.6	23.0	19.0	88.8	19.780	17.3	0.0	0.0	0.0	4.3
31	16.5	24.8	19.3	83.1	18.814	16.5	0.0	0.3	0.3	5.4
PROM.	16.1	25.0	19.6	85.3	19.584	17.1	21.7	42.9	64.6	165.9

ESTACION: JULIO FERNANDEZ MUNICIPIO RESTREPO AÑO: 1.977

ALTITUD: 1.360 LATITUD: 3-49 N. LONGITUD: 76-31 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.2	27.0	20.4	13.0	29.9	80.9	19.316	16.9	15.4	3	200.5
FEBRERO	15.6	26.6	20.3	13.5	29.8	80.9	19.073	16.7	58.3	9	
MARZO	16.9	27.6	20.9	14.5	31.5	80.9	19.546	17.4	33.3	10	135.9
ABRIL	16.0	26.2	20.2	10.6	30.0	82.4	19.286	16.9	77.0	14	
MAYO	16.6	25.6	19.8	14.0	29.0	84.0	19.414	17.0	71.3	17	
JUNIO	16.2	25.2	19.7	12.5	28.6	84.3	19.286	16.9	102.2	19	131.0
JULIO	15.7	25.9	19.9	13.0	28.5	83.3	19.392	17.0	99.2	10	168.0
AGOSTO	15.5	26.1	19.7	12.5	28.9	82.5	18.929	16.6	75.1	14	186.3
SEPTIEMBRE	16.0	25.4	19.9	13.5	28.5	83.0	19.369	17.0	89.6	14	121.2
OCTUBRE	15.9	25.2	19.6	10.5	28.4	84.5	19.412	17.0	193.3	22	135.8
NOVIEMBRE	15.8	24.6	19.2	12.0	26.5	85.8	19.248	16.9	83.5	16	153.0
DICIEMBRE	16.1	25.0	19.6	12.5	28.0	85.3	19.584	17.1	64.6	13	165.9
PROMEDIO	16.0	25.9	19.9	12.7	28.9	83.2	19.355	17.0			
TOTAL									962.8	161	

ESTACION: MESITAS DE SANTA INES MUNICIPIO: CACHIPAY AÑO: 1.977

ALTITUD: 1.250 LATITUD: 4-40 N. LONGITUD: 74-28 W.

L L U V I A E N M I L I M E T R O S

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.9	0.0	0.0	0.5	0.0	1.4	1.5	0.0	3.1	4.6	0.0
2	0.0	0.0	9.2	0.0	22.3	16.4	0.0	0.3	0.0	0.0	3.8	9.0
3	0.0	0.0	0.0	16.2	0.8	0.0	0.2	1.1	0.0	0.0	30.5	0.6
4	0.0	0.0	0.0	20.0	0.0	1.5	0.9	0.0	0.4	11.7	3.4	5.9
5	0.0	0.0	0.0	47.6	0.0	0.7	1.0	0.0	0.0	1.1	0.0	0.0
6	0.0	0.0	0.0	1.3	0.2	5.0	0.1	0.0	0.0	0.1	30.0	0.0
7	0.0	0.0	0.0	31.9	0.0	26.1	7.4	0.0	0.0	20.6	18.2	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.0
9	0.0	0.0	0.0	0.6	0.5	0.0	0.8	0.4	0.0	24.4	8.1	0.0
10	0.0	0.0	0.0	0.0	1.8	0.0	0.0	3.3	0.0	6.8	3.8	0.0
11	0.0	0.0	0.0	0.2	4.6	0.1	0.0	0.0	0.0	6.1	0.0	0.1
12	0.0	0.8	0.0	0.1	0.0	46.0	0.0	7.0	0.0	0.0	33.5	0.0
13	0.0	0.8	0.0	0.0	0.0	0.8	0.0	0.7	0.0	9.8	48.0	0.0
14	0.0	0.0	2.0	0.0	0.3	0.3	0.5	0.0	8.4	0.0	0.3	0.0
15	0.5	0.0	27.3	0.0	6.2	0.0	2.9	0.7	0.0	0.0	2.3	0.0
16	0.0	0.0	0.3	0.0	13.2	0.0	0.0	3.5	0.0	0.0	0.0	0.5
17	0.0	0.5	0.0	0.0	0.0	2.5	0.0	0.0	0.0	10.3	0.4	0.2
18	0.0	1.0	0.5	0.0	7.2	0.0	0.0	0.0	6.6	1.8	0.6	6.4
19	9.1	0.0	0.0	0.0	8.2	0.0	0.0	2.9	0.0	29.1	26.7	0.5
20	0.0	2.4	0.3	0.0	0.0	2.7	0.0	15.1	25.4	3.4	19.2	0.0
21	0.0	32.2	0.0	0.0	0.0	7.6	0.0	12.5	28.5	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0
23	0.0	0.0	10.0	14.1	30.0	0.0	0.0	0.0	2.8	2.7	5.4	0.0
24	0.0	3.8	3.5	25.4	0.0	1.9	0.1	0.0	0.0	0.2	0.0	0.0
25	0.7	37.7	0.7	0.2	0.9	0.0	0.0	0.0	9.5	0.0	0.0	0.0
26	0.7	0.0	0.0	32.5	8.2	0.0	2.9	0.0	2.1	0.9	0.1	0.0
27	0.0	0.0	0.7	9.3	12.5	0.0	11.4	0.0	52.2	0.0	0.0	41.8
28	0.0	0.0	9.9	0.1	0.6	0.0	0.0	0.0	21.8	12.0	0.0	4.3
29	0.0	0.0	0.0	5.9	4.8	0.4	0.0	0.6	4.5	0.0	0.0	0.4
30	4.5	0.0	0.5	4.4	0.0	0.8	0.0	3.3	62.3	2.1	0.0	0.6
31	2.5	0.0	0.7	0.0	0.2	0.0	0.0	0.0	0.0	0.9	0.0	0.0
Total	18.0	80.1	65.6	209.8	123.0	112.8	29.6	53.0	232.0	147.3	238.9	70.3
D.Ll.	6	5	13	16	19	15	12	15	13	20	18	12

TOTALES ANUALES 1380.4 m.m. 168 D. Ll.

B R I L L O S O L A R E N H O R A S

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	5.4								5.1	1.7	2.8	9.2
2	5.6								4.9	4.2	4.7	6.3
3	5.8								5.0	8.5	2.6	1.6
4	4.1								6.9	6.1	0.7	5.6
5	8.1								3.8	5.6	2.3	7.2
6	6.4								7.7	5.5	3.7	8.4
7	7.1								8.7	3.2	1.9	4.3
8	6.7								4.6	2.8	5.1	5.9
9	5.5								6.4	2.2	0.8	5.9
10	4.0								3.4	0.9	0.1	7.8
11	4.6								5.8	5.1	1.1	1.9
12	4.6								1.9	3.7	1.2	4.0
13	5.9								3.3	0.6	1.5	1.9
14	7.7								0.8	5.0	3.2	3.2
15	5.0								5.1	5.7	1.7	1.5
16	5.1								5.0	4.2	3.1	6.2
17	5.0								4.9	2.3	3.2	7.5
18	2.0								6.4	4.1	5.7	6.9
19	2.2								7.0	2.3	4.0	6.9
20	4.9								4.0	2.9	4.3	6.6
21	4.9								2.6	8.6	4.8	7.8
22	6.2								1.5	5.0	6.1	3.5
23	8.5								2.0	7.2	3.9	2.9
24	2.1							8.2	8.0	3.1	4.4	8.5
25	2.1							6.0	4.2	4.1	3.4	5.3
26	1.1							2.6	2.9	0.1	1.2	1.2
27	6.0							4.0	0.4	2.2	6.2	4.1
28	3.3							5.3	2.4	0.6	3.2	3.1
29	5.0							5.1	2.8	3.1	9.9	2.4
30	4.5							6.4	4.0	2.9	10.1	6.1
31	3.5							3.2	0.0	8.5	0.0	4.7
Total	152.9								131.5	122.0	109.9	158.4

TOTAL ANUAL —

ESTACION: LA UNION MUNICIPIO: LA UNION ANO: 1.977

ALTITUD: 1.800 LATITUD: 1-37 N. LONGITUD: 77-09 W.

L L U V I A E N M I L I M E T R O S

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1			0.0			11.4	0.0	0.2	0.0	1.8	0.9	0.0
2			0.0			10.9	0.0	0.0	0.0	13.1	0.0	23.6
3			0.0			2.4	0.0	0.0	0.0	42.3	5.6	0.0
4			0.0			0.2	0.0	0.0	0.0	19.4	38.1	0.0
5			0.0			0.0	0.0	2.0	0.0	6.5	18.2	0.0
6			0.0			0.0	0.0	0.1	0.0	20.8	22.4	0.0
7			0.0			12.3	1.7	0.0	0.0	0.0	0.0	0.0
8			0.0			0.0	0.0	0.0	0.0	14.1	0.1	0.0
9			0.0			0.0	0.0	0.0	0.0	2.4	0.0	0.0
10		0.0	0.0			1.4	0.0	0.2	0.0	22.4	0.2	0.0
11		0.0	0.0			17.6	0.1	0.0	0.0	21.9	13.5	8.9
12		0.0	0.0			0.0	0.0	5.9	0.0	3.0	0.0	0.2
13		0.0	0.0		0.8	0.0	0.0	41.6	0.0	1.9	0.0	4.4
14		0.0	7.8		13.9	0.0	0.1	6.0	0.3	0.1	0.0	0.9
15		2.8	0.0		50.5	0.0	4.9	3.7	0.0	1.2	0.0	3.5
16		1.8	0.0		15.7	0.0	0.0	0.0	0.0	0.0	0.8	1.9
17		0.0	0.5		0.4	0.0	0.0	0.3	0.1	1.3	53.7	0.0
18		0.0	0.0		0.0	0.0	0.0	0.0	0.5	0.1	1.2	0.0
19		5.9	0.0		0.0	0.0	0.0	0.1	0.0	0.0	4.7	0.0
20		12.5	0.0		0.2	9.1	0.0	6.3	16.6	0.0	8.1	0.0
21		24.2	0.0		0.0	1.4	0.0	0.0	33.0	0.1	0.0	0.0
22		0.0	37.7		19.2	1.3	0.0	0.1	0.4	1.8	0.3	0.0
23		0.0	13.4		0.9	4.1	0.2	0.1	0.0	24.6	9.1	0.6
24		0.0	4.0		0.0	0.0	0.1	0.1	0.0	31.9	2.0	0.0
25		11.1	0.0		0.1	0.8	0.1	0.0	21.6	35.5	0.0	0.0
26		0.0			0.0	0.1	29.3	0.0	11.6	3.6	7.5	0.0
27		0.0			0.0	0.0	7.2	0.0	58.8	1.4	2.9	0.0
28		0.0			4.9	0.0	0.0	0.0	12.4	9.2	0.0	0.0
29		0.0			0.0	0.0	0.0	0.0	8.5	1.2	0.0	0.0
30		0.0			0.2	0.0	0.0	0.0	11.9	11.5	0.0	0.0
31		0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total		58.3				73.0	43.7	66.7	175.7	293.1	189.3	44.0
D.LI.		6				13	9	14	12	26	18	8

TOTALES ANUALES m.m. D.LI.

B R I L L O S O L A R E N H O R A S

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	5.7	1.4	3.6				3.4	4.5	7.1	0.9	5.7	1.8
2	2.5	2.6	3.9			0.7	9.3	5.6	8.8	5.7	4.0	6.9
3	9.9	6.8	4.0				6.7	4.9	7.8	5.7	2.8	
4	9.8	9.7	9.2				6.7	4.9	3.1	2.8	1.7	
5	9.6	7.2	5.0				2.7	5.4	8.0	3.0	1.0	
6	9.7	4.5	4.3				2.5	3.6	8.6	3.5	4.7	5.2
7	7.0	9.8	6.4				1.7	3.9	10.3	0.5	2.8	3.8
8	8.6	10.0	8.6				3.8	4.6	4.8	6.7	9.2	4.8
9	7.2	6.3	4.3			6.0	5.9	6.3	3.0	3.3	7.2	7.7
10	9.5	7.1	2.2			0.7	6.4	5.1	7.0	3.3	3.4	6.1
11	9.0	2.5	6.0			4.7	4.8	9.5	6.5	0.3	2.3	5.0
12	9.1	2.0	8.8				9.0	6.1	3.9	2.6	3.2	0.9
13	8.5	5.4	6.9			3.0	9.7	7.0	6.6	5.1	2.5	3.7
14	8.6	3.5	6.4			2.9	9.2	8.9	6.1	4.3		
15	7.4	2.3	2.9			3.9	4.2	5.4	2.2	5.3	7.2	3.0
16	6.4	3.3	2.3			8.3	4.1	1.0	7.5	4.1	6.3	2.5
17	5.6	4.2	4.1			9.7	10.2	5.8	0.0	3.7	3.1	5.9
18	8.3	2.8	5.2			5.2	7.9	4.4	0.7	1.7		
19	3.6	1.8	7.6			8.8	5.2	3.4	6.2	9.0	5.8	
20	2.9	0.3				4.0	5.8	6.1	2.3	3.7	3.0	6.0
21	4.5	1.4				0.5	9.8	2.4	0.5	7.9	1.6	9.6
22	5.2	3.9	0.8			4.8	8.7	6.7	2.0	4.3		4.6
23	7.7	8.0	0.4			7.9	6.7	10.4	1.4	5.1	1.8	4.6
24	7.6	2.9	1.1			6.1	3.7	6.9	1.6	1.1	0.3	8.2
25	6.1	3.2	10.0		2.5	3.7	3.4	3.3	0.0	0.0	2.5	
26	4.8	5.9			7.6		3.3	5.1	0.5	0.6	0.2	
27	4.5	6.8			2.0	8.2	0.2	6.0	0.4	1.8	0.0	
28	4.0	4.8			1.6		9.2	6.6	0.8	2.5	4.3	
29	6.1	0.0			2.0	5.2	5.0	4.2	4.0	0.2	3.5	
30	0.6	0.0			3.7		5.7	5.7	5.0	1.4	6.2	
31	0.4	0.0			4.7	0.0	5.3	5.4	0.0	2.8	0.0	
Total	200.4	130.4					180.2	169.1	126.7	102.9		

TOTAL ANUAL -1328.7

ESTACION: EL SENA **MUNICIPIO:** ARMENIA **AÑO:** 1.977

ALTITUD: 1.550 **LATITUD:** 4-33 N. **LONGITUD:** 75-40 W.

L L U V I A E N M I L I M E T R O S

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1		9.0	0.3	63.4	0.7	30.5	2.9	0.2	0.0	2.0	5.7	0.0
2		0.0	0.0	18.2	4.0	0.8	0.0	0.0	0.0	0.0	0.0	4.8
3		0.0	0.0	28.7	16.4	0.0	0.0	0.0	0.4	4.8	29.4	0.0
4		0.0	0.0	2.8	0.4	0.2	0.0	0.0	20.2	0.0	8.2	0.0
5		0.0	0.0	0.0	23.7	0.0	19.5	0.1	0.0	0.0	16.2	0.0
6		0.0	0.0	31.3	1.1	16.7	9.5	14.8	0.0	0.0	9.7	3.4
7		1.7	0.0	0.0	0.9	28.2	2.3	24.8	0.0	24.1	31.4	0.0
8		0.0	0.0	12.8	0.0	0.4	0.0	1.9	0.0	3.7	0.9	0.0
9		0.0	0.0	0.0	0.0	1.0	7.1	0.5	0.0	0.9	0.5	0.0
10		0.0	0.0	0.0	0.4	0.2	0.0	0.6	0.0	10.6	5.2	3.8
11		0.0	0.0	0.0	4.2	0.0	0.0	0.0	4.1	7.6	7.1	0.5
12		0.4	2.9	0.0	0.0	32.4	0.0	21.6	0.0	0.8	2.0	0.0
13		0.3	17.1	0.0	0.0	15.3	0.0	6.1	6.4	3.3	5.2	0.8
14		0.0	16.3	0.0	4.4	15.9	0.0	0.2	0.0	0.6	15.1	0.0
15		2.5	0.0	0.0	21.9	0.0	1.2	5.1	0.0	0.8	0.0	1.7
16		2.1	0.0	0.0	0.3	0.0	0.0	0.9	0.0	0.3	0.0	0.0
17		0.0	5.7	1.7	4.5	0.0	0.0	0.0	0.0	6.7	17.5	0.0
18	3.7	9.2	19.0	0.0	3.4	0.8	0.0	0.0	6.7	0.0	46.1	0.0
19	9.3	15.8	3.1	0.0	1.1	1.2	0.0	4.1	9.0	22.7	0.5	0.0
20	0.0	1.8	0.0	0.0	0.0	9.0	0.0	15.6	0.0	0.0	10.7	0.0
21	0.0	1.1	1.6	10.6	0.0	1.7	0.0	0.6	0.0	0.0	0.2	0.0
22	0.8	0.0	1.5	2.2	0.6	0.0	0.0	0.0	0.0	0.0	15.9	0.0
23	0.0	2.1	35.2	21.1	4.3	0.0	0.0	0.0	0.0	23.6	2.7	0.0
24	0.0	0.2	0.0	0.0	0.5	0.0	0.0	0.0	14.1	1.0	0.3	16.6
25	0.0	21.7	0.0	11.0	0.0	0.0	0.1	0.0	32.0	11.7	0.4	0.0
26	0.4	0.0	0.0	54.4	0.0	0.0	27.4	0.2	6.0	2.4	6.7	0.0
27	6.1	1.6	11.5	2.4	1.4	0.0	2.9	0.1	0.0	39.6	0.0	63.4
28	0.0	0.4	31.0	0.8	0.5	0.0	0.0	0.0	2.8	12.5	0.0	89.2
29	0.2	0.0	3.4	5.6	0.8	4.0	0.0	0.0	28.0	0.3	0.0	16.2
30	0.0	0.0	1.4	11.0	0.0	20.9	0.0	0.0	4.2	0.4	11.0	0.0
31	12.7	0.0	7.1	0.0	0.0	0.0	8.2	0.0	0.0	25.1	0.0	0.9
Total		69.9	157.1	278.0	95.5	179.2	81.1	97.4	133.9	205.5	248.6	201.3
D.LI.		15	15	16	21	17	10	17	12	23	24	11

TOTALES ANUALES 1780.7 m.m. 188 D.LI.

B R I L L O S O L A R E N H O R A S

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	7.2	3.3	2.2	2.5	9.3	4.1	6.5	2.6	6.5	0.4	0.2	5.0
2		5.1	6.2	6.3	6.5	2.0	7.3	7.0	8.4	4.1	3.2	3.4
3		6.9	6.2	4.3	5.2	3.5	2.7	4.8	5.3	4.9	3.2	4.4
4	4.1	6.1	9.1	0.3	4.2	3.4	6.9	4.0	5.0	3.1	0.1	3.3
5		6.0	6.4	6.6	0.1	6.0	3.4	4.2	7.0	3.7	2.6	5.1
6		5.5	5.6	6.0	4.4	5.1	1.3	2.8	7.3	1.9	1.4	6.0
7		0.2	8.8	3.8	2.7	10.2	1.8	1.6	9.9	0.8	1.3	
8		6.9	6.6	1.9	3.7		4.6	3.6	3.3	2.3	3.2	3.6
9		1.9	7.1	6.9	2.8		3.6	2.2	5.7	1.4	2.9	3.3
10		4.0	7.3	6.1	3.7		7.3	7.0	2.2	0.3	0.0	5.1
11		4.9	4.3	4.5	4.0		8.5	5.7	0.0	2.3	1.[illegible]	5.5
12		0.8	4.2	0.4	6.6		2.3	2.6	9.1	1.2	1.7	4.7
13		4.6	0.0	5.9	3.3	5.7	8.1	6.9	2.3	1.8	0.0	0.4
14		3.8	3.7	1.1	0.2		3.0	3.5	4.1	5.1	2.4	3.8
15		4.8	3.6	8.7	1.5	10.2	2.2	4.2	3.1	2.1	4.2	3.8
16		2.4	1.0	0.6	3.8	0.0	6.0	2.3	5.1	2.2	5.5	
17		2.9	4.7	0.3	4.6	8.3	4.8	7.1	6.7	5.8	3.2	
18	3.1	4.1	3.0	5.9	7.0	4.9	8.6	6.7	4.3	2.8	0.1	
19	3.3	1.2	0.9	1.0	8.1	4.1	5.9	4.5	5.5	3.3	3.9	
20	8.3	1.5	5.7	6.2	1.0	3.4	4.5	0.9	3.3	3.5	4.3	
21	8.5	2.1	5.3	0.0	0.5	2.2	10.6	2.7	1.6	6.0	5.6	
22	5.9	9.3	0.5	4.6	1.3	8.3	8.6	8.4	1.5	1.4	4.6	
23	4.0	5.0	1.5	0.0	1.5	0.6	7.1	10.0	3.4	2.7	4.3	
24	2.5	4.3	2.6	4.0	1.1	4.5	5.4	7.3	2.1	1.0	4.8	
25	5.6	2.4	1.4	8.6	0.6	7.9	0.3	6.6	1.9	3.2	3.4	
26	3.2	7.1	6.3	2.2	3.1	5.0	1.8	6.1	0.2	0.0	7.0	
27	6.3	7.4	1.4	2.7	1.2	9.3	1.7	4.4	0.0	1.2	5.0	
28	4.1	5.3	1.0	1.5	1.4	1.5	9.6	7.4	1.5	1.6	4.7	
29	4.8	0.0	3.1	1.5	0.2	1.6	10.5	6.3	1.1	1.4	6.8	
30	4.2	0.0	1.3	2.6	5.5	1.8	8.8	5.7	3.6	1.1	5.6	
31	5.2	0.0	1.4	0.0	0.9	0.0	3.3	1.1	0.0	0.9	0.0	
Total		119.8	122.4	107.0	98.8		167.0	150.2	121.0	73.5	96.3	

TOTAL ANUAL -1307.7

ESTACION: AGUAS BLANCAS | MUNICIPIO: SAN VICENTE | AÑO: 1.977

ALTITUD: 950 | LATITUD: 6-54 N | LONGITUD: 73-40 W

LLUVIA EN MILIMETROS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
										2.4	6.1	0.0
										0.0	0.0	0.0
										0.0	4.6	0.0
										30.4	0.0	0.0
										9.4	0.7	0.2
										0.4	1.6	0.3
									0.0	40.2	11.9	5.4
									0.3	12.2	22.1	0.0
									27.4	10.9	0.0	0.0
									3.4	3.1	4.1	0.0
									0.7	19.9	1.9	12.8
									2.5	14.9	6.3	0.0
									2.0	11.3	13.5	0.3
									6.5	0.0	22.9	0.0
									3.7	0.0	6.2	0.0
									0.2	0.0	0.0	0.0
									5.2	2.2	0.0	0.0
									0.3	0.0	0.6	0.0
									0.0	11.9	13.3	13.1
									1.2	0.0	1.9	0.1
									7.2	0.0	0.0	0.0
									3.5	0.0	0.0	0.0
									0.6	18.3	0.0	0.0
									0.7	0.0	0.0	0.0
									25.9	3.2	8.2	0.0
									21.5	0.4	2.3	0.4
									27.7	8.7	0.0	0.0
									0.0	0.3	0.0	10.7
									6.0	1.7	0.0	0.0
									0.0	32.3	0.0	0.0
									0.0	0.0	0.0	0.0
Total D.LI.										234.1 20	128.2 17	43.3 9

TOTALES ANUALES — m.m. — D.LI.

BRILLO SOLAR EN HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
										0.0	2.1	7.0
										6.9	3.1	5.9
										9.0	3.3	3.8
										6.0	1.6	5.0
										4.5	8.2	7.7
										3.2	2.0	5.9
									10.8	4.4	5.3	5.2
									5.9	4.2	4.7	8.1
									6.5	2.2	1.3	3.9
									6.3	1.8	3.9	2.1
									8.1	3.0	0.1	4.8
									1.6	2.0	3.3	5.3
									0.2	3.4	0.9	1.4
									2.8	5.2	0.6	5.2
									4.8	6.7	0.3	7.6
									7.5	5.0	5.0	5.8
									5.9	5.2	3.3	4.2
									2.5	1.3	7.3	6.9
									5.7	6.8	6.3	5.3
									3.0	4.7	3.3	5.9
									0.1	5.9	7.6	6.0
									2.2	4.0	5.3	6.9
									6.4	3.8	6.0	4.9
									1.4	6.0	4.6	8.8
									3.1	6.2	3.5	4.9
									0.5	2.6	4.0	2.8
									0.2	3.1	4.8	0.7
									1.5	0.5	4.3	3.1
									3.3	2.5	5.3	4.9
									4.4	6.6	7.7	4.8
									0.0	1.6	0.0	2.0
Total									98.7	128.3	119.0	156.8

TOTAL ANUAL - 502.8

ESTACION: SANTA ANA MUNICIPIO: PALESTINA AÑO: 1.977

ALTITUD: 1.250 LATITUD: 5-00 N. LONGITUD: 75-39 W.

LLUVIA EN MILIMETROS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.1	0.0	4.8	0.0	29.0	0.1	0.0	0.0	30.5	2.9	6.3
2	16.9	0.0	0.0	4.3	0.0	35.7	0.0	0.0	0.0	0.0	0.2	12.3
3	0.0	0.0	0.0	1.2	18.5	0.0	0.0	0.0	0.0	5.0	21.3	0.0
4	0.0	0.0	0.0	0.9	14.8	0.8	2.2	1.6	0.1	1.6	4.6	0.3
5	0.0	0.0	0.0	0.0	1.0	0.0	17.0	30.8	0.0	9.3	2.1	0.2
6	0.0	0.0	0.0	0.0	20.5	1.6	13.6	58.2	0.0	41.0	1.6	3.1
7	0.0	0.0	0.0	0.0	0.3	21.4	0.2	29.9	0.0	27.7	33.4	0.0
8	0.0	0.0	0.0	22.5	0.3	29.7	11.0	3.0	1.4	8.9	0.0	0.0
9	0.0	0.1	0.0	0.0	0.7	0.0	6.0	0.0	7.8	3.3	17.7	17.5
10	0.0	0.0	0.0	0.0	4.6	0.0	0.0	5.2	0.0	5.0	0.0	10.1
11	0.0	6.3	0.0	0.0	0.5	0.2	0.0	17.6	0.0	23.6	0.5	0.6
12	0.0	0.0	7.7	0.4	0.0	3.4	0.0	6.4	25.1	25.4	1.9	26.9
13	0.0	0.0	7.4	25.0	0.0	1.0	19.9	23.0	10.6	3.1	5.5	0.8
14	0.0	0.1	0.0	0.4	6.1	0.1	2.0	26.0	0.1	0.0	0.0	0.0
15	20.5	0.0	1.4	1.4	5.4	0.0	20.9	2.5	4.7	1.1	0.0	0.0
16	0.0	0.0	0.0	12.1	0.3	0.0	0.0	2.4	24.0	0.0	33.5	0.0
17	12.6	4.4	1.1	0.0	2.4	1.0	0.0	0.0	1.1	0.3	4.6	0.0
18	0.0	0.0	22.2	0.3	0.0	1.1	0.0	0.0	0.3	8.4	1.4	0.0
19	0.0	0.3	0.0	0.0	0.8	0.0	0.0	8.7	0.6	7.2	0.0	0.3
20	0.0	21.6	0.0	7.3	3.0	10.6	0.0	23.1	3.1	50.1	0.3	0.0
21	0.0	0.0	6.8	0.3	38.1	9.6	0.0	0.3	33.0	10.9	0.4	0.0
22	0.0	0.0	2.9	5.6	16.2	3.4	0.0	0.0	0.1	1.6	0.3	0.0
23	0.0	0.0	0.5	11.3	7.6	51.9	5.8	0.0	1.6	5.9	0.0	0.2
24	0.0	4.2	0.0	0.0	0.6	0.2	0.0	0.0	19.4	9.1	1.0	0.0
25	0.0	11.2	2.1	1.9	1.4	0.5	18.0	0.0	54.7	36.3	5.1	0.0
26	0.0	2.4	0.0	11.4	0.0	4.6	29.8	1.4	3.4	10.5	0.4	0.0
27	0.0	0.0	12.0	26.5	3.1	0.0	0.9	0.1	20.9	5.9	0.0	59.0
28	0.6	0.0	4.7	8.6	1.4	0.3	0.0	0.0	3.1	7.6	0.0	6.0
29	13.5	0.0	31.0	1.2	0.0	11.6	0.0	14.6	1.8	0.0	0.0	0.1
30	34.1	0.0	2.3	0.4	0.0	46.2	55.6	22.0	1.7	0.5	0.0	0.0
31	0.0	0.0	27.0	0.0	1.9	0.0	1.1	0.0	0.0	0.0	0.0	2.0
Total	98.2	50.7	129.1	147.8	149.5	263.9	204.1	276.8	218.6	339.8	138.7	145.7
D. LI.	6	10	14	21	23	22	16	19	22	26	20	16

TOTALES ANUALES 2162.9 215 Días lluvia

ESTACION: EL BREMEN MUNICIPIO: CIRCASIA AÑO: 1.977

ALTITUD: 2.040 LATITUD: 4-39 N. LONGITUD: 75-39 W.

LLUVIA EN MILIMETROS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	6.0	0.0	19.6	0.5	22.1	1.3	0.4	0.0	10.7	22.2	0.0
2	0.0	1.5	0.0	40.9	3.7	5.8	0.0	0.0	0.0	0.3	29.9	5.6
3	0.0	0.0	0.0	65.0	21.2	0.0	3.2	0.0	0.0	24.2	17.6	0.0
4	0.0	0.0	0.0	0.5	0.7	0.1	0.3	0.0	5.6	10.7	54.4	29.3
5	0.0	0.0	0.0	0.0	12.7	0.0	7.4	0.2	0.0	0.6	5.0	0.0
6	0.0	0.0	0.0	0.2	0.4	1.5	7.1	4.2	0.0	14.3	23.7	0.8
7	0.0	3.2	0.0	9.9	0.0	11.8	1.5	14.9	0.0	21.8	31.3	5.3
8	0.0	0.7	0.0	2.9	0.7	0.6	0.0	1.6	0.0	25.7	2.2	1.8
9	0.0	0.0	0.0	2.4	0.0	0.0	5.0	0.4	0.2	7.8	9.8	19.6
10	0.3	0.0	0.0	0.6	1.4	9.4	0.0	0.2	0.0	26.9	8.3	10.4
11	0.0	6.8	0.7	4.5	0.3	16.4	0.0	5.7	0.0	5.6	19.9	17.1
12	0.0	19.2	5.1	0.5	0.0	47.2	0.0	0.4	9.2	5.9	10.3	35.6
13	0.0	0.0	18.8	0.0	0.0	4.8	0.0	4.7	17.7	13.7	26.2	0.0
14	0.0	0.4	19.5	0.0	3.1	0.0	0.0	2.4	0.0	23.5	0.0	2.6
15	0.0	2.5	10.9	0.0	3.0	0.0	1.3	4.7	0.0	8.1	0.0	0.6
16	0.0	3.9	0.0	0.0	6.1	0.3	0.0	0.7	0.0	4.2	3.2	0.0
17	0.0	0.0	17.4	0.4	1.9	0.0	0.0	0.7	0.5	3.5	28.8	1.3
18	0.2	5.6	0.3	0.0	7.9	0.7	0.0	0.0	1.6	0.0	10.3	0.0
19	0.1	7.0	0.6	0.0	7.9	0.0	0.0	0.3	0.7	2.8	7.3	0.0
20	0.0	40.7	0.3	1.2	0.0	19.5	0.0	22.2	12.3	0.9	2.8	0.0
21	0.0	0.2	0.4	23.7	0.0	0.4	0.0	2.1	19.9	0.0	0.1	0.0
22	17.0	4.7	21.2	12.2	8.2	0.0	0.0	0.0	0.4	0.0	11.7	0.0
23	0.0	4.2	4.7	32.5	22.7	0.0	0.2	0.4	3.1	14.3	1.4	0.0
24	1.0	4.5	0.0	0.0	0.0	0.0	0.0	6.5	9.2	5.5	8.0	14.7
25	5.2	0.3	0.0	1.1	0.0	0.1	0.2	0.0	12.8	13.2	1.6	0.3
26	0.1	0.0	2.3	21.9	0.2	0.0	7.0	1.2	4.2	3.9	3.2	0.0
27	0.1	0.0	37.5	19.1	1.3	0.0	5.9	0.0	22.0	21.3	0.0	59.5
28	3.6	0.0	22.8	14.2	2.2	0.0	0.0	0.0	6.5	19.7	0.0	23.5
29	8.8	0.0	2.6	40.0	0.5	7.0	0.0	0.0	10.3	0.7	0.0	12.6
30	0.2	0.0	0.8	40.9	0.2	58.7	0.0	13.3	14.2	8.7	0.0	7.3
31	6.9	0.0	2.2	0.0	0.0	0.0	11.8	0.0	0.0	7.4	0.0	3.0
Total	43.5	111.4	168.1	354.2	106.8	206.4	52.2	87.2	150.4	305.9	339.2	250.9
D. LI.	12	17	18	22	22	17	13	21	18	28	24	19

TOTALES ANUALES 2176.2 231 D. LI.

ESTACION: PLANTA DE TRATAMIENTO MUNICIPIO: PEREIRA AÑO: 1.977

ALTITUD: 1.450 LATITUD 4-50 N. LONGITUD: 75-42 W.

LLUVIA EN MILIMETROS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	9.0	0.3	55.0	2.0	1.9	0.0	7.5	2.3	12.3
2	1.2	0.0	0.0	8.9	0.1	0.7	0.0	0.0	0.0	0.0	13.9	5.7
3	0.0	0.0	0.0	12.4	2.1	10.7	1.5	0.0	0.4	75.9	8.8	0.9
4	0.0	0.0	0.1	0.3	2.5	2.1	1.1	0.0	11.5	5.8	12.5	0.1
5	0.0	0.3	0.6	0.0	3.9	14.9	6.0	1.4	0.3	1.5	2.0	15.3
6	0.0	0.0	0.0	0.1	0.5	15.1	25.9	14.2	0.0	3.1	1.8	1.6
7	0.0	0.5	0.0	0.0	10.0	14.0	8.0	8.6	0.0	5.9	34.5	0.3
8	0.0	0.0	0.0	8.0	4.9	0.0	9.3	3.0	0.0	24.7	0.0	0.0
9	0.0	0.0	0.0	0.0	0.8	0.0	9.2	6.9	0.0	1.6	2.7	13.2
10	0.0	0.3	0.0	0.0	18.1	21.0	0.0	0.0	0.0	4.8	0.3	5.6
11	0.0	21.8	7.2	15.8	0.8	13.9	0.0	0.0	8.5	2.9	3.6	0.6
12	0.0	2.8	4.2	0.1	0.0	31.8	0.6	1.3	16.0	0.7	8.0	23.8
13	0.0	0.3	1.6	0.3	0.2	4.3	1.0	30.3	9.6	28.6	3.5	0.8
14	0.0	0.0	0.3	4.0	19.4	0.0	1.8	18.2	1.5	25.7	0.0	0.0
15	0.0	0.1	3.2	0.0	8.3	0.0	4.0	2.3	0.0	0.7	0.0	0.0
16	0.0	0.2	6.9	10.8	0.4	27.1	0.0	17.2	32.0	0.0	43.1	0.0
17	0.3	0.3	24.7	0.3	4.5	0.5	0.0	1.5	16.1	42.6	35.9	0.0
18	17.9	0.0	2.5	0.0	0.0	11.1	0.0	1.9	0.4	0.0	17.9	0.0
19	0.1	11.3	0.2	0.0	0.1	0.0	11.1	9.3	0.0	0.2	3.8	0.0
20	0.0	0.9	0.0	4.4	0.2	2.3	3.0	26.3	8.8	0.0	8.2	0.0
21	0.0	0.0	2.6	20.2	7.2	2.3	0.0	0.9	30.2	0.0	0.8	0.0
22	0.2	0.0	3.5	49.6	1.5	0.3	0.0	0.0	19.9	3.2	0.7	0.0
23	0.0	0.0	12.2	37.2	32.0	0.0	5.4	0.0	0.0	7.4	2.7	0.0
24	0.0	8.2	0.0	0.0	0.0	0.0	4.1	0.0	0.2	13.3	4.5	0.0
25	29.6	0.0	0.0	0.6	28.8	1.8	0.2	2.2	41.9	10.2	50.3	0.0
26	0.0	10.7	0.0	13.2	1.3	6.5	71.5	11.1	6.8	20.2	5.0	0.4
27	0.0	0.3	0.4	8.9	7.8	0.0	2.0	0.8	38.3	0.0	1.0	30.6
28	16.5	0.0	38.7	17.1	3.2	1.2	0.0	0.0	5.0	21.5	0.0	50.3
29	4.0	0.0	40.0	19.6	0.0	27.9	0.0	3.1	1.6	0.3	0.0	0.0
30	0.0	0.0	4.0	19.8	0.0	29.2	2.0	7.7	0.3	6.1	0.0	0.0
31	0.0	0.0	13.5	0.0	8.6	0.0	3.3	0.0	0.0	0.0	0.0	0.2
Total	69.8	58.0	166.4	260.6	167.5	293.7	173.0	170.1	249.3	314.4	267.8	161.7
D. Ll.	8	14	19	22	26	22	21	21	20	24	24	16

TOTALES ANUALES 2352.3 237 Días lluvia

ESTACION: SANTIAGO GUTIERREZ MUNICIPIO: ARGELIA AÑO: 1.977

ALTITUD: 1.550 LATITUD: 4-43 N. LONGITUD: 76-10 W.

LLUVIA EN MILIMETROS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.9	0.0	4.5	8.6	0.0	0.0	0.9	0.0	0.0	0.6	0.0
2	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	10.1	37.3	4.4
3	0.0	0.0	0.0	14.5	3.4	0.7	1.3	12.2	0.0	21.4	1.5	0.0
4	0.0	0.0	0.0	0.0	11.5	10.2	13.6	0.0	0.0	8.6	14.4	0.0
5	0.0	0.0	0.0	0.0	5.5	6.5	7.3	2.9	0.0	1.0	14.7	0.0
6	0.0	0.0	0.0	11.9	0.0	4.6	1.1	10.3	0.0	7.5	2.9	17.9
7	0.0	0.0	0.0	0.0	0.0	13.9	0.0	12.4	0.0	3.6	17.0	0.2
8	0.2	0.0	0.0	0.7	0.8	0.0	0.0	2.1	0.0	1.6	5.2	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	19.1	0.0	0.2	1.5	1.1	31.0
10	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	3.2	1.5	0.5	0.0
11	0.0	1.4	0.0	11.7	0.5	1.1	0.1	0.0	3.3	1.3	3.6	0.0
12	0.0	1.1	0.0	0.4	0.0	0.0	0.0	41.9	0.0	13.5	0.7	0.1
13	0.0	0.0	0.0	0.0	0.0	8.7	0.0	5.1	0.0	0.0	0.3	0.0
14	0.0	3.9	0.0	0.3	10.6	0.1	0.0	0.0	5.6	10.7	0.1	0.0
15	0.0	0.4	0.0	2.9	1.1	0.0	1.2	0.0	1.2	1.0	0.0	0.0
16	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.3	0.0
17	0.0	1.0	0.0	0.0	3.3	19.8	0.0	0.1	0.1	0.9	0.1	0.0
18	0.0	0.2	1.8	0.1	2.3	0.0	0.0	5.3	0.1	0.0	12.5	0.0
19	24.9	3.3	0.5	0.0	27.0	0.0	3.7	4.7	0.0	28.1	0.0	0.0
20	0.0	0.1	0.0	0.0	0.0	0.0	2.6	0.6	0.9	14.8	0.0	0.0
21	0.0	0.3	0.6	0.0	0.0	1.7	0.0	0.0	14.1	6.6	0.5	0.0
22	0.0	0.1	0.7	29.1	6.5	0.0	0.0	7.0	0.1	0.0	2.4	0.0
23	0.0	0.0	0.3	17.0	0.0	0.3	0.0	0.4	16.5	13.7	0.0	0.0
24	0.0	0.6	0.0	5.4	0.0	0.0	0.0	0.0	40.0	20.9	4.7	0.0
25	6.2	0.0	0.0	0.7	19.8	0.0	0.6	0.3	5.9	13.4	0.0	0.0
26	0.0	0.0	0.0	0.0	11.2	0.0	15.1	0.0	3.0	0.5	4.4	0.0
27	0.0	0.0	17.0	2.5	29.7	0.0	3.8	0.0	16.3	0.0	0.2	19.4
28	1.3	0.2	5.0	8.6	3.7	0.0	0.0	0.0	1.8	20.6	0.2	0.0
29	0.0	0.0	7.3	1.5	0.0	0.0	0.1	10.2	4.3	0.0	0.0	6.8
30	0.6	0.0	12.7	2.9	0.5	7.5	0.2	1.0	0.5	6.5	0.0	0.0
31	0.0	0.0	1.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.2
Total	33.2	13.6	46.9	114.7	147.9	77.2	70.2	117.4	121.1	209.5	125.2	80.0
D. Ll.	5	14	10	17	18	14	15	17	18	24	23	8

TOTALES ANUALES 1156.9 183 Días lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: LA ALDEA — MUNICIPIO: DABEIBA — AÑO: 1.977

ALTITUD: 1.500 — LATITUD: 7-02 N — LONGITUD: 76-12 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	17.0	26.0	0.0	8.0	0.0	9.0	3.0	0.0
2	0.0	0.0	0.0	0.0	14.0	4.0	0.0	6.0	0.0	0.0	0.0	5.0
3	0.0	0.0	0.0	13.0	0.0	11.0	21.0	5.0	22.0	6.0	3.0	0.0
4	0.0	0.0	0.0	0.0	8.0	0.0	26.0	7.0	2.0	11.0	16.0	3.0
5	0.0	0.0	0.0	0.0	13.0	5.0	0.0	26.0	6.0	0.0	0.0	0.0
6	0.0	0.0	2.0	0.0	0.0	48.0	2.0	12.0	0.0	3.0	18.0	0.0
7	0.0	0.0	0.0	30.0	0.0	21.0	16.0	36.0	0.0	0.0	13.0	0.0
8	0.0	0.0	0.0	0.0	19.0	0.0	0.0	26.0	0.0	45.0	5.0	0.0
9	0.0	9.0	0.0	0.0	1.0	1.0	4.0	7.0	6.0	23.0	1.0	21.0
10	0.0	0.0	0.0	0.0	2.0	0.0	3.0	11.0	0.0	13.0	2.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	14.0	4.0	38.0	11.0
12	0.0	0.0	0.0	0.0	0.0	20.0	0.0	2.0	2.0	3.0	16.0	0.0
13	0.0	0.0	0.0	24.0	9.0	12.0	1.0	4.0	15.0	18.0	18.0	0.0
14	0.0	1.0	0.0	0.0	0.0	2.0	1.0	10.0	30.0	4.0	10.0	0.0
15	0.0	1.0	2.0	0.0	22.0	7.0	1.0	0.0	2.0	3.0	0.0	8.0
16	0.0	0.0	0.0	32.0	8.0	0.0	0.0	2.0	0.0	47.0	5.0	8.0
17	2.0	0.0	41.0	2.0	9.0	0.0	0.0	3.0	6.0	0.0	1.0	0.0
18	0.0	0.0	0.0	0.0	0.0	3.0	42.0	0.0	12.0	0.0	10.0	0.0
19	0.0	0.0	1.0	0.0	13.0	46.0	0.0	13.0	0.0	30.0	0.0	0.0
20	0.0	0.0	0.0	10.0	7.0	10.0	0.0	4.0	34.0	6.0	0.0	0.0
21	0.0	0.0	6.0	0.0	8.0	0.0	0.0	6.0	7.0	19.0	0.0	0.0
22	0.0	0.0	4.0	3.0	34.0	0.0	0.0	2.0	7.0	0.0	0.0	0.0
23	0.0	0.0	0.0	26.0	0.0	20.0	0.0	0.0	1.0	18.0	3.0	0.0
24	0.0	0.0	0.0	6.0	5.0	2.0	0.0	0.0	7.0	0.0	4.0	0.0
25	0.0	1.0	7.0	0.0	9.0	2.0	6.0	0.0	8.0	8.0	0.0	0.0
26	0.0	2.0	0.0	0.0	23.0	4.0	17.0	6.0	12.0	6.0	0.0	2.0
27	0.0	0.0	8.0	0.0	15.0	6.0	0.0	0.0	49.0	0.0	0.0	14.0
28	0.0	5.0	2.0	4.0	22.0	0.0	0.0	0.0	14.0	8.0	7.0	0.0
29	0.0	0.0	0.0	0.0	0.0	2.0	0.0	4.0	0.0	0.0	0.0	0.0
30	0.0	0.0	3.0	0.0	5.0	62.0	0.0	0.0	0.0	0.0	0.0	0.0
31	2.0	0.0	0.0	0.0	3.0	0.0	12.0	0.0	0.0	60.0	0.0	0.0
Total	4.0	19.0	76.0	150.0	266.0	314.0	152.0	205.0	256.0	344.0	173.0	72.0
D. Ll.	2	6	10	10	22	21	13	22	20	21	18	8

TOTALES ANUALES 2031.0 — 173 Días lluvia

ESTACION: LA NACIONAL — MUNICIPIO: TAMESIS — AÑO: 1.977

ALTITUD 1.190 — LATITUD: 5-40 N. — LONGITUD: 75-44 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	20.0	3.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.0
3	0.0	0.0	0.0	8.0	11.5	22.0	1.0	0.0	0.0	17.5	4.0	0.0
4	0.0	0.0	0.0	0.0	11.5	0.0	0.0	0.0	12.0	23.0	19.0	0.0
5	0.0	0.0	0.0	0.0	0.0	7.0	35.0	0.0	1.0	0.0	3.0	0.0
6	0.0	0.0	0.0	1.0	0.0	14.0	51.0	22.0	0.0	31.0	9.5	1.0
7	0.0	0.0	0.0	3.0	21.0	49.0	0.0	7.0	0.0	3.5	36.0	0.0
8	0.0	0.0	0.0	0.0	44.0	0.0	0.0	43.0	0.0	6.0	2.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	1.0	11.0	0.0	16.0	51.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	37.0	3.0	0.0
11	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	24.0	4.5	3.0
12	0.0	0.0	6.0	8.0	0.0	0.0	0.0	58.0	3.5	4.0	15.0	13.0
13	0.0	2.5	0.0	0.0	2.0	12.0	0.0	26.0	23.0	1.0	14.0	0.0
14	0.0	0.0	26.0	0.0	7.0	0.0	0.0	0.0	3.0	0.0	2.0	0.0
15	4.0	3.0	0.0	0.0	47.0	0.0	7.0	17.0	2.0	20.0	0.0	0.0
16	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0
17	0.0	0.0	0.0	16.0	3.0	0.0	0.0	12.0	0.0	23.5	5.0	4.0
18	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	40.5	0.0	3.0	5.0
19	0.0	0.0	5.0	0.0	25.0	0.0	27.0	12.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	14.0	0.0	27.0	3.5	15.0	0.0	0.0
21	0.0	0.0	17.0	0.0	5.0	1.5	9.0	1.0	5.0	35.0	0.0	0.0
22	0.0	0.0	0.0	5.0	12.0	0.0	7.0	0.0	5.0	9.0	2.0	0.0
23	14.0	0.0	17.0	0.0	53.0	0.0	0.0	0.0	24.0	3.0	4.0	0.0
24	0.0	6.0	0.0	25.0	15.0	0.0	0.0	0.0	31.0	1.0	0.0	0.0
25	0.0	0.0	0.0	32.5	0.0	0.0	3.0	0.0	38.0	11.5	2.0	0.0
26	0.0	0.0	0.0	25.0	4.0	0.0	28.0	0.0	0.0	0.0	2.0	1.0
27	0.0	0.0	19.0	12.0	3.0	0.0	0.0	0.0	15.0	12.5	0.0	15.0
28	0.0	0.0	0.0	13.5	4.0	0.0	0.0	0.0	7.0	30.0	0.0	0.0
29	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
30	0.0	0.0	1.0	2.0	3.0	64.0	14.0	0.0	21.0	8.0	0.0	0.0
31	0.0	0.0	2.0	0.0	0.0	0.0	16.0	0.0	0.0	5.0	0.0	0.0
Total	18.0	22.5	93.0	154.5	272.0	201.0	190.0	238.0	237.5	356.5	199.0	117.0
D. Ll.	2	4	8	13	18	10	11	12	17	23	20	8

TOTALES ANUALES 2099.0 — 146 Días lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: LA PLAYA MUNICIPIO: PENSILVANIA AÑO: 1.977

ALTITUD: 1.640 LATITUD: 5-31 N. LONGITUD: 75-03 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	7.0	26.0	0.0	14.0	33.0	3.0	0.0	15.0	0.0	0.0
2	0.0	0.0	8.0	30.0	0.0	15.0	2.0	0.0	2.0	12.0	11.0	27.0
3	0.0	8.0	0.0	20.0	0.0	12.0	2.0	0.0	1.0	0.0	31.0	0.0
4	13.0	0.0	4.0	0.0	8.0	26.0	3.0	0.0	0.0	10.0	6.0	0.0
5	0.0	5.0	0.0	0.0	8.0	10.0	17.0	3.0	0.0	4.0	3.0	4.0
6	0.0	10.0	0.0	15.0	4.0	5.0	23.0	9.0	0.0	9.0	9.0	2.0
7	8.0	9.0	0.0	0.0	0.0	20.0	2.0	4.0	0.0	11.0	2.0	2.0
8	0.0	8.0	0.0	0.0	2.0	8.0	5.0	27.0	0.0	16.0	8.0	8.0
9	9.0	0.0	0.0	0.0	12.0	13.0	8.0	1.0	4.0	14.0	5.0	14.0
10	25.0	12.0	0.0	0.0	4.0	8.0	0.0	0.0	0.0	38.0	3.0	0.0
11	6.0	14.0	0.0	2.0	0.0	13.0	0.0	0.0	0.0	21.0	8.0	0.0
12	0.0	0.0	52.0	0.0	11.0	5.0	0.0	9.0	0.0	44.0	8.0	0.0
13	0.0	4.0	14.0	0.0	7.0	7.0	0.0	26.0	0.0	9.0	12.0	0.0
14	0.0	35.0	22.0	0.0	14.0	28.0	1.0	4.0	13.0	6.0	8.0	0.0
15	0.0	22.0	7.0	0.0	0.0	7.0	0.0	27.0	4.0	4.0	2.0	1.0
16	0.0	28.0	0.0	0.0	20.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
17	0.0	34.0	17.0	0.0	9.0	0.0	0.0	4.0	24.0	7.0	0.0	0.0
18	8.0	14.0	11.0	0.0	8.0	0.0	0.0	12.0	2.0	9.0	2.0	5.0
19	10.0	35.0	0.0	0.0	9.0	0.0	12.0	14.0	34.0	11.0	4.0	4.0
20	4.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	14.0	14.0	0.0	0.0
21	11.0	9.0	0.0	0.0	15.0	0.0	0.0	0.0	19.0	6.0	0.0	0.0
22	10.0	10.0	0.0	0.0	16.0	0.0	0.0	0.0	25.0	4.0	0.0	0.0
23	0.0	11.0	22.0	0.0	24.0	0.0	34.0	0.0	13.0	0.0	0.0	0.0
24	4.0	8.0	15.0	0.0	0.0	0.0	15.0	0.0	27.0	0.0	2.0	0.0
25	0.0	0.0	18.0	10.0	7.0	0.0	42.0	0.0	17.0	2.0	0.0	7.0
26	20.0	0.0	10.0	17.0	8.0	0.0	34.0	0.0	24.0	4.0	0.0	0.0
27	25.0	0.0	24.0	20.0	34.0	0.0	2.0	0.0	14.0	2.0	0.0	0.0
28	0.0	7.0	13.0	25.0	30.0	0.0	0.0	0.0	21.0	5.0	0.0	0.0
29	0.0	0.0	9.0	15.0	18.0	0.0	3.0	0.0	14.0	0.0	0.0	0.0
30	0.0	0.0	19.0	9.0	20.0	0.0	5.0	0.0	50.0	0.0	0.0	0.0
31	0.0	0.0	33.0	0.0	5.0	0.0	52.0	0.0	0.0	3.0	0.0	0.0
Total	153.0	283.0	305.0	189.0	305.0	191.0	295.0	145.0	322.0	280.0	124.0	74.0
D. Ll.	13	19	18	11	24	15	19	14	19	25	17	10

TOTALES ANUALES 2666.0 mm. 204 Dias lluvia

ESTACION: LA MANUELITA MUNICIPIO: RICSUCIO AÑO: 1.977

ALTITUD: 1.350 LATITUD: 5-23 N. LONGITUD: 75-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	18.0	0.0	34.0	0.0	0.0	0.0	69.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	22.0
3	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	4.0	10.0	0.0	0.0
4	0.0	0.0	0.0	3.0	2.0	0.0	0.0	0.0	12.0	14.0	13.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	14.0	3.0	0.0
6	0.0	0.0	0.0	0.0	0.0	7.0	35.0	12.0	0.0	0.0	12.0	0.0
7	0.0	0.0	0.0	0.0	0.0	40.0	5.0	10.0	0.0	0.0	5.0	12.0
8	0.0	0.0	0.0	0.0	3.0	1.0	0.0	2.0	0.0	20.0	20.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	0.0	0.0	2.0	0.0
10	0.0	1.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	12.0	5.0	0.0
11	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	64.0	14.0	0.0
12	0.0	0.0	0.0	0.0	0.0	2.0	0.0	8.0	0.0	0.0	0.0	12.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	5.0	0.0	5.0	0.0
14	0.0	1.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
15	0.0	0.0	18.0	0.0	8.0	0.0	50.0	5.0	0.0	0.0	0.0	3.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	18.0	5.0	3.0	3.0
18	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	76.0	0.0	0.0	0.0
19	0.0	6.0	0.0	0.0	0.0	0.0	42.0	30.0	0.0	22.0	0.0	0.0
20	0.0	0.0	0.0	0.0	2.0	5.0	0.0	51.0	0.0	0.0	0.0	0.0
21	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	53.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0
23	8.0	10.0	24.0	38.0	25.0	0.0	44.0	0.0	0.0	18.0	0.0	0.0
24	2.0	16.0	0.0	0.0	1.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	26.0	38.0	10.0	0.0
26	2.0	0.0	0.0	4.0	6.0	0.0	29.0	0.0	0.0	0.0	11.0	0.0
27	0.0	0.0	14.0	5.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0
28	10.0	0.0	0.0	10.0	2.0	0.0	0.0	0.0	0.0	66.0	0.0	0.0
29	2.0	0.0	49.0	4.0	0.0	0.0	0.0	6.0	34.0	0.0	0.0	0.0
30	0.0	0.0	4.0	2.0	6.0	45.0	0.0	24.0	0.0	72.0	0.0	0.0
31	0.0	0.0	0.0	0.0	10.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0
Total	24.0	34.0	150.0	104.0	136.0	140.0	250.0	195.0	235.0	444.0	113.0	52.0
D. Ll.	5	5	7	9	14	8	9	12	12	13	13	5

TOTALES ANUALES 1877.0 mm. 112 Dias lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: LLANADAS **MUNICIPIO:** SALAMINA **AÑO:** 1.977

ALTITUD: 1.500 **LATITUD:** 5-25 N. **LONGITUD:** 75-32 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	38.0	0.0	34.0	8.0	0.0	6.0	14.0	0.0
2	0.0	0.0	0.0	0.0	8.0	0.0	2.0	0.0	0.0	0.0	22.0	0.0
3	0.0	0.0	0.0	52.0	0.0	0.0	0.0	0.0	4.0	4.0	0.0	25.0
4	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
5	0.0	0.0	0.0	14.0	0.0	2.0	0.0	8.0	2.0	0.0	9.0	0.0
6	0.0	0.0	0.0	2.0	6.0	0.0	0.0	10.0	0.0	7.0	0.0	2.0
7	0.0	0.0	0.0	0.0	0.0	2.0	30.0	0.0	0.0	0.0	2.0	0.0
8	0.0	0.0	0.0	6.0	0.0	28.0	0.0	0.0	0.0	22.0	18.0	0.0
9	0.0	0.0	0.0	0.0	0.0	2.0	10.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	4.0	6.0	0.0	0.0	10.0	0.0	18.0	0.0	22.0
11	0.0	0.0	0.0	10.0	0.0	2.0	0.0	0.0	0.0	16.0	20.0	0.0
12	0.0	0.0	0.0	0.0	58.0	8.0	0.0	0.0	2.0	0.0	0.0	0.0
13	0.0	0.0	0.0	10.0	40.0	6.0	0.0	16.0	0.0	10.0	12.0	0.0
14	0.0	0.0	0.0	2.0	0.0	0.0	0.0	10.0	30.0	34.0	0.0	0.0
15	0.0	0.0	12.0	0.0	16.0	0.0	0.0	8.0	2.0	20.0	0.0	0.0
16	0.0	0.0	34.0	8.0	0.0	0.0	10.0	0.0	6.0	0.0	0.0	0.0
17	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	2.0
18	0.0	0.0	2.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
19	0.0	12.0	0.0	0.0	8.0	0.0	0.0	8.0	2.0	2.0	16.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	6.0	35.0	0.0	0.0	0.0	2.0	0.0	2.0	0.0
22	0.0	0.0	8.0	16.0	40.0	0.0	0.0	2.0	0.0	2.0	0.0	0.0
23	8.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	26.0	40.0	4.0	0.0
24	0.0	0.0	0.0	14.0	7.0	0.0	6.0	0.0	10.0	0.0	0.0	0.0
25	0.0	4.0	0.0	2.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	2.0	0.0	0.0	6.0	8.0	0.0	0.0	0.0	36.0	2.0	5.0	0.0
27	0.0	2.0	4.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0	36.0
28	0.0	0.0	0.0	0.0	2.0	0.0	18.0	0.0	30.0	38.0	0.0	2.0
29	2.0	0.0	0.0	4.0	0.0	6.0	10.0	0.0	16.0	0.0	0.0	0.0
30	20.0	0.0	6.0	2.0	3.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
31	0.0	0.0	2.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	32.0	24.0	68.0	164.0	304.0	56.0	120.0	108.0	216.0	232.0	144.0	89.0
D. Ll.	4	4	7	18	17	8	8	10	15	16	12	6

TOTALES ANUALES 1557.0 mm. 125 Dias lluvia

ESTACION: TESORITO **MUNICIPIO:** MANIZALES **AÑO:** 1.977

ALTITUD: 2.250 **LATITUD:** 5-03 N. **LONGITUD:** 75-30 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.5	0.0	26.0	6.0	0.0	0.0	0.0	0.0	0.0	6.5	12.0
2	0.0	0.0	0.0	2.5	7.5	0.0	0.0	0.0	0.0	0.0	17.0	0.0
3	0.0	0.0	0.0	0.0	8.5	3.0	0.0	0.0	12.0	8.0	28.0	0.0
4	0.0	0.0	0.0	0.0	6.5	3.5	11.5	0.0	0.0	0.0	20.0	6.5
5	0.0	0.0	0.0	16.0	1.0	6.5	8.0	6.0	0.0	0.0	15.0	26.5
6	0.0	0.0	0.0	9.0	0.0	12.0	1.0	6.5	0.0	2.0	12.0	1.0
7	0.0	0.0	0.0	12.0	1.5	0.0	0.0	3.5	0.0	10.0	0.0	0.0
8	0.0	0.0	0.0	0.0	1.0	0.0	0.0	2.5	6.5	8.5	3.5	18.0
9	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	20.5	8.0	12.0
10	0.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0	6.0	18.0	1.0
11	0.0	1.0	4.5	1.0	0.0	5.0	0.0	8.0	6.5	12.0	12.0	6.5
12	0.0	0.0	2.5	0.0	4.0	8.0	0.0	4.0	23.0	6.5	12.[illegible]	2.0
13	0.0	2.0	0.0	0.0	32.0	0.5	1.0	0.0	24.0	0.0	2.5	0.5
14	7.5	2.0	0.0	0.0	15.0	0.0	8.0	6.5	2.0	1.0	0.0	0.0
15	0.0	10.0	12.0	0.0	15.5	0.0	1.0	0.5	2.5	2.0	0.0	0.0
16	0.0	4.0	3.0	5.0	12.0	0.0	0.0	0.0	1.0	13.0	11.0	0.0
17	0.0	1.5	6.5	0.0	1.0	0.0	0.0	0.0	2.0	2.0	8.5	0.0
18	0.0	2.5	0.0	0.0	22.0	0.0	11.0	10.0	0.5	2.5	0.0	2.5
19	0.0	0.0	0.0	0.0	2.0	23.0	2.5	8.0	17.0	6.0	0.0	1.0
20	0.0	1.0	0.0	7.0	8.0	4.0	0.0	1.0	5.0	4.0	0.0	0.0
21	0.0	0.0	0.0	26.0	1.0	0.0	0.0	0.0	2.5	4.5	0.0	0.0
22	19.0	0.0	2.0	34.0	10.0	0.0	0.0	0.0	8.0	4.0	0.0	0.0
23	10.0	3.0	2.5	0.0	3.5	0.0	0.0	0.0	12.0	3.0	0.0	0.0
24	0.0	0.0	10.0	31.0	1.0	0.0	0.5	0.0	10.5	0.0	5.0	0.0
25	0.0	0.0	3.0	13.0	4.5	0.0	41.0	4.5	1.0	4.0	0.0	3.0
26	0.0	0.0	8.0	10.0	7.0	0.0	2.0	0.0	22.0	1.5	0.0	4.0
27	0.0	0.0	7.5	26.5	2.0	0.0	0.0	0.0	8.0	2.0	0.0	5.5
28	7.5	0.0	3.0	6.0	0.0	5.0	0.0	0.0	6.5	4.0	0.0	6.0
29	6.0	0.0	8.0	2.0	0.0	23.0	0.0	0.0	4.2	41.0	0.0	0.0
30	0.0	0.0	7.0	1.0	18.0	1.0	20.0	0.0	30.0	2.0	0.0	0.0
31	0.5	0.0	1.0	0.0	18.5	0.0	1.0	0.0	0.0	0.5	0.0	0.0
Total	50.5	27.5	80.5	231.5	209.0	104.0	108.5	61.0	200.7	170.5	179.0	108.0
D. Ll.	6	10	15	18	25	13	13	12	22	25	15	16

TOTALES ANUALES 1530.7 mm. 190 Dias lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: EL RECREO — MUNICIPIO: PALESTINA — AÑO: 1.977

ALTITUD: 1.600 — LATITUD: 5-03 N. — LONGITUD: 75-38 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	4.0	10.0	30.0	2.0	0.0	0.0	38.0	0.0	0.0
2	0.0	0.0	0.0	16.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
3	0.0	0.0	0.0	16.0	40.0	6.0	0.0	4.0	0.0	16.0	18.0	5.0
4	0.0	0.0	0.0	4.0	0.0	0.0	0.0	2.5	0.0	0.0	3.0	0.0
5	0.0	0.0	0.0	0.0	10.0	2.0	8.0	14.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	6.0	5.0	14.0	56.0	0.0	30.0	12.0	2.0
7	0.0	0.0	0.0	0.0	4.0	25.0	20.0	18.0	0.0	16.0	28.0	0.0
8	0.0	24.0	0.0	12.0	2.0	14.0	26.0	28.0	0.0	10.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	10.0	14.0	0.0	2.0
10	0.0	14.0	0.0	0.0	2.0	0.0	0.0	18.0	11.0	10.0	6.0	0.0
11	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	10.0	60.0	4.0	0.0
12	0.0	0.0	2.0	0.0	32.0	4.0	0.0	2.0	15.0	4.0	0.0	26.0
13	0.0	0.0	13.0	24.0	5.0	0.0	4.0	56.0	32.0	0.0	12.0	0.0
14	15.0	14.0	0.0	0.0	2.0	0.0	12.0	0.0	2.0	0.0	0.0	2.0
15	0.0	0.0	4.0	0.0	8.0	4.0	10.0	18.0	12.0	0.0	0.0	0.0
16	0.0	0.0	0.0	16.0	0.0	2.0	0.0	0.0	8.0	0.0	24.0	0.0
17	4.0	14.0	0.0	0.0	4.0	2.0	0.0	0.0	2.0	0.0	4.0	0.0
18	0.0	5.0	22.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	1.0	0.0	2.0	18.0	0.0	14.0	0.0	0.0
20	0.0	10.0	0.0	0.0	22.0	8.0	0.0	20.0	4.0	24.0	0.0	0.0
21	0.0	0.0	12.0	0.0	6.0	0.0	0.0	0.0	44.0	10.0	0.0	0.0
22	3.0	0.0	2.0	10.0	6.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
23	0.0	6.0	12.0	18.0	0.0	6.0	30.0	0.0	0.0	0.0	6.0	0.0
24	0.0	14.0	0.0	0.0	6.0	0.0	4.0	0.0	6.0	0.0	0.0	0.0
25	38.0	32.0	4.0	10.0	0.0	0.0	3.0	0.0	42.0	2.0	24.0	0.0
26	36.0	0.0	0.0	10.0	4.0	8.0	17.0	6.0	34.0	26.0	0.0	0.0
27	8.0	0.0	40.0	50.0	2.0	0.0	15.0	0.0	24.0	8.0	0.0	50.0
28	0.0	0.0	8.0	12.0	0.0	0.0	0.0	0.0	0.0	20.0	4.0	8.0
29	0.0	0.0	22.0	2.0	0.0	30.0	0.0	4.0	0.0	2.0	0.0	0.0
30	0.0	0.0	2.0	0.0	4.0	50.0	40.0	0.0	0.0	9.0	0.0	0.0
31	0.0	0.0	14.0	0.0	18.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
Total	104.0	133.0	157.0	212.0	202.0	196.0	219.0	264.5	268.0	332.0	145.0	111.0
D. Ll.	6	9	13	15	22	15	16	14	16	20	12	8

TOTALES ANUALES — 2343.5 mm. — 166 Días lluvia

ESTACION: LA FRANCIA — MUNICIPIO: CHINCHINA — AÑO: 1.977

ALTITUD: 1.360 — LATITUD: 4-58 N — LONGITUD: 75-41 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0
2	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	9.0	51.0	20.0	5.0	0.0	0.0	28.0	10.0	0.0
4	0.0	0.0	0.0	0.0	13.0	0.0	0.0	15.0	0.0	0.0	0.0	2.0
5	0.0	0.0	0.0	0.0	0.0	0.0	45.0	20.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	15.0	16.0	10.0	20.0	0.0	40.0	40.0	3.0
7	0.0	0.0	0.0	14.0	16.0	12.0	0.0	25.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	26.0	0.0	5.0	0.0	5.0	10.0	30.0	0.0	0.0
9	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	11.0	21.0
10	0.0	0.0	0.0	0.0	5.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0
11	0.0	8.0	22.0	0.0	0.0	16.0	0.0	0.0	10.0	40.0	9.0	23.0
12	0.0	0.0	3.0	0.0	0.0	4.0	0.0	13.0	11.0	0.0	0.0	0.0
13	0.0	0.0	0.0	26.0	0.0	0.0	7.0	39.0	30.0	0.0	0.0	0.0
14	3.0	0.0	0.0	0.0	0.0	0.0	27.0	4.0	0.0	30.0	4.0	11.0
15	0.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	18.0	8.0	0.0	10.0	0.0	0.0	0.0	0.0	11.0	0.0
17	5.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	26.0	10.0	0.0	0.0
18	0.0	11.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0
19	0.0	13.0	0.0	0.0	0.0	0.0	0.0	15.0	20.0	0.0	0.0	3.0
20	0.0	0.0	0.0	20.0	20.0	20.0	0.0	0.0	20.0	0.0	0.0	0.0
21	0.0	0.0	12.0	0.0	28.0	0.0	0.0	0.0	0.0	10.0	9.0	0.0
22	0.0	0.0	4.0	13.0	0.0	10.0	4.0	0.0	0.0	0.0	2.0	0.0
23	0.0	0.0	5.0	0.0	0.0	30.0	0.0	0.0	17.0	10.0	4.0	0.0
24	0.0	21.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	9.0	20.0	10.0	0.0	0.0	7.0	0.0	15.0	25.0	0.0	0.0
26	0.0	23.0	0.0	22.0	0.0	30.0	30.0	0.0	25.0	0.0	0.0	0.0
27	0.0	0.0	8.0	27.0	0.0	0.0	0.0	0.0	46.0	15.0	0.0	28.0
28	0.0	0.0	17.0	14.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	3.0
29	20.0	0.0	59.0	6.0	10.0	46.0	22.0	0.0	0.0	0.0	0.0	0.0
30	15.0	0.0	30.0	0.0	0.0	60.0	0.0	0.0	18.0	10.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	52.0	88.0	227.0	195.0	209.0	305.0	157.0	179.0	248.0	278.0	111.0	94.0
D. Ll.	5	7	12	12	11	14	9	11	12	12	10	8

TOTALES ANUALES — 2143.0mm. — 123 Días lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: LA SOLEDAD — MUNICIPIO: ROSAS — AÑO: 1.977

ALTITUD: — LATITUD: 2-15 N. — LONGITUD: 77-45 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	4.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0		
2	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	38.0		
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5		
4	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	50.5		
5	0.0	0.0	0.0	6.0	8.0	0.0	0.0	0.0	0.0	20.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.5		
7	0.0	2.0	0.0	1.0	0.0	9.5	0.0	0.0	0.0	7.0		
8	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	42.5		
9	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0		
10	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0		
11	0.0	0.0	0.0	0.0	4.2	39.0	0.0	0.0	0.0	52.0		
12	0.0	0.0	0.0	0.0	0.0	6.0	0.0	2.0	0.0	29.0		
13	0.0	0.0	8.0	0.0	0.0	0.0	0.0	20.0	17.5	0.0		
14	0.0	0.0	0.0	0.0	24.1	0.0	3.0	0.0	8.0	0.0		
15	0.0	0.0	22.0	0.0	31.0	0.0	0.0	0.0	0.0	0.0		
16	0.0	16.0	0.0	0.0	34.2	0.0	0.0	0.0	0.0	0.0		
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0	0.0		
18	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0		
20	0.0	6.0	0.0	0.0	0.0	0.0	0.0	19.0	30.0	0.0		
21	0.0	4.0	0.0	0.0	0.0	1.5	0.0	0.0	46.5	0.0		
22	16.0	0.0	60.0	14.0	24.0	4.0	0.0	0.0	2.0	0.0		
23	16.0	0.0	26.0	56.0	0.0	0.0	0.0	0.0	7.0	20.0		
24	2.0	0.0	0.0	0.0	0.5	5.0	0.0	0.0	5.0	50.0		
25	0.0	8.0	0.0	12.7	2.0	0.0	0.0	0.0	0.5	17.0		
26	0.0	0.0	0.0	52.1	6.0	0.0	0.0	0.0	27.0	21.0		
27	0.0	0.0	0.0	28.0	12.0	0.0	0.0	0.0	53.0	0.0		
28	0.0	6.0	18.0	13.7	0.0	0.0	0.0	0.0	52.0	4.0		
29	0.0	0.0	44.0	0.0	3.0	0.0	0.5	0.0	5.5	5.0		
30	34.0	0.0	18.0	3.0	0.0	0.0	2.5	0.0	23.0	1.0		
31	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Total	102.0	42.0	214.0	186.5	173.2	111.0	6.0	53.5	286.5	448.0		
D. Ll.	8	6	8	9	14	8	3	4	14	17		

TOTALES ANUALES — mm. — Dias lluvia

ESTACION: GUAYMARAL — MUNICIPIO: AGUACAS — AÑO: 1.977

ALTITUD: 1.450 — LATITUD: 5-37 N. — LONGITUD: 75-27 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	4.0	22.0	4.0	0.0	0.0	12.0	0.0	30.0
2	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	1.0	0.0	7.0	8.5	0.0	54.0	0.0	0.0	0.0	8.0	0.0
6	0.0	0.0	0.0	0.0	0.0	19.0	13.0	18.0	0.0	13.0	0.0	0.0
7	0.0	0.0	0.0	0.0	3.0	46.0	0.0	7.0	0.0	7.0	23.0	0.0
8	0.0	0.0	0.0	23.5	0.0	0.0	0.0	6.0	0.0	14.0	0.0	0.0
9	0.0	0.0	1.0	0.0	3.0	0.0	2.0	4.0	0.0	23.0	7.0	0.0
10	0.0	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	13.5	0.0	0.0	0.0	25.0	0.0	0.0	0.0	13.0	13.0	0.0
12	0.0	2.0	0.0	0.0	0.0	18.0	0.0	13.0	43.0	7.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	25.0	0.0	7.0	0.0	0.0	0.0	20.0
14	0.0	20.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	37.0	0.0	0.0
15	0.0	0.0	0.0	0.0	35.0	0.0	10.0	12.0	0.0	0.0	5.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	0.0	0.0
17	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	7.0	0.0
18	0.0	0.0	57.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	14.0
19	0.0	0.0	0.0	0.0	56.0	0.0	5.0	17.0	9.0	23.0	0.0	0.0
20	0.0	0.0	0.0	0.0	2.5	7.0	0.0	7.0	0.0	0.0	0.0	0.0
21	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	10.0	5.0	0.0	0.0
23	33.5	0.0	0.0	0.0	17.0	0.0	15.0	0.0	0.0	10.0	0.0	0.0
24	0.0	0.0	21.5	6.0	31.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0
25	0.0	0.0	5.0	18.0	0.0	0.0	4.0	0.0	50.0	11.0	0.0	0.0
26	0.0	0.0	0.0	22.0	5.0	0.0	35.0	0.0	52.0	0.0	8.0	11.0
27	0.0	10.0	0.0	9.0	0.0	0.0	0.0	0.0	27.0	35.0	0.0	0.0
28	0.0	2.0	11.0	0.0	13.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0
29	8.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	12.0	0.0	57.0	3.0	0.0	7.0	0.0	0.0	0.0
31	0.0	0.0	2.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0
Total	41.5	53.5	103.5	125.5	223.0	222.0	173.0	91.0	281.0	265.0	71.0	75.0
D. Ll.	2	7	7	8	15	9	11	9	10	15	7	4

TOTALES ANUALES — 1725.0 mm. — 104 Dias lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: INSTITUTO TECNICO MUNICIPIO: SANTANDER AÑO: 1.977

ALTITUD: 1.112 LATITUD: 3-01 N. LONGITUD: 76-29 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	15.0	0.0	26.0	0.0	4.0	0.0	6.0	8.0	0.0
2	0.0	0.0	0.0	19.0	0.0	1.5	0.0	0.0	0.0	2.0	95.0	0.0
3	0.0	0.0	0.0	12.0	70.0	0.0	0.0	0.0	0.0	30.0	18.0	0.0
4	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	1.0	5.0	0.0
5	0.0	0.0	0.0	0.0	4.0	1.0	0.0	0.0	0.0	0.0	2.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	27.0	0.0
7	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	33.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	18.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	17.5	2.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0
11	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	2.0	3.0	0.0
12	0.0	0.0	9.0	0.0	10.0	11.0	0.0	3.0	0.0	0.0	25.0	0.0
13	0.0	0.0	1.0	0.0	0.0	0.0	0.0	10.0	14.0	18.0	20.0	0.0
14	0.0	0.0	0.0	0.0	45.0	0.0	0.0	38.0	0.0	6.0	6.0	0.0
15	0.0	2.0	0.0	0.0	30.0	0.0	1.5	0.0	0.0	9.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	4.0	5.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	18.0	0.0
18	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	7.5	25.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	3.0	0.0	0.0
20	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	1.0	30.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	9.0	10.0
22	0.0	0.0	12.5	69.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	13.5	27.0	0.0	0.0
24	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	11.0	0.0	24.0	0.0
25	6.0	0.0	9.0	2.0	0.0	0.0	0.0	0.0	22.0	40.0	0.0	2.0
26	0.0	0.0	0.0	40.5	0.0	0.0	0.0	0.0	5.0	8.0	0.0	11.0
27	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	4.0	0.0	18.0	8.0
28	0.0	0.0	42.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0
29	0.0	0.0	14.0	4.0	0.0	4.5	0.0	0.0	1.5	0.0	0.0	0.0
30	10.5	0.0	0.0	0.0	0.0	6.0	0.0	21.0	3.0	14.0	0.0	0.0
31	0.0	0.0	14.5	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
Total	24.0	35.5	118.0	192.5	167.0	55.0	1.5	86.0	117.5	264.5	309.5	96.0
D. LL	3	4	8	10	6	7	1	7	12	20	18	7

TOTALES ANUALES 1467.0 mm. 103 Días lluvia

ESTACION: LA AURELIA MUNICIPIO: CAJIBIO AÑO: 1.977

ALTITUD: 1.840 LATITUD: 2-37 N. LONGITUD: 76-35 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	10.0	4.0	25.0	0.0	0.0	0.0	6.0	0.0	0.0
2	0.0	9.0	5.0	18.0	22.0	12.0	7.0	0.0	0.0	0.0	14.0	0.0
3	0.0	0.0	8.0	9.0	0.0	0.0	0.0	0.0	0.0	1.0	5.0	2.0
4	0.0	0.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0
5	0.0	0.0	0.0	8.0	0.0	2.0	13.0	0.0	0.0	1.0	4.0	15.0
6	0.0	0.0	12.0	0.0	0.0	0.0	12.0	15.0	0.0	18.0	17.0	10.0
7	0.0	11.0	0.0	5.0	13.0	6.0	0.0	16.0	0.0	43.0	5.0	0.0
8	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	46.0	0.0	0.0
9	0.0	0.0	0.0	0.0	2.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0
10	0.0	7.0	5.0	0.0	12.0	4.0	0.0	0.0	0.0	6.0	0.0	12.0
11	0.0	0.0	0.0	3.0	0.0	12.0	0.0	0.0	0.0	2.0	0.0	0.0
12	0.0	0.0	15.0	4.0	0.0	2.0	0.0	20.0	7.0	2.0	24.0	0.0
13	0.0	0.0	0.0	8.0	0.0	0.0	0.0	6.0	10.0	0.0	0.0	0.0
14	0.0	0.0	0.0	10.0	10.0	12.0	0.0	12.0	5.0	0.0	27.0	0.0
15	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.0	0.0
17	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	28.0	51.0	0.0
18	8.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
19	18.0	12.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	15.0	0.0	8.0
20	0.0	40.0	0.0	21.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
21	0.0	0.0	0.0	8.0	0.0	0.0	0.0	23.0	17.0	0.0	0.0	0.0
22	8.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	0.0	0.0	0.0
23	12.0	5.0	13.0	25.0	2.5	0.0	0.0	0.0	8.0	5.0	0.0	0.0
24	5.0	13.0	5.0	0.0	0.0	0.0	0.0	0.0	5.0	1.0	38.0	9.0
25	0.0	0.0	22.0	18.0	0.0	0.0	0.0	0.0	18.0	30.0	42.0	0.0
26	24.0	0.0	0.0	17.0	8.0	0.0	5.0	0.0	34.0	24.0	13.0	0.0
27	0.0	10.0	25.0	12.0	12.0	0.0	0.0	0.0	15.0	18.0	0.0	20.0
28	0.0	0.0	9.0	49.0	0.0	0.0	0.0	0.0	5.0	2.0	0.0	7.0
29	0.0	0.0	0.0	46.0	0.0	11.0	0.0	0.0	5.0	0.0	0.0	0.0
30	47.0	0.0	18.0	10.0	0.0	28.0	0.0	24.0	43.0	0.0	0.0	0.0
31	14.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	20.0
Total	136.0	107.0	142.0	295.0	207.5	114.0	37.0	145.0	183.0	285.0	315.0	113.0
D. LL.	8	8	12	20	12	10	4	10	14	19	12	10

TOTALES ANUALES 2079.5 mm. 139 Días lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: LA PALMA — MUNICIPIO: LA MESA — AÑO: 1.977

ALTITUD: 1.100 — LATITUD: 4-40 N. — LONGITUD: 74-27 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	24.0	0.0
2	0.0	3.5	0.0	19.0	13.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	22.0	0.0	0.0	1.0	0.0	0.0	0.0	37.0	0.0
4	0.0	0.0	0.0	20.0	0.0	0.0	3.0	0.0	0.0	11.0	0.0	14.0
5	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	16.5	0.0	0.0	0.0	0.0	44.0	0.0
7	0.0	0.0	0.0	0.0	0.0	7.0	3.0	0.0	0.0	6.0	14.0	0.0
8	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	8.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	16.0
12	0.0	0.0	0.0	0.0	0.0	47.0	0.0	28.0	0.0	0.0	30.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	50.0	0.0
14	0.0	0.0	15.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	27.0	0.0
15	0.0	0.0	14.5	0.0	0.0	0.0	0.0	1.0	0.0	0.0	28.0	0.0
16	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	19.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	16.0	5.0	0.0
19	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	16.0	2.0
20	0.0	27.0	0.0	0.0	0.0	0.0	0.0	31.0	10.5	6.0	0.0	0.0
21	0.0	19.0	0.0	0.0	0.0	5.0	0.0	0.0	14.5	0.0	15.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	5.0	0.0
23	2.5	0.0	28.5	34.0	11.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
24	0.0	3.0	21.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	18.0	0.0	1.0	0.0	32.0	0.0	0.0	0.0
27	0.0	0.0	0.0	22.5	19.0	0.0	11.0	0.0	44.0	8.5	0.0	42.0
28	0.0	0.0	16.0	43.0	2.0	0.0	0.0	1.0	0.0	5.0	0.0	4.0
29	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	14.0	20.0	0.0	0.0
31	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	21.5	58.5	137.5	221.5	88.5	92.5	19.0	67.0	174.0	138.5	303.0	78.0
D. Ll.	2	5	8	9	8	5	5	6	10	12	13	5

TOTALES ANUALES — 1399.5 mm. — 88 Dias lluvia

ESTACION: SECRETARIA DE AGRICULTURA — MUNICIPIO: LA MESA — AÑO: 1.977

ALTITUD: 1.300 — LATITUD: 4-38 N. — LONGITUD: 74-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	6.5	0.0	40.7	4.5	7.5	0.0	0.0	0.0	4.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	10.0	0.0	21.0	0.0	0.0	3.0	0.0
3	0.0	0.0	0.0	41.2	0.0	0.0	0.0	0.0	0.0	27.0	53.0	0.0
4	0.0	0.0	0.0	39.1	0.0	6.0	0.0	0.0	8.0	0.0	0.0	0.0
5	0.0	0.0	0.0	22.3	0.0	0.0	3.5	0.0	4.0	0.0	0.0	0.0
6	0.0	0.0	0.0	32.1	2.5	34.0	0.0	0.0	0.0	0.0	40.0	0.0
7	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	23.0	12.0	0.0
8	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	9.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	9.0	25.0	7.0
12	0.0	2.1	0.0	0.0	0.0	19.0	0.0	12.0	0.0	4.5	46.5	0.0
13	0.0	0.0	2.5	0.0	0.0	1.5	8.5	5.2	0.0	0.0	50.0	0.0
14	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	24.0	3.5
15	0.0	0.0	38.5	0.0	9.0	0.0	2.5	10.0	0.0	2.5	25.0	15.5
16	0.0	0.0	0.0	0.0	29.5	0.0	0.0	0.0	0.0	0.0	0.0	12.0
17	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	7.0	1.5	7.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	28.0	3.0	17.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	3.0	37.0	21.0	0.0
21	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	16.0	0.0	0.0	0.0
22	0.0	0.0	53.7	32.0	2.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
23	0.0	0.0	50.2	28.0	4.5	0.0	0.0	0.0	10.0	0.0	0.0	0.0
24	0.0	0.0	8.2	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	30.3	1.2	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0
26	0.0	0.0	25.0	2.5	32.5	0.0	0.0	0.0	50.0	0.0	0.0	0.0
27	0.0	10.5	0.0	52.6	0.0	0.0	3.5	0.0	22.0	0.0	0.0	12.0
28	0.0	0.0	30.5	32.0	2.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0
29	0.0	0.0	0.0	2.1	10.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	4.5	0.0	2.0	0.0	1.5	0.0	0.0
31	2.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	50.5	0.0	0.0
Total	2.0	19.1	255.9	325.8	103.5	145.5	20.0	113.2	193.0	234.5	309.5	67.0
D. Ll.	1	3	10	12	12	10	6	7	12	14	12	6

TOTALES ANUALES — 1789.0 mm. — 105 Dias lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: | MUNICIPIO: | AÑO:
ALTITUD: | LATITUD: S. JUAN RIOSECO 4-51 N | LONGITUD: 1.977 74-40 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	18.0	0.0	0.0	20.0	22.0	2.0	0.0	0.0	35.0	7.0	0.0
2	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	1.0
3	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	12.0	51.0	0.0
4	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	32.0	1.0	0.0
5	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	5.0	10.0	5.0	12.0	0.0	0.0	5.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	7.0	18.0	0.0	0.0	5.0	17.0	0.0
8	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	11.0	3.0
10	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	6.0	28.0	16.0
11	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	1.0	10.0	0.0
12	0.0	2.0	0.0	0.0	0.0	25.0	0.0	12.0	0.0	0.0	4.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	2.0	97.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	2.0	5.0
15	0.0	0.0	31.0	0.0	5.0	0.0	0.0	2.0	0.0	0.0	4.0	25.0
16	0.0	2.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	18.0	7.0	0.0
17	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	35.0	0.0
18	2.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	7.0	0.0
19	47.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	60.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0
21	0.0	4.0	0.0	0.0	0.0	0.0	0.0	20.0	13.0	0.0	6.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
23	0.0	0.0	2.0	10.0	15.0	0.0	0.0	0.0	11.0	0.0	2.0	0.0
24	0.0	5.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	12.0	2.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0
26	0.0	0.0	23.0	3.0	0.0	0.0	4.0	0.0	11.0	0.0	1.0	0.0
27	0.0	0.0	11.0	20.0	0.0	0.0	9.0	0.0	20.0	0.0	0.0	0.0
28	0.0	0.0	2.0	10.0	0.0	0.0	0.0	0.0	5.0	8.0	0.0	1.0
29	0.0	0.0	21.0	5.0	10.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
30	0.0	0.0	8.0	0.0	0.0	1.0	0.0	1.0	1.0	100.0	0.0	0.0
31	0.0	0.0	5.0	0.0	0.0	0.0	18.0	0.0	0.0	3.0	0.0	0.0
Total	49.0	44.0	108.0	85.0	84.0	67.0	63.0	73.0	106.0	293.0	320.0	51.0
D. Ll.	2	7	10	9	6	9	6	9	10	15	19	6

TOTALES ANUALES — 1343.0 mm. — 108 Dias lluvia

ESTACION: SECRETARIA DE AGRICULTURA | MUNICIPIO: LA PALMA | AÑO: 1.977
ALTITUD: 1.250 | LATITUD: 5-21 N. | LONGITUD: 74-23 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	10.0	3.0	0.0	13.0	19.0	0.0	0.0	5.0	3.0	0.0
2	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	48.0	0.0
3	0.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0
4	0.0	0.0	0.0	0.0	38.0	0.0	0.0	9.0	2.0	38.0	0.0	0.0
5	0.0	18.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	3.0	15.0	5.0
6	0.0	0.0	0.0	0.0	0.0	22.0	3.5	0.0	0.0	25.0	17.0	0.0
7	0.0	0.0	0.0	6.0	10.0	25.0	0.0	18.0	0.0	45.0	24.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	84.0	43.0	0.0	5.0	22.0	20.0
9	0.0	0.0	0.0	0.0	0.0	30.0	0.0	10.0	0.0	6.0	10.0	4.0
10	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	29.5	0.0	0.0	1.0	3.0	0.0	0.0
12	0.0	6.0	11.0	0.0	0.0	0.0	0.0	22.0	0.0	5.0	24.0	29.0
13	0.0	0.0	16.0	8.0	6.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0
14	0.0	5.0	1.5	0.0	8.0	0.0	0.0	0.0	4.0	25.0	14.0	0.0
15	0.0	10.0	35.0	0.0	0.0	0.0	32.0	9.0	0.0	19.0	9.0	0.0
16	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.0	0.0
17	0.0	0.0	4.0	6.0	0.0	5.0	0.0	0.0	3.0	0.0	9.0	0.0
18	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0	6.0	0.0
19	0.0	0.0	0.0	0.0	0.0	4.0	0.0	3.0	32.5	0.0	0.0	0.0
20	0.0	5.0	4.5	0.0	0.0	8.5	0.0	17.0	2.0	0.0	0.0	0.0
21	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0
22	0.0	0.0	0.0	3.0	48.0	0.0	21.0	0.0	1.0	0.0	4.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.0	0.0	3.0
24	0.0	0.0	0.0	0.0	6.0	0.0	1.0	0.0	12.0	28.5	0.0	0.0
25	4.5	18.0	0.0	9.5	0.0	0.0	0.0	8.0	3.0	23.0	0.0	0.0
26	0.0	0.0	0.0	2.0	0.0	0.0	59.0	0.0	0.0	20.0	14.0	0.0
27	0.0	30.0	6.0	8.0	0.0	0.0	0.0	0.0	4.0	10.0	0.0	2.0
28	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	10.0	0.0	14.0	3.0
30	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	5.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	10.0	0.0	8.5	0.0	0.0	0.0	0.0	0.0
Total	4.5	155.0	118.0	83.5	126.0	172.0	233.0	143.0	142.5	315.5	304.0	64.0
D. Ll.	1	9	10	10	7	11	9	10	15	17	17	7

TOTALES ANUALES — 1861.0 mm. — 123 Dias lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: VALSALICE MUNICIPIO: FUSAGASUGA AÑO: 1.977

ALTITUD: 1.450 LATITUD: 4-21 N. LONGITUD: 74-26 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	2.0	0.0	15.0	6.0	1.0	1.0	6.0	0.0	0.0	1.0	0.0
2	0.0	0.0	0.0	5.0	4.0	5.0	0.0	0.0	0.0	0.0	0.0	8.0
3	0.0	0.0	0.0	11.0	1.0	5.0	0.0	1.0	0.0	0.0	20.0	22.0
4	0.0	0.0	0.0	32.0	2.0	1.0	0.0	13.0	1.0	19.0	20.0	3.0
5	0.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0
6	0.0	0.0	0.0	4.0	0.0	11.0	6.0	2.0	0.0	2.0	7.0	0.0
7	0.0	0.0	0.0	0.0	0.0	11.0	3.0	8.0	0.0	2.0	10.0	0.0
8	0.0	0.0	0.0	5.0	0.0	1.0	2.0	9.0	0.0	7.0	2.0	0.0
9	0.0	0.0	0.0	0.0	0.0	1.0	5.0	4.0	0.0	18.0	5.0	1.0
10	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	30.0	5.0	0.0
11	0.0	0.0	0.0	0.0	4.0	5.0	0.0	0.0	0.0	2.0	3.0	6.0
12	0.0	0.0	1.0	1.0	2.0	2.0	0.0	1.0	0.0	12.0	6.0	0.0
13	0.0	0.0	0.0	0.0	2.0	8.0	1.0	2.0	0.0	5.0	18.0	0.0
14	0.0	0.0	0.0	0.0	1.0	0.0	6.0	2.0	10.0	0.0	1.0	1.0
15	0.0	4.0	7.0	0.0	0.0	0.0	0.0	2.0	12.0	0.0	0.0	0.0
16	0.0	11.0	1.0	5.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	1.0	4.0	0.0	0.0	2.0	0.0	0.0	2.0	6.0	0.0
18	1.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	6.0	0.0
19	22.0	0.0	2.0	0.0	0.0	17.0	0.0	7.0	0.0	1.0	4.0	4.0
20	0.0	2.0	0.0	0.0	0.0	17.0	0.0	3.0	16.0	2.0	8.0	0.0
21	0.0	0.0	0.0	4.0	0.0	3.0	0.0	9.0	5.0	0.0	0.0	0.0
22	0.0	8.0	2.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0	1.0	0.0
23	7.0	0.0	23.0	0.0	4.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
24	0.0	0.0	0.0	6.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	44.0	0.0	2.0	0.0	9.0	0.0	0.0	0.0	7.0	0.0
26	0.0	0.0	1.0	2.0	18.0	0.0	0.0	0.0	6.0	0.0	2.0	0.0
27	1.0	0.0	1.0	26.0	0.0	0.0	4.0	0.0	16.0	0.0	0.0	9.0
28	0.0	0.0	7.0	8.0	4.0	0.0	0.0	0.0	5.0	28.0	0.0	0.0
29	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	22.0	0.0	0.0	9.0
30	0.0	0.0	1.0	12.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	1.0
31	0.0	0.0	2.0	0.0	0.0	0.0	1.0	0.0	0.0	8.0	0.0	0.0
Total	31.0	27.0	94.0	141.0	79.0	91.0	43.0	69.0	106.0	138.0	132.0	65.0
D. Ll.	4	5	14	16	15	17	13	14	13	14	19	11

TOTALES ANUALES 1016.0 mm. 155 Días lluvia

ESTACION: MONTERREDONDO MUNICIPIO: QUETAME AÑO: 1.977

ALTITUD: 1.300 LATITUD: 4-19 N. LONGITUD: 73-58 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1		0.0	0.0	5.0	0.0	2.0	3.0	6.0	36.0	5.0	0.0	0.0
2		0.0	2.0	0.0	0.0	6.0	2.0	10.0	2.0	0.0	0.0	0.0
3		0.0	1.0	3.0	0.0	0.0	8.0	18.0	10.0	0.0	6.0	0.0
4		0.0	0.0	0.0	0.0	9.0	3.0	5.0	7.0	0.0	3.0	10.0
5		0.0	0.0	0.0	5.0	0.0	2.0	0.0	9.0	8.0	0.0	0.0
6		8.0	0.0	5.0	0.0	13.0	45.0	6.0	2.0	0.0	0.0	0.0
7		5.0	0.0	0.0	4.0	8.0	12.0	9.0	62.0	0.0	13.0	8.0
8		9.0	0.0	0.0	0.0	20.0	6.0	17.0	10.0	35.0	1.0	5.0
9		0.0	6.0	0.0	5.0	7.0	60.0	0.0	32.0	2.0	0.0	0.0
10		0.0	0.0	5.0	4.0	0.0	0.0	0.0	0.0	6.0	3.0	0.0
11		11.0	0.0	28.0	9.0	36.0	13.0	0.0	7.0	26.0	0.0	0.0
12		0.0	3.0	0.0	3.0	26.0	7.0	0.0	0.0	6.0	0.0	0.0
13		3.0	0.0	10.0	0.0	6.0	30.0	14.0	0.0	0.0	8.●	0.0
14		4.0	8.0	25.0	3.0	4.0	10.0	13.0	15.0	0.0	0.0	0.0
15		15.0	18.0	0.0	0.0	3.0	11.0	36.0	0.0	1.0	0.0	0.0
16		7.0	7.0	28.0	4.0	22.0	6.0	7.0	0.0	17.0	0.0	0.0
17		0.0	5.0	0.0	0.0	0.0	0.0	0.0	3.0	35.0	5.0	0.0
18		0.0	1.0	0.0	8.0	25.0	4.0	0.0	2.0	3.0	0.0	0.0
19		0.0	1.0	2.0	9.0	6.0	11.0	0.0	3.0	4.0	0.0	0.0
20		0.0	0.0	0.0	0.0	24.0	3.0	2.0	4.0	4.0	0.0	0.0
21		0.0	0.0	0.0	2.0	8.0	2.0	15.0	0.0	0.0	1.0	0.0
22		0.0	0.0	0.0	20.0	0.0	8.0	0.0	2.0	0.0	0.0	5.0
23		0.0	0.0	0.0	24.0	3.0	37.0	0.0	6.0	0.0	0.0	2.0
24		0.0	0.0	0.0	3.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0
25		0.0	0.0	0.0	2.0	45.0	14.0	17.0	12.0	10.0	12.0	0.0
26		0.0	0.0	0.0	10.0	4.0	16.0	0.0	8.0	5.0	0.0	0.0
27		0.0	1.0	10.0	17.0	29.0	13.0	4.0	0.0	2.0	0.0	0.0
28		0.0	1.0	15.0	19.0	15.0	4.0	0.0	2.0	0.0	0.0	0.0
29		0.0	0.0	2.0	10.0	8.0	0.0	17.0	0.0	0.0	0.0	0.0
30		0.0	0.0	0.0	18.0	3.0	3.0	5.0	7.0	0.0	0.0	0.0
31		0.0	0.0	0.0	3.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0
Total		62.0	54.0	138.0	182.0	332.0	374.0	201.0	241.0	169.0	52.0	30.0
D. Ll.		8	12	12	21	24	28	17	21	16	9	5

TOTALES ANUALES mm. Días lluvia

L L U V I A E N M I L I M E T R C S

ESTACION: LA VUELTA — MUNICIPIO: TIBACUY — AÑO: 1.977

ALTITUD: 1.500 — LATITUD: 4-21 N. — LONGITUD: 74-27 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	7.7	0.0	15.0	0.0	2.2	0.0	11.5	0.0	0.0
2	0.0	0.0	0.0	36.0	6.5	4.0	0.0	0.0	2.1	0.0	18.0	19.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0
4	0.0	0.0	0.0	42.7	0.0	0.0	0.0	3.0	5.2	0.0	0.0	7.6
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	0.0	0.0
6	0.0	0.0	0.0	12.0	3.0	12.0	0.0	0.0	0.0	5.5	8.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	8.0	0.0	0.0
8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	46.5	30.5
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0
10	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	16.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	10.5	0.0
12	6.2	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	10.0	0.0
13	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.8	0.0
14	0.0	0.0	4.1	0.0	5.2	0.0	0.0	0.0	0.0	0.0	2.0	0.0
15	0.0	0.0	2.0	0.0	0.0	0.0	0.0	6.0	0.0	3.2	4.7	0.0
16	0.0	0.0	0.0	0.0	6.0	4.0	0.0	0.0	0.0	0.0	15.6	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	7.3	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	0.0
19	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5
20	0.0	4.5	0.0	0.0	0.0	5.0	0.0	2.1	56.5	18.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	8.2	0.0
22	0.0	0.0	0.0	18.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	64.3	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	2.1	38.5	37.0	0.0	0.0	1.5	0.0	45.0	0.0	0.0	10.0
26	0.0	0.0	0.0	14.0	0.0	0.0	3.0	0.0	0.0	10.0	0.0	0.0
27	0.0	0.0	16.2	0.0	0.0	0.0	9.0	0.0	0.0	8.0	0.0	8.0
28	0.0	0.0	0.0	28.5	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
29	0.0	0.0	9.8	0.0	0.0	5.0	0.0	0.0	9.9	5.0	0.0	7.5
30	0.0	0.0	3.1	3.0	0.0	10.0	0.0	0.0	14.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	18.0	2.0	0.0	0.0	0.0	0.0
Total	14.7	6.6	142.0	204.4	22.9	73.2	31.5	27.3	145.2	84.2	237.5	99.1
D. Ll.	3	2	8	10	5	9	4	7	10	10	15	7

TOTALES ANUALES — 1088.6 mm. — 90 Días lluvia

ESTACION: BETHANIA — MUNICIPIO: FUSAGASUGA — AÑO: 1.977

ALTITUD: 1.380 — LATITUD: 4-21 N. — LONGITUD: 74-24 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	17.0	0.0	14.0	0.0	0.0	0.0	0.0	2.0	0.0
2	0.0	0.0	0.0	6.0	0.0	0.0	0.0	3.0	0.0	0.0	55.0	6.0
3	0.0	0.0	0.0	10.0	4.0	0.0	2.0	0.0	2.0	0.0	0.0	10.0
4	0.0	0.0	0.0	16.0	5.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	0.5	0.0	0.0	6.0	0.0
6	0.0	0.0	0.0	0.0	1.0	10.0	0.0	4.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	12.0	5.0	3.0	0.0	2.0	14.0	0.0
8	0.0	0.0	0.0	4.0	0.0	1.0	3.5	8.0	0.0	7.0	3.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.5	4.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	28.0	10.0	2.0
11	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	4.0	0.0
12	0.0	1.5	0.0	0.0	0.0	6.0	0.0	6.0	0.0	0.0	6.0	2.0
13	0.0	0.0	0.0	1.0	0.0	14.0	0.0	0.0	1.5	0.0	12.0	0.0
14	0.0	2.5	3.0	0.0	0.0	0.0	0.0	2.5	0.5	0.0	0.0	0.0
15	0.0	5.0	5.0	0.0	0.0	0.0	5.0	0.0	1.5	0.0	0.0	0.0
16	0.0	1.0	0.0	5.0	10.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
17	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	1.5	0.0
18	22.0	0.0	15.0	0.0	0.0	0.5	0.0	0.0	1.5	0.5	0.0	0.0
19	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.5	0.0
20	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.5	0.0
21	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
22	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
23	0.0	0.0	35.0	8.0	5.0	0.0	3.0	0.0	3.0	0.0	0.0	0.0
24	0.0	2.0	2.5	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	12.0	0.0	0.0	8.0	0.0	0.0	0.0	1.0	18.0	0.0
26	0.0	0.0	0.0	22.0	6.0	0.0	0.5	0.0	8.0	0.0	0.0	0.0
27	0.0	0.0	6.0	50.0	0.0	0.0	4.0	0.0	3.0	4.0	0.0	4.0
28	0.0	0.0	0.0	0.0	12.0	0.5	0.0	0.0	7.0	0.0	0.0	14.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
30	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	1.0	0.0	0.0	24.0
31	0.0	0.0	0.0	0.0	0.5	0.0	3.0	0.0	0.0	18.0	0.0	18.0
Total	29.0	30.5	78.5	139.0	67.5	77.0	38.0	27.0	61.0	71.5	136.5	82.0
D. Ll.	3	8	7	10	9	13	12	7	13	11	13	9

TOTALES ANUALES — 837.5 mm. — 115 Días lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: EL PORVENIR **MUNICIPIO:** MESITAS COLEGIO **AÑO:** 1.977
ALTITUD: 1.350 **LATITUD:** 4-33 N **LONGITUD:** 74-19 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1				0.3	0.0	33.3	5.7	26.1	0.5	3.0	0.8	0.0
2				17.5	11.3	6.6	0.0	0.3	0.0	0.1	1.5	5.4
3				20.0	0.5	0.0	0.0	1.0	0.0	0.0	62.2	0.0
4				23.0	1.2	18.0	0.4	0.0	0.6	22.0	0.2	0.0
5				7.5	0.0	0.6	0.5	0.3	1.5	2.3	0.0	0.0
6				2.3	0.0	3.8	0.3	2.0	0.0	3.5	31.0	9.8
7				0.0	12.5	10.4	4.7	2.8	0.0	0.4	11.4	0.0
8				4.0	0.0	0.0	0.0	1.9	0.0	7.7	17.3	0.0
9				0.3	0.0	0.5	5.6	1.2	4.4	0.0	0.0	0.0
10				0.0	0.0	0.5	0.0	0.0	0.7	16.3	50.0	0.0
11				0.0	5.0	1.5	0.0	0.0	0.0	3.3	6.0	0.0
12				0.0	0.0	14.3	0.0	3.3	0.5	6.9	12.2	0.0
13			3.0	0.0	0.0	0.6	0.0	0.4	32.6	4.7	51.3	0.0
14			0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.3	17.4
15			2.6	0.0	10.2	0.0	4.8	4.7	3.3	3.1	2.6	48.0
16			0.5	1.7	21.6	0.0	0.0	0.5	0.0	0.0	0.0	9.7
17			21.0	0.0	0.0	1.7	0.0	0.0	0.0	7.5	1.0	0.0
18			0.5	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.6	1.0
19			0.0	0.0	12.5	0.0	0.0	0.0	0.0	44.7	8.0	0.0
20			0.0	0.0	0.0	20.0	0.0	29.3	35.0	13.5	16.5	0.0
21			0.0	0.0	0.0	3.0	0.0	2.5	39.5	0.0	0.0	0.0
22			5.0	11.2	0.3	0.0	0.0	0.0	1.8	0.0	1.5	0.0
23			0.0	4.7	6.7	0.0	3.0	0.0	4.2	4.8	0.9	0.0
24			48.5	43.7	0.7	0.0	2.0	0.0	0.0	0.0	0.0	0.0
25			8.0	1.7	1.2	0.0	0.0	4.5	58.5	0.0	0.0	0.0
26			7.5	5.0	0.3	0.0	0.4	0.1	15.7	3.9	1.8	0.0
27			0.3	42.7	1.7	0.0	2.3	0.0	12.1	17.9	0.0	7.5
28			9.5	31.5	0.7	0.0	0.0	0.0	0.1	6.0	0.0	7.0
29			3.0	0.0	5.7	0.8	0.0	0.0	5.8	0.0	0.0	0.0
30			1.5	0.0	0.0	7.5	0.0	0.0	5.4	7.6	0.0	1.0
31			2.0	0.0	0.0	0.0	0.0	0.0	0.0	17.3	0.0	0.0
Total				217.1	92.1	123.1	29.7	84.9	230.7	196.5	277.1	106.8
D. LL.				16	16	16	11	17	19	21	20	9

TOTALES ANUALES mm. Dias lluvia

ESTACION: ATALA **MUNICIPIO:** VICTA **AÑO:** 1.977
ALTITUD: 1.160 **LATITUD:** 4-24 N. **LONGITUD:** 74-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0
3	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	6.0	96.0	0.0
4	0.0	0.0	0.0	34.0	22.0	0.0	0.0	0.0	0.0	4.0	0.0	10.0
5	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	12.0	0.0	2.0	10.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	4.0	0.0	0.0
8	0.0	0.0	0.0	30.0	0.0	0.0	0.0	2.0	0.0	6.0	48.0	0.0
9	0.0	0.0	0.0	2.0	0.0	0.0	2.0	4.0	0.0	0.0	0.0	0.0
10	0.0	4.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	42.0	38.0	0.0
11	0.0	6.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	2.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	12.0	0.0	2.0	0.0	24.0	2.0	0.0
13	0.0	4.5	0.0	0.0	0.0	2.0	0.0	0.0	0.0	8.0	58.0	0.0
14	0.0	0.0	0.0	0.0	8.0	0.0	6.0	0.0	2.0	0.0	12.0	6.0
15	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
17	12.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
18	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	34.0	0.0
19	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	16.8	2.0	14.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	2.0	0.0	0.0	14.0	6.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0
23	0.0	0.0	2.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
25	0.0	0.0	14.0	0.0	18.0	0.0	0.0	2.0	34.0	0.0	0.0	0.0
26	0.0	0.0	10.0	12.0	0.0	0.0	8.0	0.0	30.0	0.0	0.0	0.0
27	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
28	0.0	0.0	18.0	50.0	0.0	0.0	0.0	0.0	0.0	46.0	0.0	30.0
29	0.0	0.0	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	48.0	0.0	0.0	44.0	0.0	0.0
Total	22.0	14.5	124.5	224.0	98.0	92.0	76.0	10.0	84.8	208.0	328.0	90.0
D. LL.	3	3	8	11	6	8	6	4	5	14	10	5

TOTALES ANUALES 1371.8 mm. 83 Dias lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: EL REFUGIO MUNICIPIO: LA MESA AÑO: 1.977
ALTITUD: LATITUD: 4-39 N LONGITUD: 74-28 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1									0.0	0.0	10.0	0.0
2									0.0	0.0	0.0	0.0
3									0.0	0.0	39.0	0.0
4									0.0	0.0	0.0	21.0
5									0.0	12.0	21.0	0.0
6									0.0	0.0	7.0	0.0
7									0.0	18.0	0.0	0.0
8									0.0	0.0	26.0	0.0
9								0.0	0.0	45.0	0.0	0.0
10								0.0	0.0	15.0	0.0	0.0
11								0.0	0.0	14.0	0.0	0.0
12								0.0	0.0	0.0	45.0	5.0
13								0.0	0.0	0.0	29.0	0.0
14								17.0	0.0	0.0	16.0	0.0
15								17.0	0.0	0.0	0.0	0.0
16								0.0	6.0	0.0	0.0	0.0
17								0.0	0.0	0.0	0.0	4.0
18								0.0	0.0	17.0	3.0	5.0
19								0.0	34.0	23.0	9.0	1.0
20								35.0	0.0	0.0	0.0	0.0
21								0.0	66.0	0.0	4.0	0.0
22								0.0	0.0	0.0	0.0	0.0
23								0.0	0.0	0.0	5.0	0.0
24								0.0	9.0	0.0	0.0	0.0
25								0.0	27.0	11.0	0.0	19.0
26								0.0	36.0	0.0	0.0	0.0
27								0.0	0.0	0.0	0.0	0.0
28								0.0	40.5	18.0	0.0	13.0
29								0.0	11.0	6.0	0.0	0.0
30								0.0	44.0	0.0	0.0	0.0
31								0.0	0.0	0.0	0.0	0.0
Total									273.5	179.0	214.0	68.0
D. Ll.									9	10	12	7

TOTALES ANUALES mm. Dias Lluvia

ESTACION: LAS GRANJAS MUNICIPIO: MESITAS COLEGIO AÑO: 1.977
ALTITUD: 1.400 LATITUD: 4-28 N. LONGITUD: 74-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	8.0	0.0	22.0	0.0	0.0	0.0	2.0	12.0	5.0
2	0.0	0.0	0.0	16.0	9.0	8.0	0.0	1.0	0.0	0.0	72.0	0.0
3	0.0	0.0	0.0	19.0	0.0	6.0	6.0	0.0	8.0	12.0	8.0	0.0
4	0.0	0.0	0.0	4.0	10.0	2.0	8.0	6.0	4.0	2.0	2.0	0.0
5	0.0	0.0	0.0	5.0	7.0	7.0	0.0	2.0	0.0	3.0	10.0	0.0
6	0.0	2.0	0.0	2.0	6.0	11.0	20.0	4.0	0.0	4.0	6.0	1.0
7	0.0	0.0	0.0	10.0	2.0	2.0	0.0	2.0	4.0	8.0	18.0	0.0
8	0.0	0.0	0.0	8.0	3.0	1.0	3.0	0.0	0.0	12.0	15.0	0.0
9	0.0	0.0	0.0	3.0	0.0	4.0	0.0	0.0	5.0	18.0	20.0	0.0
10	0.0	4.5	0.0	4.0	4.0	0.0	0.0	0.0	2.0	8.0	3.0	0.0
11	0.0	0.0	0.0	4.0	2.0	0.0	0.0	18.0	0.0	9.0	3.0	0.0
12	0.0	0.0	42.0	6.0	2.0	6.0	0.0	3.0	0.0	6.0	16.0	0.0
13	0.0	2.0	0.0	4.0	3.0	1.0	0.0	4.0	8.0	0.0	26.0	0.0
14	0.0	0.0	5.0	2.0	8.0	0.0	5.0	5.0	8.0	0.0	61.0	4.0
15	0.0	7.0	0.0	6.0	0.0	0.0	0.0	4.0	0.0	2.0	1.0	2.0
16	0.0	0.0	5.0	4.0	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	4.0	2.0	0.0	0.0
18	7.0	0.0	0.0	8.0	1.0	0.0	0.0	4.0	0.0	0.0	0.0	1.0
19	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	7.0	14.0	1.0	0.0
20	0.0	0.0	8.0	0.0	1.0	6.0	0.0	3.0	2.0	2.0	0.0	0.0
21	0.0	0.0	5.0	0.0	6.0	0.0	0.0	1.0	7.0	0.0	12.0	0.0
22	30.0	4.0	0.0	12.0	11.0	0.0	5.0	0.0	2.0	0.0	0.0	0.0
23	0.0	2.0	30.0	18.0	3.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0
24	0.0	2.0	18.0	8.0	5.0	0.0	0.0	0.0	25.0	3.0	0.0	0.0
25	3.0	0.0	11.0	7.0	0.0	0.0	0.0	6.0	10.0	2.0	0.0	0.0
26	0.0	0.0	10.0	16.0	0.0	0.0	3.0	0.0	8.0	1.0	0.0	21.0
27	0.0	0.0	13.0	14.0	5.0	0.0	0.0	0.0	0.0	11.0	0.0	1.0
28	0.0	0.0	15.0	18.0	3.0	1.0	0.0	0.0	8.0	6.0	0.0	1.0
29	0.0	0.0	9.0	9.0	0.0	2.0	0.0	0.0	5.0	5.0	0.0	2.0
30	0.0	0.0	6.0	3.0	0.0	0.0	0.0	0.0	2.0	8.0	0.0	0.0
31	0.0	0.0	3.0	0.0	8.0	0.0	1.0	7.0	0.0	3.0	0.0	26.0
Total	40.0	23.5	180.0	218.0	102.0	82.0	53.0	70.0	119.0	145.0	286.0	64.0
D. Ll.	3	7	14	26	22	16	9	15	18	24	17	10

TOTALES ANUALES 1382.5 mm. 181 Dias lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: LA VIRGEN — MUNICIPIO: QUIPILE — AÑO: 1.977
ALTITUD: 1.070 — LATITUD: 4-39 N — LONGITUD: 74-35 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	39.0	0.0	12.0	0.0	2.5	1.5	0.0
2	0.0	0.0	0.0	11.0	0.5	3.0	0.0	0.0	0.0	0.5	0.0	0.0
3	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.5	59.0	0.0
4	0.0	0.0	0.0	20.0	15.0	4.0	0.0	0.0	1.0	2.0	1.5	0.0
5	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0
6	0.0	0.0	0.0	10.0	4.5	3.0	0.0	0.0	0.0	0.5	3.5	0.0
7	0.0	0.0	0.0	0.0	0.0	12.0	4.0	0.0	0.0	1.5	2.8	0.0
8	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	6.0	1.5	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	15.0	8.0	0.0
10	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.5	3.5	32.0	0.0
11	0.0	0.0	0.0	0.0	1.5	0.5	0.0	0.0	0.0	7.0	0.5	0.0
12	0.0	4.0	0.0	0.0	0.0	4.5	0.0	2.5	0.0	0.5	26.0	6.6
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	2.5	0.5	48.0	0.0
14	0.0	0.0	0.5	0.0	0.0	0.0	0.0	3.0	0.0	3.5	4.0	0.0
15	0.0	1.0	24.0	0.0	9.5	0.0	1.0	2.5	0.0	1.5	12.0	0.0
16	0.0	1.0	0.0	0.0	10.5	0.0	0.0	0.0	0.0	1.5	1.5	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.5	0.0
18	0.0	1.0	2.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.5	3.3
19	0.0	26.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.5	14.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	18.0	1.5	0.0
21	0.0	2.0	9.0	0.0	0.0	8.0	0.0	5.0	2.5	0.0	0.5	0.0
22	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0
23	0.0	4.0	0.0	28.0	0.0	0.0	0.0	0.0	2.5	2.0	0.0	0.0
24	0.0	0.0	8.0	5.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0
25	0.0	1.0	20.0	0.0	0.0	0.0	0.0	0.0	34.0	0.0	0.0	0.0
26	0.0	0.0	7.0	36.0	0.0	0.0	3.0	2.0	7.0	0.0	0.0	29.0
27	0.0	0.0	24.0	15.0	0.5	0.0	1.0	0.0	23.0	0.5	0.0	20.0
28	0.0	0.0	4.0	3.5	0.0	0.0	0.0	0.0	0.5	60.0	0.0	0.0
29	0.0	0.0	4.0	0.5	0.0	0.0	0.0	0.0	44.0	0.5	0.0	0.0
30	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	14.0	13.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0
Total	0.0	40.0	102.5	170.0	46.0	80.0	19.0	37.5	144.5	142.0	220.8	58.9
D. Ll.	0	8	10	13	8	9	5	8	17	24	19	4

TOTALES ANUALES — 1061.2 mm. — 125 Días lluvia

ESTACION: BELLO HORIZONTE — MUNICIPIO: S. ANTONIO TENA — AÑO: 1.977
ALTITUD: 1.380 — LATITUD: 4-37 N. — LONGITUD: 74-21 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	31.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
3	0.0	0.0	0.0	44.0	8.0	0.0	0.0	0.0	0.0	0.0	40.0	4.0
4	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0	18.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	4.0	0.0	16.0	2.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	8.0	0.0	8.0	0.0	5.0	31.0	0.0
8	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	37.0	6.0	0.0
11	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	8.[illegible]	6.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	2.0	10.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0
14	0.0	0.0	4.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	45.0	0.0
15	0.0	0.0	19.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	6.0	0.0
16	0.0	0.0	0.0	0.0	35.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	12.0	11.0	0.0	0.0
19	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	24.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
21	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	10.0	0.0
22	0.0	0.0	7.0	5.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
23	34.0	4.0	0.0	4.0	14.0	0.0	0.0	0.0	14.0	8.0	0.0	0.0
24	0.0	2.0	13.0	36.0	0.0	2.0	20.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	2.0	18.0	0.0	0.0	2.0	0.0	19.0	0.0	0.0	0.0
26	2.0	0.0	0.0	34.0	8.0	0.0	2.0	0.0	28.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	20.0	0.0	0.0
28	0.0	0.0	7.0	0.0	10.0	0.0	0.0	0.0	3.0	10.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	4.0	0.0	0.0
30	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	7.0	6.0	0.0	35.0
31	0.0	0.0	46.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
Total	51.0	10.0	101.0	206.0	77.0	52.0	28.0	31.0	133.0	200.0	223.0	63.0
D. Ll.	3	3	8	11	6	6	5	4	11	14	12	4

TOTALES ANUALES — 1175.0 mm. — 87 Días lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: EL TRIANGULO MUNICIPIO: SASAIMA AÑO: 1.977

ALTITUD: 1.500 LATITUD: 4-56 N. LONGITUD: 74-26 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	9.0	0.0	0.0	0.0	23.0	10.0	6.0	0.0	2.0	0.0	23.0
2	0.0	8.0	0.0	0.0	6.0	12.0	0.0	0.0	0.0	0.0	26.0	30.0
3	0.0	0.0	0.0	8.5	0.0	9.0	0.0	1.0	0.0	17.0	110.0	10.0
4	0.0	0.0	0.0	16.0	0.0	1.0	2.0	3.5	0.0	27.0	19.0	0.0
5	0.0	7.0	0.0	49.0	0.0	0.0	1.0	1.0	0.0	12.0	36.0	0.0
6	0.0	0.0	0.0	3.0	4.0	0.0	6.0	2.5	0.0	6.0	3.0	0.0
7	7.0	1.0	0.0	6.0	0.0	0.0	7.0	20.0	0.0	6.0	17.0	0.0
8	0.0	0.0	0.0	3.0	1.0	19.0	0.0	16.0	0.0	7.0	26.0	0.0
9	0.0	0.0	0.0	3.0	0.0	0.0	0.0	1.0	0.0	15.0	6.0	11.0
10	5.5	0.0	0.0	0.0	0.0	3.0	0.0	2.0	0.0	13.0	14.0	0.0
11	0.0	4.0	0.0	1.0	0.0	4.0	0.0	2.0	0.0	17.0	24.0	0.0
12	0.0	3.0	0.0	1.0	5.0	16.0	1.0	7.0	0.0	2.0	5.0	66.0
13	0.0	1.0	0.0	0.0	25.0	2.0	0.0	28.0	5.0	3.0	103.0	3.0
14	0.0	0.0	12.0	0.0	3.0	2.0	0.0	3.5	7.0	0.0	11.0	7.0
15	0.0	2.0	39.0	0.0	0.0	0.0	6.0	0.0	0.0	11.0	4.0	5.0
16	0.0	0.5	9.5	1.0	1.0	0.0	3.0	1.5	0.0	0.0	16.0	7.0
17	0.0	3.0	2.0	2.0	1.0	0.0	2.0	0.0	0.0	1.0	18.0	4.0
18	40.0	2.5	6.0	8.0	0.0	1.0	0.0	0.0	4.0	0.0	18.0	1.0
19	19.3	0.5	2.0	0.0	3.0	0.0	0.0	0.0	1.0	1.0	1.0	7.0
20	0.0	3.7	0.0	0.0	4.0	2.0	0.0	13.0	0.0	0.0	5.0	0.0
21	0.1	60.0	1.0	0.0	0.0	7.0	0.0	2.0	16.0	0.0	2.0	0.0
22	0.0	6.5	2.5	22.0	25.0	0.0	0.0	0.0	27.0	0.0	23.0	0.0
23	49.5	1.0	61.0	24.0	11.0	0.0	0.0	0.0	11.0	7.0	0.0	0.0
24	0.1	15.5	25.0	0.0	11.0	0.0	0.0	0.0	1.0	6.0	0.0	0.0
25	55.6	2.0	1.5	46.0	46.0	0.0	2.0	0.0	12.0	2.0	2.0	0.0
26	9.4	0.0	0.0	5.0	6.0	0.0	0.0	0.0	7.0	2.0	3.0	38.0
27	0.9	0.0	0.0	0.0	12.0	0.0	2.0	1.0	77.0	4.0	0.0	50.0
28	3.0	0.0	20.0	30.0	12.0	0.0	3.5	0.0	7.0	3.0	0.0	36.0
29	8.7	0.0	23.0	17.0	1.0	0.0	2.0	0.0	59.0	19.0	0.0	1.0
30	18.5	0.0	3.0	24.0	0.0	7.0	0.0	0.0	10.0	6.0	0.0	30.0
31	22.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	12.0
Total	239.6	130.2	208.5	269.5	177.0	108.0	47.5	111.0	244.0	193.0	492.0	341.0
D. LL.	14	18	15	19	18	14	13	17	14	24	23	18

TOTALES ANUALES 2561.3 mm. 207 Dias lluvia

ESTACION: ICALI MUNICIPIO: SASAIMA AÑO: 1.977

ALTITUD: 1.380 LATITUD: 4-57 N. LONGITUD: 74-25 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	6.0	0.0	0.0	6.0	28.0	3.0	2.5	0.0	8.0	5.0	12.0
2	0.0	4.0	0.0	0.0	4.0	2.2	0.0	0.0	0.0	0.0	62.0	13.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	47.0	24.0	3.0
4	0.0	0.0	0.0	6.0	6.0	0.0	0.0	1.5	3.0	16.0	0.0	0.0
5	0.0	1.0	0.0	46.0	20.0	0.0	4.5	2.0	0.0	7.0	29.0	0.0
6	0.0	1.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	3.0	6.0	0.0
7	8.0	0.0	0.0	4.0	0.0	8.0	10.0	14.0	0.0	5.0	38.0	0.0
8	0.0	0.0	0.0	2.0	0.0	0.0	0.0	4.0	0.0	7.0	18.0	0.0
9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	8.0	2.0	0.0
10	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	11.0	16.0	0.0
11	4.0	10.0	0.0	0.0	6.0	0.0	0.0	3.0	0.0	4.0	38.0	0.0
12	2.0	2.0	0.0	0.0	0.0	8.5	0.0	37.0	0.0	0.0	2.0	18.0
13	0.0	0.0	10.0	0.0	0.0	2.5	0.0	8.0	8.0	2.0	87.0	12.0
14	0.0	3.0	12.0	0.0	20.0	0.0	1.0	2.0	14.0	0.0	50.0	6.0
15	0.0	0.0	0.0	0.0	2.0	0.0	2.0	0.0	0.0	2.0	2.0	13.0
16	0.0	0.0	0.0	0.0	0.0	1.5	6.0	0.0	0.0	0.0	30.0	15.0
17	0.0	2.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	6.0
18	4.0	5.0	0.0	0.0	0.0	2.0	0.0	0.0	10.0	0.0	27.0	0.0
19	30.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
20	6.0	38.0	0.0	0.0	0.0	3.0	0.0	0.0	7.0	0.0	5.0	0.0
21	6.0	28.0	0.0	0.0	0.0	6.5	0.0	0.0	10.0	0.0	14.0	0.0
22	0.0	0.0	0.0	16.0	24.0	0.0	0.0	0.0	23.0	10.0	26.0	0.0
23	36.0	0.0	40.0	6.0	16.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0
24	0.0	0.0	3.0	2.0	4.0	0.0	0.0	1.0	24.0	2.0	0.0	0.0
25	22.0	0.0	1.5	26.0	16.0	0.0	0.0	0.0	14.0	2.0	0.0	0.0
26	0.0	0.0	1.5	0.0	4.0	0.0	0.0	3.0	16.0	5.0	0.0	26.0
27	3.0	0.0	3.0	0.0	0.0	0.0	2.5	0.0	44.0	0.0	0.0	42.0
28	2.0	0.0	8.0	22.0	0.0	0.0	0.0	0.0	8.0	5.0	0.0	0.0
29	12.0	0.0	2.0	6.0	0.0	0.0	0.0	0.0	49.0	25.0	0.0	2.0
30	14.0	0.0	3.0	38.0	0.0	20.0	16.5	0.0	18.0	10.0	0.0	6.0
31	12.0	0.0	0.0	0.0	0.0	0.0	7.5	0.0	0.0	2.0	0.0	0.0
Total	162.0	103.0	90.0	188.0	128.0	82.2	53.0	82.5	277.0	181.0	509.0	174.0
D. LL.	15	12	11	13	12	10	9	13	16	20	20	13

TOTALES ANUALES 2029.7 mm. 164 Dias lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: SECRETARIA DE AGRICULTURA **MUNICIPIO:** GUADUAS **AÑO:** 1.977

ALTITUD: 1.060 **LATITUD:** 5-04 N. **LONGITUD:** 74-36 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	24.0	0.0	1.0	0.0	10.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	4.0	0.0
3	78.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0
4	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	62.0	6.0	2.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	75.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	36.0	5.0	0.0	8.0	0.0	21.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	54.0	4.0	0.0
10	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	26.0	53.0	0.0
11	0.0	4.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	2.0	4.0	0.0
12	0.0	0.0	10.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	4.0	29.0
13	0.0	6.0	0.0	0.0	0.0	0.0	0.0	16.0	3.0	0.0	0.0	0.0
14	0.0	1.0	11.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	18.0	0.0
15	0.0	0.0	11.0	0.0	10.0	0.0	0.0	1.0	0.0	0.0	27.0	6.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	2.0	0.0
17	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	15.0	0.0
18	0.0	6.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	7.0	0.0
19	2.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	42.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	18.0	0.0	0.0	0.0
21	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	9.0	0.0	17.0	0.0
23	0.0	4.0	0.0	0.0	8.0	0.0	0.0	0.0	17.0	10.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	5.0	5.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	5.0
29	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	35.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	1.0	0.0	0.0
Total	88.0	39.0	32.0	26.0	18.0	112.0	52.0	48.0	165.0	311.0	283.0	63.0
D. Ll.	3	6	3	1	2	9	3	7	9	16	15	5
TOTALES ANUALES							1237.0 mm.				79	Días lluvia

ESTACION: LA CARLINA **MUNICIPIO:** SAN FRANCISCO **AÑO:** 1.977

ALTITUD: 1.665 **LATITUD:** 4-59 N. **LONGITUD:** 74-17 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	23.0	8.0	0.0	0.0	0.0	0.0	9.0	0.0
2	0.0	2.0	0.0	0.0	0.0	5.0	1.0	0.0	0.0	2.0	22.0	19.0
3	0.0	0.0	0.0	53.0	0.0	0.0	0.0	0.0	0.0	27.0	3.0	0.0
4	0.0	0.0	0.0	27.0	41.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	8.0	20.0	0.0	8.0	14.0	0.0
8	0.0	0.0	0.0	3.0	0.0	0.0	0.0	12.0	0.0	8.0	6.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	20.0	16.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	9.0	21.0
11	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	32.0	5.0
12	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	17.0
13	0.0	2.0	3.0	0.0	0.0	7.0	0.0	6.0	0.0	0.0	19.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	18.0	19.0
15	0.0	0.0	2.0	0.0	4.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
16	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	5.0	4.0	4.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	1.0
19	4.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	12.0	7.0	0.0	9.0
20	0.0	5.0	0.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	11.0	0.0
21	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
22	26.0	0.0	11.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	22.0	8.0	0.0	0.0	0.0	4.0	11.0	2.0	0.0
24	13.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
25	10.0	0.0	36.0	27.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0
26	2.0	0.0	0.0	4.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	41.0	23.0	0.0	4.0	8.0	0.0	19.0	22.0	0.0	12.0
28	0.0	0.0	26.0	2.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	10.0
29	5.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	2.0
30	27.0	0.0	16.0	27.0	0.0	4.0	0.0	0.0	4.0	7.0	0.0	11.0
31	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	1.0	0.0	0.0
Total	87.0	9.0	182.0	188.0	88.0	47.0	20.0	51.0	94.0	160.0	214.0	146.0
D. Ll.	7	3	11	9	6	7	5	5	9	16	16	13
TOTALES ANUALES							1286.0 mm.				107	Días lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: BUENOS AIRES — MUNICIPIO: TERUEL — AÑO: 1.977

ALTITUD: 1.450 — LATITUD: 2-45 N. — LONGITUD: 75-35 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	2.0	5.0	20.0	0.0	4.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	3.0
3	8.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	21.0	30.0	0.0
4	0.0	0.0	0.0	6.0	0.0	9.0	0.0	0.0	0.0	22.0	0.0	0.0
5	0.0	0.0	0.0	10.0	0.0	7.0	0.0	0.0	0.0	0.0	12.0	4.0
6	0.0	0.0	0.0	12.0	7.0	10.0	2.0	0.0	0.0	4.0	0.0	0.0
7	0.0	0.0	0.0	34.0	5.0	6.0	4.0	0.0	0.0	5.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	5.0	3.0	0.0	0.0	5.0	8.0	0.0
9	0.0	0.0	0.0	7.0	0.0	8.0	0.0	4.0	0.0	5.0	11.0	2.0
10	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	0.0
11	6.0	1.0	0.0	7.0	0.0	9.0	0.0	10.0	0.0	0.0	2.0	25.0
12	0.0	0.0	0.0	0.0	0.0	16.0	0.0	6.0	0.0	0.0	7.0	0.0
13	0.0	0.0	17.0	0.0	23.0	6.0	0.0	8.0	0.0	0.0	23.0	0.0
14	0.0	0.0	15.0	0.0	23.0	8.0	0.0	0.0	0.0	3.0	8.0	4.0
15	0.0	1.0	0.0	0.0	7.0	0.0	0.0	10.0	0.0	1.0	4.0	0.0
16	0.0	4.0	0.0	0.0	2.0	0.0	4.0	6.0	0.0	0.0	4.0	4.0
17	11.0	44.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
18	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
19	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0
20	6.0	32.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	2.0
22	3.0	25.0	21.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
23	6.0	0.0	52.0	2.0	0.0	7.0	6.0	2.0	0.0	58.0	0.0	0.0
24	0.0	0.0	30.0	12.0	0.0	0.0	0.0	1.0	30.0	8.0	0.0	0.0
25	14.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	20.0	10.0	3.0	6.0
26	0.0	0.0	0.0	12.0	0.0	0.0	6.0	0.0	12.0	24.0	0.0	0.0
27	0.0	0.0	0.0	10.0	0.0	0.0	18.0	0.0	10.0	20.0	50.0	2.0
28	0.0	0.0	55.0	6.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	4.0
29	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0
30	0.0	0.0	11.0	4.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
31	43.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0
Total	113.0	107.0	236.0	143.0	72.0	124.0	43.0	51.0	91.0	239.0	210.0	59.0
D. LI.	10	6	9	17	7	14	7	9	5	17	18	11
TOTALES ANUALES							1486.0 mm.				130	Dias lluvia

ESTACION: KIOSCO — MUNICIPIO: ALGECIRAS — AÑO: 1.977

ALTITUD: 1.400 — LATITUD: 2-32 N. — LONGITUD: 75-20 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1			0.0	13.0	0.0	0.0	16.0	15.0	0.0	8.0	0.0	0.0
2			0.0	0.0	0.0	18.0	0.0	8.0	15.0	12.0	6.0	0.0
3			0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
4			0.0	8.0	0.0	24.0	6.0	0.0	0.0	8.0	10.0	0.0
5			0.0	0.0	8.0	20.0	4.0	0.0	0.0	0.0	0.0	0.0
6			0.0	6.0	2.0	0.0	24.0	0.0	0.0	6.0	15.0	0.0
7			0.0	4.0	5.0	14.0	0.0	0.0	8.0	10.0	6.0	0.0
8			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0
9			0.0	0.0	4.0	0.0	0.0	0.0	6.0	15.0	0.0	0.0
10			0.0	9.0	6.0	0.0	10.0	0.0	9.0	10.0	5.0	0.0
11			0.0	15.0	13.0	12.0	0.0	0.0	0.0	6.0	10.0	0.0
12	●		0.0	0.0	0.0	20.0	0.0	0.0	0.0	5.0	0.0	0.0
13			0.0	3.0	0.0	0.0	0.0	5.0	0.0	10.0	73.0	0.0
14			0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15			0.0	2.0	16.0	4.0	0.0	16.0	4.0	0.0	15.0	0.0
16			0.0	0.0	15.0	0.0	5.0	0.0	0.0	0.0	10.0	0.0
17			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18			0.0	0.0	2.0	8.0	0.0	0.0	8.0	0.0	5.0	0.0
19			0.0	0.0	1.0	0.0	0.0	0.0	13.0	0.0	13.0	0.0
20			0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
21			0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
22			4.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	3.0	0.0
23			21.0	28.0	6.0	3.0	0.0	0.0	0.0	15.0	0.0	0.0
24			15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0
25			0.0	25.0	5.0	6.0	0.0	5.0	0.0	6.0	0.0	0.0
26			0.0	0.0	0.0	0.0	0.0	6.0	25.0	10.0	0.0	0.0
27			0.0	2.0	0.0	8.0	10.0	0.0	9.0	0.0	0.0	15.0
28			23.0	24.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	10.0
29			0.0	0.0	0.0	12.0	3.0	0.0	0.0	0.0	0.0	6.0
30			0.0	23.0	12.0	0.0	0.0	6.0	10.0	10.0	0.0	13.0
31			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total			63.0	167.0	116.0	152.0	78.0	64.0	127.0	131.0	195.0	44.0
D. LI.			4	14	14	13	8	8	12	14	15	4
TOTALES ANUALES							mm.					Dias lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: MARINGA MUNICIPIO: ACACIAS AÑO: 1.977

ALTITUD: 540 LATITUD: 4-00 N. LONGITUD: 73-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	15.0	3.0	0.0
2	0.0	0.0	0.0	64.0	0.0	0.0	0.0	40.0	0.0	20.0	12.0	0.0
3	0.0	0.0	0.0	40.0	0.0	0.0	0.0	4.0	0.0	0.0	5.0	0.0
4	0.0	0.0	0.0	3.0	0.0	0.0	20.0	28.0	0.0	5.0	0.0	0.0
5	0.0	0.0	0.0	0.0	40.0	0.0	4.0	40.0	17.0	0.0	0.0	0.0
6	0.0	0.0	0.0	43.0	0.0	15.0	5.0	3.0	0.0	0.0	0.0	0.0
7	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0
8	0.0	8.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	27.0	0.0
9	0.0	0.0	10.0	0.0	0.0	13.0	3.0	0.0	0.0	18.0	0.0	0.0
10	0.0	0.0	0.0	9.0	0.0	0.0	12.0	0.0	0.0	3.0	0.0	0.0
11	0.0	45.0	0.0	40.0	0.0	74.0	22.0	9.0	0.0	60.0	0.0	0.0
12	0.0	5.0	25.0	3.0	0.0	3.0	3.0	16.0	10.0	0.0	0.0	0.0
13	0.0	3.0	45.0	0.0	20.0	16.0	0.0	0.0	8.0	0.0	9.0	0.0
14	0.0	0.0	90.0	68.0	25.0	10.0	0.0	5.0	40.0	5.0	53.0	0.0
15	0.0	0.0	2.0	8.0	8.0	12.0	0.0	70.0	20.0	9.0	0.0	0.0
16	0.0	5.0	3.0	0.0	0.0	4.0	0.0	8.0	0.0	16.0	3.0	0.0
17	0.0	0.0	2.0	0.0	27.0	25.0	0.0	0.0	0.0	7.0	0.0	0.0
18	0.0	0.0	0.0	40.0	0.0	3.0	0.0	0.0	0.0	92.0	0.0	0.0
19	0.0	0.0	0.0	5.0	0.0	5.0	5.0	18.0	0.0	27.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	3.0	23.0	8.0	3.0	8.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	17.0	78.0	0.0	0.0	6.0	40.0	0.0
22	0.0	0.0	0.0	0.0	0.0	8.0	2.0	0.0	98.0	3.0	0.0	7.0
23	0.0	0.0	0.0	0.0	48.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	5.0	0.0	0.0	0.0	25.0	0.0	50.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	15.0	8.0	3.0	25.0	0.0	20.0	0.0
26	0.0	0.0	98.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0
27	0.0	0.0	11.0	0.0	12.0	40.0	35.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	39.0	3.0	3.0	16.0	15.0	20.0	0.0	0.0	0.0	0.0
29	0.0	0.0	8.0	0.0	53.0	15.0	0.0	5.0	0.0	3.0	0.0	0.0
30	0.0	0.0	3.0	0.0	0.0	19.0	0.0	0.0	2.0	10.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.0	76.0	336.0	326.0	236.0	338.0	245.0	328.0	268.0	307.0	172.0	19.0
D. Ll.	0	7	12	12	9	20	15	17	10	17	9	2

TOTALES ANUALES 2651.0 mm. 130 Días lluvia

ESTACION: SUCRE MUNICIPIO: TELLO AÑO: 1.977

ALTITUD: 1.450 LATITUD: 3-04 N. LONGITUD: 75-09 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	30.0	4.0	1.0	6.0	13.0	1.0	33.0	3.0	0.0
2	0.0	1.0	0.0	49.0	2.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
3	0.0	0.0	0.0	4.0	8.0	5.0	0.0	0.0	0.0	0.0	27.0	0.0
4	0.0	0.0	0.0	30.0	2.0	0.0	2.0	2.0	0.0	10.0	3.0	1.0
5	0.0	0.0	0.0	3.0	1.0	0.0	3.0	2.0	0.0	8.0	8.0	0.0
6	0.0	2.0	1.0	7.0	3.0	0.0	4.0	4.0	0.0	19.0	18.0	0.0
7	0.0	14.0	0.0	2.0	0.0	32.0	0.0	0.0	1.0	22.0	4.0	0.0
8	0.0	0.0	0.0	30.0	0.0	2.0	3.0	0.0	0.0	4.0	9.0	3.0
9	0.0	0.0	0.0	0.0	7.0	1.0	2.0	3.0	0.0	1.0	6.0	0.0
10	0.0	2.0	0.0	2.0	11.0	0.0	0.0	0.0	2.0	22.0	11.0	0.0
11	0.0	18.0	0.0	2.0	8.0	18.0	0.0	0.0	0.0	28.0	15.0	0.0
12	0.0	1.0	0.0	0.0	0.0	32.0	2.0	2.0	0.0	7.0	21.0	0.0
13	0.0	3.0	2.0	3.0	0.0	0.0	1.0	0.0	2.0	0.0	33.0	0.0
14	0.0	5.0	0.0	1.0	8.0	3.0	4.0	10.0	0.0	4.0	23.0	0.0
15	0.0	4.0	0.0	3.0	34.0	0.0	0.0	18.0	2.0	1.0	8.0	0.0
16	0.0	5.0	0.0	6.0	4.0	4.0	0.0	0.0	4.0	0.0	3.0	0.0
17	0.0	1.0	0.0	0.0	3.0	0.0	3.0	0.0	0.0	6.0	3.0	1.0
18	2.0	2.0	3.0	0.0	3.0	0.0	2.0	0.0	0.0	4.0	7.0	0.0
19	2.5	1.0	2.0	0.0	5.0	3.0	0.0	0.0	3.0	0.0	2.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0	1.0	7.0	0.0
21	0.0	0.0	0.0	2.0	0.0	0.0	3.0	4.0	6.0	0.0	7.0	0.0
22	0.0	0.0	3.0	39.0	3.0	1.0	4.0	8.0	0.0	1.0	3.0	0.0
23	2.5	0.0	15.0	37.0	10.0	0.0	2.0	0.0	4.0	3.0	2.0	0.0
24	1.0	0.0	2.0	2.0	2.0	0.0	8.0	2.0	1.0	6.0	8.0	0.0
25	0.0	2.0	0.0	16.0	0.0	0.0	2.0	5.0	3.0	3.0	3.0	0.0
26	0.0	0.0	0.0	1.0	0.0	0.0	4.0	0.0	33.0	7.0	0.0	0.0
27	0.0	0.0	0.0	24.0	1.0	0.0	14.0	0.0	11.0	3.0	0.0	24.0
28	0.0	0.0	4.0	7.0	2.0	17.0	1.0	0.0	14.0	2.0	0.0	18.0
29	1.0	0.0	1.0	6.0	0.0	0.0	0.0	0.0	8.0	7.1	0.0	3.0
30	2.0	0.0	1.0	39.0	0.0	0.0	0.0	3.0	8.0	1.0	0.0	0.0
31	2.0	0.0	3.0	0.0	0.0	0.0	4.0	0.0	0.0	7.0	0.0	0.0
Total	13.0	61.0	37.0	345.0	121.0	119.0	76.0	78.0	107.0	210.1	238.0	50.0
D. Ll.	7	14	11	24	20	12	21	14	17	25	25	6

TOTALES ANUALES 1455.1 mm. 196 Días lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: CONCENTRACION AGRICCLA MUNICIPIO: LCURCES AÑO: 1.977

ALTITUD: 1.450 LATITUD: 7-58 N. LONGITUD: 72-50 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	10.0	0.0	10.0	7.0	0.0	0.0	0.0	0.0	5.0	30.0	0.0
2	0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0
3	0.0	31.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	54.0	30.0	0.0
4	0.0	0.0	0.0	13.0	0.0	0.0	2.0	15.0	0.0	20.0	7.0	0.0
5	0.0	0.0	0.0	1.0	5.0	0.0	0.0	0.0	0.0	13.0	35.0	0.0
6	0.0	0.0	0.0	20.0	0.0	0.0	1.0	2.0	0.0	4.0	30.0	0.0
7	0.0	0.0	0.0	8.0	0.0	12.0	2.0	1.0	0.0	18.0	1.0	0.0
8	0.0	0.0	0.0	3.0	0.0	35.0	0.0	0.0	0.0	88.0	5.0	0.0
9	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	14.0	1.0	15.0	1.0	0.0	0.0	0.0	7.0	0.0
11	0.0	0.0	0.0	9.0	0.0	7.0	3.0	1.0	0.0	0.0	10.0	0.0
12	0.0	0.0	0.0	14.5	0.0	2.0	4.0	15.0	0.0	0.0	25.0	0.0
13	0.0	0.0	10.0	0.0	7.0	3.0	0.0	10.0	0.0	0.0	50.0	0.0
14	0.0	0.0	32.0	0.0	0.0	18.0	0.0	0.0	0.0	50.0	0.0	0.0
15	0.0	0.0	7.0	10.0	116.0	0.0	6.0	1.0	0.0	15.0	0.0	0.0
16	0.0	0.0	1.0	0.0	1.0	2.0	0.0	10.0	0.0	0.0	0.0	0.0
17	0.0	33.0	0.0	0.0	14.0	3.0	0.0	5.0	0.0	30.0	0.0	30.0
18	10.0	32.0	0.0	2.0	1.0	0.0	0.0	0.0	27.0	0.0	35.0	0.0
19	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.0	0.0	0.0	0.0
20	20.0	0.0	0.0	7.0	2.0	3.0	2.0	0.0	28.0	0.0	0.0	0.0
21	13.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	4.0	10.0	0.0	0.0	15.0	0.0	0.0	0.0
23	7.0	0.0	98.0	1.0	2.0	5.0	0.0	3.0	0.0	7.0	0.0	0.0
24	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	1.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0
26	0.0	0.0	60.0	18.0	4.0	0.0	50.0	0.0	14.5	50.0	0.0	0.0
27	0.0	0.0	0.0	13.5	0.0	7.0	5.0	0.0	0.0	50.0	0.0	0.0
28	0.0	0.0	0.0	12.0	0.0	5.0	0.0	0.0	2.0	5.0	0.0	0.0
29	0.0	0.0	27.0	7.0	2.0	34.0	0.0	0.0	0.0	25.0	0.0	0.0
30	0.0	0.0	54.1	30.0	0.0	1.0	0.0	0.0	5.0	60.0	0.0	0.0
31	0.0	0.0	21.0	0.0	11.0	0.0	0.0	0.0	0.0	95.0	0.0	0.0
Total	56.0	129.0	310.1	226.0	177.0	187.0	76.0	63.0	194.5	589.0	305.0	30.0
D. LI.	6	5	9	22	14	17	10	10	9	17	13	1

TOTALES ANUALES 2342.6 mm. 133 Dias lluvia

ESTACION: SAN JOSECITO MUNICIPIO: TOLEDO AÑO: 1.977

ALTITUD: 1.900 LATITUD: 7-18 N. LONGITUD: 72-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	1.0	0.0	0.0	0.0	3.0	6.0	4.0	6.0	0.0	2.0	0.0
2	5.0	2.0	0.0	0.0	4.0	8.0	0.0	8.0	0.0	0.0	1.0	0.0
3	5.0	0.0	2.0	3.0	1.0	0.0	16.0	10.0	3.0	0.0	0.0	0.0
4	0.0	0.0	2.0	3.0	0.0	0.0	13.0	12.0	23.0	2.0	0.0	0.0
5	0.0	0.0	0.0	0.0	10.0	5.0	0.0	6.0	7.0	1.0	0.0	0.0
6	0.0	3.0	0.0	0.0	4.0	12.0	0.0	11.0	3.0	3.0	0.0	0.0
7	0.0	2.0	3.0	0.0	0.0	4.0	0.0	9.0	4.0	0.0	4.0	0.0
8	0.0	0.0	2.0	5.0	0.0	0.0	5.0	9.0	0.0	0.0	6.0	0.0
9	0.0	0.0	0.0	4.0	11.0	20.0	14.0	7.0	0.0	0.0	0.0	0.0
10	0.0	4.0	0.0	5.0	4.0	10.0	2.0	2.0	0.0	0.0	0.0	0.0
11	0.0	5.0	0.0	35.0	0.0	15.0	0.0	0.0	3.0	0.0	0.0	0.0
12	0.0	7.0	0.0	22.0	10.0	10.0	0.0	0.0	6.0	4.0	0.0	0.0
13	0.0	0.0	0.0	0.0	4.0	2.0	0.0	7.0	1.0	1.0	5.0	0.0
14	0.0	0.0	0.0	6.0	10.0	28.0	0.0	4.0	3.0	3.0	0.0	0.0
15	0.0	0.0	8.0	4.0	0.0	8.0	20.0	6.0	14.0	0.0	0.0	0.0
16	1.0	0.0	12.0	1.0	2.0	4.0	5.0	8.0	7.0	0.0	0.0	0.0
17	2.0	0.0	9.0	0.0	1.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
18	1.0	0.0	0.0	4.0	7.0	25.0	2.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	6.0	22.0	3.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	4.0	4.0	0.0	0.0	2.0	0.0	0.0	0.0
21	0.0	0.0	0.0	3.0	11.0	14.0	4.0	0.0	7.0	0.0	2.0	0.0
22	0.0	0.0	0.0	0.0	20.0	10.0	8.0	3.0	0.0	0.0	1.0	0.0
23	0.0	0.0	0.0	0.0	13.0	5.0	12.0	0.0	3.0	2.0	0.0	0.0
24	0.0	0.0	0.0	4.0	5.0	8.0	2.0	12.0	2.0	4.0	3.0	0.0
25	0.0	0.0	2.0	4.0	0.0	12.0	0.0	9.0	0.0	0.0	1.0	0.0
26	0.0	0.0	4.0	0.0	14.0	6.0	14.0	0.0	0.0	6.0	0.0	0.0
27	0.0	0.0	6.0	0.0	12.0	0.0	9.0	1.0	3.0	1.0	0.0	0.0
28	0.0	0.0	3.0	0.0	1.0	32.0	8.0	3.0	2.0	0.0	0.0	0.0
29	0.0	0.0	2.0	1.0	2.0	10.0	0.0	2.0	0.0	0.0	0.0	0.0
30	0.0	0.0	2.0	0.0	3.0	9.0	10.0	1.0	6.0	0.0	0.0	0.0
31	3.0	0.0	0.0	0.0	2.0	0.0	22.0	14.0	0.0	0.0	0.0	0.0
Total	17.0	24.0	57.0	104.0	161.0	286.0	175.0	150.0	105.0	27.0	25.0	0.0
D. LI.	6	7	13	15	24	25	19	23	19	10	9	0

TOTALES ANUALES 1131.0 mm. 170 Dias lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: VIVERO — MUNICIPIO: QUIMBAYA — AÑO: 1.977

ALTITUD: 1.400 — LATITUD: 4-37 N. — LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	2.0	0.0	24.0	0.0	0.0	0.0	55.0	0.0	0.0
2	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
3	0.0	0.0	0.0	14.0	6.0	0.0	0.0	0.0	0.0	4.0	4.0	0.0
4	18.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	16.0	10.0	0.0
5	0.0	0.0	0.0	0.0	22.0	2.0	32.0	0.0	0.0	0.0	23.0	0.0
6	0.0	0.0	0.0	0.0	3.0	34.0	22.0	27.0	0.0	0.0	17.0	0.0
7	0.0	0.0	0.0	0.0	2.0	10.0	0.0	10.0	0.0	48.0	12.0	18.0
8	3.0	6.0	0.0	0.0	0.0	1.0	0.0	16.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	89.0	0.0	0.0
10	0.0	0.0	0.0	0.0	10.0	6.0	0.0	0.0	0.0	0.0	20.0	0.0
11	0.0	10.0	14.0	0.0	6.0	30.0	0.0	0.0	0.0	22.0	22.0	0.0
12	0.0	0.0	6.0	0.0	0.0	30.0	0.0	14.0	17.0	0.0	5.0	5.0
13	0.0	0.0	6.0	3.0	0.0	0.0	0.0	32.0	45.0	18.0	12.0	0.0
14	0.0	0.0	0.0	0.0	12.0	0.0	3.0	0.0	0.0	0.0	0.0	7.0
15	0.0	0.0	0.0	0.0	44.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
16	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	1.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	10.0	2.0	0.0
18	46.0	0.0	5.0	0.0	44.0	8.0	0.0	25.0	48.0	0.0	6.0	3.0
19	0.0	12.0	0.0	0.0	0.0	19.0	14.0	0.0	0.0	2.0	0.0	0.0
20	0.0	2.0	0.0	2.0	0.0	18.0	0.0	31.0	0.0	0.0	0.0	0.0
21	0.0	2.0	28.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	4.0
22	0.0	0.0	14.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	5.0	16.0	51.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0
24	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	16.0	4.0	0.0
25	0.0	0.0	0.0	0.0	0.0	5.0	12.0	0.0	17.0	2.0	0.0	0.0
26	0.0	0.0	0.0	29.0	0.0	5.0	0.0	14.0	35.0	5.0	2.0	0.0
27	0.0	0.0	4.0	0.0	0.0	10.0	0.0	0.0	10.0	19.0	0.0	50.0
28	6.0	3.0	49.0	0.0	4.0	3.0	0.0	0.0	0.0	14.0	0.0	42.0
29	0.0	0.0	7.0	16.0	0.0	2.0	0.0	0.0	46.0	0.0	0.0	0.0
30	0.0	0.0	26.0	51.0	0.0	21.0	4.0	5.0	24.0	0.0	0.0	0.0
31	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	75.0	51.0	164.0	176.0	222.0	228.0	103.0	174.0	248.0	352.0	139.0	139.0
D. Ll.	5	9	11	11	12	17	8	9	10	15	13	8

TOTALES ANUALES — 2071.0 mm. — 128 Días lluvia

ESTACION: MARACAY — MUNICIPIO: QUIMBAYA — AÑO: 1.977

ALTITUD: 1.450 — LATITUD: 4-36 N — LONGITUD: 75-46 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	5.0	0.0	9.0	0.0	46.0	0.0	0.0	0.0	91.0	0.0	0.0
2	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	11.0	0.0	0.0	6.0	0.0	0.0	0.0	13.0	0.0
4	0.0	0.0	0.0	0.0	12.0	10.0	0.0	0.0	20.0	13.0	0.0	0.0
5	0.0	2.0	0.0	0.0	19.0	8.0	32.0	4.0	0.0	0.0	0.0	2.0
6	0.0	0.0	0.0	0.0	0.0	22.0	0.0	15.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	15.0	0.0	15.0	0.0	22.0	0.0	18.0	15.0	0.0
8	0.0	4.0	0.0	0.0	0.0	10.0	13.0	11.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	42.0	4.0	0.0	23.0	0.0	18.0
10	0.0	0.0	0.0	0.0	70.0	7.0	0.0	0.0	0.0	0.0	0.0	8.0
11	0.0	45.0	10.0	0.0	20.0	10.0	0.0	0.0	0.0	10.0	0.0	2.0
12	0.0	0.0	37.0	0.0	0.0	20.0	0.0	31.0	16.0	0.0	0.0	0.0
13	0.0	0.0	10.0	0.0	0.0	5.0	0.0	28.0	37.0	16.0	8.0	0.0
14	0.0	0.0	20.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	5.0	0.0
15	0.0	25.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	10.0	0.0	0.0	12.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0
17	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	0.0
18	0.0	0.0	0.0	0.0	25.0	15.0	0.0	0.0	50.0	0.0	0.0	0.0
19	31.0	0.0	0.0	0.0	20.0	10.0	4.0	0.0	0.0	7.0	6.0	0.0
20	0.0	9.0	0.0	0.0	0.0	18.0	0.0	20.0	55.0	0.0	3.0	0.0
21	0.0	0.0	20.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	20.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
23	0.0	0.0	18.0	80.0	40.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	10.0	0.0	0.0
25	0.0	10.0	0.0	6.0	0.0	0.0	10.0	0.0	19.0	9.0	0.0	3.0
26	0.0	0.0	0.0	60.0	0.0	14.0	6.0	0.0	30.0	23.0	0.0	0.0
27	0.0	0.0	3.0	0.0	0.0	0.0	4.0	0.0	11.0	21.0	0.0	0.0
28	10.0	10.0	20.0	3.0	10.0	14.0	0.0	0.0	10.0	41.0	35.0	0.0
29	0.0	0.0	7.0	40.0	0.0	4.0	0.0	5.0	0.0	0.0	40.0	0.0
30	0.0	0.0	0.0	20.0	0.0	13.0	22.0	3.0	0.0	0.0	0.0	0.0
31	0.0	0.0	26.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0
Total	41.0	120.0	201.0	284.0	258.0	256.0	159.0	148.0	251.0	331.0	127.0	33.0
D. Ll.	2	9	12	12	10	18	10	11	10	14	9	5

TOTALES ANUALES — 2209.0 mm. — 122 Días lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: YOLANDA — MUNICIPIO: QUIMBAYA — AÑO: 1.977
ALTITUD: 1.320 — LATITUD: 4-35 N — LONGITUD: 75-46 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	2.0	0.0	16.0	0.0	0.0	0.0	42.0	0.0	12.0
2	0.0	0.0	0.0	9.0	0.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	3.0	24.0	0.0	0.0	0.0	0.0	10.0	7.0	0.0
4	0.0	0.0	0.0	4.0	14.0	2.0	0.0	23.0	0.0	16.0	0.0	0.0
5	0.0	0.0	0.0	0.0	25.0	0.0	18.0	0.0	0.0	0.0	12.0	0.0
6	0.0	0.0	0.0	0.0	0.0	16.0	36.0	13.0	0.0	2.0	15.0	13.0
7	0.0	0.0	0.0	0.0	10.0	11.0	4.0	9.0	0.0	138.0	12.0	0.0
8	0.0	10.0	0.0	1.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	1.0	13.0	0.0	0.0	11.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	12.0	0.0
11	0.0	0.0	15.0	0.0	9.0	24.0	0.0	0.0	0.0	43.0	79.0	0.0
12	0.0	14.0	5.0	0.0	0.0	23.0	0.0	9.0	12.0	0.0	0.0	5.0
13	0.0	0.0	0.0	0.0	0.0	2.0	0.0	18.0	37.0	20.0	15.0	3.0
14	0.0	0.0	0.0	0.0	30.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	3.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
16	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	27.0	20.0	0.0	0.0	0.0	0.0	24.0	9.0	0.0
18	0.0	1.0	14.0	0.0	0.0	0.0	0.0	21.0	41.0	0.0	0.0	0.0
19	24.0	14.0	0.0	0.0	35.0	18.0	13.0	0.0	0.0	7.0	0.0	0.0
20	0.0	3.0	0.0	0.0	0.0	14.0	0.0	32.0	5.0	0.0	0.0	0.0
21	0.0	2.0	15.0	1.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
22	1.0	0.0	22.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
23	0.0	0.0	6.0	18.0	43.0	0.0	0.0	0.0	0.0	42.0	0.0	0.0
24	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	24.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	17.0	7.0	0.0	21.0	0.0	0.0	0.0
26	0.0	0.0	0.0	25.0	0.0	5.0	4.0	10.0	25.0	5.0	0.0	0.0
27	0.0	0.0	4.0	2.0	0.0	6.0	0.0	0.0	25.0	5.0	0.0	59.0
28	0.0	1.0	47.0	3.0	2.0	7.0	0.0	0.0	2.0	14.0	0.0	37.0
29	2.0	0.0	4.0	21.0	0.0	2.0	0.0	0.0	43.0	0.0	0.0	0.0
30	2.0	0.0	3.0	38.0	0.0	22.0	0.0	6.0	25.0	0.0	0.0	0.0
31	0.0	0.0	1.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0
Total	29.0	72.0	136.0	183.0	212.0	228.0	108.0	149.0	242.0	403.0	161.0	132.0
D. Ll.	4	10	11	14	10	19	8	11	12	15	8	7

TOTALES ANUALES — 2055.0 mm. — 129 Dias lluvia

ESTACION: PUEBLO TAPADO — MUNICIPIO: MONTENEGRO — AÑO: 1.977
ALTITUD: 1.250 — LATITUD: 4-34 N. — LONGITUD: 75-47 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	8.0	0.0	0.0	30.0	4.0	0.0	5.0	7.0	5.0
2	0.0	4.0	0.0	15.0	1.0	0.0	15.0	18.0	0.0	3.0	0.0	1.0
3	0.0	0.0	0.0	1.0	0.0	3.0	14.0	25.0	0.0	12.0	1.0	0.0
4	0.0	3.0	0.0	3.0	2.0	0.0	0.0	0.0	0.0	2.0	8.0	0.0
5	0.0	0.0	0.0	4.0	17.0	43.0	0.0	0.0	0.0	8.0	15.0	12.0
6	0.0	0.0	0.0	2.0	0.0	8.0	0.0	0.0	0.0	32.0	16.0	14.0
7	0.0	0.0	0.0	0.0	45.0	10.0	0.0	0.0	0.0	49.0	0.0	15.0
8	0.0	0.0	0.0	2.0	3.0	57.0	3.0	5.0	0.0	5.0	0.0	17.0
9	0.0	0.0	0.0	4.0	4.0	0.0	0.0	14.0	8.0	2.0	0.0	8.0
10	0.0	0.0	0.0	0.0	10.0	0.0	18.0	0.0	0.0	1.0	0.0	1.0
11	0.0	0.0	0.0	0.0	0.0	5.0	1.0	0.0	0.0	4.0	3.0	0.0
12	0.0	0.0	0.0	0.0	20.0	14.0	0.0	12.0	12.0	5.0	5.0	0.0
13	0.0	4.0	0.0	0.0	8.0	0.0	5.0	16.0	0.0	8.0	0.0	0.0
14	0.0	0.0	29.0	3.0	7.0	0.0	8.0	8.0	16.0	24.0	8.0	0.0
15	12.0	4.0	0.0	0.0	1.0	0.0	0.0	13.0	0.0	1.0	3.0	0.0
16	0.0	7.0	0.0	0.0	5.0	0.0	4.0	0.0	0.0	2.0	0.0	0.0
17	0.0	0.0	0.0	0.0	27.0	5.0	5.0	0.0	21.0	12.0	0.0	0.0
18	0.0	54.0	0.0	0.0	15.0	1.0	0.0	0.0	17.0	14.0	3.0	0.0
19	0.0	1.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	18.0	17.0	0.0
20	0.0	7.0	0.0	0.0	14.0	0.0	0.0	0.0	14.0	13.0	0.0	0.0
21	0.0	8.0	0.0	0.0	20.0	0.0	14.0	12.0	0.0	12.0	0.0	0.0
22	2.0	0.0	12.0	0.0	1.0	0.0	6.0	18.0	37.0	32.0	0.0	0.0
23	0.0	4.0	13.0	14.0	0.0	0.0	0.0	13.0	28.0	18.0	5.0	0.0
24	0.0	2.0	25.0	12.0	4.0	0.0	24.0	0.0	0.0	29.0	0.0	0.0
25	0.0	0.0	1.0	24.0	0.0	1.0	10.0	0.0	12.0	35.0	0.0	0.0
26	0.0	0.0	11.0	14.0	5.0	0.0	5.0	19.0	8.0	18.0	0.0	0.0
27	0.0	0.0	49.0	0.0	3.0	18.0	0.0	17.0	11.0	9.0	5.0	0.0
28	0.0	0.0	10.0	3.0	8.0	0.0	0.0	0.0	13.0	5.0	1.0	0.0
29	4.0	0.0	9.0	27.0	0.0	11.0	12.0	5.0	12.0	1.0	2.0	0.0
30	0.0	0.0	2.0	0.0	0.0	0.0	18.0	0.0	5.0	5.0	5.0	0.0
31	0.0	0.0	8.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
Total	18.0	98.0	169.0	136.0	225.0	176.0	192.0	201.0	214.0	385.0	104.0	73.0
D. Ll.	3	11	11	15	23	12	17	15	14	31	16	8

TOTALES ANUALES — 1991.0 mm. — 176 Dias lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: LA HUISANA MUNICIPIO: QUINCHIA AÑO: 1.977

ALTITUD: 1.650 LATITUD: 5-20 N. LONGITUD: 75-44 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1				0.0	0.0	0.0	31.0	0.0	0.0	10.0	18.0	0.0
2				0.0	4.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0
3				0.0	10.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0
4				0.0	0.0	0.0	0.0	0.0	0.0	48.0	0.0	4.0
5				0.0	39.0	0.0	0.0	12.0	18.0	0.0	18.0	0.0
6				0.0	0.0	34.0	0.0	18.0	0.0	14.0	20.0	0.0
7				0.0	0.0	50.0	40.0	0.0	0.0	0.0	48.0	0.0
8				0.0	0.0	0.0	0.0	0.0	0.0	8.0	32.0	12.0
9				0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0
10				0.0	0.0	0.0	0.0	0.0	0.0	6.0	54.0	0.0
11				20.0	0.0	12.0	0.0	18.0	0.0	0.0	0.0	0.0
12				0.0	0.0	0.0	0.0	0.0	0.0	12.0	2.0	0.0
13				0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
14				0.0	0.0	0.0	34.0	0.0	0.0	10.0	0.0	0.0
15				0.0	22.0	0.0	0.0	0.0	0.0	16.0	18.0	0.0
16				0.0	0.0	0.0	0.0	24.0	0.0	0.0	10.0	0.0
17				0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
18				0.0	0.0	0.0	0.0	0.0	26.0	2.0	0.0	0.0
19				0.0	0.0	0.0	0.0	0.0	6.0	8.0	8.0	0.0
20				0.0	0.0	18.0	0.0	53.0	0.0	6.0	0.0	0.0
21				0.0	0.0	2.0	38.0	0.0	8.0	0.0	0.0	0.0
22				22.0	26.0	0.0	0.0	0.0	24.0	4.0	0.0	0.0
23				0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24				0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0
25				0.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26				16.0	0.0	0.0	0.0	0.0	40.0	2.0	0.0	0.0
27				39.0	0.0	0.0	32.0	0.0	16.0	0.0	10.0	0.0
28				0.0	22.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0
29				10.0	0.0	0.0	26.0	0.0	48.0	40.0	0.0	0.0
30				0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0
31				0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total				107.0	205.0	126.0	201.0	153.0	212.0	239.0	270.0	16.0
D. LL.				5	9	6	6	6	9	17	13	2

TOTALES ANUALES Días lluvia

ESTACION: LA ARGENTINA MUNICIPIO: LA TEBAIDA AÑO: 1.977

ALTITUD 1.200 LATITUD: 4-28 N. LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	20.0	0.0	5.0	2.0	40.0	0.0	0.0	0.0	59.0		
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
3	0.0	0.0	0.0	33.0	17.0	0.0	0.0	0.0	10.0	0.0		
4	0.0	0.0	0.0	2.0	54.0	0.0	0.0	0.0	0.0	23.0		
5	0.0	0.0	0.0	0.0	0.0	22.0	22.0	7.0	0.0	0.0		
6	0.0	0.0	20.0	0.0	0.0	12.0	5.0	9.0	0.0	51.0		
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0		
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	13.0		
9	0.0	0.0	0.0	0.0	0.0	9.0	4.0	4.0	0.0	3.0		
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0		
11	0.0	0.0	0.0	0.0	0.0	4.0	4.0	0.0	0.0	4.0		
12	0.0	9.0	0.0	0.0	0.0	0.0	0.0	34.0	7.0	0.0		
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	21.0	17.0		
14	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0		
15	0.0	2.0	1.0	0.0	22.0	0.0	0.0	6.0	0.0	0.0		
16	0.0	2.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0		
17	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	8.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0		
19	0.0	19.0	0.0	0.0	0.0	0.0	4.0	0.0	6.0	0.0		
20	0.0	10.0	10.0	0.0	0.0	14.0	0.0	12.0	8.0	0.0		
21	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	6.0	1.0		
22	0.0	0.0	5.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0		
23	0.0	0.0	20.0	35.0	12.0	0.0	2.0	0.0	0.0	8.0		
24	0.0	10.0	0.0	10.0	0.0	6.0	0.0	0.0	1.0	4.0		
25	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	31.0	12.0		
26	0.0	0.0	5.0	29.0	17.0	0.0	38.0	0.0	15.0	0.0		
27	0.0	0.0	0.0	12.0	0.0	0.0	9.0	0.0	8.0	0.0		
28	0.0	0.0	14.0	18.0	0.0	0.0	0.0	4.0	1.0	20.0		
29	0.0	0.0	17.0	5.0	0.0	0.0	0.0	0.0	3.0	0.0		
30	0.0	0.0	29.0	19.0	1.0	29.0	7.0	0.0	0.0	0.0		
31	1.0	0.0	14.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0		
Total	1.0	72.0	137.0	182.0	162.0	136.0	127.0	90.0	138.0	230.0		
D. LL.	1	7	11	12	10	8	10	9	13	15		

TOTALES ANUALES Días lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: PARAISO — MUNICIPIO: GUATICA — AÑO: 1.977

ALTITUD: 1.600 — LATITUD: 5-18 N. — LONGITUD: 75-48 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	2.0	32.0	0.0	0.0	21.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	22.0	0.0	0.0	24.0
4	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	34.0	0.0	20.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	12.0	0.0	8.0
6	0.0	0.0	0.0	20.0	0.0	48.0	0.0	0.0	0.0	10.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	10.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	10.0	1.0
10	0.0	0.0	0.0	0.0	14.0	12.0	0.0	4.0	0.0	19.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	18.0	0.0
12	0.0	0.0	13.0	30.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	39.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0
15	0.0	0.0	28.0	0.0	16.0	0.0	15.0	0.0	0.0	5.0	4.0	0.0
16	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0
17	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	8.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	10.0	5.0	8.0	0.0	0.0	0.0	16.0	0.0	0.0	9.0	6.0	0.0
20	15.0	5.0	0.0	0.0	0.0	0.0	0.0	28.0	16.0	0.0	0.0	0.0
21	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	16.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	19.0	8.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	1.0
27	0.0	0.0	0.0	38.0	0.0	5.0	0.0	0.0	0.0	30.0	0.0	0.0
28	0.0	0.0	38.0	0.0	2.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	10.0	0.0	37.0	0.0	0.0	50.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	3.0	4.0	0.0	0.0	12.0	41.0	0.0	0.0
31	0.0	0.0	0.0	0.0	31.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0
Total	42.0	18.0	97.0	144.0	168.0	168.0	159.0	76.0	167.0	171.0	66.0	48.0
D. Ll.	3	3	6	6	10	9	8	5	7	10	6	5

TOTALES ANUALES — 1324.0 mm. — 78 Días lluvia

ESTACION: TAPARCAL — MUNICIPIO: BELEN DE UMBRIA — AÑO: 1.977

ALTITUD: 1.400 — LATITUD: 5-11 N. — LONGITUD: 75-52 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	16.0	7.0	19.0	0.0	0.0	0.0	43.0	6.0	0.0
2	0.0	0.0	0.0	1.0	0.0	6.0	0.0	0.0	0.0	0.0	6.0	16.0
3	0.0	0.0	0.0	0.0	4.0	0.0	0.0	12.0	10.0	24.0	14.0	0.0
4	0.0	0.0	0.0	0.0	11.0	14.0	26.0	6.0	0.0	15.0	20.0	6.0
5	0.0	0.0	0.0	5.0	4.0	0.0	4.0	0.0	0.0	22.0	4.0	0.0
6	0.0	0.0	0.0	0.0	17.0	21.0	20.0	12.0	0.0	16.0	5.0	0.0
7	0.0	0.0	0.0	0.0	0.0	59.0	13.0	52.0	0.0	13.0	14.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0
9	0.0	0.0	0.0	6.0	12.0	23.0	0.0	10.0	2.0	10.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	6.0	0.0	0.0
11	0.0	1.0	0.0	9.0	2.0	34.0	0.0	0.0	2.0	52.0	2.0	0.0
12	0.0	0.0	19.0	0.0	0.0	2.0	0.0	7.0	0.0	24.0	4.0	0.0
13	0.0	0.0	0.0	10.0	0.0	0.0	0.0	6.0	0.0	0.0	19.0	0.0
14	0.0	30.0	2.0	0.0	0.0	0.0	9.0	25.0	3.0	0.0	0.0	0.0
15	6.0	0.0	0.0	0.0	31.0	0.0	4.0	3.0	0.0	0.0	0.0	0.0
16	6.0	11.0	0.0	0.0	0.0	0.0	0.0	2.0	45.0	0.0	2.0	0.0
17	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	4.0	0.0
19	0.0	0.0	0.0	0.0	4.0	9.0	3.0	0.0	0.0	3.0	18.0	0.0
20	0.0	16.0	2.0	5.0	0.0	5.0	0.0	47.0	0.0	0.0	4.0	0.0
21	0.0	11.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	11.0	0.0	0.0
22	0.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	1.0	0.0	40.0	0.0	24.0	0.0	0.0	3.0	0.0	0.0
24	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
25	0.0	0.0	0.0	2.0	0.0	4.0	4.0	0.0	33.0	14.0	4.0	0.0
26	9.0	15.0	0.0	3.0	4.0	0.0	13.0	17.0	0.0	5.0	0.0	0.0
27	0.0	0.0	4.0	0.0	6.0	0.0	0.0	0.0	86.0	0.0	0.0	0.0
28	0.0	0.0	6.0	4.0	4.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0
29	0.0	0.0	0.0	16.0	6.0	7.0	0.0	0.0	1.0	0.0	0.0	0.0
30	32.0	0.0	18.0	13.0	28.0	46.0	0.0	0.0	0.0	16.0	0.0	0.0
31	0.0	0.0	10.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0
Total	53.0	84.0	62.0	91.0	208.0	249.0	137.0	209.0	187.0	323.0	142.0	28.0
D. Ll.	4	6	8	13	17	13	11	14	9	19	17	3

TOTALES ANUALES — 1773.0 mm. — 134 Días lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: LOS CAMBULOS — MUNICIPIO: PEREIRA — AÑO: 1.977

ALTITUD: 1.240 — LATITUD: 4-50 N. — LONGITUD: 75-52 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	30.0	3.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	18.0	2.0	0.0	2.0	0.0	0.0	39.0	8.0	0.0
4	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	11.0	7.0	0.0
5	0.0	0.0	0.0	0.0	5.0	0.0	5.0	0.0	0.0	0.0	5.0	0.0
6	0.0	0.0	0.0	0.0	0.0	50.0	5.0	26.0	2.0	0.0	0.0	9.0
7	0.0	0.0	0.0	0.0	0.0	55.0	0.0	20.0	0.0	45.0	3.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	20.0	0.0	0.0
10	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
11	0.0	32.0	0.0	0.0	25.0	1.0	0.0	0.0	0.0	4.0	6.0	0.0
12	0.0	0.0	3.0	0.0	0.0	2.0	0.0	5.0	0.0	0.0	0.0	19.0
13	0.0	0.0	0.0	0.0	0.0	7.0	0.0	13.0	1.0	19.0	5.0	0.0
14	0.0	0.0	0.0	0.0	19.0	1.0	0.0	16.0	0.0	5.0	0.0	0.0
15	0.0	0.0	0.0	0.0	11.0	0.0	4.0	14.0	0.0	0.0	0.0	0.0
16	0.0	0.0	17.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	3.0	0.0
17	0.0	0.0	72.0	0.0	9.0	0.0	0.0	0.0	30.0	0.0	2.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
19	0.0	7.0	0.0	0.0	5.0	0.0	0.0	49.0	0.0	0.0	0.0	3.0
20	0.0	22.0	0.0	4.0	2.0	1.0	0.0	7.0	0.0	0.0	0.0	3.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0
22	3.0	0.0	42.0	3.0	8.0	0.0	0.0	0.0	11.0	0.0	3.0	2.0
23	10.0	0.0	15.0	14.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	12.0	0.0	12.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
25	35.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	20.0	4.0	15.0	0.0
26	0.0	0.0	0.0	12.0	0.0	0.0	26.0	2.0	0.0	3.0	8.0	0.0
27	0.0	0.0	0.0	23.0	2.0	0.0	0.0	0.0	32.0	0.0	10.0	14.0
28	20.0	0.0	38.0	2.0	1.0	0.0	0.0	0.0	5.0	13.0	1.0	48.0
29	0.0	0.0	0.0	7.0	0.0	2.0	0.0	0.0	0.0	13.0	0.0	0.0
30	2.0	0.0	0.0	0.0	0.0	36.0	9.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	9.0	10.0	0.0	0.0	0.0	0.0
Total	70.0	73.0	193.0	125.0	128.0	167.0	60.0	164.0	125.0	234.0	99.0	98.0
D. Ll.	5	4	7	10	13	11	7	11	9	14	15	7

TOTALES ANUALES — 1536.0 mm. — 113 Días lluvia

ESTACION: BELMONTE — MUNICIPIO: PEREIRA — AÑO: 1.977

ALTITUD: 1.400 — LATITUD: 4-45 N. — LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	3.0	8.0	3.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
3	0.0	0.0	7.0	43.0	7.0	0.0	0.0	0.0	0.0	29.0	9.0	0.0
4	0.0	0.0	0.0	0.0	48.0	3.0	0.0	0.0	0.0	32.0	16.0	0.0
5	0.0	0.0	0.0	0.0	8.0	4.0	5.0	2.0	41.0	3.0	3.0	0.0
6	0.0	0.0	0.0	0.0	0.0	62.0	12.0	15.0	0.0	2.0	15.0	8.0
7	0.0	0.0	0.0	2.0	0.0	20.0	4.0	17.0	0.0	2.0	6.0	0.0
8	0.0	0.0	0.0	3.0	0.0	0.0	2.0	2.0	0.0	23.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	8.0	0.0
10	0.0	0.0	0.0	0.0	3.0	19.0	0.0	0.0	0.0	9.0	0.0	0.0
11	0.0	14.0	0.0	2.0	16.0	5.0	0.0	0.0	0.0	6.0	7.0	0.0
12	0.0	0.0	2.0	0.0	0.0	7.0	0.0	2.0	9.0	1.0	0.0	8.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	5.0	4.0	5.0	0.0
14	0.0	0.0	0.0	0.0	9.0	0.0	0.0	18.0	0.0	2.0	0.0	0.0
15	0.0	0.0	0.0	0.0	2.0	0.0	4.0	16.0	4.0	0.0	0.0	0.0
16	0.0	0.0	4.0	0.0	0.0	0.0	0.0	3.0	7.0	0.0	7.0	0.0
17	0.0	0.0	38.0	2.0	2.0	0.0	0.0	0.0	4.0	1.0	12.0	0.0
18	7.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	12.0	0.0
19	8.0	0.0	0.0	0.0	2.0	0.0	5.0	52.0	0.0	9.0	4.0	0.0
20	0.0	2.0	0.0	0.0	0.0	5.0	0.0	17.0	3.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.0	0.0	0.0	0.0
22	0.0	0.0	15.0	16.0	2.0	0.0	0.0	0.0	30.0	0.0	4.0	3.0
23	0.0	0.0	30.0	16.0	15.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
24	0.0	5.0	0.0	0.0	2.0	0.0	2.0	0.0	2.0	1.0	0.0	0.0
25	28.0	6.0	0.0	0.0	12.0	0.0	5.0	0.0	33.0	14.0	0.0	0.0
26	0.0	0.0	0.0	29.0	0.0	0.0	16.0	2.0	3.0	9.0	3.0	0.0
27	1.0	0.0	0.0	14.0	7.0	0.0	0.0	1.0	19.0	20.0	0.0	10.0
28	32.0	0.0	15.0	2.0	2.0	0.0	0.0	0.0	3.0	0.0	0.0	21.0
29	2.0	0.0	82.0	5.0	0.0	8.0	0.0	0.0	21.0	0.0	0.0	0.0
30	0.0	0.0	34.0	5.0	0.0	28.0	9.0	3.0	0.0	2.0	0.0	0.0
31	0.0	0.0	9.0	0.0	0.0	0.0	7.0	0.0	0.0	4.0	0.0	0.0
Total	78.0	27.0	238.0	139.0	137.0	192.0	71.0	184.0	239.0	189.0	114.0	53.0
D. Ll.	6	4	11	12	15	11	11	14	17	22	15	6

TOTALES ANUALES — 1661.0 mm. — 144 Días lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: VILLANUEVA **MUNICIPIO:** CHARALA **AÑO:** 1.977

ALTITUD: 1.450 **LATITUD:** 6-16 N. **LONGITUD:** 73-08 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0			0.0	0.0	18.0	0.0	0.0	0.0	8.0	44.0	0.0
2	0.0			0.0	12.0	4.0	0.0	8.0	0.0	2.0	12.0	0.0
3	0.0			8.0	2.0	8.0	0.0	6.0	0.0	66.0	0.0	6.0
4	0.0			0.0	0.0	0.0	0.0	0.0	8.0	6.0	4.0	0.0
5	0.0			2.0	0.0	12.0	0.0	12.0	0.0	0.0	18.0	0.0
6	0.0			12.0	34.0	0.0	0.0	0.0	2.0	0.0	2.0	2.0
7	0.0			0.0	6.0	0.0	12.0	6.0	0.0	12.0	0.0	0.0
8	0.0			4.0	0.0	2.0	0.0	2.0	44.0	4.0	10.0	0.0
9	0.0			26.0	2.0	10.0	4.0	0.0	2.0	8.0	12.0	0.0
10	0.0			2.0	0.0	8.0	10.0	0.0	0.0	2.0	11.0	0.0
11	0.0			0.0	0.0	0.0	0.0	8.0	88.0	6.0	34.0	0.0
12	0.0			18.0	18.0	0.0	0.0	2.0	32.0	12.0	18.0	0.0
13	0.0			0.0	4.0	0.0	8.0	0.0	66.0	34.0	0.0	0.0
14	0.0			0.0	8.0	2.0	0.0	0.0	0.0	6.0	8.0	0.0
15	0.0			12.0	0.0	0.0	0.0	12.0	0.0	0.0	12.0	0.0
16	0.0			0.0	0.0	0.0	0.0	0.0	18.0	22.0	58.0	0.0
17	0.0			8.0	0.0	0.0	0.0	0.0	46.0	8.0	6.0	0.0
18	0.0			0.0	62.0	0.0	0.0	0.0	4.0	2.0	0.0	0.0
19	12.0			6.0	24.0	0.0	0.0	22.0	12.0	18.0	2.0	0.0
20	0.0			2.0	12.0	4.0	0.0	4.0	8.0	0.0	0.0	0.0
21	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0			34.0	14.0	0.0	0.0	0.0	0.0	24.0	12.0	0.0
23	0.0			0.0	4.0	0.0	44.0	8.0	6.0	2.0	8.0	0.0
24	0.0			8.0	0.0	38.0	22.0	2.0	16.0	8.0	0.0	0.0
25	0.0			2.0	72.0	0.0	0.0	0.0	2.0	12.0	24.0	44.0
26	6.0			12.0	8.0	0.0	0.0	0.0	18.0	4.0	0.0	0.0
27	0.0			4.0	0.0	8.0	0.0	4.0	14.0	2.0	14.0	16.0
28	0.0			0.0	0.0	2.0	8.0	0.0	4.0	0.0	0.0	0.0
29	0.0			18.0	0.0	0.0	16.0	0.0	22.0	8.0	0.0	8.0
30	0.0			16.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
31	0.0			0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	18.0			194.0	284.0	116.0	124.0	96.0	412.0	288.0	309.0	76.0
D. Ll.	2			18	16	12	8	13	19	24	19	5

TOTALES ANUALES 1917.0 mm. 136 Días lluvia

ESTACION: EL CHIRCAL **MUNICIPIO:** ALFUJARRA **AÑO:** 1.977

ALTITUD: **LATITUD:** 3-24 N. **LONGITUD:** 74-56 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	10.0	2.0	0.0
2	0.0	10.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	20.0	0.0
3	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	2.0	10.0	0.0
4	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	3.0	15.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	20.0	4.0	0.0
6	0.0	0.0	0.0	20.0	0.0	0.0	2.0	0.0	0.0	4.0	7.0	0.0
7	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	7.0	6.0	0.0
8	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	20.0	18.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
12	0.0	0.0	0.0	15.0	7.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	4.0
14	0.0	0.0	4.0	20.0	0.0	0.0	0.0	0.0	0.0	2.0	12.0	0.0
15	0.0	20.0	0.0	0.0	0.0	20.0	4.0	6.0	0.0	0.0	7.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
17	0.0	10.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
19	0.0	0.0	10.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	20.0	5.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	3.0	0.0	0.0
22	0.0	0.0	0.0	0.0	2.0	0.0	2.0	30.0	15.0	0.0	0.0	0.0
23	0.0	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	20.0	0.0	0.0	3.0	0.0	0.0	10.0	0.0	30.0	0.0
25	20.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	2.0	2.0	0.0	7.0
26	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
27	10.0	0.0	15.0	0.0	0.0	0.0	0.0	20.0	20.0	10.0	0.0	0.0
28	0.0	30.0	0.0	5.0	0.0	0.0	9.0	10.0	0.0	0.0	0.0	10.0
29	15.0	0.0	2.0	0.0	5.0	0.0	0.0	0.0	6.0	0.0	2.0	0.0
30	10.0	0.0	40.0	5.0	0.0	20.0	0.0	0.0	10.0	15.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
Total	55.0	90.0	91.0	107.0	79.0	73.0	29.0	96.0	83.0	151.0	169.0	41.0
D. Ll.	4	5	6	9	8	4	6	6	7	17	16	5

TOTALES ANUALES 1064.0 mm. 93 Días lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: LA CIMARRONA MUNICIPIO: FRESNO AÑO: 1.977

ALTITUD: 1.400 LATITUD: 5-10 N. LONGITUD: 75-00 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	46.0	0.0	0.0	0.0	15.0	69.0	0.0	21.5	0.0	0.0	0.0	0.0
2	0.0	3.0	0.0	4.5	0.0	13.5	18.5	0.0	0.0	0.0	0.0	0.0
3	0.0	21.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	12.0	45.0
4	0.0	0.0	0.0	0.0	57.0	5.2	0.0	0.0	0.0	41.0	0.0	20.0
5	0.0	2.0	0.0	0.0	0.0	25.2	26.5	0.0	0.0	0.0	0.0	12.0
6	0.0	0.0	0.0	0.0	0.0	0.0	52.0	0.0	0.0	19.5	9.0	0.0
7	0.0	0.0	0.0	0.0	0.0	11.5	3.0	4.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5	0.0	51.0	0.0	0.0
9	0.0	17.0	0.0	0.0	20.0	0.0	0.5	0.0	0.0	17.0	3.0	6.5
10	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0
11	0.0	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.5	0.0	0.0
12	0.0	45.5	0.0	0.0	15.0	14.5	0.0	0.0	0.0	13.5	0.0	41.5
13	0.0	15.0	16.0	0.0	20.0	13.5	0.0	3.0	2.0	0.0	18.0	0.0
14	0.0	8.0	1.0	0.0	45.0	0.0	6.5	72.0	0.0	0.0	76.0	0.0
15	13.0	24.5	17.0	0.0	0.0	0.0	7.5	21.0	0.0	0.0	0.0	6.0
16	1.5	8.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	14.5	0.0	0.0
17	5.0	15.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0	20.0	12.0	0.0
18	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.5	15.0	0.0	8.5
19	0.0	11.0	16.5	0.0	15.0	0.0	6.5	15.0	11.5	16.5	0.0	0.0
20	0.0	11.5	0.0	0.5	0.0	2.5	0.0	0.0	25.5	0.0	0.0	0.0
21	8.0	0.0	31.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0
23	0.0	20.5	0.0	0.0	0.0	0.0	15.5	0.0	0.0	0.0	13.0	0.0
24	0.0	11.0	0.0	3.0	25.0	0.0	0.0	0.0	3.0	20.0	0.0	0.0
25	11.0	0.0	41.0	3.0	0.0	0.0	0.0	0.0	15.0	0.0	53.0	49.5
26	0.0	57.0	0.0	4.0	30.0	0.0	23.5	0.0	0.0	10.0	0.0	0.0
27	0.0	2.0	77.0	0.0	0.0	0.0	0.0	0.0	140.0	0.0	38.0	18.5
28	9.5	0.0	0.0	0.0	33.5	0.0	0.0	0.0	3.0	0.0	0.0	10.0
29	0.0	0.0	8.5	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	23.5	5.0	0.0	50.0	24.0	9.5	12.0	0.0	0.0	0.0
31	0.0	0.0	33.5	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0
Total	95.0	290.0	272.5	35.0	334.5	204.5	209.0	163.5	272.5	284.5	267.0	217.5
D. Ll.	8	18	12	7	12	9	12	8	10	12	10	10

TOTALES ANUALES 2645.5 mm. 128 Días lluvia

ESTACION: PALOCABILDO MUNICIPIO: FALAN AÑO: 1.977

ALTITUD: 1.500 LATITUD: 5-08 N. LONGITUD: 74-57 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	40.0	0.0	0.0	16.0	7.0	0.0	0.0	6.0	0.0	10.0	0.0	0.0
2	4.0	4.0	0.0	0.0	0.0	65.0	33.0	0.0	0.0	0.0	0.0	63.0
3	0.0	2.0	0.0	8.0	32.0	16.0	1.0	0.0	3.0	0.0	0.0	1.0
4	0.0	0.0	0.0	0.0	53.0	0.0	0.0	0.0	2.0	23.0	4.0	4.0
5	0.0	0.0	0.0	3.0	0.0	8.0	0.0	0.0	0.0	6.0	36.0	9.0
6	0.0	0.0	0.0	0.0	0.0	29.0	34.0	8.0	0.0	67.0	0.0	0.0
7	0.0	1.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	46.0	6.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	28.0	0.0	0.0
9	0.0	4.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	9.0	2.0	8.0
10	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	20.0	17.0	0.0
11	0.0	14.0	0.0	0.0	1.0	8.0	0.0	0.0	0.0	10.0	6.0	0.0
12	0.0	48.0	0.0	0.0	60.0	11.0	0.0	7.0	0.0	15.0	105.0	25.0
13	0.0	15.0	11.0	0.0	0.0	42.0	0.0	35.0	0.0	0.0	6.0	0.0
14	0.0	29.0	0.0	0.0	0.0	0.0	3.0	1.0	5.0	1.0	60.0	0.0
15	14.0	4.0	16.0	0.0	67.0	0.0	21.0	15.0	0.0	13.0	12.0	2.0
16	0.0	2.0	0.0	0.0	2.0	0.0	0.0	1.0	0.0	14.0	26.0	0.0
17	5.0	17.0	6.0	0.0	24.0	0.0	0.0	2.0	0.0	4.0	7.0	1.0
18	0.0	9.0	20.0	0.0	0.0	0.0	0.0	1.0	30.0	0.0	20.0	20.0
19	1.0	47.0	0.0	0.0	10.0	0.0	11.0	20.0	13.0	22.0	0.0	0.0
20	0.0	0.0	0.0	2.0	0.0	2.0	0.0	22.0	64.0	0.0	0.0	0.0
21	3.0	11.0	5.0	15.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
22	0.0	1.0	0.0	0.0	38.0	0.0	0.0	0.0	22.0	0.0	0.0	2.0
23	1.0	2.0	0.0	0.0	15.0	0.0	20.0	0.0	0.0	18.0	0.0	16.0
24	3.0	19.0	0.0	2.0	10.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
25	0.0	0.0	19.0	2.0	0.0	0.0	0.0	0.0	1.0	1.0	3.0	0.0
26	1.0	8.0	2.0	9.0	14.0	0.0	68.0	0.0	0.0	0.0	25.0	0.0
27	0.0	0.0	74.0	4.0	10.0	0.0	3.0	0.0	21.0	3.0	0.0	6.0
28	2.0	2.0	0.0	0.0	44.0	0.0	0.0	0.0	3.0	4.0	0.0	4.0
29	0.0	0.0	11.0	20.0	0.0	0.0	0.0	0.0	3.0	8.0	0.0	0.0
30	0.0	0.0	13.0	41.0	0.0	139.0	10.0	0.0	15.0	8.0	0.0	0.0
31	0.0	0.0	17.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0
Total	74.0	239.0	194.0	122.0	400.0	320.0	221.0	129.0	193.0	330.0	335.0	161.0
D. Ll.	10	19	11	11	17	9	12	12	14	21	15	13

TOTALES ANUALES 2718.0 mm. 164 Días lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: LA ALDEA **MUNICIPIO:** REVIRA **AÑO:** 1.977

ALTITUD: 1.550 **LATITUD:** 4-13 N. **LONGITUD:** 75-14 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	8.0	2.0	2.0	23.0	0.0	0.0	0.0	7.0	0.0	30.0	0.0	0.0
2	2.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	30.0	0.0
3	5.0	1.0	0.0	4.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	3.0
4	1.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	2.0	4.0	2.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
6	0.0	5.0	0.0	20.0	3.0	0.0	11.0	0.0	0.0	3.0	0.0	0.0
7	0.0	10.0	0.0	6.0	22.0	0.0	12.0	0.0	0.0	10.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	2.0	14.0	0.0	5.0	16.5	0.0	0.0
10	0.0	0.0	10.0	0.0	8.0	17.0	0.0	0.0	0.0	36.0	0.0	0.0
11	0.0	43.0	0.0	2.0	51.0	17.0	0.0	0.0	0.0	12.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	3.0	10.0	0.0
13	0.0	3.0	1.0	0.0	2.0	12.0	0.0	26.0	7.0	16.0	0.0	0.0
14	0.0	0.0	0.0	1.0	0.0	8.0	0.0	32.0	0.0	8.0	0.0	0.0
15	0.0	26.0	0.0	0.0	24.0	0.0	0.0	28.0	0.0	6.0	0.0	0.0
16	0.0	20.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	34.0	0.0	0.0
17	0.0	1.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
18	1.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	5.0	0.0
19	19.0	22.0	0.0	0.0	0.0	0.0	0.0	6.0	3.0	2.5	20.0	0.0
20	0.0	7.0	0.0	0.0	0.0	40.0	0.0	43.0	57.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	65.0	0.0	19.0	19.0	0.0	0.0	0.0
22	15.0	0.0	0.0	4.0	1.0	0.0	0.0	0.0	0.0	4.5	0.0	6.0
23	0.0	0.0	11.0	3.0	19.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
24	0.0	0.0	19.0	5.0	0.0	0.0	0.0	0.0	5.0	32.0	60.0	0.0
25	0.0	0.0	3.0	4.0	0.0	0.0	0.0	0.0	15.0	13.0	0.0	0.0
26	0.0	0.0	13.0	4.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	17.0	0.0	0.0	32.0	0.0	35.0	0.0	0.0	9.0
28	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	2.0	61.0	5.0	14.0
29	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	26.0	0.0	70.0	115.0
30	21.0	0.0	0.0	16.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0
31	0.0	0.0	26.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
Total	72.0	140.0	112.0	113.0	142.0	177.0	87.0	199.0	178.0	299.5	202.0	153.0
D. Ll.	8	11	11	14	10	8	7	9	13	21	8	6
TOTALES ANUALES							1874.5 mm.				126	Días lluvia

ESTACION: ORISOL **MUNICIPIO:** VALLE DE S. JUAN **AÑO:** 1.977

ALTITUD: 1.500 **LATITUD:** 4-10 N. **LONGITUD:** 75-07 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	8.0	0.0	30.0	0.0	0.1	0.0	18.0		0.0
2	0.0	0.0	0.0	6.0	4.0	0.0	0.0	20.0	0.0	0.0		2.0
3	0.0	0.0	0.0	7.0	6.0	0.0	0.0	0.0	0.0	10.0		6.0
4	0.0	0.0	0.0	10.0	10.0	15.0	0.0	0.0	2.0	16.0		0.0
5	0.0	0.0	0.0	15.0	2.0	4.0	0.0	0.0	0.0	20.0		0.0
6	0.0	16.0	0.0	30.0	0.0	0.0	30.0	0.0	0.0	20.0		10.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	30.0		9.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0		0.0
9	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	6.0		0.0
10	0.0	0.0	0.0	6.0	32.0	0.0	0.0	0.0	0.0	6.0		3.0
11	0.0	40.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	20.0		0.0
12	● 0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	30.0		4.0
13	0.0	0.0	0.0	4.0	0.0	0.0	0.0	28.0	10.0	0.0		1.0
14	0.0	0.0	0.0	7.0	3.0	0.0	0.0	20.0	0.0	20.0		0.0
15	0.0	10.0	14.0	0.0	0.0	0.0	0.0	36.0	0.0	20.0		0.0
16	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		8.0
17	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0		1.0
18	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0		0.0
19	0.0	2.0	0.0	0.0	0.0	20.0	0.0	18.0	2.0	0.0		0.0
20	0.0	2.0	0.0	0.0	0.0	0.0	0.0	19.0	30.0	0.0		0.0
21	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	0.0		0.0
22	0.0	0.0	0.0	30.0	45.0	0.0	0.0	0.0	0.0	4.0		0.0
23	4.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	4.0		7.0
24	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	10.0	5.0		5.0
25	8.0	0.0	26.0	6.0	0.0	0.0	0.0	0.0	2.0	32.0		0.0
26	18.0	0.0	6.0	51.0	0.0	0.0	20.0	0.0	6.0	0.0		2.0
27	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0		0.0
28	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0	24.0	8.0		0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	4.0		0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	4.0		0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6		1.0
Total	36.0	100.0	84.0	228.0	106.0	69.0	50.0	195.1	166.0	296.6		59.0
D. Ll.	4	7	6	15	8	4	2	9	13	22		13
TOTALES ANUALES							mm.					Días lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: EL ENCANTO **MUNICIPIO:** RICBLANCO **AÑO:** 1.977

ALTITUD: 1.530 **LATITUD:** 3-33 N. **LONGITUD:** 75-42 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	1.0	0.0	0.0				5.0	10.0		1.0
2	0.0	0.0	3.0	0.0	0.0				5.0	0.0		0.0
3	0.0	0.0	0.0	0.0	2.0				10.0	0.0		0.0
4	0.0	0.0	0.0	0.0	5.0				15.0	0.0		3.5
5	0.0	0.0	0.0	1.0	4.0				5.0	0.0		5.0
6	0.0	0.0	0.0	2.0	7.0				10.0	0.0		7.5
7	0.0	0.0	3.0	4.0	9.0				20.0	0.0		15.0
8	0.0	0.0	2.0	5.0	11.0				15.0	5.0		12.0
9	0.0	0.0	1.0	7.0	13.0				10.0	5.0		10.0
10	0.0	0.0	3.0	9.0	12.0				15.0	0.0		8.0
11	0.0	0.0	2.0	2.0	16.0				5.0	0.0		6.5
12	0.0	0.0	0.0	3.0	18.0				5.0	0.0		0.0
13	0.0	0.0	5.0	2.0	17.0				5.0	5.0		3.5
14	0.0	2.0	8.0	1.0	20.0				5.0	0.0		5.0
15	0.0	1.0	0.0	5.0	25.0				5.0	5.0		7.0
16	18.0	3.0	0.0	6.0	12.0				0.0	0.0		9.0
17	28.0	22.0	0.0	8.0	10.0				0.0	0.0		1.0
18	28.0	2.0	1.0	4.0	6.0				0.0	0.0		2.0
19	9.0	0.0	5.0	10.0	18.0				0.0	9.5		2.0
20	6.0	8.0	7.0	13.0	10.0				0.0	21.5		1.0
21	7.0	4.0	9.0	15.0	5.0				0.0	10.0		0.0
22	2.0	7.0	3.0	11.0	15.0				0.0	10.0		0.0
23	0.0	8.0	20.0	10.0	20.0				0.0	20.0		0.0
24	0.0	0.0	15.0	16.0	0.0				0.0	28.0		0.0
25	0.0	0.0	2.0	7.0	35.0				15.0	10.0		0.0
26	1.0	0.0	1.0	4.0	30.0				10.0	4.0		0.0
27	0.0	0.0	5.0	2.0	0.0				0.0	6.5		0.0
28	9.0	0.0	6.0	6.0	0.0				0.0	10.0		0.0
29	0.0	0.0	2.0	4.0	0.0				0.0	34.0		0.0
30	3.0	0.0	0.0	0.0	0.0				5.0	40.0		0.0
31	0.0	0.0	0.0	0.0	0.0				0.0	0.0		0.0
Total	111.0	57.0	104.0	157.0	320.0				165.0	233.5		59.0
D. Ll.	10	9	21	25	23				18	17		17

TOTALES ANUALES mm. Dias Lluvia

ESTACION: EL OCASO **MUNICIPIO:** OCLCRES **AÑO:** 1.977

ALTITUD: 1.000 **LATITUD:** 3-32 N. **LONGITUD:** 74-53 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	2.0		12.1	10.5		0.0	0.0	0.0	17.0	0.0	0.0
2	0.0	0.0		10.1	0.0		0.0	0.0	0.0	0.0	32.0	16.0
3	0.0	0.0		36.2	0.0		0.0	0.0	0.0	56.0	60.0	0.0
4	0.0	0.0		0.0	0.0		0.0	0.0	0.0	3.5	16.0	0.0
5	0.0	0.0		0.0	0.0		0.0	0.0	0.0	4.0	22.0	0.0
6	0.0	0.0		5.2	4.5		0.0	0.0	0.0	0.0	28.0	0.0
7	0.0	0.0		16.0	2.5		0.0	0.0	0.0	81.0	6.0	0.0
8	0.0	0.0		0.0	0.0		0.0	0.0	0.0	0.0	12.0	0.0
9	0.0	0.0		0.0	5.5		0.0	0.0	0.0	9.0	0.0	0.0
10	0.0	0.0		0.0	4.5		0.0	0.0	0.0	9.0	14.0	0.0
11	0.0	0.0		2.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0		0.0	6.5		0.0	24.0	0.0	29.5	22.●	0.0
13	0.0	0.0		0.0	0.0		0.0	9.5	0.0	0.0	30.0	0.0
14	0.0	0.0		0.0	0.0		0.0	4.5	0.0	0.0	4.0	18.0
15	0.0	4.0		0.0	0.0		0.0	0.0	0.0	0.0	0.0	4.0
16	0.0	12.0		0.0	29.0		0.0	7.5	0.0	0.0	0.0	0.0
17	0.0	3.0		0.0	0.0		0.0	0.0	0.0	0.0	14.0	20.0
18	34.0	0.0		20.3	0.0		0.0	0.0	0.0	0.0	8.0	24.0
19	68.0	9.0		0.0	0.0		0.0	0.0	7.5	0.0	0.0	0.0
20	0.0	0.0		0.0	0.0		0.0	2.0	4.0	0.0	12.0	0.0
21	0.0	13.0		0.0	0.0		0.0	0.0	0.0	0.0	15.0	0.0
22	0.0	0.0		1.1	5.0		0.0	0.0	0.0	0.0	18.0	0.0
23	0.0	0.0		2.1	6.0		7.0	0.0	0.0	68.0	2.0	0.0
24	0.0	0.0		0.0	0.0		0.0	0.0	12.0	10.0	12.0	0.0
25	0.0	0.0		59.1	0.0		0.0	0.0	0.0	0.0	0.0	0.0
26	10.0	0.0		2.1	0.0		19.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0		2.0	0.0		8.0	0.0	0.0	32.0	0.0	76.0
28	8.0	0.0		20.2	0.0		2.0	0.0	12.0	10.0	0.0	0.0
29	0.0	0.0		21.2	0.0		0.0	0.0	0.0	22.0	0.0	0.0
30	0.0	0.0		0.0	0.0		0.0	0.0	18.0	0.0	30.0	0.0
31	28.0	0.0		0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
Total	148.0	49.0		209.7	74.0		36.0	47.5	59.5	351.0	357.0	158.0
D. Ll.	5	7		14	9		4	5	6	13	19	6

TOTALES ANUALES mm. Dias Lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: REFLEJO MUNICIPIO: CUNDAY AÑO: 1.977

ALTITUD: 1.180 LATITUD: 4-04 N. LONGITUD: 74-43 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	5.0	0.0	2.0	30.0							
2	0.0	0.0	0.0	7.0	0.0							
3	0.0	0.0	0.0	8.0	3.0							
4	1.0	0.0	0.0	39.0	0.0							
5	0.0	0.0	0.0	10.0	12.0							
6	0.0	0.0	0.0	30.0	0.0							
7	0.0	0.0	0.0	0.0	0.0							
8	0.0	0.0	0.0	0.0	0.0							
9	0.0	0.0	0.0	4.0	24.0							
10	0.0	0.0	0.0	0.0	12.0							
11	0.0	0.0	0.0	0.0	0.0							
12	0.0	0.0	0.0	0.0	18.0							
13	0.0	0.0	0.0	0.0	0.0							
14	0.0	0.0	0.0	0.0	0.0							
15	0.0	36.0	16.0	0.0	0.0							
16	0.0	0.0	30.0	0.0	4.0							
17	1.0	30.0	11.0	0.0	0.0							
18	7.0	0.0	3.0	0.0	0.0							
19	4.0	0.0	0.0	0.0	0.0							
20	0.0	8.0	0.0	0.0	0.0							
21	0.0	0.0	0.0	0.0	0.0							
22	0.0	0.0	18.0	0.0	20.0							
23	2.0	4.0	46.0	24.0	10.0							
24	1.0	0.0	0.0	24.0	0.0							
25	0.0	0.0	25.0	10.0	0.0							
26	0.0	22.0	0.0	10.0	9.0							
27	3.0	0.0	30.0	7.0	0.0							
28	1.0	0.0	0.0	40.0	0.0							
29	5.0	0.0	0.0	0.0	2.0							
30	5.0	0.0	4.0	15.0	0.0							
31	2.0	0.0	0.0	0.0	0.0							
Total	32.0	105.0	183.0	230.0	144.0							
D. Ll.	11	6	9	14	11							

TOTALES ANUALES 694.0 mm. 51 Días lluvia

ESTACION: BELLAVISTA MUNICIPIO: ANSERMANUEVO AÑO: 1.977

ALTITUD: 1.550 LATITUD: 4-48 N. LONGITUD: 76-04 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	2.5	1.0	0.0	10.0	4.0	0.0	1.0	0.0	0.0
2	0.0	1.0	0.0	4.0	6.0	3.5	0.0	1.0	0.0	28.0	0.0	0.0
3	0.0	0.0	0.0	1.0	9.0	1.0	0.0	0.0	0.0	0.0	3.0	4.5
4	0.0	0.0	0.0	21.0	5.0	0.0	0.0	0.0	0.0	6.0	9.0	0.0
5	0.0	0.0	0.0	5.0	11.0	0.0	9.5	0.0	0.5	10.0	10.0	0.0
6	0.0	0.0	0.0	35.0	11.5	0.0	14.0	5.0	0.0	0.0	4.0	0.0
7	0.0	0.0	0.0	1.0	0.0	7.0	0.0	12.0	0.0	2.0	11.5	19.0
8	0.0	0.0	0.0	0.0	0.0	14.0	0.0	12.0	0.0	5.0	16.0	1.0
9	0.0	0.0	0.0	7.0	0.0	0.0	9.0	3.0	0.0	2.0	2.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	1.5	33.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	1.5
12	0.0	0.0	0.0	5.5	0.0	12.0	0.0	0.0	0.0	11.0	1.0	1.0
13	0.0	1.0	0.0	1.0	0.0	6.0	0.0	49.0	5.0	1.0	5.0	0.0
14	0.0	0.0	0.0	0.0	0.0	16.0	0.0	5.0	4.5	10.0	1.0	1.0
15	0.0	4.0	0.0	1.0	12.0	0.0	1.0	0.0	5.5	14.0	3.0	0.0
16	0.0	2.5	1.5	0.0	4.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0
17	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	1.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	15.0	0.0	2.0	1.0	0.5	0.0	11.0	1.0
20	1.5	2.5	4.0	0.0	18.0	0.0	1.0	9.0	0.0	29.0	0.0	0.0
21	1.0	0.0	0.0	2.0	0.0	1.0	0.0	6.0	1.0	21.5	0.0	0.0
22	0.0	1.0	0.0	50.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0
23	0.0	0.0	0.0	42.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0
24	0.0	0.0	0.0	4.0	26.0	0.0	0.0	0.0	5.0	6.0	4.0	0.0
25	0.0	1.0	0.0	0.0	0.0	0.0	0.0	10.0	12.0	5.5	0.0	0.0
26	9.5	0.0	0.0	1.0	27.0	0.0	0.0	0.0	16.0	6.0	8.5	0.0
27	0.0	0.0	0.0	16.0	6.0	0.0	13.0	0.0	2.0	1.0	6.0	0.0
28	0.0	0.0	0.0	1.0	28.0	0.0	3.0	0.0	22.0	0.0	0.0	8.0
29	1.5	0.0	8.0	1.5	8.0	0.0	0.0	0.0	5.0	48.0	0.0	8.0
30	0.0	0.0	9.5	20.0	0.0	11.0	0.0	0.0	19.0	0.0	0.0	7.5
31	1.0	0.0	26.0	0.0	1.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0
Total	14.5	14.0	49.0	222.5	188.5	99.5	62.5	130.0	114.0	231.5	99.5	85.5
D. Ll.	5	8	5	21	16	10	9	14	15	22	17	11

TOTALES ANUALES 1311.0 mm. 153 Días lluvia

L L U V I A E N M I L I M E T R O S

ESTACION: EL HORIZONTE MUNICIPIO: ROLDANILLO AÑO: 1.977

ALTITUD: 1.600 LATITUD: 4-24 N. LONGITUD: 76-10 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1			0.0	0.0	0.0	9.3	0.0	0.0	0.0	8.3	4.2	0.0
2			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3			0.0	3.0	13.5	0.0	4.7	0.0	0.0	0.0	0.0	0.0
4			0.0	0.0	9.2	0.0	0.0	0.0	0.0	36.0	60.9	0.0
5			0.0	2.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0
6			0.0	0.0	0.0	11.0	2.8	0.0	0.0	6.3	7.6	0.0
7			0.0	0.0	0.0	8.3	2.3	0.0	0.0	8.0	4.5	0.0
8			0.0	27.8	0.0	0.0	0.0	26.0	0.0	10.0	0.0	0.0
9			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10			4.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	10.5	12.3
11			0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
12			2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.3	0.0
13			0.0	0.0	0.0	29.3	0.0	6.7	0.0	9.0	13.2	0.0
14			0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15			0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17		12.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	6.5	0.0	0.0
18		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19		3.7	15.0	0.0	0.0	0.0	0.0	3.6	26.0	8.0	0.0	0.0
20		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0
21		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22		0.0	0.0	23.4	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.0
23		0.0	9.5	12.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	0.0	0.0
25		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0
26		0.0	0.0	0.0	2.3	0.0	0.0	12.0	0.0	0.0	0.0	0.0
27		0.0	11.5	0.0	0.0	26.5	0.0	0.0	12.5	0.0	0.0	9.5
28		0.0	12.4	12.0	0.0	0.0	0.0	0.0	24.0	76.6	0.0	3.6
29		0.0	0.0	20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30		0.0	10.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0
31		0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0
Total			52.9	112.5	58.2	66.5	42.7	46.3	73.0	210.2	119.2	25.4
D. LL.			6	8	7	6	6	4	4	14	7	3

TOTALES ANUALES mm. Dias lluvia

ESTACION: CAMPANELLA MUNICIPIO: PALMIRA AÑO: 1.977

ALTITUD: 1.550 LATITUD: 3-33 N LONGITUD: 75-17 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	5.0	0.0	15.5	0.0	0.0	0.0	10.0	3.0	2.0
2	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	4.0
3	0.0	0.0	0.0	12.0	5.0	0.0	0.0	0.0	0.0	5.0	22.0	5.0
4	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	6.0	6.5	0.0
5	0.0	0.0	0.0	8.0	22.0	0.0	9.0	0.0	0.0	0.0	2.5	6.0
6	0.0	0.0	0.0	0.0	0.0	6.0	0.0	21.0	0.0	3.0	71.0	0.0
7	0.0	0.0	0.0	0.0	0.0	33.0	0.0	9.0	0.0	10.5	14.0	2.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	32.5	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	38.0	6.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0
11	0.0	2.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	4.0	3.5	20.0
12	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	2.5	6.0	8.0
13	0.0	0.0	1.0	0.0	0.0	3.0	0.0	6.0	11.0	2.5	2.0	8.0
14	0.0	0.0	0.0	0.0	25.0	0.0	0.0	5.0	3.5	4.5	0.0	0.0
15	0.0	1.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
16	0.0	2.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	56.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
19	0.5	0.0	0.0	1.0	4.5	0.0	0.0	0.0	2.0	29.0	9.5	2.0
20	0.0	0.0	2.0	6.0	0.0	1.0	0.0	21.0	6.0	0.5	0.5	0.0
21	0.0	0.0	0.0	0.0	0.0	3.0	0.0	2.0	4.0	0.0	0.0	0.0
22	30.0	0.0	4.0	19.5	0.0	0.0	0.0	0.0	3.0	0.0	4.0	0.0
23	9.0	2.0	48.0	17.5	2.5	0.0	0.0	0.0	0.0	8.5	0.0	0.0
24	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.5	0.0	0.0
25	0.0	0.0	10.0	0.0	11.5	0.0	0.0	0.0	36.5	0.5	0.0	1.5
26	0.0	0.0	0.0	42.5	0.0	0.0	20.0	0.0	20.0	28.0	2.5	0.0
27	0.0	0.0	18.0	33.0	0.0	0.0	8.5	0.0	5.5	0.0	0.0	13.0
28	0.0	0.0	36.0	11.0	0.0	0.0	0.0	0.0	0.5	38.0	0.0	40.0
29	0.0	0.0	1.0	3.0	0.0	4.0	0.0	0.0	37.0	3.0	0.0	25.0
30	10.0	0.0	7.0	2.0	0.0	25.0	0.0	4.0	2.0	0.5	0.0	2.0
31	0.0	0.0	0.0	0.0	0.0	0.0	15.5	1.0	0.0	2.0	0.0	16.0
Total	52.5	7.0	128.0	164.5	112.5	107.0	53.0	74.5	132.5	253.0	233.5	162.5
D. LL.	5	4	10	13	8	10	4	11	13	23	16	16

TOTALES ANUALES 1480.5 mm. 133 Dias lluvia

Estación: El Rosario **Municipio:** Venecia **Año:** 1977
Altitud : 1.540 metros **Latitud** : 5 - 58 N **Longitud:** 75 - 44 W

ENERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	7.0 NW	SE	6.0 SE
2	NW	7.0 NW	SE	3.0 SE
3	NW	6.0 NW	SE	5.0 SE
4	NW	8.0 NW	SE	24.0 SE
5	NW	10.0 NW	SE	5.0 SE
6	NW	9.0 NW	SE	12.0 SE
7	NW	9.0 NW	SE	4.0 SE
8	NW	11.0 NW	SE	10.0 SE
9	NW	5.0 NW		
10	NW	5.0 NW	SE	7.0 SE
11	NW	8.0 NW	SE	4.0 SE
12	NW	8.0 NW	SE	7.0 SE
13	NW	7.0 NW	SE	9.0 SE
14	NW	7.0 NW	SE	8.0 SE
15	NW	7.0 SE	V	6.0 SE
16	SW	24.0 SE	SE	8.0 SE
17	NW	9.0 NW	SE	6.0 SE
18	NW	1.0 NW	SE	7.0 SE
19	NW	23.0 E	SE	9.0 SE
20	NW	8.0 NW	SE	8.0 SE
21	NW	8.0 NW	SE	7.0 SE
22	SW	8.0 W	SE	5.0 SE
23	NW	20.0 SE		
24	NW	7.0 NW	SE	2.0 SE
25	NW	7.0 NW	SE	3.0 SE
26	NW	11.0 SE	SE	5.0 SE
27	NW	6.0 NW	SE	3.0 SE
28	NW	8.0 NW	SE	12.0 SE
29	NW	9.0 NW	SE	
30	NW	22.0 SE		
31	NW	7.0 SW	SE	7.0 SW
MES	NW	24.0 SE	SE	24.0 SE

FEBRERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	10.0 NW	SE	11.0 SW
2	NW	13.0 W	SE	10.0 SE
3	NW	21.0 NE	SE	8.0 SE
4	NW	17.0 W	SE	5.0 SE
5	NW	10.0 NW	V	5.0 SE
6	NW	11.0 SW	SE	20.0 SE
7	NW	30.0 E	SE	8.0 SE
8	NW	13.0 SW	SE	9.0 SE
9	NW	17.0 NE	SE	6.0 SE
10	NW	10.0 NW	SE	4.0 NE
11	NW	8.0 NW	SE	3.0 SE
12	NW	7.0 SE	C	7.0 SE
13	NW	7.0 NW	SW	3.0 SW
14	NW	7.0 NW	SE	16.0 SE
15	NW	29.0 SW	V	23.0 SE
16	NW	17.0 NW	V	2.0 SW
17	NW	10.0 NW	SE	16.0 SE
18	NW	10.0 NW	SE	5.0 SE
19	NE	32.0 SE	SW	2.0 SE
20	NW	9.0 E	SW	10.0 SW
21	NW	7.0 NW	SE	8.0 SE
22	NW	27.0 SE	SE	4.0 SE
23	NW	28.0 SE	SE	3.0 SW
24	NW	26.0 SE	SW	12.0 SW
25	NW	11.0 NW	SE	3.0 SE
26	NW	24.0 SE	SE	4.0 SE
27	NW	7.0 NE	SE	3.0 SE
28	NW	13.0 NW	SE	
29				
30				
31				
MES	NW	32.0 SE	SE	23.0 SE

MARZO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	20.0 SE	SE	5.0 SW
2	NW	10.0 NW	SE	3.0 SE
3	NW	11.0 NW	SE	17.0 SE
4	NW	24.0 E	SE	14.0 SE
5	NW	32.0 SE	SE	28.0 SE
6	NW	20.0 SE	SE	28.0 SE
7	NW	26.0 SE	SE	34.0 SE
8	●SE	37.0 SE	SE	
9	E	30.0 NE	SE	27.0 E
10	NW	23.0 SE	SE	27.0 E
11	NW	10.0 NW	SE	8.0 SE
12	NW	12.0 NW	SE	16.0 E
13			SE	1.0 SE
14	NW	10.0 NW	SE	17.0 SE
15	NW	63.0 SE	SE	36.0 SE
16	NW	6.0 V	SE	3.0 SE
17	NW	20.0 SE	SE	7.0 SW
18	NW	44.0 NE	SE	12.0 SE
19	SE	8.0 V	SE	5.0 SE
20	NW	9.0 NW	SE	7.0 SE
21	NW	25.0 SE	SW	60.0 SE
22	NW	5.0 SW	SE	2.0 SE
23				
24	NW	26.0 SE	SE	10.0 SE
25	NW	13.0 SE	SW	18.0 SE
26	NW	30.0 NE	SE	6.0 E
27	NW	55.0 SE	V	9.0 W
28	NW	8.0 SE	NW	2.0 SE
29	NW	8.0 NW		
30	NW	12.0 SE	SE	7.0 SE
31	NW	19.0 SE	SE	7.0 SE
MES	NW	63.0 SE	SE	60.0 SE

ABRIL

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	V	25.0 SE	SE	6.0 SE
2	NW	42.0 SE	SE	17.0 SE
3	NW	11.0 NW	SE	23.0 SE
4	NW	12.0 NW	SE	3.0 SW
5	NW	7.0 V	SE	7.0 SE
6	NW	18.0 SE		
7	NW	33.0 SE	SE	26.0 SE
8	NW	44.0 SE	SE	21.0 SE
9	NW	10.0 NW	SE	4.0 SE
10	V	14.0 V	SE	9.0 NE
11	NW	13.0 NW	SE	7.0 SE
12	NW	7.0 NW	SE	
13	NW	18.0 NE	SE	4.0 SE
14	NW	52.0 SE	V	4.0 SW
15	NW	21.0 SE	SE	28.0 SE
16	NW	13.0 NW	SE	15.0 SE
17	NW	7.0 NW	V	2.0 SE
18	NW	8.0 NW	SE	7.0 SE
19	NW	6.0 NW	V	1.0 SE
20	NW	7.0 NW	SE	6.0 SE
21	NW	17.0 SE	V	3.0 SW
22	NW	15.0 NE	SE	5.0 SE
23	NW	5.0 NW	V	1.0 SW
24	NW	19.0 E	SE	7.0 SE
25	NW	7.0 NW	SE	4.0 S
26	NW	10.0 NW	SE	6.0 SE
27	NW	7.0 NW	V	1.0 SW
28	NW	6.0 NW	V	37.0 SE
29	NW	32.0	SE	24.0 SE
30				
31				
MES	NW	52.0 SE	SE	37.0 SE

Estación: El Rosario **Municipio:** Venecia **Año:** 1977
Altitud : 1.540 metros **Latitud** : 5 - 58 N **Longitud:** 75 - 44 W

MAYO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	7.0 SE	SE	2.0 SE
2	NW	24.0 SE	SE	5.0 SE
3	NW	16.0 SW	V	12.0 V
4	NW	12.0 NE	SW	3.0 V
5	NW	7.0 SE	V	1.0 SE
6	NW	10.0 NW	SE	7.0 SE
7	NW	12.0 NW	SE	5.0 SE
8	NW	23.0 E	SW	8.0 E
9	NW	7.0 NW	SW	
10	NW	26.0 SE	V	7.0 NE
11	NW	8.0 NW	SE	3.0 SE
12	NW	12.0 NW	SE	4.0 SE
13	NW	3.0 NW	SE	21.0 SE
14	NW	4.0 NW	C	
15	NW	16.0 SW	C	
16	NW	28.0 SE	SE	2.0 V
17	NW	15.0 SE	V	4.0 SW
18	NW	8.0 NW	V	4.0 V
19	NW	23.0 SE	V	21.0 W
20	NW	6.0 NW	SE	2.0 V
21	NW	5.0 SW	SE	4.0 SE
22	NW	7.0 NW	SE	29.0 SE
23	NW	12.0 NW	V	2.0 SE
24	NW	7.0 NW	SE	
25	NW	6.0 NW	SE	2.0 SW
26	NW	23.0 NW	SW	5.0 SW
27	NW	12.0 SE	SW	5.0 SW
28	NW	7.0 NW	SE	23.0 SE
29	NW		SE	
30	NW	5.0 NW	SE	4.0 SE
31	NW	5.0 NW	SE	4.0 SW
MES	NW	28.0 SE	SE	29.0 SE

JUNIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	14.0 SW	V	4.0 SE
2	NW	8.0 NW	W	
3	NW	9.0 NW	SE	4.0 SE
4	NW	14.0 NW	SE	5.0 SE
5	NW	24.0 NW	V	3.0 SW
6	NW	6.0 E	SE	8.0 SE
7	NW	7.0 V	SW	6.0 SE
8	NW	6.0 NW	SE	5.0 SE
9	NW	6.0 Nw	SE	2.0 SE
10	NW	7.0 NW	V	8.0 SE
11	NW	27.0 NW	SE	5.0 SE
12	NW	27.0 SE	SE	12.0 NE
13	NW	7.0 NW	SE	10.0 SE
14	NW	7.0 NW	V	
15	NW	10.0 NW	SE	4.0 SE
16	NW		V	
17	NW	13.0 NW	V	2.0 NW
18	NW	11.0 NW	V	26.0 SE
19	NW	13.0 NW	SE	14.0 SE
20	NW	49.0 SE	SE	7.0 SW
21	NW	8.0 E	SE	5.0 SW
22	NW	5.0 NW	V	
23	NW	7.0 NW	SE	4.0 SE
24	NW	5.0 NW		
25	NW	12.0 NW	SE	17.0 SE
26	NW	8.0 NW		
27	NW	10.0 NW	SE	3.0 SE
28	NW	6.0 NW	SE	1.0 SE
29	NW	7.0 NW	V	10.0 SE
30	NW	11.0 V	SW	2.0 SW
31				
MES	NW	49.0 SE	SE	26.0 SE

JULIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	8.0 NW	SE	2.0 SE
2	NW	7.0 NW	SE	2.0 SE
3	NW	9.0 NW	SE	22.0 SE
4	NW	7.0 NW	V	1.0 V
5	NW	56.0 SE	SE	10.0 SW
6	NW	7.0 NW	SE	1.0 SE
7	NW	7.0 SW	SE	1.0 SE
8	NW	7.0 NW	SE	
9	NW	22.0 SE	V	5.0 NW
10	NW	9.0 NW	V	4.0 SE
11	SE	32.0 SE	SE	2.0 SE
12	NW	4.0 NW	SE	1.0 SE
13	NW	7.0 NW	SE	
14	NW	7.0 NW	SE	5.0 SE
15	NW	9.0 NW	SE	24.0 SE
16	NW	8.0 NW	SE	3.0 SE
17				
18	NW	10.0 NW	SE	12.0 SE
19	NW	19.0 SE	SW	26.0 SE
20	NW	7.0 NW	SE	1.0 SE
21	NW	10.0 NW	SE	14.0 SE
22	NW	9.0 NW	SE	1.0 SE
23	NW	10.0 NW	SE	23.0 SE
24	NW	5.0 NW	SE	
25	NW	9.0 NW	SE	17.0 SW
26	NW	8.0 NW	V	47 0 SE
27	NW	7.0 NW	SE	
28	NW	24.0 V	SE	13.0 SE
29	NW	23.0 NE		17.0
30	NW	13.0 NW	SW	19.0 SE
31	NW	8.0 NW	SE	17.0 SE
MES	NW	56.0 SE	SE	47.0 SE

AGOSTO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	7.0 SE	SE	2.0 SE
2	NW	5.0 NW	SE	1.0 SE
3	NW	7.0 NW	SE	1.0 V
4	NW	13.0 NW	SE	
5	NW	24.0 NE	SW	2.0 SW
6	NW	9.0 NW	SE	6.0 V
7	NW	6.0 NW	SW	2.0 SW
8	NW	11.0 NW	SW	23.0 SE
9	NW	7.0 E	SE	1.0 SW
10	NW	5.0 NW	SE	77.0 SE
11	NW	9.0 NW	SE	1.0 SE
12	NW	7.0 NW	V	18.0 SE
13	NW	7.0 NW	SW	3.0 SW
14	NW	7.0 NW	SE	5.0 SW
15	NW	6.0 NW	SE	19.0 SE
16	NW	4.0 NW	C	
17	NW	12.0 NW	SE	2.0 NW
18	NW	9.0 NW	C	16.0 SW
19	NW	10.0 NW	SE	3.0 V
20	NW	4.0 NW	SE	23.0 SE
21	NW	4.0 NW	SE	
22				
23	NW	9.0 NW	SE	2.0 SE
24	NW	9.0 NW	SE	19.0 SE
25	NW	18.0 SE	SE	21.0 SE
26	NW	7.0 NW	SE	7.0 SE
27	NW	8.0 NW	SE	3.0 SE
28	NW	21.0 E	SE	17.0 SE
29	NW	13.0 NW	SE	4.0 SE
30	NW	6.0 NW	SE	7.0 SE
31	NW	10.0 SE	SW	1.0 SW
MES	NW	24.0 NE	SE	77.0 SE

Estación: El Rosario
Altitud: 1.540 metros

Municipio: Venecia
Latitud : 5 - 58 N

Año. 1977
Longitud: 75 - 44 W

SEPTIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	27.0 E	SE	18.0 SE
2	NW	26.0 SE	SE	21.0 SE
3	NW	14.0 NW	SE	5.0 V
4	NW	26.0 E	SW	17.0 SE
5	NW	4.0 NW	V	2.0 SW
6	NW	36.0 SE	SE	20.0 SE
7	NW	31.0 SE	SE	7.0 SE
8	NW	9.0 NW	SE	3.0 SE
9	NW	14.0 NW	SE	8.0 SE
10	NW	5.0 NW	SE	11.0 SE
11	NW	12.0 NW	SE	5.0 SE
12	NW	7.0 SE	V	
13	NW	22.0 V	SE	4.0 SE
14	NW	3.0 NW	SE	4.0 SW
15	NW	7.0 NW	SE	5.0 SE
16	NW	8.0 NW	SE	11.0 SE
17	NW	13.0 NW	SW	17.0 SW
18	NW	20.0 SE		
19	NW	6.0 NW	SW	5.0 E
20	NW	18.0 W	SE	
21	NW	5.0 NW	V	
22	NW	8.0 NW	SE	7.0 SE
23	NW	6.0 W	SE	
24	NW	8.0 SE	SE	17.0 SE
25	NW	5.0 NW	V	16.0 NE
26	NW	6.0 NE	C	
27	NW	4.0 NW	C	2.0 E
28	NW	4.0 NW	C	
29	NW	7.0 SW	V	4.0 SW
30	NW	7.0 SE	SE	4.0 SE
31				
MES	NW	36.0 SE	SE	21.0 SE

OCTUBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	13.0 NW		
2	NW	6.0 NW	SE	5.0 E
3	NW	15.0 NW	V	8.0 SW
4	NW	7.0 W	NW	15.0 SE
5	NW	12.0 SE	SE	5.0 SW
6	SE	5.0	SE	12.0 SE
7	NW	6.0 SE	SE	5.0 SE
8	NW	18.0 SE	NE	14.0 SE
9	SE	29.0 SE	SE	22.0 SE
10				
11	NW	5.0 SW	SE	38.0 SE
12	NW	7.0 NW	V	
13	NW	7.0 NW		
14	NW	9.0 NW	SE	7.0 SE
15	NW	6.0 SE	SE	
16	NW	12.0 SE	SE	
17	NW	14.0 NW	SW	10.0 NW
18	NW	8.0 NW	SE	
19	NW	15.0 SW	SE	3.0 SE
20	NW	13.0 SW	SW	7.0 SW
21	NW	6.0 NW	SW	9.0 SW
22	NW	5.0 NW	SE	
23	NW	5.0 NW	SE	4.0 SW
24	NW	10.0 SE	NW	1.0 NW
25	NW	5.0 V	NW	13.0 SE
26	NW	4.0 NW	SE	2.0 NW
27	NW	4.0 NW	SE	1.0 NW
28	NW	11.0 SE	C	
29	NW	5.0 NW	SE	2.0 SE
30	NW	24.0 SE	SE	13.0 SE
31	NW	7.0 NW	SE	9.0 SE
MES	NW	29.0 SE	SE	38.0 SE

NOVIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	7.0 NW	SE	
2	NW	11.0 SW	SW	6.0 SW
3	NW	22.0 SE	V	
4	NW	8.0 SE	SW	24.0 SE
5	NW	29.0 SW	SE	17.0 SE
6	NW	6.0 NE	SW	4.0 SW
7	NW	7.0 NW	SE	10.0 SE
8	NW	6.0 NW	SE	28.0 SE
9	NW	5.0 NE	NW	2.0 NW
10	NW	8.0 SE	SW	17.0 SW
11	NW	3.0 NW	V	2.0 SW
12	NW	3.0 NW	SW	2.0 SE
13	NE		V	4.0 SE
14	NW	10.0 SE	C	2.0 SE
15	NW	5.0 NW	SE	10.0 SE
16	NW	20.0 SE	SW	7.0 SW
17	NW	3.0 NW	SE	2.0 SE
18	NE	5.0 NW	SE	13.0 SE
19	NW	6.0 NW	SE	
20	NW	8.0 NW	SE	
21	NW	9.0 NW	SE	3.0 SE
22	NW	5.0 NW	NE	2.0 SE
23	NW	6.0 SW	SE	1.0 SE
24	NW	5.0 NW	SE	25.0 SE
25	NW	5.0 NW	SE	7.0 SE
26	NW	6.0 E	SW	2.0 SW
27	NW	5.0 NW	SE	
28	NW	7.0 NW	NE	2.0 SE
29	NW	7.0 W	SE	2.0 SE
30	NW	8.0 W	NE	2.0 SE
31				
MES	NW	29.0 SW	SE	28.0 SE

DICIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	8.0 NW	NE	2.0 E
2	NW	9.0 SW	V	7.0 SW
3	NW	4.0 NW	C	2.0 SE
4	V	6.0 NW	SE	6.0 SE
5	NW	12.0 SE	SE	5.0 SE
6	NW	5.0 W	V	5.0 SW
7	NW	5.0 NW	V	3.0 SW
8	NW	7.0 NW	SE	
9	NW	12.0 W	V	27.0 SE
10	NW	5.0 NE	V	1.0 V
11	NW	23.0 SE	SE	9.0 S
12	NW	8.0 NW	SE	13.0 NE
13	NW	2.0 NW	SE	2.0 SE
14	NW	5.0 NW	V	2.0 SE
15	NW	7.0 SW	SE	12.0 SE
16	SW	8.0 SE	SE	19.0 SE
17	SW	8.0 SW	SE	1.0 SE
18	NW	3.0 NW	SE	5.0 SE
19	NW	7.0 NW	V	1.0 SE
20	NW	9.0 NW	SE	4.0 SE
21				
22	SW	10.0 SW	SE	1.0 SE
23	SW	15.0 SW	SE	7.0 SE
24			SE	1.0 SE
25	NW	6.0 W	SE	5.0 SE
26	NW	6.0 NE	NE	2.0 SW
27	V	4.0 V	SE	3.0 SE
28	W	23.0 SE	SE	9.0 SE
29	NW	11.0 E	SE	9.0 SE
30	NW	8.0 NW	SE	4.0 SE
31	NW	8.0 NW	SE	6.0 SE
MES	NW	23.0 SE	SE	27.0 SE

Estación: Agronomía **Municipio**: Manizales **Año**: 1977
Altitud : 2.150 metros **Latitud** : 5 - 04 N **Longitud**: 75 - 31 W

ENERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	4.0 NW	SE	
2	NW	6.0 NW	SE	2.0 NW
3	NW	4.0 NW	SE	2.0 SE
4	NW	5.0 NW	SE	2.0 SE
5	NW	5.0 NW	SE	4.0 SE
6	NW	4.0 NW	SE	2.0 SE
7	NW	5.0 NW	SE	3.0 SE
8	NW	6.0 NW	SE	3.0 SE
9	NW	3.0 NW	SE	
10	NW	5.0 NW	SE	1.0 SE
11	NW	6.0 NW	SE	4.0 SE
12	NW	5.0 NW	SE	2.0 SE
13	NW	2.0 NW	SE	
14	NE	5.0 NE	SE	
15	NW	5.0 NW	V	
16	NW	6.0 NW	SE	
17	NW		SE	
18	NE	3.0 V	SE	
19	NW	4.0 NW	SE	4.0 SE
20	NW	7.0 NW	SE	3.0 SE
21	NW	5.0 NW	SE	4.0 SE
22	NW	6.0 NW	SE	
23	NW	5.0 NW	SE	
24	NW	5.0 SE	SE	
25	NW		SE	
26	NW		SE	
27	NW	5.0 V	SE	4.0 SE
28			NW	
29	NW	5.0 N	V	
30	NW	6.0 NW	NW	5.0 NW
31	NW	5.0 NW	SE	
MES	NW	7.0 NW	SE	5.0 NW

FEBRERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	5.0 NW	SE	
2	NW	5.0 NW	SE	3.0 SE
3	NW	4.0 NW	SE	2.0 SE
4	NW	3.0 NW	SE	2.0 SE
5	NW	5.0 NW	SE	2.0 SE
6	NW	5.0 NW	SE	2.0 SE
7	NW	3.0 NW	SE	2.0 SE
8	NW	3.0 NW	SE	3.0 SE
9	NW	3.0 NW	SE	1.0 SE
10	NW	5.0 NW	SE	
11	NW		SE	
12	NW	4.0 NW	SE	2.0 SE
13	NW	3.0 NW	SE	2.0 SE
14	NW	4.0 NE	SE	
15	NW	6.0 NW	SE	2.0 SE
16	NW	3.0 NW	SE	
17	NW		SE	
18	NW	5.0 NW	SE	2.0 SE
19	NW		SE	
20	NW	6.0 NE	SE	2.0 SE
21	NW	3.0 NW	SE	
22	NW	3.0 NW	SE	3.0 SE
23	NW	4.0 NW	SE	3.0 SE
24	NW	8.0 NW	SE	
25	SE			
26	NW	3.0 V	SE	2.0 SE
27	NW	3.0 NE	SE	
28	NW	4.0 NW	SE	
29				
30				
31				
MES	NW	8.0 NW	SE	3.0 SE

MARZO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	5.0 NW	SE	
2	NW	5.0 NW	SE	5.0 SE
3	NW	5.0 NW	SE	5.0 SW
4	NW	5.0 NW	SE	10.0 SW
5	NW	7.0 NW	SW	12.0 SW
6	NW	3.0 NW	SE	10.0 W
7	NW	15.0 SW	SE	25.0 S
8	NW	4.0 NE	SE	5.0 SE
9			SW	
10	NW	22.0 SE	SE	26.0 SE
11	NW	6.0 NW	SE	2.0 SE
12	NW	7.0 NW	SE	7.0 NW
13	NW	5.0 NW	SE	
14	NW	5.0 NW	SE	5.0 SE
15	NW	6.0 NE	SE	4.0 SE
16	NW	4.0 SE	SE	4.0 SE
17	SE		SE	
18	NW	20.0 SE	SE	
19				
20	NW		SE	
21	NW	12.0 NW	NW	
22	NW	4.0 NW		
23	NW		SE	
24	NW	5.0 NW	SE	4.0 SE
25	NW	5.0 NW	SE	
26	NW	4.0 NW	SE	4.0 SE
27	NW		SE	
28	NW	4.0 NW	SE	4.0 NW
29	NW	4.0 NW	NW	
30	NW		SE	
31	NW	5.0 NW	SE	2.0 SE
MES	NW	22.0 SE	SE	25.0 SE

ABRIL

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1				
2	NW	5.0 NW	SE	
3	NW	4.0 N	NW	3.0 NW
4	NW	4.0 NW	SE	4.0 SE
5	NW	4.0 NW	SE	2.0 SE
6	NW	8.0 SW	SE	2.0 SE
7	NW	4.0 NW	SE	3.0 SE
8	NW	7.0 SE	SE	5.0 SW
9	NW	5.0 NW	SE	2.0 SE
10	NW	2.0 NW	SE	3.0 SE
11	NW	3.0 NW	NW	1.0 V
12	NW		SE	
13	NW		SE	
14	NW	4.0 NW	SE	2.0 SE
15	NW	5.0 NW	SE	3.0 SE
16	NW	2.0 NW	SE	
17	NW	3.0 NW	SE	2.0 SE
18	NW	3.0 NW	SE	3.0 SE
19	NW		SE	
20	NW			
21	NW		SE	
22	NW	5.0 NW	SE	
23	NW		SE	
24	NW	4.0 NW	SE	3.0 SE
25	NW	6.0 NW	SE	
26	NW	4.0 NW		
27	NW		SE	
28	NW	4.0 NW	SE	7.0 NE
29	NW		SE	
30	NW	4.0 NW	SE	
31				
MES	NW	8.0 SW	SE	7.0 NE

Estación: Agronomía **Municipio:** Manizales **Año:** 1977
Altitud : 2.150 metros **Latitud** : 5 - 0 4 N **Longitud:** 75 - 31 W

MAYO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW		V	
2	NW	5.0 NW	SE	
3	NW	3.0 NE	V	8.0 SE
4	NE	6.0 SE	NW	
5	NW	5.0 NW	SE	
6	NW	2.0 NW	SE	
7	NW	3.0 NW	SE	
8	NW	3.0 NW	SE	
9	NW	3.0 NW	SE	2.0 SE
10	NW	3.0 NW	SE	
11	NW		SE	
12	NW	4.0 NW	SE	
13	NW	4.0 NE	SE	
14	NW	3.0 NW	SE	1.0 SE
15	NW	3.0 NW	SE	2.0 SE
16	NW		SE	
17	NW	3.0 NE	SE	
18	NW	3.0 NW	SE	3.0 SW
19	NW	3.0 NW	SE	28.0 SW
20	NW		SE	
21	NW		SE	
22	NW		SE	
23	NW		SE	
24	NW		SE	
25	NW		SE	
26	NW		SE	2.0 SE
27	NW		SE	
28	NW		SE	
29	NW		SE	
30	NW		SE	
31	NW	3.0 N	SE	2.0 SE
MES	NW	6.0 SE	SE	28.0 SW

JUNIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW		SE	
2	NW		SE	
3	NW		SE	
4	NW		SE	
5	NW			
6	NW		SE	
7	NW		V	
8	NW		SE	
9	NW		SE	
10	NW		SE	
11	NW	5.0 SW	SE	
12	NW	4.0 NW	SE	
13	NW		SE	
14	NW		SE	
15	NW		SE	
16	NW		SE	
17	NW	3.0 NW	SE	2.0 SE
18	NW		SE	2.0 SE
19	NW		SE	
20	NW	2.0 NW	SE	
21	NW		SE	
22	NW	3.0 NW	SE	2.0 SE
23	NW	3.0 NW	SE	
24	NW	2.0 NW	SE	
25	NW	3.0 NW	SE	2.0 SE
26	NW	3.0 NW	SE	
27	NW	3.0 NW	SE	2.0 SE
28	NW	3.0 NW	SE	
29	NW	3.0 NW	SE	
30	NW		NW	
31				
MES	NW	5.0 SW	SE	2.0 SE

JULIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW		SE	
2	NW	3.0 NW	SE	
3	NW	3.0 NW	SE	
4	NW		SE	
5	NW		V	
6	NW			
7	NW	2.0 NW	SE	
8	NW		SE	
9	NW		SE	
10	NW		SE	
11	NW	5.0 NW	SE	3.0 SE
12	NW		SE	3.0 SE
13	NW	4.0 NW	SE	3.0 SE
14	NW	2.0 NW	SE	
15	NW		SE	
16	NW	3.0 NW	SE	
17	NW	3.0 NW	SE	
18	NW		SE	3.0 SE
19	NW	3.0 NW	SE	5.0 SE
20	NW	2.0 NW	SE	
21	NW	3.0 NW	SE	10.0 SW
22	NW	3.0 NW	SE	3.0 SE
23	NW	4.0 NW	SE	
24	NW		SE	
25	NW		SE	
26	NW	3.0 NW	NW	
27	NW	3.0 NW	SE	3.0 SE
28	NW	3.0 NW	SE	2.0 SE
29	NE	6.0 NE	SE	2.0 SE
30	NW	5.0 NW	NW	
31	V			
MES	NW	6.0 NE	SE	10.0 SW

AGOSTO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW		SE	4.0 SE
2	NW	4.0 NW	SE	3.0 SE
3	NW	3.0 NW	SE	
4	NW		SE	
5	NW			
6	NW		V	
7	NW		SE	
8	NW	3.0 NW	SE	
9	NW		SE	
10	NW	3.0 NW	SE	
11	NW	3.0 NW	SE	
12	NW	4.0 NW	SE	
13	NW		SE	
14	NW			
15	NW		SE	
16	NW		SE	
17	NW	3.0 NW	SE	
18	NW		SE	
19	NW		SE	
20	NW	2.0 NW	SE	1.0 SE
21	NW	2.0 NW	NW	
22	NW	3.0 NW	SE	3.0 SE
23	NW		SE	3.0 SE
24	NW	4.0 NW	SE	3.0 SE
25	NW	4.0 NW	SE	
26	NW	3.0 NW	SE	
27	NW		SE	
28			SE	
29	NW	3.0 NW	SE	2.0 SE
30	NW	2.0 NW	SE	2.0 SE
31	NW	2.0 NW	SE	2.0 SE
MES	NW	4.0 NW	SE	4.0 SE

Estación: Agronomía **Municipio:** Manizales **Año:** 1977
Altitud : 2.150 metros **Latitud :** 5 - 04 N **Longitud:** 75 - 31 W

SEPTIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	3.0 NW	SE	2.0 SE
2	NW		SE	4.0 SE
3	NW	2.0 NW	SE	3.0 SE
4	NW	7.0 NW		
5	NW	3.0 NW	SE	4.0 SE
6	NW	5.0 NE	SE	7.0 SE
7	NW	5.0 NW	SE	
8				
9	NW	5.0 NW	SE	5.0 SE
10	NW	4.0 NE		
11			SE	
12	NW		SE	
13	NW	6.0 SE	SE	3.0 SE
14	NW	5.0 NW	SE	
15	NW	3.0 NW	SE	
16	NW		SE	2.0 SE
17	NW	3.0 NW	SE	3.0 NW
18	NW		SE	
19	NW	4.0 NW	SE	
20	NW	4.0 NW	SE	
21	NW		SE	
22	NW	5.0 NW	NW	
23	NW	3.0 V	SE	4.0 SE
24				
25	NW	3.0 NE	V	10.0 NW
26				
27	NW	5.0 NW	SE	
28			SE	
29	NW		SE	
30	NW		SE	
31				
MES	NW	7.0 NW	SE	10.0 NW

OCTUBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW		NW	
2	NW		SE	
3	NW		SE	
4	NW	4.0 NW	SE	
5	NW		SE	
6	NW		SE	
7	NW		V	
8	NW		SE	
9	NW	3.0 NW	NE	
10	NW		SE	
11	NW		V	
12	NW		SE	
13	NW		SE	
14	NW		SE	
15	NW	3.0 NW	SE	2.0 SE
16	NW	3.0 V	SE	
17	NW	3.0 NW	SE	
18	NW		SE	
19	NW	4.0 SW	SE	2.0 NE
20	NW		SE	
21	NW		SE	
22	NW	5.0 NW	SE	
23	NW		V	
24	NW		SE	
25	NW		SE	
26	NW		SE	
27	NW		SE	
28	NW	9.0 NE	NW	
29				
30	NW	7.0 NW	SE	
31	NW	3.0 NW	SE	3.0 SE
MES	NW	9.0 NE	SE	3.0 SE

NOVIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	3.0 NW	SE	
2	NW	8.0 NE	SE	
3	NW		SE	
4	NW	4.0 NW	SE	3.0 NW
5	NW	4.0 NW	SE	
6	NW	3.0 NW	SE	
7	NW	4.0 NE		
8	NW	3.0 NW	SE	
9	NW	2.0 SE	SE	2.0 SE
10	NW	3.0 NW	SE	
11	NW	2.0 NW	NW	
12	NW		SE	
13	NW		V	
14	NW	9.0 NW	SE	
15	NW		SE	
16	NW		SE	1.0 SE
17	NW		SE	
18	NW		SE	
19	NW	3.0 NW	SE	
20	NW	4.0 NW	SE	
21	NW		SE	
22	NW		SE	
23	NW	3.0 NW	SE	
24	NW	4.0 NW	SE	
25	NW		SE	
26				
27				
28				
29				
30	NW	4.0 NW	SE	
31				
MES	NW	9.0 NW	SE	3.0 NW

DICIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	3.0 NW	SE	2.0 SE
2	NW	4.0 NW	V	
3	NW	3.0 NW	SE	
4	NW	3.0 NW	SE	2.0 SE
5	NW	11.0 NW	SE	
6	NW	4.0 SE	SE	2.0 V
7	NW		SE	
8	NW		SE	●
9	NW	34.0 NW	SE	
10	NW		SE	9.0 SW
11	NW		SE	3.0 SW
12	NW	4.0 SW	SE	
13	NW		SE	
14	NW		SE	
15	NW		SE	
16	NW		SE	
17	NW		SE	
18	NW		V	
19	NW	4.0 V	SE	2.0 SE
20	NW		SE	
21	NW		SE	
22	NW	5.0 NW	SE	3.0 SE
23	NW	5.0 NW	SE	
24	NW	4.0 NW	SE	
25	NW	4.0 NW	SE	5.0 SE
26	NW	4.0 NW	SE	
27	NW	3.0 NW	SE	
28	NW	9.0 NW	SE	
29	NW		SE	
30	NW	5.0 NW	SE	3.0 SE
31	NW	4.0 NW	SE	
MES	NW	34.0 NW	SE	9.0 SW

Estación: Cenicafé **Municipio:** Chinchiná **Año:** 1977
Altitud : 1.310 metros **Latitud :** 4 - 59 N **Longitud:** 75 - 35 W

ENERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	C	10.8 SW	S	17.6 S
2	C	18.0 SE	SE	17.6 S
3	C	17.3 S	S	18.0 S
4	C	19.4 S	S	19.4 S
5	SW	21.6 SE	SE	21.2 SE
6	SW	19.4 SE	SE	20.9 SE
7	SW	17.3 W	SE	18.0 SE
8	C	16.6 SE	SE	19.4 SE
9	SW	13.3 S		
10	C	13.7 SW	E	18.0 E
11	C	13.3 SE	E	18.0 E
12	SW	16.6 E	E	19.4 E
13	SW	14.4 S	E	18.7 E
14	SW	13.7 W	E	16.9 E
15				
16	SW	13.0 S		
17	C	11.5 W	E	14.4 E
18	SW	12.2 W	E	17.6 E
19	SW	18.0 S	C	17.3 E
20	SW	15.8 SW	C	16.9 E
21	SW	17.3 E	E	17.6 E
22	SW	12.2 W		
23				
24	C	17.3 W		
25	SW	13.7 S		
26		16.6	E	15.8 E
27	V	13.7 V	E	14.0 E
28	SE	22.3 S	C	9.4 S
29	SE	17.3 S	C	10.8 S
30	C	12.2 E	C	12.2 SE
31	NE	16.2 W	C	12.2 E
MES	SW	22.3 S	E	21.2 SE

FEBRERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SW	15.8 S	E	14.0
2	SW	17.3 S	E	13.0 E
3	C	14.0 SW		16.6
4	C	12.2 W	E	16.6
5	W	15.1 W	SE	15.1 E
6	SW	17.3 S	E	15.5 E
7	C	14.4 SW	E	12.2 E
8	SW	19.4 S	SE	15.8 E
9	C	18.0 S	SE	13.0 E
10	C	15.8 W	SE	16.2 E
11	C	18.0 S		
12	C	10.8 W	SE	13.7 E
13	SW	18.7 SW	SE	13.7 E
14	C	18.0 SW	C	13.0 E
15	SW	15.8 S		
16	SW	18.0 S	C	15.1 E
17	C	20.2 NW	E	13.3 E
18	SE	19.8 S	SE	15.1 E
19			E	13.0 E
20	SW	22.3 SW	SE	11.5 E
21	SW	18.0 SW		
22	C	17.6 SW	SE	14.4 E
23	SW	24.5 S	SE	19.4 SE
24	SW	24.1 S	C	
25	SW	30.2 N		
26	SW	16.6 NW	SE	16.9 E
27	C	15.8 S	E	12.2 E
28	C	16.2 S		
29				
30				
31				
MES	SW	30.2 N	SE	19.4 SE

MARZO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SE	17.3 S	SE	15.8 E
2	SW	20.9 S	SE	16.6 E
3	SW	20.9 SW	SE	16.2 E
4	SW	18.7 W	SE	17.3 E
5	SW	21.6 S	SE	17.6 E
6	C	17.3 S		17.3
7	W	19.4 W	E	16.6 E
8	SW	17.6 SW	E	18.0 E
9	SW	20.5 SW	E	15.1 SE
10	SW	21.6 SW	E	15.8 E
11	SW	18.7 S		
12	SW	19.4 S	C	
13	SW	23.0 S	E	14.4 E
14	C	15.8 V	SE	15.8 E
15	SW	18.7 S	C	20.2 SE
16	C	19.4 S	C	12.2 E
17	C	25.2 W	C	15.8 E
18	SW	19.4 W	NE	26.6 NW
19	C	14.4 S	SE	17.3 E
20	SW	18.0 S	SE	19.4 E
21	SW	17.3 S		
22	C	15.8 SW	C	16.6 E
23	E	18.7 NE	SE	17.3 E
24	C	27.4 S	SE	16.6 E
25	C	13.0 W	NE	15.8 E
26	SW	14.4	SE	18.0 E
27	SW	26.6 NW	C	15.8 NW
28	C	14.0 NW	C	7.2
29	C	13.7 S	C	19.4 NW
30	SW	21.2 SE	C	12.2 E
31	SW	18.7 S	E	12.2 E
MES	SW	27.4 S	SE	26.6 NW

ABRIL

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SW	21.6 S	C	9.4 E
2	C	13.7 W	C	13.7 E
3	SW	21.6 S	C	20.9 S
4	SE	20.2 SE	E	14.4 E
5	SW	20.9 SW	E	14.4 E
6	C	25.2 SW	SE	17.3 E
7	C	19.4 S	SE	15.1 E
8	SE	36.7 NE	SE	13.0 E
9	C	18.0 S	SE	15.8 E
10	SW	18.7 S	SE	14.4 E
11	C	14.4 S	C	16.6 S
12	C		SE	14.4 E
13	C	13.7 S	SE	13.0 E
14	C	13.0 S	E	13.7 E
15	SW	14.4 SW	SE	16.6 E
16	C	14.4 S	C	14.4 SE
17	C	14.4 S	SE	14.4 E
18	C	18.7 SW	SE	18.0 SE
19	C	10.8 W	SE	16.6 SE
20	SW	18.0 W	SE	17.3 E
21	SW	17.3 NE	SE	10.8 E
22	SE	23.0 SE	C	
23	C	7.2 N	C	7.2 E
24	C	13.0 W	C	12.2
25	SW	14.4 V	SE	14.4 SE
26	V	15.8 NW	SE	14.4 N
27	NW	14.4 NW	C	12.2 E
28	V	13.0 SW	C	10.8 NW
29	NW	18.0 S	C	10.8 SE
30	NW	12.2 NW	SE	16.6 SE
31				
MES	C	36.7 NE	SE	20.9 S

Estación: Cenicafé **Municipio:** Chinchiná **Año:** 1977
Altitud : 1.310 metros **Latitud** : 4 - 59 N **Longitud:** 75- 35 W

MAYO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	15.1 NW	SE	16.6 SE
2	NW	14.4 NW	SE	15.1 E
3	NW	13.7 V	C	14.4 V
4	NW	20.2 S	SE	11.5 E
5	C	16.6 S	SE	11.5 E
6	NW	12.2 N	SE	14.4 SE
7	NW	13.0 V	SE	16.6 SE
8	SW	13.0 W	SE	14.4 N
9	NW	9.4 NW	SE	14.4 SE
10	NW	16.6 NE	C	15.8 E
11	NW	7.2 V	SE	14.0 E
12	NW	12.2 NW	SE	16.6 SE
13	NW	11.5 SE	SE	13.7 SE
14	C	13.0 NW	C	9.4 SE
15	C	14.4 NW	C	13.0 SE
16	NW	13.7 NW	SE	15.8 SE
17	NW	13.7 NW	SE	18.0 SE
18	NW	16.6 SE	SE	17.3 SE
19	NW	14.4 NW	SE	20.9 SE
20	NW	13.7 NW	SE	15.1 SE
21	NW	10.8 NW	SE	18.0 SE
22	V	13.0 W	C	10.1 W
23	NW	16.6 NW	C	7.2 S
24	NW	11.5 NW	SE	15.1 S
25	NW	13.0 NW	C	13.0 SE
26	SW	20.2 SW	SE	14.4 SE
27	V	12.2 S	C	7.9 S
28	C	13.0 NW	SE	13.0 SE
29	NW	13.0 NW	SE	13.7 SE
30	NW	13.7 SE	SE	17.3 SE
31	NW	20.2 S	SE	15.8 SE
MES	NW	20.2 S	SE	20.9 SE

JUNIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	V	18.0 S	C	12.2 E
2	NW	12.2 SE	SE	17.3 E
3	NW	15.1 NW	SE	14.4 SE
4	NW	13.7 SE	SE	18.0 SE
5	SW	20.2 NW	SE	17.6 SE
6	NW	14.4 S	SE	13.0 E
7	NW	14.4 NW	C	10.1 E
8	NW	10.8 N	SE	7.9 E
9	NW	13.0 W	SE	13.0 SE
10	NW	15.1 S	SE	15.1 SE
11	SW	15.1 W	SE	14.4 E
12	V	19.8 SE	C	10.8 SE
13	V	10.1 NW	SE	14.4 SE
14	NW	16.2 NW	SE	15.1 SE
15	NW	14.4 NW	SE	18.7 SE
16	NW	19.4 S	SE	16.9 E
17	NW	13.7 W	SE	16.6 SE
18	C	14.4	SE	18.0 SE
19	NW	14.4 W		17.6
20	C	14.4 S	C	12.2 E
21	NW	13.3 NW	SE	16.6 SE
22	NW	19.4 SE	SE	19.4 SE
23	NW	17.6 SE	SE	20.9 S
24	NW	14.4 SE	SE	18.0 SE
25	SW	12.2 SW	SE	17.6 SE
26	SW	19.4 SE	SE	17.3 SE
27	SW	15.1 SE	SE	18.0 SE
28	V	14.4 S	SE	15.8 SE
29	SE	17.3 SE	SE	15.1 SE
30	V	13.0 S	C	10.8 SE
31				
MES	NW	20.2 NW	SE	20.9 S

JULIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	13.7 W	SE	16.6 SE
2	NW	19.4 SE	SE	17.3 SE
3	NW	13.0 W	SE	15.8 SE
4	NW	12.2 SE	SE	15.8 SE
5	NW	12.2 NW	C	12.6 SW
6	NW	10.8 N	SE	13.7 SE
7	NW	13.0 NW	SE	14.0 SE
8	NW	10.8 NW	SE	21.6 SW
9	NW	13.0 SE	SE	10.8 SE
10	C	9.4 SW	SE	17.6 SE
11	NW	15.8 SE	SE	18.7 SE
12	C	13.7 SE	SE	18.7 SE
13	SW	15.1 W	SE	16.6 SE
14	NW	14.4 SE	SE	15.8 SE
15	C	10.8 SW	C	14.4 NW
16	NW	15.8 SW	SE	15.8 SE
17	NW	14.4 NW	SE	18.0 SE
18	NW	18.7 SE	SE	20.9 SE
19	NW	16.6 W	C	22.3 SW
20	NW	12.2 NW	SE	18.0 SE
21	SW	15.8 SW	SE	19.8 SE
22	SW	16.6 W	SE	19.4 SE
23	NW	15.8 NW	SE	19.4 NW
24	NW	13.7 N	SE	18.0 SE
25	C	10.8 NW	SE	16.6 SE
26	V	18.0 SE	C	15.8 NW
27	SW	13.7 W	SE	15.8 SE
28	NW	15.8 NW	SE	20.2 SE
29	NW	18.0 SE	SE	19.4 SE
30	NW	14.4 NW	SE	13.7 SE
31	C	12.2 NW	C	
MES	NW	19.4 SE	SE	22.3 SW

AGOSTO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	10.8 NW	SE	17.3 SE
2	NW	14.4 N	SE	21.2 SE
3	C	13.7 NW	SE	19.4 SE
4	NW	13.0 NW	SE	14.8 SE
5	NW	12.2 SE	SE	13.0 SE
6	NW	10.4 NW	SE	17.3 NW
7	NW	13.0 SE	SE	10[illegible] SE
8	V	13.0 SE	SE	15.1 SE
9	NW	12.2 NW	SE	13.0 SE
10	NW	14.4 NW	SE	16.6 SE
11	NW	18.0 SE	SE	19.4 SE
12	NW	20.5 SE	C	18.0 NW
13	NW	15.8 NW	SE	19.4 S
14	NW	15.8 SE	SE	16.6 SE
15	V	16.6 E	SE	18.0 SE
16	C	14.0 SE	SE	16.6 SE
17	NW	15.1 SE	SE	16.6 SE
18	NW	14.4 NW	SE	19.4 SE
19	NW	14.4 NW	SE	21.2 SE
20	NW	15.1 NW	SE	13.0 SE
21	SW	11.5 W	C	12.2 SE
22	SW	14.0 SE	SE	18.0 SE
23	NW	13.0 SE	SE	18.0 SE
24	V	18.0 SE	SE	20.2 SE
25	NW	15.8 NW	SE	17.3 SE
26	NW	18.0 S	SE	16.9 SE
27	NW	14.4 SE	SE	18.7 SE
28	NW	16.9 W	SE	20.2 SE
29	NW	16.6 SE	SE	17.6 SE
30	NW	12.2 W	SE	16.6 SE
31	NW	13.7 SE	SE	17.6 SE
MES	NW	20.5 SE	SE	21.2 SE

Estación: Cenicafé — Municipio: Chinchiná — Año: 1977
Altitud : 1.310 metros — Latitud : 4 - 59 N — Longitud: 75 - 35 W

SEPTIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	16.9 NW	SE	17.6 SE
2	NW	14.4 V	SE	20.5 SE
3	NW	12.2 SE	SE	18.0 SE
4	NW	15.8 NW	SE	15.8 S
5	NW	14.4 NW	SE	17.3 SE
6	NW	18.0 SE	SE	20.9 SE
7	NW	16.6 SE	SE	21.6 SE
8	NW	14.4 W	SE	17.6 SE
9	NW	14.4 NW	NW	13.7 NW
10	NW	14.0 SE	SE	16.6 SE
11	NW	14.4 V	SE	19.4 SE
12	NW	10.8 NW	C	9.4 N
13	NW	23.0 SW	SE	10.8 SE
14	V	14.4 SW	SE	16.9 SE
15	NW	17.6 SE	SE	18.0 SE
16	SW	15.8 SE	SE	17.3 SE
17	SW	15.1 W	SE	22.3 SE
18	SW	13.0 SW	SE	14.4 SE
19	NW	15.8 W	SE	18.0 SE
20	SW	20.9 SE	SE	15.8 SE
21	V	13.0 NW	SE	17.6 S
22	NW	14.4 SE	SE	11.2 SE
23	NW	13.7 NW	SE	16.6 SE
24	SW	18.0 SW	C	12.2 SE
25	NW	37.4 NW	C	19.8 SW
26	SW		SE	12.2 SE
27	SW	16.2 SW	C	
28	C		SE	14.4 SE
29	SW	19.3 S	C	10.8 SE
30	V	24.1 S	SE	14.4 SE
31				
MES	NW	37.4 NW	SE	22.3 SE

OCTUBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	13.0 SE	C	9.4 SE
2	NW	13.7 SE	SE	15.8 SE
3	SE	15.5 SE	SE	17.3 SE
4	NW	15.8 SE	SE	14.0 SE
5	NW	12.2 W	SE	15.8 SE
6	V	16.6 NW	SE	12.2 SE
7	NW	11.5 SE	SE	12.2 SE
8	V	13.7 SW	SE	12.2 SE
9	NW	23.0 SE	C	11.5 SE
10	C	10.1 NW	SE	13.7 SE
11	NW	13.0 S	C	10.8 N
12	SW	13.0 SE	SE	13.0 SE
13	NW	12.2 NW	SE	15.8 SE
14	NW	12.2 V	SE	16.6 SE
15	SW	13.0 SW	SE	16.6 SE
16	SE	16.6 SE	SE	19.4 SE
17	NW	14.4 SW	SE	13.0 SE
18	NW	10.8 W	SE	19.4 SE
19	NW	14.4 SE	SE	18.0 SE
20	NW	13.0 SE	SE	18.0 SE
21	NW	16.6 NW	SE	16.6 SE
22	SE	23.0 SE	SE	16.9 SE
23	NW	24.5 NE	SE	15.1 NW
24	SE	14.4 SW	SE	12.2 SE
25	V	13.7 SE	SE	16.2 SE
26	C	8.6 SE	SE	13.7 SE
27	NW	14.0 SE	SE	12.2 SE
28	NW	13.0 W	C	9.4 SE
29	NW	12.2 SE	SE	15.8 SE
30	NW	28.4 SE	SE	18.0 SE
31	NW	15.8 SE	SE	18.0 SE
MES	NW	28.4 SE	SE	19.4 SE

NOVIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SE	18.7 SE	SE	17.6 SE
2	NW	16.9 S	SE	14.4 SE
3	NW	16.9 S	SE	10.8 S
4	V	15.8 SE	C	12.2 SE
5	NW	14.4 SE	SE	14.0 SE
6	V	14.4 SW	SE	15.8 SE
7	SE	15.8 SE	C	
8	NW	11.5 N	SE	14.0 SE
9	NW	15.8 V	SE	15.8 SE
10	SW	16 2 SW	SE	10.8 SE
11	NW	13.0 N	C	9.4 SE
12	SW	14.4 SW	SE	12.2 SE
13	SE	9.4 V	C	
14	NW	18.0 SE	SE	14.4 SE
15	NW	20.9 SE	SE	15.1 SE
16	V	11.5 V	SE	13.7 SE
17	NW	13.7 NW	SE	16.9 SE
18	SW	13.7 S	SE	14.4 SE
19	NW	10.8 SW	SE	15.8 SE
20	NW	13.7 SE	SE	18.0 SE
21	NW	17.6 SE	SE	18.0 SE
22	NW	13.0 NW	SE	17.3 SE
23	SE	13.0 S	SE	15.8 SE
24	NW	13.0 N	SE	15.8 SE
25	SW	14.4 SW	SE	17.3 SE
26	V	9.4 W	C	8.6 SE
27	NW	12.2 SE	SE	14.4 SE
28	NW	11.5 NW	SE	17.6 SE
29	NW	10.4 V	SE	16.6 SE
30	SE	17.6 SE	SE	19.4 SE
31				
MES	NW	20.9 SE	SE	19.4 SE

DICIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	13.7 SE	SE	13.7 SE
2	SW	14.4 S	C	
3	NW	14.0 SE	SE	17.3 SE
4	NW	13.0 NW	SE	15.8 SE
5	NW	12.2 NW	SE	17.3 SE
6	SE	12.2 SW	SE	11.5 SE
7	NW	14.4 SE	SE	16.6 SE
8	NW	15.1 SE	SE	18.0 SE
9	NW	23.8 NW	SE	19.4 SE
10	NW	16.9 SE	SE	15.8 SE
11	NW	15.8 SE	SE	17.3 SE
12	NW	18.4 SE	SE	18.7 SE
13	SE	15.8 SE	SE	18.0 SW
14	SW	22.3 SE	SE	20.2 SE
15	NW	13.3 NW	SE	17.6 SE
16	SW	14.4 SW	SE	17.3 SE
17	NW	13.3 NW	SE	18.0 SE
18	NW	14.0 NW	SE	14.8 SE
19	SE	15.8 SE	SE	15.8 SE
20	SW	24.8 NW	SE	17.6 SE
21	NW	18.0 SE	SE	20.2 SE
22	NW	17.3 SE	SE	19.4 SE
23	SW	16.6 SW	SE	19.4 SE
24	NW	13.7 SW	SE	18.0 SE
25	C	15.1 SE	SE	18.0 SE
26	SW	13.7 SE	SE	19.4 SE
27	NW	12.2 SW	C	16.6 NW
28	NW	20.2 S	SE	17.3 SE
29	C	14.4 NW	SE	15.8 SE
30	NW	16.6 SE	SE	19.4 SE
31	SW	15.8 SW	SE	15.8 SE
MES	NW	24.8 NW	SE	20.2 SE

Estación: Naranjal **Municipio:** Chinchiná **Año:** 1977
Altitud : 1.370 metros **Latitud :** 4 - 58 N **Longitud:** 75 - 36 W

ENERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	V	10.8 SW	SE	7.2 SE
2	NW	10.8 NW	SE	9.4 SE
3	NW	11.5 NW	SE	9.4 SE
4	NW	10.8 NW	SE	8.6 SE
5	NW	10.8 NW	SE	10.8 SE
6	SW	11.5 NW	SE	10.1 SE
7	NW	10.8 NW	SE	9.4 SE
8	NW	9.4 NW	SE	9.4 SE
9	NW	9.4 SW	SE	8.6 SE
10	NW	8.6 NW	SE	8.6 SE
11	NW	8.6 NW	SE	7.9 SE
12	NW	9.4 SW	SE	8.6 SE
13	NW		SE	
14	NW		SE	
15	SW	7.2 SW	SE	12.2 SE
16	NW	10.8 NW	SE	8.6 SE
17	NW	9.4 NW	SE	7.2 SE
18	NW	10.8 V	SE	7.2 SE
19	NW	10.8 NW	SE	12.2 SE
20	SW	10.8 SW	SE	7.2 SE
21	NW	8.6 V	SE	7.2 SE
22	SW	7.2 V	SE	
23	SE	13.0 SW	SE	7.9 SE
24	NW	9.4 NW	SE	7.2 SE
25	SW	12.2 SW	SE	7.2 SE
26	SW	10.8 NW	SE	8.6 SE
27	NW	9.4 NW	SE	7.2 SE
28	NW	7.2 NW	SE	10.8 SE
29	SW	10.8 SW	SE	7.2 S
30	SW	10.8 SW	SE	10.8 SE
31	NW	9.4 NW	SE	7.2 SE
MES	NW	13.0 SW	SE	12.2 SE

FEBRERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	9.4 SE	SE	9.4 SE
2	SW	10.8 SW	SE	7.9 SE
3	NW	9.4 NW	SE	7.2 SE
4	NW	9.4 NW	SE	9.4 SE
5	NW	9.4 NW	SE	7.2 SE
6	NW	13.0 NW	SE	9.4 SE
7	V	7.2 SW	SE	7.2 SE
8	SW	10.8 SW	SE	10.8 SE
9	NW	9.4 SW	SE	5.8 SE
10	NW	9.4 NW	SE	8.6 SE
11	NW	12.2 NW	SE	7.2 SE
12	NW	7.2 V	SE	7.2 SE
13	SW	10.8 SW	SE	7.2 SE
14	NW	9.4 SW	SE	8.6 SE
15	SW	9.4 SW	SE	7.2 S
16	SW	10.8 SW	SE	9.4 SE
17	NW	13.0 NE	SE	10.8 SE
18	NW	10.8 SW	SE	8.6 SE
19	SE	16.6 SE	SE	7.2 SE
20	SE	28.8 NW	SE	15.1 SE
21	SW	10.1 S	SE	10.8 SE
22	V	9.4 SW	SE	11.5 SE
23	NW	19.4 SE	SE	13.7 SE
24	NW	17.6 SE	SE	13.3 SE
25	NW	19.4 NE	SE	10.8 SE
26	NW	13.7 SE	SE	11.5 SE
27	V	15.1 SE	SE	9.4 SE
28	NW	9.4 NW	SE	7.2 SE
29				
30				
31				
MES	NW	28.8 NW	SE	15.1 SE

MARZO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SW	9.4 NW	SE	7.2 SE
2	SW	12.2 SW	SE	13.0 SE
3	NW	10.1 NW	SE	12.2 SE
4	NW	7.9 NW	SE	10.8 SE
5	NW	10.8 SW	SE	10.8 SE
6	SW	7.2 SW	SE	10.8 SE
7	NW	12.2 NW	SE	12.2 SE
8	NW	14.4 SW	SE	12.2 SE
9	V	13.0 NW	SE	12.2 SE
10	SW	14.0 NW	SE	12.2 S
11	NW	9.4 NW	SE	8.6 SE
12	NW	10.4 SW	SE	7.2 SE
13	SW	17.3 SE	SE	7.2 SE
14	SW	7.2 SW	SE	10.8 SE
15	V	10.0 SE	SE	14.8 SE
16	V	14.8 S	SE	9.7 SE
17	NE	19.4 NW	SE	12.2 SE
18	NW	10.1 NW	SE	21.6 NW
19	SW	8.6 S	SE	9.4 SE
20	NW	9.7 NW	SE	10.1 SE
21	SE	16.6 SE	SE	7.2 SE
22	V	7.2 NW	SE	7.2 SE
23	V	13.0 SE	SE	7.2 SE
24	SW	13.0 NE	SE	9.4 SE
25	NW	7.2 NW	SE	9.4 NE
26	NW	9.4 NW	SE	10.8 SE
27	NW	16.6 NE	SE	10.1 SE
28	NW	9.4 SE	C	
29	NW	10.1 V	SE	13.7 NW
30	SW	12.2 SW	SE	7.2 SE
31	NW	9.4 SW	SE	9.4 SE
MES	NW	17.3 SE	SE	21.6 NW

ABRIL

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SW	14.4 SE	SE	7.2 SE
2	NW	14.0 SW	SE	10.8 SE
3	NW	16.9 SE	V	12.2 SW
4	SW	18.0 SE	SE	8.6 SE
5	NW	11.5 SW	SE	8.6 SE
6	NW	14.0 SE	SE	10.8 SE
7	NW	8.6 SW	SE	7.2 SE
8	SE	28.1 SW	SE	7.2 SE
9	NW	7.2 NW	SE	9.4 SE
10	NW	8.6 NW	SE	9.4 SE
11	SW	7.2 NW	SE	13.0 S
12	V	9.4 S	SE	7.2 SE
13	NW		SE	8.6 NE
14	SE	9.4 SE	SE	7.2 SE
15	NW	9.4 NW	SE	9.4 SE
16	NW	7.2 SE	SE	7.2 SE
17	SW	9.4 SW	SE	7.2 SE
18	NW	7.2 SW	SE	9.4 SE
19	NW		SE	7.2 SE
20	NW	7.2 NW	SE	7.2 SE
21	V		SE	7.2 SE
22	SW	13.0 NW	SE	12.2 SE
23	SE	7.2 SE	C	
24	SW	7.2 W	SE	7.2 SE
25	NW	10.8 NW	SE	9.4 SE
26	V	9.4 NW	SE	10.8 NE
27	NW	16.9 SW	SE	
28	V	7.2 NW	SE	12.2 NE
29	NW	13.0 SE	SE	
30	NW	9.4 SE	SE	
31				
MES	NW	28.1 SW	SE	13.0 S

Estación: Naranjal **Municipio:** Chinchiná **Año:** 1977
Altitud : 1.370 metros **Latitud** : 4 - 58 N **Longitud:** 75 - 36 W

MAYO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	11.5 W	SE	9.4 SE
2	NW	10.1 W	SE	7.2 SE
3	NW	13.7 SE	SE	13.7 NE
4	NW	10.8 NE	SE	7.2 S
5	V	9.4 NW	C	
6	NW		SE	7.2 SE
7	NE	7.2 NE	SE	13.0 SE
8	NW	7.2 W	SE	
9	NW		SE	7.2 SE
10	NE	8.6 NE	SE	
11	NW		SE	10.1 NW
12	NW	9.4 NW	SE	10.8 N
13	NW		SE	
14	NW	7.2 NW	C	
15	NE	9.4 NE	C	
16	NW		SE	12.2 SE
17	NW	9.4 SE	SE	14.4 SE
18	NW	7.2 NW	SE	10.1 SE
19				
20				
21	SW	7.2 W	SE	24.5 NW
22	SE	10.1 SE	C	
23	NW	9.4 SE	C	
24	NW	7.2 NW	SE	7.2 SE
25	NW	7.2 SE	SE	7.2 SE
26	SE	13.0 SE	SE	7.2 SE
27	SE	7.2 S	C	
28	V	10.1 SE	SE	7.2 SE
29	NW	7.2 NW	SE	7.2 SE
30	NW		SE	10.1 SE
31	NW	13.0 S	SE	7.2 SE
MES	NW	13.7 SE	SE	24.5 NW

JUNIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	V	9.4 SE	C	9.4 NE
2	NW	7.2 NW	C	
3	NW	10.1 NW	SE	7.9 SE
4	SW		SE	10.1 SE
5	SE	10.8 SE	SE	7.2 SE
6	NW	13.0 SE	SE	7.2 SE
7	C	7.2 S	C	7.2 E
8	NW	5.8 NW	SE	7.2 SE
9	SW	5.0 SW	SE	7.2 SE
10	NW	11.5 SE	SE	13.7 SE
11	NW	9.4 NW	SE	12.2 SE
12	NW	10.8 SE	SE	5.8 SE
13	NW	5.0 NW	SE	
14	NW	7.2 NW	SE	7.2 SE
15	SW	7.2 SW	SE	8.6 SE
16	NW	12.2 SE	SE	7.2 SE
17	NW		SE	8.6 E
18	NW	5.0 NW	SE	
19	NW	6.1 NW	SE	5.0 SE
20	NW	5.0 S	C	
21	NW	3.6 NW	SE	7.2 SE
22	NW	6.8 NW	SE	9.4 SE
23	NW		SE	14.4 NE
24	NW		SE	9.4 SE
25	NW	5.0 SW	SE	7.2 SE
26	NW	9.4 SE	SE	7.2 SE
27	NW	5.0 SW	SE	7.2 SE
28	V	10.8 S	SE	7.2 SE
29	NW	7.2 SE	SE	8.6 SW
30	NW	5.0 SE	C	9.4 S
31				
MES	NW	13.0 SE	SE	14.4 NE

JULIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	7.9 NW	SE	8.6 SE
2	NW	6.5 NW	SE	9.4 NE
3	NW	6.8 V	SE	7.2 SW
4	NW	7.2 NW	SE	
5	NW	7.2 S	C	12.2 SE
6	NW		C	
7	NW	7.2 NW	SE	7.2 SE
8	NW	5.0 NW	SE	7.2 SE
9	NW	3.6 NW	SE	6.5 SE
10	NW	8.6 NW	C	
11	NW	6.5 NW	SE	10.1 SE
12	NW	3.6 NW	SE	7.9 SE
13	NW	7.9 NW	SE	10.1 SE
14	NW	3.6 NW	SE	7.2 SE
15	NW		SE	10.1 NW
16	NW	7.2 NW	SE	
17	NW	5.8 NW	SE	
18	NW	8.6 NW	SE	8.6 SE
19	NW	10.8 SE	C	13.7 SW
20	NW	7.2 NW	SE	7.2 SE
21	NW	5.0 NW	SE	8.6 SE
22	NW	7.2 NW	SE	8.6 SE
23	NW	6.5 SW	SE	10.1 NW
24	SW		SE	7.2 SE
25	V		SE	
26	V	9.4 SW	C	7.9 NW
27	SW	7.2 SW	SE	9.4 SE
28	NW	3.6 NW	SE	7.2 SE
29	NW	7.2 NW	SE	9.4 SE
30	NW	7.2 S	SE	
31	SE	5.8 SE	C	5.0 SE
MES	NW	10.8 SE	SE	13.7 SW

AGOSTO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	3.6 NW	SE	5.8 SE
2	NW	7.2 NW	SE	5.8 SE
3	NW		C	
4	NW	5.0 W	SE	
5	V		C	
6	NW	5.0 W	SE	
7	SW		SE	
8	NW		SE	5.0 SE
9	V	8.6 NW	C	3.6 SE
10	NW	8.6 NW	SE	3.6 SE
11	NW	5.8 NW	SE	3.6 SE
12	SE	10.8 SE	SE	12.2 NW
13	NW	5.0 NW	SE	7.2 SW
14	NW	9.4 SE	SE	5.8 SE
15	V	7.2 SE	SE	5.8 S
16	NW		SE	3.6 SE
17	NW	7.2 NW	SE	3.6 SE
18	NW	3.6 NW	SE	7.2 SE
19	NW	5.0 NW	SE	7.2 NE
20	SE	9.4 SE	SE	5.8 SE
21	SW		SE	3.6 SE
22	SW	3.6 SW	SE	7.2 SE
23	NW	5.8 NW	SE	6.5 SE
24	NW	7.2 NW	SE	6.5 SE
25	NW	3.6 NW	SE	3.6 SE
26	NW	14.4 SE	SE	7.2 SE
27	NW		SE	7.2 SE
28	NW	7.2 NW	SE	7.2 SE
29	NW	7.2 NW	SE	7.2 SE
30	NW		SE	5.8 SE
31	NW		SE	3.6 SE
MES	NW	14.4 SE	SE	12.2 NW

Estación: Naranjal — Municipio: Chinchina — Año: 1977
Altitud : 1.370 metros — Latitud : 4 - 58 N — Longitud: 75 - 36 W

SEPTIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	3.6 V	SE	7.2 SE
2	NW		SE	6.5 SE
3	NW		SE	3.6 SE
4	NW	7.9 NW	SE	7.2 NE
5	NW	5.8 SE	SE	5.8 SE
6	NW	5.8 NW	SE	7.2 SE
7	NW	8.6 W	SE	7.2 SE
8	NW		SE	10.8 S
9	NW		SE	5.8 E
10	NW		SE	3.6 SE
11	NW		SE	5.0 SE
12	V	3.6 S	C	
13	NW	9.4 SE	C	
14	NW	5.4 W	SE	3.6 SE
15	NW	7.2 NW	SE	9.4 NE
16	NW	7.2 NW	SE	9.4 NE
17	SW	10.1 NW	SE	13.0 SW
18	SE	10.8 SE	V	10.1 NE
19	NW	10.1 W	SE	3.6 SE
20	SE	9.4 SW	SE	7.2 NE
21	SE	3.6 V	SE	7.2 SE
22	NW	9.4 SE	SE	
23	V	7.2 NW	SE	3.6 SE
24	SW	10.8 W	SE	
25	NW	3.6 NW	C	8.6 N
26	SE		SE	
27	SW	3.6 V	C	
28	C		SE	
29	SE	11.2 S	C	
30	SE	10.8 SE	SE	
31				
MES	NW	11.2 S	SE	13.0 SW

OCTUBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW		V	3.6 V
2	NW		SE	9.4 SE
3	NW	9.7 V	SE	5.8 V
4	NW	13.0 SE	SE	
5	SW	7.2 V	SE	
6	V	8.6 SE	SE	
7	NW	7.2 SW	SE	
8	NW		SE	
9	NW		SE	
10	NW	10.1 SE	SE	
11	NW	10.1 SE	C	
12	SE		SE	3.6 SE
13	NW	8.6 NW	SE	
14	NW	5.8 NW	SE	
15	SE	5.8 SE	SE	3.6 SE
16	NE	3.6 NW	SE	7.9 SE
17	V	9.4 SW	SE	
18	NW	9.7 W	SE	
19	NW		SE	10.4 NW
20	NW	10.1 SE	SE	10.4 NE
21	SE		SE	9.7 NW
22	V	9.7 NE	SE	3.6 SE
23	SW	8.6 SW	SE	12.2 NW
24	NW	3.6 W	SE	3.6 SE
25	NW	5.8 NW	SE	3.6 SE
26	C		SE	
27	NW	7.2 SE	SE	3.6 SE
28	NW	9.4 NW	C	
29	NW	7.2 NW	SE	4.3 SE
30	V	13.7 S	SE	
31	NW	7.2 V	SE	4.3 SE
MES	NW	13.7 S	SE	12.2 NW

NOVIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	13.0 SE	SE	
2	NW	10.8 V	SE	
3	NW	13.7 SE	SE	4.3 SE
4	SE	9.4 NW	SE	
5	SE	10.8 SE	SE	
6	NW	9.4 SE	SE	
7	SE	10.8 SE	C	
8	NW	5.8 S	SE	
9	NW	9.4 NW	SE	3.6 SE
10	SW	10.1 S	C	5.0 S
11	SW	12.2 S	S	11.5 S
12	NW	10.1 NW	C	7.2 S
13	NW	10.1 SW	C	8.6 SW
14	SW	10.8 W	S	10.1 S
15	NW	8.6 W	S	10.4 S
16	NW	9.4 NW	S	13.0 S
17	SW	10.1 N	C	7.2 SE
18	SW	9.4 SW	S	9.4 S
19	NW	9.7 V	S	7.2 S
20	NW	10.8 NE	SE	10.4 S
21	NW	9.4 NE	S	9.7 S
22	NW	10.1 S	S	10.8 S
23	NW	10.8 S	S	10.4 S
24	NW	7.2 NW	SE	12.2 SW
25	SW	7.9 SW	SE	10.8 SE
26	NW	7.9 SW	C	3.6 S
27	NW	10.4 NW	S	10.4 SE
28	NW	9.4 NW	S	10.8 S
29	NW	10.1 W	S	10.8 S
30	NW	11.5 NW	S	11.5 S
31				
MES	NW	13.7 SE	S	13.0 S

DICIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	15.8 S	S	10.1 SW
2	S	10.4 SW	C	10.1 NE
3	NW	10.4 NW	S	10.8 S
4	NW	9.7 NW	S	10.8 S
5	V	10.8 S	SE	13.3 SE
6	NW	11.5 S	SE	10.1 S
7	NW		S	
8	NW		SE	9.4 S
9	NW	13.7 NW	SE	10.1 S
10	NW	14.4 SE	SE	11.5 S
11	NW	11.2 S	SE	11.5 S
12	NW	13.7 S	S	9.4 S
13	NW	8.6 NW	SE	9.4 S
14	NW	13.3 S	S	10.4 S
15	NW	10.8 N	SE	7.9 S
16	SW	11.5 SW	S	9.4 S
17	NW	8.6 NW	S	10.1 S
18	NW	10.8 W	SE	8.6 S
19	NW	10.8 S	SE	12.2 NE
20	NW	11.5 NW	SE	7.2 SE
21	NW	8.6 NW	S	10.1 S
22	NW	10.8 NW	SE	8.6 S
23	NW	10.8 NW	S	10.1 SE
24	NE	9.4 SW	S	7.2 S
25	NW	8.6 NW	S	8.6 SE
26	V	8.6 V	SE	7.2 S
27	NW	7.2 NW	SE	12.2 N
28	NW	12.2 NW	SE	9.4 SW
29	NW	10.8 NW	SE	7.2 S
30	NW	12.2 NW	S	7.2 S
31	NW		SW	
MES	NW	15.8 S	SE	13.3 SE

Estación: La Florida — Municipio: Popayán — Año: 1977
Altitud : 1.850 metros — Latitud : 2 - 27 N — Longitud: 76 - 36 W

ENERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SW		SE	
2	SW	4.0 SW	SE	2.0 SE
3	NW	2.0 NW	SE	2.0 SE
4	V	5.0 SE	SE	3.0 SE
5	SW	3.0 SW	SE	3.0 SE
6	SW	3.0 SW	SE	2.0 SE
7	SW	3.0 SW	SE	2.0 SE
8	SW	2.0 SW	SE	2.0 SE
9	SW	2.0 SW	SE	2.0 SE
10	SW	4.0 SW	SE	2.0 SE
11	SW	2.0 SW	SE	2.0 SE
12	NW	2.0 NW	SE	3.0 SE
13	W	2.0 W	SE	2.0 SE
14	W	3.0 W	SE	2.0 SE
15	W	3.0 SW	SE	2.0 SE
16	NW	10.0 NW	SE	2.0 SE
17	W	3.0 NW	SE	2.0 SE
18	V	3.0 NW	SE	
19	W	6.0 NW	SE	1.0 SE
20	NW	2.0 NW	SE	1.0 SE
21	NW	1.0 NW	SE	2.0 SE
22	NW	7.0 NE	C	2.0 SE
23	NW	1.0 W	C	
24	NW	1.0 NE	SE	1.0 SE
25	NW	1.0 NW	C	
26	W	2.0 W	C	
27	NW	2.0 NW	SE	3.0 SE
28	NW	1.0 NE	C	
29	NW	2.0 V	SE	1.0 SE
30	NW	3.0 W	C	
31	NW	2.0 SW	C	1.0 SE
MES	NW	10.0 NW	SE	3.0 SE

FEBRERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1			SE	1.0 SE
2	NW	2.0 SW	SE	1.0 SE
3	NW	2.0 NW	SE	2.0 SE
4	W	2.0 W	SE	2.0 SE
5	NW	1.0 NW	SE	1.0 SE
6	NW	5.0 NW	SE	1.0 SE
7	W	2.0 W	SE	1.0 SE
8	SE	3.0 E	SE	2.0 SE
9	W	4.0 NW	SE	3.0 SW
10	V	2.0 W	SE	3.0 SE
11	NW	2.0 W	SE	
12	NW	1.0 NW	C	
13	SW	2.0 SW	SE	1.0 SE
14	V	2.0 V	SE	1.0 SE
15	NW	2.0 W	SE	
16	NW	3.0 NW	C	
17	NW	1.0 V	C	1.0 SE
18	NW	1.0 NW	C	
19	NW	2.0 NW	C	
20	SW	2.0 SW	C	
21	V	2.0 NW	SE	2.0 SE
22	SW	2.0 SW	SE	2.0 SE
23	SW	7.0 SW	SE	4.0 SE
24	SE	4.0 SE	SE	2.0 SE
25	V	3.0 NW	SE	1.0 SE
26	W	3.0 V	SE	3.0 SE
27	NW	3.0 SW	SE	3.0 SE
28	V	5.0 SE	SE	3.0 SE
29				
30				
31				
MES	NW	7.0 SW	SE	4.0 SE

MARZO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SW	4.0 SW	SE	3.0 SE
2	SW	9.0 SE	SE	3.0 SE
3	SE	26.0 SE	SE	16.0 SE
4	SE	30.0 SE	SE	5.0 SE
5	SE	25.0 SE	SE	5.0 SE
6	NE	15.0 SW	SE	4.0 SE
7	SE	30.0 SE	SE	5.0 SE
8	SE	27.0 SE	SE	12.0 SE
9	SE	24.0 E	E	10.0 NE
10	SE	20.0 E	SE	7.0 SE
11	V	24.0 SE	SE	5.0 SE
12	NW	5.0 SW	SE	5.0 SE
13	NW	10.0 SW	C	
14	NE	3.0 V	SE	2.0 SE
15	NW	5.0 SW	C	2.0 SE
16	SW	2.0 SW	SE	2.0 SE
17	SW	7.0 NE	C	2.0 SE
18	SW	4.0 V	C	
19	NE	2.0 NW	C	
20	V	2.0 SE	C	2.0 SE
21	SW	3.0 SW	C	2.0 SE
22	W	3.0 NE	C	
23	NW	1.0 NW	C	
24	SW	2.0 V	C	
25	SW	4.0 W	SE	
26	NW	7.0 SE	SE	3.0 SE
27	SW	5.0 SW	SE	3.0 SE
28	SW	3.0 SW	C	
29	SW		C	3.0 SW
30	NW	1.0 NW	SE	3.0 V
31	SW	4.0 SW	C	
MES	SW	30.0 SE	SE	16.0 SE

ABRIL

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	3.0 SW	C	
2	NW	4.0 SE	SE	1.0 SE
3	SW	9.0 SE	SE	
4	W	1.0 W	C	
5	V	3.0 NE	C	
6	NE	2.0 NE	C	
7	SW	3.0 SW	SE	2.0 SE
8	SW	2.0 SW	SE	1.0 SE
9	NW	1.0 W	SE	
10	SW	2.0 SW	V	
11	SW	3.0 SW	SE	
12	SW	5.0 NW	C	2.0 SE
13	SW	2.0 SW	SE	2.0 SE
14	SW	2.0 SW	C	
15				
16	V	3.0 SE	SE	2.0 SE
17	SW	3.0 SW	C	1.0 SE
18	SW	2.0 SW	SE	1.0 SE
19	SW	13.0 NE	SE	5.0 SE
20	SW	3.0 SW	SE	2.0 SE
21	SW		C	1.0 SE
22	SW	1.0 SW	C	
23	NE	1.0 NE	C	
24	NW	2.0 W	C	
25	SW	1.0 W	V	2.0 NW
26	W		V	
27	NW	17.0 NE	C	
28	NW	2.0 V	SE	2.0 SE
29	SW	3.0 SW	C	
30	SW	3.0 SW	C	
31				
MES	SW	17.0 NE	C	5.0 SE

Estación: La Florida **Municipio:** Popayán **Año:** 1977
Altitud : 1.850 Metros **Latitud :** 2 - 27 N **Longitud:** 76 - 35 W

MAYO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	3.0 NW	C	
2	SW	9.0 NW	C	
3	W	3.0 W	SE	
4	SW	4.0 W	V	
5	NW	2.0 NW	C	
6	SW	1.0 SW	SE	
7	W	2.0 W	SE	
8	W	3.0 W	C	
9	SW	2.0 SW	C	
10	NW	1.0 V	C	
11	W	1.0 V	SE	
12	NW	5.0 NW	SE	2.0 SE
13	SW	2.0 SW	SE	3.0 SE
14	SW	7.0 NW	C	
15	NW	2.0 NE	C	
16	SW	2.0 N	SE	
17	SW		SE	2.0 SE
18	NW	2.0 NW	SE	
19	SW	2.0 SW	SE	
20	SW	3.0 NE	SE	2.0 SE
21	V	1.0 V	C	
22	NW	2.0 W	SE	
23	NW	1.0 V	C	
24	NW	1.0 N	C	
25	C		C	
26	NW		SE	
27	SW		C	
28	SW		C	
29	N	2.0 NE	SE	2.0 SE
30	SW	2.0 SW	SE	2.0 SE
31	SW	1.0 SW	SE	2.0 SE
MES	SW	9.0 NW	SE	3.0 SE

JUNIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SW		C	
2	SE		C	
3	NW	7.0 SW	SE	2.0 SE
4	NW	1.0 V	SE	1.0 SE
5	NW	1.0 NE	SE	1.0 SE
6	SW	2.0 W	SE	2.0 SE
7	N		C	
8	NW		C	1.0 SE
9	NW	2.0 NW	SE	
10	N		SE	
11	V	3.0 W	V	2.0 SE
12	N	1.0 N	C	
13	V	2.0 SE	SE	
14	SW		SE	1.0 SE
15	V	2.0 V	SE	2.0 V
16	NW	9.0 NW	SE	14.0 SE
17	SE	23.0 SE	SE	3.0 SE
18	NW	20.0 SE	SE	4.0 SE
19			C	3.0 SE
20	NW	3.0 V	C	
21	NW	3.0 N	C	
22	NE	28.0 NE	SE	5.0 SE
23	NW	13.0 NE	SE	2.0 V
24	NW	4.0 NW	SE	6.0 SE
25	SE	29.0 SE	SE	6.0 SE
26	V	5.0 NW	SE	4.0 SE
27	NE	18.0 NE	SE	8.0 SE
28	SW	2.0 SW	SE	2.0 SE
29	V	2.0 V	C	
30	SW	2.0 SW	C	
31				
MES	NW	29.0 SE	SE	14.0 SE

JULIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NE	2.0 NE	C	
2	NW	4.0 SE	SE	2.0 SE
3	W	7.0 SE	SE	3.0 SE
4	NW	8.0 NE	SE	3.0 SE
5	NW	6.0 W	C	
6	NW	2.0 NW	C	
7	NW	2.0 NW	C	
8	NW	4.0 NW	SE	2.0 SE
9			SE	2.0 SE
10	NE	14.0 SE	SE	2.0 SE
11	SE	31.0 SE	SE	4.0 SE
12	SE	27.0 SE	SE	15.0 SE
13	SE	26.0 SE	SE	15.0 SE
14	SE	25.0 SE	SE	5.0 SE
15	V	15.0 E	SE	2.0 SW
16	SE	22.0 SE	SE	3.0 SE
17	SE	50.0 SE	SE	3.0 SE
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31	V	2.0 V	SE	2.0 SE
MES		50.0 SE	SE	15.0 SE

AGOSTO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	3.0 NW	SE	3.0 SE
2	SE	26.0 SE	SE	5.0 SE
3	V	20.0 NE	SE	3.0 SE
4	SW	4.0 NW	SE	3.0 SE
5	NW	3.0 NW	SE	3.0 SE
6	V	3.0 W	C	2.0 SE
7	NW	2.0 SW	C	3.0 SE
8	NW	3.0 N	SE	1.0 SE
9	NE	2.0 W	SE	1.0 SE
10	NE	2.0 V	SE	4.0 SE
11	NE	8.0 NW	SE	4.0 SE
12	NW	3.0 NE	SE	2.0 SE
13	SW	2.0 NW	SW	
14	V	3.0 NW	SE	2.0 SE
15	NW	2.0 NW	SE	2.0 SE
16	V	3.0 SW	SE	3.0 SE
17	SE	16.0 V	SE	5.0 SE
18	NW	3.0 NE	SE	4.0 SE
19	SW	4.0 V	C	3.0 SE
20	NE	7.0 SW	C	
21	N	4.0 V	SE	1.0 SE
22	SW	14.0 SE	SE	5.0 SE
23	SE	22.0 SE	SE	23.0 SE
24	SE	28.0 SE	SE	14.0 SE
25	SE	42.0 SE	SE	4.0 SE
26	SE	23.0 SE	SE	3.0 SE
27	SE	45.0 SE	SE	2.0 SE
28	SE	35.0 SE	SE	30.0 SE
29	NE	22.0 NE	SE	4.0 SE
30	SE	17.0 SE	SE	3.0 SE
31	SE	42.0 SE	SE	26.0 NE
MES	SE	45.0 SE	SE	30.0 SE

Estación: La Florida
Altitud : 1.850 metros

Municipio: Popayan
Latitud : 2 - 27 N

Año: 1977
Longitud: 76 - 35 W

SEPTIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SE	43.0 SE	SE	6.0 SE
2	SE	40.0 SE	SE	16.0 SE
3	NW	5.0 N	SE	3.0 SE
4	SE	27.0 SE	SE	4.0 SE
5	SE	23.0 SE	SE	48.0 SE
6	SE	49.0 SE	SE	11.0 SE
7	SE	48.0 SE	SE	5.0 E
8	NW	4.0 NW	SW	5.0 NE
9	SE	34.0 SE	SE	30.0 SE
10	SE	42 0 N	NE	13.0 SE
11	SE	38.0 SE	SE	5.0 SE
12	NE	20.0 NE	SE	3.0 SE
13	NW	4.0 NW	C	
14	SW	3.0 V	SE	2.0 SE
15	NW	3.0 NW	SE	1.0 SE
16	SE	32.0 SE	SE	7.0 SE
17	SW	3.0 NW	SE	3.0 SE
18	NW	7.0 NW	SE	3.0 SE
19	NW	10.0 SE	SE	7.0 SE
20	NW	5.0 NW	C	
21	NW	4.0 SW	C	
22	SW	2.0 W	SE	1.0 SE
23	NW	2.0 SE	SE	2.0 SE
24	SW	3.0 SW	C	
25	NE	2.0 NE	SW	
26	NW		C	
27	NW		C	
28	NW	5.0 SW	C	
29	NW		C	
30	V	3.0 SE	SE	
31				
MES	NW	49.0 SE	SE	48.0 SE

OCTUBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	1.0 V	C	
2	N	1.0 N	SE	1.0 SE
3	NW	1.0 V	SE	1.0 SW
4	SW	5.0 NE	SW	
5	NW	9.0 NE	SE	
6	NW	1.0 NW	C	
7	NE	2.0 W	SE	
8	SW	10.0 NE	E	3.0 SW
9	NE		C	
10	NW	2.0 SE	C	
11	V		C	
12	NW		C	
13	NE	1.0 W	C	
14	NW	3.0 SW	SE	
15	NW	4.0 SE	SE	
16	NW	8.0 SW	SE	
17	NW	2.0 NW	SE	
18	NW	6.0 NW	SE	1.0 SE
19	SW	2.0 SW	SE	
20	NE	1.0 NE	SE	1.0 SE
21	SE	23.0 SE	SE	2.0 SE
22	SW	5.0 SW	SE	2.0 SE
23	NW	11.0 SE	SE	1.0 SE
24	NE	3.0 SE	C	
25	NW		C	
26	SW	2.0 V	C	
27	V	2.0 SW	C	
28	SW	1.0 SW	NE	1.0 SE
29	SW	7.0 NW	C	1.0 SE
30	V	7.0 SW	SE	1.0 SE
31	SW	3.0 NW	SW	2.0 W
MES	NW	23.0 SE	SE	3.0 SW

NOVIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	V	2.0 NE	SE	
2	SW	3.0 N	V	2.0 SE
3	NW	3.0 SE	C	2.0 SE
4	SW	1.0 SE	C	
5	SW	1.0 SE	C	3.0 SW
6	W	1.0 W	SW	
7	SW	1.0 NE	SE	
8	NW	1.0 W	C	
9	NW	1.0 W	C	
10	N	9.0 NE	C	
11	NW	4.0 SW	C	
12	NW	2.0 NE	C	2.0 SW
13	SW	3.0 V	C	
14	SW	2.0 SW	SE	1.0 SE
15	NE	4.0 NE	C	
16	SW	4.0 NW	C	
17	NW	4.0 NW	SE	3.0 SW
18	NW	2.0 NW	C	
19	SW	2.0 NW	C	1.0 SE
20	NE	4.0 NE	C	1.0 SE
21	SW	7.0 NE	SE	2.0 SE
22	NW	2.0 NW	SE	
23	V	2.0 V	C	
24	SW	2.0 SW	C	
25	SW		C	
26	SW	1.0 SW	C	
27	SW	2.0 SW	SE	1.0 SE
28	SW	3.0 SW	SE	2.0 SE
29	SW	3.0 SW	SE	6.0 SE
30	SW	3.0 V	SE	2.0 SE
31				
MES	SW	9.0 NE	C	6.0 SE

DICIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SW	2.0 NE	C	
2	V	2.0 NE	C	
3	SE	4.0 S	SE	2.0 SE
4	NW	2.0 SW	SE	2.0 SE
5	SW	2.0 SW	SE	1.0 SE
6	SW	3.0 SW	SE	1.0 SE
7	SW	7.0 SW	C	2.0 SE
8	NW	4.0 SW	SE	2.0 SE
9	SW	3.0 V	SE	2.0 SE
10	SW	7.0 SW	C	3.0 SE
11	NW	5.0 SW	SE	2.0 V
12	SW	2.0 V	SE	1.0 SE
13	NE	4.0 NE	SE	1.0 SE
14	SW	13.0 NE	C	3.0 SE
15	SW	1.0 NE	C	2.0 SE
16	V	3.0 NW	C	2.0 SE
17	SW	3.0 NW	C	1.0 SE
18	SW	7.0 SW	SE	
19	SE	1.0 V	SE	
20	NW	3.0 SW	SE	3.0 SE
21	SW	3.0 SW	SE	2.0 SE
22	SW	3.0 SW	SE	1.0 SE
23	V	27.0 NE	SE	5.0 SE
24	SW	7.0 NW	SE	3.0 SE
25	SW	11.0 NW	SE	2.0 SE
26	SW	12.0 NW	SE	3.0 SE
27	NW	28.0 NE	SE	1.0 SE
28	NW	3.0 W	C	
29	C	9.0 SW	C	
30	NW	1.0 NW	C	
31	NW	2.0 V	C	
MES	SW	28.0 NE	SE	5.0 SE

Estación: Pueblo Bello **Municipio:** Pueblo Bello **Año:** 1977
Altitud : 1.000 metros **Latitud :** 10 - 22 N **Longitud:** 73 - 38 W

ENERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16	NE	33.0 NE	NW	7.0 NW
17	NE	8.0 NE	SW	
18	W			
19	NW	11.0 NE	NW	
20	NE	10.0 NE	NW	
21	NE	7.0 NE	SW	
22	NE	8.0 NE	SW	
23				
24	NE	5.0 NE	W	
25	NE	10.0 NE	NW	
26	NE	7.0 NE	SW	
27	NE	8.0 N	W	
28	NE		SW	
29	NE		SW	
30				
31	NE	8.0 NE	SW	
MES	NE	33.0 NE	SW	7.0 NW

FEBRERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1				
2				
3	NW	8.0 NW	SW	
4	NE	10.0 NE	SW	
5	NW	3.0 NW	W	
6				
7	N	10.0 NW	SW	
8	NW	7.0 NW	SW	
9	NW	7.0 NW	SW	
10	NW	7.0 NE	SW	
11	NE	7.0 NE	C	
12				
13				
14	NW	8.0 NW	C	
15	NE		W	
16	N		SW	
17				
18				
19	NW	10.0 NE	SW	
20	N	9.0 NW		
21	NE	10.0 NE	SW	
22	NW	6.0 NE	SW	
23	NW	9.0 NW	SW	
24				
25				
26				
27				
28	NW	7.0 NE		
29				
30				
31				
MES	NW	10.0 NE	SW	

MARZO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NE	8.0 NE	W	
2	NE	11.0 NE	NW	
3	NE	11.0 NE	NW	
4	NW	12.0 NW	SW	3.0 NW
5	NW		SW	
6				
7	NE	13.0 NE	SW	
8	NW	8.0 NW	SW	
9	NW	12.0 N	SW	5.0 NW
10	NE	8.0 NE	SW	
11	NE	10.0 NE	SW	
12	N	11.0 N	W	
13			NW	
14	NE	8.0 NE	W	
15	NW	11.0 NW	NW	
16	NW	18.0 NE	W	
17	NW	12.0 NW		
18				
19	NE	15.0 NE	NW	
20	NE	8.0 NE	SW	
21				
22	NW	7.0 N		
23				
24	NW	9.0 NW	SW	
25				
26				
27	NE	9.0	NE	
28	NE	10.0 NE		
29	NE	11.0 NE		
30				
31				
MES	NE	15.0 NE	SW	5.0 NW

ABRIL

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1				
2				
3				
4	NE	7.0 NW	SW	
5	NE	15.0 NE	NW	
6	NE	3.0 NE	NW	
7				
8				
9				
10				
11	NE	11.0 NE		
12	NE	8.0 N	NW	
13				
14	NE	7.0 V	NW	4.0 NW
15				
16				
17				
18	NE	8.0 NE	NW	
19	NE	7.0 NE	NW	4.0 NW
20	NE	15.0 NW	NW	
21	NE	9.0 NE		
22	NE	8.0 NE		
23				
24				
25	NE	10.0 NE	NW	
26	NE			
27	NE		NW	
28	NE		SW	
29				
30	NE		NW	
31				
MES	NE	15.0 NE	NW	4.0 NW

Estación: Pueblo Bello **Municipio:** Pueblo Bello **Año:** 1977
Altitud : 1.000 metros **Latitud :** 10 - 22 N **Longitud:** 73 - 38 W

MAYO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1				
2			SW	
3	NW	7.0 NW	W	5.0 NW
4	NE	3.0 NE	NW	
5	NE			
6				
7				
8				
9				
10	NE	23.0 NW	NW	17.0 NW
11	NE		NW	
12				
13	NE	8.0 NE	NW	
14				
15				
16	NE	3.0 NE	C	
17	NE		NW	
18	NE	6.0 NE	NW	
19	NE	13.0 NW	NW	
20	NE		NW	
21				
22				
23				
24				
25	NE		NW	
26	NE		NW	7.0 NE
27	NE			
28				
29				
30	NE		NW	
31	NE		NW	
MES	NE	23.0 NW	NW	17.0 NW

JUNIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NE			
2	NE		NW	
3				
4				
5				
6	NE			
7	NE		NW	
8	NE	4.0 NE	NW	
9				
10				
11				
12				
13	NE		NE	
14	NE		NW	
15	NE		NW	
16	NE			
17	NE		NW	
18	NE		NW	
19	NE		NW	
20	NE	7.0 NE	NW	
21	NE		SW	
22	NE		NW	
23	NE		NW	
24	NE			
25	NE		SW	
26	NE		SW	
27	NE		NW	
28	NE		NE	
29	N	9.0 N	NW	
30	N	4.0 NW	NW	
31				
MES	NE	9.0 N	NW	

JULIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NE	4.0 NE	SW	
2				
3				
4	NE	14.0 NE	SW	
5				
6	NE	7.0 N	NW	6.0 NW
7	N	12.0 SW	NW	2.0 N
8	●			
9				
10				
11	NW	11.0 NW	SW	
12	NW	7.0 N	SW	
13	N	15.0 NW	SW	
14				
15				
16				
17				
18	SW		SW	
19	NE	10.0 N	SW	
20	NW	10.0 NW		
21	NW	15.0 NW		
22	NW	6.0 NW	SW	
23	NE	9.0 NW		
24	NE	14.0 N	SW	
25	NW	15.0 NW	SW	11.0 N
26	NE	10.0 NE	NW	
27	NE	8.0 NE		
28	NE	24.0 NE	SW	
29				
30				
31				
MES	NE	24.0 NE	SW	11.0 N

AGOSTO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)

Estación: Granja Tibacuy **Municipio:** Tibacuy **Año:** 1977
Altitud : 1.550 metros **Latitud :** 4 - 21 N **Longitud:** 74 - 25 W

ENERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SE	1.0 SE	NW	
2	SE	2.0 SE	NW	
3	SE	2.0 SE	SW	
4	SE	5.0 SE	NW	
5	SE	3.0 SE	NW	
6	SE	6.0 SE	NW	
7	SE	3.0 SE	SW	
8	SE	3.0 SE	NW	
9	SE	4.0 SE	SW	
10	SE	4.0 SW	SW	
11	SE	4.0 SW	NW	
12	SE	2.0 SE	SW	
13	SE	6.0 SE	SW	
14	SE	5.0 SE	SW	
15	SE	2.0 SE	SW	
16	SE	7.0 SE	NW	
17	SE	2.0 SE	SW	
18	SE	6.0 SE	SW	
19	SE	3.0 SE	C	
20	SE	5.0 SE	SW	
21	SE	5.0 SE	SW	
22	SE	5.0 SE	SW	
23	SE	5.0 SE	SW	
24	SE	2.0 SE	SW	
25	SE	3.0 SE	C	1.0 SE
26	SE	2.0 SE	SW	
27	SE	3.0 SE	NW	
28	SE	5.0 SE	SW	
29	SE	5.0 SE	SW	
30	SE	6.0 NW	SW	
31	SE	1.0 SE	SW	
MES	SE	7.0 SE	SW	1.0 SE

FEBRERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SE	1.0 V	C	
2	SE	6.0 SE	SW	
3	SE	2.0 SE	SW	
4	SE	5.0 SE	SW	
5	SE	6.0 SE	SW	
6	SE	4.0 SE	SW	
7	V		SW	
8	SE	3.0 SE	NW	
9	SW	7.0 SW	NW	
10	SW	4.0 V	W	
11	SE	3.0 SE	SW	
12	SE		SW	
13	SE	5.0 SE	NW	
14	SE	5.0 SE	SW	
15	SE	4.0 SE	NW	
16	SE	5.0 SE	NW	
17	SE	5.0 SE	SW	
18	SE	6.0 SE	SW	
19	SE	5.0 SE	SW	
20	SE	6.0 SE	SW	
21	SE	5.0 SE	NW	
22	SE	4.0 SE	NW	
23	SE	4.0 SE	NW	
24	SE	8.0 SE	SW	
25	SE	6.0 SE	NW	
26	SE	7.0 SE	NW	
27	SE	3.0 SE	NW	
28	SE	4.0 SE	SW	
29				
30				
31				
MES	SE	8.0 SE	SW	

MARZO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SE	4.0 SE	NW	
2	SE	4.0 SE	NW	
3	SE	7.0 NW	NW	
4	V	4.0 SE	NW	
5	SE	4.0 SE	NW	
6	NW	3.0 SE	NW	
7	SE	7.0 SE	NW	
8	SE	5.0 SE	NW	
9	SE	1.0 SE	NW	
10	SE	4.0 SE	NW	
11	SW	5.0 SE	NW	
12	SE	7.0 SE	NW	
13	SE	7.0 SE	SW	
14	SE	8.0 SE	SW	
15	SE	6.0 SE	SW	
16	SE		SW	
17	SE	3.0 SE	C	
18	SE	5.0 SE	SW	
19	SE	3.0 V	SW	
20	SE	5.0 SE	NW	
21	SE	5.0 SE	NW	
22	SE	3.0 SE	SW	
23	SE	4.0 SE	SW	
24	SE	3.0 SE	C	2.0 SW
25	SE	2.0 SE	NW	
26	SE	2.0 SE	NW	
27	SE	3.0 SE	NW	
28	SE		C	
29	SE	1.0 SE	NW	
30	SE	2.0 SE	C	
31	SE	4.0 SE	C	
MES	SE	8.0 SE	NW	2.0 SW

ABRIL

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SE		C	
2	SE	1.0 SE	NW	
3	SE	4.0 SE	C	
4	SE	1.0 SE	C	
5	SE	2.0 SE	C	7.0 NW
6	SE	2.0 SE	C	
7	SE	1.0 SE	C	
8	SE	2.0 SE	C	
9	SE	3.0 SE	SW	●
10	SE		NW	
11	SE	1.0 SE	C	
12	SE	2.0 SE	NW	
13	SE	3.0 SE	SW	
14	SE	3.0 SE	SW	
15	SE	4.0 SE	NW	1.0 NW
16	SE	2.0 SE	NW	
17	SE	1.0 SE	NW	
18	SE	4.0 SE	NW	
19	SE	4.0 SE	NW	1.0 NW
20	SE	4.0 SE	NW	
21	SE	2.0 SE	NW	
22	SE	2.0 SE	C	1.0 SE
23	SE		C	
24	SE	1.0 SE	C	
25	SE	2.0 SE	C	
26	SE	1.0 SE	C	
27	SE	1.0 SE	C	
28	SE		NW	
29	SE	1.0 SE	C	
30	SE		SW	
31				
MES	SE	4.0 SE	C	7.0 NW

Estación: Granja Tibacuy
Altitud : 1.550 metros

Municipio: Tibacuy
Latitud : 4 - 21 N

Año: 1977
Longitud: 74 - 25 W

MAYO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SE	1.0 SE	C	
2	SE		C	
3	SE	2.0 SE	NW	
4	SE	1.0 SE	NW	
5	SE		C	
6	SE		NW	
7	SE	2.0 SE	C	
8	SE		NW	
9	SE	1.0 SE	NW	
10	SE		C	
11	SE		C	
12	SE	1.0 SE	NW	
13	SE		NW	
14	SE		C	
15	V		C	
16	SE		C	
17	SE	2.0 SE	NW	
18	SE		NW	
19	SE	2.0 SE	NW	
20	SE	2.0 SE	SW	
21	SE		NW	
22	SE	1.0 SE	NW	
23	V		NW	1.0 SW
24	SE		SW	
25	SE	1.0 SE	NW	
26	SE	1.0 S	NW	
27	NE		C	
28	SE		NW	
29	SE	1.0 SE	NW	
30	SE		NW	
31	SE		NW	
MES	SE	2.0 SE	NW	1.0 SW

JUNIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SE		SW	
2	SE	1.0 SE	NW	
3	SE	1.0 SE	NW	
4	SE		NW	
5	SE	2.0 SE	NW	
6	SE	2.0 SE	NW	
7	SE		C	
8	SE		NW	
9	SE	1.0 SE	NW	
10	SE	1.0 SE	NW	
11	SE	4.0 SE	NW	
12	SE		C	
13	SE	1.0 SE	NW	
14	SE		NW	
15	SE	1.0 SE	NW	
16	SE	1.0 SE	C	
17	SE	1.0 SE	NW	
18	SE	1.0 SE	NW	
19	SE	1.0 SE	NW	
20	SE	3.0 SE	NW	
21	SE	2.0 SE	NW	
22	SE	2.0 SE	NW	
23	SE	2.0 SE	NW	
24	SE	1.0 SE	NW	
25	SE	1.0 SE	NW	
26	SE	1.0 SE	W	
27	NW	2.0 SE	NW	
28	SE	5.0 SE	NW	
29	V	2.0 SE	NW	
30	SE	1.0 SE	C	
31				
MES	SE	5.0 SE	NW	

JULIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SE	1.0 SE	NW	
2	SE	2.0 SE	NW	
3	SE	3.0 SE	NW	
4	SE	2.0 SE	NW	
5	SE	3.0 SE	NW	
6	SE	2.0 SE	SW	
7	SE		NW	
8	SE		NW	
9	SE	1.0 SE	V	
10	SE	1.0 SE	NW	
11	SE		NW	
12	SE	3.0 SE	NW	
13	SE	1.0 SE	NW	
14	SE	3.0 SE	NW	
15	SE	1.0 SE	NW	
16	V		C	
17	SE	2.0 SE	NW	
18	SE		NW	
19	SE	1.0 SE	NW	
20	SE	4.0 SE	NW	
21	SE	7.0 SW	NW	
22	SW	3.0 SW	NW	
23	SE	3.0 SE	NW	
24	SW	3.0 SE	NW	
25	SE	2.0 SE	NW	
26	SE	2.0 SE	SW	
27	SE	1.0 SE	SW	
28	SE	1.0 SE	SW	
29	SE	3.0 SE	NW	
30	SE	2.0 SE	NW	
31	SE	3.0 SE	SW	
MES	SE	7.0 SW	NW	

AGOSTO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SE		SW	
2	SE	1.0 SE	NW	
3	SE	2.0 SE	NW	
4	SE	3.0 SE	NW	
5	SE	2.0 SE	C	
6	SE	3.0 SE	NW	
7	SE	3.0 SE	C	
8	SE	1.0 SE	NW	
9	SE	3.0 SE	NW	
10	SE	1.0 SE	NW	
11	SE		NW	
12	SE	3.0 SE	V	
13	SE	3.0 SE	NW	
14	SE	2.0 SE	SW	
15	SE	3.0 SE	SW	
16				
17	SE	4.0 SE	SW	
18	NW	4.0 SE	NW	
19	SE	4.0 SE	C	
20	SE	2.0 SE	NW	
21	SE	2.0 SE	NW	
22	SE	2.0 SE	NW	
23	SE	4.0 SE	NW	
24	SE	7.0 SE	NW	
25	SE	3.0 SE	NW	
26	NW	3.0 SE	NW	
27	SE	2.0 SE	NW	
28	SE	3.0 SE	SW	
29	SE	1.0 SE	NW	
30	SE	4.0 SE	NW	
31	SE	3.0 SE	NW	
MES	SE	7.0 SE	NW	

Estación: Granja Tibacuy **Municipio:** Tibacuy **Año:** 1977
Altitud : 1.550 metros **Latitud :** 4 - 21 N **Longitud:** 74 -25 W

SEPTIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SE	1.0 SE	NW	
2	SE	1.0 SE	NW	
3	SE	3.0 SE	NW	
4	SE	4.0 SE	NW	
5	SE	7.0 SE	NW	
6	SE	1.0 SE	NW	
7	SE	3.0 SE	NW	
8	SE	3.0 SE	NW	
9	SE	4.0 SE	NW	
10	SE	2.0 SE	NW	
11	SE	4.0 SE	SW	
12	SE	5.0 SE	C	
13	SE	2.0 SE	C	
14	SE	6.0 SE	NW	
15	SE	7.0 SE	SW	
16	SE	4.0 SE	NW	
17	SE	3.0 SE	NW	
18	SE	4.0 SE	NW	1.0 SW
19	SE	3.0 SE	NW	
20	SE	4.0 SE	SW	1.0 SW
21	SE		NW	
22	SE	1.0 SE	NW	
23	SE	1.0 SE	SW	
24	SE	4.0 SE	NW	
25	SE	2.0 SE	NW	
26	SE	1.0 SE	C	
27	SE		C	
28	SE	1.0 SE	C	
29	SE	1.0 SE	NW	
30	SE	4.0 SE		
31				
MES	SE	7.0 SE	NW	1.0 SW

OCTUBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SE	1.0 SE	C	
2	SE	2.0 SE	NW	
3	SE	4.0 SE	SW	
4	SE	3.0 SE	NW	3.0 NW
5	SE	4.0 SE	C	
6	SE	3.0 SE	NW	
7	SE	3.0 SE	NW	
8	SE	3.0 SE	C	
9	SE	2.0 SE	C	
10	SE	1.0 SE	NW	
11	SE		C	
12	SE		NW	
13	SE		NW	
14	SE		NW	
15	SE	2.0 SE	C	
16	SE		NW	
17	SE	2.0 SE	NW	
18	SE		C	
19	SE	2.0 SE	C	
20	SE	3.0 SE	C	
21	SE	2.0 SE	NW	
22	SE	4.0 SE	SW	
23	SE	4.0 SE	NW	
24	SE	4.0 SE	NW	
25	SE	4.0 SE	NW	
26	SE		NW	
27	SE	3.0 SE	C	
28	SE	2.0 SE	NW	
29	SE	2.0 SE	C	
30	SE		NW	
31	SE	3.0 SE	C	
MES	SE	4.0 SE	NW	3.0 NW

NOVIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	V		SW	
2	SE	3.0 SE	V	
3	SE	2.0 SE	NW	
4	SE	1.0 NW	NW	
5	SE	2.0 SE	SW	
6	SE	2.0 SE	V	
7	SE	1.0 SE	NW	
8	SE		C	
9	SE	1.0 SE	C	
10	SE		NW	
11	NE		NW	
12	SE		NW	
13	SE		C	
14	SE		NW	
15	SE		C	
16	SE	2.0 SE	NW	
17	SE	1.0 SE	NW	
18	SE	1.0 SE	SW	
19	SE	1.0 SE	C	
20	SE	2.0 SE	V	
21	SE	1.0 SE	NW	
22	SE	5.0 SE	NW	
23	SE	1.0 SE	SW	
24	SE	3.0 SE	NW	
25	SE	3.0 SE	NW	
26	SE	3.0 SE	SW	
27	SE	3.0 SE	NW	
28	SE	4.0 SE	SW	
29	SE	5.0 SE	NW	
30	SE	4.0 SE	SW	
31				
MES	SE	5.0 SE	NW	

DICIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SE	4.0 SE	SW	
2	SE	2.0 SE	SW	
3	SE	3.0 SE	SW	
4	SE	3.0 SE	SW	
5	SE	3.0 SE	SW	
6	SE	3.0 SE	SW	
7	SE	5.0 SE	SW	
8	SE	2.0 SE	SW	
9	SE	3.0 SE	SW	1.0 SE
10	SE	2.0 SE	SW	
11	SE	3.0 SE	SW	
12	SE	3.0 SE	SW	
13	SE	4.0 SE	SW	
14	SE	5.0 SE	C	
15	SE	4.0 SE	C	
16	SE	5.0 SE	SW	
17	SE	6.0 SE	SW	
18	SE	4.0 SE	SW	
19	SE	3.0 SE	SW	
20	SE	4.0 SE	SW	
21	SE	6.0 SE	SW	
22	SE	3.0 SE	SW	
23	SE	3.0 SE	SW	
24	SE	3.0 SE	SW	
25	SE	4.0 SE	SW	
26	SE	4.0 SE	SW	
27	SE	4.0 SE	SW	
28	SE		SW	
29	V	1.0 NE	C	
30	SE	3.0 SE	NW	
31	SE	3.0 SE	SW	
MES	SE	6.0 SE	SW	1.0 SE

Estación: Ospina Pérez **Municipio:** Consacá **Año:** 1977
Altitud : 1.700 metros **Latitud** : 1 - 16 N **Longitud:** 77 - 28 W

ENERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SW		NE	
2	SW		NE	
3	SW	2.0 SW	NE	
4	SW		NE	
5	SW	12.0 SW	NE	
6	SW	14.0 NW	NE	
7	SW		V	
8	SW		SW	
9	SW	4.0 SW	SW	
10	NW	3.0 SE	SW	
11	V	3.0 NE	E	
12	SW	6.0 SW	E	
13	SW	9.0 SW	E	
14	SW	7.0 SW	E	
15	SW	5.0 SW	NE	
16	SW	6.0 SW	NE	
17	SW	2.0 W	E	
18	NW	6.0 NE	SW	2.0 SE
19	NW	2.0 W	NE	
20	NW	4.0 SW	SW	1.0 SW
21	NW	5.0 NW	SW	
22	NW	9.0 NE	SW	
23	V	7.0 V	SW	
24	SW	4.0 NE	NE	
25	NW	3.0 V	NE	
26	SW	5.0 SW	SW	
27	V	3.0 V	NE	
28	NW	4.0 N	SW	
29	NW	3.0 V	NE	
30	V	4.0 NE	SW	
31	SW	3.0 SW	E	
MES	SW	14.0 NW	NE	2.0 SE

FEBRERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SW	3.0 NE	NE	
2	SW	3.0 SW	SW	
3	SW	4.0 SW	V	
4	SW	7.0 N	NE	
5	SW	4.0 SW	V	
6	V		V	
7	SW		NE	
8	SW	12.0 SE	SE	
9	SW	5.0 NW	NE	
10			NE	
11	SW		NE	
12	NW		SW	
13	NW		SW	
14	SW	3.0 SW	NE	
15	NW		NE	
16	SW		NE	
17	NW		NE	
18	SW		SW	
19	SW		SW	
20	SW	3.0 NE	NE	
21	SW		NE	
22	SW		NE	
23	SW		NE	
24	NE	7.0 NE	NE	
25	NE	6.0 SW	NE	
26	SW	7.0 SW	NE	
27	SW	1.0 SW	NE	
28	SW	13.0 SW	NE	1.0 V
29				
30				
31				
MES	SW	13.0 SW	NE	1.0 V

MARZO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	5.0 SW	NE	
2	NW	6.0 SW	SE	
3	SW	27.0 SW	V	
4	SW	18.0 SW	NE	
5	NW	19.0 SW	SE	1.0 SE
6	NW	17.0 SW	SE	6.0 SE
7	SW	27.0 SW	SE	25.0 SE
8	SE	20.0 SW	SE	
9	SE	11.0 SE	SE	
10	SE	22.0 SE	NE	14.0 SE
11	SW	27.0 SW	NE	
12	SW	6.0 SW	NE	
13	V	8.0 SW	SW	
14	SW	7.0 N	NE	
15	SW	8.0 NE	NE	
16	SW	7.0 SW	NE	
17	SW	7.0 NE	V	
18	NW	5.0 NW	NE	
19	NW	4.0 NE	V	
20	NW	3.0 N	NE	
21	SW	7.0 NE	V	
22	NW	2.0 NE	NE	1.0 NE
23	NW		SW	
24	NW	4.0 SW	V	
25	SW		NE	
26	SW	3.0 SW	NE	
27	SW	6.0 SW	SW	
28	NW	2.0 NE	NE	
29	NW	3.0 NE	NE	2.0 SW
30	NW	3.0 NE	NE	
31	SW	4.0 SW	NE	2.0 NE
MES	SW	27.0 SW	NE	25.0 SE

ABRIL

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SW	4.0 SW	NE	
2	NW	4.0 NW	NE	
3	NW	7.0 SW	SW	
4	SW	3.0 SW	V	
5	V	20.0 SW	NE	
6	NW	3.0 NE	NE	7.0 SE
7	SW		V	
8	V	1.0 V	V	
9	NW	2.0 SW	NE	
10	NW	2.0 SW	V	
11	SW		NE	
12	SW		V	
13	SW	3.0 SW	NE	
14	NW		V	
15	NW	3.0 SE	SE	
16	SW	7.0 SW	NE	
17	SW	3.0 SW	NE	
18	SW		SW	2.0 SE
19	SW	7.0 SW	SE	1.0 SE
20	NW	6.0 NW	SE	
21	NW	1.0 NW	E	
22	NE	3.0 NE	SE	
23	NW		V	
24	NW		SE	
25	NW	2.0 NW	SW	
26	NW	1.0 NW	SE	
27	NW	2.0 NW	SE	
28	NW	2.0 NW	SW	
29	NW	1.0 NW	SE	
30	NW	3.0 NW	SE	
31				
MES	NW	20.0 SW	NE	7.0 SE

Estación: Ospina Pérez | Municipio: Consacá | Año: 1977
Altitud : 1.700 metros | Latitud : 1 - 16 N | Longitud: 77 - 28 W

MAYO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	3.0 NE	SE	
2	NW	4.0 NW	SE	
3	NW	4.0 NW	SE	
4	NW	5.0 W	SE	3.0 SE
5	NW	1.0 NW	SE	
6	NW	1.0 NW	SE	
7	NW		SE	
8	NW		SW	
9	NW		SE	
10	NW		SW	
11	NW		NW	
12	NW	1.0 NW	SE	
13	NW	1.0 NW	SE	
14	NW	1.0 NW	SW	
15	NW		SW	
16	NW	2.0 NW	SE	3.0 SE
17	SW		SE	
18	NW	2.0 NW	SE	
19	NW	3.0 NW	SE	
20	NW	4.0 NW	SE	1.0 W
21	NW	3.0 NW	SE	
22	NW	1.0 NW	SE	
23	NW		SE	
24	NW	1.0 NW	SE	
25	NW	1.0 NW	SE	
26	NW	1.0 NW	SE	
27	SW	4.0 SE	SW	
28	NW		NW	
29	NW	1.0 NW	SE	
30	NW		SE	
31	NW	2.0 W	SE	
MES	NW	5.0 W	SE	3.0 SE

JUNIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	3.0 NW	SW	
2	NW	1.0 V	SW	
3	NW	2.0 NW	SE	
4	NW	2.0 NW	SE	
5	NW	2.0 NW	SE	
6	NW	1.0 NW	SE	
7	NW		SW	
8	NW		SE	
9	NW		SE	
10	NW		SE	
11			SE	
12	NW		SE	
13	NW	1.0 N	SE	
14	NW		SE	
15	SW	5.0 SW	SE	
16	SW	8.0 NW	SE	
17	SW	14.0 NW	SE	7.0 SW
18	SW	18.0 NW	SE	
19	NW	3.0 NW	SE	
20	NW		SW	
21	V		SE	
22	NW	7.0 NW	SE	3.0 SE
23	NW	2.0 NW	SE	
24	NW	2.0 NE	SE	
25	NW		SE	
26	V	8.0 NW	SE	
27	NW	27.0 NW	SW	7.0 SW
28	SW	21.0 NW	SE	
29	NW		SW	
30	NW		SW	
31				
MES	NW	27.0 NW	SE	7.0 SW

JULIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NE	1.0 NE	SE	
2	NW	3.0 NW	V	9.0 SW
3	NW	10.0 NW	SE	
4	NW	10.0 NW	SE	
5	NW	1.0 NW	SW	
6	NW		SW	
7	NW	1.0 NW	SE	
8	NW		SE	
9	NW	1.0 NW	SE	
10	SW	8.0 SW	SE	
11	SW	15.0 NW		
12	SW	13.0 SW	SE	8.0 SW
13	SW	16.0 SW	SE	2.0 SE
14	NW	4.0 NW	SW	
15	NW		SE	
16	NW		SE	
17	SW	33.0 SW	SE	8.0 SE
18	SW	38.0 NW	SE	3.0 SE
19	NW	9.0 SW	SE	1.0 SE
20	NW	3.0 NW	SE	
21	SW	22.0 SW	SW	8.0 SE
22	SW	22.0 SW	SE	1.0 SE
23	NW	2.0 NW	SE	1.0 SE
24	V	17.0 SW	SE	2.0 SE
25	NW	2.0 NW	SE	
26	NW	4.0 NE	SW	
27	NW	2.0 NW	SE	
28	SW	13.0 SW	SW	35.0 SW
29	SW	16.0 SW	SE	5.0 SE
30	SW	15.0 SW	SE	
31	NW	2.0 V	SW	
MES	NW	38.0 NW	SE	35.0 SW

AGOSTO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	2.0 NW	SE	2.0 NE
2	V	17.0 NE	SE	4.0 SE
3	V	4.0 SW	SE	
4	NW	4.0 NW	SE	
5	NW	2.0 NW	SE	
6	NW	4.0 NW	V	
7	NW	2.0 NE	SW	
8	SE	4.0 SE	SE	
9				
10	NW	5.0 NW	SE	
11	NW	4.0 NW	SE	
12	NW	5.0 V	NW	
13	NE	3.0 NE	SE	
14	NW	7.0 NE	SE	
15	NE		SE	
16	NW		SE	
17	NW	4.0 NW	SE	
18	NW	2.0 NW	SE	
19	NW	5.0 NW	SW	
20	NW	3.0 V	SE	
21	NW	1.0 NW	SE	
22	NW	15.0 NW	SE	7.0 SW
23	SW	43.0 NW	SE	18.0 SW
24	SW	30.0 SW	SE	3.0 SW
25	SW	17.0 SW	SE	2.0 V
26	NW	15.0 NE	SE	1.0 SW
27	NW	13.0 SW	SE	
28	V	18.0 NW	SE	3.0 SW
29	SW	14.0 SW	SE	
30	SW	17.0 SW	SE	11.0 SW
31	SW	30.0 SW	SE	
MES	NW	43.0 NW	SE	18.0 SW

Estación: Ospina Pérez **Municipio:** Consacá **Año:** 1977
Altitud : 1.700 metros **Latitud** : 1 - 16 N **Longitud:** 77 - 28 W

SEPTIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SW	17.0 NW	SW	2.0 SW
2	SW	13.0 SW	SE	1.0 SW
3	NW	22.0 NE	SE	
4	NW	10.0 NW	SE	
5	SW	23.0 SW	SW	9.0 SW
6	SW	26.0 SW	SW	13.0 SW
7	SW	27.0 SW	SE	8.0 SE
8	SW	16.0 SW	SE	4.0 SE
9	SW	17.0 SW	SE	12.0 SW
10	SW	23.0 SW	SW	5.0 SW
11	SW	18.0 SW	SE	
12	NW	16.0 NW	SW	
13	NW	7.0 NW	SW	
14	NW	7.0 NE	SE	
15	SW	28.0 SW	SE	3.0 SW
16	SW	33.0 SW	SE	
17	NW	3.0 NW	SE	
18	NW	3.0 NW	SE	
19	NE	5.0 NE	SW	
20	NW	4.0 NE	SW	
21	NW	3.0 V	SE	3.0 NE
22	NW	6.0 NW	SE	
23	NW	2.0 NW	SE	
24	NW	4.0 NE	SW	
25	NW	1.0 V	SE	
26	NW	1.0 NE	W	
27	NW	3.0 V	NE	
28	NW	2.0 NW	SW	
29	NW	3.0 NW	SE	
30	NW	5.0 NE	SE	2.0 NE
31				
MES	NW	33.0 SW	SE	13.0 SW

OCTUBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	4.0 NW	SW	
2	NW	3.0 NE	SE	
3	NW	2.0 NE	NW	
4	NW	7.0 SW	SE	
5	NW	3.0 NW	SW	
6	NW	3.0 V	NW	
7	NE	2.0 NE	SE	
8	NW	4.0 NE	SW	
9	NW	3.0 NE	SE	
10	NW	4.0 NW	SE	
11	NW	1.0 NW	V	
12	NW	3.0 NW	SE	
13	NW	2.0 NE	NW	
14	NW		SE	
15	NW	1.0 NW	SW	
16	NW	2.0 NW	SE	
17	NW	3.0 NW	NE	
18	NW	3.0 NW	SE	
19	NW	3.0 NW	SE	
20	NW	17.0 NW	SE	
21	NW	13.0 NW	SE	
22	NW	1.0 NW	SE	1.0 SE
23	NW	5.0 NW	SW	1.0 NW
24	NW	1.0 V	SE	
25	NW	2.0 NE	NW	1.0 NE
26	NW		SE	
27	NW		SE	
28	NW	3.0 NW	SE	2.0 SE
29	NW	3.0 NW	NW	
30	NW	2.0 NE	SE	
31	NW	3.0 NW	NW	
MES	NW	17.0 NW	SE	2.0 SE

NOVIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	3.0 NW	NW	
2	NW	6.0 NW	SW	2.0 SE
3	NW	3.0 NW	SW	
4	NW	2.0 NW	SE	
5	NW	2.0 NW	V	
6	NW	3.0 NE	NW	
7	NW	2.0 NW	SE	
8	● NW	3.0 NW	SE	
9	NW	3.0 NW	SE	
10	NW	5.0 NW	SE	
11	NW	4.0 NW	V	
12	NE	7.0 NE	V	
13	NW	3.0 NW	C	
14	NW	3.0 NW	SW	
15	NW	3.0 NW	SW	
16	NW	3.0 NW	NW	
17	NW	1.0 NE	NW	
18	NW		NE	
19	NW	3.0 NE	SW	
20				
21				
22				
23				
24				
25	NW	2.0 SW	SW	
26	NW		SW	
27	NW		SE	
28	NW		V	
29	NW		SE	
30	NW		SW	
31				
MES	NW	7.0 NE	SW	2.0 SE

DICIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW		SW	
2	NW		SE	
3	NW		SE	
4	NW		SE	
5	NW		SE	
6	NW		SW	
7	NW		SE	
8	NW		SE	
9	NW		SE	
10	NW		SW	
11	NW	2.0 NW	V	3.0 NW
12	NW	3.0 NE	V	
13	NW		SE	
14	NW	1.0 V	SE	
15	NW	2.0 NW	SW	
16			SW	
17	NW	3.0 NW	SE	
18	NW	3.0 NW	SW	
19	NW	3.0 V	SW	2.0 NE
20	NW	2.0 NW	SE	
21	NW	1.0 NW	SE	
22	V		SE	
23	V		SE	1.0 V
24	NW	1.0 NW	SE	
25	NW	2.0 NW	SE	
26	NW	7.0 NW	SW	1.0 SW
27	NE	2.0 NE	V	
28	NW	3.0 NE	SE	
29	NW	1.0 NE	SW	
30	NW	2.0 NW	SW	
31	NW	2.0 NW	SW	
MES	NW	7.0 NW	SE	3.0 NW

Estación: Paraguaicito **Municipio:** Pijao **Año:** 1977
Altitud : 1.250 metros **Latitud** : 4 - 24 N **Longitud:** 75 - 43 W

ENERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11	NW	17.3 NW	C	10.4 SW
12	NW	17.3 NW	C	13.7 SW
13	NW	16.9 SW	C	18.0 SW
14	NW	20.5 NW	C	10.1 SW
15	NW	20.5 NW	C	20.9 SW
16	NW	18.7 NW	C	13.7 NW
17	V	22.3 W	C	13.3 NW
18	NW	16.6 V	C	12.2 SW
19	SW	20.2 NW	C	19.4 SW
20	SW	17.6 SW	C	9.4 NW
21	SW	14.4 SW	C	9.4 SW
22	SW	36.0 SE	C	9.4 NE
23	SW	24.8 SW	C	8.6 NW
24	NE	21.6 N	C	8.6 N
25	SW	20.5 SW	C	8.6 S
26	SW	18.0 SW	C	16.2 SW
27	SW	15.8 W	C	10.4 SW
28	SW	17.3 SW	C	19.4 SW
29	SW	23.0 SW	C	14.4 NW
30	SW	30.2 SW	C	7.9 SW
31	V	18.0 SW	C	18.0 SW
MES	SW	36.0 SE	C	20.9 SW

FEBRERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SW	29.5 N		31.7 NW
2	SW	14.4 S	C	13.0 SW
3	SW	27.4 SW	C	11.5 SW
4	SW	19.8 SW	C	14.4 SW
5	SW	24.8 SW	C	15.8 S
6	SW	19.8 SW	C	14.4 SW
7	V	14.4 NE	C	10.8 E
8	SW	20.2 SW	C	10.1 N
9	SW	18.0 W	C	9.7 SW
10	SW	20.5 SW	C	14.0 SW
11	SW	19.4 SW	C	21.6 NW
12	SW	17.3 NW	C	
13	SW	17.6 SW	C	19.4 SW
14	SW	20.2 SW	C	10.1 NE
15	SW	20.5 SW	C	9.7 SW
16	SW	15.8 SW	C	8.6 SW
17	SW	14.4 N	C	13.7 SW
18	SW	16.9 SW	C	26.6 NW
19	SW	25.9 SW	C	9.7 N
20	NE	29.5 SE	C	15.8 N
21	V	30.2 SE	C	28.8 SE
22	NE	13.7 NE	C	18.0 SW
23	SW	38.9 SE	C	32.4 SE
24	SW	23.0 SE	C	9.4 SW
25	V	18.0 NW	C	8.6 SW
26	SW	18.7 SW	C	7.2 SW
27	SW	25.9 SW	C	8.6 N
28	C	15.1 SW	C	7.2 NE
29				
30				
31				
MES	SW	38.9 SE	C	32.4 SE

MARZO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SW	15.8 SW	C	15.1 SW
2	SW	23.0 SW	C	18.7 SW
3	SW	19.8 SW	C	10.8 NE
4	SW	17.6 SW	C	10.4 SW
5	SE	33.1 NE	C	17.3 SE
6	SW	20.9 SW	C	21.6 SW
7	SW	43.9 NE	C	26.6 SE
8	SW	37.4 SE	C	19.8 SE
9	SW	36.7 E	C	37.4 E
10	SW	24.5 NE	C	15.8 SW
11	SW	25.6 NW	C	9.4 N
12	SW	43.9 NW	C	11.5 NE
13	SW	36.0 NW	C	7.2 NE
14	SW	38.2 NE	C	8.6 E
15	SW	24.5 SW	C	37.4 SW
16	SW	15.1 SW	C	12.2 SW
17	SW	33.8 NE	C	15.8 SE
18	NW	38.9 SE	C	16.9 SE
19	SW	15.8 NE	C	7.2 N
20	SW	28.1 SW	C	41.4 SW
21	SW	45.4 SE	C	17.3 NE
22	NW	16.6 S	C	14.4 SW
23	V	17.3 NW	C	10.8 NE
24	NE	15.1 SW	C	17.3 SW
25	NW	18.0 NW	C	7.9 NE
26	NW	30.6 NE	C	25.2 W
27	NE	28.8 NE	C	8.6 SW
28	SW	44.6 N	C	15.8 W
29	NE	19.4 SW	NE	15.8 E
30	SW	18.7 SW	C	14.4 SW
31	SE	28.8 NE	C	9.7 NE
MES	SW	45.4 SE	C	41.4 SW

ABRIL

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SW	33.1 E	NE	15.8 NE
2	NW	23.0 SE	C	7.2 NE
3	SW	36.7 SE	C	12.2 NE
4	NW	24.5 SW	C	
5	SW	19.4 SW	C	7.2 N
6	SW	29.5 NE	C	16.2 SW
7	SW	46.1 NE	C	10.8 SW
8	SE	35.3 SE	C	7.2 NE
9	SW	16.9 SE	C	18.0 SW
10	SW	18.0 SW	C	15.1 SW
11	NE	18.0 SW	C	13.7 SW
12	SW	12.2 SW	C	8.6 SW
13	SW	18.0 SW	C	10.1 SW
14	V	16.6 SW	C	9.4 SW
15	SW	28.8 SW	C	9.7 S
16	V	18.0 SW	C	7.2 SW
17	SW	23.0 E	C	7.2 NE
18	SW	17.3 NW	C	13.0 SW
19	NW	19.4 NW	C	7.2 E
20	SW	27.0 NW	C	9.7 NW
21	SW	28.4 NE	C	10.8 SW
22	V	26.6 SE	C	19.4 SW
23	NE	18.0 SE	C	
24	SW	16.6 W	C	16.6 NE
25	SW	20.9 SW	C	23.0 SE
26	SW	21.6 SW	C	26.6 NW
27	SW	19.4 SW	C	17.3 NE
28	SW	32.4 N	C	10.8 NE
29	SW	28.8 SE	C	11.5 NE
30	NW	34.2 SE	C	24.5 SE
31				
MES	SW	46.1 NE	C	26.6 NW

Estación: Paraguaycito **Municipio:** Pijao **Año:** 1977
Altitud : 1.250 metros **Latitud :** 4 - 24 N **Longitud:** 75 - 43 W

MAYO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SW	18.0 SW	NE	14.0 NE
2	SW	21.6 SW	C	15.1 SW
3	SW	27.4 SE	C	41.0 SW
4	SE	27.0 SW	C	18.0 SW
5	NE	14.4 S	C	
6	SW	13.3 SW	C	12.2 SW
7	SW	15.8 SW	C	7.2 NE
8	SW	12.2 SW	C	8.6 SW
9	SW	11.5 SW	C	10.8 SW
10	NE	16.9 SW	C	16.9 SW
11	NW	18.7 SW	C	10.8 NE
12	V	14.4 NW	C	8.6 NE
13	SW	12.2 V	C	14.4 SW
14	SW	25.2 SW	C	10.8 SW
15	SW	19.4 SE		
16	SE	17.3 SW	C	9.4 N
17	SW	26.6 V	NE	14.4 SE
18	NW	17.3 NW	SE	19.4 SE
19	NW	20.5 W	V	25.2 SW
20	SW	15.1 SW	C	7.2 SE
21	NW	10.8 NW	C	12.2 SE
22	SW	18.7 SW	C	
23	SW	13.7 SW	C	9.4 SW
24	NE	7.9 NE	C	12.2 NE
25	V	14.0 NW	C	8.6 NE
26	SW	12.6 SW	C	10.8 NE
27	NW	14.4 SE	C	15.8 SE
28	SW	14.4 SW	C	9.4 SW
29	NW	10.8 W	C	7.2 NE
30	NW	13.3 SW	C	7.2 NE
31	SW	20.9 SW	C	
MES	SW	27.4 SE	C	41.0 SW

JUNIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SW	19.4 SW	C	15.8 E
2	NW	17.3 NW	C	
3	NW	16.2 SW	C	19.8 SW
4	NW	13.3 NW	C	6.5 SW
5	NW	36.7 SW	C	8.6 NE
6	NW	16.2 W	C	16.2 SW
7	SW	16.2 SE	C	7.2 SE
8	SW	17.6 W	C	
9	SW	14.4 W	C	8.6 NW
10	NW	32.4 SW	C	12.2 SW
11	SW	16.6 SW	C	26.6 SE
12	SW	27.0 SW	C	
13	NW	19.4 SW	C	
14	SW	13.7 W	C	10.8 SE
15	SW	20.2 SW	C	9.7 SE
16	NW	18.0 NW	C	7.2 SW
17	SW	17.6 NW	C	13.7 SW
18	NW	20.5 NW	C	8.6 NW
19		23.0 SW	C	7.2 NE
20	NW	18.0 NW	C	10.8 S
21	NE	12.2 NW	C	5.0 V
22	NW	18.0 NW	C	8.6 SE
23	SW	15.1 W	C	15.8 W
24	NW	19.4 SW	C	7.2 NW
25	NW	20.2 V	C	10.8 SW
26	NW	17.6 W	C	16.6 SW
27	NW	20.9 NW	C	13.7 NW
28	SW	13.3 NE	C	5.4 SW
29	V	26.6 SW	C	9.0 NW
30	NW	15.8 W	C	12.2 SE
31				
MES	NW	36.7 SW	C	26.6 SE

JULIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	18.7 SE	C	7.2 E
2	NW	13.7 NW	C	7.2 SE
3	NW	19.4 SW	C	13.0 NW
4	NW	19.4 W	C	7.2 E
5		27.0 SW	C	19.8 SW
6	NE	12.2 NE	C	13.7 SW
7	NW	13.3 NW	C	9.4 NW
8	● SW	12.6 NW	C	7.2 NW
9	SW	32.4 NE	C	13.0 NW
10	SW	13.0 SW	C	9.0 W
11	SW	19.4 SW	C	7.2 NW
12	NW	11.5 NW	C	7.2 NW
13	NW	18.0 NW	C	17.3 SW
14	V	13.0 SW	C	9.4 SW
15	NW	13.0 NW	C	8.6 NW
16	SW	20.2 SW	C	7.2 SW
17	SW	18.7 SW	C	13.7 NW
18	SW	23.0 NW	C	10.8 SE
19	NW	18.0 NW	C	15.8 NW
20	NW	15.8 NW	C	8.6 NW
21	NW	18.7 NW	C	14.4 SW
22	NW	21.6 NW	C	14.4 SW
23	NW	18.0 NW	C	11.5 SW
24	NW	13.7 NW	C	8.6 NW
25	V	13.3 NW	C	29.5 SW
26	NW	28.8 SW	C	20.5 SE
27	NW	15.8 SW	C	13.7 NE
28	SW	23.0 SW	C	12.2 S
29	SW	22.3 SW	C	9.4 NW
30	NW	18.0 NW	C	9.4 N
31	V	18.0 NW	C	7.2 SW
MES	NW	32.4 NE	C	29.5 SW

AGOSTO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	V	16.9 NW	C	7.2 NW
2	V	33.8 SW	C	10.1 NE
3	SW	16.6 W	C	8.6 W
4	NW	13.7 NW	C	13.0 NW
5	SW	24.8 SW	C	7.2 NW
6	SW	14.4 NE	C	7.2 V
7	NW	20.2 NE	C	17.3 SW
8	V	14.4 NW	C	9.4 W
9	NW	23.0 NE	C	
10	NW	16.2 W	C	12.2 W
11	SW	16.9 SW	C	8.6 W
12	NW	37.4 NE	C	14.4 SE
13	SW	18.7 NW	C	24.8 NE
14	NE	15.8 SW	C	
15	NW	12.2 SW	C	10.8 SW
16	NW	11.5 W	C	
17	NW	18.0 NW	C	7.2 SE
18	NW	18.0 NW	C	8.6 NW
19	NW	25.2 NE	C	12.2 W
20	NW	18.0 SW	C	17.3 SW
21	V	16.6 V	C	
22	NW	16.9 NW	C	15.1 E
23	SW	22.3 NW	C	14.4 SW
24	NW	24.5 NW	C	14.0 NE
25	SW	20.5 SW	C	17.6 SE
26	V	26.6 SW	C	19.4 SW
27	SW	26.6 NW	C	8.6 NE
28	SW	21.2 SW	C	15.1 W
29	SW	41.4 NE	C	7.2 NW
30	NW	23.0 SW	C	14.4 SW
31	NW	23.4 NW	C	7.2 NE
MES	NW	41.4 NE	C	24.8 NE

Estación: Paraguaycito **Municipio:** Pijao **Año:** 1977
Altitud : 1.250 metros **Latitud :** 4 - 24 N **Longitud:** 75 - 43 W

SEPTIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NE	16.6 S	C	7.2 SE
2	NW	20.9 S	C	7.2 S
3	V	50.0 NE	C	7.2 NE
4	NW	34.9 NE	C	7.2 V
5	NW	18.7 SW	C	7.2 S
6	NW	32.4 SE	C	26.6 SE
7	SE	36.0 NE	C	14.4 SE
8	NW	15.1 NW	C	7.2 V
9	NW	18.0 NW	C	13.7 SW
10	NW	12.2 SW	C	10.8 NE
11	SW	25.2 SW	C	7.2 SW
12	V	36.0 NE	C	7.2 S
13	NW	30.2 NE	C	7.2 SW
14	V	18.0 W	C	7.2 SE
15	NE	14.0 NE	C	18.0 SW
16	NW	16.6 NW	C	14.4 NW
17	NW	23.0 SW	C	12.2 SW
18	NW	28.1 SE	SW	17.3 SW
19	NW	30.2 NE	C	18.0 SW
20	SE	21.6 SE	C	5.8 V
21	NW	20.9 S	C	18.7 SE
22	NE	22.3 SE	C	3.6 NW
23	NW	24.5 E	C	15.1 NE
24	SW	21.6 SW	C	12.2 N
25	NW	18.7 NE	C	15.8 V
26	NW	18.0 N	C	
27	SW	13.0 SW	C	12.2 NE
28	NW	10.8 NW	C	
29	SW	21.6 SW	C	7.2 W
30	SW	25.2 NW	C	13.0 SE
31				
MES	NW	50.0 NE	C	26.6 SE

OCTUBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SW	24.5 NE	C	14.4 NE
2	NW	14.0 NW	C	5.8 SW
3	NW	33.8 SW	C	19.8 SW
4	NW	36.0 NE	C	9.4 NW
5	NE	18.0 N	C	
6	NW	23.0 SW	C	23.0 NE
7	NE	16.9 NW	C	13.7 SE
8	V	24.1 NE	C	15.1 SE
9	NW	24.5 NW	C	9.4 SE
10	V	24.8 SW	C	6.5 E
11	V	23.0 SE	C	
12	NE	14.4 E	C	12.2 NE
13	NW	19.4 V	C	7.9 NE
14	NW	16.6 S	C	23.0 SE
15	NW	26.6 SE	C	14.0 SE
16	NW	20.9 E	C	7.2 SE
17	NW	29.5 SE	C	20.9 W
18	NW	18.0 NW	C	
19	NW	30.2 E	C	10.8 W
20	SW	17.3 W	C	7.9 E
21	NW	18.0 W	C	13.3 NE
22	SW	18.0 SW	C	7.2 NW
23	SW	19.4 NE	C	31.3 NE
24	V	18.0 NE	C	9.4 SW
25	NE	33.1 NE	C	12.2 NE
26	NE	17.3 NE	C	
27	SW	24.1 SW	C	
28	V	43.2 NE	C	
29	NE	15.8 N	C	
30	NW	24.8 SE	C	
31	NW	21.6 NE	C	9.0 W
MES	NW	43.2 NE	C	31.3 NE

NOVIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	30.2 SW	C	10.8 SW
2	V	24.8 NE	C	5.0 SW
3	NW	15.8 NW	C	8.6 V
4	SW	24.5 SE	C	9.4 NE
5	NE	23.0 NE	C	8.6 SE
6	V	12.2 SE	C	10.8 E
7	SW	30.2 SW	C	
8	NW	17.3 NW	C	23.0 SW
9	NW	37.4 E	C	30.2 SE
10	NE	13.0 NE	C	
11	V	23.0 SW	C	13.0 SW
12	NW	23.0 SE	C	
13	V	20.9 SE	C	15.8 SE
14	NW	16.9 W	C	7.9 SW
15	SW	15.8 W	C	
16	SW	17.6 W	C	9.4 SW
17	NE	38.2 NE	C	9.4 SW
18	NW	14.4 NW	C	7.2 V
19	SW	20.9 NE	C	10.1 SE
20	SW	17.3 NE	C	7.9 NW
21	SW	16.9 SW	C	7.2 W
22	NW	32.4 NE	C	
23				
24				
25				
26				
27				
28				
29	SW	16.6 SW	C	
30	NW	18.7 SW	C	24.1 SW
31				
MES	NW	38.2 NE	C	30.2 SE

DICIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	V	21.6 SW	C	
2	V	17.6 SE	C	9.4 SW
3	SW	15.8 SW	C	
4	SW	17.6 SW	C	
5	SW	19.8 NW	C	7.2 V
6	SW	25.2 NE	V	14.4 NW
7	SW	13.0 SW	C	7.9 SE
8	SW	17.3 SW	V	7.2 NE
9	SW	24.8 NE	V	
10	SW	19.4 SE	V	
11	SW	23.0 SW	V	13.7 NE
12	SW	20.9 SE	V	12.2 SE
13	V	17.6 SE	C	
14	SW	17.3 SW	C	
15	SE	15.1 SW	C	
16	SW	18.7 SW	C	8.6 SW
17	V	13.7 SW	C	
18	SW	27.0 SE	V	7.2 W
19	SW	18.0 SW	C	
20	SW	21.6 SW	V	8.6 E
21	SW	23.8 W	V	15.1 W
22	SW	19.8 SW	V	7.2 V
23	SW	17.3 SW	C	7.2 NE
24				
25				
26				
27	V	17.6 NE	V	17.3 W
28	SW	17.6 SE	V	10.8 SW
29	V	23.0 S	C	
30	NW	12.2 NW	SE	10.4 E
31	NW	19.4 SW	SW	8.6 SW
MES	SW	27.0 SE	C	17.3 W

Estación: Chapetón **Municipio:** Ibagué **Año:** 1977
Altitud : 1.300 metros **Latitud** : 4 - 27 N **Longitud:** 75 - 16 W

ENERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	C	4.0 SE	C	4.0 NW
2	SE	3.0 SE	NW	6.0 NW
3	SE	5.0 SE	C	
4	SE	7.0 SE	C	
5	SE	6.0 SE	NW	7.0 NW
6	SE	4.0 SE	NW	7.0 NW
7	SE	4.0 SE	C	4.0 NW
8	SE	6.0 SE	NW	6.0 NW
9	SE	5.0 SE	NW	5.0 NW
10	SE	13.0 SE	C	
11	SE	8.0 SE	C	
12	SE	7.0 SE	C	4.0 NW
13	C	7.0 SE	NW	5.0 NW
14	SE	6.0 SE	C	
15	SE	7.0 SE	C	4.0 NW
16	SE	6.0 SE	C	5.0 NW
17	SE	7.0 SE	NW	6.0 NW
18	C	6.0 SE	C	5.0 NW
19	C	7.0 SE	C	
20	SE	4.0 SE	C	
21	SE		C	5.0 NW
22	SE	6.0 SE	C	5.0 NW
23	SE	6.0 SE	C	5.0 NW
24	SE	3.0 SE	V	6.0 NW
25	SE	7.0 SE	C	3.0 NW
26	C	4.0 SE	C	7.0 NW
27	SE	4.0 SE	C	3.0 NW
28	SE	5.0 SE	C	
29	SE	5.0 SE	C	
30	SE	5.0 SE	C	
31	C	5.0 SE	C	4.0 NW
MES	SE	13.0 SE	C	7.0 NW

FEBRERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SE	6.0 SE	C	
2	SE	5.0 SE	C	5.0 NW
3	SE	8.0 SE	NW	6.0 NW
4	SE	6.0 SE	NW	5.0 NW
5	SE	7.0 SE	C	6.0 NW
6	SE	7.0 SE	C	4.0 NW
7	C	4.0 SE	C	10.0 NW
8	SE	7.0 SE	C	4.0 NW
9	SE	7.0 SE	NW	7.0 NW
10	SE	6.0 SE	C	3.0 NW
11	V	10.0 SE	C	5.0 NW
12	SE	5.0 SE	C	
13	SE	8.0 SE	NW	5.0 NW
14	C		C	4.0 NW
15	SE	4.0 SE	C	
16	SE	5.0 SE	C	
17	SE	7.0 SE	C	
18	C	4.0 SE	C	
19	C	6.0 SE	C	5.0 NW
20	C	4.0 SE	C	3.0 NW
21	SE	4.0 SE	C	
22	C	5.0 SE	C	4.0 NW
23	SE	5.0 SE	NW	6.0 NW
24	SE	5.0 SE	C	5.0 NW
25	C	5.0 SE	C	5.0 NW
26	SE	7.0 SE	C	5.0 NW
27	SE	7.0 SE	C	6.0 NW
28	V	6.0 V	NW	7.0 NW
29				
30				
31				
MES	SE	10.0 SE	C	10.0 NW

MARZO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SE	10.0 SE	C	5.0 NW
2	C	5.0 V	C	4.0 SE
3	SE	8.0 SE	NW	6.0 NW
4	SE	8.0 SE	C	4.0 NW
5	SE	18.0 SE	NW	8.0 NW
6	SE	10.0 SE	C	6.0 NW
7	SE	10.0 SE	NW	5.0 NW
8	SE	10.0 SE	NW	5.0 NW
9	SE	13.0 SE	C	3.0 NW
10	SE	8.0 SE	NW	5.0 NW
11	SE	10.0 SE	NW	6.0 NW
12	SE	8.0 SE	C	3.0 NW
13	C	12.0 SE	C	6.0 NW
14	SE	10.0 SE	C	3.0 NW
15	SE	5.0 SE	C	6.0 V
16	C	5.0 SE	C	3.0 NW
17	SE	3.0 SE	C	4.0 SE
18	NW	3.0 NW	NW	5.0 NW
19	C	7.0 SE	NW	2.0 NW
20	SE	3.0 SE	C	3.0 NW
21	SE	6.0 SE	NW	7.0 NW
22	SE	5.0 SE	C	
23	C	3.0 SE	C	5.0 NW
24	SE	2.0 SE	C	2.0 SE
25	C	2.0 SE	NW	12.0 SE
26	C	5.0 SE	NW	4.0 NW
27	SE	4.0 SE	NW	4.0 NW
28	C	6.0 SE	C	3.0 NW
29	SE	5.0 SE	NW	5.0 NW
30	C	3.0 SE	C	2.0 NW
31	SE	5.0 SE	NW	5.0 NW
MES	SE	18.0 SE	C	12.0 SE

ABRIL

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)

Estación: Chapetón **Municipio:** Ibagué **Año:** 1977
Altitud : 1.300 metros **Latitud :** 4 - 27 N **Longitud:** 75 - 16 W

MAYO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1				
2				
3	C	3.0 SE	C	6.0 NW
4	SE	5.0 SE	C	6.0 NW
5	C	5.0 SE	C	5.0 NW
6	SE	4.0 SE	C	2.0 NW
7	SE	5.0 SE	NW	5.0 NW
8	SE	6.0 SE	C	5.0 NW
9	V	5.0 V	C	4.0 NW
10	SE	4.0 SE	NW	5.0 NW
11	C	2.0 SE	C	
12	SE	2.0 SE	C	
13	C	3.0 SE	C	4.0 NW
14	C	5.0 SE	C	3.0 NW
15	C	6.0 NW	C	3.0 NW
16	SE	3.0 SE	C	
17	SE	2.0 SE	C	5.0 NW
18	SE	5.0 SE	C	6.0 NW
19	C	7.0 SE		
20	C	2.0 SE	C	5.0 NW
21	SE	3.0 SE	C	
22	SE	7.0 SE	C	5.0 NW
23	SE	3.0 SE	C	2.0 NW
24	SE	4.0 SE	C	6.0 NW
25	C	3.0 SE	C	
26	V	6.0 SE	C	4.0 NW
27	C	7.0 SE	C	3.0 NW
28	C		C	2.0 NW
29	C	2.0 SE	C	2.0 NW
30	C	4.0 SE	C	3.0 NW
31	SE	3.0 SE	C	5.0 NW
MES	SE	7.0 SE	C	6.0 NW

JUNIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SE	4.0 SE	NW	7.0 NW
2	C	4.0 SE	C	3.0 NW
3	SE	3.0 SE	C	4.0 NW
4	NW	3.0 V	NW	3.0 NW
5	C	2.0 SE	NW	3.0 NW
6	SE	4.0 SE	C	3.0 NW
7	SE	4.0 SE	C	2.0 NW
8	SE	2.0 SE	C	2.0 NW
9				
10	C	9.0 SE	C	2.0 NW
11	SE	2.0 SE	NW	4.0 NW
12	SE	3.0 SE	C	3.0 NW
13	C		NW	2.0 NW
14	C		C	2.0 NW
15	SE		NW	2.0 NW
16	C	4.0 SW	NW	4.0 NW
17				
18				
19				
20	SE	7.0 SE	C	3.0 NW
21	C	4.0 SE	C	3.0 NW
22	SE	1.0 SE	V	4.0 NW
23	SE	6.0 SE	C	
24	SE	5.0 SE	NW	7.0 NW
25	SE	7.0 SE	NW	5.0 NW
26	SE	8.0 SE	C	
27	SE	6.0 SE	C	
28	SE	8.0 SE	C	3.0 NW
29	SE	9.0 SE	NW	7.0 NW
30	SE	6.0 SE	C	6.0 NW
31				
MES	SE	9.0 SE	C	7.0 NW

JULIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SE	5.0 SE	C	2.0 NW
2	SE	5.0 SE	NW	5.0 NW
3	SE	5.0 SE	C	3.0 NW
4	SE	7.0 SE	C	
5	SE	5.0 SE	C	
6	C	3.0 SE	NW	5.0 NW
7	C	4.0 SE	C	1.0 NW
8	C	2.0 SE	C	
9	SE	3.0 NW	NW	3.0 NW
10	SE	5.0 SE	C	
11	SE	6.0 SE	NW	
12	C	4.0 SE	NW	
13	SE	7.0 SE	C	6.0 NW
14	SE	5.0 SE	C	4.0 NW
15	SE	4.0 SE	NW	7.0 SE
16	V	4.0 V	C	
17	NE	7.0 SE	NW	5.0 NW
18	SE	9.0 SE	NW	8.0 NW
19	SE	8.0 SE	C	6.0 NW
20	SE	9.0 SE	NW	4.0 NW
21	SE	8.0 SE	NW	5.0 NW
22	SE	6.0 SE	NW	6.0 NW
23	SE	6.0 SE	C	5.0 NW
24	C	5.0 SE	NW	5.0 NW
25	SE	7.0 SE	NW	4.0 NW
26	C	3.0 SE	NW	5.0 NW
27	C	3.0 SE	C	2.0 NW
28	SE	2.0 SE	NW	6.0 NW
29	SE	7.0 SE	NW	5.0 NW
30	SE	7.0 SE	NW	6.0 NW
31	SE	5.0 SE	C	4.0 NW
MES	SE	9.0 SE	NW	8.0 NW

AGOSTO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	C	2.0 SE	NW	5.0 NW
2	C	3.0 SE	NW	6.0 NW
3	SE	5.0 SE	NW	5.0 NW
4	SE	7.0 SE	C	4.0 NW
5	SE	5.0 SE	C	
6	SE	7.0 SE	NW	5.0 NW
7			NW	4.0 NW
8	SE	5.0 SE	NW	5.0 NW
9	SE	7.0 SE	NW	5.0 NW
10	SE	7.0 SE	NW	5.0 NW
11	SE	6.0 SE	NW	5.0 NW
12	SE	4.0 SE	C	3.0 NW
13	SE	5.0 SE	V	4.0 NW
14	C	7.0 SE	C	4.0 NW
15	SE	5.0 S	C	8.0 SE
16	C	3.0 V	C	3.0 NW
17	SE	5.0 SE	NW	6.0 NW
18	SE	6.0 SE	NW	5.0 NW
19	SE	5.0 SE	NW	5.0 NW
20	C	5.0 SE	NW	6.0 NW
21	C	3.0 V	NW	4.0 NW
22	SE	2.0 SE	NW	5.0 NW
23	SE	6.0 SE	NW	5.0 NW
24	SE	6.0 SE	NW	5.0 NW
25	SE	6.0 SE	NW	6.0 NW
26	SE	8.0 SE	NW	5.0 NW
27	SE	7.0 SE	C	6.0 NW
28	SE	7.0 SE	NW	6.0 NW
29	SE	8.0 SE	NW	5.0 NW
30	SE	7.0 SE	NW	4.0 NW
31	NW	4.0 V	NW	7.0 NW
MES	SE	8.0 SE	NW	8.0 SE

Estación: Chapetón **Municipio:** Ibagué **Año:** 1977
Altitud : 1.300 metros **Latitud** : 4 - 27 N **Longitud:** 75 - 16 W

SEPTIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NE	6.0 NE	NW	5.0 NW
2	NE	8.0 SE	NW	6.0 NW
3	SE	7.0 SE	NW	6.0 NW
4	SE	8.0 SE	NW	7.0 NW
5	C	4.0 NW	C	3.0 NW
6	SE	8.0 SE	NW	7.0 NW
7	SE	10.0 SE	NW	6.0 NW
8	SE	9.0 SE	C	6.0 NW
9	SE	12.0 SE	C	5.0 NW
10	NE	7.0 SE	C	3.0 NW
11	SE	12.0 SE	NW	7.0 NW
12	SE	8.0 SE	C	3.0 NW
13	SE	5.0 SE	NW	6.0 NW
14	C	4.0 SE	C	4.0 NW
15	SE	7.0 SE	NW	4.0 NW
16	SE	7.0 SE	C	3.0 NW
17	SE	7.0 SE	C	6.0 NW
18	SE	7.0 SE	NW	7.0 NW
19	SE	3.0 SE	C	4.0 NW
20	SE	5.0 SE	C	4.0 V
21	SE	5.0 SE	C	4.0 NW
22	C	2.0 V	C	4.0 NW
23	SE	3.0 SE	C	4.0 NW
24	SE	3.0 SE	NW	5.0 NW
25	SE	4.0 SE	NW	7.0 NW
26	SE	4.0 SE	C	
27	C	2.0 SE	C	
28	C		C	
29	C	3.0 SE	C	
30	SE		NW	
31				
MES	SE	12.0 SE	C	7.0 NW

OCTUBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	C	2.0 SE	NW	
2	C	2.0 SE	C	1.0 NW
3	SE	3.0 SE	NW	
4	SE	5.0 SE	NW	2.0 NW
5	SE	4.0 SE	C	2.0 NW
6	C	3.0 V	C	3.0 NW
7	SE	4.0 SE	C	4.0 NW
8	C	9.0 SE	C	4.0 NW
9	C	7.0 SE	C	
10	C	3.0 C	C	
11	C	2.0 SE	C	
12	C	2.0 SE	C	2.0 NW
13	C	2.0 SE	C	1.0 NW
14	C		NW	
15	SE	1.0 SE	NW	14.0 SE
16	SE	2.0 SE	NW	4.0 NW
17	SE		NW	2.0 NW
18	C		C	4.0 NW
19	C	3.0 SE	C	5.0 NW
20	SE	7.0 SE	NW	5.0 NW
21	SE	8.0 SE	C	5.0 NW
22	SE	5.0 SE	NW	5.0 NW
23	SE	4.0 SE	C	6.0 NW
24	C	3.0 SE	C	3.0 NW
25	C	3.0 SE	C	1.0 NW
26	V	4.0 V	C	1.0 NW
27	SE	3.0 NW	C	3.0 NW
28	NW	6.0 SE	C	5.0 NW
29	SE	3.0 SE		
30	C	3.0 V	C	
31	C	3.0 SE	C	5.0 NW
MES	C	9.0 SE	C	14.0 SE

NOVIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	C	5.0 SE	C	4.0 NW
2	SE	1.0 SE	C	
3	SE	4.0 SE	NW	3.0 NE
4	C		C	
5	SE	1.0 SE	C	1.0 NW
6	C		C	
7	C	2.0 SE	C	
8	C		C	
9	C		C	
10	SE		C	
11	C		C	
12	C		C	
13	C		C	
14	C		C	
15	SE		C	
16	C		C	
17	SE	1.0 SE	C	
18	SE	1.0 SE	C	2.0 SE
19	C	2.0 SE	NW	3.0 NW
20	SE	2.0 SE	C	3.0 NW
21	SE	2.0 SE	C	
22	SE	4.0 SE	C	3.0 NW
23	V	8.0 SE	C	3.0 NW
24	SE	3.0 SE	C	5.0 NW
25	SE	4.0 SE	C	
26	SE	4.0 SE	C	1.0 NW
27	SE	4.0 SE	C	
28	C	5.0 SE		
29	SE	3.0 SE	NW	6.0 NW
30	SE	5.0 SE	NW	6.0 NW
31				
MES	SE	8.0 SE	C	6.0 NW

DICIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	SE	5.0 SE	C	5.0 NW
2	SE	7.0 SE	NW	5.0 NW
3	C	4.0 SE	C	
4	C	3.0 SE	NW	3.0 NW
5	SE	4.0 SE	NW	4.0 NW
6	SE	4.0 SE	C	3.0 NW
7	SE	7.0 SE	C	6.0 NW
8	SE	6.0 SE	C	5.0 NW
9	SE	5.0 SE	C	4.0 NW
10	SE	6.0 SE	NW	5.0 NW
11	C	3.0 SW	C	
12	C	4.0 SE	C	2.0 V
13	SE	6.0 SE	C	
14	SE	4.0 SE	C	3.0 NW
15	SE	3.0 SE	C	2.0 NW
16	SE	4.0 SE	C	5.0 NW
17	SE	3.0 SE	C	6.0 NW
18	SE	5.0 SE	C	3.0 NW
19	SE	5.0 SE	C	
20	SE	7.0 SE	NW	
21	SE	6.0 SE	NW	7.0 NW
22	SE	6.0 SE	C	5.0 NE
23	SE		C	
24	SE	5.0 SE	C	5.0 NW
25	SE	4.0 SE	NW	7.0 NW
26	SE	3.0 SE	C	3.0 NW
27	SE	4.0 SE	C	5.0 NW
28	V	4.0 SE	C	2.0 NW
29	C	1.0 V	C	3.0 NW
30	C	3.0 SE	C	2.0 NW
31	SE	2.0 SE	C	1.0 NW
MES	SE	7.0 SE	C	7.0 NW

Estación: Albán
Altitud : 1.400 metros

Municipio: El cairo
Latitud : 4 - 46 N

Año: 1977
Longitud: 76 - 13 W

ENERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NE	12.0 NE	C	9.0 NE
2	NE	15.0 NE	C	5.0 NE
3	NW	13.0 NW	C	5.0 NE
4	NE	9.0 NE	C	4.0 NE
5	N	15.0 N	C	
6	NW	13.0 N	C	6.0 NW
7	NW	12.0 NW	C	7.0 N
8	NE	15.0 N	C	
9	NE	15.0 N	C	13.0 NE
10	NW	14.0 N	C	2.0 NE
11	NE	22.0 NE	C	7.0 NE
12	NE	13.0 N	C	3.0 NE
13	NE	12.0 N	C	3.0 NE
14	NE	12.0 NE	C	7.0 NE
15	NE	17.0 NE	C	3.0 NE
16	NE	8.0 NE	C	3.0 NE
17	NE	16.0 NE	C	11.0 N
18	NE	12.0 NW	C	7.0 NE
19	NE	12.0 NW	C	8.0 NE
20	NE	12.0 NE	C	5.0 NE
21	NE	18.0 NE	NE	11.0 N
22	N	17.0 N	C	5.0 NE
23	NW	10.0 NW	C	
24	NE	9.0 NW	C	
25	N	20.0 N	C	7.0 NE
26	N	17.0 N	C	7.0 N
27	NE	14.0 NW	C	
28	NW	12.0 NW	C	7.0 NW
29	NW	13.0 NW	C	5.0 NW
30	NW	13.0 NW	C	3.0 N
31	NW	13.0 NW	C	
MES	NE	22.0 NE	C	13.0 NE

FEBRERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	13.0 NW	C	
2	NW	18.0 NW	C	15.0 NW
3	NW	17.0 NW		
4	NW	17.0 NW	C	5.0 NW
5	NW	11.0 NW	NE	5.0 NE
6	NW	18.0 NW		7.0 NW
7	NW		C	
8	NW	16.0 NW	V	5.0 NE
9	NW	10.0 NW	C	3.0 NE
10	NW	14.0 NW		
11	NW	14.0 NW		
12				
13				
14	NW	15.0 NW		
15				
16	NE	16.0 N		
17	NE	15.0 NE		
18	NE	17.0 NE	C	5.0 NE
19				
20	NW	18.0 NW	C	
21	NW	8.0 NW		
22	N	19.0 N		
23	NE	19.0 N	C	4.0 NE
24	NW	16.0 NW		
25	NW	13.0 NW		
26	NW	14.0 NW	C	
27				
28	NW	17.0 N		
29				
30				
31				
MES	NW	19.0 N		

MARZO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	15.0 NW		
2				
3	NE	18.0 NE		
4	N	18.0 N		
5	NW	17.0 N		
6	NE	17.0 NE	C	5.0 NW
7	NE	17.0 NW		
8				
9				
10	NW	19.0 NW	V	12.0 N
11	NW	15.0 NW	NW	9.0 NW
12	NW	15.0 NW	C	
13				
14	NW	14.0 NW	C	5.0 NW
15	NW	11.0 NW		
16				
17	NW	15.0 NW	C	1.0 NE
18				
19				
20	NE	17.0 NW		7.0 NE
21	N	14.0 N		
22	NW	10.0 N		
23	NE	17.0		
24				
25				
26				
27	NE	13.0 NW		
28				
29				
30				
31	NE	7.0 NE	C	
MES	NW	19.0 NW	C	12.0 N

ABRIL

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NE	7.0 NE		
2	NE	8.0 NE	C	
3				
4	NE	5.0 NE	NE	
5	NE	13.0 NE	NE	
6				
7	NE	17.0 NE		
8	NE	12.0 NE	C	
9	NE	8.0 NE	C	●
10				
11	NE	16.0 NE	C	
12	NE	4.0 NE	C	
13	NE	22.0 NE		
14	NE	7.0 NE		
15	NE	15.0 NE		
16	NE	12.0 NE	C	
17	NE	8.0 NE		
18	NE	15.0 NE		
19	NE	10.0 NE	V	3.0 NE
20	NE	17.0 NE		
21	NE	3.0 NE		
22	NE	11.0 NE		
23				
24	NE	3.0 NE		
25	NE	10.0 NE		
26				
27	NE	3.0 NE	C	
28	NE	5.0 NE	C	
29	NE	4.0 NE	C	
30	NE	8.0 NE	C	
31				
MES	NE	17.0 NE	C	3.0 NE

Estación: Albán **Municipio:** El cairo **Año:** 1977
Altitud : 1.400 metros **Latitud** : 4 - 46 N **Longitud:** 76 - 13 W

MAYO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NE	8.0 NE		
2	NE	8.0 NE	C	
3	NE	17.0 NE		
4	NE	16.0 N		
5	NE	5.0 N		
6	SE	3.0 SE		
7	NE	17.0 NE		
8	NE	9.0 NE	C	
9	NE	8.0 NE	C	
10	NE	13.0 NE	C	
11	NE	11.0 NE		
12	NE	8.0 NE	C	
13	NW	7.0 NW		
14	NW	8.0 NW	C	
15	NW	7.0 NW	C	
16	NW	9.0 NW		
17				
18				
19	NE	15.0 NW	V	4.0 NE
20	SW	1.0 NE		
21	NW	7.0 NW		
22	NE	7.0 NE		
23				
24	NE	7.0 NE	C	
25	NW	6.0 NW	C	
26	NW	6.0 NW		
27				
28	NE	5.0 NE		
29				
30				
31				
MES	NE	17.0 NE	C	4.0 NE

JUNIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NW	9.0 NW		
2	NW	7.0		
3				
4				
5	NW	7.0 NW		
6	NW	7.0 NW		
7				
8	NE			
9	NE	10.0 NE		
10	NE	4.0 NE		
11				
12			C	
13			C	
14	NW	7.0 NW	C	
15	NW	5.0 N		
16	NE	8.0 N	C	
17	NE	15.0 N	C	10.0 NE
18	NE	8.0 V	C	7.0 NE
19	NE	10.0 N	C	
20				
21	SW	7.0 NW		
22	NE	12.0 N	C	6.0 NE
23				
24				
25				
26				
27				
28				
29				
30				
31				
MES	NE	15.0 N	C	10.0 NE

JULIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)

AGOSTO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)

Estación: Albán
Altitud : 1.400 metros

Municipio: El cairo
Latitud : 4 - 46 N

Año: 1977
Longitud: 76 - 13 W

SEPTIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
MES				

OCTUBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25		32.4 NE	SE	24.8 NE
26	SE	27.0 SE	C	
27	SE	32.4 NE	SE	
28	V	34.2 NE	SE	12.2 SE
29	V	25.6 NE	SE	9.4 SE
30	S	24.5 S	S	11.5 S
31	NE	45.0 NE	C	9.4 E
MES		45.0 NE	SE	24.8 NE

NOVIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	NE	41.4 NE	SE	10.8 SE
2	NE	36.0 NE	SE	25.2 NE
3	NE	43.2 NE	SE	14.4 SE
4	SE	25.2 E	SE	
5	NE	37.8 N	C	10.8 E
6	NE	32.4 NE	C	14.4 E
7	NE	32.4 NE	C	16.2 E
8	NE	32.4 N	C	23.4 SE
9	NE	32.4 NE	C	16.2 NE
10	C	12.6 SW	C	
11	NE	37.8 NE	C	
12	NE	34.2 NE	C	11.5 E
13	NE	28.8 NE	C	
14	NE	37.8 NE	C	
15	N	46.8 N	C	21.6 NE
16	NE	54.0 NE	C	21.6 E
17	NE	37.8 NE	C	18.0 E
18	SE	36.0 NE	SE	
19	NE	34.2 NE	E	9.0 E
20	NE	36.0 NE	NE	
21	NE	39.6 NE	NE	16.2 E
22	NE	43.2 NE	NE	19.8 E
23	NE	36.0 NE	NW	
24	NE	36.0 NE	E	14.4 E
25	NE	36.0 NE	SE	14.4 SE
26	NE	39.6 NE	E	
27	NE	30.6 NE	SE	21.6 E
28	NE	34.2 NE	SE	12.6 E
29	NE	39.6 N	E	21.6 E
30	NE	39.6 NE	NE	25.2 NE
31				
MES	NE	54.0 NE	C	25.2 NE

DICIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (Km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (Km/hora)
1	N	36.0 N	N	19.4 NE
2	N	39.6 N	E	12.6 E
3	NE	39.6 N	NE	
4	NE	21.6 N	E	
5	NE	18.0 N	E	
6	NE	19.8 NE	E	
7	NE	36.0 N	N	18.0 E
8	NE	37.8 N	NE	25.2 E
9	NE	34.2 N	E	21.6 NE
10	NE	48.6 NE	NE	
11	NE	48.6 NE	SE	
12	N	43.2 N	E	18.0 NE
13	V	23.4 NE	E	
14	NE	34.6 NE	E	21.6 E
15	NE	41.4 NE	E	18.0 E
16	SW	18.0 NE	SW	
17	NE	43.2 NE	NE	19.8 NE
18	N	43.2 N	NE	21.6 NE
19	NE	32.4 N	E	21.6 E
20	NE	39.6 N	E	16.2 E
21	NE	39.6 NE	NE	28.8 NE
22	NE	39.6 NE	NE	23.4 NE
23	NE	28.8 NE	E	14.4 E
24	NE	34.2 N	SE	25.2 NE
25	NE	36.0 NE	NW	21.6 NE
26	N	32.4 NE	E	14.4 E
27	NE	32.4 NE	SE	12.6 N
28	NE	32.4 NE	NW	16.2 NE
29	SW	9.0 SW	SW	
30	N	36.0 NE	SE	23.4 NE
31	NE	36.0 NE	NE	18.0 NE
MES	NE	48.6 NE	E	28.8 NE