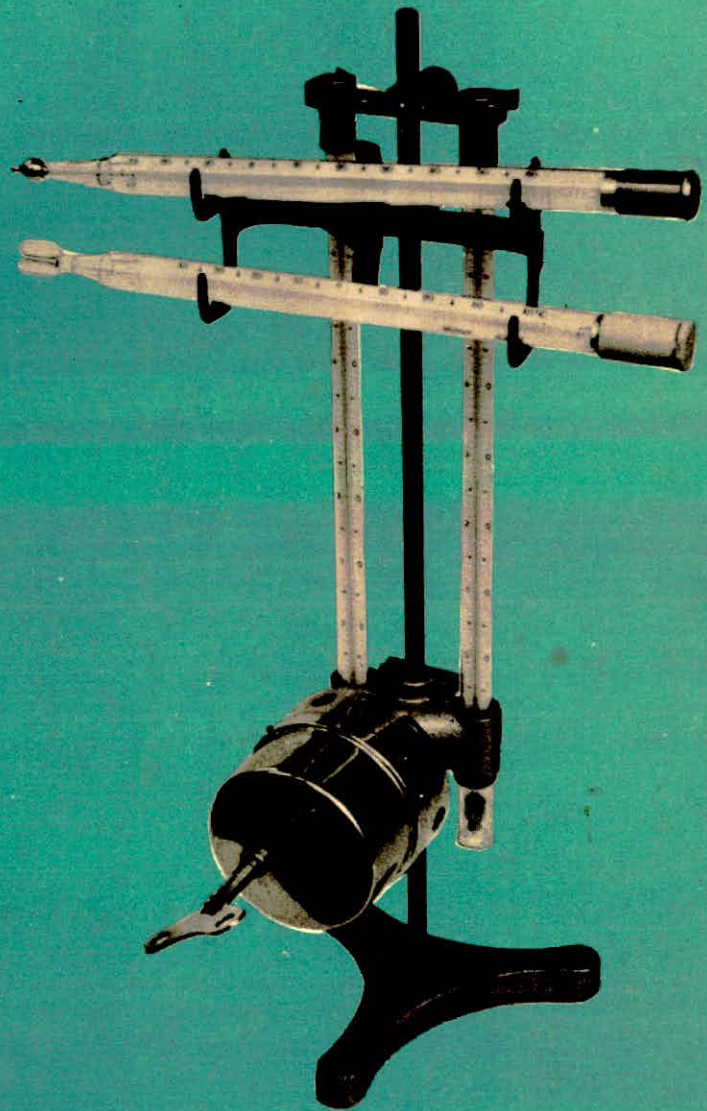


ANUARIO METEOROLOGICO 1980



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 1980

SE CANJEA CON PUBLICACIONES DE LA MISMA INDOLE

DIRECCION:

CENICAFE - CHINCHINA - CALDAS - COLOMBIA

ADDRES:

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 1980, en la red de estaciones que posee la Federación Nacional 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 bimetalico; 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:

$$e = E - A_p (t - t_h)$$

e = Tensión del vapor actual, en milibares.

E = Tensión del vapor saturante.

A_p = Constante psicrométrica (en función del aparato y de la presión atmosférica).

t = Temperatura del termómetro seco, en °C.

t_h = Temperatura del termómetro húmedo, en °C.

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

Punto de rocío = la temperatura que correspondería cuando " e " se iguala 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 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 de 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, registradas en heliógrafos tipo Campbell-Stokes.

VIENTOS DE SUPERFICIE

Al final de este Anuario (páginas 311 a 337), se presentan los datos diarios de vientos de superficie, registrados en El Rosario, Cenicafé, Naranjal, La Florida, Tibacuy, Ospina Pérez, Blonay, Paraguaicito, Chapetón y Albán.

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

Se discriminó la información en día y noche, ya que en la mayoría de las localidades predomina la circulación valle-montaña. Además, 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, SW, NW, S). La letra C define las calmas y la letra V períodos con dirección muy variable.

NUEVAS ESTACIONES

Se instalaron o reiniciaron labores los siguientes puestos pluviométricos:

Municipio	Estación	Departamento
Lourdes	Concentración	Norte de Santander
Acacías	Montelíbano	Meta
Amagá	El Rincón	Antioquia
Fredonia	Bariloche	Antioquia
Manizales	Santa Teresita	Caldas
Manizales	Sifilia	Caldas
Manizales	Java	Caldas
Pereira	La Tierrica	Risaralda
Marmato	El Descanso	Caldas
Mistrató	La Espiga	Risaralda
Marsella	Calamar	Risaralda
Marsella	La Palmera	Risaralda
La Mesa	La Palma	Cundinamarca
La Mesa	Secretaría de Agricultura	Cundinamarca
Melgar	La Granja	Tolima
Quimbaya	El Rocío	Quindío
Montenegro	El Agrado	Quindío
Rosas	Portachuelo	Cauca

MODIFICACIONES EN ESTACIONES

La estación de Manzanares - Llanadas en el departamento de Caldas, se redujo de principal a heliopluiográfica.

ESTACIONES SUSPENDIDAS

Suspendieron observaciones temporal o definitivamente, los siguientes puestos pluviométricos:

Estación	Municipio	Departamento
Bellavista	Rionegro	Santander
Chapa	Charalá	Santander
La Pastorita	La Victoria	Caldas
La Cabaña	Manizales	Caldas
Buenos Aires	Mistrató	Risaralda
Valsalice	Fusagasugá	Cundinamarca
Pueblo Tapado	Montenegro	Quindío
Pomarrosos	Morales	Cauca
La Aurelia	Cajibío	Cauca
La Moye	Popayán	Cauca
Párraga Viejo	Rosas	Cauca

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 latitud, se distinguen cuatro zonas principales: Zona Norte, Zona Central Norte, Zona Central Sur y Zona Sur.

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura m.s.n.m.	Hoya hidrográfica
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ZONA NORTE

REGION DE LA SIERRA NEVADA

CESAR

	Pueblo Bello		10°22'	73°38'	1.000	Cesar
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CUENCA DEL LAGO MARACAIBO

NORTE DE SANTANDER

	Convención	La Estrella	8°28'	73°20'	1.000	Catatumbo
	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

	Rionegro	Villapaz	7°18'	73°08'	1.400	Lebrija
	Rionegro	Palestina	7°21'	73°07'	1.350	Lebrija
	Rionegro	Los Cocos	7°18'	73°07'	1.300	Lebrija
	Bucaramanga	Ceylán	7°09'	73°08'	1.300	Oro
	Girón	Bonanza	7°04'	73°10'	1.250	Oro
	Floridablanca	La Loma	7°04'	73°05'	1.400	Oro
	Floridablanca	Miporal	7°04'	73°06'	1.200	Oro
	San Vicente	Aguas Blancas	6°57'	73°26'	1.200	Sogamoso
	San Vicente	New York	6°52'	73°24'	960	Sogamoso
	San Vicente	Santa Cruz	6°52'	73°23'	750	Sogamoso
	San Vicente	Nazareth	6°57'	73°25'	1.000	Sogamoso
	Curití	Cuchicute	6°36'	73°04'	1.550	Suárez
	Hato	Chochos	6°32'	73°18'	1.400	Suárez
	Pinchote	Las Flores	6°30'	73°14'	1.700	Suárez
	Valle de San Juan	Mesón	6°27'	73°08'		Suárez
	Mogotes	Instituto Agrícola	6°28'	72°58'	1.800	Suárez
	Páramo	La Laguna	6°26'	73°10'	1.550	Suárez
	Ocamonte	San Benito	6°20'	73°07'	1.500	Suárez
	Oiba	Los Pinos	6°18'	73°17'	1.350	Suárez
	Guadalupe	Sevilla	6°15'	73°25'	1.390	Suárez
	Charalá	Villanueva	6°16'	73°08'	1.450	Fence
	Landazuri	El Danubio	6°13'	73°48'		
	Suaita	El Recreo	6°07'	73°29'	1.540	Suárez
	Suaita	Cielo Roto	6°07'	73°28'	1.540	Suárez
	Barbosa	Buenavista	5°54'	73°36'	1.800	Suárez
	Barbosa	Cite	5°53'	73°26'	1.600	Suárez
	Puente Nacional	La Cumbre	5°53'	73°43'	1.650	

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura m.s.n.m.	Hoya hidrográfica
BOYACA	Monquirá	Bertha	5°52'	73°24'	1.700	Suárez
CUNDINAMARCA	Yacopí	Montelibano	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	5°49'	74°17'	1.665	Negro
	Sasaima	El Triángulo	4°58'	74°26'	1.500	Negro
	Sasaima	Icalí	4°57'	74°25'	1.300	Negro
	San Juan de Rioseco		4°51'	74°40'		Maddalena
VERTIENTE DE LOS LLANOS						
CUNDINAMARCA	Quetame	Monterredondo	4°19'	75°59'	1.300	Negro
META	Acacías	Montelibano	4°02'	73°45'	610	Acacías
	Acacías	Maringá	4°00'	73°46'	540	Acacías
	Guamal	Villa Priscilla	3°56'	73°44'	850	Acacías
VERTIENTE ORIENTAL CORDILLERA CENTRAL						
CALDAS	Manzanares	Llanadas	5°15'	75°08'	1.420	Guarínó
TOLIMA	Fálan	Palocabildo	5°08'	74°57'	1.500	Gualí
	Fresno	La Cimarrona	5°10'	75°00'	1.400	Gualí
	Libano	La Trinidad	4°55'	75°04'	1.430	Recio
VERTIENTE OCCIDENTAL CORDILLERA CENTRAL						
ANTIOQUIA	Amagá	El Rincón	6°02'	75°42'	1.350	Cauca
	Venecia	El Rosario	5°58'	75°44'	1.600	Cauca
	Fredonia	Piamonte	5°54'	75°38'	1.330	Cauca
	Fredonia	Jonás	5°59'	75°42'	1.300	Cauca
	Fredonia	Bariloche	5°56'	75°37'	1.700	Cauca
CALDAS	Aguadas	Guaimaral	5°37'	75°27'	1.450	Cauca
	La Merced	Llanadas	5°25'	75°32'	1.500	Cauca
	Manizales	Agronomía	5°04'	75°31'	2.150	Chinchiná
	Manizales	Santa Teresita	5°07'	75°36'	1.350	Chinchiná
	Manizales	Tesorito	5°03'	75°30'	2.250	Chinchiná
	Manizales	Sifilfia	5°06'	75°37'	1.400	Chinchiná
	Manizales	Las Pavas	5°06'	75°36'	1.420	Chinchiná
	Palestina	Santagüeda-Facultad	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
	Manizales	Java	5°02'	75°33'	1.780	Chinchiná
	Chinchiná	Cenicafé	4°59'	75°35'	1.310	Chinchiná
	Chinchiná	Naranjal	4°58'	75°36'	1.370	Campoalegre
	Chinchiná	La Francia	4°58'	75°41'	1.360	Campoalegre

Departamento	Municipio	Estación	Latitud	Longitud	Altura	Hoya
			Norte	Oeste	m.s.n.m.	hidrográfica
RISARALDA	Santa Rosa de Cabal	El Jazmín	4°53'	75°36'	1.600	Campoalegre
	Santa Rosa de Cabal	Guayabito	4°54'	75°38'	1.620	San Eugenio
	Dosquebradas	El Bosque	4°50'	75°41'	1.450	San Eugenio
	Pereira	Los Cábmulos	4°50'	75°52'	1.240	Cauca
	Pereira	Planta de 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	Consota
	Pereira	La Tierrica				
Pereira	La Joya	4°46'	75°47'	1.250	Consota	

VERTIENTE ORIENTAL CORDILLERA OCCIDENTAL

ANTIOQUIA

Dabeiba	La Aldea	7°02'	76°12'	1.500	Rioverde
Jardín	Miguel Valencia	5°32'	75°51'	1.570	Cauca

CALDAS

Marmato	El Descanso	5°29'	75°38'	1.650	Cauca
Supía	Rafael Escobar	5°28'	75°38'	1.330	Cauca
Riosucio	La Manuelita	5°23'	75°40'	1.350	Cauca
Riosucio	La Argentina	5°27'	75°42'	1.420	Cauca

RISARALDA

Guática	Paraíso	5°18'	75°48'	1.600	Risaralda
Mistrató	La Espiga	5°18'	75°54'	1.500	Risaralda
Belén de Umbria	Taparcal	5°11'	75°52'	1.400	Risaralda
La Virginia	Ingenio San Francisco	4°54'	75°54'	1.000	Cauca
Marsella	Calamar	4°57'	75°45'	1.200	S. Francisco
Marsella	La Palmera	5°00'	75°45'	1.450	S. Francisco

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°28'	1.250	Bogotá
La Mesa	Secretaría de Agricultura	4°38'	74°28'	1.300	Bogotá
San Antonio	Bello Horizonte	4°37'	74°21'	1.380	Bogotá
Mesitas del Colegio	Misiones	4°34'	74°18'	1.540	Bogotá
Mesitas del Colegio	El Porvenir	4°33'	74°19'	1.350	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

TOLIMA

Mélgar	La Granja	4°09'	74°40'		Magdalena
Cunday	Reflejo	4°04'	74°43'	1.180	Magdalena
Villarrica	Luis Bustamante	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

HUILA

Tello	Sucre	3°04'	75°09'	1.450	Magdalena
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Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura m.s.n.m.	Hoya hidrográfica
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
	San Antonio	La Meseta	3°55'	75°29'	1.600	Saldaña
	Chaparral	Limón	3°43'	75°38'	990	Saldaña
HUILA	Teruel	Buenos Aires	2°45'	75°35'	1.450	Magdalena
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°36'	75°46'	1.450	La Vieja
	Quimbaya	Yolanda	4°35'	76°46'	1.320	La Vieja
	Quimbaya	Rocío	4°31'	75°46'		La Vieja
	Montenegro	El Agrado	4°28'	75°49'	1.350	La Vieja
	Armenia	El 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	Paraguacito	4°24'	75°43'	1.250	Rioverde
VALLE	Alcalá	Arturo Gómez	4°40'	75°48'	1.320	La Vieja
	Sevilla	Heracio Uribe	4°16'	75°55'	1.540	La Vieja
	Ginebra	La Selva	3°40'	76°18'	1.800	Cauca
	Palmira	Campanella	3°33'	75°17'	1.550	Cauca
CAUCA	Santander	Instituto Técnico	3°01'	76°29'	1.110	Cauca
VERTIENTE ORIENTAL CORDILLERA OCCIDENTAL						
VALLE	El Aguila	Santa Marta	4°54'	76°03'	1.760	Cauca
	Ansermanuevo	El Placer	4°49'	76°01'	1.730	Cauca
	Ansermanuevo	Bellavista	4°48'	76°04'	1.550	Cauca
	El Cairo	Subestación 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'	1.600	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
	Pitalito	Palestina	1°52'	76°02'	1.590	

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura m.s.n.m.	Hoya hidrográfica
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VERTIENTE OCCIDENTAL CORDILLERA CENTRAL

CAUCA

Morales	Bonanza	2°46'	76°39'	1.670	Cauca
Piendamó	La Trinidad	2°41'	76°32'	1.600	Cauca
Popayán	La Florida	2°27'	76°35'	1.850	Cauca
Tambo	Manuel Mejía	2°24'	76°48'	1.700	Cauca
Rosas	Portachuelo	2°15'	76°43'	1.750	Cauca

CUENCA DEL RIO PATIA

NARIÑO

La Unión	La Unión	1°37'	77°09'	1.800	Patía
Consacá	Osipina Pérez	1°16'	77°28'	1.700	Guaitara

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ESTACION: EL ROSARIO
 ALTITUD: 1.600

MUNICIPIO: VENEZIA
 LATITUD: 9-58 N.

ARO: 1.980
 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	14.5	26.0	20.0	70.0	15.736	13.8	0.0	2.6	2.6	3.9
2	14.0	26.0	20.2	65.1	15.167	13.2	6.7	0.0	6.7	6.2
3	13.0	26.0	20.5	65.1	15.613	13.5	5.0	0.0	5.0	8.3
4	13.0	26.0	21.4	57.6	14.622	12.0	0.0	0.0	0.0	7.9
5	12.5	25.5	21.2	59.1	14.415	12.4	0.0	0.0	0.0	8.3
6	13.3	27.0	22.8	52.1	13.647	11.6	0.0	0.0	0.0	6.5
7	12.2	27.0	21.8	52.4	13.343	11.1	0.0	0.0	0.0	10.2
8	12.5	27.5	21.7	54.2	13.571	11.4	0.0	0.0	0.0	9.6
9	13.0	26.5	22.1	56.4	14.315	12.3	0.0	0.0	0.0	7.0
10	16.0	26.3	23.0	53.0	14.660	12.6	0.0	0.0	0.0	6.2
11	13.0	26.0	19.2	49.3	15.225	13.5	14.0	0.0	14.0	11.2
12	12.5	25.0	21.0	52.7	12.828	10.5	0.0	0.0	0.0	9.9
13	15.5	25.8	18.4	73.4	15.258	13.4	1.1	0.0	1.1	1.5
14	15.5	25.0	20.0	60.4	13.541	11.8	0.0	0.0	0.0	6.5
15	14.0	23.0	18.4	48.6	14.551	12.6	2.0	8.9	10.9	0.8
16	12.0	23.0	17.7	73.1	14.451	12.5	0.2	0.0	0.2	2.4
17	12.0	22.0	19.3	71.6	15.360	13.3	0.0	0.0	0.0	1.9
18	16.0	21.9	18.3	62.5	12.536	15.1	0.3	0.5	0.8	3.4
19	16.5	22.0	18.5	63.7	17.934	15.7	4.7	0.0	4.7	6.6
20	16.5	23.5	20.1	64.8	14.844	12.8	0.0	0.0	0.0	5.6
21	15.5	24.0	19.9	72.2	16.406	14.4	0.0	0.0	0.0	8.4
22	16.5	25.0	20.7	62.4	14.616	12.6	0.0	0.0	0.0	7.4
23	16.6	25.2	20.9	63.2	15.035	12.9	0.0	0.0	0.0	7.2
24	16.2	24.1	20.8	65.2	15.264	13.6	0.0	0.0	0.0	10.8
25	17.0	26.2	22.1	50.9	13.259	11.0	0.0	0.0	0.0	11.4
26	16.5	26.0	21.6	54.4	13.589	11.4	0.0	0.0	0.0	9.1
27	15.8	25.5	20.4	56.3	13.429	11.3	0.0	0.0	0.0	3.6
28	16.0	22.0	20.0	77.0	16.038	15.8	0.0	0.0	0.0	3.3
29	15.6	23.0	19.9	76.8	17.461	15.3	0.4	0.0	0.4	6.5
30	15.6	20.0	17.7	90.5	18.659	16.4	5.3	4.1	9.4	0.0
31	14.5	23.0	19.1	71.0	15.413	13.0	0.0	0.0	0.0	6.6
PROM.	14.6	24.6	20.3	65.3	15.104	13.0	39.7	16.1	55.8	198.7

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	16.0	20.0	17.8	88.0	18.315	16.0	1.5	3.2	4.7	8.5
2	16.0	23.0	19.8	66.4	14.815	12.6	0.3	0.0	0.3	0.6
3	16.0	20.0	18.3	66.6	18.253	16.1	17.7	0.0	17.7	1.5
4	14.5	21.4	16.6	63.1	15.635	13.6	2.8	0.1	2.9	10.5
5	13.5	25.3	17.3	69.2	13.627	11.6	2.9	13.4	16.3	8.9
6	14.5	26.0	19.9	65.0	14.653	12.7	0.0	1.2	1.2	11.4
7	14.0	27.0	19.8	63.4	14.015	12.0	0.0	0.0	0.0	11.0
8	14.6	25.5	20.4	66.6	15.656	13.7	0.0	0.0	0.0	8.1
9	16.0	25.2	19.8	71.7	16.431	14.4	0.7	0.0	0.7	10.3
10	16.0	27.0	21.3	63.2	15.415	13.4	0.0	0.0	0.0	11.5
11	16.6	28.5	22.2	58.8	15.060	13.0	0.0	0.0	0.0	11.5
12	15.5	28.5	22.5	56.7	14.563	12.6	0.0	0.0	0.0	11.2
13	17.5	28.6	22.6	55.5	14.758	12.5	0.0	0.0	0.0	10.7
14	16.6	27.6	22.5	58.8	15.209	13.2	0.0	0.0	0.0	10.6
15	16.5	28.0	20.9	63.6	15.528	13.6	0.0	0.0	0.0	0.2
16	14.5	20.5	17.4	89.7	17.765	15.7	1.2	0.6	1.8	1.6
17	14.6	22.5	19.0	79.1	17.012	14.9	1.7	1.0	2.7	5.2
18	14.6	26.5	20.2	67.4	15.755	13.8	0.0	0.0	0.0	7.3
19	15.1	24.4	19.1	74.3	16.301	14.3	6.7	0.0	6.7	6.8
20	14.6	26.5	20.6	66.9	16.131	14.1	0.0	0.0	0.0	7.9
21	14.6	25.3	19.7	68.0	15.226	13.2	2.3	0.5	3.2	7.4
22	14.6	27.5	20.3	76.7	18.152	15.6	0.0	0.0	0.0	7.9
23	16.3	28.6	20.2	64.0	14.746	12.8	1.5	0.0	1.5	10.7
24	17.5	22.0	20.0	62.1	14.176	12.1	0.0	0.0	0.0	5.1
25	16.0	25.5	20.9	72.2	17.620	15.5	0.0	0.0	0.0	6.1
26	16.5	25.6	20.4	66.5	16.056	14.1	0.0	0.0	0.0	11.0
27	15.5	27.0	21.5	61.3	15.284	13.2	0.0	0.0	0.0	5.7
28	16.5	26.0	21.2	59.0	14.411	12.4	0.0	0.0	0.0	3.7
29	16.3	22.0	19.2	75.4	16.547	14.4	0.0	0.0	0.0	10.5
PROM.	15.6	25.3	20.0	69.0	15.771	13.7	39.3	20.4	59.7	230.7

ESTACION: EL ROSARIO

MUNICIPIO: VENECIA

AÑO: 1.980

ALTITUD: 1.600

LATITUD: 5-52 N.

LONGITUD: 75-44 W.

2

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	27.8	21.5	62.6	15.319	13.3	0.0	0.0	0.0	8.0
2	15.6	29.0	21.8	60.6	15.177	13.1	0.0	0.0	0.0	9.0
3	16.5	24.8	20.3	65.3	15.416	13.6	0.0	0.0	0.0	5.5
4	15.5	28.0	21.2	65.1	15.474	13.4	0.0	0.0	0.0	5.2
5	16.5	25.0	20.5	68.1	16.002	14.0	0.0	0.0	0.0	10.5
6	16.5	27.4	20.8	60.7	14.457	12.1	0.0	0.0	0.0	10.7
7	15.5	27.4	22.9	62.5	16.333	14.5	0.0	2.1	3.0	5.3
8	17.4	27.0	22.4	64.5	16.351	14.5	0.0	0.0	0.0	7.7
9	17.0	27.4	22.4	62.5	16.356	14.1	0.0	0.0	0.0	7.1
10	16.5	27.5	22.4	61.7	16.467	14.3	0.0	0.0	0.0	5.7
11	18.0	28.5	23.4	60.7	16.328	14.4	0.0	0.0	0.0	11.1
12	17.5	29.4	24.2	57.7	16.258	14.1	0.0	0.0	0.0	9.2
13	16.5	28.6	23.0	54.3	14.451	12.4	0.0	0.6	0.6	4.5
14	17.5	26.5	22.3	64.3	16.568	14.9	0.0	0.0	0.0	3.7
15	17.0	26.0	21.1	67.5	16.756	14.7	0.0	0.0	0.0	3.6
16	17.0	26.0	21.6	66.6	16.767	14.7	2.0	0.0	2.0	4.0
17	17.0	27.3	21.1	64.9	16.249	14.2	0.0	0.0	0.0	0.9
18	17.0	25.0	20.4	77.6	16.606	16.3	4.2	0.0	6.2	6.1
19	14.8	26.0	20.9	68.6	16.456	14.5	1.3	0.0	1.3	7.8
20	16.3	27.0	22.1	54.8	13.502	11.2	0.0	0.0	0.0	5.0
21	16.2	28.3	21.8	57.4	14.451	12.4	11.0	0.0	11.0	5.2
22	17.1	27.4	21.6	61.3	15.755	13.8	0.0	0.0	0.0	9.5
23	17.4	29.2	22.3	60.6	16.434	14.4	8.3	0.0	8.3	9.3
24	14.0	29.5	21.6	57.7	14.457	12.0	0.0	0.0	0.0	2.3
25	14.5	29.4	21.5	54.0	16.435	14.4	0.0	0.0	0.0	11.5
26	14.0	29.0	22.9	50.2	14.420	12.3	0.0	0.0	0.0	9.9
27	14.0	26.4	23.4	44.9	12.014	9.3	0.0	0.0	0.0	10.2
28	14.5	29.6	24.3	48.5	14.459	12.3	0.0	0.0	0.0	8.7
29	14.0	30.0	24.6	50.1	15.214	13.2	0.0	2.7	2.7	2.4
30	16.6	22.4	19.5	66.0	14.533	12.5	3.6	0.0	3.6	5.0
31	14.0	28.0	23.4	59.6	16.675	14.6	0.0	0.0	0.0	7.2
PROM.	16.1	27.5	22.0	60.9	15.663	13.5	33.5	5.4	38.9	223.8

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	14.0	30.0	23.6	55.0	15.751	13.7	5.3	0.1	5.4	6.3
2	14.0	26.5	21.1	66.1	16.706	14.6	0.0	0.4	0.4	2.5
3	15.4	24.6	20.3	75.3	17.478	15.3	0.0	0.0	0.0	7.5
4	13.0	25.4	20.3	62.6	15.064	12.9	0.0	0.0	0.0	6.1
5	12.0	26.0	20.7	64.7	15.664	13.7	0.0	0.0	0.0	5.5
6	14.4	27.0	20.0	69.2	16.356	14.3	0.2	0.3	0.5	1.3
7	14.0	23.6	19.6	75.0	16.656	14.8	0.0	0.0	0.0	1.9
8	12.0	23.4	20.8	76.6	18.525	16.3	0.0	0.0	0.4	9.9
9	12.0	28.0	22.5	59.7	15.352	13.1	0.0	0.0	0.0	6.5
10	12.5	27.4	21.9	66.1	17.141	15.0	0.0	0.0	0.0	7.7
11	13.0	26.2	22.0	63.3	16.356	14.3	0.0	0.0	0.0	6.0
12	12.0	25.6	21.8	57.5	14.742	12.7	0.0	0.0	0.0	6.1
13	11.0	27.4	21.9	56.6	14.772	12.8	3.4	2.4	5.8	7.8
14	12.0	26.3	20.7	62.8	15.649	13.4	0.0	0.0	0.2	2.9
15	12.0	26.0	21.8	68.8	17.531	15.2	0.0	0.0	0.0	8.2
16	15.0	28.5	23.4	50.2	14.075	12.5	0.0	0.0	0.0	7.7
17	15.0	29.0	22.5	53.4	14.699	12.7	0.0	0.0	0.0	8.6
18	15.0	30.0	24.4	50.3	14.644	12.5	0.0	0.0	0.0	5.0
19	14.0	30.0	25.0	40.5	12.527	10.3	0.0	0.0	0.0	7.9
20	15.0	26.8	20.9	54.5	13.657	11.3	0.0	0.0	0.0	7.2
21	14.2	29.4	21.7	63.3	16.783	14.7	7.7	0.1	7.8	3.5
22	14.0	25.1	20.1	69.3	16.300	14.2	0.0	8.4	8.4	5.4
23	14.0	26.5	20.7	68.1	15.830	13.7	0.1	17.0	17.1	0.4
24	13.5	26.0	16.7	81.1	18.045	15.8	41.3	0.2	41.5	5.7
25	13.5	26.5	19.8	79.2	18.226	16.0	0.4	4.8	5.2	0.8
26	14.0	25.0	20.0	80.2	18.366	16.1	0.0	0.7	0.7	7.8
27	14.5	27.4	22.4	58.5	15.656	13.7	4.5	0.0	4.5	7.1
28	14.4	27.4	20.6	65.3	15.602	13.6	5.9	10.4	16.3	2.0
29	13.5	24.6	20.3	66.6	15.039	12.9	0.0	0.0	0.0	5.0
30	15.0	27.0	22.5	68.7	15.003	16.2	0.0	0.0	0.0	2.9
PROM	13.6	26.9	21.4	64.3	16.088	13.9	69.4	44.8	114.2	162.2

ESTACION: EL ROSARIO
 ALTITUD: 1.600

MUNICIPIO: VENEZIA
 LATITUD: 5-58 N.

AÑO: 1.980
 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	15.0	26.0	20.6	69.4	16.615	14.5	1.5	10.2	11.7	4.1
2	14.0	24.0	19.8	71.9	16.068	14.0	1.1	0.0	1.1	7.1
3	14.0	26.0	21.8	50.9	12.752	10.5	0.0	0.0	0.0	10.3
4	14.0	29.0	23.5	44.0	12.059	9.7	0.0	0.0	0.0	9.4
5	14.0	29.0	23.2	47.1	13.023	10.8	0.0	0.0	0.0	5.4
6	14.0	24.4	21.1	62.9	15.454	13.5	0.7	5.2	5.9	6.9
7	14.0	26.0	20.7	71.3	17.058	15.0	0.0	33.0	33.0	3.9
8	14.0	24.6	20.8	73.3	17.216	15.1	0.0	51.5	51.5	3.6
9	13.5	26.4	20.3	73.5	16.632	14.8	0.0	23.4	23.4	7.9
10	14.2	26.0	20.0	73.4	16.968	14.9	22.0	0.0	22.0	11.4
11	12.5	27.4	21.2	61.5	14.060	13.9	0.1	0.0	0.1	8.7
12	12.5	29.1	23.7	58.3	16.655	14.5	0.0	0.0	0.0	0.0
13	15.5	22.4	15.2	91.3	20.383	17.7	0.0	4.0	4.0	0.3
14	13.5	21.4	18.0	90.6	18.709	16.4	17.8	26.6	44.4	2.1
15	13.5	22.0	18.2	69.1	18.555	16.3	3.2	0.5	3.7	8.1
16	13.5	26.0	22.1	66.7	17.141	15.1	0.0	0.0	0.0	5.4
17	13.5	25.4	21.0	61.6	20.170	17.6	2.0	0.0	2.0	4.5
18	13.5	26.6	20.8	76.3	18.458	16.5	7.4	5.6	13.0	8.9
19	13.0	26.4	21.3	64.3	15.553	13.6	0.0	0.6	0.6	7.9
20	13.2	27.0	22.0	64.3	16.665	14.6	0.0	0.0	0.0	0.8
21	13.0	24.8	22.0	61.5	16.023	14.0	0.0	0.0	0.0	4.7
22	13.0	25.2	21.3	67.7	16.614	14.7	0.0	0.0	0.0	2.0
23	13.0	25.2	19.9	83.6	19.150	16.8	0.0	0.0	0.0	1.4
24	15.4	23.4	19.8	82.0	18.762	16.4	0.0	0.0	0.0	4.9
25	13.2	25.0	19.6	77.5	18.074	15.9	29.0	0.6	29.6	2.9
26	13.2	25.2	15.5	87.9	20.006	17.5	1.5	11.0	12.5	7.8
27	13.5	25.0	20.6	73.4	16.924	14.8	0.0	0.0	0.0	10.0
28	13.5	26.2	21.9	69.7	16.175	15.9	0.0	0.0	0.0	10.4
29	13.5	26.0	19.7	73.9	17.708	15.6	8.7	1.5	10.2	8.7
30	13.5	27.4	21.3	76.7	18.737	16.5	0.0	11.3	11.3	5.8
31	14.0	25.4	20.8	75.7	17.565	15.8	14.9	20.7	35.6	1.9
PROM.	13.7	25.6	20.8	71.3	17.145	14.9	110.1	222.2	332.3	177.6

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	14.5	25.0	18.1	86.1	18.051	15.9	4.3	0.1	4.4	0.3
2	13.5	21.0	18.3	80.8	17.072	15.0	1.1	0.0	1.1	10.8
3	15.5	26.6	22.1	70.4	18.398	16.2	0.0	5.7	5.7	10.0
4	16.0	26.4	21.5	66.8	16.658	14.6	0.0	0.0	0.0	6.6
5	14.8	25.4	21.8	71.3	18.547	16.3	0.0	0.0	0.0	5.8
6	15.5	25.4	21.2	76.5	18.648	16.5	0.0	0.0	0.0	9.1
7	14.5	27.0	23.0	64.3	17.464	15.4	0.0	0.0	0.0	5.0
8	14.2	27.0	22.4	66.3	17.343	14.9	0.0	0.0	0.0	2.8
9	14.0	25.4	21.2	75.1	18.605	16.5	0.0	23.7	23.7	2.8
10	15.0	22.2	16.6	90.0	16.554	16.6	5.8	0.0	5.8	3.2
11	16.0	24.0	19.9	82.6	15.114	16.8	3.1	11.3	14.4	0.8
12	13.5	24.4	18.5	91.0	15.553	17.1	3.0	4.7	7.7	2.3
13	15.0	23.0	19.1	88.6	19.430	17.0	0.6	0.0	0.6	11.8
14	13.0	27.0	22.9	56.9	14.656	12.5	0.0	0.0	0.0	10.2
15	13.0	28.0	23.5	49.1	14.174	12.1	0.0	0.0	0.0	11.0
16	15.0	23.0	23.4	45.6	12.765	10.5	0.0	0.0	0.0	7.5
17	14.4	26.4	21.5	63.1	16.133	14.1	0.1	0.0	0.1	3.7
18	15.4	25.4	20.7	64.8	15.753	13.7	0.2	29.3	29.5	0.7
19	13.0	23.2	16.5	81.6	18.302	16.1	5.6	10.9	16.5	0.8
20	15.0	22.4	17.6	85.6	17.323	15.2	7.8	0.0	7.8	9.0
21	16.0	22.5	20.0	76.5	17.522	15.8	0.0	8.6	8.6	6.0
22	14.0	24.0	19.3	82.0	18.351	16.2	0.0	11.5	11.5	10.2
23	14.5	25.5	21.1	65.2	15.437	13.4	0.0	0.0	0.0	9.8
24	16.5	26.0	22.4	66.5	15.054	13.1	0.0	0.0	0.0	7.5
25	15.6	26.0	21.8	62.0	15.337	13.8	0.0	22.9	22.9	8.5
26	16.0	24.5	21.2	67.6	16.112	14.4	0.0	0.0	0.0	6.3
27	15.5	26.0	22.0	61.7	15.652	13.8	0.0	0.0	0.0	10.2
28	14.8	27.4	23.9	59.6	17.076	14.2	0.0	0.2	0.2	10.1
29	14.5	26.0	23.0	56.5	15.551	13.4	0.0	0.0	0.0	10.6
30	16.5	26.2	22.5	61.6	16.355	14.3	0.0	0.3	0.3	9.7
PROM.	14.8	26.3	21.1	70.2	17.062	14.8	31.6	129.2	160.8	210.1

ESTACION: EL ROSARIO

MUNICIPIO: VERACIA

AÑO: 1980

ALTITUD: 1.600

LATITUD: 5-58 N.

LONGITUD: 75-44 W.

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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	16.5	26.5	21.2	59.4	14.406	12.4	0.0	0.0	0.0	8.4
2	15.0	26.4	21.5	59.0	14.717	12.7	0.0	5.3	5.3	6.9
3	16.0	25.2	20.8	68.7	16.145	14.0	0.0	0.0	0.0	11.6
4	14.5	27.0	21.9	56.0	14.258	12.1	0.0	0.0	0.0	11.5
5	16.0	29.0	24.3	66.3	15.342	16.7	0.0	0.0	0.0	5.7
6	15.0	26.0	22.7	57.0	15.163	12.9	0.0	0.0	0.0	5.5
7	16.0	26.0	22.1	66.5	17.437	15.5	0.0	0.0	0.0	11.0
8	15.4	27.2	22.4	60.9	15.661	13.8	0.0	0.0	0.0	5.5
9	16.4	22.0	18.8	78.4	16.648	14.7	1.7	1.7	3.4	5.3
10	15.5	23.4	19.5	76.2	16.664	14.9	0.0	0.5	0.5	6.2
11	14.5	24.0	20.2	68.1	15.430	13.3	0.0	0.0	0.0	7.1
12	15.5	26.0	20.9	59.9	14.468	12.4	0.0	1.1	1.1	10.1
13	14.5	26.0	21.3	62.7	15.342	13.3	0.0	0.0	0.0	9.7
14	15.5	26.6	22.0	61.6	15.644	13.7	0.0	0.0	0.0	8.7
15	14.5	26.3	19.7	66.8	15.575	13.6	0.0	0.0	0.0	9.3
16	15.5	26.6	21.4	60.0	14.668	12.6	0.4	0.0	0.4	10.8
17	17.4	26.6	22.3	58.9	15.770	13.8	0.0	0.0	0.0	8.2
18	17.5	26.6	22.0	63.9	16.202	14.4	0.0	0.0	0.0	5.2
19	17.5	25.5	21.7	64.3	16.368	14.4	0.0	0.0	0.0	7.1
20	17.5	26.6	22.1	60.0	16.014	14.0	0.0	8.5	8.5	9.1
21	16.0	26.6	19.1	70.5	17.263	15.2	37.2	0.5	37.7	8.6
22	14.5	26.0	19.5	72.8	16.641	14.8	7.5	0.4	7.9	8.3
23	14.6	25.0	19.1	73.3	16.000	14.0	0.0	54.9	54.9	5.8
24	12.5	23.5	19.0	73.4	15.422	13.7	0.0	9.8	9.8	8.6
25	14.0	25.0	18.0	77.3	16.350	14.3	45.7	11.2	60.9	6.8
26	14.0	24.0	19.7	71.0	18.157	16.0	0.0	2.3	2.3	6.0
27	14.8	26.0	20.7	74.9	17.722	15.6	0.1	5.5	5.6	7.4
28	14.5	25.0	17.8	65.8	13.227	11.2	4.6	1.7	6.3	6.8
29	14.5	23.0	19.3	74.8	16.128	14.1	10.5	0.0	10.5	9.7
30	15.5	26.4	21.9	69.7	17.449	15.5	0.0	0.4	0.4	5.4
31	13.5	24.0	20.2	73.4	16.657	14.5	0.0	0.0	0.0	7.8
PROM.	15.3	25.6	20.8	67.4	16.115	14.0	111.7	103.8	215.5	244.3

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	16.2	24.0	19.4	68.7	15.617	13.6	0.0	2.4	2.4	10.8
2	14.6	26.5	21.6	63.4	15.522	14.0	0.0	0.0	0.0	3.0
3	17.0	24.0	19.6	75.5	17.460	15.3	3.2	0.1	3.3	4.9
4	16.5	24.4	20.3	77.9	18.514	16.3	0.4	0.0	0.4	3.8
5	12.0	24.0	19.3	79.3	17.661	15.5	0.1	0.0	0.1	6.6
6	16.3	26.0	21.3	68.4	17.070	15.0	0.0	1.1	1.1	1.2
7	14.4	22.0	19.2	84.7	18.603	16.4	0.0	56.6	56.6	1.2
8	13.5	21.0	17.8	91.6	18.652	16.4	0.7	11.8	12.5	6.7
9	13.5	25.0	16.8	82.7	18.558	16.3	0.5	9.3	9.8	7.8
10	14.5	24.0	20.0	73.4	16.413	14.4	1.1	0.0	1.1	7.9
11	15.5	25.6	21.2	59.2	14.409	12.1	0.0	0.0	0.0	10.4
12	16.5	26.5	21.2	59.0	15.116	13.1	0.0	2.4	2.4	8.0
13	15.6	27.0	21.1	62.8	15.551	13.6	0.1	0.0	0.1	7.2
14	15.3	25.6	21.1	68.7	16.647	14.8	0.0	0.0	0.0	6.4
15	16.5	24.8	21.4	71.2	17.676	15.6	0.0	0.7	0.7	5.6
16	14.5	22.6	15.9	79.6	18.158	16.0	0.0	2.2	2.2	4.2
17	14.5	23.2	19.4	74.5	16.266	14.2	0.0	6.9	6.9	6.5
18	13.0	24.0	19.6	76.1	16.784	14.8	0.0	0.3	0.3	7.0
19	14.2	24.2	20.0	76.3	17.551	15.5	0.0	0.2	0.2	8.6
20	15.0	25.5	18.0	76.1	16.047	14.0	20.2	0.0	20.2	9.1
21	14.5	25.0	20.1	71.2	16.413	14.4	0.0	9.6	9.6	9.4
22	15.5	24.5	20.9	73.5	17.544	15.4	0.0	6.0	6.0	11.1
23	14.0	26.4	21.3	62.4	14.346	11.7	0.0	0.0	0.0	11.5
24	15.3	27.3	23.6	52.2	9.256	5.8	0.0	0.0	0.0	10.4
25	17.3	27.0	22.7	52.6	14.224	12.2	0.0	0.0	0.0	6.9
26	16.4	26.0	22.0	66.7	17.208	15.1	0.0	0.0	0.0	10.0
27	15.4	27.0	22.0	57.5	14.269	12.0	0.0	0.0	0.0	7.2
28	16.5	25.6	21.2	55.4	13.560	11.8	0.0	0.0	0.0	11.2
29	15.5	24.4	17.9	84.3	17.705	15.6	17.9	3.2	21.1	6.6
30	13.5	25.6	20.1	66.1	15.423	13.4	0.0	0.0	0.0	6.8
31	13.5	26.0	19.1	71.7	15.646	13.8	10.0	0.0	10.0	5.3
PROM.	15.1	25.0	20.4	69.8	16.300	14.1	54.2	112.8	167.0	227.3

ESTACION: EL ROSARIO
 ALTITUD: 1.600

MUNICIPIO: VENEZIA
 LATITUD: 5-58 N.

AÑO: 1.980
 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	14.5	23.6	18.6	70.6	14.675	12.9	1.2	3.7	4.9	5.6
2	14.5	23.0	18.4	63.0	17.656	15.5	9.4	0.0	9.4	8.9
3	14.5	23.0	20.9	71.4	16.515	14.8	0.1	0.0	0.1	8.4
4	15.4	23.0	20.5	76.3	16.051	15.8	0.2	4.7	4.9	5.0
5	14.5	23.0	21.4	66.7	17.149	15.1	0.0	10.6	10.6	9.2
6	15.0	27.0	21.4	66.7	16.735	14.6	0.0	0.0	0.0	9.8
7	16.6	27.0	21.9	58.7	14.738	12.8	0.0	0.0	0.0	9.5
8	17.5	27.3	22.6	66.7	17.028	15.5	0.0	42.4	42.4	5.6
9	14.0	26.0	20.9	70.7	17.036	14.9	0.0	0.0	0.0	11.5
10	15.5	27.2	22.6	51.7	13.032	11.0	0.0	0.0	0.0	9.3
11	17.5	27.6	23.6	50.2	12.039	9.6	0.0	0.0	0.0	8.8
12	17.5	27.0	21.9	65.8	16.756	14.7	0.0	0.0	0.0	7.0
13	16.5	29.6	21.8	49.2	18.076	16.1	1.0	3.5	4.5	3.1
14	16.0	23.7	20.6	77.8	16.321	16.2	0.0	4.4	4.4	0.0
15	15.5	20.0	18.1	87.4	16.079	15.9	1.6	1.7	3.3	4.6
16	14.6	23.6	19.6	87.4	15.744	17.3	0.0	0.0	0.0	8.6
17	15.5	24.3	21.2	63.4	15.070	13.7	0.0	0.2	0.2	4.8
18	15.5	23.0	19.0	66.8	14.822	12.6	4.2	5.7	9.9	2.8
19	14.5	24.0	18.2	53.5	15.559	17.1	3.8	21.6	25.4	5.5
20	14.0	24.0	18.5	60.0	17.172	15.1	0.1	0.6	0.7	2.1
21	14.6	21.0	17.7	67.4	17.022	15.4	3.6	6.1	9.7	7.5
22	14.5	24.2	20.1	68.2	15.057	13.6	0.0	0.0	0.0	10.7
23	14.5	26.3	21.0	66.0	16.449	14.4	0.0	0.0	0.0	9.7
24	15.0	26.7	21.4	64.3	15.755	13.7	0.0	0.0	0.0	7.9
25	16.0	26.6	21.9	63.0	16.547	14.5	0.0	2.0	2.0	5.6
26	12.5	25.0	19.7	71.1	17.024	14.9	0.0	0.5	0.5	9.9
27	15.5	23.0	20.7	74.0	16.057	14.8	0.0	45.6	45.6	1.6
28	12.5	21.0	16.8	79.0	14.012	12.9	5.7	0.0	5.7	11.3
29	14.5	23.0	21.3	69.7	17.120	15.0	0.0	0.3	0.3	5.8
30	15.5	23.2	19.6	79.5	17.754	15.6	0.0	10.0	10.0	4.7
PROM.	15.2	25.1	20.2	71.9	16.055	14.5	30.9	163.6	194.5	208.8

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	13.6	24.6	19.3	74.4	16.329	14.2	0.6	9.2	9.8	5.6
2	13.5	24.6	19.3	86.0	18.237	16.6	0.0	0.3	0.3	7.7
3	14.5	25.0	20.7	71.5	16.373	14.3	0.0	39.1	39.1	4.8
4	13.5	24.0	19.5	78.6	17.335	15.3	0.2	9.9	10.1	2.5
5	13.5	22.0	17.5	81.8	16.171	14.2	1.4	9.0	10.4	1.5
6	14.5	21.0	17.5	92.7	18.407	16.2	2.5	7.0	9.5	0.5
7	14.5	21.0	17.3	90.3	17.958	15.8	9.4	8.0	17.4	3.9
8	13.5	21.0	16.6	85.9	18.241	16.0	0.0	0.0	0.0	7.0
9	15.5	25.0	19.6	67.6	15.267	13.3	1.4	0.9	2.3	0.8
10	14.5	21.0	18.6	82.5	17.051	15.7	0.2	0.0	0.2	5.9
11	15.5	23.0	18.7	73.5	16.001	14.1	12.3	0.0	12.3	10.6
12	15.0	25.0	20.2	70.2	16.435	14.4	0.0	0.0	0.0	10.9
13	14.5	26.6	20.4	73.6	17.091	15.6	0.0	2.5	2.9	10.1
14	15.5	26.6	21.3	68.2	17.106	15.0	0.0	0.0	0.0	8.2
15	13.0	24.0	18.8	76.2	16.405	14.4	0.6	13.3	13.9	3.2
16	14.5	24.0	19.1	82.7	18.264	16.1	0.0	1.6	1.6	2.7
17	14.5	23.0	18.7	86.4	16.704	16.4	1.8	0.2	0.3	2.4
18	14.5	23.0	18.4	84.8	17.029	15.7	1.8	37.4	39.2	6.2
19	13.5	25.0	19.8	80.1	18.029	15.7	0.0	9.3	9.3	2.7
20	14.0	20.6	15.4	55.6	17.018	14.9	5.0	0.0	5.0	0.7
21	12.6	23.5	18.2	77.6	16.146	14.1	0.4	12.3	12.7	9.7
22	13.6	25.2	19.3	74.2	17.436	15.4	0.0	0.0	0.0	9.4
23	15.4	25.5	20.6	74.9	17.528	15.8	0.0	0.0	0.0	8.4
24	14.6	25.4	20.2	70.0	16.056	14.6	0.6	3.4	4.0	9.7
25	13.0	24.0	18.8	72.0	15.027	13.6	0.0	0.0	0.0	7.2
26	14.6	25.0	18.2	69.7	14.712	12.8	3.2	0.1	3.3	8.1
27	14.0	25.0	19.0	80.3	17.036	15.5	9.5	0.1	9.6	7.8
28	16.5	25.5	21.8	68.7	17.553	15.5	0.3	38.7	39.0	0.1
29	16.5	23.0	18.9	68.2	19.208	16.8	0.1	0.0	0.1	6.6
30	15.5	24.5	19.2	73.4	16.024	14.0	0.0	0.0	0.0	3.7
31	15.5	25.0	19.5	70.4	16.268	14.2	0.0	0.0	0.0	0.0
PROM.	14.4	24.2	19.1	78.3	17.145	15.0	49.6	237.1	286.7	172.6

ESTACION: EL ROSARIO

MUNICIPIO: VENECIA

AÑO:

1-980

ALTITUD: 1.600

LATITUD: 5-58 N.

LONGITUD: 75-44 W.

6

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	25.0	20.0	65.3	14.750	12.7	0.0	8.8	8.8	5.7
2	13.6	24.5	18.3	79.4	16.410	14.4	0.0	0.7	0.7	4.6
3	14.6	23.0	17.9	78.3	16.435	14.4	24.7	0.0	25.3	4.6
4	14.0	23.0	18.1	86.1	17.508	15.8	2.8	7.0	9.8	1.4
5	14.5	23.0	17.8	87.4	18.045	15.8	7.3	10.8	18.1	1.5
6	14.2	21.0	17.3	89.1	17.559	15.5	4.2	0.0	4.2	8.5
7	14.5	24.0	19.0	72.4	15.752	13.7	0.0	0.0	0.0	2.5
8	14.5	22.0	17.7	83.0	16.507	14.8	0.0	0.0	0.0	9.5
9	14.5	25.0	18.7	63.8	15.466	13.5	0.6	0.0	0.6	11.1
10	15.0	25.8	20.5	73.8	14.570	13.0	0.0	0.0	0.0	4.5
11	15.4	24.8	20.3	77.7	18.257	16.1	0.0	0.0	0.0	3.0
12	15.6	22.0	17.3	54.7	19.101	16.7	2.0	0.6	2.6	4.3
13	15.0	23.2	18.1	66.1	17.882	15.7	6.5	14.9	21.4	4.3
14	14.5	22.8	17.7	92.4	18.606	16.5	3.7	6.0	9.7	3.1
15	15.0	24.0	18.1	86.6	17.854	15.7	6.8	2.1	8.9	5.2
16	14.5	21.4	17.3	82.2	16.240	14.2	6.5	0.0	6.5	7.7
17	15.0	24.0	19.7	77.8	17.876	15.7	0.2	0.0	0.2	9.1
18	14.5	23.0	20.2	66.4	15.657	13.7	0.0	0.0	0.0	5.2
19	15.0	24.0	19.6	75.6	16.361	14.2	0.0	0.0	0.0	9.3
20	14.5	24.6	20.1	70.8	16.460	14.5	0.0	0.7	0.7	6.3
21	15.5	24.0	18.7	77.2	16.464	14.3	0.0	7.8	7.8	7.4
22	14.5	25.0	19.6	74.0	16.405	14.4	0.0	32.2	32.2	5.5
23	14.0	23.0	18.5	85.1	17.566	15.8	0.0	9.9	9.9	1.2
24	14.6	22.2	18.0	86.0	17.537	15.4	0.0	0.0	0.0	9.9
25	14.6	22.5	18.6	76.7	16.554	14.9	0.0	8.4	8.4	5.7
26	14.6	23.4	19.0	79.5	17.067	14.9	0.2	4.2	4.4	6.6
27	15.4	24.3	19.0	74.3	16.258	14.3	0.1	1.0	1.1	5.1
28	15.3	24.1	19.0	81.2	17.653	15.6	0.0	10.8	10.8	4.5
29	14.0	23.0	17.3	83.6	16.465	14.4	1.3	0.8	2.1	7.3
30	14.0	24.1	18.0	75.6	15.670	13.6	2.3	0.0	2.3	6.7
PROM.	14.7	23.8	18.6	79.4	16.511	14.8	69.9	126.6	196.5	171.7

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	14.5	25.0	18.1	79.7	16.757	14.7	0.6	0.0	0.6	8.8
2	13.5	26.0	19.0	76.3	16.375	14.4	0.0	0.0	0.0	4.0
3	15.3	22.5	17.6	88.3	18.143	15.9	0.5	4.3	4.8	3.7
4	14.3	21.5	17.6	85.1	17.165	15.1	18.7	17.9	36.6	5.3
5	14.0	23.0	18.7	84.3	16.043	15.9	1.3	0.0	1.3	5.8
6	15.0	23.5	19.7	71.6	16.048	14.1	0.2	0.0	0.2	10.2
7	14.6	23.0	19.7	70.4	15.657	13.9	0.0	0.0	0.0	0.2
8	15.6	22.5	18.6	82.6	17.653	15.7	0.0	1.0	1.0	6.6
9	15.5	25.0	17.9	85.2	17.844	15.7	13.8	0.0	13.8	6.8
10	14.8	25.0	19.1	73.4	16.320	14.3	1.1	0.0	1.1	6.5
11	15.0	24.3	19.5	72.0	16.160	14.2	0.0	0.0	0.0	5.4
12	15.3	24.5	19.2	82.2	17.985	15.8	0.0	2.2	2.2	3.6
13	14.3	24.0	18.4	73.7	15.218	13.2	1.0	0.0	1.0	6.4
14	14.6	24.5	18.3	77.4	15.642	13.9	0.0	0.0	0.0	2.2
15	14.6	23.0	18.5	74.1	15.665	13.7	4.0	0.0	4.0	5.1
16	14.3	24.0	19.3	74.2	16.488	14.5	0.0	24.1	24.1	3.4
17	14.0	22.0	17.9	85.5	17.818	15.4	0.0	0.8	0.8	10.2
18	15.5	25.0	20.2	67.5	15.707	13.7	0.0	10.7	10.7	9.8
19	14.5	26.0	19.8	69.7	15.675	13.7	0.2	0.0	0.2	9.7
20	15.6	25.5	20.0	62.5	14.443	12.3	0.0	18.5	18.5	3.5
21	14.4	24.4	18.1	78.3	16.032	14.0	0.0	0.0	0.0	6.5
22	15.5	25.3	19.3	75.5	16.615	14.5	0.0	0.0	0.0	2.6
23	14.8	24.3	19.0	75.6	16.850	14.8	1.1	0.2	1.3	5.0
24	15.4	25.0	19.8	77.5	17.577	15.5	0.0	1.5	1.5	2.2
25	14.1	23.5	18.2	84.5	17.473	15.3	3.2	25.9	29.1	3.9
26	14.0	23.5	18.7	50.2	16.516	14.5	27.7	1.7	29.4	2.2
27	13.5	22.0	15.5	92.6	16.660	14.6	12.7	8.5	21.2	6.8
28	12.5	24.5	16.8	74.5	14.110	12.0	0.2	3.5	3.7	8.1
29	13.0	24.5	17.0	80.0	15.226	13.3	2.4	0.0	2.4	7.6
30	13.6	24.0	19.0	72.6	15.766	13.8	0.7	1.0	1.7	2.2
31	13.8	22.0	17.5	85.1	16.759	14.7	0.0	0.0	0.0	4.3
PROM.	14.5	24.0	18.5	78.2	16.477	14.4	89.9	121.8	211.7	172.6

ESTACION: EL ROSARIO

MUNICIPIO: VENECIA

AÑO: 1.980

ALTITUD: 1.600

LATITUD: S-5E N.

LONGITUD: 75-44 W.

7

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 Iluvias	
ENERO	14.6	24.8	20.3	12.0	27.5	65.3	15.104	13.0	55.8	11	190.7
FEBRERO	15.6	25.3	20.0	13.5	26.6	65.0	15.771	13.7	59.7	12	230.7
MARZO	16.1	27.5	22.0	14.0	30.0	60.9	15.663	13.5	38.9	10	223.8
ABRIL	15.6	26.9	21.4	11.0	30.0	64.2	16.068	13.9	114.2	14	162.2
MAYO	13.7	25.6	20.8	12.5	29.1	71.3	17.145	14.9	332.3	20	177.6
JUNIO	14.6	25.3	21.1	13.0	26.0	70.2	17.062	14.8	160.6	17	210.1
JULIO	15.3	23.6	20.2	12.5	29.0	67.4	16.115	14.0	215.5	16	244.3
AGOSTO	15.1	25.0	20.4	12.0	27.2	65.6	16.300	14.1	167.0	21	227.3
SEPTIEMBRE	15.2	25.1	20.2	12.5	27.6	71.5	16.655	14.5	194.5	20	208.8
OCTUBRE	14.4	24.2	19.1	12.6	26.9	78.3	17.145	15.0	286.7	24	172.6
NOVIEMBRE	14.7	23.8	18.6	13.6	25.8	75.4	16.911	14.8	196.5	23	171.7
DICIEMBRE	14.5	24.0	18.5	12.5	26.0	78.2	16.477	14.4	211.7	25	172.6
PROMEDIO	14.6	25.3	20.3	12.6	26.0	70.5	16.373	14.2			
TOTAL									2033.6	213	2400.4

ESTACION: PIA MONTE
 ALTITUD: 1.330

MUNICIPIO: FREDONIA
 LATITUD: 5-54 N.

AÑO: 1.980
 LONGITUD: 76-38 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	16.6	26.0	21.4	74.8	19.075	16.7	0.0	7.8	7.8	4.4
2	17.0	26.0	20.5	82.9	19.761	17.3	0.0	1.9	1.9	4.8
3	17.0	26.6	20.8	77.9	18.572	16.7	0.0	0.0	0.0	8.0
4	16.0	26.8	20.9	75.6	18.433	16.2	0.0	0.0	0.0	5.1
5	16.0	26.3	21.6	71.0	17.757	15.6	0.0	0.0	0.0	6.7
6	17.0	27.4	21.7	70.1	18.144	16.0	0.0	0.0	0.0	7.2
7	16.6	27.4	21.7	77.9	19.367	16.9	0.0	0.0	0.0	7.7
8	16.3	27.4	21.6	78.1	19.717	17.3	0.0	0.0	0.0	9.0
9	15.6	27.7	21.5	77.5	18.490	17.1	0.0	0.1	0.1	9.0
10	15.6	28.0	21.8	76.1	19.439	17.0	0.0	0.8	0.8	6.0
11	16.4	28.0	21.8	73.2	17.554	15.5	0.0	0.0	0.0	6.0
12	15.4	26.6	20.3	72.8	17.022	14.9	0.0	0.0	0.0	3.0
13	16.6	25.0	19.2	77.9	17.503	15.4	0.0	0.0	0.0	6.0
14	16.0	27.3	21.3	64.6	16.244	14.2	0.0	0.0	0.0	6.1
15	16.0	24.4	20.0	71.6	16.235	14.5	0.0	0.0	0.0	1.5
16	15.4	24.3	19.8	85.7	16.337	16.1	0.6	0.9	1.5	6.0
17	16.0	24.0	19.5	73.2	15.545	15.5	0.0	2.8	2.8	4.2
18	17.0	24.0	19.9	83.2	17.628	17.0	1.7	0.2	1.9	5.2
19	17.0	24.6	19.7	77.1	17.460	15.6	0.0	0.0	0.0	7.9
20	16.0	24.6	20.4	74.2	17.060	16.6	0.0	0.0	0.0	4.2
21	16.0	24.0	19.1	83.2	19.023	16.6	0.0	0.0	0.0	9.8
22	15.0	27.4	21.1	75.4	18.545	16.3	0.0	0.0	0.0	7.6
23	16.4	27.0	21.4	74.5	18.660	16.6	0.1	0.0	0.1	8.2
24	17.0	27.3	22.6	68.1	18.127	15.6	0.0	0.0	0.0	9.4
25	16.0	28.3	22.4	65.4	17.065	15.0	0.0	0.0	0.0	9.9
26	15.5	28.8	21.0	66.0	18.559	14.0	0.0	0.6	0.6	9.0
27	15.0	27.3	21.1	66.7	16.293	14.3	0.0	0.0	0.0	3.1
28	16.0	24.0	20.3	77.4	18.221	16.0	0.0	1.3	1.3	7.5
29	16.6	27.1	21.3	74.2	18.642	16.4	0.0	0.0	0.0	0.0
30	17.0	21.3	19.1	86.7	15.144	16.6	0.9	28.1	29.0	8.4
31	15.4	26.0	20.1	77.0	17.755	15.6	0.0	0.0	0.0	
PROM.	16.2	26.1	20.7	75.4	16.169	15.9	3.3	55.2	58.5	212.1

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	17.0	22.0	19.6	77.2	17.320	15.2	0.0	0.0	0.0	1.0
2	17.0	26.3	21.4	63.2	15.921	13.6	0.0	0.0	0.0	8.0
3	17.0	23.2	18.8	81.8	16.059	15.9	17.9	6.4	24.3	1.3
4	16.0	22.4	18.6	86.3	16.450	16.2	4.6	0.0	4.6	0.7
5	15.0	26.3	20.0	74.0	17.152	15.1	0.2	0.1	0.3	5.8
6	17.0	27.0	21.7	73.2	18.666	16.4	0.0	0.4	0.4	8.3
7	16.5	27.0	20.5	73.7	17.556	15.4	0.0	0.0	0.0	9.1
8	16.0	27.3	21.2	70.5	17.369	15.3	0.0	0.0	0.0	8.8
9	16.4	26.4	20.7	73.3	17.859	15.7	0.0	0.0	0.0	10.0
10	16.0	28.0	21.0	69.8	17.200	15.1	0.0	0.0	0.0	6.5
11	16.0	28.8	21.4	66.6	16.236	14.5	0.0	0.0	0.0	10.1
12	15.6	28.3	21.3	67.3	16.255	14.3	0.0	0.0	0.0	10.0
13	17.0	28.0	22.5	64.1	17.041	14.9	0.0	0.0	0.0	10.0
14	16.0	28.0	21.3	61.2	14.615	12.7	0.0	0.0	0.0	9.8
15	16.4	27.7	22.1	62.6	16.020	14.0	0.0	0.0	0.0	9.8
16	16.6	27.0	18.2	50.3	18.618	16.5	1.3	0.1	1.4	9.2
17	17.0	28.0	16.8	78.2	16.553	14.9	0.9	4.5	5.4	1.7
18	17.0	28.0	20.5	79.2	18.249	16.9	1.0	0.0	1.0	5.5
19	16.6	26.0	19.6	81.2	18.635	16.4	19.6	0.0	19.6	5.7
20	16.4	23.0	19.8	79.7	18.539	16.3	3.5	0.0	3.5	4.4
21	15.6	23.3	20.2	78.4	18.945	16.7	0.5	0.0	0.5	4.9
22	17.0	23.3	20.8	78.4	18.950	14.5	0.0	0.0	0.0	6.1
23	15.0	22.7	18.2	69.4	16.161	14.2	0.0	0.0	0.0	6.5
24	15.5	22.2	19.3	59.9	15.746	13.7	0.0	0.0	0.0	9.6
25	17.0	22.6	20.2	80.0	15.746	16.7	0.6	3.6	4.2	2.5
26	16.8	20.8	18.0	72.2	17.423	15.3	0.0	0.0	0.0	4.5
27	15.3	27.6	20.8	64.5	15.239	13.8	0.0	0.0	0.0	9.4
28	15.0	28.0	21.4	64.4	15.797	13.8	0.0	0.0	0.0	9.6
29	16.4	24.0	20.0	74.7	17.335	15.3	0.0	0.0	0.0	2.2
PROM	16.3	26.1	20.6	72.6	17.275	15.1	50.1	15.1	65.2	190.5

ESTACION: P I A M O N T E
 ALTITUD: 1.330

MUNICIPIO: F R E D N O N I A
 LATITUD: 5-54 N.

AÑO: 1.980
 LONGITUD: 75-38 W.

M E S - M A R Z O

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	27.6	21.1	64.1	15.452	13.5	0.0	0.0	0.0	9.7
2	16.4	27.6	21.7	67.8	17.150	15.1	0.0	0.0	0.0	9.3
3	16.8	29.3	22.0	66.7	17.378	15.3	0.0	0.0	0.0	9.0
4	16.3	28.4	22.0	72.6	16.735	16.5	0.0	0.0	0.0	9.3
5	17.6	26.3	21.0	72.8	17.555	15.2	0.0	0.0	0.0	4.7
6	15.0	28.3	21.1	68.1	16.433	14.4	0.0	0.0	0.0	9.7
7	15.3	28.3	22.3	63.9	16.447	14.4	0.0	0.0	0.0	9.4
8	17.3	27.3	21.8	71.6	18.311	16.1	0.0	0.0	0.0	5.6
9	16.4	27.0	21.2	72.7	17.558	15.8	0.0	0.0	0.0	7.7
10	16.0	28.8	21.8	72.2	18.272	16.1	0.3	0.0	0.3	7.3
11	17.0	30.3	23.0	69.9	17.215	15.1	0.0	0.0	0.0	7.2
12	17.0	30.8	24.2	59.2	16.502	14.4	0.0	0.1	0.1	6.7
13	17.6	30.5	24.2	58.0	16.550	14.5	0.0	0.0	0.0	8.9
14	18.0	27.4	21.3	71.0	18.174	16.0	0.0	0.1	0.1	4.2
15	18.0	27.3	22.6	68.4	18.368	16.2	0.0	0.0	0.0	4.0
16	16.6	27.0	21.8	66.6	17.451	15.3	0.0	0.0	0.0	4.0
17	17.0	28.2	22.9	63.4	17.081	18.0	0.0	0.0	0.0	3.9
18	17.0	26.8	21.1	77.0	15.164	16.8	0.0	4.9	4.5	2.1
19	16.0	26.4	22.7	73.0	17.276	15.0	0.0	0.2	0.2	5.3
20	15.8	28.3	20.7	64.5	15.190	13.2	0.0	0.0	0.0	8.0
21	16.1	30.4	22.8	58.1	15.245	13.2	0.0	0.0	0.0	9.6
22	17.0	27.0	22.1	63.3	16.811	14.5	0.0	0.0	0.0	6.3
23	16.3	30.0	22.5	67.0	17.640	15.7	0.1	0.0	0.1	10.1
24	16.3	30.8	24.0	63.1	16.088	15.9	0.0	0.0	0.0	9.8
25	19.0	27.3	22.0	73.0	19.309	17.0	0.0	0.0	0.0	3.0
26	17.0	32.0	24.7	55.9	16.365	14.3	0.0	0.0	0.0	9.6
27	18.0	32.0	24.8	51.0	14.836	12.8	0.0	0.0	0.0	10.0
28	18.0	32.3	25.4	55.5	14.874	14.8	0.0	0.0	0.0	9.3
29	18.0	32.2	25.5	55.1	17.144	15.1	0.0	0.1	0.1	8.4
30	18.0	35.4	20.3	84.8	20.066	17.6	7.5	0.0	7.5	2.8
31	16.0	31.0	23.8	62.4	17.368	15.3	0.0	0.0	0.0	8.9
PROM.	16.6	28.8	22.5	66.1	17.316	15.2	7.9	5.0	12.9	226.8

M E S - A B R I L

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	31.1	22.0	66.4	17.631	15.5	2.1	0.0	2.1	8.6
2	17.0	28.6	21.8	66.5	16.875	14.8	0.0	0.5	0.5	7.0
3	16.6	26.0	20.0	78.8	18.338	16.1	1.5	0.0	1.5	2.9
4	16.2	27.0	21.5	68.3	17.403	15.3	0.0	0.0	0.0	7.1
5	17.0	28.0	21.7	64.5	16.486	14.5	0.0	0.0	0.0	9.0
6	17.0	27.3	20.8	72.7	17.984	15.8	0.1	0.0	0.1	5.8
7	15.0	24.8	15.9	76.9	17.724	15.6	0.0	0.2	0.2	0.5
8	17.3	24.3	19.8	82.2	18.667	16.6	3.2	0.0	3.2	1.1
9	16.6	28.6	23.1	64.2	17.360	15.3	0.0	24.1	24.1	8.8
10	16.6	28.0	21.3	75.4	18.802	16.5	0.0	0.0	0.0	7.4
11	18.0	28.0	22.8	62.2	16.703	14.7	0.0	0.0	0.0	8.2
12	16.3	29.5	21.6	65.9	16.632	14.6	0.0	0.0	0.0	9.8
13	17.6	28.3	23.8	60.8	17.326	15.2	0.0	0.3	0.3	8.8
14	17.0	27.3	21.6	72.2	18.170	16.0	0.0	0.9	0.9	5.5
15	17.0	26.6	21.3	71.5	17.664	15.5	0.0	0.0	0.0	2.7
16	16.4	31.0	22.3	65.0	17.114	15.0	0.4	0.0	0.4	9.1
17	16.0	29.3	23.2	58.9	15.625	13.9	0.0	0.0	0.0	8.6
18	17.0	30.3	24.1	58.2	16.345	14.3	0.0	0.0	0.0	8.6
19	18.0	30.5	24.4	50.3	14.575	12.6	0.0	0.0	0.0	9.8
20	19.0	29.0	24.0	63.6	16.080	14.0	0.0	0.0	0.0	3.8
21	19.0	29.4	23.2	63.4	18.002	15.8	0.0	0.0	0.0	6.8
22	18.0	27.3	22.4	68.2	17.665	15.5	0.0	19.0	19.0	3.7
23	17.0	27.3	20.3	83.2	19.809	17.3	2.5	20.9	23.4	5.2
24	17.0	24.0	18.8	86.0	18.522	16.6	10.0	0.0	10.0	1.5
25	16.0	25.3	19.8	64.1	19.258	17.0	0.6	2.2	2.8	2.8
26	17.0	24.3	20.0	77.1	17.956	15.8	0.0	0.0	0.0	2.5
27	16.0	28.4	21.9	72.6	18.852	16.6	0.0	0.0	0.0	2.3
28	16.3	27.0	21.3	77.0	15.476	17.1	0.9	8.7	9.6	7.3
29	16.0	24.6	19.3	82.2	16.328	16.1	0.0	0.0	0.0	9.5
30	18.0	27.4	22.7	71.3	19.542	17.1	0.0	0.0	0.0	8.0
PROM	17.0	27.6	21.7	70.0	17.728	15.6	21.3	76.8	98.1	182.7

ESTACION: P I A M O N T E

MUNICIPIO: F R E D C N I A

A R O:

1-980

ALTITUD: 1.330

LATITUD: 5-54 N.

LONGITUD: 75-38 W.

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M E S - M A Y C

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	25.2	20.9	76.3	18.549	16.6	0.0	17.0	17.0	2.9
2	16.0	24.2	20.3	81.6	16.469	17.1	0.0	0.0	0.0	2.6
3	16.0	26.6	21.2	72.1	18.130	15.9	0.0	0.0	0.0	6.9
4	15.0	28.0	21.3	59.8	14.730	12.7	0.4	0.0	0.4	10.0
5	16.0	27.2	21.2	68.8	17.232	15.1	0.0	0.0	0.0	9.5
6	18.0	26.3	21.6	75.8	19.285	16.9	0.9	2.3	3.2	5.6
7	16.0	25.8	20.7	77.3	18.704	16.4	0.0	20.0	20.0	7.9
8	18.0	26.0	21.2	78.5	19.534	17.1	0.0	30.0	30.0	4.5
9	15.6	25.0	20.3	41.9	16.356	17.0	37.5	0.0	37.5	3.2
10	15.6	26.3	20.4	82.3	19.751	17.3	0.0	0.0	0.0	6.3
11	18.0	29.0	22.0	75.7	20.385	17.7	0.0	0.0	0.0	8.7
12	18.6	29.0	22.8	69.8	19.462	17.1	0.0	0.0	0.0	8.2
13	18.0	24.3	20.5	83.0	20.163	17.7	0.0	1.0	1.0	0.0
14	18.0	23.0	19.8	84.6	18.542	17.1	0.0	70.0	70.0	2.6
15	17.0	24.0	19.8	84.2	19.471	17.1	1.2	0.4	1.6	7.3
16	16.0	27.0	21.6	74.6	18.956	16.6	0.0	0.0	0.0	0.0
17	18.0	26.3	21.2	83.1	21.162	18.4	1.0	0.0	1.0	2.9
18	16.6	25.3	19.7	84.8	20.061	17.5	13.1	27.0	40.1	3.7
19	15.6	26.0	20.8	83.3	20.344	17.7	0.8	0.0	0.8	7.2
20	18.0	27.0	22.7	79.1	20.659	18.0	0.0	0.0	0.0	6.6
21	18.0	25.4	21.5	81.0	20.680	18.2	0.0	0.0	0.0	2.2
22	18.0	27.0	21.6	78.8	20.316	17.8	0.0	0.0	0.0	5.6
23	16.6	25.0	20.9	76.7	18.808	16.5	0.0	0.0	0.0	2.6
24	17.0	26.0	20.5	81.1	19.728	17.2	0.0	0.0	0.0	7.2
25	16.0	25.8	20.0	79.2	18.603	16.4	0.2	0.6	0.8	5.8
26	17.0	26.0	20.6	83.4	20.258	17.7	0.0	11.5	11.5	3.1
27	17.0	26.0	20.5	82.4	19.853	17.4	0.0	0.0	0.0	4.1
28	16.4	26.6	21.0	78.7	19.429	17.1	0.0	0.0	0.0	3.0
29	16.3	26.2	21.5	74.2	18.855	16.6	0.0	0.5	0.5	8.8
30	16.0	26.6	20.8	76.0	18.617	16.4	0.0	39.0	39.0	7.6
31	17.0	25.0	20.0	83.8	19.793	17.3	0.3	27.6	27.9	5.9
PROM.	16.9	26.0	20.9	78.3	19.376	17.0	55.4	246.9	302.3	165.0

M E S - J U N I O

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	23.0	18.5	87.7	18.909	16.6	13.0	0.0	13.0	1.3
2	16.0	25.0	19.2	80.2	17.672	15.8	0.0	0.0	0.0	3.4
3	16.0	27.0	21.5	78.0	20.264	17.7	0.0	1.8	1.8	5.5
4	16.0	27.0	21.3	82.4	21.089	18.3	0.0	0.0	0.0	8.9
5	18.0	27.0	21.5	81.6	21.115	18.3	0.0	1.1	1.1	6.2
6	16.4	26.2	21.4	63.7	21.329	18.4	0.0	0.0	0.0	4.4
7	17.0	27.4	22.4	76.6	20.653	18.0	0.0	0.0	0.0	8.9
8	17.4	27.0	21.9	76.8	20.357	17.7	0.0	0.0	0.0	8.7
9	17.4	26.0	21.7	78.4	20.446	17.9	0.0	16.5	16.5	5.7
10	17.0	22.2	19.8	88.5	20.283	17.7	5.4	3.3	8.7	0.8
11	17.5	25.0	20.8	85.7	21.201	18.4	0.5	15.0	15.5	4.6
12	17.0	24.0	19.8	82.2	19.105	16.6	2.7	15.7	18.4	1.6
13	16.6	23.0	19.1	85.1	18.706	16.4	0.7	0.0	0.7	3.7
14	15.6	29.0	22.0	67.9	17.606	15.3	0.0	0.0	0.0	9.5
15	15.0	28.0	21.9	65.4	17.434	15.3	0.0	0.0	0.0	9.2
16	15.6	28.0	22.4	65.5	18.046	15.6	0.0	0.0	0.0	9.9
17	16.6	27.0	21.6	78.2	20.107	17.5	0.0	0.0	0.0	8.7
18	17.0	26.4	21.6	77.4	19.539	17.5	0.0	1.7	1.7	6.7
19	17.0	29.0	20.6	83.6	20.282	17.8	0.0	19.4	19.4	2.0
20	17.4	21.0	18.7	91.4	19.551	17.4	13.0	0.0	13.0	0.0
21	15.6	26.5	19.9	65.7	20.419	17.8	7.9	11.0	18.9	5.5
22	16.4	25.0	20.1	79.4	18.000	16.4	0.0	3.1	3.1	3.1
23	15.5	26.0	20.9	82.4	20.242	17.6	0.0	0.0	0.0	7.2
24	16.0	27.0	21.4	82.5	21.247	18.3	0.0	0.0	0.0	9.8
25	17.0	27.3	21.8	78.1	20.466	17.9	0.0	17.3	17.3	8.6
26	16.6	26.5	20.7	82.4	20.217	17.6	0.0	0.0	0.0	6.8
27	17.0	28.0	22.1	68.4	18.179	15.8	0.0	0.0	0.0	7.3
28	15.6	29.0	23.5	59.1	17.033	14.7	0.0	0.0	0.0	9.5
29	16.6	27.6	22.6	63.2	17.006	14.9	0.0	0.0	0.0	9.2
30	16.4	27.0	21.6	72.8	18.546	16.6	0.0	0.0	0.0	9.6
PROM.	16.5	26.2	21.1	78.4	19.576	17.1	43.2	105.9	149.1	186.4

ESTACION: PIANONTE
 ALTITUD: 1.330

MUNICIPIO: FREDONIA
 LATITUD: 5-54 N.

AÑO: 1.980
 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	16.0	27.0	21.0	74.2	18.633	16.4	0.0	0.0	0.0	7.0
2	16.6	27.0	21.3	76.0	18.447	17.0	0.0	0.0	0.0	7.5
3	15.6	26.0	21.0	77.1	19.055	16.7	0.0	0.0	0.0	8.9
4	15.0	28.0	22.0	67.3	17.476	15.3	0.0	0.0	0.0	9.6
5	16.5	31.0	24.2	52.4	14.668	12.8	0.0	0.0	0.0	9.8
6	16.0	29.0	21.7	67.2	17.469	15.5	0.0	0.0	0.0	7.3
7	16.8	27.0	21.0	80.7	20.059	17.5	0.0	0.0	0.0	6.5
8	15.0	29.0	19.8	80.0	18.545	16.3	0.0	0.1	0.1	7.7
9	15.0	23.0	18.3	69.2	18.614	16.5	1.4	1.1	2.5	2.7
10	15.0	24.0	20.3	83.9	19.561	17.5	0.0	0.0	0.0	3.4
11	16.0	26.0	20.4	82.4	19.719	17.3	0.0	0.0	0.0	6.0
12	15.0	27.0	20.6	80.3	19.729	17.1	0.0	0.0	0.0	5.8
13	16.0	28.0	21.2	69.1	17.128	15.0	0.0	0.0	0.0	9.3
14	16.0	28.0	21.5	75.3	19.378	17.0	0.0	0.0	0.0	9.1
15	16.0	27.4	21.0	74.6	18.641	16.4	0.0	0.0	0.0	9.4
16	15.0	27.0	20.2	80.1	18.655	16.5	0.0	0.0	0.0	8.7
17	16.0	28.0	22.1	76.4	20.075	17.5	0.0	0.0	0.0	9.5
18	16.4	28.0	21.7	80.3	20.439	17.8	0.0	0.0	0.0	7.9
19	17.0	30.0	22.1	79.0	21.079	18.3	0.0	0.0	0.0	6.9
20	17.0	29.0	22.3	75.0	20.151	17.7	0.0	1.3	1.3	7.6
21	16.4	28.3	21.1	74.4	18.049	16.7	0.1	0.1	0.2	7.0
22	15.5	28.4	19.9	85.5	20.204	17.6	9.2	0.3	9.5	8.7
23	16.0	26.3	20.7	85.5	20.621	18.1	0.0	44.9	44.9	6.6
24	15.3	25.0	19.0	90.8	19.572	17.4	0.0	13.5	13.5	3.4
25	15.0	26.3	19.5	87.4	20.122	17.5	0.0	7.1	7.1	5.7
26	16.0	26.2	16.7	89.6	20.642	18.0	4.3	1.1	5.4	4.8
27	16.0	26.4	20.8	86.5	21.502	18.6	0.0	6.9	6.9	5.9
28	15.6	25.0	19.8	85.0	19.626	17.2	0.3	15.5	15.8	4.6
29	16.4	25.0	19.6	93.1	21.558	18.6	4.9	0.0	4.9	4.7
30	17.0	28.0	21.8	83.6	21.732	18.8	0.0	0.6	0.6	9.2
31	15.0	24.0	18.4	87.1	18.543	16.3	0.0	0.0	0.0	3.8
PROM.	15.9	27.0	20.8	79.6	19.474	17.0	20.8	97.7	118.5	216.8

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mm.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	26.0	20.3	83.0	20.240	17.6	0.0	2.4	2.4	7.5
2	15.0	27.0	21.3	80.2	20.152	17.6	0.0	0.0	0.0	7.7
3	16.0	15.5	20.6	84.2	20.826	17.6	0.0	1.1	1.1	3.6
4	15.4	26.3	21.0	77.4	19.368	17.0	0.0	0.8	0.8	5.6
5	17.0	26.0	21.1	79.4	19.663	17.4	0.0	0.0	0.0	5.4
6	16.6	27.0	21.3	80.3	20.303	17.7	0.0	0.1	0.1	8.8
7	17.0	24.3	20.3	90.8	21.539	18.7	1.2	29.8	31.0	2.2
8	16.0	22.0	18.5	91.2	19.850	17.1	1.6	0.0	1.6	0.5
9	16.0	26.0	20.2	87.0	20.643	18.0	0.0	23.8	23.8	5.2
10	16.0	25.0	19.8	88.3	20.477	17.5	1.1	0.0	1.1	7.1
11	15.4	27.0	21.3	73.2	18.755	16.4	0.0	0.0	0.0	8.1
12	14.0	28.2	21.1	73.0	17.720	15.6	0.0	0.0	0.0	9.5
13	16.0	28.0	20.6	78.5	19.312	16.9	0.0	0.0	0.0	8.3
14	16.3	27.0	21.1	81.7	20.433	17.8	0.0	0.0	0.0	6.9
15	16.6	28.0	21.4	82.1	21.166	18.4	10.9	1.5	12.4	6.5
16	15.5	25.0	20.8	87.1	21.077	18.3	0.0	4.6	4.6	5.0
17	16.0	24.4	19.7	89.1	20.627	18.0	0.0	6.7	6.7	2.1
18	14.5	26.3	19.5	85.6	19.261	16.8	0.8	0.2	1.0	6.8
19	15.8	25.2	20.5	85.1	20.361	17.8	0.0	0.0	0.0	6.3
20	16.5	27.0	20.9	82.2	20.744	18.1	0.0	0.0	0.0	5.6
21	15.4	26.3	20.2	79.4	18.823	16.6	0.0	0.7	0.7	5.8
22	16.4	27.0	21.5	79.3	20.230	17.7	0.0	3.0	3.0	7.8
23	14.3	28.3	21.6	67.6	16.555	14.5	0.0	0.0	0.0	9.2
24	14.0	30.4	23.1	54.6	14.660	12.8	0.0	0.0	0.0	10.1
25	15.0	30.4	22.9	66.5	16.485	16.2	0.0	0.0	0.0	9.6
26	16.5	17.2	21.6	75.0	19.065	16.7	0.0	0.0	0.0	5.6
27	16.4	25.2	21.6	69.2	17.516	15.7	0.0	0.0	0.0	5.6
28	15.6	27.3	21.4	81.7	18.064	15.9	0.0	0.2	0.2	7.6
29	16.6	26.4	19.9	85.1	20.146	17.6	4.0	5.7	9.7	5.1
30	15.6	26.2	20.9	81.3	20.165	17.6	0.0	0.0	0.0	7.5
31	16.0	28.0	21.4	76.7	20.011	17.5	0.0	0.0	0.0	8.0
PROM.	15.6	26.6	20.9	79.6	19.570	17.1	19.6	79.8	99.4	204.6

ESTACION: PIA MONTE
 ALTITUD: 1.330

MUNICIPIO: FREDONIA
 LATITUD: 5-54 N.

ARO: 1-980
 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	16.3	26.0	19.6	85.7	15.950	17.4	21.0	0.4	21.4	5.3
2	16.0	27.2	19.8	83.7	15.459	17.0	7.6	1.2	8.8	6.1
3	15.3	26.3	21.4	85.8	21.658	18.7	0.3	0.0	0.3	6.9
4	15.5	26.1	22.1	69.0	17.640	15.4	0.0	7.5	7.5	9.2
5	15.5	26.3	20.6	89.3	21.768	18.8	0.0	0.0	0.0	4.8
6	17.7	29.0	22.3	80.3	21.664	18.8	0.0	0.0	0.0	6.7
7	16.4	28.3	21.4	74.3	18.506	16.6	0.0	0.0	0.0	6.8
8	17.0	29.8	22.8	75.4	20.734	18.0	0.0	14.7	14.7	7.0
9	16.4	27.3	20.8	87.6	21.666	18.7	0.0	0.0	0.0	9.8
10	15.4	30.0	22.8	67.4	18.331	16.0	0.0	0.0	0.0	8.7
11	16.4	30.2	22.1	63.3	16.383	14.3	0.0	0.0	0.0	7.6
12	17.4	28.3	21.9	74.3	19.610	17.2	0.7	3.1	3.8	6.8
13	16.0	29.4	21.1	78.7	15.528	17.4	0.0	10.9	10.9	4.2
14	16.0	26.0	21.2	81.2	20.363	17.8	8.0	0.2	8.2	0.2
15	16.6	26.0	19.2	93.8	20.666	18.2	0.0	0.0	0.0	4.6
16	16.6	26.3	21.0	84.6	21.151	18.4	0.0	0.0	0.0	8.1
17	15.5	27.4	21.3	78.3	15.526	17.5	0.0	17.4	18.2	5.4
18	15.5	27.0	20.8	78.0	16.270	16.9	0.0	3.1	3.1	6.0
19	16.4	25.3	20.3	85.0	15.401	17.0	0.0	13.5	13.5	6.8
20	15.5	25.8	20.1	85.0	20.116	17.6	0.4	0.3	0.7	3.3
21	17.0	24.6	20.2	84.0	19.264	17.4	0.0	11.2	11.2	5.9
22	15.5	25.3	20.8	83.3	20.715	18.0	0.0	0.0	0.0	9.6
23	16.0	25.6	20.7	72.9	20.740	18.1	0.0	0.0	0.0	6.7
24	16.6	26.0	20.8	79.4	15.363	17.0	0.0	0.0	0.0	7.1
25	14.4	24.0	15.9	85.3	15.553	17.5	0.0	3.0	3.0	5.2
26	15.0	25.3	20.7	80.0	15.707	17.3	0.0	1.5	1.5	6.7
27	16.0	25.3	19.6	86.4	20.163	17.6	0.0	23.2	23.2	1.1
28	16.0	26.4	21.5	80.9	20.500	18.2	3.8	0.0	3.8	5.5
29	17.0	22.2	15.2	90.2	20.373	17.8	11.0	18.6	29.6	6.9
30	17.0	26.3	21.0	85.8	21.379	18.5	0.6	9.1	9.7	
PROM.	16.1	26.6	20.9	81.2	20.072	17.5	54.4	138.9	193.3	197.6

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	16.3	25.3	20.6	85.9	20.604	18.1	0.0	15.2	15.2	3.6
2	17.3	25.3	20.3	86.6	20.788	18.1	0.5	0.0	0.5	8.3
3	17.3	25.0	21.4	82.5	20.607	18.1	0.0	18.9	18.9	5.5
4	16.0	25.3	20.1	85.4	20.102	17.6	0.0	20.3	20.3	8.6
5	15.6	25.3	19.2	84.5	18.572	16.7	0.0	23.2	23.2	4.7
6	16.6	24.3	19.6	87.4	19.591	17.5	16.8	11.0	27.6	5.0
7	16.4	23.1	15.6	90.5	20.724	18.0	2.3	19.0	21.3	2.1
8	14.6	25.1	15.7	83.4	15.162	16.8	0.0	0.4	0.4	6.3
9	16.4	26.0	20.1	88.2	21.219	18.5	0.3	24.0	24.3	5.9
10	16.0	22.0	18.1	92.0	15.353	17.0	0.0	0.0	0.0	0.2
11	14.0	25.4	19.3	85.1	15.363	17.0	27.8	0.0	27.8	7.8
12	14.6	25.6	15.6	82.6	15.138	16.8	0.0	0.0	0.0	7.4
13	14.6	25.4	20.3	87.0	20.630	18.2	0.0	1.7	1.7	7.8
14	15.3	26.3	19.2	88.1	20.243	17.7	3.0	52.8	55.8	9.2
15	13.6	24.3	19.5	89.7	20.260	17.7	0.2	19.1	19.3	5.9
16	16.3	24.4	15.8	88.7	20.608	18.0	0.0	0.0	0.0	4.4
17	16.2	22.2	15.0	93.5	20.512	17.9	2.3	1.0	3.3	1.6
18	15.6	22.4	18.8	86.2	18.822	16.5	2.0	50.1	52.1	3.7
19	14.0	23.6	18.8	88.2	15.260	16.9	0.0	4.3	4.3	2.3
20	16.6	20.4	17.7	93.4	18.574	16.7	5.3	0.0	5.3	1.9
21	14.0	25.0	19.8	88.3	20.546	17.9	0.0	9.7	9.7	7.6
22	15.0	25.4	19.9	86.1	20.204	17.7	0.0	0.0	0.0	6.9
23	15.5	28.3	21.9	82.6	21.873	18.9	0.0	0.0	0.0	7.1
24	15.4	27.3	21.0	79.6	20.036	17.5	0.0	19.4	19.4	8.5
25	16.0	27.0	22.3	77.5	21.054	18.3	0.0	0.0	0.0	6.9
26	15.4	25.3	20.5	87.1	21.204	18.3	0.0	0.0	0.0	6.3
27	17.0	26.0	21.6	81.0	20.656	18.2	0.0	0.0	0.0	7.5
28	15.3	21.3	17.6	90.8	18.455	16.2	0.0	3.6	3.6	8.7
29	14.5	27.1	20.4	84.2	20.414	17.8	0.0	0.0	0.0	0.5
30	16.0	25.3	20.5	87.5	21.054	18.3	0.0	0.0	0.0	6.6
31	15.6	24.3	20.3	83.5	20.450	17.8	0.0	0.0	0.0	3.8
PROM	15.6	24.8	19.9	86.4	20.202	17.6	60.6	293.7	354.3	166.6

ESTACION: PIANONTE

MUNICIPIO: FREDONIA

AÑO:

1.980

ALTITUD: 1.330

LATITUD: 5-54 N.

LONGITUD: 75-38 W.

13

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	25.8	21.0	83.4	20.662	18.1	0.0	18.2	18.2	
2	15.0	23.8	19.3	69.1	19.530	17.4	0.0	1.0	1.0	6.2
3	17.0	26.6	20.5	88.3	21.570	19.0	15.5	1.3	16.8	2.9
4	15.0	25.0	20.7	85.7	21.035	18.3	0.0	21.9	21.9	7.0
5	15.0	21.0	16.5	53.5	20.072	17.6	6.8	0.0	6.8	1.0
6	16.0	22.0	18.4	87.7	18.844	16.5	1.9	0.0	1.9	2.2
7	15.0	24.3	19.8	81.9	18.517	16.6	0.0	9.0	9.0	6.2
8	15.3	22.2	18.9	81.8	17.530	15.7	0.4	0.0	0.4	2.7
9	14.0	24.3	18.5	66.7	18.950	16.6	7.8	0.0	7.8	6.4
10	14.3	25.3	19.1	83.5	18.760	16.4	0.0	0.0	0.0	3.8
11	16.0	25.6	21.0	77.2	19.635	17.2	0.0	0.5	0.5	7.0
12	16.0	24.0	19.6	85.8	18.536	17.1	0.4	0.4	0.8	3.1
13	16.0	23.0	19.2	89.4	18.778	17.3	2.8	9.5	12.3	3.1
14	16.0	23.0	20.8	85.5	20.665	18.2	0.0	39.0	39.0	5.3
15	16.0	24.0	19.4	85.3	19.410	17.0	0.0	25.7	25.7	6.5
16	15.0	26.0	16.9	89.6	17.452	15.3	5.5	0.0	5.5	3.3
17	15.0	25.0	19.7	69.5	20.750	18.1	0.0	0.0	0.0	6.8
18	15.0	24.9	20.3	62.5	20.227	17.7	0.0	0.0	0.0	7.9
19	16.0	23.6	19.4	82.5	18.651	16.6	0.0	0.0	0.0	7.3
20	14.0	25.2	20.0	85.2	19.504	17.3	0.0	0.0	0.0	8.9
21	17.0	25.0	19.3	83.4	19.059	16.7	0.0	0.3	0.3	7.1
22	16.0	25.0	19.3	84.0	19.131	16.8	0.0	19.8	19.8	7.4
23	16.0	24.3	19.4	85.7	19.126	16.8	0.0	9.1	9.1	5.8
24	17.0	22.0	18.6	86.0	20.723	18.1	0.6	0.0	0.6	0.1
25	16.0	26.0	19.8	87.4	20.273	17.7	25.0	35.2	60.2	7.0
26	16.0	25.0	19.4	91.6	21.147	18.3	0.0	6.5	6.5	8.4
27	15.0	23.6	20.2	84.9	20.551	17.9	0.0	5.1	5.1	6.4
28	16.0	24.1	19.1	90.6	20.325	17.7	0.0	0.2	0.2	4.8
29	15.3	23.3	18.0	93.9	20.030	17.5	15.5	0.9	16.4	9.3
30	15.1	24.3	19.3	85.7	19.452	17.0	0.0	0.0	0.0	
PROM.	15.6	24.4	19.4	86.6	19.750	17.3	82.2	203.6	285.8	

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	15.1	25.1	19.3	83.6	19.143	16.8	1.3	0.0	1.3	7.3
2	14.4	25.0	19.1	87.6	19.587	17.2	0.3	0.0	0.3	6.5
3	16.0	25.3	20.7	76.0	18.475	16.3	0.0	22.1	22.1	6.8
4	15.0	23.3	18.4	87.2	18.685	16.4	4.2	31.8	36.0	5.1
5	15.0	24.3	19.2	85.6	19.165	16.8	0.0	0.0	0.0	5.6
6	15.0	23.3	19.1	87.3	19.462	17.1	0.0	0.0	0.0	4.9
7	14.0	26.0	19.2	83.3	18.566	16.3	0.0	0.0	0.0	8.1
8	15.6	23.0	19.1	90.1	19.662	17.5	0.0	6.7	6.7	0.8
9	15.6	25.6	19.5	89.7	20.547	18.2	1.4	0.0	1.4	7.2
10	14.0	25.0	19.7	83.9	18.622	16.6	0.0	0.0	0.0	5.7
11	14.1	24.0	19.3	88.5	19.501	17.4	0.0	13.0	13.0	7.4
12	15.0	24.4	19.2	83.8	18.519	16.6	0.0	21.1	21.1	6.5
13	15.0	24.0	18.2	86.4	18.304	16.1	0.0	0.0	0.0	5.0
14	15.6	24.3	19.4	87.3	19.656	17.4	0.0	0.0	0.0	9.3
15	15.3	25.3	18.9	85.8	18.505	16.6	0.0	0.0	0.0	9.0
16	14.0	25.6	19.9	87.6	20.424	17.8	0.0	43.2	43.2	8.0
17	14.4	22.6	18.3	91.1	19.455	17.1	0.7	0.3	1.0	2.6
18	14.6	24.3	19.2	87.5	19.715	17.3	1.0	0.0	1.0	6.8
19	15.0	25.0	19.8	82.8	19.057	16.7	0.0	0.0	0.0	8.1
20	14.6	23.3	20.5	89.7	19.431	17.0	0.0	22.2	22.2	9.1
21	15.4	23.0	19.8	87.1	20.136	17.6	0.2	0.0	0.2	3.9
22	15.0	23.6	19.1	86.5	19.563	17.1	0.0	0.0	0.0	7.8
23	14.6	23.6	18.6	78.5	16.777	14.7	0.4	0.9	1.3	6.0
24	15.6	24.0	19.4	85.0	19.135	16.8	0.0	3.0	3.0	4.5
25	15.3	22.2	18.9	89.6	19.718	17.3	0.3	29.5	29.8	8.0
26	15.0	22.2	18.4	82.2	17.328	15.2	0.0	2.9	2.9	6.2
27	14.6	24.1	18.6	81.8	17.340	15.2	0.4	6.6	7.0	6.8
28	12.6	23.6	17.5	66.5	17.112	15.0	4.5	10.3	14.8	5.8
29	14.0	23.3	18.7	87.8	19.052	16.7	0.4	0.0	0.4	6.8
30	14.6	23.3	19.6	81.7	18.366	16.1	0.0	1.4	1.4	7.6
31	16.0	22.0	18.8	84.3	19.564	17.2	0.3	0.0	0.3	1.4
PROM.	14.8	24.1	19.1	85.6	19.066	16.7	15.4	215.0	230.4	182.6

ESTACION: PIAMONTE

MUNICIPIO: FREDCNIA

AÑO: 1.980

ALTITUD: 1.330

LATITUD: 5-54 N.

LONGITUD: 75-38 W.

14

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días (lluvias)	
ENERO	16.2	26.1	20.7	15.0	28.6	75.4	18.169	15.9	58.5	11	212.1
FEBRERO	16.3	26.1	20.6	15.0	30.0	72.6	17.275	15.1	65.2	11	190.5
MARZO	16.6	28.8	22.5	14.6	32.3	66.1	17.316	15.2	12.9	8	226.8
ABRIL	17.0	27.6	21.7	15.0	31.1	70.0	17.728	15.6	98.1	15	182.7
MAYO	16.9	26.0	20.9	15.0	29.0	76.3	19.376	17.0	302.3	17	165.0
JUNIO	16.5	26.2	21.1	15.0	29.0	76.4	15.576	17.1	149.1	14	166.4
JULIO	15.9	27.0	20.8	15.0	31.0	75.8	15.474	17.0	118.5	14	216.8
AGOSTO	15.8	26.6	20.9	14.0	30.4	75.6	15.570	17.1	95.4	15	204.6
SEPTIEMBRE	16.1	26.6	20.9	14.4	30.2	81.2	20.072	17.5	193.3	20	197.6
OCTUBRE	15.6	24.6	19.9	13.6	26.3	66.4	20.202	17.6	354.3	21	166.6
NOVIEMBRE	15.6	24.4	19.4	14.0	26.8	66.6	19.750	17.3	285.8	24	
DICIEMBRE	14.8	24.1	19.1	12.6	26.0	65.6	19.066	16.7	230.4	22	182.6
PROMEDIO	16.1	26.2	20.7	14.4	29.4	76.3	18.968	16.6			
TOTAL									1567.8	192	

ESTACION: MIGUEL VALENCIA

MUNICIPIO: JARDIN

AÑO: 1.980

ALTITUD: 1.570

LATITUD: 5-32 N.

LONGITUD: 75-51 W.

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M E S - ENERC

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	25.1	19.6	65.0	19.171	16.6	0.4	3.6	4.0	4.1
2	17.0	24.1	19.2	60.0	17.700	15.5	2.6	1.3	3.9	5.6
3	15.3	27.1	19.7	60.0	16.007	15.8	0.0	0.0	0.0	6.3
4	15.8	27.0	20.6	77.3	16.356	16.1	0.0	0.0	0.0	7.6
5	15.1	27.0	19.6	60.5	18.137	15.9	3.0	0.0	3.0	6.3
6	18.1	28.0	19.1	63.5	18.759	16.5	0.0	0.0	0.0	8.1
7	13.1	27.0	19.0	77.2	16.421	14.4	0.0	0.0	0.0	8.7
8	13.1	28.1	19.5	75.5	16.377	14.3	0.0	0.0	0.0	7.4
9	13.7	28.1	19.9	76.5	17.153	15.0	0.0	0.0	0.0	10.0
10	14.6	26.0	19.3	77.7	16.505	14.6	0.0	0.0	0.0	7.5
11	15.1	27.0	20.3	78.1	16.354	16.1	0.3	12.8	13.1	4.3
12	14.1	27.0	18.2	71.1	14.621	12.7	0.0	2.6	2.6	0.0
13	15.0	23.1	17.7	65.5	17.521	15.4	0.0	0.0	0.0	1.9
14	16.1	27.1	19.2	78.1	17.275	15.2	0.8	3.9	4.7	8.8
15	16.0	26.0	19.5	78.5	17.367	15.3	0.0	0.0	0.0	4.2
16	15.0	22.1	17.7	63.5	16.441	14.8	1.8	0.6	2.4	0.7
17	16.0	23.1	18.4	82.1	17.143	15.0	0.0	1.4	1.4	1.7
18	15.4	23.1	17.3	64.2	16.221	14.3	7.5	0.0	7.5	2.7
19	14.4	24.0	17.7	87.3	17.640	15.5	0.1	0.0	0.1	5.3
20	13.7	25.0	19.1	78.6	16.620	14.8	0.0	0.0	0.0	5.1
21	14.1	25.0	17.8	82.7	16.635	14.6	0.0	0.0	0.0	8.0
22	14.0	27.1	20.0	78.2	17.662	15.3	0.5	0.0	0.5	5.3
23	15.0	26.1	21.0	79.5	17.550	15.7	0.2	0.0	0.2	5.0
24	15.0	26.4	19.8	74.2	16.554	14.6	0.0	0.0	0.0	8.5
25	13.9	29.0	19.7	73.9	16.124	14.1	0.0	0.0	0.0	9.2
26	13.4	28.3	19.3	76.3	16.450	14.4	0.0	0.0	0.0	9.4
27	12.9	25.1	18.6	76.6	15.726	13.7	0.0	0.0	0.0	5.3
28	16.0	24.4	20.1	82.5	19.080	16.6	0.0	0.0	0.0	1.1
29	15.4	27.2	19.8	79.3	17.608	15.6	12.3	2.1	14.4	2.8
30	16.1	21.0	17.9	63.4	15.424	17.0	11.1	1.5	12.6	0.0
31	14.1	24.5	18.2	83.1	17.169	15.1	0.0	0.0	0.0	5.2
PROM.	14.6	25.7	19.1	60.1	17.354	15.2	40.6	29.8	70.4	166.3

M E S - FEBRER

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	22.0	16.1	88.6	18.351	16.1	2.3	1.7	4.0	0.5
2	15.4	25.1	19.3	62.0	16.530	16.3	0.0	0.9	0.9	2.9
3	17.0	22.0	18.3	66.0	18.569	16.3	8.3	50.3	58.6	0.4
4	16.0	25.1	19.6	82.5	18.452	16.2	0.2	0.3	0.5	2.4
5	16.0	26.0	19.3	75.5	16.260	14.1	1.0	0.0	1.0	7.9
6	15.4	26.4	20.2	75.6	17.551	15.4	0.0	2.9	2.9	6.8
7	17.0	28.0	20.2	75.6	17.410	15.2	0.0	0.0	0.0	8.5
8	15.1	26.2	20.1	77.0	17.738	15.5	0.0	0.0	0.0	4.6
9	16.4	25.8	19.4	64.4	16.546	16.6	0.0	0.0	0.0	4.3
10	16.0	27.2	20.0	77.3	17.468	15.3	0.0	0.0	0.0	5.8
11	14.0	26.6	19.3	73.9	15.515	13.6	0.0	0.0	0.0	10.4
12	13.4	28.4	19.5	74.1	16.053	14.1	0.0	0.0	0.0	10.4
13	15.7	29.1	21.0	66.4	15.975	13.9	0.0	0.0	0.0	10.1
14	12.7	23.1	18.6	69.4	14.210	12.2	0.0	0.0	0.0	9.9
15	14.2	27.1	20.4	70.2	16.142	14.1	0.0	1.0	1.0	7.3
16	15.4	21.4	18.7	86.5	16.638	16.4	0.8	0.5	1.3	0.7
17	16.0	23.0	18.5	83.5	17.704	15.6	4.8	0.0	4.8	1.8
18	14.1	23.1	19.8	75.2	16.553	14.8	1.9	20.8	22.7	5.3
19	15.0	24.3	19.1	63.5	18.032	15.8	0.9	0.0	0.9	3.6
20	15.4	26.1	19.3	79.4	17.351	15.2	2.8	5.0	7.8	8.1
21	14.4	23.0	19.5	80.5	17.774	15.5	12.2	10.6	22.8	5.7
22	15.4	26.1	19.1	80.3	17.458	15.3	0.0	0.0	0.0	7.8
23	12.1	26.4	18.5	79.4	16.157	14.0	0.7	0.0	0.7	7.6
24	15.1	27.0	19.9	77.4	17.509	15.4	0.0	6.8	6.8	4.7
25	17.0	22.3	16.4	62.2	19.512	17.1	0.0	0.0	0.0	0.0
26	16.0	23.2	18.1	64.5	17.551	15.3	0.0	0.0	0.0	2.2
27	14.0	26.1	19.5	73.2	16.007	14.0	0.0	0.0	0.0	8.9
28	14.5	27.0	21.2	71.5	16.562	14.7	0.0	0.8	0.8	7.2
29	15.1	20.0	17.6	91.8	18.545	16.3	1.4	0.0	1.4	1.1
PROM.	15.1	25.5	19.3	79.3	17.372	15.2	36.4	101.6	138.0	161.8

ESTACION: MIGUEL VALENCIA
 ALTITUD: 1.570

MUNICIPIO: JARDIN
 LATITUD: 5-32 N.

AÑO: 1.980
 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	15.4	27.3	19.5	75.8	16.535	14.3	0.0	0.0	0.0	9.2
2	15.3	27.1	19.9	76.6	17.151	15.0	0.3	2.9	3.2	8.9
3	15.6	26.0	19.1	79.3	17.256	15.1	0.4	0.0	0.4	9.5
4	14.0	25.0	19.1	75.9	16.357	14.2	0.0	5.9	5.9	5.7
5	16.1	26.0	19.5	80.9	18.123	15.9	0.0	0.0	0.0	8.6
6	16.4	28.0	19.5	78.4	17.212	14.9	0.0	0.0	0.0	8.9
7	13.3	27.0	22.6	64.5	15.659	13.6	0.0	0.0	0.0	6.0
8	15.0	26.1	20.2	80.9	18.360	15.9	0.2	0.0	0.2	6.3
9	15.0	27.0	20.6	74.0	17.321	15.2	0.0	0.0	0.0	4.9
10	15.0	26.3	19.9	77.0	17.323	15.2	0.0	0.0	0.0	3.6
11	15.0	27.1	20.8	73.6	17.707	15.6	0.0	0.0	0.0	8.4
12	14.0	27.3	20.5	76.2	17.725	15.6	0.0	0.0	0.0	5.8
13	17.0	28.0	21.1	81.2	18.368	16.2	0.0	0.0	0.0	1.5
14	17.0	26.0	19.6	79.4	18.520	16.3	0.0	0.0	0.0	1.4
15	17.0	26.0	20.1	79.4	18.365	16.2	0.0	0.0	0.0	3.5
16	15.0	25.0	19.0	83.3	18.365	16.2	0.0	0.0	0.0	1.2
17	15.0	26.1	20.1	77.4	17.824	15.6	15.4	0.0	15.4	3.4
18	15.4	26.1	20.4	71.6	16.878	14.5	0.0	16.5	16.5	5.5
19	15.1	25.4	18.3	81.9	17.052	15.0	0.0	0.9	0.9	6.1
20	15.0	27.1	19.6	74.8	16.564	14.5	0.0	0.0	0.0	8.3
21	13.0	27.1	19.7	78.0	17.265	15.1	0.0	0.0	0.0	4.0
22	16.0	27.0	19.5	85.1	15.377	17.0	1.6	0.0	1.6	8.1
23	15.0	29.0	21.2	72.9	17.698	15.5	0.0	0.0	0.0	7.7
24	14.6	25.3	21.4	76.3	18.249	16.2	0.0	0.0	0.0	2.1
25	16.4	25.8	19.6	83.1	19.045	16.7	0.0	0.0	0.0	7.8
26	15.0	29.4	21.7	82.2	21.051	18.3	0.0	0.0	0.0	6.4
27	14.3	29.8	20.9	68.8	16.616	14.0	0.0	0.0	0.0	7.1
28	15.3	29.4	22.0	73.0	18.274	15.9	0.0	0.0	0.0	7.8
29	14.4	32.1	21.5	73.9	18.020	15.8	0.0	0.8	0.8	1.0
30	16.3	23.4	18.9	91.8	20.145	17.6	1.2	0.0	1.2	9.2
31	14.4	29.3	21.2	73.4	17.534	15.3	0.0	0.0	0.0	
PROM.	15.2	27.0	20.2	77.3	17.749	15.5	19.1	29.4	48.5	188.1

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	15.4	28.0	20.5	78.7	18.846	16.5	9.6	0.3	9.9	7.3
2	15.0	27.1	20.6	78.6	18.424	16.1	0.0	9.5	9.5	6.3
3	15.4	26.2	20.4	77.6	17.577	15.8	0.0	0.0	0.0	7.0
4	15.7	27.1	20.1	77.2	17.625	15.7	0.6	0.0	0.6	6.3
5	15.4	28.4	19.7	74.4	16.634	14.8	0.1	0.0	0.1	5.1
6	15.4	29.1	20.9	72.1	17.137	15.0	0.0	0.0	0.0	5.1
7	15.4	24.1	18.7	85.3	18.273	16.1	0.4	0.0	0.4	1.1
8	16.0	22.0	18.7	79.8	17.374	15.3	0.8	0.0	0.8	6.8
9	14.1	28.0	15.5	74.1	16.060	14.0	0.0	5.0	5.0	7.0
10	15.3	27.1	19.7	73.7	16.503	14.4	0.6	0.3	0.9	6.3
11	14.3	26.0	18.4	77.2	16.050	14.0	0.0	0.0	0.0	9.6
12	12.4	27.4	22.2	61.4	14.442	12.4	0.0	0.0	0.0	5.9
13	13.7	28.1	18.9	73.5	15.732	13.7	9.8	0.6	10.4	3.9
14	15.2	26.2	19.1	82.3	17.531	15.7	1.6	9.1	10.7	3.9
15	15.4	25.1	19.4	81.4	18.062	15.9	0.0	0.0	0.0	2.3
16	14.1	26.8	19.7	79.1	17.643	15.4	0.3	0.0	0.3	6.8
17	14.1	28.1	19.7	79.5	17.874	15.7	0.6	0.0	0.6	6.2
18	15.3	27.4	19.8	70.6	15.918	13.9	0.0	0.0	0.0	6.9
19	14.0	27.1	20.5	71.3	15.525	13.7	0.0	0.7	0.7	5.4
20	16.3	27.2	21.7	65.6	16.650	14.6	0.0	0.0	0.0	3.6
21	16.3	29.0	20.4	77.3	17.963	15.7	10.6	6.4	17.0	5.9
22	16.3	27.0	20.7	82.3	15.617	17.1	2.5	25.6	28.1	4.2
23	16.3	27.0	20.0	81.4	18.660	16.4	4.9	11.3	16.2	3.7
24	17.0	22.0	18.0	91.0	15.020	16.7	10.4	0.0	10.4	0.6
25	14.1	26.2	19.5	83.0	18.569	16.3	6.8	3.1	9.9	5.8
26	17.4	24.3	19.6	82.0	18.690	16.4	0.4	0.0	0.4	0.2
27	15.1	28.6	20.6	71.3	16.561	14.5	0.0	0.0	0.0	8.7
28	16.3	28.0	20.4	78.0	18.610	16.4	0.4	6.1	6.5	5.0
29	15.2	25.7	19.8	78.9	18.112	15.9	0.1	0.0	0.1	0.7
30	15.1	27.1	21.0	77.8	18.551	16.6	0.0	29.2	29.2	8.4
PROM	15.2	26.7	19.9	77.2	17.546	15.4	59.7	107.2	166.9	154.2

ESTACION: MIGUEL VALENCIA

MUNICIPIO: JARDIN

AÑO:

1.980

ALTITUD: 1.570

LATITUD: 5-32 N.

LONGITUD: 75-51 W.

17.

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	15.3	25.0	18.9	63.2	17.502	15.7	1.8	2.4	4.2	4.6
2	15.0	25.1	19.1	63.5	16.341	16.1	1.3	0.0	1.3	5.7
3	17.1	27.0	20.3	79.6	16.753	16.5	0.0	0.0	0.0	7.0
4	14.1	28.0	19.4	78.8	17.197	15.0	5.9	0.0	5.9	7.8
5	14.1	26.6	20.4	75.8	17.640	15.5	0.0	0.0	0.0	7.8
6	15.5	25.0	19.8	78.3	17.818	15.6	0.0	9.5	9.5	3.9
7	15.1	25.1	19.4	63.3	18.570	16.3	3.4	6.8	10.2	6.1
8	17.0	25.4	19.7	84.4	15.305	17.0	0.7	9.1	9.8	5.9
9	16.0	26.0	20.4	79.2	16.574	16.3	0.0	23.2	23.2	1.3
10	15.1	27.0	19.9	77.6	17.625	15.5	0.0	0.0	0.0	5.6
11	16.1	27.4	21.2	77.2	18.773	16.4	0.0	0.0	0.0	9.9
12	15.0	28.1	21.0	72.6	17.672	15.3	0.7	0.0	0.7	7.2
13	17.4	23.0	19.1	87.7	15.539	17.1	0.0	0.0	0.0	0.0
14	16.0	22.0	18.4	50.2	19.154	16.8	2.3	5.0	7.3	6.0
15	16.0	21.2	17.8	68.9	18.221	16.0	4.4	0.0	4.4	0.0
16	14.2	27.0	19.9	78.9	17.628	15.7	0.0	0.0	0.0	0.0
17	17.3	25.5	19.7	81.7	15.500	16.6	9.4	5.5	15.3	4.3
18	15.6	23.0	18.5	66.7	18.403	16.2	4.4	1.0	5.4	3.6
19	15.0	26.4	19.9	75.0	16.742	14.6	0.0	0.0	0.0	7.7
20	17.1	27.3	20.3	60.5	18.850	16.6	2.2	0.0	2.2	6.8
21	17.0	25.0	20.1	82.7	15.260	16.9	0.0	0.0	0.0	1.8
22	15.0	25.4	20.1	81.5	16.672	16.6	0.0	1.0	1.0	5.7
23	17.0	25.0	19.3	81.3	18.026	15.8	0.6	3.8	4.4	4.0
24	16.6	23.3	19.0	84.9	18.645	16.4	0.5	0.0	0.5	2.0
25	15.0	24.1	18.7	62.7	17.534	15.4	0.0	11.4	11.4	3.3
26	17.0	23.0	18.7	87.1	18.934	16.6	2.7	2.9	5.6	1.2
27	16.4	26.3	20.1	60.6	16.666	16.4	0.0	0.0	0.0	6.6
28	15.4	26.1	19.9	76.6	17.633	15.5	0.0	0.0	0.0	8.1
29	15.0	26.1	19.6	77.8	17.606	15.4	4.2	9.4	13.6	7.2
30	16.3	25.0	19.7	79.3	17.878	15.6	0.5	8.0	8.5	7.8
31	16.0	23.6	18.7	64.1	17.771	15.5	2.8	13.2	16.0	2.6
PROM.	15.8	25.4	19.6	81.4	18.261	16.0	47.8	113.0	160.8	151.5

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	16.1	22.4	18.1	92.2	19.104	16.8	3.7	1.1	4.8	0.6
2	16.0	24.1	19.0	63.7	18.207	16.0	0.0	0.0	0.0	2.9
3	16.0	26.3	21.0	74.7	18.266	16.0	0.0	2.4	2.4	8.6
4	17.0	26.6	20.3	73.5	17.224	15.1	0.0	0.0	0.0	9.2
5	15.1	26.3	20.3	78.9	16.258	16.0	0.0	14.2	14.2	8.8
6	15.1	25.0	20.0	60.5	18.342	16.1	0.0	0.0	0.0	6.8
7	15.0	26.3	20.2	60.5	18.701	16.4	5.4	0.0	5.4	6.4
8	15.0	26.0	19.8	75.0	16.561	14.6	0.0	0.0	0.0	6.8
9	15.0	26.1	19.9	62.7	18.554	16.5	0.0	1.8	1.8	6.3
10	17.0	23.2	19.3	88.0	15.608	17.2	8.8	1.3	10.1	2.6
11	17.0	25.0	20.3	78.9	18.552	16.3	0.0	30.2	30.2	5.6
12	16.4	23.3	19.3	65.6	19.114	16.8	1.4	37.7	39.1	2.1
13	16.0	25.0	19.9	84.4	15.236	16.9	0.7	0.0	0.7	4.6
14	14.4	27.8	19.8	74.7	16.554	14.9	0.0	0.0	0.0	10.9
15	12.7	29.2	20.2	69.5	15.589	13.6	0.0	0.0	0.0	10.0
16	14.0	28.0	19.8	70.5	15.565	13.6	0.0	0.0	0.0	10.0
17	14.0	27.0	19.9	84.2	19.418	17.0	0.0	7.2	7.2	7.2
18	15.4	25.0	19.8	84.2	15.259	16.5	0.0	4.4	4.4	5.3
19	16.4	24.0	19.4	63.5	16.729	16.4	2.1	0.8	2.9	0.0
20	15.6	20.0	17.2	55.2	16.664	16.4	9.8	0.0	9.8	0.0
21	14.1	25.3	19.2	61.6	17.642	15.4	0.1	11.2	11.3	6.5
22	15.3	25.0	18.5	84.6	18.050	15.9	6.7	1.8	10.5	4.0
23	14.3	25.6	18.4	81.0	16.855	14.8	4.6	0.0	4.6	7.6
24	14.0	27.8	20.6	70.6	16.508	14.4	0.0	0.0	0.0	8.0
25	15.0	27.0	20.2	78.2	18.354	16.1	0.1	3.2	3.3	7.1
26	14.1	26.0	19.3	85.4	15.166	16.8	0.0	0.0	0.0	5.4
27	15.0	27.0	20.4	73.6	17.360	15.3	0.0	0.0	0.0	5.0
28	12.4	27.8	19.6	70.5	15.074	12.5	0.0	0.0	0.0	9.2
29	14.1	26.3	19.1	74.1	16.547	14.5	0.0	0.0	0.0	8.5
30	13.0	27.1	19.1	78.6	16.776	14.7	0.0	0.0	0.0	0.0
PROM.	15.0	25.7	19.6	60.0	17.505	15.7	45.4	117.3	162.7	180.4

ESTACION: MIGUEL VALENCIA

MUNICIPIO: JARDIN

ARO: 1.980

ALTITUD: 1.570

LATITUD: 5-32 N.

LONGITUD: 75-51 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tension vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	26.0	16.8	79.2	17.151	15.1	0.0	0.0	0.0	6.1
2	14.4	25.6	18.9	78.1	16.460	14.3	0.0	0.0	0.0	6.0
3	15.1	26.3	19.8	79.4	18.075	15.9	12.0	1.0	13.0	7.8
4	14.1	27.0	20.4	73.0	14.659	14.8	0.0	0.0	0.0	9.3
5	13.4	28.2	19.6	72.4	15.780	13.8	0.0	0.0	0.0	10.5
6	13.0	27.0	19.7	71.3	15.460	13.4	0.0	0.0	0.0	6.3
7	13.0	26.1	19.9	73.4	16.159	14.0	0.0	0.0	0.0	7.0
8	15.0	26.9	20.4	72.2	16.668	14.6	0.0	0.4	0.4	9.2
9	13.0	22.7	17.5	85.6	17.001	14.5	1.5	0.0	1.5	3.4
10	14.2	24.0	18.3	84.8	17.516	15.8	11.7	2.5	14.2	5.2
11	15.3	24.3	19.4	81.0	17.934	15.8	1.5	0.0	1.5	4.4
12	14.2	26.6	19.2	78.0	17.165	15.0	0.0	0.0	0.0	6.1
13	15.4	27.3	20.6	75.2	17.669	15.5	0.0	0.0	0.0	9.5
14	15.0	27.3	19.4	78.4	17.366	15.2	12.2	0.0	12.2	7.8
15	15.0	26.0	18.1	79.1	16.313	14.3	12.9	0.0	12.9	8.0
16	12.4	27.1	18.7	77.9	16.237	14.2	0.0	0.0	0.0	0.0
17	15.0	27.0	19.9	76.9	17.730	15.6	0.0	0.0	0.0	6.2
18	15.0	26.5	19.2	82.8	18.334	16.1	2.0	0.0	2.0	7.6
19	15.4	26.1	20.0	76.1	17.386	15.3	0.0	0.0	0.0	7.6
20	14.1	25.4	18.6	82.2	17.253	15.1	7.8	4.5	12.3	6.1
21	15.4	26.0	20.1	82.1	15.116	16.8	2.4	1.1	3.5	3.9
22	15.0	25.4	19.2	77.2	16.654	14.5	0.3	8.4	8.7	8.0
23	15.0	24.3	19.1	78.9	17.212	15.2	0.8	25.8	26.6	5.9
24	14.5	25.4	19.0	78.4	16.751	14.7	0.0	0.0	0.0	7.6
25	15.0	25.0	17.9	79.6	16.329	14.2	20.6	0.2	20.8	0.0
26	14.1	26.2	19.4	81.5	17.601	15.5	0.1	1.5	1.6	8.9
27	16.1	26.3	20.2	77.3	17.750	15.6	0.2	10.2	10.4	9.2
28	14.3	27.1	18.2	78.6	16.450	14.4	0.0	0.5	0.5	5.1
29	15.1	25.3	19.6	77.4	17.274	15.2	0.0	0.0	0.0	6.4
30	15.3	26.1	20.8	71.7	16.659	14.8	0.0	3.4	3.4	10.2
31	15.0	25.0	19.8	80.5	16.220	15.9	0.0	1.3	1.3	3.7
PROM.	14.6	26.0	19.4	78.1	17.141	15.0	83.0	60.8	143.8	202.0

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tension vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.4	23.6	18.7	80.2	17.134	15.1	0.2	1.4	1.6	5.8
2	16.0	27.2	20.4	73.0	16.936	14.9	0.1	0.0	0.1	7.9
3	14.0	26.0	18.7	76.9	16.324	14.3	0.0	0.1	0.1	4.1
4	15.0	25.4	19.7	76.9	17.442	15.2	2.5	1.2	3.7	6.5
5	16.0	26.1	20.2	73.0	16.703	14.7	0.4	0.3	0.7	0.0
6	16.3	26.2	19.7	80.0	18.059	15.6	2.8	1.0	3.8	5.7
7	16.0	23.1	16.5	90.8	19.333	17.0	4.7	1.3	6.0	3.9
8	16.0	21.0	17.2	55.8	15.125	16.8	2.5	0.0	2.5	0.8
9	12.4	23.3	19.1	78.4	16.657	14.8	0.0	10.9	10.9	7.5
10	15.1	26.0	18.9	79.9	17.051	15.0	1.0	0.0	1.0	7.1
11	14.4	27.1	20.0	73.4	16.275	14.2	0.0	0.0	0.0	5.2
12	13.4	26.5	19.1	79.6	17.059	15.0	0.0	0.0	0.0	7.1
13	14.1	27.1	19.2	81.0	17.654	15.5	2.0	0.0	2.0	5.6
14	14.5	26.1	15.5	76.1	16.500	14.9	0.0	0.0	0.0	5.5
15	15.1	26.2	19.7	77.0	17.346	15.2	0.0	2.5	2.5	7.4
16	14.1	25.3	18.9	83.9	18.047	15.9	0.0	0.0	0.0	4.9
17	15.3	26.0	18.8	83.9	18.056	15.9	0.0	3.6	3.6	5.2
18	14.0	23.7	15.4	79.5	17.115	14.9	0.3	6.9	7.2	8.2
19	13.1	25.1	18.8	79.9	16.823	14.7	8.6	0.0	8.6	6.7
20	14.8	25.4	18.1	80.2	16.607	14.8	0.0	0.0	0.0	6.0
21	12.4	26.0	18.3	80.5	16.459	14.4	0.0	2.7	2.7	8.4
22	13.4	25.1	18.7	79.3	16.550	14.5	0.0	4.5	4.5	8.6
23	15.4	26.3	19.3	76.2	16.564	14.5	0.0	0.0	0.0	10.5
24	11.0	27.4	18.0	71.6	14.006	11.9	0.0	0.0	0.0	10.8
25	12.1	29.0	19.9	65.1	14.311	12.3	0.0	0.0	0.0	10.5
26	14.1	26.0	19.1	80.3	17.368	15.3	0.0	0.2	0.2	5.7
27	15.4	27.1	19.5	74.3	16.324	14.2	0.0	0.0	0.0	7.5
28	11.4	26.0	19.0	74.6	15.450	13.3	0.0	0.0	0.0	6.3
29	15.1	25.3	19.1	82.5	16.212	16.0	3.8	0.0	3.8	3.0
30	16.0	26.3	19.4	78.3	17.338	15.1	8.7	0.4	9.1	8.6
31	15.0	26.7	19.6	76.4	17.228	15.1	0.0	0.0	0.0	8.2
PROM.	14.4	25.8	19.1	78.7	17.004	14.9	41.5	38.0	79.5	199.3

ESTACION: MIGUEL VALENCIA

MUNICIPIO: JARDIN

AÑO: 1.980

ALTITUD: 1.570

LATITUD: 5-32 N.

LONGITUD: 75-51 W.

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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	14.1	25.0	18.0	79.5	15.520	13.8	0.0	25.0	25.0	6.2
2	14.0	26.1	19.1	77.9	16.782	14.6	0.0	0.0	0.0	6.4
3	14.0	26.0	18.9	83.6	18.064	15.6	0.0	0.0	0.0	9.6
4	14.6	27.0	19.3	80.5	17.518	15.4	0.0	21.0	21.0	7.2
5	16.0	25.0	20.3	77.3	17.354	15.5	0.0	0.0	0.0	7.8
6	14.0	24.1	18.7	81.4	17.153	15.0	8.0	0.0	8.0	6.7
7	15.0	26.1	19.9	80.0	18.123	15.9	0.0	0.0	0.0	6.0
8	16.0	26.1	20.1	80.4	18.636	16.3	0.0	10.0	10.0	7.8
9	16.0	26.1	19.5	82.4	18.538	16.3	0.0	0.0	0.0	7.1
10	14.1	27.1	20.1	72.8	16.716	14.6	0.0	0.0	0.0	8.5
11	13.0	28.0	19.7	69.9	15.441	13.2	0.0	0.0	0.0	8.1
12	15.0	27.1	20.1	77.0	17.631	15.7	0.0	0.0	0.0	7.4
13	14.0	26.1	19.4	79.3	17.414	15.3	0.0	3.0	3.0	6.0
14	14.0	26.0	21.0	71.5	17.522	15.7	0.0	19.0	19.0	1.0
15	16.0	23.0	18.4	85.0	16.031	15.6	5.0	0.0	5.0	0.5
16	15.0	24.0	18.9	85.6	18.641	16.5	0.0	0.0	0.0	2.5
17	15.0	27.1	19.0	78.3	16.765	14.6	0.0	0.0	0.0	7.1
18	16.0	27.1	19.4	75.6	16.536	14.4	7.0	7.0	14.0	5.3
19	15.0	23.1	18.1	55.9	20.001	17.5	7.8	2.1	9.9	4.7
20	15.1	26.0	18.2	81.6	16.538	14.9	1.3	0.0	1.3	5.6
21	15.1	22.1	18.1	86.9	18.115	15.9	9.4	7.0	16.4	0.9
22	16.1	26.0	19.6	80.9	18.206	15.6	0.0	0.0	0.0	7.0
23	14.0	27.1	19.3	78.9	17.257	15.1	2.5	0.0	2.5	6.8
24	13.0	28.0	19.0	81.5	17.782	15.6	2.6	0.0	2.6	8.3
25	14.4	28.1	19.7	78.8	17.528	15.4	3.4	6.6	10.0	7.1
26	14.8	24.1	19.1	84.2	18.357	16.1	4.2	0.0	4.2	2.4
27	16.2	27.0	20.1	80.8	18.436	16.3	0.0	19.8	19.8	6.4
28	16.0	24.0	18.0	86.1	17.005	15.7	7.9	2.3	10.2	1.0
29	12.1	28.0	18.6	81.5	16.534	14.8	0.0	9.4	9.4	9.5
30	15.0	27.0	19.7	81.9	18.440	16.2	0.3	21.4	21.7	5.5
PROM.	14.8	25.9	19.2	80.6	17.662	15.5	59.4	153.6	213.0	176.7

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	16.0	25.1	18.9	65.3	18.548	16.3	16.2	0.2	16.4	0.2
2	15.1	25.1	18.8	65.4	18.341	16.1	0.6	15.0	15.6	3.7
3	16.1	26.8	20.8	76.2	18.101	15.6	0.2	35.9	36.1	6.3
4	15.1	25.0	19.0	84.6	18.525	16.3	0.7	1.8	2.5	6.8
5	16.5	23.4	17.8	84.7	17.252	15.0	2.2	2.0	4.2	8.3
6	15.8	21.6	16.5	68.3	18.733	16.4	2.1	23.7	25.8	1.2
7	14.0	22.0	17.5	89.0	17.727	15.6	7.0	2.2	9.2	0.3
8	14.1	24.3	18.4	66.1	18.186	16.0	1.4	0.0	1.4	4.0
9	15.0	26.0	17.9	82.3	17.875	15.7	1.1	10.2	11.3	8.6
10	15.1	22.0	17.9	86.1	17.702	15.6	0.2	0.0	0.2	0.8
11	14.0	25.0	18.6	82.2	17.146	15.0	1.0	0.0	1.0	6.2
12	13.6	25.1	18.4	63.0	17.435	15.3	0.0	0.0	0.0	5.7
13	13.6	26.0	19.1	78.8	17.007	14.9	0.0	0.0	0.0	7.2
14	14.8	26.3	19.5	76.7	17.238	15.1	0.0	12.7	12.7	8.8
15	13.8	25.6	19.2	76.4	16.235	14.1	0.0	4.2	4.2	8.6
16	16.4	25.0	18.6	84.9	16.402	16.2	4.3	5.1	9.4	4.7
17	16.3	24.5	18.7	85.0	18.458	16.2	8.0	0.0	8.0	1.9
18	15.0	22.0	18.1	87.4	18.000	15.8	1.6	3.9	5.5	1.3
19	15.6	26.0	19.5	80.5	17.558	15.8	0.0	0.9	0.9	7.2
20	15.0	20.5	18.8	91.5	17.765	15.7	0.0	0.0	0.0	1.0
21	12.1	26.4	18.3	80.9	16.400	14.3	2.2	1.1	3.3	7.3
22	14.7	25.4	19.5	78.4	17.105	14.9	0.0	0.0	0.0	6.7
23	15.0	27.1	19.5	80.5	17.558	15.8	0.0	0.0	0.0	6.6
24	15.0	27.4	19.5	77.4	17.010	14.9	1.6	6.1	7.7	8.9
25	12.7	26.0	18.9	82.2	17.368	15.1	0.0	0.0	0.0	6.2
26	15.0	25.1	18.5	82.0	17.107	15.0	0.7	5.9	6.6	5.6
27	16.0	24.9	18.6	88.6	19.051	16.7	3.0	0.0	3.0	6.1
28	15.1	26.1	19.9	79.8	18.154	15.6	0.1	10.5	10.6	7.5
29	15.6	22.6	18.4	86.1	16.126	15.9	0.0	0.0	0.0	0.0
30	15.0	23.1	18.8	83.5	17.896	15.6	0.7	0.0	0.7	4.0
31	16.0	23.1	19.2	66.1	16.201	16.8	2.7	0.0	2.7	2.4
PROM.	14.9	24.6	18.8	83.2	17.610	15.6	57.6	141.4	199.0	154.1

ESTACION: MIGUEL VALENCIA
 ALTITUD: 1.570

MUNICIPIO: JARDIN
 LATITUD: 5-32 N.

AÑO: 1.980
 LONGITUD: 75-51 W.

ME 5 - 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	14.0	27.1	19.4	76.6	16.536	14.4	0.0	24.7	24.7	8.3
2	13.0	25.0	17.9	83.2	16.731	14.7	0.0	0.0	0.0	2.6
3	15.4	25.0	18.7	82.8	17.714	15.6	12.2	0.0	12.2	5.6
4	15.0	25.1	18.2	84.9	18.016	15.6	0.3	10.7	11.0	5.0
5	15.3	22.0	17.5	90.9	18.460	16.2	1.8	0.0	1.8	0.5
6	14.1	21.3	17.8	91.7	18.771	16.5	13.5	0.6	14.1	3.4
7	13.6	25.2	18.9	76.6	16.153	14.1	0.2	0.0	0.2	6.2
8	15.3	24.8	17.5	81.6	16.200	14.1	0.1	0.0	0.1	3.2
9	12.4	23.3	17.9	75.2	14.661	12.5	0.0	0.5	0.5	0.0
10	15.1	25.6	18.4	78.5	16.342	14.3	0.0	0.0	0.0	9.0
11	14.1	26.4	19.2	74.8	16.672	14.6	0.0	0.0	0.0	7.5
12	14.0	23.3	17.2	85.1	16.653	14.6	1.9	0.0	1.9	7.4
13	14.4	23.1	16.1	64.7	17.551	15.4	2.0	7.6	9.6	2.9
14	15.0	22.0	17.5	87.9	17.757	15.6	3.3	11.6	14.9	9.9
15	14.0	24.6	19.0	74.2	15.613	13.8	0.0	9.8	9.8	3.2
16	15.1	23.2	18.7	84.0	17.562	15.8	1.4	0.0	1.4	5.0
17	15.3	25.1	19.0	79.0	16.532	14.8	0.0	0.0	0.0	4.6
18	14.1	25.3	19.8	75.3	16.512	14.9	0.0	0.0	0.0	8.5
19	16.0	25.4	19.3	82.5	18.439	16.2	0.0	0.0	0.0	3.6
20	14.1	25.0	18.6	81.6	17.015	14.9	0.5	6.0	6.5	5.6
21	15.4	25.3	18.9	81.4	17.525	15.3	2.3	10.3	12.6	9.6
22	14.1	26.0	18.5	81.4	17.065	15.0	0.0	9.6	9.6	5.0
23	15.1	25.0	18.3	82.3	17.177	15.1	1.4	8.8	10.2	4.0
24	16.3	22.2	18.3	68.0	18.768	16.5	2.4	0.0	2.4	5.6
25	14.0	26.0	18.9	80.6	17.324	15.2	0.0	18.0	18.0	4.6
26	16.1	24.0	18.9	83.7	18.126	16.0	0.0	0.0	0.0	5.6
27	15.1	25.0	19.2	81.3	17.563	15.8	0.0	0.0	0.0	4.0
28	15.0	25.1	19.4	82.0	18.177	16.0	0.0	0.0	0.0	4.0
29	15.1	24.3	18.4	83.5	17.631	15.5	0.9	0.0	0.9	4.6
30	15.0	25.4	19.2	78.4	17.092	14.9	0.0	1.1	1.1	2.6
PROM.	14.7	24.7	18.6	81.8	17.274	15.1	44.2	119.3	163.5	

ME 5 - 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	15.1	23.0	17.7	88.0	17.623	15.7	4.0	0.2	4.2	5.6
2	14.0	26.3	19.4	80.7	17.623	15.4	0.0	0.0	0.0	5.2
3	15.4	26.5	19.7	78.0	17.557	15.5	0.0	0.0	0.0	6.5
4	15.1	24.4	18.4	85.3	17.555	15.8	12.5	21.6	34.1	5.2
5	15.3	23.6	18.6	85.4	18.060	15.6	0.0	0.0	0.0	4.0
6	15.0	26.4	19.1	83.7	18.367	16.1	0.0	0.0	0.0	4.7
7	14.7	25.0	18.7	81.8	17.244	15.1	0.0	0.0	0.0	4.7
8	16.3	23.0	18.2	83.1	17.470	15.3	0.0	0.0	0.0	4.0
9	14.0	24.3	18.4	82.6	17.326	15.2	0.2	1.1	1.3	5.6
10	13.6	25.0	18.8	81.6	17.235	15.1	0.0	0.5	0.5	5.2
11	14.6	24.1	18.9	80.9	17.385	15.3	0.0	1.2	1.2	6.5
12	15.1	24.1	18.2	83.4	17.358	15.3	0.3	4.5	4.8	5.2
13	15.0	24.1	17.8	85.4	17.275	15.2	4.7	0.0	4.7	4.0
14	14.7	25.1	18.4	81.0	17.037	15.0	0.0	0.0	0.0	4.5
15	14.4	24.4	18.8	84.7	16.219	16.0	1.9	0.0	1.9	0.0
16	13.6	26.1	18.5	79.8	16.521	14.4	0.0	0.0	0.0	4.7
17	13.8	23.1	17.4	84.0	16.711	14.7	0.0	0.0	0.0	4.7
18	15.0	25.3	19.6	81.6	16.025	15.7	0.0	4.9	4.9	7.7
19	15.6	25.6	19.4	79.5	17.666	15.7	0.0	0.0	0.0	5.0
20	14.0	25.4	19.0	76.8	16.661	14.5	0.0	0.9	0.9	5.0
21	15.0	22.7	18.1	87.6	18.314	16.1	1.0	9.0	1.0	5.8
22	14.6	25.1	18.1	82.9	16.531	14.8	0.0	0.0	0.0	5.8
23	15.0	24.2	18.1	83.5	17.148	15.0	0.5	2.7	3.2	5.6
24	15.1	25.0	17.9	87.6	16.281	16.1	3.2	26.2	29.4	3.9
25	14.5	24.5	19.3	82.0	16.652	16.4	1.0	4.3	5.3	3.9
26	14.5	22.1	17.6	92.3	18.614	16.4	6.7	1.8	10.5	3.9
27	14.0	24.4	17.1	84.7	16.406	14.4	15.5	0.3	15.8	5.6
28	12.1	25.0	17.0	82.1	15.700	13.7	5.8	0.0	5.8	7.3
29	14.6	24.1	17.8	82.1	16.462	14.3	0.0	0.0	0.0	4.0
30	15.4	24.1	18.3	82.6	17.104	14.9	0.0	3.8	3.8	4.6
31	16.0	23.1	18.1	88.0	18.256	16.1	7.6	0.0	7.6	2.6
PROM.	14.7	24.6	18.4	83.3	17.474	15.3	66.9	84.5	151.4	

ESTACION: MIGUEL VALENCIA

MUNICIPIO JARDIA

AÑO: 1.980

ALTITUD: 1.570

LATITUD: E-32 A.

LONGITUD: 75-51 W.

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MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto roco °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	14.8	25.7	19.1	12.5	25.0	60.1	17.354	15.2	70.4	15	166.3
FEBRERO	15.1	25.5	19.3	12.1	25.1	75.3	17.372	15.2	138.0	16	161.8
MARZO	15.2	27.0	20.2	13.0	32.1	77.3	17.769	15.5	48.5	11	188.1
ABRIL	15.2	26.7	19.9	12.4	25.1	77.2	17.546	15.4	166.9	21	154.2
MAYO	15.6	25.4	19.6	14.1	28.1	81.4	18.281	16.0	160.6	21	151.9
JUNIO	15.0	25.7	19.6	12.4	25.2	80.0	17.905	15.7	162.7	17	180.4
JULIO	14.6	26.0	19.4	12.4	26.2	76.1	17.141	15.0	143.6	18	202.0
AGOSTO	14.4	25.8	19.1	11.0	25.0	76.7	17.004	14.9	79.5	22	195.3
SEPTIEMBRE	14.6	25.9	19.2	12.1	26.1	80.6	17.662	15.5	213.0	19	176.7
OCTUBRE	14.5	24.6	18.8	12.1	27.4	83.2	17.610	15.6	195.0	24	154.1
NOVIEMBRE	14.7	24.7	18.6	12.4	27.1	81.8	17.274	15.1	163.5	21	
DICIEMBRE	14.7	24.6	18.4	12.1	26.5	83.3	17.474	15.3	151.4	20	
PROMEDIO	14.5	25.6	19.3	12.4	26.6	80.1	17.549	15.4			
TOTAL	1697.6									225	

ESTACION: DE F T A
 ALTITUD: 1.700

MUNICIPIO: MONIQUEIRA AÑO: 1.980
 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	15.5	26.2	18.9	78.6	17.069	15.0	0.0	0.0	0.0	
2	13.5	27.5	19.7	78.4	17.172	15.0	0.0	0.0	0.0	
3	13.3	28.0	19.9	79.6	17.622	15.3	0.1	4.4	4.5	
4	12.0	28.1	19.7	72.6	15.376	13.1	0.0	0.0	0.0	
5	10.5	27.2	19.6	78.1	17.139	15.0	0.0	0.0	0.0	
6	16.0	28.2	20.1	76.1	17.282	15.0	0.0	0.0	0.0	
7	11.5	28.2	18.9	77.9	16.115	14.0	2.2	0.0	2.2	
8	10.0	28.0	19.3	73.2	15.066	12.8	0.0	0.0	0.0	
9	13.0	27.0	19.0	73.2	15.453	13.3	0.0	0.0	0.0	
10	11.5	28.0	19.2	75.5	16.050	14.0	0.0	0.0	0.0	
11	14.0	27.2	18.5	77.3	16.047	14.1	0.0	0.0	0.0	
12	11.5	27.0	17.7	74.6	14.463	12.5	0.0	0.0	0.0	
13	8.5	27.4	18.4	68.9	13.258	10.9	0.0	0.0	0.0	
14	10.5	27.0	18.8	73.2	13.409	11.3	0.0	0.0	0.0	
15	7.9	27.0	18.4	77.3	13.726	11.6	0.0	0.0	0.0	
16	7.0	26.3	16.7	78.5	14.511	12.4	0.0	0.9	0.9	
17	13.0	25.6	18.8	74.0	15.415	13.4	0.0	0.0	0.0	
18	14.0	26.5	19.3	75.7	16.256	14.2	0.0	0.0	0.0	
19	16.0	26.2	19.9	80.5	16.552	16.3	0.0	0.0	0.0	
20	12.0	27.0	19.8	71.7	15.669	13.6	0.0	0.0	0.0	
21	13.5	28.0	19.3	78.6	17.059	14.9	0.0	0.0	0.0	
22	10.0	27.5	18.6	69.4	13.419	11.0	0.0	0.0	0.0	
23	8.5	26.5	19.5	79.8	17.311	15.0	0.0	0.0	0.0	
24	12.5	26.5	19.5	77.3	16.716	14.6	0.0	0.0	0.0	
25	10.3	26.0	19.7	76.1	16.465	14.3	0.0	0.0	0.0	
26	9.5	25.0	19.6	59.4	11.661	9.1	0.0	0.0	0.0	
27	8.5	25.4	20.0	66.2	13.677	11.2	0.0	0.0	0.0	
28	10.5	28.5	19.0	73.6	15.359	13.3	0.0	0.0	0.0	
29	10.0	29.0	19.4	76.0	16.108	13.9	0.0	0.0	0.0	
30	16.5	26.0	19.6	79.3	16.115	15.5	0.0	0.0	0.0	
31	13.8	26.5	19.9	74.6	16.520	14.4	0.0	0.9	0.9	
PROM.	11.8	27.4	19.1	75.0	15.747	13.6	3.0	6.2	9.2	

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	15.4	26.0	18.6	80.8	16.523	14.8	30.2	2.9	33.1	
2	16.3	27.5	20.4	75.9	17.791	15.7	0.0	5.5	5.5	
3	15.0	24.0	18.9	83.6	17.598	15.8	1.3	5.8	7.1	
4	16.0	23.5	18.0	83.0	17.230	15.2	0.7	0.0	0.7	
5	14.6	27.0	20.2	76.0	17.457	15.3	0.0	0.0	0.0	
6	15.0	25.5	19.7	74.2	16.557	14.6	0.0	0.0	0.0	
7	15.3	27.5	20.6	70.1	16.165	14.1	0.0	0.0	0.0	
8	15.0	26.5	20.3	71.1	16.036	13.5	0.0	0.0	0.0	
9	14.5	28.0	20.2	70.5	16.159	14.1	0.0	0.0	0.0	
10	15.5	28.3	20.6	70.3	16.039	13.9	0.0	0.0	0.0	
11	12.0	28.0	19.8	71.8	15.559	13.4	0.0	0.0	0.0	
12	9.0	25.0	19.5	68.5	13.526	11.5	0.0	0.1	0.1	
13	12.5	28.0	19.5	71.5	14.560	12.9	0.0	0.0	0.0	
14	10.5	26.5	19.0	67.5	13.589	11.8	0.0	0.0	0.0	
15	11.5	26.0	19.6	69.5	14.571	12.4	0.0	0.0	0.0	
16	13.5	25.0	19.4	71.5	15.346	13.2	0.6	2.1	2.7	
17	13.0	27.0	19.7	73.4	16.046	14.1	0.0	1.5	1.5	
18	16.0	28.0	20.4	72.5	16.502	14.8	0.0	0.0	0.0	
19	14.0	27.5	19.5	67.4	14.715	12.7	0.0	15.4	15.4	
20	14.0	26.5	19.6	74.6	16.475	14.4	0.0	31.0	31.0	
21	15.5	26.0	20.0	73.6	16.566	14.5	0.0	0.0	0.0	
22	12.5	27.0	19.1	72.1	14.555	12.9	0.0	0.0	0.0	
23	12.0	27.0	19.1	73.5	15.546	13.5	0.0	0.0	0.0	
24	15.5	27.5	20.1	73.0	16.418	14.2	0.0	0.0	0.0	
25	11.4	25.0	18.6	68.1	13.066	10.7	0.0	0.0	0.0	
26	11.0	27.0	19.0	72.5	14.662	12.8	0.0	0.0	0.0	
27	11.5	27.0	18.5	72.2	14.355	12.3	0.0	0.0	0.0	
28	12.0	27.0	19.1	74.4	15.221	13.0	0.0	0.0	0.0	
29	11.3	27.0	19.0	70.5	14.751	12.6	0.0	0.0	0.0	
PROM.	13.5	27.2	19.5	72.9	15.767	13.6	32.8	64.3	97.1	

ESTACION: BERTHA
 ALTITUD: 1.700

MUNICIPIO: MONIGUIRA
 LATITUD: 5-52 N.

AÑO: 1980
 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	10.0	27.0	19.1	70.1	14.551	12.3	0.0	0.0	0.0	
2	14.5	27.0	19.7	71.6	15.560	13.9	0.0	0.1	0.1	
3	14.5	27.0	20.0	71.8	16.161	14.1	0.0	0.0	0.0	
4	13.6	27.0	20.2	70.5	15.277	13.8	0.0	0.0	0.0	
5	14.5	27.0	19.9	68.4	15.267	13.2	0.0	0.0	0.0	
6	11.6	27.0	18.6	71.5	14.530	12.5	0.0	0.0	0.0	
7	12.0	27.0	21.4	69.5	17.167	14.9	0.0	0.0	0.0	
8	13.5	27.0	20.5	65.0	14.452	11.9	0.0	0.0	0.0	
9	10.2	27.0	19.6	63.5	12.514	9.5	0.0	0.0	0.0	
10	11.5	27.0	20.0	73.5	16.284	14.0	0.0	1.0	1.0	
11	12.0	27.0	19.7	72.4	15.155	12.9	0.0	0.0	0.0	
12	13.0	27.0	19.3	68.2	14.460	12.5	0.0	0.0	0.0	
13	13.0	27.0	19.7	75.5	16.750	14.5	6.5	2.4	8.9	
14	14.0	27.0	19.4	77.6	16.757	14.6	17.4	2.2	19.6	
15	15.5	27.0	21.2	72.7	17.421	14.7	0.0	0.0	0.0	
16	11.0	27.0	20.2	65.8	14.121	11.7	0.0	1.3	1.3	
17	13.8	27.0	17.5	76.2	15.128	13.2	40.6	7.9	48.5	
18	13.0	27.0	20.0	73.1	16.149	14.1	0.0	0.0	0.0	
19	15.0	27.0	19.8	74.9	16.677	14.6	1.0	1.4	2.4	
20	11.5	27.0	20.8	67.4	14.756	12.2	0.1	0.0	0.1	
21	10.5	27.0	20.6	63.0	13.963	11.6	0.0	0.0	0.0	
22	14.6	27.0	20.0	65.3	16.230	14.2	0.0	2.6	2.6	
23	14.0	27.0	19.9	75.1	17.406	15.3	13.7	0.0	13.7	
24	12.5	27.0	19.6	72.7	15.455	14.2	0.8	0.0	0.8	
25	14.0	27.0	19.2	70.4	15.457	13.6	13.1	2.2	15.3	
26	14.5	27.0	19.8	75.0	17.117	15.6	0.0	0.0	0.0	
27	10.5	27.0	19.9	73.0	16.208	14.1	0.0	0.0	0.0	
28	12.0	27.0	20.8	70.7	15.968	13.7	0.0	0.0	0.0	
29	15.5	27.0	22.2	59.1	14.345	12.2	20.8	0.2	21.0	
30	15.0	27.0	19.2	62.2	17.719	15.5	0.0	0.0	0.0	
31	13.5	27.0	19.2	78.6	16.716	14.5	15.4	1.8	17.2	
PROM.	13.0	24.2	20.0	71.2	15.732	13.5	125.4	23.1	152.5	

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	11.0	27.5	19.7	63.6	14.057	11.5	0.0	0.0	0.0	
2	11.5	27.5	19.7	73.6	15.172	13.7	0.0	0.0	0.0	
3	13.0	27.5	20.0	67.9	14.565	13.0	0.0	0.2	0.2	
4	13.6	27.0	20.5	69.3	15.745	13.8	0.0	0.0	0.0	
5	12.6	27.0	20.4	71.4	16.236	14.2	0.0	6.0	6.0	
6	12.0	27.0	19.0	80.2	17.141	15.1	0.6	33.4	34.0	
7	13.2	27.0	20.1	70.1	15.888	13.9	0.0	0.3	0.3	
8	15.0	27.0	18.3	68.1	16.477	16.2	0.3	0.0	0.3	
9	14.6	27.0	19.1	75.3	16.226	14.2	0.0	0.0	0.0	
10	15.5	27.0	19.0	76.8	16.578	14.4	0.8	0.0	0.8	
11	14.0	27.0	18.1	72.8	14.444	12.6	0.0	0.0	0.0	
12	14.0	27.0	19.6	69.8	15.421	13.3	0.0	0.0	0.0	
13	12.0	27.6	19.8	76.7	16.535	14.6	0.0	18.0	18.0	
14	15.0	26.3	19.7	75.4	16.752	14.7	0.0	22.0	22.0	
15	13.5	27.3	16.7	95.0	16.150	16.0	14.0	0.0	14.0	
16	11.0	27.0	19.6	72.5	15.421	13.2	0.0	0.0	0.0	
17	12.0	26.0	18.2	75.4	14.576	12.8	0.0	0.0	0.0	
18	11.0	27.0	20.4	62.1	13.663	11.7	0.0	0.0	0.0	
19	13.0	27.0	21.2	55.0	13.662	11.5	0.0	0.0	0.0	
20	12.5	26.8	20.2	74.0	17.250	15.1	3.9	0.0	3.9	
21	12.0	26.0	19.6	82.0	18.242	16.0	6.7	0.0	6.7	
22	14.5	27.3	19.8	72.0	16.745	16.4	0.5	31.5	32.0	
23	15.5	27.1	19.6	89.5	17.564	15.4	6.0	11.0	17.0	
24	15.5	27.0	19.0	65.0	16.422	16.2	7.1	0.0	7.1	
25	15.5	27.0	18.1	92.0	18.369	16.7	8.9	0.0	8.9	
26	16.5	27.0	19.7	77.0	17.366	15.0	3.7	0.0	3.7	
27	13.6	27.0	18.4	76.0	15.520	13.4	2.4	0.0	2.4	
28	11.5	27.0	19.7	78.7	17.356	15.2	0.3	0.4	0.7	
29	16.0	26.6	19.8	77.1	17.475	15.3	0.0	0.2	0.2	
30	17.0	27.0	20.5	77.5	18.457	16.2	3.7	5.1	8.8	
PROM.	13.5	26.6	19.4	75.9	16.553	14.4	58.9	130.1	189.0	

ESTACION: BÉRTHA
 ALTITUD: 1.700

MUNICIPIO: MONICUIRA
 LATITUD: 5-52 N.

AÑO: 1.980
 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	17.0	27.5	19.5	83.0	16.222	16.0	0.0	0.0	0.0	
2	12.6	27.0	19.4	79.1	17.303	15.2	2.1	0.0	2.1	
3	14.0	26.3	17.6	82.6	16.800	14.8	4.7	0.0	4.7	
4	12.5	26.3	19.5	72.4	15.571	13.3	2.8	0.0	2.8	
5	12.6	27.3	20.2	73.6	16.420	14.2	C.2	0.4	0.6	
6	16.5	25.0	19.4	82.4	16.477	16.2	14.8	0.0	14.8	
7	15.0	24.5	18.5	84.4	20.307	17.7	7.8	4.4	12.2	
8	14.6	24.3	18.2	82.8	17.124	15.0	6.4	0.7	7.1	
9	14.5	28.0	16.8	82.9	17.668	15.7	4.0	1.6	5.6	
10	13.4	26.6	20.3	76.1	17.569	15.8	0.0	0.0	0.0	
11	13.4	28.5	20.8	78.3	18.552	16.1	0.0	1.5	1.5	
12	13.6	25.0	19.0	79.0	17.001	14.9	4.1	0.0	4.1	
13	15.1	26.0	19.5	77.7	17.555	15.5	1.9	5.7	7.6	
14	16.5	25.0	18.8	76.8	16.308	14.2	11.6	0.0	11.6	
15	17.0	25.0	19.4	77.0	17.536	15.4	4.4	22.6	27.0	
16	14.0	26.0	19.1	75.2	16.163	14.1	0.2	11.6	11.8	
17	15.0	27.3	19.5	77.7	17.302	15.2	0.0	5.5	5.5	
18	14.0	27.0	19.5	79.8	17.555	15.6	15.6	0.0	15.6	
19	15.0	28.0	21.9	75.2	18.800	16.4	0.0	1.0	1.0	
20	14.0	26.0	20.0	81.0	18.876	16.5	3.7	0.3	4.0	
21	15.0	29.0	19.9	72.5	16.422	14.4	10.4	0.0	10.4	
22	15.0	26.5	18.2	75.0	15.582	13.6	0.0	0.0	0.0	
23	15.5	27.0	19.7	75.2	16.342	14.6	0.0	0.0	0.0	
24	18.0	26.5	20.4	80.8	19.460	17.1	0.0	0.0	0.0	
25	16.0	27.5	19.8	76.0	17.340	15.2	0.0	4.7	4.7	
26	16.0	26.0	19.7	73.5	16.646	14.2	0.0	3.4	3.4	
27	17.5	26.0	19.5	77.4	17.702	15.6	0.0	0.0	0.0	
28	16.5	26.0	20.3	82.1	19.556	17.1	0.0	0.0	0.0	
29	13.5	27.0	19.6	76.1	16.516	14.6	8.8	0.0	8.8	
30	14.0	27.0	19.4	79.5	17.412	15.2	7.4	0.0	7.4	
31	16.0	28.0	21.4	78.7	19.416	17.0	5.5	23.9	29.4	
PROM.	15.0	26.7	19.6	78.4	17.569	15.4	131.1	96.1	227.2	

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	16.0	24.5	18.1	86.3	18.358	16.1	1.2	17.0	18.2	
2	16.5	26.5	19.2	87.1	19.421	17.2	0.9	0.0	0.9	
3	17.0	26.0	20.4	79.8	18.909	16.6	1.5	0.7	2.2	
4	15.5	26.0	19.9	76.0	16.899	14.6	0.0	0.0	0.0	
5	17.0	27.5	20.2	76.4	16.202	16.0	1.4	8.5	9.9	
6	14.0	27.0	18.8	78.3	16.745	14.7	C.0	0.0	0.0	
7	16.0	27.0	19.9	71.1	16.230	14.2	1.5	0.0	1.5	
8	15.5	26.5	19.9	74.4	16.802	14.3	0.0	0.1	0.1	
9	14.5	28.5	16.8	78.5	17.621	15.4	1.2	0.6	1.8	
10	16.0	25.0	18.4	87.7	18.740	16.5	3.2	0.0	3.2	
11	14.5	25.0	18.3	84.2	17.660	15.5	8.4	0.0	8.4	
12	16.0	21.5	17.3	90.3	17.635	15.7	9.0	0.3	9.3	
13	16.0	25.5	18.1	87.5	16.316	16.1	4.8	0.0	4.8	
14	10.6	26.2	18.7	68.7	13.608	11.8	0.0	0.0	0.0	
15	14.5	27.5	22.1	66.8	17.363	15.3	0.0	0.0	0.0	
16	12.0	26.5	18.0	65.8	12.611	10.3	0.0	0.0	0.0	
17	11.5	26.0	19.8	74.2	16.532	14.8	0.0	21.6	21.6	
18	13.3	26.0	19.7	77.6	17.107	14.9	1.1	7.0	8.1	
19	15.0	26.0	17.9	68.3	18.229	16.0	10.7	2.6	13.3	
20	15.5	26.0	16.1	92.7	15.428	17.0	1.7	4.4	6.1	
21	14.5	26.0	19.6	76.0	16.728	14.6	0.0	0.3	0.3	
22	13.6	26.0	18.0	78.5	15.707	13.6	3.0	0.0	3.0	
23	12.5	26.0	19.3	77.0	16.671	14.5	0.0	0.0	0.0	
24	10.0	26.5	19.6	77.0	16.531	14.6	0.0	0.0	0.0	
25	13.0	27.0	20.7	76.6	18.245	16.1	0.0	0.0	0.0	
26	12.0	26.0	20.3	77.0	17.532	15.3	3.3	0.2	3.5	
27	12.6	26.0	19.3	63.3	13.296	11.1	0.0	0.0	0.0	
28	8.5	26.5	19.7	63.2	14.524	12.5	0.0	0.8	0.8	
29	11.6	24.0	18.3	78.5	16.458	14.4	0.0	0.0	0.0	
30	11.5	26.0	17.8	81.5	17.015	15.0	11.4	0.0	11.4	
PROM.	13.9	26.2	19.2	78.1	17.022	14.6	64.7	64.1	128.8	

ESTACION: BERTHA
ALTITUD: 1.700

MUNICIPIO: MONQUIRA AÑO: 1.980
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	12.0	26.0	17.6	79.1	15.555	14.0	6.1	0.0	6.1	16.6
2	12.5	27.5	20.5	70.5	16.243	14.1	0.0	1.6	1.6	16.6
3	15.5	26.5	20.4	65.2	14.511	12.8	0.0	0.0	0.0	16.6
4	16.5	26.0	21.3	60.6	15.113	12.4	0.0	0.0	0.0	16.6
5	12.5	27.0	20.4	53.4	12.767	10.6	0.0	0.0	0.0	16.6
6	11.5	27.0	21.3	46.0	11.538	9.0	0.0	0.0	0.0	16.6
7	11.0	25.5	18.0	62.3	16.700	14.6	3.5	0.0	3.5	16.6
8	13.0	26.0	18.5	79.5	16.150	14.0	0.2	0.0	0.2	16.6
9	10.0	25.0	17.0	82.2	15.621	13.8	6.0	0.6	6.6	16.6
10	10.5	24.5	16.7	83.6	15.765	13.8	5.9	0.0	5.9	16.6
11	10.6	24.0	17.7	84.0	16.633	14.8	0.1	2.3	2.4	16.6
12	14.5	26.0	18.9	82.0	17.556	15.4	2.3	0.0	2.3	16.6
13	12.0	26.6	18.5	61.9	17.310	15.2	15.6	0.0	15.6	16.6
14	13.0	24.6	16.6	84.0	16.167	15.9	1.2	0.0	1.2	16.6
15	10.5	25.5	17.9	76.7	15.422	13.3	0.1	0.0	0.1	16.6
16	8.5	26.0	17.9	78.5	15.510	13.4	0.0	0.2	0.2	16.6
17	13.0	25.5	20.0	77.6	17.266	15.0	0.0	1.4	1.4	16.6
18	11.5	24.0	18.1	75.7	15.258	13.2	0.0	0.0	0.0	16.6
19	10.5	27.5	19.1	76.2	15.639	13.5	1.3	0.0	1.3	16.6
20	12.5	27.0	18.9	71.6	15.026	12.8	15.4	0.1	15.5	16.6
21	12.5	26.5	17.7	60.0	16.001	13.9	21.0	0.0	21.0	16.6
22	12.3	26.5	18.3	80.5	16.631	14.6	13.4	0.9	14.3	16.6
23	12.3	24.5	17.6	85.5	17.170	15.1	25.8	25.3	51.1	16.6
24	14.0	24.5	18.8	83.5	17.754	15.6	3.2	8.1	11.3	16.6
25	15.5	25.0	18.3	85.2	18.068	15.5	0.0	0.0	0.0	16.6
26	12.0	27.5	18.3	80.2	18.053	15.5	0.6	0.0	0.6	16.6
27	12.5	28.0	18.5	77.0	16.685	14.6	1.8	0.0	1.8	16.6
28	13.5	24.0	18.2	78.5	15.677	13.6	0.0	0.0	0.0	16.6
29	12.0	26.5	19.5	80.6	17.733	15.5	3.6	0.1	3.7	16.6
30	12.5	26.5	19.1	61.7	17.517	15.3	0.0	0.0	0.0	16.6
31	12.5	27.5	20.3	64.5	14.731	12.3	0.0	0.0	0.0	16.6
PROM.	12.4	26.0	18.9	76.4	16.176	14.0	129.1	40.6	169.7	

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	12.0	24.5	18.0	65.6	13.305	11.1	0.0	0.0	0.0	16.6
2	11.0	26.3	17.5	80.0	15.546	13.5	2.0	3.6	5.6	16.6
3	11.0	26.0	18.3	74.3	15.257	13.3	0.0	2.4	2.4	16.6
4	12.5	26.0	18.7	79.6	14.640	14.5	0.0	1.4	1.4	16.6
5	14.5	26.5	19.5	80.3	17.762	15.6	0.5	0.0	0.5	16.6
6	15.0	27.0	18.5	81.5	17.456	15.4	0.2	0.0	0.2	16.6
7	10.0	24.5	18.0	82.4	16.602	14.5	2.5	3.1	5.6	16.6
8	14.5	26.5	18.1	92.3	19.220	16.9	1.0	0.0	1.0	16.6
9	12.5	26.0	19.4	77.0	16.254	13.9	1.0	0.3	1.3	16.6
10	12.5	26.4	17.9	72.0	14.331	12.3	0.0	0.0	0.0	16.6
11	10.0	23.6	15.5	86.0	14.665	12.8	0.9	0.0	0.9	16.6
12	12.5	25.5	20.2	51.4	12.120	9.8	0.0	0.0	0.0	16.6
13	8.5	26.0	18.8	76.6	15.534	13.9	0.0	0.0	0.0	16.6
14	10.0	26.3	17.8	60.7	15.552	13.9	12.7	0.1	12.8	16.6
15	10.5	25.6	17.5	78.5	15.169	13.1	14.9	0.0	14.9	16.6
16	10.0	25.5	17.5	74.5	14.450	12.3	1.1	0.0	1.1	16.6
17	10.0	25.1	18.2	81.5	16.357	14.3	0.8	1.2	2.0	16.6
18	11.0	25.5	17.6	79.9	15.644	13.6	4.1	0.0	4.1	16.6
19	10.5	21.5	16.2	85.4	15.265	13.3	2.2	0.0	2.2	16.6
20	13.5	23.5	17.9	87.7	17.550	15.8	6.5	0.0	6.5	16.6
21	8.5	24.6	18.0	83.5	16.659	14.4	1.4	0.0	1.4	16.6
22	11.5	24.0	18.1	60.7	16.130	14.0	0.2	0.0	0.2	16.6
23	12.5	25.5	19.3	67.5	14.675	12.6	0.0	0.0	0.0	16.6
24	8.4	26.2	19.1	58.4	11.175	6.5	0.0	0.0	0.0	16.6
25	9.0	27.0	15.1	78.1	16.222	13.9	0.0	3.2	3.2	16.6
26	12.0	26.0	15.2	70.6	14.663	12.5	0.7	0.2	0.9	16.6
27	13.6	24.0	18.3	61.3	12.526	10.6	0.0	0.2	0.2	16.6
28	12.5	24.5	17.6	79.4	15.629	13.5	0.4	0.0	0.4	16.6
29	13.5	24.0	17.6	84.2	16.736	14.7	5.2	0.0	5.2	16.6
30	10.6	25.5	17.7	61.4	15.540	13.9	1.1	0.0	1.1	16.6
31	9.5	25.5	18.7	79.4	16.238	13.9	0.7	7.6	8.3	16.6
PROM	11.4	25.2	18.2	77.2	15.602	13.4	60.1	23.3	83.4	

ESTACION: BER 1-A
 ALTUDUD: 1.700

MUNICIPIO: MONIQUEIRA
 LATITUD: S-52 N.

AÑO: 1.980
 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	13.0	28.8	19.9	80.6	18.201	15.9	13.1	0.9	14.0	
2	15.5	27.6	20.3	84.1	15.610	17.1	2.1	33.1	35.2	
3	13.0	27.6	15.4	84.7	18.679	16.3	0.4	0.0	0.4	
4	14.5	27.6	19.3	81.3	17.888	15.7	0.0	0.0	0.0	
5	16.0	25.7	18.4	90.2	19.426	17.0	3.1	0.0	3.1	
6	14.0	28.3	20.6	64.3	14.667	12.6	0.0	0.0	0.0	
7	11.3	25.5	22.0	70.8	17.111	14.6	0.0	19.9	19.9	
8	15.6	28.4	18.7	81.3	17.549	15.5	10.4	0.0	10.4	
9	15.3	29.6	20.9	68.3	15.566	13.4	0.2	0.0	0.2	
10	11.6	29.6	21.7	51.6	12.557	10.1	0.0	0.0	0.0	
11	13.6	27.8	20.5	70.8	15.640	13.4	0.0	1.1	1.1	
12	15.3	27.6	19.6	71.5	15.656	13.7	0.0	0.0	0.0	
13	11.0	28.5	20.6	67.9	14.810	12.5	0.0	4.6	4.6	
14	16.5	27.8	18.7	78.2	17.553	15.4	0.0	15.9	15.9	
15	16.0	23.8	18.5	87.1	18.459	16.2	0.9	0.2	1.1	
16	16.5	24.5	19.3	86.8	19.351	17.0	0.0	0.0	0.0	
17	11.0	28.0	18.8	78.9	16.472	14.4	9.2	5.0	14.2	
18	15.0	27.0	19.1	84.2	18.375	16.1	4.5	0.1	4.6	
19	16.5	24.5	17.8	86.5	17.752	15.6	10.8	0.0	10.8	
20	14.5	27.8	20.0	60.5	18.440	16.2	0.0	0.0	0.0	
21	14.0	27.8	20.3	81.9	18.765	16.2	1.3	6.8	8.1	
22	15.6	24.5	18.1	84.6	17.646	15.5	3.5	0.0	3.5	
23	13.5	27.6	17.7	80.6	16.439	14.4	21.5	0.0	21.5	
24	11.6	29.6	19.6	74.9	15.507	13.1	0.2	0.0	0.2	
25	12.0	29.3	18.9	76.3	16.367	14.3	0.6	0.0	0.6	
26	14.5	29.6	20.1	74.7	16.154	13.7	0.0	0.0	0.0	
27	13.6	28.3	21.0	71.6	16.531	14.9	0.0	9.5	9.5	
28	16.0	28.5	20.0	72.0	16.434	14.2	0.0	0.0	0.0	
29	15.6	27.0	19.9	78.0	17.773	15.6	0.0	17.6	17.6	
30	12.5	28.0	19.7	83.3	18.770	16.5	0.0	4.9	4.9	
PROM.	14.2	27.6	19.7	77.6	17.160	14.9	78.8	119.6	198.4	

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	15.0	28.8	19.9	85.1	19.663	17.2	0.6	19.7	20.3	
2	14.9	28.4	20.0	79.8	18.020	15.8	0.6	10.8	11.4	
3	14.0	28.4	21.8	75.0	18.438	16.5	0.0	13.7	13.7	
4	16.0	27.8	20.2	78.3	17.492	15.5	1.0	36.0	37.0	
5	16.0	25.8	19.8	83.6	18.562	16.6	0.1	27.7	27.8	
6	16.3	25.0	19.6	80.4	18.068	15.9	0.0	10.9	10.9	
7	16.5	22.8	18.8	91.2	19.525	17.4	13.2	4.5	17.7	
8	16.5	26.4	20.1	81.8	18.568	16.6	2.7	1.6	4.3	
9	16.5	26.0	19.0	69.6	19.700	17.3	5.2	0.0	5.2	
10	15.0	26.4	19.3	82.9	18.589	16.3	9.0	0.0	9.0	
11	13.0	26.3	19.1	81.6	17.595	15.4	3.6	0.0	3.6	
12	13.0	28.4	19.4	81.0	17.663	15.8	5.3	0.0	5.3	
13	13.0	28.3	18.6	80.4	16.941	14.5	2.7	0.0	2.7	
14	12.5	28.3	18.0	79.6	15.956	13.9	6.9	0.1	7.0	
15	12.5	25.3	18.4	84.8	17.893	15.7	1.3	1.5	3.2	
16	13.4	26.5	19.5	77.3	16.784	14.5	0.7	15.0	15.7	
17	16.5	26.3	19.9	79.6	18.242	16.0	1.6	17.1	18.7	
18	16.5	25.0	19.2	84.8	18.773	16.4	3.3	15.5	18.8	
19	16.4	28.2	21.3	72.6	17.611	15.3	0.0	0.0	0.0	
20	14.0	27.6	19.9	82.4	18.659	16.5	0.0	0.0	0.0	
21	12.6	28.1	19.3	79.0	17.168	14.9	1.3	0.9	2.2	
22	16.0	28.8	20.7	78.5	18.247	15.8	1.3	3.1	4.4	
23	14.6	28.5	20.2	82.3	16.566	16.6	0.0	0.0	0.0	
24	13.6	28.3	19.6	82.9	18.451	16.1	0.6	0.0	0.6	
25	13.5	28.5	21.1	81.5	20.368	17.8	1.0	2.6	3.6	
26	14.8	27.5	18.7	81.7	17.439	15.3	14.9	0.0	14.9	
27	14.6	26.4	19.9	80.2	17.510	15.5	0.0	29.0	29.0	
28	15.0	26.8	20.6	81.7	19.370	16.9	0.2	10.3	10.5	
29	16.0	27.5	20.1	78.2	17.550	15.1	2.0	0.0	2.0	
30	14.5	26.5	19.2	82.9	18.011	15.8	0.7	0.3	0.5	
31	12.8	27.3	20.1	79.8	17.624	15.6	0.0	0.0	0.0	
PROM.	14.7	26.9	19.7	81.3	18.281	16.0	79.3	220.7	300.0	

ESTACION: BELTRA
 ALTITUD: 1.700

MUNICIPIO: MONQUIRA AÑO: 1.980
 LATITUD: 5-52 N. LONGITUD: 73-24 W.

MESES - 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	22.5	21.4	70.9	17.503	15.7	0.0	0.0	0.0	
2	17.5	27.0	20.8	78.0	18.820	16.6	0.0	0.0	0.0	
3	16.5	27.3	21.1	80.0	19.682	17.2	5.0	18.5	21.5	
4	16.0	25.0	19.2	86.0	19.126	16.8	8.6	1.9	10.5	
5	16.5	26.0	18.8	95.2	20.577	17.9	7.9	12.0	19.9	
6	16.5	23.0	18.9	85.0	16.454	16.2	0.0	0.0	0.0	
7	15.5	26.0	20.2	71.6	16.576	14.6	0.0	7.9	7.9	
8	15.6	24.0	17.5	84.0	16.640	14.5	7.6	0.0	7.6	
9	10.5	26.6	16.4	78.6	15.678	13.4	0.0	0.0	0.0	
10	10.6	27.0	19.1	79.4	16.659	14.4	0.0	0.0	0.0	
11	14.5	28.0	20.8	79.5	18.527	16.6	0.0	0.0	0.0	
12	14.4	27.0	18.7	79.5	16.632	14.5	7.1	0.0	7.1	
13	14.5	23.0	16.3	66.6	18.164	16.0	3.9	0.0	3.9	
14	16.0	26.0	20.2	83.6	19.457	17.1	6.3	3.8	10.1	
15	16.5	27.0	20.3	81.0	18.573	16.6	0.0	2.0	2.0	
16	16.3	24.0	19.0	79.9	17.225	15.0	0.0	0.3	0.3	
17	16.5	27.0	19.6	79.5	17.702	15.5	0.0	0.0	0.0	
18	15.5	26.0	20.0	81.7	18.555	16.2	0.0	0.0	0.0	
19	15.6	27.0	19.0	82.0	17.781	15.6	0.3	0.0	0.3	
20	12.6	25.0	19.3	82.0	16.067	15.8	0.5	0.0	0.5	
21	14.4	26.0	21.3	80.2	19.341	16.5	1.3	0.1	1.4	
22	12.5	28.0	21.1	80.3	18.645	16.2	0.0	0.0	0.0	
23	14.5	28.1	19.6	80.0	17.664	15.4	1.4	0.0	1.4	
24	16.5	26.6	19.5	80.8	18.201	16.0	1.2	0.1	1.3	
25	15.3	26.0	19.8	80.8	18.543	16.3	1.7	4.5	6.2	
26	16.0	27.4	20.1	74.0	16.541	14.8	5.9	0.3	10.2	
27	13.5	26.2	16.1	77.3	15.440	13.3	4.4	0.0	4.4	
28	12.5	26.0	20.0	74.5	16.611	14.5	0.2	0.2	0.4	
29	13.6	25.6	18.3	84.4	17.423	15.2	1.9	0.3	2.2	
30	13.0	27.0	19.9	76.1	16.565	14.1	0.0	0.0	0.0	
PROM.	14.8	26.4	19.6	80.4	17.903	15.6	69.2	49.9	119.1	

MESES - 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	13.5	27.0	19.3	71.3	15.141	13.0	1.1	0.0	1.1	
2	13.0	26.0	19.5	80.1	17.666	15.4	0.0	7.3	7.3	
3	12.5	27.0	16.6	80.1	16.736	14.7	0.0	0.0	0.0	
4	14.5	25.0	19.7	79.0	17.666	15.5	0.0	9.9	9.9	
5	13.0	26.5	19.5	78.2	16.778	14.5	0.0	0.0	0.0	
6	13.6	27.0	19.9	80.7	18.241	16.0	0.0	0.0	0.0	
7	13.6	25.0	19.1	74.1	16.246	14.1	0.0	0.0	0.0	
8	17.0	23.8	16.8	80.4	17.756	15.6	2.3	0.0	2.3	
9	13.5	26.4	19.7	70.9	16.024	13.9	1.4	0.9	2.3	
10	12.6	26.3	16.8	76.2	15.631	13.5	0.0	1.3	1.3	
11	14.0	26.5	18.3	80.0	16.564	14.5	8.6	1.2	9.8	
12	13.6	26.7	19.2	77.5	16.651	14.5	11.3	1.4	12.7	
13	14.3	26.3	19.1	76.6	16.660	14.6	0.0	0.3	0.3	
14	15.3	25.5	16.9	78.9	17.278	15.2	10.6	0.3	10.9	
15	14.0	25.8	20.0	75.5	17.205	15.0	0.0	0.0	0.0	
16	15.6	26.2	20.0	77.7	18.049	15.9	0.0	0.0	0.0	
17	14.5	25.5	18.5	79.5	16.644	14.6	0.0	0.0	0.0	
18	10.5	26.0	19.3	73.2	15.087	12.9	0.0	1.8	1.8	
19	16.0	26.3	19.5	77.6	17.166	15.1	0.0	1.9	1.9	
20	14.5	26.1	20.7	69.0	16.123	14.0	0.0	3.6	3.6	
21	13.5	26.0	19.4	71.1	15.275	13.3	0.1	0.2	0.3	
22	15.6	25.5	19.7	68.7	15.764	13.6	0.0	4.1	4.1	
23	16.2	26.3	19.7	77.9	17.644	15.4	5.8	0.0	5.8	
24	12.6	26.6	19.3	80.2	17.075	14.9	0.0	0.0	0.0	
25	16.2	25.4	19.7	76.4	17.352	15.3	0.0	0.0	0.0	
26	14.4	25.2	18.8	75.3	15.926	13.8	0.0	0.0	0.0	
27	13.0	24.6	16.0	76.1	14.569	12.9	0.0	11.5	11.5	
28	13.6	24.6	17.8	79.1	15.633	13.8	0.0	0.0	0.0	
29	14.6	24.2	18.5	78.0	16.302	14.2	0.0	2.5	2.5	
30	15.5	23.6	18.6	81.4	17.382	16.3	0.2	9.7	9.9	
31	15.5	24.0	18.4	78.5	16.559	14.3	0.4	0.0	0.4	
PROM.	14.2	25.7	19.2	76.6	16.636	14.5	41.8	57.9	99.7	

ESTACION: EERTHA

MUNICIPIO MONIQUEIRA

AÑO: 1.980

ALTITUD: 1.700

LATITUD: 5-52 N.

LONGITUD: 73-24 W.

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MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocoío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	11.8	27.4	19.1	7.0	29.4	75.0	15.747	13.6	9.2	5	
FEBRERO	13.5	27.2	19.5	9.0	29.0	72.9	15.767	13.6	97.1	9	
MARZO	13.0	28.2	20.0	10.0	30.0	71.3	15.732	13.5	152.5	14	
ABRIL	13.5	26.6	19.4	11.0	29.5	75.5	16.553	14.4	189.0	20	
MAYO	15.0	26.7	19.6	12.5	29.0	78.4	17.589	15.4	227.2	26	
JUNIO	13.9	26.2	19.2	8.5	28.5	78.1	17.022	14.8	128.8	21	
JULIO	12.4	26.0	18.9	8.5	28.0	76.4	16.176	14.0	169.7	22	
AGOSTO	11.4	25.2	18.2	8.4	28.0	77.2	15.602	13.4	83.4	25	
SEPTIEMBRE	14.2	27.6	19.7	11.0	29.6	77.6	17.160	14.9	198.4	22	
OCTUBRE	14.7	26.9	19.7	12.5	28.6	81.3	18.281	16.0	300.0	27	
NOVIEMBRE	14.6	26.4	19.6	10.5	28.5	80.4	17.903	15.6	119.1	20	
DICEMBRE	14.2	25.7	19.2	10.5	27.0	76.6	16.638	14.5	99.7	20	
PROMEDIO	13.5	26.7	19.3	10.0	28.5	76.6	16.681	14.5			
TOTAL									1774.1	231	

ESTACION: RAFAEL ESCOBAR
 ALTITUD: 1.330

MUNICIPIO: SURIA
 LATITUD: 5-28 N.

AÑO: 1.980
 LONGITUD: 75-38 W.

M E S - E N E R O

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	21.5	21.1	83.2	20.657	18.1	0.0	26.3	26.3	2.0
2	16.0	21.3	20.8	81.4	19.824	17.1	0.0	0.0	0.0	1.1
3	17.0	21.7	21.9	79.4	20.343	17.2	0.0	0.0	0.0	5.8
4	17.5	21.7	21.4	75.7	18.612	16.5	0.0	0.0	0.0	7.7
5	18.0	21.7	21.6	77.2	19.426	17.3	0.0	0.0	0.0	5.1
6	16.0	21.1	21.4	73.2	18.354	16.1	0.0	0.0	0.0	8.6
7	16.0	21.5	21.2	77.0	19.242	16.6	0.0	0.0	0.0	1.4
8	15.2	21.7	21.7	75.6	19.000	16.7	0.0	0.0	0.0	6.5
9	15.5	21.7	21.6	76.5	19.247	16.9	0.0	0.0	0.0	4.7
10	15.5	21.7	21.6	78.5	19.666	16.7	0.0	0.4	0.4	4.3
11	16.6	21.6	20.8	82.2	20.033	17.6	0.0	1.0	1.0	2.7
12	14.2	21.2	20.5	76.4	17.821	15.7	0.0	1.6	1.6	10.2
13	16.2	21.5	19.5	84.0	18.602	16.5	0.9	0.0	0.9	3.8
14	17.0	21.4	21.4	74.3	16.495	16.3	0.0	4.6	4.6	8.6
15	15.5	21.4	19.9	80.7	18.316	16.1	0.0	0.0	0.0	3.3
16	15.5	19.1	19.1	85.2	18.672	16.4	5.4	2.9	8.3	0.6
17	15.0	19.4	19.4	81.9	18.229	16.1	0.1	0.7	0.8	3.2
18	16.0	18.9	18.9	85.3	18.741	16.5	16.7	0.1	16.8	1.6
19	15.0	18.3	18.3	85.7	18.108	15.9	0.0	0.0	0.0	1.6
20	14.5	20.4	19.4	77.9	18.156	16.0	0.0	0.0	0.0	7.5
21	15.6	20.5	20.5	64.2	18.885	16.6	0.0	0.0	0.0	5.3
22	14.5	21.3	21.3	77.0	18.774	16.5	0.0	0.0	0.0	8.8
23	16.7	21.8	21.8	78.3	20.121	17.6	0.0	0.0	0.0	3.3
24	17.5	21.9	21.9	74.0	18.659	16.6	0.0	0.0	0.0	3.5
25	15.5	21.8	21.8	74.3	18.701	16.4	0.0	0.0	0.0	8.0
26	15.6	21.9	21.9	70.7	17.834	15.7	0.0	0.0	0.0	10.4
27	17.0	21.9	21.9	74.6	18.548	16.3	0.0	0.0	0.0	4.5
28	17.6	20.7	20.7	87.1	21.201	18.4	0.0	0.0	0.0	0.5
29	16.0	21.6	21.6	79.9	20.157	17.6	0.0	0.0	0.0	1.0
30	16.9	21.2	18.2	93.3	19.553	17.5	10.0	0.9	10.9	0.0
31	15.0	21.4	21.4	76.2	17.748	15.6	0.0	3.0	3.0	5.8
PROM.	16.0	21.2	20.7	79.5	19.039	16.7	33.1	41.5	74.6	142.0

M E S - F E E R E R O

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	24.5	19.9	86.8	19.772	17.3	2.6	0.0	2.6	1.0
2	16.2	26.5	21.5	72.5	18.372	16.1	0.0	24.9	24.9	3.9
3	16.0	24.0	18.1	89.1	18.548	16.6	28.2	5.5	33.7	0.0
4	15.0	23.3	19.5	85.6	19.266	16.9	6.5	0.1	6.6	0.7
5	16.0	20.5	21.0	72.2	17.500	15.4	0.0	0.0	0.0	6.6
6	16.5	20.9	20.9	80.1	19.324	17.0	0.0	0.7	0.7	4.3
7	16.0	21.1	21.1	74.4	17.692	15.7	0.0	0.0	0.0	7.7
8	17.0	21.7	21.7	72.1	18.365	16.2	0.0	0.0	0.0	5.0
9	17.0	21.5	21.5	79.0	20.150	17.6	0.0	0.0	0.0	4.9
10	16.0	21.7	21.7	76.0	19.111	16.8	0.0	0.0	0.0	8.4
11	15.3	22.0	22.0	72.1	18.324	16.1	0.0	0.0	0.0	10.3
12	16.0	21.7	21.7	71.0	17.629	15.6	0.0	0.0	0.0	10.2
13	16.6	22.6	22.6	72.1	18.638	16.5	0.0	0.0	0.0	10.1
14	16.5	22.0	22.0	69.0	17.658	15.5	0.0	0.0	0.0	9.1
15	17.6	22.0	22.0	74.2	19.243	16.9	0.0	0.0	0.0	7.3
16	17.0	19.7	19.7	85.6	19.701	17.2	0.0	18.9	18.9	0.6
17	15.6	19.5	19.5	84.6	18.838	16.5	3.7	0.0	3.7	0.7
18	16.2	21.9	21.9	76.4	18.666	16.4	0.0	3.7	3.7	4.6
19	16.6	19.9	19.9	83.1	19.017	16.7	0.0	0.0	0.0	1.2
20	17.0	21.5	21.5	78.9	19.602	17.2	0.0	19.3	19.3	5.8
21	16.5	20.0	20.0	81.4	18.712	16.5	0.0	1.0	1.0	2.5
22	17.0	20.3	20.3	80.4	18.922	16.6	0.0	0.0	0.0	7.4
23	15.0	20.8	20.8	73.1	17.124	15.1	0.0	0.0	0.0	9.6
24	15.0	20.0	20.0	81.4	18.651	16.6	0.0	1.0	1.0	9.6
25	17.0	22.2	22.2	85.2	19.755	17.3	0.0	0.0	0.0	1.4
26	17.0	20.7	20.7	77.5	18.421	16.2	0.0	0.0	0.0	3.7
27	16.5	21.6	21.6	71.6	17.614	15.5	0.0	0.0	0.0	5.9
28	16.5	21.6	21.6	72.2	17.546	15.8	0.0	3.9	3.9	6.3
29	16.5	19.8	19.8	81.2	18.442	16.2	0.1	0.6	0.7	1.2
PROM.	16.3	22.2	20.8	78.0	18.692	16.4	41.1	79.6	120.7	159.8

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	16.6	27.5	21.4	72.1	17.702	15.6	0.0	0.0	0.0	8.4
2	17.6	27.8	21.6	71.2	18.001	15.8	0.0	0.0	0.0	8.1
3	17.0	27.0	22.3	72.0	18.578	16.3	0.0	0.0	0.0	8.4
4	16.6	26.3	21.6	70.6	17.720	15.6	0.0	3.0	3.0	8.6
5	17.0	25.0	21.0	80.3	18.478	16.3	0.1	1.8	1.9	4.3
6	15.6	26.5	21.2	70.7	17.078	15.0	0.0	0.0	0.0	9.0
7	15.5	28.0	22.2	69.3	17.365	15.3	0.0	0.0	0.0	7.6
8	16.6	27.5	21.9	72.0	18.210	16.0	0.0	0.0	0.0	2.0
9	16.6	27.5	22.0	71.3	18.328	16.1	0.0	0.0	0.0	3.0
10	16.8	28.3	22.3	77.0	20.037	17.5	0.0	0.0	0.0	4.7
11	17.6	28.3	22.8	76.2	20.450	17.9	0.0	0.0	0.0	2.6
12	17.0	28.5	22.9	71.7	19.511	17.1	0.0	0.0	0.0	6.2
13	17.7	29.0	21.8	78.4	20.167	17.7	1.1	0.2	1.3	3.2
14	18.0	24.6	21.8	81.6	21.005	18.3	0.0	0.0	0.0	0.5
15	17.6	26.6	21.2	79.4	19.616	17.3	0.0	0.0	0.0	0.0
16	16.3	27.5	22.0	74.1	18.659	16.6	0.0	0.0	0.0	3.3
17	16.5	26.6	22.5	74.7	19.751	17.3	0.0	23.7	23.7	0.5
18	16.0	23.5	19.6	88.3	19.642	17.4	0.0	0.1	0.1	0.0
19	16.6	25.5	20.7	78.8	18.612	16.5	0.0	0.0	0.0	3.3
20	15.0	27.3	21.6	69.2	17.109	14.9	0.0	0.0	0.0	4.2
21	15.0	27.3	21.5	67.4	16.476	14.5	0.0	0.0	0.0	6.2
22	15.0	27.4	18.9	84.4	19.054	16.7	29.6	0.2	29.8	2.3
23	15.0	26.0	21.4	70.5	17.414	15.3	0.0	0.0	0.0	4.6
24	16.5	23.2	23.2	72.7	19.551	17.2	0.0	0.0	0.0	8.2
25	18.6	23.6	21.6	83.2	21.581	18.7	0.0	0.0	0.0	1.6
26	17.0	22.1	21.4	65.6	17.558	15.2	0.0	0.0	0.0	5.5
27	17.0	20.0	24.3	63.2	18.160	15.5	0.0	0.0	0.0	9.0
28	17.5	24.0	24.0	67.9	19.319	17.0	0.0	0.0	0.0	7.5
29	17.0	23.0	23.9	67.6	19.445	17.0	0.0	0.1	0.1	4.9
30	17.0	21.3	21.3	81.1	20.265	17.7	0.0	0.7	0.7	1.0
31	16.5	30.1	23.0	73.0	19.703	17.3	0.0	0.0	0.0	7.7
PROM.	16.7	27.4	21.9	74.4	18.667	16.5	30.8	29.8	60.6	146.8

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	18.0	29.5	22.4	76.8	20.480	17.9	0.0	0.0	0.0	3.7
2	15.0	28.2	19.3	83.4	18.566	16.7	29.0	0.7	29.7	3.4
3	16.0	25.5	21.0	62.1	15.671	17.4	0.0	2.3	2.3	3.7
4	17.0	26.0	21.9	74.5	19.155	16.8	0.0	3.4	3.4	2.8
5	16.3	26.5	20.8	79.2	19.247	16.5	0.1	0.1	0.2	3.2
6	17.3	24.6	20.6	83.0	19.200	17.2	0.0	0.0	0.0	1.9
7	16.0	23.0	19.5	87.4	19.646	17.2	0.0	0.0	0.0	0.0
8	17.0	23.0	19.4	84.2	18.514	16.6	0.0	0.0	0.0	0.0
9	16.0	27.3	22.2	71.1	18.613	16.4	0.0	0.0	0.0	6.1
10	16.6	27.1	20.7	76.1	18.267	16.0	0.0	0.0	0.0	6.3
11	16.5	26.3	20.6	71.5	17.234	15.1	0.0	0.0	0.0	4.0
12	15.6	28.0	22.2	64.9	16.626	14.8	0.0	0.0	0.0	6.2
13	16.6	29.0	22.0	68.5	17.570	15.8	0.0	0.6	0.6	5.0
14	16.5	25.5	22.6	64.6	20.264	17.7	0.0	0.0	0.0	1.6
15	17.0	27.2	22.7	68.0	17.759	15.5	0.0	0.0	0.0	1.3
16	17.0	28.5	22.9	69.2	18.665	16.4	0.0	0.0	0.0	9.2
17	17.0	28.3	22.3	73.4	19.147	16.8	0.0	0.0	0.0	5.5
18	17.5	27.3	23.2	72.5	19.668	17.2	0.0	0.0	0.0	4.9
19	17.0	25.0	23.4	65.5	18.057	15.9	0.0	0.0	0.0	5.2
20	18.6	28.0	23.6	74.2	21.003	18.3	0.0	0.0	0.0	1.2
21	18.0	29.0	22.6	78.0	21.248	18.4	0.0	6.5	6.5	4.5
22	17.5	27.0	22.0	80.6	20.755	18.1	0.0	13.4	13.4	2.3
23	17.0	27.0	21.6	81.3	20.322	17.7	5.5	4.2	9.7	3.5
24	17.0	23.0	18.6	98.2	20.560	18.2	1.8	2.6	4.4	0.9
25	16.5	24.0	20.1	89.5	21.220	18.4	0.0	8.0	8.0	1.1
26	16.6	22.0	19.4	68.1	19.728	17.3	1.2	0.0	1.2	0.5
27	16.0	26.0	20.5	77.2	18.765	16.5	0.0	0.0	0.0	6.0
28	17.5	26.0	21.3	80.6	20.176	17.7	0.0	1.8	1.8	2.1
29	17.5	26.0	21.5	78.2	19.539	17.1	0.0	0.0	0.0	1.6
30	18.5	28.0	22.9	76.7	20.754	18.1	0.0	24.6	24.6	7.0
PROM.	16.9	26.6	21.4	78.0	19.435	17.0	37.6	68.2	105.8	104.7

ESTACION: RAF #EL ESCOBAR

MUNICIPIO: SUPIA

AÑO: 1.980

ALTITUD: 1.330

LATITUD: 5-28 N.

LONGITUD: 75-38 W.

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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	18.0	25.5	20.1	87.4	20.734	18.1	38.1	39.0	77.1	3.7
2	16.0	25.5	20.5	85.2	19.506	17.1	0.0	0.3	0.3	2.1
3	17.4	25.6	21.2	84.4	21.151	16.4	0.0	0.0	0.0	1.3
4	16.4	27.3	21.5	75.3	18.776	16.5	0.0	0.0	0.0	7.7
5	17.0	27.0	21.2	80.7	20.016	17.5	0.0	0.0	0.0	4.1
6	17.3	25.0	21.2	83.2	20.601	18.0	0.0	0.0	0.0	2.0
7	17.2	25.6	20.8	85.1	20.750	18.1	0.6	10.1	10.7	2.6
8	17.3	25.6	20.5	84.1	20.211	17.7	0.0	14.6	14.6	1.7
9	16.5	24.0	20.7	84.1	20.136	17.6	0.0	65.4	65.4	1.0
10	15.0	25.5	20.1	84.7	19.510	17.4	0.0	0.0	0.0	6.0
11	16.6	26.3	22.1	78.9	20.174	17.6	0.0	0.0	0.0	9.4
12	17.5	27.6	22.3	76.6	20.071	17.6	0.0	0.0	0.0	8.0
13	17.4	23.3	20.1	87.2	20.360	17.8	0.0	0.7	0.7	0.0
14	17.3	23.5	15.2	91.7	20.445	17.8	1.2	17.2	18.4	0.2
15	17.0	25.0	19.3	88.8	20.243	17.7	5.5	0.0	5.5	0.5
16	15.2	26.0	21.0	80.8	19.661	17.3	0.0	0.0	0.0	4.7
17	18.0	25.0	20.0	88.0	21.074	18.3	5.4	0.0	5.4	1.5
18	17.0	24.5	19.1	89.3	20.224	17.7	3.0	6.1	9.1	0.8
19	15.5	26.4	20.9	76.8	18.679	16.4	0.0	0.0	0.0	7.0
20	17.3	27.3	20.9	84.1	20.610	18.1	0.1	0.0	0.1	6.9
21	17.5	23.5	21.5	84.4	21.256	18.5	0.0	0.0	0.0	0.4
22	18.5	23.5	21.8	82.0	21.113	18.3	0.0	8.2	8.2	3.4
23	16.5	23.4	20.8	78.3	18.662	16.6	0.0	2.1	2.1	1.6
24	17.0	23.5	20.3	64.9	20.321	17.8	1.7	0.0	1.7	3.6
25	16.5	23.0	18.8	54.3	20.357	17.8	2.3	1.0	3.3	4.1
26	17.3	23.5	20.1	89.1	21.031	18.3	0.0	1.4	1.4	0.2
27	17.0	26.5	21.3	84.2	20.551	18.2	0.0	0.0	0.0	3.2
28	17.0	26.5	21.6	80.7	20.480	17.9	0.0	0.0	0.0	5.8
29	17.0	26.0	21.4	82.6	20.669	18.0	0.0	28.8	28.8	6.3
30	16.2	24.8	20.8	81.3	19.444	17.0	0.0	10.6	10.6	6.3
31	17.0	24.5	20.4	83.5	19.506	17.4	0.0	9.1	9.1	3.5
PROM.	16.9	25.6	20.7	83.5	20.258	17.7	57.9	214.6	272.5	109.6

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	16.0	22.0	17.5	51.4	18.651	16.4	10.4	0.0	10.4	0.3
2	15.3	22.8	18.8	46.2	18.477	16.2	1.2	0.0	1.2	4.1
3	16.0	25.8	20.5	84.1	19.671	17.4	0.0	0.1	0.1	5.7
4	17.0	25.5	21.6	80.5	20.332	17.7	0.0	0.0	0.0	8.9
5	17.2	25.5	21.0	83.9	20.661	18.0	0.0	9.9	9.9	3.7
6	16.8	23.6	20.2	85.4	20.089	17.6	0.0	0.0	0.0	1.0
7	15.6	26.0	20.8	79.4	19.055	16.8	0.0	0.0	0.0	7.4
8	17.0	28.0	21.5	78.6	19.558	17.5	0.0	0.0	0.0	3.4
9	18.0	25.5	21.6	81.0	20.645	18.0	0.0	4.0	4.0	2.0
10	17.0	23.6	19.8	89.7	20.660	18.0	7.1	11.1	18.2	1.7
11	16.5	24.0	20.4	83.4	19.796	17.3	0.0	3.5	3.5	3.1
12	16.0	23.2	19.6	87.5	19.509	17.4	0.0	29.2	29.2	0.4
13	15.0	23.0	19.2	86.7	18.586	16.7	0.7	0.0	0.7	0.7
14	14.5	26.5	21.0	73.9	17.562	15.4	0.0	0.0	0.0	10.1
15	15.0	26.3	20.7	71.4	17.245	15.0	0.0	0.0	0.0	10.3
16	15.2	27.5	21.4	73.7	18.243	16.0	0.0	0.0	0.0	9.8
17	16.5	26.0	21.4	80.8	20.182	17.6	0.0	2.9	2.9	6.4
18	18.0	25.5	21.3	81.1	20.263	17.7	0.0	19.1	19.1	1.8
19	16.5	24.0	19.5	87.7	19.532	17.4	0.0	9.6	9.6	3.2
20	16.0	22.5	18.4	90.1	19.139	16.8	3.3	0.0	3.3	0.0
21	15.5	25.8	20.5	82.9	19.724	17.3	0.0	0.2	0.2	5.9
22	17.0	24.5	20.3	85.9	20.133	17.6	0.0	0.0	0.0	3.1
23	16.5	25.5	21.0	79.6	19.464	17.1	0.0	0.0	0.0	6.7
24	15.0	25.6	21.4	78.1	19.505	17.1	0.0	0.0	0.0	6.3
25	16.3	25.5	21.6	78.8	19.516	17.4	0.0	0.0	0.0	4.5
26	16.0	24.5	19.9	83.1	19.035	16.7	0.0	0.0	0.0	1.1
27	16.3	27.0	21.9	71.7	18.360	15.9	0.0	0.0	0.0	6.5
28	14.0	26.5	20.8	66.4	16.131	14.0	0.0	0.0	0.0	6.7
29	16.5	26.0	20.9	61.5	14.509	12.9	0.0	0.0	0.0	7.3
30	14.3	24.5	19.8	80.7	18.353	16.1	0.0	0.0	0.0	3.6
PROM	16.1	25.0	20.5	80.8	19.178	16.8	22.7	90.0	112.7	135.7

ESTACION: RAFAEL ESCOJAR

MUNICIPIO: SUFIA

AÑO: 1-980

ALTITUD: 1.330

LATITUD: 5-28 N.

LONGITUD: 75-36 W.

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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	26.5	21.1	78.3	15.330	16.9	0.0	0.0	0.0	5.1
2	16.0	26.0	20.9	78.5	15.034	16.7	0.0	0.0	0.0	7.0
3	16.5	25.3	21.4	77.2	19.351	17.0	0.0	0.0	0.0	6.6
4	15.0	27.0	21.4	77.4	18.548	16.7	0.0	0.0	0.0	9.2
5	15.0	26.0	22.6	62.4	15.529	13.9	0.0	0.0	0.0	9.2
6	15.0	27.0	21.3	69.6	17.168	15.1	0.0	0.0	0.0	1.2
7	16.0	25.0	20.8	76.6	18.443	16.2	0.0	0.0	0.0	4.1
8	16.3	27.0	19.2	82.2	16.222	16.0	2.2	0.0	2.2	9.0
9	14.0	22.0	18.6	88.1	16.740	16.5	1.3	0.0	1.3	1.7
10	14.5	23.0	18.8	89.0	19.510	17.1	0.0	0.0	0.0	0.5
11	15.5	25.0	21.0	79.3	15.154	16.8	0.0	0.0	0.0	3.4
12	15.5	26.0	20.8	77.6	18.451	16.2	0.0	0.0	0.0	5.7
13	15.3	25.5	20.9	76.0	16.047	15.9	0.0	0.0	0.0	7.1
14	16.0	26.3	21.3	77.2	15.165	16.6	0.0	0.0	0.0	6.1
15	16.2	25.0	19.6	81.7	18.653	16.5	0.0	0.0	0.0	3.9
16	14.0	26.0	20.4	74.6	17.267	15.1	0.0	0.0	0.0	3.6
17	16.7	26.0	21.7	73.6	18.647	16.4	0.0	0.0	0.0	5.7
18	16.5	27.0	21.9	74.7	18.558	16.7	0.0	0.0	0.0	4.7
19	16.5	26.0	21.8	71.1	17.737	15.4	0.0	0.0	0.0	4.6
20	16.4	27.0	21.5	77.3	19.409	17.0	1.3	0.0	1.3	5.0
21	16.5	27.6	20.4	85.7	20.670	18.0	1.0	0.0	1.0	6.1
22	16.2	27.0	22.0	75.1	19.212	16.9	0.0	8.4	8.4	8.8
23	15.5	25.3	20.2	78.8	18.342	16.1	0.0	8.6	8.6	6.1
24	15.5	24.1	19.8	82.3	16.653	16.4	0.0	0.0	0.0	4.3
25	16.0	26.0	19.4	82.6	18.804	16.5	9.2	1.6	10.6	4.9
26	15.0	25.0	20.1	79.9	18.523	16.3	0.0	0.0	0.0	5.5
27	15.6	25.0	20.3	80.9	15.082	16.8	0.0	0.9	0.9	6.4
28	15.2	25.0	19.6	75.1	17.051	15.0	0.0	0.0	0.0	3.1
29	15.7	25.0	20.8	72.5	17.231	15.2	0.0	0.0	0.0	6.2
30	15.4	27.0	21.8	74.0	18.723	16.5	0.0	0.0	0.0	7.5
31	16.0	25.0	20.3	80.4	18.656	16.6	0.5	20.9	21.4	0.6
PROM.	15.7	25.8	20.7	77.8	18.670	16.3	15.5	40.4	55.9	162.9

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	15.0	25.2	19.6	80.7	17.550	15.8	0.0	1.6	1.6	2.3
2	15.5	26.0	20.8	75.1	18.122	15.9	0.0	0.0	0.0	8.3
3	15.0	25.6	19.7	78.7	18.060	15.9	0.0	0.0	0.0	3.0
4	14.0	25.5	20.2	77.4	17.634	15.7	0.0	6.7	6.7	1.6
5	15.5	26.3	21.2	77.6	18.789	16.5	0.0	0.0	0.0	4.1
6	15.5	26.0	22.5	74.7	15.470	17.1	0.0	0.0	0.0	4.7
7	18.0	26.5	22.1	77.6	20.154	17.6	0.2	1.1	1.3	2.1
8	17.7	23.1	19.7	91.5	21.353	18.5	2.1	0.0	2.1	0.5
9	16.5	26.3	21.6	75.5	16.651	16.6	0.0	11.9	11.9	1.2
10	17.1	27.0	22.1	72.5	16.671	16.4	1.0	0.0	1.0	6.5
11	16.5	29.0	23.1	67.5	18.210	16.0	0.0	0.0	0.0	6.2
12	17.2	30.0	23.2	66.1	18.627	16.3	0.0	0.0	0.0	7.3
13	17.7	30.0	23.1	73.5	20.675	18.0	0.3	0.0	0.3	4.4
14	17.0	28.3	22.9	73.8	20.173	17.6	0.0	0.0	0.0	2.4
15	17.5	29.5	21.5	77.6	20.179	17.7	5.5	0.0	5.5	2.0
16	17.2	27.6	21.4	81.0	20.750	18.1	2.0	0.0	2.0	4.8
17	16.2	29.5	22.2	74.1	15.459	17.1	0.0	0.8	0.8	4.7
18	16.7	27.3	20.6	82.0	15.632	17.2	2.3	0.6	2.9	5.4
19	15.8	28.0	22.0	72.1	16.462	16.2	0.0	0.0	0.0	4.2
20	17.3	28.2	20.7	79.7	19.717	17.3	4.2	0.0	4.2	5.0
21	15.5	28.0	22.3	71.9	18.268	16.2	0.0	0.0	0.0	8.8
22	17.0	28.0	22.6	71.4	18.669	16.6	0.0	1.2	1.2	6.9
23	16.6	30.2	25.0	55.2	16.656	14.6	0.0	0.0	0.0	8.6
24	15.0	31.0	24.1	50.7	13.556	11.9	0.0	0.0	0.0	5.8
25	16.6	31.7	23.4	58.7	16.381	14.4	0.0	0.0	0.0	8.9
26	17.3	30.0	23.2	69.1	19.866	17.0	0.0	0.0	0.0	4.8
27	17.5	30.4	23.3	62.9	17.555	15.3	0.0	0.0	0.0	8.0
28	16.8	26.6	23.5	60.0	17.126	15.0	0.0	0.0	0.0	4.7
29	16.0	28.3	21.7	77.6	20.165	17.7	0.0	2.1	2.1	2.1
30	16.8	30.0	24.7	66.4	19.265	16.9	0.0	0.1	0.1	8.9
31	17.6	30.0	22.8	69.2	18.751	16.5	0.0	14.3	14.3	7.4
PROM.	16.6	28.2	22.2	72.4	18.772	16.4	17.6	40.4	58.0	159.6

ESTACION: RAFAEL ESCOBAR

MUNICIPIO: SUPIA

AÑO: 1.980

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	15.7	27.9	20.8	74.2	18.457	16.2	0.5	1.3	1.8	2.4
2	16.8	28.3	22.3	76.8	20.240	17.7	0.0	0.0	0.0	4.8
3	16.5	28.3	22.5	71.7	18.568	16.6	0.0	0.0	0.0	5.8
4	18.0	30.0	23.3	73.0	20.649	18.0	0.0	17.2	17.2	5.5
5	16.7	28.0	22.7	74.7	20.059	17.6	0.0	0.0	0.0	7.4
6	17.5	30.0	23.3	68.7	19.060	16.6	0.0	0.0	0.0	6.4
7	18.0	27.5	22.8	72.9	19.953	17.5	0.0	0.0	0.0	6.4
8	18.3	31.0	24.5	71.4	21.545	18.7	0.0	1.0	1.0	6.9
9	17.7	28.5	22.6	77.1	20.729	18.1	0.0	0.0	0.0	4.5
10	16.5	31.0	23.7	65.6	18.254	16.1	0.0	0.0	0.0	6.6
11	17.0	30.5	23.5	62.4	17.342	15.3	0.0	0.0	0.0	6.9
12	18.7	30.5	24.1	72.1	21.273	18.5	0.0	0.0	0.0	7.7
13	17.0	30.0	24.5	64.4	19.155	16.9	0.0	0.0	0.0	8.1
14	18.0	26.0	22.8	76.8	21.127	18.4	0.0	58.6	58.6	0.6
15	16.5	23.7	20.2	68.7	20.543	18.2	1.4	0.3	1.7	0.0
16	17.7	26.5	22.0	63.7	21.715	16.8	0.0	0.0	0.0	1.7
17	17.3	28.0	22.0	74.4	19.628	17.2	0.0	0.0	0.0	6.0
18	16.6	28.0	22.0	81.0	20.133	17.6	3.1	5.5	8.6	4.4
19	17.0	26.0	22.0	77.5	20.253	17.7	0.0	32.8	32.8	3.6
20	16.0	27.0	20.0	78.6	18.528	16.3	14.4	0.0	14.4	6.9
21	17.2	25.0	20.9	82.8	20.431	17.5	0.0	2.3	2.3	1.1
22	17.0	28.0	21.9	76.0	19.357	17.0	0.0	0.0	0.0	7.6
23	17.0	27.8	22.9	78.5	21.277	15.4	0.0	0.0	0.0	8.9
24	16.3	29.0	23.3	69.9	19.371	17.0	0.0	0.0	0.0	6.0
25	17.0	25.5	23.4	70.5	19.429	17.0	0.0	10.7	10.7	2.3
26	17.0	27.0	22.7	76.3	20.279	17.7	0.0	0.0	0.0	3.7
27	18.8	28.7	23.2	73.4	20.501	17.9	0.0	18.2	18.2	0.3
28	17.2	25.3	20.3	75.7	17.666	15.4	0.9	0.0	0.9	6.3
29	15.5	28.5	22.7	72.5	19.426	17.0	0.0	6.1	6.1	5.8
30	16.3	26.4	21.6	81.3	20.427	17.8	0.0	13.9	13.9	
PROM.	17.1	28.1	22.5	74.7	19.680	17.4	20.3	167.9	188.2	152.5

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	17.5	27.7	22.5	87.2	23.488	20.0	0.0	10.5	10.5	4.0
2	17.8	28.2	22.5	78.5	21.545	18.7	0.0	0.0	0.0	3.7
3	17.5	28.5	23.4	78.1	22.026	15.1	0.0	30.3	30.3	3.5
4	16.5	25.5	21.4	81.8	20.445	17.8	0.2	8.7	8.9	3.0
5	16.6	27.6	21.3	79.5	19.555	17.5	0.0	10.4	10.4	4.3
6	17.0	24.5	20.3	84.3	19.881	17.4	3.4	0.8	4.2	3.3
7	16.6	26.0	19.2	86.6	19.663	17.2	6.4	1.5	7.9	1.2
8	16.2	27.7	19.9	84.6	19.647	17.2	1.6	0.0	1.6	3.7
9	16.6	27.1	21.6	83.5	21.604	18.7	9.0	29.2	38.2	6.7
10	16.2	24.3	20.0	86.6	20.116	17.6	0.5	0.0	0.5	0.3
11	16.5	27.0	21.8	81.3	21.079	18.3	0.0	0.0	0.0	6.0
12	16.4	27.0	22.0	74.8	19.202	16.8	0.0	0.0	0.0	6.5
13	16.7	29.5	22.6	75.2	20.351	17.8	0.0	0.0	0.0	5.4
14	18.2	29.1	23.7	75.6	21.568	19.0	0.0	41.7	41.7	6.7
15	15.2	27.6	21.4	82.3	20.546	17.9	0.0	0.0	0.0	6.6
16	18.0	29.0	22.6	79.2	21.543	18.7	0.2	7.0	7.2	5.6
17	17.8	26.0	20.3	89.5	21.551	18.7	1.8	0.3	1.3	1.2
18	17.5	26.5	21.2	84.3	21.104	18.4	0.0	10.0	10.0	0.8
19	17.6	27.0	22.0	79.3	20.709	18.0	0.0	8.9	8.9	6.3
20	17.3	24.6	18.8	68.0	19.258	16.9	47.0	0.0	47.0	0.5
21	16.5	28.0	22.1	81.6	21.053	18.3	0.0	5.7	5.7	5.4
22	16.0	27.8	22.6	78.6	20.537	16.2	0.0	0.0	0.0	6.6
23	17.5	29.1	23.3	76.5	21.674	18.2	0.0	0.0	0.0	6.7
24	17.5	26.6	23.2	71.2	19.500	17.4	0.0	0.0	0.0	7.8
25	15.5	28.7	22.7	75.2	20.183	17.6	0.0	0.0	0.0	8.0
26	18.5	28.5	22.8	80.1	22.457	15.4	0.0	0.0	0.0	5.4
27	17.2	28.8	22.4	83.5	22.734	15.5	0.0	0.0	0.0	7.3
28	17.5	29.8	23.3	78.0	21.577	19.0	0.0	0.0	0.0	6.3
29	19.2	23.5	21.2	86.6	21.576	15.0	0.0	0.0	0.0	0.0
30	17.3	28.8	22.5	75.8	20.489	17.9	0.0	0.0	0.0	5.3
31	17.0	28.5	22.4	79.0	21.213	18.4	0.0	0.0	0.0	4.2
PROM.	17.1	27.5	21.8	80.5	20.584	18.2	69.3	165.0	234.3	147.1

ESTACION: RAF # EL ESCOBAR
 ALTITUD: 1.330

MUNICIPIO: SUPIA
 LATITUD: 5-28 N.

ARO: 1.980
 LONGITUD: 75-36 W.

N 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	29.5	23.9	69.2	20.076	17.6	0.0	0.0	0.0	6.0
2	16.9	27.0	22.1	76.3	19.657	17.4	0.0	1.1	1.1	4.0
3	18.5	27.6	20.8	92.4	22.658	15.5	4.3	5.6	9.9	2.7
4	17.8	27.6	22.1	79.6	21.154	18.4	0.0	0.8	0.8	4.0
5	17.5	25.0	20.2	86.4	20.531	17.9	0.4	0.0	0.4	1.7
6	16.5	23.7	20.0	82.4	16.314	17.0	0.0	0.0	0.0	0.0
7	16.7	23.0	21.4	78.4	16.549	17.4	0.0	0.7	0.7	3.5
8	17.0	24.7	19.2	80.0	18.157	16.0	5.0	0.0	5.0	0.9
9	14.5	22.7	21.9	72.4	18.665	16.4	0.0	0.3	0.3	7.2
10	16.2	22.7	20.5	70.5	18.677	16.6	0.0	0.0	0.0	9.4
11	19.2	23.0	22.7	73.7	20.216	17.6	0.0	0.0	0.0	4.9
12	18.0	24.0	21.4	82.1	21.321	18.5	0.0	0.0	0.0	1.3
13	17.5	25.5	20.7	82.1	19.917	17.4	0.7	10.2	10.9	3.2
14	17.0	26.0	20.5	84.8	20.620	16.0	0.0	30.0	30.0	4.8
15	15.8	26.5	21.5	80.7	20.234	17.7	0.0	29.8	29.8	5.3
16	16.3	25.4	20.3	86.0	20.568	17.9	2.0	0.0	2.0	4.7
17	16.0	25.0	22.4	78.6	21.666	18.2	0.0	0.0	0.0	6.8
18	17.7	28.9	22.2	79.3	20.619	18.1	0.0	0.0	0.0	5.7
19	18.0	27.5	22.3	73.3	19.105	16.7	3.7	0.0	3.7	1.6
20	18.0	27.8	22.4	79.7	21.353	16.5	0.0	6.0	6.0	4.7
21	17.2	27.6	22.1	79.0	20.621	16.1	0.0	41.0	41.0	4.9
22	17.5	27.6	22.5	78.1	20.835	18.2	0.0	6.1	6.1	7.3
23	18.0	26.5	22.2	80.6	21.572	18.7	0.0	4.9	4.9	3.4
24	18.5	25.0	21.4	88.0	22.262	19.2	1.4	0.0	1.4	0.5
25	16.6	26.7	22.7	80.6	22.163	15.1	0.0	30.6	30.6	6.8
26	16.9	26.0	21.4	85.0	21.876	16.7	0.0	0.0	0.0	2.7
27	17.7	26.6	22.6	76.4	20.615	18.0	0.1	0.3	0.4	3.7
28	18.5	27.0	22.0	78.0	20.621	17.9	0.0	29.9	29.9	1.9
29	17.6	26.0	21.0	86.0	21.440	18.6	0.0	0.0	0.0	2.1
30	17.4	28.0	22.2	77.0	20.277	17.7	0.0	0.0	0.0	8.7
PROM.	17.3	27.0	21.7	79.9	20.556	17.9	17.6	167.3	214.9	121.4

N 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	27.0	20.6	82.9	20.417	17.8	6.4	0.1	6.5	4.3
2	17.4	26.5	22.7	74.3	19.764	17.3	0.0	0.0	0.0	7.6
3	17.4	27.5	22.1	75.7	19.611	17.1	0.0	0.0	0.0	3.9
4	17.4	27.2	21.0	80.2	19.643	17.5	0.9	7.2	8.1	4.3
5	17.5	28.0	22.1	78.3	20.441	17.9	2.4	0.0	2.4	6.1
6	17.0	27.0	22.1	76.1	19.634	17.4	0.0	0.0	0.0	3.5
7	16.6	28.5	22.1	79.3	20.872	18.1	0.0	0.0	0.0	6.8
8	18.3	24.3	20.9	83.3	20.668	16.0	0.2	0.3	0.5	0.0
9	18.4	28.0	22.1	79.7	21.123	18.4	0.0	0.0	0.0	5.3
10	17.5	28.2	22.9	74.8	20.223	17.7	0.0	0.0	0.0	5.6
11	17.5	27.7	23.0	77.1	21.152	16.4	0.0	0.0	0.0	3.6
12	18.2	28.8	22.1	75.7	20.661	17.5	0.0	26.6	26.6	8.0
13	16.0	26.3	21.1	78.6	19.217	16.5	0.0	8.4	8.4	4.9
14	17.8	28.0	22.3	80.9	21.456	16.6	0.0	4.8	4.8	4.4
15	18.0	26.8	22.1	79.8	20.857	18.2	0.0	0.0	0.0	5.4
16	17.5	27.8	22.4	78.0	20.655	18.0	0.1	1.8	1.9	4.3
17	18.0	25.5	20.0	65.4	20.665	17.6	0.0	0.0	0.0	1.6
18	17.1	27.3	21.9	77.3	19.567	17.5	0.0	28.2	28.2	6.8
19	17.6	28.0	21.9	80.9	21.076	16.3	0.0	0.0	0.0	5.0
20	17.9	28.1	22.6	73.6	19.531	17.4	0.0	0.0	0.0	6.2
21	18.0	27.5	22.5	87.0	20.717	18.1	2.3	0.0	2.3	3.1
22	17.5	28.0	22.2	77.6	20.359	17.8	0.0	11.7	11.7	3.0
23	17.4	28.5	22.7	77.6	20.875	16.2	0.0	5.0	5.0	4.4
24	18.0	28.0	22.3	82.0	21.654	18.9	0.0	11.8	11.8	3.6
25	17.2	26.2	20.3	84.6	20.052	17.5	0.3	0.5	0.8	1.8
26	17.4	26.2	19.4	87.0	19.761	17.3	11.1	0.0	11.1	4.2
27	16.5	27.1	21.3	77.1	19.360	17.0	3.3	2.2	5.5	6.1
28	16.0	26.2	19.5	83.0	19.110	16.7	23.0	0.3	23.3	6.3
29	16.5	27.4	21.4	78.1	19.606	17.2	0.0	5.4	5.4	6.5
30	17.0	26.5	21.7	80.6	20.613	16.0	0.0	3.6	3.6	4.3
31	17.6	26.0	21.4	83.6	21.101	16.5	0.0	0.0	0.0	3.1
PROM.	17.4	27.3	21.6	79.7	20.359	17.8	50.0	117.9	167.9	142.0

ESTACION: RAFAEL ESCOBAR

MUNICIPIO: ELPIA

AÑO: 1.980

ALTITUD: 1.350

LATITUD: 5-28 N.

LONGITUD: 75-38 W.

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MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto roco °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.0	26.2	20.7	14.2	29.0	75.5	19.039	16.7	74.6	11	142.0
FEBRERO	16.3	26.2	20.8	15.0	29.5	76.0	18.658	16.4	120.7	13	159.8
MARZO	16.7	27.4	21.9	15.0	30.6	74.1	18.887	16.5	60.6	8	146.8
ABRIL	16.5	26.6	21.4	15.0	29.5	76.0	19.435	17.0	105.8	13	104.7
MAYO	16.9	25.6	20.7	15.0	27.6	63.9	20.258	17.7	272.5	19	109.6
JUNIO	16.1	23.0	20.5	14.0	26.0	60.6	19.178	16.8	112.7	14	135.7
JULIO	15.7	23.6	20.7	14.0	26.0	77.6	18.570	16.3	55.9	9	162.9
AGOSTO	16.6	28.2	22.2	14.0	31.7	72.4	18.772	16.4	58.0	16	159.6
SEPTIEMBRE	17.1	28.1	22.5	15.5	31.0	74.7	19.680	17.4	188.2	14	152.9
OCTUBRE	17.1	27.5	21.8	15.2	25.9	60.9	20.984	18.2	234.3	16	147.1
NOVIEMBRE	17.3	27.0	21.7	14.5	25.5	75.9	20.556	17.9	214.9	20	121.4
DICIEMBRE	17.4	27.3	21.6	16.0	26.8	75.7	20.359	17.8	167.9	19	142.0
PROMEDIO	16.7	26.7	21.4	14.8	25.4	76.3	19.551	17.1			
TOTAL									1666.1	172	1684.5

ESTACION: AGRONOMA

MUNICIPIO: MANIZALES

AÑO: 1980

ALTITUD: 2.150

LATITUD: 5-04 N.

LONGITUD: 75-31 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	13.2	20.3	16.9	68.7	16.542	14.6	0.0	0.0	0.0	
2	13.6	21.4	17.4	65.6	17.025	15.0	0.0	0.0	0.0	
3	12.9	23.4	17.3	63.2	16.163	14.2	0.0	0.0	0.0	
4	15.0	23.4	17.9	78.1	15.656	13.6	0.0	0.0	0.0	
5	13.2	24.6	17.7	78.0	15.460	13.5	0.0	0.0	0.0	
6	13.4	24.6	18.3	76.2	15.546	13.5	0.0	0.0	0.0	
7	12.6	24.6	17.6	72.6	14.815	12.5	0.0	0.0	0.0	
8	12.6	24.6	18.1	75.5	15.471	13.4	1.1	0.0	1.1	
9	13.2	23.4	16.6	67.9	15.655	13.6	0.3	0.0	0.3	
10	13.2	23.4	17.5	77.2	15.334	13.3	16.9	0.0	16.9	
11	14.0	23.4	16.2	66.7	16.167	14.2	0.0	0.0	0.0	
12	12.0	22.4	17.0	74.0	14.815	12.5	0.0	26.5	26.5	
13	12.5	22.4	16.4	67.3	16.222	14.1	12.9	6.2	19.1	
14	13.6	23.4	16.4	66.6	16.320	14.3	0.7	14.8	15.5	
15	13.2	20.6	15.4	62.6	16.548	14.5	2.7	15.8	18.5	
16	13.4	20.3	15.9	60.6	16.366	14.4	0.1	0.0	0.1	
17	13.0	20.6	15.4	65.2	15.150	13.2	0.4	0.0	0.4	
18	12.2	20.6	16.0	67.3	15.653	13.6	2.0	0.0	2.0	
19	12.2	20.6	15.6	62.6	14.666	12.6	0.0	0.0	0.0	
20	11.2	23.6	16.9	79.1	14.556	12.9	0.0	0.0	0.0	
21	11.6	21.6	15.6	69.5	15.756	13.7	0.0	0.0	0.0	
22	11.4	23.6	17.3	70.7	14.070	12.0	0.0	0.0	0.0	
23	13.6	22.7	16.1	79.6	16.615	14.6	0.0	0.0	0.0	
24	13.6	23.6	17.7	70.6	15.355	13.4	0.0	0.0	0.0	
25	14.0	24.6	18.5	72.1	15.363	13.3	0.0	0.0	0.0	
26	14.6	25.6	19.0	75.0	16.238	14.3	0.0	0.0	0.0	
27	13.4	25.6	18.4	76.7	15.656	13.8	0.0	3.0	3.0	
28	15.0	19.6	16.2	63.6	17.266	15.2	18.3	0.0	18.3	
29	13.0	21.6	17.2	64.3	16.400	14.4	15.6	1.7	17.3	
30	13.6	18.6	15.2	63.3	16.538	14.5	C.2	2.9	3.1	
31	12.2	22.3	17.6	64.9	16.664	14.6	0.0	0.0	0.0	
PROM.	13.1	22.7	17.0	62.1	15.645	13.6	71.2	70.9	142.1	

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	13.2	20.6	16.5	62.2	17.258	15.1	0.0	16.1	16.1	
2	11.6	22.0	17.4	61.3	15.659	13.9	20.1	0.0	20.1	
3	12.4	20.0	15.0	62.7	16.356	14.4	0.7	13.6	14.3	
4	13.2	19.5	15.3	68.5	15.462	13.5	5.6	14.3	19.9	
5	12.2	20.6	17.0	76.5	14.609	12.6	0.0	0.6	0.6	
6	13.4	21.6	16.1	62.1	16.658	14.6	0.4	0.0	0.4	
7	12.2	21.6	17.0	61.0	15.656	13.5	3.6	0.0	3.6	
8	12.6	23.1	17.4	65.5	17.053	14.6	0.0	1.7	1.7	
9	13.2	22.5	17.4	61.4	15.550	13.5	0.0	0.0	0.0	
10	13.2	24.4	18.7	75.2	15.272	13.3	0.0	0.0	0.0	
11	12.2	23.0	16.5	70.3	14.574	12.4	0.0	0.0	0.0	
12	12.0	23.0	16.2	72.0	14.758	12.7	0.0	0.0	0.0	
13	14.0	25.0	16.6	71.2	15.159	13.1	0.0	0.0	0.0	
14	13.6	25.5	17.6	70.4	15.571	11.9	0.0	0.0	0.0	
15	13.6	25.0	18.2	76.6	15.622	13.6	0.0	0.0	0.0	
16	14.0	20.4	16.6	67.0	16.165	14.2	0.0	59.2	59.2	
17	13.0	19.6	16.8	69.7	16.509	14.6	6.0	0.6	6.6	
18	13.0	22.6	16.8	61.7	15.649	13.7	C.0	0.0	0.0	
19	13.0	20.4	15.5	66.5	15.651	13.9	45.1	0.0	45.1	
20	13.0	20.5	16.5	64.1	15.640	13.7	5.9	0.0	5.9	
21	11.2	20.6	14.9	65.0	14.405	12.4	12.1	0.0	12.1	
22	11.2	23.0	16.8	76.5	14.640	12.7	0.0	0.0	0.0	
23	11.4	22.6	16.2	50.0	16.670	14.5	2.6	0.0	2.6	
24	13.0	24.7	18.4	72.1	14.508	12.5	0.0	14.9	14.9	
25	13.6	21.2	16.7	62.2	17.463	15.4	7.9	2.5	10.4	
26	13.0	21.6	17.0	64.0	15.563	14.0	0.0	0.0	0.0	
27	12.2	22.0	17.5	76.0	15.147	13.2	0.0	0.0	0.0	
28	13.2	24.6	18.2	71.4	14.616	12.6	C.0	0.0	0.0	
29	11.0	21.6	16.2	67.0	15.762	13.6	2.3	0.4	2.7	
PROM.	12.7	22.3	17.0	61.5	15.644	13.6	113.0	150.3	263.3	

ESTACION: AGRONOMIA
 ALTITUD: 2.150

MUNICIPIO: MANIZALES AÑO: 1.980
 LATITUD: 5-04 N. LONGITUD: 75-31 W.

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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	12.0	20.8	17.2	82.4	15.529	13.8	0.0	0.0	0.0	
2	12.2	21.5	17.5	77.7	15.360	13.2	2.1	4.5	6.6	
3	14.0	23.4	17.6	82.3	16.215	14.2	0.0	0.0	0.0	
4	13.4	23.5	17.6	79.3	15.744	13.7	0.0	12.9	12.9	
5	13.2	20.9	16.4	89.8	16.522	14.5	0.5	0.0	0.5	
6	13.0	22.7	17.4	73.4	14.264	12.2	0.0	0.0	0.0	
7	12.2	23.5	18.4	69.7	14.116	12.1	0.0	1.4	1.4	
8	14.4	24.4	18.6	86.6	16.485	14.5	7.9	0.0	7.9	
9	13.2	23.3	18.1	78.9	16.161	14.1	0.0	0.0	0.0	
10	13.4	22.0	17.8	78.7	15.559	14.0	0.0	0.0	0.0	
11	13.2	24.3	18.0	77.9	15.819	13.8	0.0	0.0	0.0	
12	14.2	24.4	19.3	78.4	17.133	15.0	0.0	0.0	0.0	
13	14.0	23.5	18.8	76.6	16.651	14.7	0.0	0.0	0.0	
14	15.0	21.0	18.0	92.1	16.669	16.6	0.0	0.0	0.0	
15	14.2	22.2	17.8	81.8	16.762	14.7	0.0	0.0	0.0	
16	13.2	23.3	16.9	83.4	16.210	14.2	2.7	0.0	2.7	
17	13.2	23.4	17.8	86.0	17.266	15.1	0.0	0.8	0.8	
18	13.2	20.4	16.4	90.3	16.828	14.7	3.1	0.6	3.7	
19	14.2	21.4	17.2	85.5	16.666	14.7	0.0	0.7	0.7	
20	13.0	24.4	18.0	73.6	14.752	12.8	0.0	0.0	0.0	
21	11.2	25.0	17.6	75.4	15.045	12.9	0.4	0.0	0.4	
22	14.2	21.6	16.9	87.3	17.141	15.1	13.4	0.0	13.4	
23	13.2	23.0	18.3	77.0	15.516	13.9	0.1	0.0	0.1	
24	13.2	26.0	19.6	70.5	15.762	13.7	0.0	0.0	0.0	
25	15.2	22.4	17.9	82.8	16.554	15.0	0.0	0.0	0.0	
26	14.2	24.0	19.3	71.8	15.585	13.6	0.0	0.0	0.0	
27	14.2	26.6	20.4	68.8	15.711	13.7	0.0	0.0	0.0	
28	15.0	26.0	19.8	69.3	15.566	13.6	0.0	0.0	0.0	
29	15.0	25.4	18.5	71.3	15.575	13.5	0.0	0.0	0.0	
30	15.6	22.0	17.9	85.4	17.639	15.6	1.3	1.9	3.2	
31	13.0	23.2	18.6	69.6	15.240	13.2	0.0	0.0	0.0	
PROM.	13.6	23.3	18.1	79.2	16.135	14.1	31.6	22.8	54.4	

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	14.0	23.5	18.2	71.2	14.723	12.7	0.0	3.8	3.8	
2	12.3	20.4	16.0	81.0	14.677	12.7	0.4	0.8	1.2	
3	13.0	23.8	16.8	86.4	16.515	14.5	5.6	0.0	5.6	
4	12.5	25.2	16.0	81.4	14.531	13.0	0.9	0.0	0.9	
5	12.5	23.6	17.2	77.2	15.100	13.0	0.0	0.0	0.0	
6	13.2	23.4	17.3	65.0	16.488	14.4	1.7	14.4	16.1	
7	13.4	20.0	16.2	82.2	16.612	14.8	5.7	7.1	12.8	
8	13.4	20.4	16.1	86.0	15.657	13.9	8.5	0.0	8.5	
9	13.2	23.6	18.0	75.0	15.184	13.2	0.0	0.0	0.0	
10	13.2	22.5	17.0	79.0	15.372	13.4	0.0	0.0	0.0	
11	13.0	22.6	16.6	79.5	15.097	13.1	1.0	0.0	1.0	
12	13.5	24.0	17.9	66.9	13.165	11.0	0.0	0.0	0.0	
13	13.2	23.4	17.2	74.3	14.403	12.4	0.0	0.0	0.0	
14	13.4	23.3	18.0	85.6	17.485	15.3	0.6	2.3	2.9	
15	13.4	23.4	17.5	85.4	16.748	14.7	0.0	0.0	0.0	
16	14.2	25.2	18.8	73.1	15.599	13.6	0.0	0.0	0.0	
17	14.2	22.4	18.3	81.4	17.131	15.1	0.4	0.0	0.4	
18	14.2	24.4	19.2	72.9	15.647	13.7	0.0	0.0	0.0	
19	15.2	22.9	19.0	72.1	15.454	13.4	0.0	5.7	5.7	
20	15.0	22.6	18.4	75.6	15.454	13.5	0.2	0.0	0.2	
21	15.2	23.3	18.0	75.0	15.400	13.4	0.0	0.8	0.8	
22	15.0	20.9	18.4	80.9	16.644	14.8	0.0	5.7	5.7	
23	13.2	22.6	16.0	82.0	16.514	14.5	0.0	0.3	0.3	
24	14.0	17.0	16.0	93.1	16.630	14.9	13.3	0.0	13.3	
25	13.2	20.4	16.5	86.3	16.073	14.1	3.3	3.1	6.4	
26	13.6	20.4	16.4	84.1	15.655	13.7	0.6	0.0	0.6	
27	12.4	25.1	18.4	69.4	14.467	12.4	0.0	0.0	0.0	
28	13.6	22.4	17.3	84.1	16.589	14.5	2.5	2.4	4.9	
29	12.0	21.0	16.7	79.0	14.953	12.9	0.9	0.0	0.9	
30	13.4	23.4	18.4	82.8	17.136	15.1	0.0	5.5	5.5	
PROM.	13.5	22.6	17.5	79.9	15.751	13.7	45.6	51.9	97.5	

ESTACION: AGRICOLA

MUNICIPIO: MANIZALES

AÑO:

1.980.

ALTITUD: 2.150

LATITUD: 5-04 N.

LONGITUD: 75-31 W.

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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	14.2	20.8	16.0	87.6	16.411	14.4	31.2	23.4	54.6	
2	12.2	20.4	16.7	89.6	16.657	14.6	0.0	0.5	0.5	
3	14.2	20.0	16.7	82.5	15.876	13.5	0.0	0.0	0.0	
4	13.0	21.6	17.4	72.5	14.245	12.2	0.0	0.0	0.0	
5	13.4	23.2	17.3	82.2	16.157	14.2	0.0	0.0	0.0	
6	13.4	20.6	17.1	90.5	17.617	15.5	1.5	0.5	2.0	
7	14.2	20.6	17.1	83.3	16.255	14.3	2.0	0.0	2.0	
8	14.2	19.7	16.8	86.6	16.565	14.6	1.7	3.1	4.8	
9	13.4	20.4	17.3	90.3	17.771	15.6	0.6	11.7	12.3	
10	13.2	21.5	16.1	83.6	15.588	13.6	8.5	0.4	8.9	
11	13.6	24.2	19.0	77.5	16.463	14.6	0.0	0.0	0.0	
12	14.2	23.2	18.8	79.2	16.593	14.9	0.3	0.0	0.3	
13	14.2	19.5	16.3	89.7	16.501	14.8	4.4	1.4	5.8	
14	13.2	18.6	16.0	91.4	16.764	14.7	4.3	5.9	10.2	
15	13.2	19.0	14.9	95.6	16.371	14.4	8.6	0.0	8.6	
16	13.2	22.6	17.9	84.3	17.227	15.1	0.0	0.0	0.0	
17	13.7	22.4	16.8	83.4	16.204	14.2	3.6	0.3	3.9	
18	14.0	19.8	15.8	92.6	16.829	14.8	10.0	14.5	24.9	
19	12.2	22.5	16.7	85.4	16.382	14.3	0.0	0.0	0.0	
20	13.4	23.3	17.6	79.8	16.270	14.3	0.9	0.0	0.9	
21	14.2	20.6	17.5	87.5	17.705	15.6	0.0	0.0	0.0	
22	14.2	22.7	17.6	82.8	16.564	14.6	0.0	3.0	3.0	
23	14.2	19.7	17.3	88.0	17.126	15.0	0.0	2.2	2.2	
24	13.2	20.4	16.7	84.6	15.884	13.9	0.0	0.0	0.0	
25	13.4	21.4	16.1	89.4	16.301	14.2	9.8	0.0	9.8	
26	13.4	20.4	16.9	90.7	17.546	15.4	3.0	0.9	3.9	
27	14.2	23.5	18.8	70.5	14.776	12.6	0.0	0.0	0.0	
28	14.2	22.1	18.0	83.1	17.183	15.1	0.0	0.0	0.0	
29	13.2	20.6	17.3	83.4	16.117	14.1	0.0	0.6	0.6	
30	14.2	22.0	17.5	84.9	16.762	14.7	1.1	4.5	5.6	
31	13.4	21.0	16.5	83.6	15.532	13.9	1.0	2.0	3.0	
PROM.	13.6	21.3	17.0	85.1	16.509	14.5	92.5	75.3	167.8	

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	13.4	18.5	14.8	55.5	16.454	14.4	38.9	0.3	39.2	
2	13.0	19.1	15.2	51.1	15.637	13.6	7.2	0.0	7.2	
3	12.2	22.6	17.7	77.3	15.274	13.3	0.0	0.0	0.0	
4	14.2	22.4	16.3	78.1	16.099	14.1	0.0	0.0	0.0	
5	14.0	23.0	16.0	80.2	16.580	14.5	0.3	0.6	0.9	
6	14.4	22.0	17.4	87.4	17.260	15.2	0.0	0.0	0.0	
7	14.2	21.3	17.1	84.0	16.520	14.5	4.5	0.0	4.5	
8	14.2	22.3	18.4	72.9	15.142	13.1	0.0	0.0	0.0	
9	14.2	20.4	17.7	85.3	17.227	15.2	0.0	12.0	12.0	
10	15.0	18.4	16.7	69.6	16.563	14.9	1.8	0.6	2.4	
11	14.2	21.0	17.2	66.1	16.752	14.8	1.7	5.4	7.1	
12	13.5	18.0	15.7	93.2	16.649	14.6	2.9	19.4	22.3	
13	13.2	19.2	16.1	90.4	16.622	14.6	2.2	0.0	2.2	
14	12.8	24.4	18.9	63.6	13.649	11.5	0.0	0.0	0.0	
15	14.2	24.7	18.7	67.1	14.737	12.6	0.0	0.0	0.0	
16	14.1	25.1	18.4	68.1	15.064	13.1	0.0	0.0	0.0	
17	14.1	22.0	18.6	78.1	16.460	14.5	0.0	0.0	0.0	
18	14.2	22.5	17.6	82.6	16.619	14.6	0.2	0.0	0.2	
19	14.2	20.0	16.2	89.9	16.622	14.8	1.5	5.4	6.9	
20	13.4	17.4	14.7	95.5	16.165	14.2	10.2	0.0	10.2	
21	13.0	21.4	16.8	80.0	15.157	13.2	0.0	0.0	0.0	
22	14.2	23.9	16.8	86.0	16.233	14.3	0.5	0.0	0.5	
23	13.0	23.1	17.1	75.9	14.562	13.0	2.0	0.0	2.0	
24	13.4	22.6	16.3	74.2	15.561	13.6	0.0	3.0	3.0	
25	13.6	24.4	18.5	78.5	16.758	14.7	0.0	0.0	0.0	
26	14.1	21.3	17.1	81.7	15.657	13.5	0.0	0.0	0.0	
27	14.1	23.4	17.8	75.0	15.434	13.5	0.0	0.0	0.0	
28	13.9	23.5	18.5	62.2	13.000	10.8	0.0	0.0	0.0	
29	14.1	23.4	17.4	67.6	13.359	11.3	0.0	1.7	1.7	
30	13.4	21.6	17.3	78.3	15.305	13.3	0.0	0.0	0.0	
PROM.	13.8	21.7	17.3	80.5	15.620	13.6	73.9	45.4	119.3	

ESTACION: AGRONOMIA

MUNICIPIO: MANIZALES AÑO: 1.980

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	13.2	22.6	17.2	77.6	15.111	13.1	0.0	0.0	0.0	
2	13.4	21.4	17.0	78.0	15.508	13.5	0.0	0.0	0.0	
3	14.1	21.0	17.5	76.1	15.288	13.3	0.0	0.0	0.0	
4	13.0	24.9	18.9	65.5	14.522	12.9	0.1	0.0	0.1	
5	13.4	25.0	18.5	65.0	13.538	11.5	0.0	0.0	0.0	
6	12.6	22.8	18.3	63.6	13.062	10.9	0.0	0.0	0.0	
7	12.4	22.4	18.1	69.4	14.017	11.9	0.0	0.0	0.0	
8	13.2	23.3	18.2	75.2	15.358	13.4	0.0	0.0	0.0	
9	13.2	20.4	16.3	65.0	15.752	13.7	0.8	0.0	0.8	
10	13.2	20.0	15.0	68.2	15.522	13.3	3.2	0.0	3.2	
11	12.4	20.7	16.4	66.6	15.671	13.6	0.0	0.0	0.0	
12	12.4	23.0	17.6	77.0	15.231	13.3	0.0	0.0	0.0	
13	13.4	22.1	17.2	79.6	15.450	13.5	0.0	0.0	0.0	
14	14.2	22.2	17.1	85.5	16.508	14.5	1.3	0.0	1.3	
15	13.6	20.2	16.6	68.3	16.633	14.6	0.7	0.0	0.7	
16	12.4	23.8	17.9	67.1	13.384	11.3	0.0	0.0	0.0	
17	13.4	24.0	18.0	75.2	15.211	13.2	0.0	0.0	0.0	
18	12.6	24.2	18.4	74.0	15.450	13.5	0.0	0.0	0.0	
19	14.2	23.6	18.3	73.3	15.150	13.3	0.0	0.0	0.0	
20	14.1	21.4	17.5	67.7	17.288	15.1	0.0	0.0	0.0	
21	15.0	22.4	17.0	87.5	17.050	15.0	2.0	0.0	2.0	
22	13.4	23.6	17.6	60.0	15.777	13.6	0.2	2.8	3.0	
23	13.4	20.6	17.2	87.6	16.554	14.9	0.0	7.7	7.7	
24	12.2	21.1	16.8	82.0	15.281	13.4	0.0	0.0	0.0	
25	12.4	21.4	15.8	69.4	16.211	14.1	2.4	1.5	3.9	
26	12.2	22.6	17.2	75.3	14.156	12.4	0.0	0.0	0.0	
27	14.1	22.8	17.4	81.9	16.133	14.1	0.8	0.0	0.8	
28	13.4	22.6	16.6	60.1	15.185	13.2	3.7	0.0	3.7	
29	12.0	23.4	17.3	79.6	15.257	13.3	0.0	0.0	0.0	
30	14.2	23.3	17.3	79.4	15.566	13.6	7.8	0.0	7.8	
31	14.2	21.4	17.5	60.7	16.066	14.1	0.0	0.0	0.0	
PROM.	13.5	22.5	17.4	78.9	15.424	13.4	23.0	12.0	35.0	

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	13.2	22.5	17.3	72.6	14.041	12.0	0.0	0.0	0.0	
2	13.2	23.0	17.0	71.7	13.757	11.7	1.1	0.2	1.3	
3	13.4	21.2	16.0	64.4	15.500	13.5	6.9	0.0	6.9	
4	11.2	20.2	16.0	62.4	15.257	13.2	0.0	1.6	1.6	
5	13.2	23.5	18.0	75.6	15.045	13.1	0.0	1.7	1.7	
6	13.2	20.4	16.7	62.1	15.544	13.6	0.0	0.0	0.0	
7	13.6	20.2	16.6	67.4	16.473	14.4	3.1	0.0	3.1	
8	13.2	16.6	15.1	91.9	15.615	13.5	3.0	0.0	3.0	
9	12.4	20.8	16.7	78.7	14.645	12.6	0.0	6.2	6.2	
10	12.4	21.4	16.4	83.8	15.827	13.6	0.0	0.0	0.0	
11	12.2	23.1	17.5	69.4	13.653	11.6	0.0	0.0	0.0	
12	13.4	23.4	17.8	75.1	15.145	13.1	5.6	0.0	5.6	
13	13.2	23.3	17.3	67.1	13.301	11.1	2.5	0.0	2.5	
14	13.0	21.2	17.8	75.1	15.128	13.1	0.0	0.0	0.0	
15	13.6	22.4	17.6	76.7	15.551	13.6	0.0	0.0	0.0	
16	13.6	20.4	15.4	61.8	16.323	14.3	4.7	0.0	4.7	
17	13.0	23.6	17.5	79.3	15.770	13.8	0.0	0.0	0.0	
18	13.2	20.4	16.0	65.5	15.616	13.6	1.6	0.0	1.6	
19	12.4	21.3	16.6	84.7	15.725	13.8	0.4	0.0	0.4	
20	14.0	20.1	16.1	64.7	15.461	13.5	1.0	0.0	1.0	
21	11.4	21.5	16.1	76.3	13.710	11.7	0.2	0.0	0.2	
22	11.2	21.4	16.3	73.3	13.554	11.8	0.0	0.6	0.6	
23	13.4	24.1	17.8	66.1	12.535	10.7	0.0	0.0	0.0	
24	12.4	25.2	18.1	54.8	10.536	8.3	0.0	0.0	0.0	
25	12.4	23.3	18.3	59.8	12.356	10.1	0.0	0.0	0.0	
26	13.2	24.4	18.7	67.5	14.312	12.3	0.0	0.0	0.0	
27	14.4	25.0	18.1	70.7	14.430	12.4	0.0	0.0	0.0	
28	12.2	23.9	17.5	64.6	12.641	10.4	0.0	0.2	0.2	
29	13.6	19.2	15.6	91.7	16.360	14.4	2.5	0.2	2.7	
30	12.4	24.6	18.5	69.3	14.339	12.3	0.0	0.0	0.0	
31	12.6	22.3	17.0	78.5	15.276	13.3	10.8	10.4	21.2	
PROM.	12.9	22.1	17.0	76.5	14.682	12.6	53.4	21.1	74.5	

ESTACION: AGRONOMA

MUNICIPIO: MANIZALES

AÑO: 1980

ALTITUD: 2.150

LATITUD: 5-04 N.

LONGITUD: 75-31 W.

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MES - 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	12.6	20.2	16.1	77.4	14.361	12.3	1.9	6.7	8.6	
2	11.2	21.6	15.6	83.5	15.631	13.0	1.1	0.0	1.1	
3	12.2	21.6	17.3	85.3	16.673	14.5	0.0	4.6	4.6	
4	13.2	21.4	16.0	84.5	15.577	14.0	14.1	9.3	23.4	
5	12.6	22.4	16.9	83.7	15.766	13.8	0.4	0.0	0.4	
6	14.2	23.2	18.8	70.7	15.006	13.0	0.0	0.0	0.0	
7	13.7	22.0	17.2	72.1	14.345	12.3	0.0	0.0	0.0	
8	13.4	23.3	18.6	78.4	16.623	14.6	0.0	0.0	0.0	
9	14.2	22.3	17.3	79.0	15.322	13.3	0.0	0.0	0.0	
10	13.2	22.4	17.8	69.9	13.222	11.5	0.0	0.0	0.0	
11	12.6	22.4	18.6	58.1	12.050	9.8	0.6	1.1	1.7	
12	14.6	22.4	18.4	69.5	14.353	12.3	0.0	0.0	0.0	
13	13.2	22.5	17.2	72.6	14.231	12.2	0.0	0.0	0.0	
14	13.6	20.0	16.5	84.2	16.421	14.4	0.2	0.0	0.2	
15	14.2	19.5	15.3	93.6	16.216	14.3	0.7	0.0	0.7	
16	12.2	21.7	16.2	89.2	16.301	14.2	0.5	0.0	0.5	
17	12.6	22.3	16.3	79.8	14.878	12.5	2.6	0.0	2.6	
18	13.0	22.7	16.6	63.5	16.046	14.1	1.9	2.5	4.4	
19	12.2	21.0	15.7	65.0	15.220	13.3	0.4	19.7	20.1	
20	11.4	21.5	14.7	65.4	14.421	12.4	3.6	0.0	3.6	
21	13.4	18.7	15.5	91.8	16.163	14.2	2.8	0.0	2.8	
22	12.4	20.4	16.9	82.8	16.051	13.5	0.0	0.0	0.0	
23	13.2	23.2	18.0	77.7	15.732	13.8	0.0	0.0	0.0	
24	13.2	23.4	17.7	74.6	15.005	13.0	0.0	0.0	0.0	
25	14.2	23.2	17.7	78.0	15.624	13.7	0.2	7.7	7.9	
26	13.4	21.1	17.0	66.5	16.755	14.8	1.1	0.0	1.1	
27	13.2	22.8	16.5	76.8	14.535	12.5	0.8	0.6	1.4	
28	12.2	20.5	16.7	87.2	16.478	14.5	0.0	0.0	0.0	
29	12.4	20.4	17.4	80.3	15.700	13.7	0.0	0.0	0.0	
30	14.2	22.3	16.9	77.2	14.727	12.7	0.0	3.9	3.9	
PROM.	13.0	21.8	16.9	60.0	15.340	13.3	41.9	56.1	98.0	

MES - 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	14.0	20.2	16.3	69.1	16.560	14.5	0.0	0.0	0.0	
2	14.2	20.2	17.2	63.4	16.360	14.4	0.0	0.0	0.0	
3	13.2	23.0	17.6	84.2	16.750	14.7	0.2	35.7	35.9	
4	12.2	21.5	15.6	85.6	14.853	12.9	3.5	11.9	15.4	
5	12.4	20.6	16.1	86.2	15.271	13.7	3.2	0.0	3.2	
6	13.2	19.2	15.0	63.5	16.038	14.1	0.7	11.7	12.4	
7	12.2	20.3	16.0	66.6	15.654	13.9	3.9	0.3	4.2	
8	11.0	21.4	16.4	61.3	14.543	13.0	0.0	33.1	33.1	
9	13.2	21.5	16.4	79.1	14.465	12.3	14.4	39.8	54.2	
10	12.4	18.0	15.4	86.8	15.171	13.2	0.6	0.0	0.6	
11	11.6	21.6	17.0	80.1	15.551	13.5	1.3	0.0	1.3	
12	13.2	21.8	16.1	73.9	13.066	10.4	3.1	0.0	3.1	
13	13.2	21.3	17.1	76.6	14.557	12.9	1.3	1.1	2.4	
14	13.2	22.5	17.3	78.5	15.387	13.4	0.2	0.0	0.2	
15	13.2	20.8	17.1	83.2	16.050	14.1	0.0	0.0	0.0	
16	13.2	21.4	16.3	83.5	15.556	13.6	0.0	0.0	0.0	
17	13.2	18.5	14.8	94.8	15.654	13.5	7.4	0.0	7.4	
18	13.2	18.2	15.5	93.4	16.504	14.5	2.7	8.1	10.8	
19	12.2	20.6	16.8	65.6	16.176	14.2	0.0	0.0	0.0	
20	12.4	20.3	15.2	63.3	16.052	14.1	0.0	0.0	0.0	
21	11.2	22.2	15.9	81.5	14.769	12.2	0.0	0.0	0.0	
22	12.6	23.4	17.2	79.7	15.264	13.4	0.0	0.0	0.0	
23	13.4	22.6	17.3	78.2	15.506	13.5	0.5	0.0	0.5	
24	13.2	23.3	17.3	78.8	15.467	13.5	1.8	0.0	1.8	
25	13.2	22.6	17.0	77.8	15.062	13.0	0.0	0.0	0.0	
26	13.2	22.0	16.1	66.6	15.510	13.9	0.0	0.8	0.8	
27	13.4	20.7	16.9	86.0	16.476	14.5	0.0	0.0	0.0	
28	13.2	22.2	18.0	75.7	15.374	13.3	0.0	0.0	0.0	
29	14.0	17.3	15.8	93.8	16.532	14.9	0.0	0.0	0.0	
30	13.0	20.4	16.2	79.8	14.729	12.8	0.0	0.0	0.0	
31	13.0	22.5	16.8	81.1	15.628	13.6	0.7	0.0	0.7	
PROM.	12.9	21.0	16.4	63.6	15.553	13.6	45.5	142.5	188.0	

ESTACION: AGRONÓMICA

MUNICIPIO: MANIZALES

AÑO:

1.980

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	12.6	22.5	16.5	84.1	15.676	13.6	18.2	22.1	40.3	
2	13.0	20.0	16.4	85.7	15.581	14.0	1.3	0.9	2.2	
3	13.2	20.4	15.5	86.2	15.530	13.5	0.0	0.0	0.0	
4	13.0	20.2	15.7	87.1	15.750	13.6	0.0	0.0	0.0	
5	13.4	16.6	14.7	91.1	15.270	13.3	0.0	0.0	0.0	
6	13.2	20.2	16.3	83.1	15.215	13.2	22.7	0.0	22.7	
7	12.4	20.6	15.3	85.5	15.179	13.2	22.7	34.5	57.2	
8	12.2	20.0	15.3	87.5	15.223	13.2	0.0	0.0	0.0	
9	11.0	22.3	16.8	78.0	14.725	12.7	0.0	1.8	1.8	
10	13.0	22.3	17.5	76.0	14.568	12.9	0.0	0.0	0.0	
11	12.6	21.3	17.0	85.7	14.564	14.5	0.4	1.6	2.0	
12	13.4	18.0	15.2	95.8	16.661	14.6	4.6	0.0	4.6	
13	13.2	21.5	15.9	91.0	16.412	14.4	0.0	1.3	1.3	
14	13.2	18.6	15.1	88.5	15.162	13.2	0.0	0.0	0.0	
15	13.0	20.4	15.5	86.0	15.051	13.1	0.0	7.3	7.3	
16	13.2	20.5	16.6	88.8	16.757	14.8	0.0	0.0	0.0	
17	12.4	22.3	16.2	83.4	15.443	13.5	5.5	0.0	5.5	
18	12.4	23.0	16.8	80.6	15.574	13.6	2.5	7.4	9.9	
19	12.0	21.3	16.4	79.0	14.643	12.6	0.4	0.0	0.4	
20	12.2	21.9	16.6	79.4	14.728	12.7	0.0	0.0	0.0	
21	13.2	20.4	16.3	83.2	15.455	13.5	0.0	0.0	0.0	
22	14.0	21.7	16.5	80.0	14.503	12.9	0.0	0.6	0.6	
23	13.2	20.9	16.6	88.3	16.573	14.5	0.0	0.0	0.0	
24	13.4	15.0	16.1	88.4	16.070	14.1	0.1	0.0	0.1	
25	13.0	23.6	17.5	81.6	16.132	14.1	0.0	1.7	1.7	
26	14.0	20.5	16.5	79.5	15.231	13.2	0.0	0.0	0.0	
27	13.4	21.9	16.8	80.1	15.362	13.3	0.0	0.0	0.0	
28	13.2	22.7	17.8	78.5	15.621	13.9	0.0	0.0	0.0	
29	13.2	15.5	15.2	90.6	15.629	13.8	2.9	0.0	2.9	
30	13.2	23.0	16.8	78.7	15.036	13.0	0.0	0.0	0.0	
PROM.	13.0	20.5	16.2	84.4	15.567	13.6	81.3	79.2	160.5	

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	12.6	23.4	14.6	87.8	15.139	13.1	25.0	1.0	26.0	
2	12.2	23.4	17.0	75.1	14.255	12.3	0.0	3.2	3.2	
3	12.6	22.6	17.7	84.7	16.555	14.9	43.9	0.5	44.4	
4	11.4	21.6	16.6	80.3	15.215	13.2	0.0	0.0	0.0	
5	12.6	22.4	15.9	87.9	15.514	13.9	4.9	0.0	4.9	
6	13.2	21.5	16.6	82.1	15.547	13.6	13.0	0.0	13.0	
7	13.0	23.4	16.9	80.4	15.157	13.1	0.0	0.0	0.0	
8	12.4	19.1	15.4	89.5	15.764	13.7	0.3	0.0	0.3	
9	13.4	21.5	16.7	80.6	15.264	13.3	0.3	0.0	0.3	
10	12.2	23.3	17.2	76.8	14.542	12.9	0.0	0.0	0.0	
11	12.2	22.0	16.6	76.7	14.515	12.5	0.0	0.0	0.0	
12	12.2	21.4	16.5	81.6	15.318	13.3	5.2	0.3	5.5	
13	13.2	20.5	16.2	85.4	16.168	14.2	0.0	0.0	0.0	
14	13.2	22.8	16.6	88.1	15.326	13.3	2.1	1.0	3.1	
15	13.0	21.7	16.3	83.2	15.564	13.6	0.0	0.0	0.0	
16	13.2	21.8	15.9	80.2	14.561	12.6	0.6	2.6	3.2	
17	13.0	18.5	15.3	96.1	16.560	14.5	0.0	0.0	0.0	
18	13.0	20.4	16.7	82.5	15.256	13.3	0.0	0.0	0.0	
19	13.2	22.9	17.4	80.9	15.661	13.8	0.9	0.0	0.9	
20	12.6	23.9	16.8	81.8	15.676	13.6	0.8	18.1	18.9	
21	13.4	20.6	16.7	86.0	16.565	14.6	0.0	0.0	0.0	
22	12.6	22.7	17.7	77.1	15.416	13.4	0.0	0.0	0.0	
23	12.2	22.0	16.7	79.5	14.531	12.9	0.0	0.0	0.0	
24	12.6	21.6	16.9	83.7	16.340	14.3	1.5	1.3	2.8	
25	12.2	19.0	15.5	87.6	15.506	13.5	15.5	0.0	15.5	
26	11.0	20.8	15.3	90.1	15.479	13.4	0.0	18.0	18.0	
27	11.4	23.3	16.2	82.7	15.134	13.2	0.4	53.7	54.1	
28	11.0	22.6	15.8	80.6	14.232	12.1	0.0	0.0	0.0	
29	13.2	22.2	16.1	88.0	15.530	14.0	0.0	0.0	0.0	
30	13.0	18.8	15.2	89.5	16.035	14.0	0.0	1.5	1.5	
31	13.0	19.3	15.7	86.4	15.457	13.5	4.9	0.0	4.9	
PROM.	12.6	21.5	16.4	83.5	15.466	13.5	119.3	101.2	220.5	

ESTACION: AGRONOMA

MUNICIPIO: MANIZALES

AÑO: 1980

ALTITUD: 2.150

LATITUD: 5-04 N.

LONGITUD: 75-31 W.

42

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	13.1	22.7	17.0	11.2	25.2	82.1	15.845	13.8	142.1	14	
FEBRERO	12.7	22.3	17.0	11.0	25.5	81.9	15.644	13.6	263.3	16	
MARZO	13.6	23.3	16.1	11.2	26.6	79.2	16.135	14.1	54.4	14	
ABRIL	13.5	22.6	17.5	12.0	25.8	79.9	15.751	13.7	97.5	21	
MAYO	13.6	21.3	17.0	12.2	24.2	85.1	16.505	14.5	167.6	21	
JUNIO	13.6	21.7	17.3	12.2	25.1	80.5	15.820	13.8	119.3	15	
JULIO	13.3	22.5	17.4	12.0	25.0	78.9	15.424	13.4	35.0	12	
AGOSTO	12.9	22.1	17.0	11.2	25.2	76.5	14.682	12.6	74.5	18	
SEPTIEMBRE	13.0	21.8	16.9	11.2	24.0	80.0	15.340	13.3	98.0	18	
OCTUBRE	12.9	21.0	16.4	11.0	23.4	83.6	15.553	13.6	188.0	18	
NOVIEMBRE	13.0	20.9	16.2	11.0	23.6	84.4	15.567	13.6	160.5	16	
DICIEMBRE	12.6	21.5	16.4	11.0	23.5	83.5	15.488	13.5	220.5	16	
PROMEDIO	13.2	22.0	17.0	11.4	24.6	81.3	15.650	13.6			
TOTAL									1620.5	203	

ESTACION: SANTIAGUEDA - FACULTAD

MUNICIPIO: FALESTINA

AÑO: 1.980

ALTITUD: 1.010

LATITUD: E-04 N.

LONGITUD: 75-41 W.

43

M E S - ENERC

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.5	23.3	23.5	81.1	23.363	20.0	6.2	18.3	24.5	3.7
2	19.4	23.6	23.6	81.6	23.258	19.9	0.0	0.0	0.0	5.0
3	17.5	21.5	21.6	79.6	22.735	19.5	0.0	1.4	1.4	7.0
4	19.4	24.1	24.1	82.6	24.699	20.5	0.0	0.0	0.0	5.5
5	19.4	24.0	24.5	82.7	24.651	21.0	0.0	0.0	0.0	4.8
6	18.0	23.5	23.5	80.7	22.616	19.6	0.0	0.0	0.0	4.5
7	16.4	23.3	23.3	79.6	22.522	19.2	0.0	0.0	0.0	6.2
8	16.6	23.0	23.6	80.9	22.435	20.0	0.0	0.0	0.0	6.2
9	16.0	22.5	22.5	78.9	22.250	18.4	0.0	5.9	5.9	5.3
10	16.2	23.1	23.1	83.4	22.625	19.7	0.0	21.0	21.0	6.6
11	18.0	23.0	23.0	83.0	22.078	19.8	0.0	0.0	0.0	2.4
12	17.6	22.5	22.5	80.7	21.421	18.5	0.0	2.5	2.5	9.6
13	18.2	22.0	22.0	82.0	21.335	18.5	0.0	2.1	2.1	4.9
14	18.4	23.0	23.0	78.7	21.665	18.9	0.0	1.5	1.5	5.9
15	18.6	21.3	21.3	66.7	21.557	19.0	0.0	0.0	0.0	0.8
16	17.5	21.9	21.9	87.9	22.545	19.7	0.0	6.0	6.0	2.5
17	17.5	21.2	21.2	84.5	21.156	18.4	0.0	0.0	0.0	1.4
18	18.3	22.6	22.6	80.7	22.177	19.1	0.0	7.3	7.3	4.8
19	18.6	21.6	21.6	87.5	22.512	19.4	6.2	0.0	6.2	2.4
20	16.2	22.3	22.3	85.1	22.665	19.4	0.0	0.0	0.0	7.0
21	16.4	21.1	21.1	87.4	21.767	18.8	0.0	0.0	0.0	1.5
22	15.5	23.3	23.3	74.5	19.551	17.4	0.0	0.0	0.0	5.4
23	17.5	23.8	23.8	82.6	23.666	20.3	0.0	35.3	35.3	4.9
24	18.5	23.8	23.8	77.1	21.585	18.9	0.0	0.0	0.0	6.5
25	16.6	23.8	23.8	80.6	23.407	19.9	0.0	0.0	0.0	8.8
26	17.4	23.0	23.0	82.2	22.661	19.4	0.0	0.0	0.0	8.8
27	17.2	23.6	23.6	80.7	22.406	19.2	0.0	0.0	0.0	6.6
28	20.4	23.6	23.6	84.6	22.536	19.6	0.0	0.0	0.0	0.6
29	18.0	24.0	24.0	82.6	24.141	20.5	0.0	18.0	18.0	2.8
30	18.5	21.3	21.3	91.4	23.578	20.1	0.0	0.0	0.0	0.0
31	17.4	24.1	24.1	79.6	22.527	19.6	0.0	3.1	3.1	3.1
PROM.	17.6	20.5	22.9	82.2	22.665	19.4	22.7	122.9	145.6	161.3

M E S - FEBRER

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	26.0	21.3	60.0	23.451	20.0	26.5	0.0	26.5	4.2
2	18.2	26.0	21.8	92.6	23.104	19.7	0.0	17.6	17.6	
3	18.5	26.0	20.5	88.6	21.628	18.9	23.8	11.0	34.8	
4	17.5	26.0	21.1	88.3	22.369	19.3	0.0	0.5	0.5	
5	17.5	23.0	22.6	79.4	21.662	18.8	0.0	7.5	7.5	
6	19.0	22.6	22.6	82.2	22.500	19.4	0.0	0.0	0.0	
7	18.0	23.5	23.5	82.4	22.604	20.2	1.5	0.0	1.5	
8	19.6	24.9	24.9	81.9	24.531	20.7	0.0	5.9	5.9	
9	19.5	24.2	24.2	75.4	22.121	19.1	0.0	0.0	0.0	
10	19.0	23.7	23.7	82.2	23.550	20.4	0.0	0.0	0.0	6.3
11	16.5	23.1	23.1	80.5	22.171	19.1	0.0	0.0	0.0	8.3
12	16.5	22.9	22.9	78.4	21.216	18.4	0.0	0.0	0.0	9.9
13	17.0	23.8	23.8	81.8	23.367	19.9	0.0	0.0	0.0	8.4
14	17.4	23.8	23.8	75.4	21.403	18.5	0.0	0.0	0.0	6.9
15	17.5	24.0	24.0	77.7	23.154	19.6	0.0	0.0	0.0	7.7
16	19.3	23.5	23.5	77.0	21.551	19.0	0.0	22.7	22.7	3.2
17	18.4	21.7	21.7	85.4	22.003	19.0	0.3	0.0	0.3	3.2
18	18.4	23.4	23.4	79.3	22.476	19.4	0.0	0.6	0.6	5.4
19	19.0	23.2	23.2	82.1	22.960	19.7	0.0	0.4	0.4	5.2
20	18.5	23.7	23.7	77.4	22.483	19.4	0.0	0.1	0.1	5.7
21	18.0	21.6	21.6	81.8	21.666	18.8	8.9	0.4	9.3	6.6
22	19.4	23.4	23.4	80.2	22.654	19.6	0.1	0.0	0.1	7.9
23	16.5	23.3	23.3	72.8	19.753	17.3	0.0	0.0	0.0	8.7
24	16.6	23.3	23.3	76.2	20.810	18.1	0.0	6.3	6.3	9.2
25	18.5	23.3	23.3	82.6	23.467	20.1	0.0	0.0	0.0	1.4
26	17.6	23.5	23.5	78.2	22.126	18.4	0.0	0.0	0.0	5.0
27	18.0	23.1	23.1	75.6	21.241	18.4	0.0	3.3	3.3	8.8
28	17.5	24.8	24.8	72.7	21.209	18.0	0.0	0.0	0.0	9.5
29	18.0	21.6	21.6	80.5	22.633	19.6	0.0	0.0	0.0	4.5
PROM	18.1	23.8	23.2	80.3	22.369	19.3	62.0	76.3	138.3	

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	17.4	32.5	23.4	76.2	21.383	18.6	0.0	0.0	0.0	5.1
2	18.4	32.5	24.8	76.5	23.173	19.8	0.0	0.0	0.0	6.5
3	19.0	31.7	24.0	74.3	21.551	16.7	0.0	0.0	0.0	7.6
4	17.7	31.9	23.0	80.1	22.127	15.1	0.0	9.0	9.0	8.4
5	18.0	28.8	22.5	83.7	22.605	15.5	4.7	0.0	4.7	5.8
6	17.5	32.6	23.4	79.5	22.447	19.3	0.0	0.0	0.0	7.2
7	17.0	32.8	24.8	73.6	21.509	16.9	0.0	0.0	0.0	8.6
8	18.9	33.0	24.8	73.5	22.410	19.3	0.0	0.0	0.0	6.9
9	19.5	33.0	25.9	71.9	22.576	15.7	0.0	9.9	9.9	4.5
10	20.0	31.2	25.0	80.3	25.065	21.1	0.0	0.0	0.0	4.4
11	18.5	31.9	24.7	80.8	24.627	20.4	0.0	0.0	0.0	4.4
12	18.0	32.8	25.4	77.1	24.272	20.6	0.0	4.3	4.3	6.2
13	19.0	32.3	24.3	79.7	23.519	20.0	0.0	0.0	0.0	3.6
14	20.0	28.2	24.1	82.4	24.270	20.6	0.0	0.0	0.0	3.0
15	18.5	30.3	23.7	80.1	23.225	19.5	0.0	0.0	0.0	1.5
16	17.0	32.8	24.0	82.6	24.240	20.5	0.5	0.2	0.7	3.7
17	17.0	30.8	23.6	79.3	22.315	19.2	0.0	10.1	10.1	1.0
18	15.6	27.3	21.5	85.9	21.743	18.8	0.3	6.3	6.6	1.5
19	17.5	29.0	22.8	83.5	22.735	19.5	1.6	0.0	1.6	4.3
20	18.0	32.3	23.4	76.1	21.314	18.5	0.0	0.0	0.0	7.7
21	14.8	33.0	24.1	69.5	19.430	17.0	0.0	0.0	0.0	8.1
22	18.0	31.3	24.2	76.3	22.410	19.3	0.0	1.6	1.6	2.5
23	17.5	31.4	22.8	79.1	21.215	18.4	0.0	0.0	0.0	5.6
24	15.3	34.4	24.7	72.8	21.332	18.4	0.0	0.0	0.0	7.8
25	19.6	29.8	23.8	82.5	24.173	20.5	0.0	0.0	0.0	2.0
26	17.0	33.8	25.2	76.5	23.651	20.1	0.0	0.0	0.0	5.6
27	18.0	35.5	25.3	69.0	21.206	16.4	0.0	0.0	0.0	9.4
28	18.5	35.5	27.0	70.0	23.662	20.2	0.0	0.0	0.0	6.8
29	18.0	36.1	26.5	68.1	22.265	19.2	0.1	21.3	21.4	8.0
30	19.0	28.5	22.7	84.4	23.468	20.1	15.8	0.0	15.8	2.0
31	18.5	33.0	25.3	74.1	22.656	19.7	0.0	0.0	0.0	5.7
PROM.	18.0	31.5	24.2	77.5	22.657	19.5	23.0	62.7	85.7	173.5

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	18.5	32.3	25.4	74.0	23.642	20.3	0.0	2.3	2.3	6.8
2	18.0	31.3	23.3	78.4	22.602	19.0	2.8	4.9	7.7	6.0
3	19.5	30.5	23.3	76.4	21.555	16.7	0.0	0.0	0.0	5.3
4	17.5	32.4	24.0	71.2	20.555	17.9	0.0	0.0	0.0	2.1
5	18.5	32.4	22.3	77.4	20.567	18.0	0.0	10.9	10.9	4.9
6	17.5	29.5	22.1	84.2	22.259	19.2	5.4	2.6	8.0	3.8
7	17.5	27.5	22.2	89.2	23.656	20.2	2.1	27.5	29.6	3.9
8	18.5	27.4	22.5	87.4	23.755	20.2	3.6	0.0	3.6	3.8
9	17.5	31.8	23.3	76.1	21.166	16.4	0.0	0.0	0.0	5.0
10	18.0	30.8	23.5	82.3	23.408	20.0	0.0	0.0	0.0	3.3
11	17.0	32.7	23.4	75.4	21.437	18.6	0.0	0.0	0.0	9.1
12	15.3	33.5	22.9	73.2	19.546	17.1	0.0	0.0	0.0	10.1
13	15.5	33.5	24.3	72.4	20.879	18.2	0.0	5.2	5.2	6.9
14	18.0	28.5	22.1	68.2	23.361	20.0	22.9	1.4	24.3	1.9
15	18.5	31.5	24.3	79.1	23.538	20.1	0.0	0.0	0.0	6.9
16	16.5	32.5	25.0	76.5	23.255	15.9	0.0	0.0	0.0	7.8
17	17.0	30.5	23.0	79.2	22.354	15.3	0.0	0.0	0.0	4.3
18	19.0	33.5	25.9	75.1	24.314	20.6	0.0	0.0	0.0	4.3
19	19.0	33.5	25.6	74.4	23.452	20.1	0.0	0.0	0.0	6.4
20	19.0	32.5	25.8	74.6	23.617	20.3	0.0	1.2	1.2	5.0
21	19.5	31.5	24.2	79.9	24.057	20.5	0.0	2.9	2.9	4.5
22	19.6	30.0	24.8	76.4	23.253	19.9	0.0	7.8	7.8	2.8
23	19.0	29.5	23.6	77.9	22.073	19.1	0.6	38.5	39.1	4.8
24	18.8	25.5	22.0	50.2	23.773	20.2	2.0	7.5	9.5	4.0
25	19.0	27.5	22.8	51.2	25.042	21.1	0.3	1.8	2.1	0.9
26	18.5	26.4	22.1	89.0	23.556	20.1	0.7	0.0	0.7	8.5
27	16.0	31.5	23.0	82.6	22.644	19.4	0.0	0.0	0.0	5.1
28	17.0	28.8	23.4	76.8	21.462	18.6	0.0	1.7	1.7	4.1
29	18.5	30.4	23.3	82.5	23.110	19.8	0.2	0.0	0.2	5.1
30	19.4	32.4	25.0	78.1	23.567	20.4	0.0	3.9	3.9	7.1
PROM	18.0	30.7	23.6	79.7	22.728	19.5	40.6	121.9	162.5	157.4

ESTACION: SANTAGUEDA - FACULTAD

MUNICIPIO: FALESTINA

AÑO: 1.980

ALTITUD: 1.010

LATITUD: 5-04 N.

LONGITUD: 75-41 W.

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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	19.5	31.5	22.2	86.8	23.226	20.1	44.2	14.0	58.2	5.2
2	18.0	28.5	23.0	80.8	22.270	16.2	0.0	0.5	0.5	4.2
3	19.0	29.4	22.8	81.0	22.399	16.3	0.0	0.0	0.0	3.1
4	15.5	31.8	23.3	76.8	21.455	18.6	0.0	0.0	0.0	7.7
5	16.5	30.0	23.1	82.8	23.263	19.9	0.0	5.8	5.8	2.5
6	18.2	29.6	22.6	85.7	23.506	20.1	0.0	0.0	0.0	3.6
7	19.4	29.6	23.7	83.6	24.130	20.5	0.1	2.1	2.2	5.1
8	17.5	28.0	22.7	83.5	22.540	15.7	0.2	2.2	2.4	2.0
9	17.0	29.0	23.3	81.5	23.061	19.8	0.0	34.0	34.0	4.2
10	18.0	27.0	21.3	84.7	21.401	18.6	0.6	0.3	0.9	3.7
11	17.0	30.5	24.3	76.3	22.354	19.2	0.0	0.0	0.0	10.1
12	19.5	32.0	25.6	74.9	23.757	20.2	0.0	29.9	29.9	8.4
13	18.0	27.0	21.6	88.6	23.156	19.8	3.7	5.0	8.7	0.0
14	19.0	27.0	21.2	89.1	22.565	15.7	5.8	12.6	18.4	0.9
15	18.5	27.0	21.6	85.4	22.482	19.3	5.4	0.0	5.4	3.8
16	18.5	30.5	23.2	79.9	22.322	19.2	0.0	0.0	0.0	7.9
17	18.0	30.5	23.4	85.0	22.499	20.8	0.0	0.0	0.0	3.7
18	19.0	26.0	21.8	80.2	23.720	20.2	0.7	1.6	2.3	0.4
19	18.6	31.0	21.9	80.1	22.302	19.2	0.0	0.0	0.0	8.1
20	18.5	31.5	21.6	84.6	23.260	20.0	2.5	0.0	2.5	7.1
21	19.0	31.5	23.9	85.3	25.056	21.1	0.0	8.1	8.1	0.0
22	19.0	30.0	23.8	82.6	24.126	20.5	0.3	11.6	11.9	4.5
23	19.5	30.0	23.2	84.5	23.567	20.4	0.0	0.0	0.0	2.8
24	20.0	30.0	23.0	85.6	23.515	20.4	0.0	0.0	0.0	2.9
25	19.0	29.5	22.6	84.6	23.326	20.0	1.6	0.0	1.6	4.2
26	19.5	27.5	22.8	87.0	24.165	20.9	0.0	0.0	0.0	1.2
27	18.0	29.5	23.8	86.0	23.233	21.2	0.0	9.8	9.8	6.2
28	18.0	30.5	24.5	82.4	25.008	21.1	0.0	0.0	0.0	6.6
29	19.0	30.0	24.5	80.6	24.256	20.6	0.0	9.8	9.8	5.3
30	19.8	30.0	23.6	84.6	24.454	20.7	0.0	2.8	2.8	4.7
31	20.0	29.5	23.6	84.2	24.238	20.6	0.0	9.9	9.9	4.8
PROM.	18.5	29.5	23.1	83.8	23.443	20.0	65.1	159.8	224.9	134.0

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	17.5	27.5	20.6	87.6	21.728	18.8	11.1	0.0	11.1	0.6
2	17.5	26.5	20.8	84.6	20.465	17.8	3.1	0.0	3.1	2.9
3	17.0	29.0	22.8	77.7	21.139	18.4	0.0	0.0	0.0	4.9
4	18.5	31.0	23.7	74.2	21.279	18.5	0.0	14.7	14.7	9.1
5	19.0	30.0	22.0	82.2	21.804	18.9	4.4	1.3	5.7	6.7
6	19.0	30.0	23.2	80.1	22.702	19.5	0.0	0.0	0.0	6.3
7	17.5	31.0	22.9	75.9	22.853	18.2	0.0	0.0	0.0	6.0
8	18.0	31.5	23.8	77.1	22.171	15.1	0.0	0.0	0.0	6.9
9	19.0	30.0	24.2	78.4	23.103	19.8	0.6	34.2	34.8	5.6
10	19.0	27.5	22.6	85.0	22.684	19.6	2.4	3.8	6.2	2.8
11	19.5	29.5	23.6	82.2	23.534	20.1	0.6	11.8	12.4	6.0
12	18.0	27.5	22.2	85.4	22.763	15.5	1.0	12.4	13.4	2.4
13	18.0	26.5	21.4	86.2	22.536	15.4	2.0	0.0	2.0	3.4
14	16.0	31.6	23.0	80.8	22.304	15.2	0.0	0.0	0.0	9.3
15	15.0	31.5	23.6	79.1	22.348	15.2	0.0	0.0	0.0	8.0
16	15.0	31.8	24.3	76.6	22.663	15.5	0.0	0.0	0.0	6.9
17	14.0	30.5	24.2	81.0	23.775	20.2	0.0	0.2	0.2	7.9
18	18.0	29.5	24.2	77.2	22.632	19.6	0.0	36.6	36.6	5.3
19	19.0	27.0	22.0	87.5	23.521	20.1	0.8	1.4	2.2	2.4
20	19.0	25.3	20.5	92.7	22.654	15.5	9.4	0.0	9.4	0.0
21	18.0	28.6	22.1	86.7	23.257	15.9	0.7	0.7	1.4	6.6
22	18.0	28.8	22.3	81.5	21.965	15.0	0.0	1.0	1.0	4.4
23	18.0	29.5	23.2	83.5	23.354	20.0	0.0	0.0	0.0	7.7
24	17.0	30.8	21.2	81.2	23.488	20.0	0.0	0.0	0.0	7.8
25	17.0	30.8	24.2	79.5	23.617	20.1	0.0	0.0	0.0	6.4
26	18.0	28.5	23.0	84.5	23.406	20.0	0.0	0.0	0.0	2.7
27	18.0	32.5	24.1	77.1	22.741	15.5	0.1	0.0	0.1	7.5
28	14.5	30.9	22.7	78.3	20.636	16.1	0.0	0.0	0.0	8.3
29	17.4	31.3	23.7	77.4	22.057	15.0	0.0	0.6	0.6	8.9
30	18.0	28.5	23.0	83.7	23.008	19.7	0.0	0.2	0.2	4.7
PROM.	17.7	29.5	22.9	81.5	22.456	19.3	36.2	118.9	155.1	170.4

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	17.0	30.5	23.5	80.1	22.279	15.2	0.0	2.8	2.8	8.2
2	17.5	30.8	23.2	78.3	21.655	16.7	0.0	0.0	0.0	8.6
3	17.5	30.5	23.0	82.3	22.655	16.6	0.0	0.0	0.0	6.3
4	15.0	33.2	23.6	79.4	22.494	19.2	0.0	0.0	0.0	9.6
5	15.4	33.0	23.5	74.3	21.205	18.4	0.0	0.0	0.0	10.5
6	14.5	31.4	23.5	75.0	19.532	17.1	0.0	0.0	0.0	3.6
7	14.6	31.5	23.2	77.3	21.167	16.3	0.0	0.3	0.3	8.6
8	18.0	31.5	24.2	80.3	23.770	20.2	0.0	0.2	0.2	10.1
9	14.5	27.5	21.5	87.6	22.040	19.0	0.0	0.0	0.0	4.1
10	17.0	27.5	21.5	85.6	22.157	19.1	0.8	1.0	1.8	3.4
11	17.5	29.5	23.6	78.2	22.004	19.0	0.0	0.0	0.0	6.8
12	16.5	30.3	23.5	76.6	21.403	16.6	0.0	0.0	0.0	6.6
13	18.0	30.2	23.7	77.7	22.372	19.3	0.0	0.0	0.0	6.9
14	17.5	31.4	23.7	78.1	22.525	19.4	0.0	1.0	1.0	6.8
15	17.0	31.0	23.2	86.5	22.155	19.1	0.6	0.0	0.6	4.6
16	14.0	32.2	23.2	74.7	20.234	17.6	0.0	0.0	0.0	8.6
17	16.5	31.5	23.8	76.3	21.640	18.9	0.0	0.0	0.0	8.7
18	17.0	32.4	23.5	70.6	20.762	18.1	0.0	0.0	0.0	7.5
19	16.0	32.7	23.4	75.6	21.165	18.4	0.0	0.0	0.0	6.2
20	17.5	30.9	23.5	75.8	22.464	19.4	0.0	0.0	0.0	6.1
21	18.5	31.5	23.9	79.3	23.503	20.1	0.0	0.2	0.2	7.1
22	18.0	32.3	23.8	76.6	22.241	19.2	0.0	24.0	24.0	8.1
23	18.0	30.3	23.5	81.6	23.343	20.0	0.0	40.3	40.3	7.3
24	16.3	30.0	21.2	85.6	21.467	18.6	2.0	0.0	2.0	5.6
25	17.0	29.4	22.3	82.6	22.175	19.1	0.1	0.5	0.6	4.8
26	17.5	30.5	23.5	81.7	22.548	19.7	0.0	0.0	0.0	6.8
27	18.4	30.5	23.2	81.7	22.565	19.7	0.0	0.5	0.5	5.1
28	18.5	30.9	22.1	77.9	20.565	17.9	0.5	0.0	0.5	5.7
29	17.0	31.5	23.2	79.4	22.055	19.0	0.0	0.0	0.0	9.6
30	18.5	33.2	24.2	77.3	22.405	19.4	0.0	0.5	0.5	6.8
31	19.0	28.8	23.4	80.6	22.643	19.6	0.0	25.9	25.9	3.6
PROM.	16.9	30.7	23.2	79.3	22.027	19.0	4.0	97.2	101.2	214.4

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	17.0	30.5	23.0	78.0	21.335	18.5	0.0	0.0	0.0	8.5
2	17.0	32.2	22.7	77.7	20.572	18.3	0.0	0.0	0.0	8.4
3	17.0	30.6	22.1	82.2	21.665	18.9	0.0	0.0	0.0	9.5
4	15.0	29.0	22.3	77.6	20.556	17.9	0.0	0.0	0.0	7.0
5	18.0	31.3	23.8	77.9	22.216	19.1	0.0	0.0	0.0	7.4
6	17.0	31.1	23.9	81.2	23.465	20.0	0.0	0.0	0.0	5.3
7	19.5	28.5	22.9	84.7	23.563	20.2	0.0	3.5	3.5	1.8
8	17.6	26.3	19.5	96.0	21.665	16.0	5.6	0.0	5.6	2.3
9	16.2	29.5	23.1	80.0	21.694	18.9	0.0	40.0	40.0	5.7
10	18.5	29.9	21.7	87.5	22.723	19.5	0.7	0.0	0.7	6.5
11	15.0	31.4	23.7	75.9	21.350	18.5	0.0	0.0	0.0	9.0
12	16.0	31.0	22.9	81.6	22.758	19.4	0.0	0.0	0.0	6.7
13	15.3	32.5	22.0	76.2	19.716	17.3	0.0	0.0	0.0	5.5
14	17.0	31.9	23.5	74.4	21.265	18.5	0.0	0.0	0.0	4.6
15	18.0	32.1	24.6	74.2	21.495	18.8	0.0	0.0	0.0	6.2
16	17.4	29.9	22.2	80.5	21.671	18.8	5.7	0.0	5.7	4.8
17	17.0	32.2	23.2	78.6	22.068	19.1	0.0	0.0	0.0	6.8
18	17.5	31.0	23.1	74.5	20.727	18.1	0.6	0.0	0.6	6.1
19	17.0	30.6	23.3	76.7	21.226	18.4	0.0	34.9	34.9	5.5
20	18.0	30.9	22.0	78.6	20.456	17.6	0.0	1.2	1.2	6.9
21	15.0	30.3	22.3	78.3	20.667	18.0	0.0	0.0	0.0	8.9
22	16.5	31.6	23.2	73.6	20.015	17.5	0.0	3.1	3.1	8.1
23	18.5	31.3	23.6	73.1	20.567	17.9	0.0	0.0	0.0	7.2
24	13.5	33.8	22.6	69.7	17.550	15.6	0.0	0.0	0.0	9.6
25	14.4	34.5	24.0	73.1	20.567	17.8	0.0	0.0	0.0	7.8
26	15.3	32.5	23.3	80.5	22.220	19.2	0.0	2.5	2.5	6.5
27	17.5	32.0	23.2	81.5	23.120	19.8	0.0	0.0	0.0	8.6
28	14.0	30.5	22.6	78.6	21.167	18.2	1.9	0.0	1.9	4.2
29	17.5	26.6	21.7	85.0	22.216	19.2	0.0	0.0	0.0	1.1
30	17.8	32.5	24.1	77.7	22.454	19.3	0.0	0.0	0.0	7.8
31	18.4	32.5	21.8	77.0	20.368	17.8	8.7	23.8	32.5	7.3
PROM.	16.8	31.0	22.8	78.8	21.468	18.6	40.6	109.9	150.5	197.7

ESTACION: SANTAGJEDA - FACULTAD

MUNICIPIO: PALESTINA ARO:

1.980

ALTITUD: 1.010

LATITUD: 5-04 N.

LONGITUD: 75-41 W.

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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	29.5	22.0	77.2	20.183	17.6	0.0	5.6	5.6	7.0
2	16.5	30.8	21.5	60.7	20.515	17.9	1.4	0.0	1.4	6.1
3	17.0	30.5	23.2	78.7	21.754	18.8	0.0	0.0	0.0	8.5
4	17.5	30.2	23.4	82.1	22.526	19.4	0.4	11.9	12.3	6.1
5	17.5	30.3	23.8	75.7	21.595	18.4	0.0	0.0	0.0	7.6
6	16.5	32.0	24.7	78.4	23.223	19.9	0.0	0.0	0.0	7.6
7	16.5	32.0	23.9	79.7	23.077	19.7	0.0	0.0	0.0	6.6
8	16.5	32.0	25.0	75.1	23.137	19.8	0.0	32.6	32.6	9.8
9	17.0	32.5	24.8	81.3	18.928	16.6	0.0	0.0	0.0	4.2
10	16.0	32.1	23.5	75.6	21.288	18.5	0.0	0.0	0.0	6.9
11	15.7	32.5	24.3	71.7	20.744	18.0	0.0	0.0	0.0	6.2
12	17.5	31.8	24.1	76.5	22.503	19.3	0.0	0.0	0.0	1.5
13	17.0	31.5	23.4	80.8	22.662	19.4	0.0	0.4	0.4	5.4
14	17.5	29.0	24.0	79.3	22.668	19.5	0.0	0.8	0.8	0.3
15	17.6	25.2	20.7	83.3	20.540	17.9	5.7	0.0	5.7	0.1
16	15.5	28.2	21.9	85.2	22.028	19.0	0.0	20.4	20.4	3.9
17	18.5	30.6	22.6	80.2	21.709	18.8	0.0	0.0	0.0	6.8
18	16.2	31.3	21.6	80.5	20.634	18.1	48.0	1.5	49.5	6.5
19	17.0	27.4	21.0	85.6	21.231	18.4	0.4	29.0	29.4	2.4
20	16.0	29.0	22.3	80.9	21.263	18.4	0.0	3.0	3.0	0.9
21	18.0	25.5	20.8	87.6	21.741	18.8	0.9	0.0	0.9	0.7
22	17.0	29.9	22.4	82.5	22.143	19.1	0.0	0.0	0.0	3.8
23	17.0	31.8	23.8	77.9	22.526	19.3	0.3	0.0	0.3	6.4
24	16.0	32.5	23.6	75.3	21.127	18.3	0.0	3.5	3.5	9.2
25	16.5	32.2	24.1	74.6	21.558	18.7	0.0	55.1	55.1	8.4
26	18.4	30.0	23.2	84.6	23.655	20.1	0.0	0.0	0.0	6.2
27	19.0	29.3	24.3	79.0	23.525	20.1	0.0	25.9	25.9	8.5
28	18.4	29.4	21.4	82.4	20.725	18.1	0.0	0.0	0.0	3.1
29	19.5	31.5	23.2	78.3	21.674	18.7	0.0	23.7	23.7	10.0
30	18.0	30.3	22.6	82.0	22.217	19.2	0.0	11.3	11.3	7.2
PROM.	17.0	30.3	22.8	79.8	21.773	18.8	57.1	224.7	281.8	172.4

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	19.0	27.9	22.3	84.9	22.651	19.7	0.0	0.0	0.0	3.3
2	17.6	30.6	22.8	79.5	22.623	19.1	0.0	3.2	3.2	4.6
3	19.0	32.5	24.0	76.4	22.354	19.3	0.0	45.9	45.9	8.9
4	17.5	28.5	21.7	83.1	21.424	18.6	0.3	16.5	16.8	2.3
5	18.0	28.8	21.9	81.3	21.151	18.4	0.9	21.9	22.8	4.4
6	17.5	28.3	21.0	87.2	21.473	18.6	1.8	25.3	27.1	2.7
7	17.0	27.5	21.8	82.4	21.251	18.5	0.0	0.0	0.0	2.6
8	17.3	28.6	22.3	82.4	22.028	19.0	0.0	0.0	0.0	5.6
9	17.0	28.0	23.3	78.1	21.675	18.7	0.0	6.5	6.5	6.3
10	17.5	29.8	21.6	83.7	21.424	18.6	0.2	0.0	0.2	0.7
11	15.0	30.0	22.3	77.4	20.304	17.7	0.0	0.0	0.0	7.9
12	18.0	29.5	22.6	75.5	20.669	18.0	0.0	0.0	0.0	1.8
13	16.0	29.9	22.1	76.3	20.170	17.6	0.0	0.0	0.0	4.6
14	18.0	31.9	24.0	76.8	22.648	19.5	0.0	1.2	1.2	7.9
15	18.0	30.0	23.3	75.8	21.089	18.3	0.0	0.9	0.9	6.7
16	18.0	31.6	21.5	81.9	21.023	18.3	46.4	0.5	46.9	7.8
17	18.0	26.5	20.9	88.4	22.344	19.2	6.0	2.5	8.5	1.0
18	17.5	26.3	21.6	85.1	21.660	18.9	1.5	1.8	3.3	1.4
19	18.0	28.3	22.6	81.4	21.506	18.9	0.0	0.6	0.6	4.2
20	18.0	24.5	20.8	80.3	19.581	17.4	0.9	0.0	0.9	1.5
21	14.5	30.8	22.8	77.2	21.154	18.4	0.0	0.0	0.0	8.8
22	16.5	31.8	24.1	72.5	20.552	18.3	0.0	0.0	0.0	6.3
23	18.0	31.5	23.6	74.9	21.704	18.8	0.0	0.0	0.0	6.0
24	18.6	32.3	24.1	71.6	21.040	18.3	0.0	0.5	0.5	5.5
25	15.5	30.5	22.5	76.8	20.116	17.5	0.2	0.1	0.3	5.9
26	19.0	29.6	22.7	81.9	22.728	19.5	1.1	0.0	1.1	4.9
27	18.4	28.0	23.2	79.7	22.323	19.2	0.0	0.0	0.0	4.0
28	16.5	28.0	23.6	74.5	21.243	18.4	0.0	32.0	32.0	8.2
29	19.0	29.0	21.0	89.6	22.447	19.4	2.4	0.0	2.4	0.0
30	17.0	29.5	22.4	79.6	21.256	18.4	0.0	0.4	0.4	6.0
31	18.5	31.8	23.0	78.4	21.661	18.9	0.0	0.0	0.0	6.2
PROM.	17.5	29.4	22.5	79.6	21.509	18.6	61.7	159.8	221.5	148.0

N 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	17.0	32.8	24.0	72.2	20.615	17.9	0.0	1.0	1.0	8.1
2	17.5	22.0	22.2	82.4	21.630	18.9	0.0	3.1	3.1	5.2
3	17.5	29.0	22.3	69.0	21.638	18.9	0.0	0.0	0.0	7.0
4	17.5	29.3	21.7	79.6	22.228	19.2	0.0	0.6	0.6	2.5
5	18.0	26.4	21.2	83.2	21.620	18.3	0.6	0.0	0.6	0.2
6	18.5	27.5	21.7	81.6	21.204	18.4	0.0	0.0	0.0	4.2
7	17.0	30.5	23.2	77.2	21.478	18.6	0.0	11.8	11.8	6.8
8	17.5	28.4	21.4	84.0	21.492	18.6	3.3	0.0	3.3	4.4
9	14.0	30.5	21.3	78.0	19.127	16.8	0.0	0.0	0.0	5.0
10	16.5	30.0	23.3	74.0	20.418	17.8	0.0	0.0	0.0	5.7
11	17.5	30.0	23.2	77.0	21.669	18.8	2.5	24.7	27.2	4.2
12	18.0	25.5	21.4	87.7	22.540	18.4	2.6	0.0	2.6	0.0
13	17.5	27.5	22.4	81.7	21.679	18.9	8.5	12.8	21.3	3.5
14	16.0	27.0	21.3	82.5	20.672	18.2	0.0	28.5	28.5	2.4
15	18.0	29.3	22.5	82.9	22.666	19.5	0.0	20.6	20.6	5.0
16	18.0	27.4	20.4	66.1	20.512	17.9	0.0	0.0	0.0	5.2
17	18.0	29.5	22.7	81.1	22.666	19.1	0.0	3.9	3.9	8.7
18	16.5	29.6	22.6	77.7	20.674	18.2	0.0	0.0	0.0	6.7
19	16.5	30.5	22.8	74.9	20.237	17.7	0.0	0.0	0.0	5.8
20	17.5	29.5	23.1	71.8	19.481	17.0	0.0	0.0	0.0	7.9
21	19.5	29.5	23.3	73.8	20.255	17.5	0.0	1.9	1.9	4.4
22	18.0	28.8	23.3	76.9	20.272	17.7	0.0	2.1	2.1	6.2
23	18.0	28.2	23.2	81.1	21.412	18.5	0.0	8.1	8.1	2.7
24	19.0	27.0	23.2	85.5	22.604	19.4	0.1	0.0	0.1	2.9
25	18.0	30.4	23.3	72.4	19.740	17.0	0.0	33.3	33.3	7.0
26	17.5	27.5	22.0	81.5	21.040	18.2	0.0	0.0	0.0	1.0
27	18.0	33.8	23.1	74.5	20.663	18.1	1.2	0.1	1.3	7.3
28	18.4	29.6	23.6	72.1	19.660	16.9	0.0	0.0	0.0	3.6
29	19.0	29.0	22.2	78.5	20.375	17.5	0.2	0.0	0.2	3.7
30	17.0	30.6	22.3	75.9	19.464	16.9	0.0	0.0	0.0	7.3
PROM.	17.5	29.1	22.4	79.0	21.000	18.2	19.0	152.5	171.5	148.6

N 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	28.0	21.1	82.3	20.551	17.9	11.3	0.4	11.7	3.8
2	17.0	30.8	23.0	67.0	17.463	15.3	0.0	21.5	21.5	8.2
3	17.0	30.2	21.7	77.4	19.586	17.0	1.4	1.5	2.9	7.2
4	17.0	29.4	21.5	79.4	19.540	17.3	1.3	5.1	6.4	5.0
5	19.0	29.4	21.6	74.5	19.558	16.8	0.0	1.4	1.4	7.3
6	18.4	30.8	23.3	76.4	21.046	18.1	0.0	0.0	0.0	6.9
7	17.0	30.8	22.9	76.4	20.323	17.5	0.0	0.0	0.0	7.7
8	18.0	26.0	21.6	84.5	21.666	18.7	0.0	0.0	0.0	0.0
9	18.5	29.9	22.8	72.8	19.334	16.2	0.0	0.0	0.0	6.3
10	18.0	30.6	22.6	73.2	18.560	16.4	0.0	0.0	0.0	5.8
11	19.0	28.8	22.9	70.5	19.149	16.7	0.0	2.9	2.9	3.6
12	18.5	29.5	22.9	75.8	20.335	17.6	0.3	9.7	10.0	6.4
13	18.0	28.8	22.6	73.2	19.021	16.4	0.0	0.0	0.0	4.7
14	17.5	29.4	23.4	70.0	19.373	16.8	0.0	26.0	26.0	7.1
15	18.5	29.4	22.5	77.3	20.247	17.5	0.0	0.8	0.8	6.3
16	18.0	31.0	22.2	79.2	20.656	18.0	0.0	13.6	13.6	5.4
17	18.0	26.5	21.1	83.7	20.767	18.1	0.0	0.0	0.0	2.8
18	17.5	29.8	22.8	73.2	19.262	16.6	0.0	0.1	0.1	7.6
19	19.5	30.6	22.9	77.2	21.088	18.3	0.0	8.7	8.7	6.4
20	18.5	30.5	23.0	74.9	20.266	17.6	0.0	9.6	9.6	7.9
21	19.0	29.9	23.0	74.8	20.308	17.7	0.0	0.0	0.0	7.4
22	17.5	30.0	23.2	72.9	19.827	17.0	0.0	0.0	0.0	7.9
23	17.5	29.6	23.5	70.6	19.554	17.0	0.0	48.9	48.9	4.8
24	17.5	29.0	22.9	75.4	20.075	17.3	0.0	5.0	5.0	4.2
25	18.5	26.5	21.5	78.7	19.705	17.1	1.4	0.0	1.4	3.8
26	17.5	29.5	21.4	76.2	19.642	17.2	0.0	0.0	0.0	4.6
27	17.5	29.5	21.7	73.4	19.666	16.4	0.0	12.3	12.3	8.7
28	16.0	28.5	21.9	68.6	17.159	14.9	0.0	1.3	1.3	6.6
29	17.0	33.5	22.6	76.1	19.751	17.2	0.0	20.1	20.1	6.5
30	17.0	28.8	22.2	77.5	21.079	16.3	2.5	12.9	15.4	3.3
31	18.0	28.5	22.0	79.4	20.353	17.8	2.2	0.0	2.2	5.5
PROM.	17.9	29.4	22.5	75.4	19.642	17.2	20.4	201.8	222.2	179.7

ESTACION: SANTIAGUECA - FACULTAD MUNICIPIO PALESTINA
 ALTITUD: 1.010 LATITUD: 5-04 N.

AÑO: 1-980
 LONGITUD: 75-41 W.

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MESES	TEMPERATURA °C					Húmedad 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	17.8	30.5	22.9	15.5	33.5	82.3	22.665	19.4	145.6	16	161.3	
FEBRERO	18.1	30.8	23.2	16.5	33.2	80.3	22.389	19.3	138.3	16		
MARZO	18.0	31.9	24.2	14.6	36.1	77.5	22.697	19.5	85.7	11	173.5	
ABRIL	18.0	30.7	23.6	15.3	33.5	75.7	22.728	19.5	162.5	19	157.4	
MAYO	18.5	29.5	23.1	15.5	32.0	83.5	23.443	20.0	224.9	20	134.0	
JUNIO	17.7	29.5	22.9	14.5	32.5	81.5	22.496	19.3	155.1	18	170.4	
JULIO	16.9	30.7	23.2	14.0	33.9	75.3	22.027	15.0	101.2	15	214.4	
AGOSTO	16.8	31.0	22.8	13.5	34.5	78.8	21.468	18.6	150.5	13	197.7	
SEPTIEMBRE	17.0	30.3	22.8	15.5	33.2	75.8	21.773	18.8	281.8	18	172.4	
OCTUBRE	17.5	29.4	22.5	14.5	32.6	74.6	21.509	18.6	221.5	20	148.0	
NOVIEMBRE	17.5	29.1	22.4	14.0	32.6	75.0	21.000	18.2	171.5	19	148.6	
DICIEMBRE	17.9	29.4	22.5	16.0	31.0	75.6	19.842	17.2	222.2	21	179.7	
PROMEDIO	17.6	30.2	23.0	15.0	33.3	76.8	22.003	19.0				
TOTAL										2060.8	206	

ESTACION: SANTAGUECA - LUKER
 ALTITUD: 1,020

MUNICIPIO: FALESTINA
 LATITUD: S-03 N.

AÑO: 1.980
 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	17.5	28.0	23.2	74.8	20.521	17.7	1.5	12.7	14.2	4.9
2	19.0	27.5	22.6	72.6	19.322	16.8	0.0	0.0	0.0	5.7
3	18.5	29.5	22.9	61.0	16.336	13.6	0.0	2.1	2.1	9.2
4	19.5	29.5	23.0	65.6	17.459	15.1	0.0	0.0	0.0	7.6
5	18.0	30.0	22.6	79.6	19.511	16.7	0.0	0.0	0.0	7.0
6	16.5	30.4	22.3	47.1	16.558	14.2	0.0	0.0	0.0	9.8
7	17.0	33.0	22.6	69.4	17.521	15.5	0.0	0.0	0.0	9.9
8	16.0	31.5	23.4	66.5	17.302	14.9	0.0	0.0	0.0	9.5
9	16.6	30.0	22.4	69.2	17.440	15.1	0.0	9.4	9.4	8.5
10	17.0	31.0	22.2	70.3	17.636	15.2	0.1	17.0	17.1	8.4
11	18.4	28.5	22.2	70.6	16.256	15.7	0.2	0.0	0.2	2.6
12	17.0	28.6	21.7	62.3	15.153	12.9	0.0	4.3	4.3	10.2
13	18.0	27.0	21.5	72.6	16.254	15.9	0.0	0.0	0.0	5.6
14	18.0	28.5	22.4	72.6	16.545	16.5	0.1	2.9	3.0	8.3
15	18.5	26.3	21.4	79.1	19.559	17.3	0.4	0.0	0.4	2.0
16	18.0	27.0	21.7	73.6	16.720	16.3	0.0	4.3	4.3	4.4
17	18.0	26.0	21.7	78.3	19.756	17.1	0.0	0.0	0.0	1.8
18	18.0	29.0	21.9	73.4	19.053	16.7	1.2	9.5	10.7	6.6
19	18.0	27.0	21.6	61.4	20.536	18.2	1.2	0.0	1.2	2.6
20	17.0	29.0	22.0	67.1	16.674	14.1	0.0	0.0	0.0	8.0
21	16.5	27.5	21.1	76.6	18.372	15.6	0.0	0.0	0.0	4.6
22	15.5	31.5	22.5	68.0	14.656	13.9	0.0	0.0	0.0	10.0
23	17.5	31.0	23.5	69.9	18.534	16.3	0.0	25.4	25.4	8.3
24	19.0	31.0	23.3	72.9	15.660	16.8	0.0	0.0	0.0	8.7
25	17.0	32.5	23.8	73.0	15.828	16.0	0.0	0.8	0.0	10.4
26	17.5	32.0	22.9	68.5	17.471	14.6	0.0	0.0	0.0	10.5
27	16.5	30.8	22.2	70.0	17.553	15.3	0.0	0.0	0.0	6.4
28	18.5	27.8	22.6	79.6	21.420	18.7	0.3	0.0	0.3	4.7
29	17.4	28.6	23.1	72.8	19.573	16.8	0.0	28.3	28.3	2.3
30	19.0	35.0	23.7	63.4	20.529	17.8	8.2	0.0	8.2	9.3
31	17.0	30.0	22.9	68.3	17.764	15.3	0.0	3.1	3.1	0.0
PROM.	17.6	29.1	22.4	71.8	18.505	15.9	13.2	118.0	131.2	209.6

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	18.6	27.0	21.5	78.4	15.652	16.9	25.6	0.0	25.6	4.1
2	17.6	30.0	23.0	47.0	17.636	15.3	0.0	11.9	11.9	7.2
3	19.0	26.5	23.0	84.5	20.548	18.2	12.6	11.8	24.4	0.0
4	17.0	26.3	20.8	79.6	19.167	16.7	0.0	0.1	0.1	2.3
5	18.0	28.5	22.4	65.4	16.531	13.9	0.0	3.8	3.8	8.9
6	19.0	28.0	21.7	71.2	18.209	15.8	0.6	0.0	0.6	3.8
7	18.0	31.0	23.1	66.1	17.337	14.5	0.0	0.0	0.0	10.0
8	18.6	31.0	23.7	67.4	18.561	16.5	0.0	3.3	3.3	7.3
9	19.3	30.5	23.0	68.5	18.458	15.9	0.3	0.0	0.3	5.6
10	18.3	31.5	22.7	64.2	16.537	14.0	0.0	0.0	0.0	10.2
11	16.0	31.5	22.3	67.7	16.461	13.6	0.0	0.0	0.0	10.7
12	16.7	31.5	22.7	66.6	16.613	13.8	0.0	0.0	0.0	9.6
13	17.4	32.0	23.0	65.7	17.017	14.6	0.0	0.0	0.0	9.4
14	18.0	31.5	23.6	64.6	17.428	14.9	0.0	0.0	0.0	7.2
15	18.0	31.0	23.5	61.6	16.805	14.3	0.0	0.0	0.0	8.6
16	18.5	30.0	23.2	64.8	18.155	15.9	0.0	24.4	24.4	8.4
17	18.6	28.5	21.8	75.0	19.044	16.5	0.0	0.0	0.0	4.0
18	18.0	30.5	22.8	72.0	19.033	16.2	0.0	2.3	2.3	5.5
19	19.0	29.6	23.2	73.4	20.036	17.3	0.0	3.7	3.7	6.1
20	18.0	33.0	23.3	65.6	17.654	15.4	0.0	0.7	0.7	7.0
21	18.0	30.0	21.9	74.6	16.784	16.2	6.4	5.3	11.7	7.1
22	18.0	29.5	22.2	70.0	17.635	15.3	0.2	0.0	0.2	6.6
23	16.5	28.4	22.3	46.5	16.455	13.7	0.0	0.0	0.0	8.8
24	16.5	32.0	22.7	65.0	16.247	13.8	0.0	2.8	2.8	9.8
25	19.5	28.0	23.1	74.3	20.429	17.7	0.0	0.0	0.0	1.5
26	16.8	29.0	23.7	64.2	17.765	15.4	0.0	2.6	2.6	5.2
27	16.5	30.6	23.0	61.6	16.367	13.8	0.0	0.0	0.0	6.7
28	18.0	32.5	23.9	55.6	15.172	12.5	0.0	0.0	0.0	10.2
29	18.0	27.6	22.7	64.4	17.317	15.1	0.0	0.0	0.0	4.8
PROM.	17.9	29.8	22.7	68.5	17.662	15.3	45.7	72.7	118.4	198.6

ESTACION: SANTIAGUEDA - LUKER

MUNICIPIO: PALESTINA

AÑO:

1-980

ALTITUD: 1.020

LATITUD: 5-03 N.

LONGITUD: 75-41 W.

51

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	18.0	31.0	23.6	62.9	16.764	14.1	0.0	0.0	0.0	10.0
2	18.5	31.5	23.5	64.4	17.702	15.2	0.0	0.0	0.0	8.8
3	19.0	31.0	23.5	65.9	17.546	15.3	0.0	0.0	0.0	6.1
4	18.5	30.0	22.5	69.2	18.005	15.6	0.0	6.3	6.3	5.4
5	18.6	26.8	21.9	74.5	19.138	16.7	4.9	0.0	4.9	4.4
6	18.0	31.0	22.9	64.5	16.569	13.4	0.0	0.0	0.0	8.8
7	18.0	31.0	22.9	66.9	18.310	15.2	0.0	0.0	0.0	10.8
8	19.0	31.5	24.2	66.6	18.669	15.9	0.0	0.0	0.0	8.5
9	19.0	31.5	24.3	62.4	17.762	15.4	0.0	15.6	15.6	6.2
10	19.0	31.0	24.1	67.4	18.674	16.1	0.0	0.0	0.0	6.9
11	19.0	30.5	23.8	69.0	19.242	16.4	0.0	0.0	0.0	6.7
12	19.0	30.6	24.7	67.1	15.736	17.1	0.0	12.2	12.2	8.9
13	19.5	30.5	23.9	71.3	15.982	17.1	0.0	0.0	0.0	4.7
14	19.0	26.3	22.6	72.3	15.491	17.0	0.0	0.0	0.0	6.5
15	18.0	29.0	22.9	73.6	20.051	17.4	0.0	0.0	0.0	3.6
16	17.5	30.0	23.1	70.6	18.565	16.4	0.0	0.0	0.0	6.7
17	18.0	30.0	23.8	68.3	18.662	16.1	0.0	2.9	2.9	4.5
18	17.0	27.5	22.1	75.7	19.408	16.9	0.6	14.5	15.1	4.4
19	19.0	28.3	22.2	71.5	18.381	15.9	1.1	0.0	1.1	5.0
20	19.3	31.5	23.6	67.3	18.332	15.2	0.0	0.0	0.0	5.6
21	15.0	33.0	23.7	57.5	14.447	11.6	0.0	0.0	0.0	11.0
22	18.5	30.0	22.9	65.1	17.466	15.0	0.0	0.4	0.4	3.8
23	17.0	30.0	22.5	69.9	18.032	15.5	0.0	0.0	0.0	7.4
24	16.6	33.5	24.2	60.4	16.327	14.0	0.0	0.0	0.0	10.3
25	19.0	28.0	22.8	76.6	20.503	18.1	0.1	0.0	0.1	2.9
26	17.5	22.0	24.2	60.3	16.402	14.3	0.0	0.0	0.0	7.4
27	18.1	24.0	25.7	65.6	20.448	17.8	0.0	0.0	0.0	11.1
28	19.0	24.0	26.5	58.2	18.275	15.5	0.0	0.0	0.0	7.9
29	18.0	24.0	26.1	55.4	16.938	14.6	0.0	10.8	10.8	9.4
30	19.0	28.5	22.5	76.3	20.756	18.1	13.3	0.0	13.3	2.2
31	18.5	33.0	24.9	65.5	19.266	16.8	0.0	0.0	0.0	5.6
PROM.	18.3	30.7	23.6	67.2	18.446	15.8	20.0	62.7	62.7	221.9

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	21.0	32.0	25.4	60.5	18.730	15.9	0.0	1.4	1.4	8.5
2	18.0	30.0	22.5	63.2	15.735	12.9	0.6	7.1	7.7	7.0
3	19.0	29.8	23.2	68.6	18.502	16.4	0.7	0.0	0.7	4.9
4	18.0	31.5	24.2	58.5	16.136	13.7	0.0	0.0	0.0	6.4
5	18.5	31.0	24.6	66.0	19.374	16.8	0.0	17.2	17.2	5.1
6	18.5	28.5	21.9	74.0	18.541	16.6	5.5	2.5	8.0	3.8
7	18.5	27.9	22.4	76.3	20.262	17.7	2.7	29.3	32.0	1.6
8	18.5	27.9	22.2	74.4	19.512	16.9	2.4	0.0	2.4	2.2
9	17.5	31.5	23.2	63.6	17.156	14.5	0.0	0.0	0.0	10.2
10	18.5	30.5	23.1	72.2	20.021	17.4	0.0	0.0	0.0	5.3
11	17.5	31.0	22.7	65.2	16.605	13.5	0.0	0.0	0.0	9.5
12	15.5	32.0	23.6	53.8	14.053	11.5	0.0	0.0	0.0	10.4
13	16.0	29.5	24.1	61.6	16.767	14.6	0.0	2.5	2.5	5.5
14	18.6	32.0	22.3	79.2	20.655	18.1	21.0	1.1	22.1	2.5
15	19.0	31.0	24.3	70.3	20.416	17.7	0.2	0.0	0.2	5.0
16	16.5	32.0	24.4	66.3	18.610	16.2	0.0	0.0	0.0	9.6
17	17.5	30.5	23.9	70.8	20.265	17.6	0.0	6.0	6.0	6.2
18	19.0	32.5	25.8	64.8	19.558	16.8	1.8	1.9	3.7	5.8
19	19.0	33.0	25.7	62.5	19.017	16.3	0.0	0.0	0.0	6.7
20	19.0	31.5	25.5	65.8	19.775	16.8	0.0	1.2	1.2	6.5
21	18.5	31.5	24.4	72.2	21.237	16.2	0.0	2.2	2.2	6.0
22	20.0	30.0	25.2	67.3	20.426	17.6	0.0	6.1	6.1	4.7
23	19.5	29.5	23.5	74.2	20.568	17.6	0.3	43.6	43.9	5.9
24	19.0	26.0	21.4	84.4	21.620	18.7	0.4	10.9	11.3	0.6
25	18.5	27.5	23.2	74.9	20.536	18.2	0.4	1.7	2.1	4.1
26	19.0	26.5	21.1	61.5	20.729	16.0	0.7	0.0	0.7	1.3
27	16.0	30.4	23.1	68.5	16.004	15.5	0.0	0.0	0.0	8.5
28	17.0	29.5	23.4	71.1	19.567	17.0	0.0	4.0	4.0	5.7
29	17.0	30.0	23.6	70.3	19.455	16.8	0.4	0.0	0.4	4.2
30	19.5	31.0	25.2	64.2	19.119	16.5	0.0	8.6	8.6	8.3
PROM	18.3	30.2	23.6	68.5	19.056	16.4	37.2	147.3	184.5	184.4

ESTACION: SANTIAGUEDA - LUKER
 ALTITUD: 1.020

MUNICIPIO: FALESTINA AÑO: 1.980
 LATITUD: 5-03 N. LONGITUD: 75-41 W.

52

M E S - M A Y O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.5	30.0	22.3	77.2	20.577	17.9	30.5	14.3	44.8	8.0
2	18.0	28.6	22.8	74.0	19.741	17.1	0.0	0.3	0.3	6.7
3	19.0	29.0	23.4	71.6	19.647	17.1	0.0	0.0	0.0	5.8
4	15.5	31.5	23.2	63.7	16.460	14.0	0.0	0.0	0.0	8.3
5	15.5	30.0	23.7	71.6	20.166	17.6	0.0	12.5	12.5	7.5
6	18.0	29.0	23.6	71.6	20.010	17.5	0.0	0.0	0.0	3.3
7	18.5	30.0	23.6	72.8	20.675	17.8	0.0	3.9	3.9	5.8
8	19.5	28.5	23.0	75.9	20.557	18.2	1.0	2.0	3.0	2.5
9	19.5	28.5	24.2	71.2	20.772	18.1	0.0	30.3	30.3	4.1
10	18.0	28.0	21.6	79.5	20.256	17.7	0.9	0.3	1.2	4.7
11	19.5	32.3	25.5	68.0	20.320	17.6	0.0	0.0	0.0	10.7
12	20.0	32.9	26.3	65.2	20.652	17.9	0.0	37.7	37.7	9.7
13	18.0	27.5	21.7	80.3	20.673	18.0	2.3	5.8	8.1	0.0
14	18.0	26.5	21.3	83.5	21.310	18.5	6.2	14.4	20.6	0.7
15	18.5	27.6	21.5	81.2	20.855	18.1	9.9	0.0	9.9	4.1
16	18.0	30.5	23.8	69.0	19.055	16.5	0.0	0.0	0.0	8.8
17	19.0	30.6	24.0	77.7	22.657	19.3	0.1	0.1	0.2	5.5
18	19.6	26.4	22.2	85.5	22.512	19.6	0.4	1.3	1.7	1.1
19	19.0	31.5	23.7	68.1	18.755	16.0	0.2	0.0	0.2	8.2
20	18.5	32.0	22.6	72.6	18.852	16.1	3.9	0.0	3.9	7.9
21	19.0	29.6	24.8	61.6	17.922	15.5	0.0	12.5	12.5	0.5
22	19.0	30.3	24.4	71.4	20.710	17.7	0.0	5.6	5.6	4.9
23	19.0	28.8	23.3	75.6	21.058	18.3	0.0	0.5	0.5	2.0
24	19.5	30.0	23.3	76.7	21.476	18.5	0.2	0.0	0.2	4.7
25	19.0	30.0	21.8	81.4	22.216	19.0	0.9	0.0	0.9	5.1
26	19.5	28.6	22.8	71.4	19.516	16.5	0.0	0.0	0.0	2.4
27	19.0	30.6	25.3	68.8	21.384	18.4	0.0	8.4	8.4	8.3
28	19.5	31.4	24.5	68.3	20.254	17.5	0.0	1.8	1.8	10.2
29	19.0	30.6	24.1	79.6	23.605	20.3	0.0	19.2	19.2	6.4
30	19.0	30.9	23.6	80.0	23.363	20.0	0.0	2.1	2.1	5.0
31	19.6	26.5	23.4	82.4	23.637	20.2	2.0	0.5	2.5	5.9
PROM.	18.7	29.8	23.4	74.1	20.665	17.8	58.5	173.5	232.0	168.8

M E S - J U N I O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.5	26.9	20.9	90.1	22.465	19.3	14.7	0.0	14.7	0.0
2	18.5	26.0	20.6	84.6	20.405	17.8	3.2	0.0	3.2	2.7
3	17.0	26.0	23.2	74.5	20.470	17.8	0.0	0.0	0.0	5.6
4	18.5	30.6	23.9	66.4	18.656	16.2	0.0	0.0	0.0	9.1
5	19.5	29.3	22.6	76.6	20.712	17.8	4.4	14.2	18.6	6.7
6	18.5	27.5	22.9	73.9	20.572	17.9	0.0	0.0	0.0	6.0
7	17.0	30.0	22.9	69.4	18.202	15.6	0.0	0.0	0.0	6.4
8	18.0	31.0	23.7	72.6	20.511	17.7	0.0	0.5	0.5	7.2
9	18.6	28.2	24.0	69.4	20.050	17.5	0.0	42.9	42.9	6.0
10	19.0	28.0	22.3	77.3	20.437	17.8	2.9	0.0	2.9	2.4
11	19.0	26.0	22.6	77.4	20.764	17.9	18.8	2.4	21.2	4.6
12	18.0	26.0	21.6	78.4	19.752	17.3	1.0	10.5	11.5	1.6
13	17.5	26.0	21.5	78.5	19.764	17.3	3.5	0.0	3.5	3.0
14	17.0	30.9	23.4	71.5	19.004	15.9	0.0	0.0	0.0	9.7
15	15.5	31.0	24.3	67.5	18.536	16.2	0.0	0.0	0.0	9.9
16	16.5	30.0	24.4	65.5	18.660	16.3	0.0	0.0	0.0	10.0
17	18.0	30.9	24.0	68.6	19.408	16.7	0.0	0.0	0.0	8.2
18	18.5	29.0	24.4	66.1	19.178	16.7	0.0	0.0	0.0	5.8
19	19.0	27.0	21.6	83.5	21.665	18.9	10.9	2.3	13.2	1.6
20	19.0	24.0	20.5	88.3	21.653	18.8	9.2	0.0	9.2	0.0
21	18.0	28.0	21.7	76.5	19.673	17.1	0.3	0.6	0.9	7.6
22	18.0	28.0	22.2	70.6	18.666	16.6	0.0	1.1	1.1	3.8
23	17.0	30.5	23.3	70.0	18.942	16.2	0.0	0.0	0.0	6.5
24	17.0	30.5	23.6	67.3	18.306	15.7	0.0	0.0	0.0	7.9
25	17.6	30.0	24.1	74.2	17.786	14.6	0.0	0.0	0.0	7.7
26	17.6	27.3	23.0	78.0	21.437	18.5	0.0	0.0	0.0	2.8
27	18.5	31.1	23.8	68.5	19.068	16.3	0.0	0.0	0.0	8.4
28	15.0	30.0	22.8	67.1	17.046	14.4	0.0	0.0	0.0	9.3
29	17.5	30.6	23.6	66.8	18.218	15.7	0.0	0.4	0.4	9.8
30	17.5	27.5	23.2	72.8	19.660	17.1	0.0	0.5	0.5	5.7
PROM.	17.9	28.7	22.9	73.4	19.700	17.0	66.5	75.4	144.3	178.0

ESTACION: SANTIAGUECA - LUKER

MUNICIPIO: FALESTINA

AÑO:

1980

ALTITUD: 1.020

LATITUD: 5-03 N.

LONGITUD: 75-41 W.

53

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	16.5	30.0	23.5	67.5	18.127	15.6	0.0	0.0	0.0	8.5
2	17.0	30.0	23.0	67.1	17.555	15.2	0.0	0.0	0.0	9.4
3	18.0	30.0	23.1	72.7	19.687	16.5	0.0	0.0	0.0	6.8
4	15.0	28.0	23.5	62.3	16.760	14.4	0.0	0.0	0.0	10.6
5	15.5	28.0	23.5	65.5	17.637	14.8	0.0	0.0	0.0	11.1
6	15.0	29.5	23.9	58.2	15.076	12.6	0.0	0.0	0.0	6.4
7	14.5	1.5	23.4	67.6	17.676	15.5	0.0	2.4	2.4	5.6
8	18.0	1.5	24.5	67.6	19.682	16.2	0.0	8.1	8.1	11.0
9	16.0	7.3	21.5	74.0	18.372	16.1	0.1	0.2	0.3	4.6
10	17.0	7.1	21.1	76.0	18.681	16.1	0.5	5.9	6.4	3.0
11	18.0	7.0	23.4	72.5	20.082	17.5	0.0	0.0	0.0	7.2
12	16.5	0.0	23.2	67.2	17.600	15.5	0.0	1.1	1.1	7.1
13	16.5	0.0	23.6	69.0	19.260	16.7	0.0	0.0	0.0	7.5
14	16.5	0.0	23.2	69.2	19.035	16.6	0.0	0.8	0.8	6.6
15	17.0	0.0	23.6	77.3	19.634	17.3	0.0	0.0	0.0	5.8
16	14.5	0.0	23.3	65.7	17.033	14.7	0.0	0.0	0.0	8.9
17	16.5	1.0	24.1	70.3	19.684	17.1	0.0	0.0	0.0	8.6
18	17.0	1.0	24.4	62.5	17.725	15.5	0.0	0.0	0.0	6.1
19	16.0	1.5	23.7	69.0	19.026	16.6	0.0	0.0	0.0	8.1
20	18.0	1.0	24.1	68.5	19.536	17.0	0.0	0.0	0.0	6.6
21	18.6	1.5	25.4	68.1	21.258	18.5	0.2	0.2	0.4	7.9
22	19.0	1.0	23.1	67.2	18.565	16.1	0.0	14.5	14.5	9.8
23	18.0	1.0	23.6	70.5	19.671	17.3	0.0	47.2	47.2	7.1
24	16.5	9.0	21.0	74.5	18.126	15.9	1.6	0.0	1.6	4.7
25	17.0	2.0	22.3	70.5	18.502	16.2	0.1	2.0	2.1	5.3
26	17.5	2.0	23.6	70.5	19.755	17.3	0.0	0.0	0.0	6.3
27	18.5	2.0	23.5	73.1	20.675	18.0	0.0	0.7	0.7	6.8
28	17.5	2.0	21.7	70.8	17.573	15.7	0.0	2.5	2.5	6.5
29	17.0	1.6	23.5	68.9	18.536	16.2	0.0	0.0	0.0	10.5
30	17.0	1.5	24.3	61.3	17.476	15.1	0.0	2.0	2.0	10.1
31	17.0	2.0	23.4	76.9	21.464	18.5	0.0	20.0	20.0	3.5
PROM.	16.9	30.0	23.2	69.1	18.732	16.2	2.5	107.6	110.1	234.0

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	17.0	30.0	23.0	70.5	18.624	16.4	0.0	8.5	8.5	8.6
2	17.0	31.0	22.4	71.4	18.555	16.2	0.0	0.0	0.0	9.7
3	17.0	30.0	21.6	73.4	18.556	16.3	0.0	0.5	0.5	6.0
4	15.5	30.0	22.7	74.2	19.616	17.2	0.0	0.0	0.0	8.4
5	18.0	30.0	23.5	64.7	17.552	15.1	0.0	1.0	1.0	7.8
6	17.0	29.0	23.9	73.5	20.787	18.0	0.0	0.4	0.4	6.4
7	19.5	27.0	22.6	78.4	21.247	18.4	0.0	3.2	3.2	1.1
8	19.0	21.0	20.6	92.0	22.223	19.2	13.8	0.0	13.8	2.7
9	16.0	29.0	20.5	71.1	18.623	16.5	0.0	3.7	3.7	6.5
10	18.0	29.4	22.3	72.1	19.013	16.6	3.0	0.0	3.0	7.6
11	15.0	31.0	23.1	66.2	17.175	14.8	0.0	0.0	0.0	10.4
12	17.0	30.0	23.3	73.5	20.282	17.5	0.0	0.0	0.0	8.1
13	15.5	30.0	21.8	69.7	16.641	14.6	0.0	0.0	0.0	6.9
14	17.0	30.0	24.1	61.4	18.067	15.6	0.0	0.0	0.0	5.4
15	17.0	30.0	23.5	68.0	18.542	16.4	0.0	0.0	0.0	6.4
16	17.0	30.0	23.5	72.0	18.422	16.2	0.0	0.0	0.0	5.1
17	17.0	30.0	23.5	66.6	18.210	16.1	0.0	0.0	0.0	6.7
18	17.5	30.0	23.5	70.0	18.643	16.0	0.8	0.0	0.8	6.0
19	17.0	30.0	23.4	70.0	19.306	16.7	0.0	26.1	26.1	6.8
20	17.0	30.0	22.9	74.8	19.685	16.5	0.1	1.2	1.3	7.2
21	15.0	29.0	22.7	74.4	19.485	16.9	0.0	0.0	0.0	9.9
22	16.0	29.0	22.6	67.6	17.547	15.3	0.0	1.8	1.8	8.7
23	18.0	29.0	22.0	65.6	18.559	15.9	0.0	0.0	0.0	7.6
24	13.5	32.0	22.7	67.0	18.656	14.2	0.0	0.0	0.0	10.1
25	13.5	32.0	23.9	61.0	16.126	13.5	0.0	0.0	0.0	10.3
26	18.5	31.0	24.0	67.1	18.182	16.4	0.0	7.4	7.4	0.0
27	18.5	31.0	23.1	67.2	18.107	15.7	0.0	0.0	0.0	9.2
28	14.5	29.0	21.2	61.7	16.065	13.9	0.0	0.0	0.0	6.9
29	18.0	31.0	23.0	74.0	21.016	18.3	2.6	0.0	2.6	6.3
30	18.0	31.0	22.5	69.0	18.667	16.3	0.0	3.4	3.4	7.5
31	13.0	31.0	22.3	74.5	19.651	17.1	9.5	27.3	36.8	8.3
PROM.	16.9	30.0	22.9	70.6	18.765	16.3	54.3	119.5	173.8	213.0

ESTACION: SANTAGUEDA - LUKER
 ALTITUD: 1.020

MUNICIPIO: FALESTINA
 LATITUD: 5-03 N.

AÑO: 1.980
 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	16.5	30.0	22.2	69.4	17.624	15.6	0.0	2.3	2.3	6.1
2	16.5	30.0	21.6	71.7	17.497	14.9	1.3	0.0	1.3	6.7
3	17.0	33.0	23.3	73.7	20.311	17.6	0.0	0.0	0.0	6.1
4	17.5	32.0	22.6	75.5	20.448	17.8	0.3	20.8	21.1	6.5
5	17.0	30.0	23.3	66.3	17.704	15.3	0.0	0.0	0.0	7.4
6	17.0	30.0	24.7	66.9	19.243	16.7	0.0	0.0	0.0	8.9
7	17.0	32.0	23.7	72.0	20.192	17.6	0.0	0.0	0.0	6.7
8	16.5	32.0	25.6	64.1	20.040	17.3	0.0	62.3	62.3	10.0
9	16.5	32.0	21.5	60.0	16.374	17.6	0.0	7.8	7.8	2.9
10	16.0	32.0	21.1	69.6	18.555	16.3	0.0	0.0	0.0	5.5
11	15.5	32.0	24.0	61.7	16.374	14.1	0.0	0.0	0.0	6.6
12	17.5	32.0	24.0	69.2	19.479	16.8	0.0	0.0	0.0	5.6
13	16.0	30.0	23.3	72.7	19.546	17.4	0.0	0.0	0.0	6.5
14	16.0	28.0	23.0	75.8	20.621	17.9	0.2	3.4	3.6	1.7
15	16.5	24.0	20.7	82.0	20.016	17.5	0.0	0.0	0.0	0.0
16	15.5	28.0	21.9	78.6	19.626	17.3	0.0	40.2	40.2	4.6
17	18.5	30.0	23.4	71.6	20.161	17.6	0.0	0.0	0.0	7.8
18	16.5	31.0	21.4	75.8	18.426	15.9	56.4	1.2	57.6	7.5
19	16.0	27.0	21.2	61.4	20.130	17.5	0.8	26.6	27.4	2.8
20	15.5	28.0	21.1	71.7	17.481	15.3	0.0	5.8	5.8	6.7
21	18.0	28.0	20.9	82.6	20.682	18.0	1.5	0.0	1.5	0.6
22	17.0	25.0	22.5	75.3	20.079	17.5	0.0	0.0	0.0	4.8
23	17.0	31.0	23.0	67.6	21.205	16.4	1.1	0.0	1.1	6.7
24	15.5	31.0	23.5	76.8	18.320	15.9	0.0	10.7	10.7	8.9
25	16.0	31.0	24.8	63.5	18.246	15.9	0.0	52.3	52.3	9.2
26	13.0	29.0	22.8	74.1	20.067	17.5	2.1	0.0	2.1	5.3
27	19.0	31.0	24.0	70.4	20.216	17.5	0.0	30.2	30.2	5.3
28	18.5	28.0	21.6	70.5	17.801	15.6	0.0	0.0	0.0	3.4
29	15.5	28.0	23.4	65.7	17.861	15.1	0.0	28.5	28.5	10.6
30	17.5	29.0	22.8	73.3	19.547	17.0	0.0	9.1	9.1	5.9
PROM.	16.8	30.0	22.8	72.3	19.275	16.7	64.4	301.2	365.6	169.5

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	19.0	28.0	22.2	73.0	19.465	17.0	0.0	0.0	0.0	1.3
2	17.5	29.0	22.8	74.4	20.261	17.7	0.0	3.9	3.9	5.5
3	19.0	33.0	24.9	66.9	20.168	17.4	0.0	35.8	35.8	8.1
4	18.0	27.0	21.6	76.6	19.137	16.5	0.3	15.4	15.7	2.3
5	18.0	28.5	21.5	76.5	19.377	17.0	1.0	19.5	20.5	2.3
6	17.5	26.0	21.2	82.0	20.575	17.9	1.5	22.3	23.8	2.8
7	18.0	27.0	21.8	79.5	20.609	17.9	0.0	0.0	0.0	2.5
8	17.5	27.0	22.3	77.5	20.366	17.7	0.0	0.0	0.0	6.0
9	17.5	33.0	23.0	69.6	18.708	16.3	0.0	7.2	7.2	6.8
10	18.0	26.0	21.8	80.6	20.613	18.1	0.0	0.0	0.0	0.0
11	15.5	30.0	22.5	74.0	19.134	16.6	0.0	0.0	0.0	7.9
12	18.5	28.5	22.1	71.4	18.719	16.4	0.0	0.0	0.0	5.6
13	16.5	30.5	23.2	67.1	18.242	16.0	0.0	0.0	0.0	5.7
14	18.5	31.0	24.3	67.9	19.684	17.2	0.0	1.0	1.0	8.4
15	18.0	29.5	22.8	67.0	18.152	16.0	0.0	1.6	1.6	7.2
16	18.0	33.0	22.2	77.0	20.414	17.7	48.3	1.4	49.7	7.6
17	18.5	27.0	21.2	81.5	20.683	18.2	15.3	3.4	18.7	2.1
18	18.0	27.0	21.5	75.8	19.217	16.8	0.2	1.7	1.9	2.4
19	18.0	28.0	22.2	72.2	18.583	16.6	0.0	1.1	1.1	4.6
20	18.0	24.5	20.5	79.6	19.537	17.1	4.6	0.0	4.6	2.6
21	15.0	33.0	22.3	71.6	17.506	15.5	0.0	0.0	0.0	6.4
22	17.5	33.0	24.0	68.5	19.241	16.8	0.0	0.0	0.0	6.2
23	19.0	30.5	24.2	73.3	21.449	18.5	0.0	0.0	0.0	7.4
24	19.0	31.0	24.2	64.5	18.827	16.2	0.0	0.0	0.0	9.9
25	16.0	29.0	22.5	74.7	19.441	17.0	0.0	0.0	0.0	7.2
26	16.0	28.0	22.4	76.7	20.496	17.8	1.4	0.4	1.8	5.9
27	16.0	28.0	23.1	75.7	20.575	18.2	0.0	0.0	0.0	5.7
28	16.0	31.0	23.4	66.0	18.104	15.9	0.0	25.0	25.0	5.3
29	16.5	24.0	22.8	86.0	21.155	18.4	3.6	0.0	3.6	0.0
30	16.0	29.5	22.3	72.6	18.857	16.5	0.0	0.0	0.0	7.7
31	18.5	30.5	23.0	69.5	19.042	16.5	0.0	0.0	0.0	6.7
PROM	17.5	28.8	22.5	73.5	19.606	17.1	76.2	139.7	215.9	168.4

ESTACION: SANTAJEDA - LUKEN

MUNICIPIO: PALESTINA

AÑO:

1.980

ALTITUD: 1.020

LATITUD: 5-03 N.

LONGITUD: 75-41 W.

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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	31.0	24.4	72.3	21.656	18.9	0.0	1.3	1.3	9.4
2	18.5	28.0	22.1	63.7	22.324	19.2	0.0	1.6	1.6	4.0
3	19.5	30.0	22.2	79.1	21.231	18.5	0.0	0.0	0.0	5.5
4	18.5	29.0	22.5	78.9	21.707	18.8	0.0	1.2	1.2	4.6
5	18.5	26.0	21.2	85.7	21.667	18.5	0.8	1.5	2.3	1.0
6	18.5	26.0	21.8	61.4	21.464	18.6	0.0	0.0	0.0	5.1
7	17.5	23.0	23.0	75.5	20.712	18.0	0.0	16.6	16.6	8.0
8	18.0	27.0	21.6	63.2	21.715	18.8	3.5	0.0	3.5	4.5
9	14.5	23.0	21.4	77.2	19.450	17.1	0.0	0.8	0.8	10.6
10	16.5	26.0	21.3	79.4	20.254	17.7	0.0	0.0	0.0	10.7
11	18.5	25.0	22.1	82.0	21.764	18.8	4.8	4.2	9.0	7.0
12	18.5	23.0	21.8	65.3	22.569	19.4	5.3	0.0	5.3	0.0
13	18.0	27.0	22.4	80.0	21.709	18.8	12.3	12.5	24.8	2.9
14	18.5	26.0	21.1	63.0	21.628	18.3	0.0	23.3	23.3	3.2
15	18.5	29.0	22.2	81.0	21.548	18.7	0.0	16.8	16.8	5.8
16	18.5	27.0	20.4	86.0	20.550	18.2	0.3	0.0	0.3	0.0
17	16.5	30.0	22.6	79.1	21.455	18.6	0.1	2.4	2.5	10.0
18	17.0	29.0	22.4	79.2	21.152	18.4	0.0	0.0	0.0	7.9
19	16.5	30.0	22.6	77.0	20.821	18.1	0.0	0.0	0.0	10.1
20	17.5	29.0	22.4	79.4	21.712	18.8	0.0	0.0	0.0	6.4
21	19.5	23.0	22.1	79.5	22.155	19.3	0.0	0.6	0.6	4.6
22	18.0	29.0	22.4	80.5	21.666	18.5	0.0	0.0	0.0	7.0
23	19.5	28.0	22.2	86.6	22.766	19.6	0.0	0.0	0.0	3.9
24	19.0	27.0	22.5	83.4	23.611	20.2	0.0	0.0	0.0	2.4
25	18.0	30.0	23.2	60.6	22.639	19.5	0.0	28.7	28.7	8.3
26	18.5	27.0	22.4	61.6	21.663	18.9	0.0	0.0	0.0	2.1
27	18.5	30.0	23.1	60.6	22.633	19.6	1.3	8.3	9.6	8.5
28	18.5	29.0	23.4	79.7	22.546	18.7	0.0	0.0	0.0	4.8
29	18.5	28.0	21.9	82.6	22.016	18.0	0.3	0.0	0.3	2.9
30	17.0	30.0	22.2	83.8	22.225	18.2	0.0	1.2	1.2	7.3
PROM.	18.0	28.6	22.3	81.0	21.757	18.8	28.7	121.0	149.7	168.5

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	17.0	22.0	21.3	79.7	20.364	17.8	20.5	0.1	20.6	7.5
2	17.5	23.0	23.0	71.6	18.500	16.3	0.0	12.9	12.9	8.0
3	18.5	29.0	22.0	76.4	19.434	16.9	0.1	3.1	3.2	7.4
4	17.0	29.0	21.1	77.1	18.669	16.2	1.6	5.6	7.2	5.5
5	19.0	29.0	22.6	71.5	18.554	15.8	0.0	0.0	0.0	7.3
6	19.0	29.0	22.7	72.3	19.459	17.0	0.0	0.0	0.0	7.3
7	17.5	30.0	22.9	74.6	19.764	17.0	0.0	0.0	0.0	8.0
8	18.0	26.0	21.8	82.8	21.465	18.6	0.0	0.0	0.0	0.0
9	18.6	29.0	22.9	69.5	18.653	16.3	0.0	0.0	0.0	6.5
10	17.5	30.0	23.1	71.6	19.260	16.7	0.0	0.0	0.0	6.5
11	19.0	29.0	22.9	73.5	18.155	16.8	0.0	16.0	16.0	5.4
12	18.5	29.0	22.7	74.7	20.020	17.4	4.0	2.0	6.0	7.1
13	18.0	29.0	22.4	75.5	19.779	17.2	0.0	0.0	0.0	5.1
14	18.0	29.0	22.6	65.5	17.668	15.3	0.0	22.5	22.5	6.5
15	18.5	29.0	22.3	76.1	19.675	17.3	0.0	0.0	0.0	6.5
16	18.0	30.0	22.4	71.3	18.345	15.9	0.0	9.4	9.4	6.2
17	18.5	26.0	22.7	81.4	19.660	17.2	0.0	0.0	0.0	3.2
18	17.0	29.0	22.7	72.8	19.055	16.4	0.0	0.2	0.2	7.8
19	19.0	29.0	22.9	75.7	20.710	18.0	0.0	8.3	8.3	6.9
20	18.5	29.0	22.5	73.5	18.525	16.4	0.0	5.0	5.0	7.4
21	18.5	30.0	22.1	70.7	18.556	16.4	0.0	0.0	0.0	7.5
22	17.5	30.0	22.2	71.5	19.264	16.8	0.0	0.0	0.0	8.6
23	18.0	29.0	22.4	71.1	19.662	17.1	0.0	12.2	12.2	6.3
24	18.0	26.0	22.3	74.5	19.234	16.5	0.0	44.3	44.3	4.7
25	18.0	27.0	21.5	60.4	20.774	18.0	1.5	0.1	1.6	4.7
26	17.5	28.0	22.0	74.0	18.725	16.2	0.0	0.1	0.1	5.3
27	17.5	29.0	22.2	71.5	18.165	15.7	0.0	9.2	9.2	6.6
28	15.5	28.0	21.6	67.7	17.450	14.2	0.0	2.2	2.2	7.7
29	16.5	26.0	21.8	73.5	18.250	15.9	0.0	14.0	14.0	6.5
30	19.0	27.0	22.4	78.3	20.766	18.0	1.1	10.7	11.8	0.0
31	18.0	28.0	21.7	75.1	18.709	16.1	2.1	0.0	2.1	4.4
PROM.	18.0	23.8	22.4	73.5	19.271	16.7	30.9	177.9	208.8	

ESTACION: SANTIAGUEGA - LUKER

MUNICIPIO PALESTINA

AÑO: 1.980

ALTITUD: 1.020

LATITUD: 5-03 N.

LONGITUD: 75-41 W.

56

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 Hluvias	
ENERO	17.6	29.1	22.4	15.5	32.5	71.6	18.505	15.9	131.2	16	209.8
FEBRERO	17.9	29.8	22.7	16.0	32.5	66.5	17.882	15.3	118.4	16	198.6
MARZO	18.3	30.7	23.6	15.0	34.0	67.2	18.448	15.8	82.7	11	221.9
ABRIL	18.3	30.2	23.6	15.5	33.0	66.6	18.096	16.4	184.5	22	184.4
MAYO	18.7	29.8	23.4	15.5	32.9	74.1	20.685	17.8	232.0	25	168.8
JUNIO	17.9	28.7	22.9	15.0	31.1	73.4	19.700	17.0	144.3	15	178.0
JULIO	16.9	30.0	23.2	14.5	32.5	65.1	18.732	16.2	110.1	15	234.0
AGOSTO	16.9	30.0	22.9	13.5	32.0	70.8	18.789	16.3	173.8	17	213.0
SEPTIEMBRE	16.8	30.0	22.8	15.5	32.5	72.3	19.275	16.7	365.6	19	189.5
OCTUBRE	17.5	28.8	22.5	15.0	31.0	73.5	19.606	17.1	215.9	16	168.4
NOVIEMBRE	18.0	28.6	22.3	14.5	31.0	81.0	21.757	18.8	149.7	19	168.5
DICIEMBRE	18.0	28.8	22.4	15.5	30.5	73.9	19.271	16.7	208.8	20	
PROMEDIO	17.7	29.5	22.9	15.1	32.1	72.1	19.312	16.7			
TOTAL									2117.0	211	

ESTACION: CENICAFE
 ALTITUD: 1.310

MUNICIPIO: CHINCHINA AÑO: 1.980
 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	17.0	26.8	21.6	73.8	18.211	16.5	0.0	3.5	3.5	3.9
2	17.2	27.3	21.4	77.7	19.407	17.0	0.1	0.0	0.1	4.8
3	17.1	30.0	22.8	68.6	18.606	16.3	0.0	3.3	3.3	7.2
4	17.0	28.0	22.2	67.5	17.534	15.4	0.0	0.0	0.0	6.6
5	17.0	29.0	22.7	68.3	18.132	15.9	0.0	0.0	0.0	6.4
6	17.0	30.5	22.7	67.6	17.502	15.8	0.0	0.0	0.0	9.3
7	17.0	29.4	22.6	67.5	17.546	15.8	0.0	0.0	0.0	9.1
8	16.8	29.8	23.0	68.1	18.604	16.3	0.0	0.0	0.0	8.8
9	15.8	28.9	21.8	68.8	17.828	15.7	0.0	0.0	0.0	6.8
10	14.9	29.5	22.3	75.5	19.658	17.3	0.0	0.2	0.2	6.9
11	14.3	27.2	19.6	81.7	18.654	16.6	22.3	0.0	22.3	5.5
12	14.5	28.6	21.3	72.6	17.615	15.5	0.2	0.0	0.2	9.9
13	16.6	25.8	20.7	86.1	20.669	18.0	0.9	40.5	41.4	5.3
14	16.8	28.7	20.7	75.4	17.546	15.8	0.4	7.9	8.3	7.7
15	17.4	25.7	20.3	79.6	18.618	16.3	0.7	0.0	0.7	0.8
16	17.0	24.6	19.7	90.6	20.601	18.1	1.4	7.3	8.7	2.2
17	16.7	24.0	20.1	78.2	18.057	15.8	0.1	0.0	0.1	1.7
18	16.5	27.4	19.6	76.9	17.562	15.5	32.4	4.1	36.5	5.5
19	17.0	27.3	20.5	76.5	17.529	15.7	2.3	0.0	2.3	5.1
20	15.0	29.5	21.9	62.9	16.050	14.1	0.0	0.0	0.0	10.0
21	16.0	27.6	20.3	80.8	18.572	16.6	0.0	0.0	0.0	3.9
22	15.5	30.6	22.4	65.4	16.601	14.5	0.0	0.0	0.0	9.0
23	17.5	30.2	22.4	68.8	17.563	15.8	0.0	12.3	12.3	6.9
24	17.0	29.6	23.0	67.6	17.829	15.6	0.0	0.0	0.0	8.2
25	17.0	31.1	22.6	65.4	17.122	15.0	0.0	0.0	0.0	9.5
26	18.4	30.8	23.5	60.3	16.356	14.2	0.0	0.0	0.0	8.0
27	17.5	29.0	23.2	64.5	17.728	15.6	0.0	0.0	0.0	8.7
28	18.8	23.8	21.0	69.6	22.415	19.3	34.8	0.0	34.8	1.0
29	17.7	29.6	22.3	73.0	19.047	16.7	0.0	42.6	42.6	4.9
30	17.4	24.5	19.4	86.2	19.663	17.2	21.0	0.0	21.0	1.1
31	15.6	28.5	20.5	80.0	18.669	16.4	8.4	0.5	8.9	7.1
PROM.	16.7	28.2	21.5	73.8	18.432	16.1	125.0	123.6	248.6	191.8

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	16.9	25.6	19.7	88.5	20.227	17.7	13.9	0.0	13.9	3.2
2	17.0	28.8	22.4	68.1	17.409	15.3	0.0	1.3	1.3	5.7
3	18.0	25.0	15.7	69.1	20.733	18.1	12.4	15.6	28.0	0.5
4	16.9	25.8	20.4	79.8	18.726	16.4	0.0	0.0	0.0	3.2
5	17.0	30.2	22.3	72.2	18.626	16.3	0.0	3.1	3.1	7.2
6	17.7	28.8	20.8	79.0	19.054	16.7	1.8	0.0	1.8	1.7
7	17.7	29.8	22.3	65.9	17.122	15.0	0.0	0.0	0.0	8.8
8	17.8	28.9	22.9	68.6	18.490	16.2	0.0	0.5	0.5	7.2
9	18.0	29.9	22.3	69.8	18.511	16.2	0.0	0.4	0.4	8.3
10	18.0	29.7	22.7	68.0	18.254	16.1	0.0	0.0	0.0	6.7
11	16.3	30.8	22.7	61.8	15.704	13.6	0.0	0.1	0.1	9.6
12	18.0	30.8	23.0	62.1	16.655	14.8	0.0	0.0	0.0	9.3
13	18.6	30.6	23.2	65.6	18.006	15.8	0.0	0.0	0.0	9.4
14	18.5	29.9	23.4	66.0	18.265	16.0	0.0	0.0	0.0	9.1
15	17.9	29.8	23.4	65.5	18.377	16.1	0.0	2.4	2.4	7.5
16	17.6	26.3	21.4	76.6	19.039	16.7	0.0	17.0	17.0	2.3
17	16.8	26.8	21.1	78.6	18.557	16.6	0.0	0.0	0.0	3.8
18	16.7	28.2	21.7	74.2	18.730	16.4	0.0	2.5	2.5	5.5
19	17.5	27.6	22.0	72.2	18.552	16.3	0.0	0.0	0.0	4.7
20	17.7	27.8	21.6	74.5	18.752	16.5	0.7	0.0	0.7	4.5
21	16.0	28.7	20.5	71.7	17.163	15.0	3.0	0.0	3.0	5.6
22	16.3	28.7	22.0	67.2	17.360	15.3	0.0	0.0	0.0	5.7
23	17.0	29.9	23.6	58.1	15.366	13.2	0.0	0.0	0.0	9.7
24	17.0	30.6	23.1	64.2	17.564	15.4	0.0	0.1	0.1	9.9
25	18.6	26.8	21.7	82.6	21.124	18.3	0.0	0.0	0.0	0.8
26	18.5	26.8	22.5	67.8	17.821	15.6	0.0	0.8	0.8	6.1
27	17.4	29.9	22.7	59.2	15.469	13.5	0.0	0.0	0.0	8.2
28	18.6	30.9	23.2	58.1	15.764	13.7	0.0	0.0	0.0	5.1
29	16.0	27.0	21.3	75.5	18.750	16.4	0.3	0.8	1.1	5.9
PROM.	17.4	28.7	22.1	70.7	18.103	15.8	32.1	44.6	76.7	181.4

ESTACION: CENICAFE
 ALTITUD: 1.310

MUNICIPIO: CHINCHENA
 LATITUD: 4-59 N.

ARO: 1-980
 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	16.0	30.6	22.3	63.2	16.312	14.3	0.0	0.0	0.0	9.6
2	17.4	29.6	22.6	62.5	16.511	14.9	0.0	0.0	0.0	7.9
3	18.2	29.8	21.7	75.0	16.666	16.2	0.7	0.0	0.7	6.7
4	17.5	29.6	22.1	69.4	17.500	15.7	0.0	21.5	21.5	7.9
5	17.0	26.5	21.3	74.6	16.279	16.0	4.0	0.0	4.0	5.6
6	17.5	25.9	22.2	66.3	16.646	14.6	0.0	0.0	0.0	8.3
7	17.2	30.3	23.1	62.3	16.559	14.5	0.0	0.0	0.0	8.6
8	19.0	30.6	23.6	58.1	16.050	14.0	0.0	0.0	0.0	7.9
9	18.5	30.0	24.0	58.3	16.754	14.6	0.0	0.0	0.0	5.5
10	18.0	29.6	22.7	68.0	16.213	16.0	6.4	0.0	6.4	6.4
11	18.0	30.6	23.3	65.6	16.106	15.9	0.0	5.8	5.8	9.3
12	19.0	31.0	24.5	62.2	16.696	16.4	0.0	5.8	5.8	5.1
13	18.8	30.5	23.4	68.2	15.225	16.8	0.0	0.0	0.0	0.0
14	19.2	26.0	22.0	77.5	20.455	17.8	0.0	0.0	0.0	4.1
15	18.0	28.1	22.2	49.2	17.765	15.5	0.0	0.0	0.0	3.6
16	18.0	28.5	22.8	71.5	19.433	16.9	0.0	0.0	0.0	2.8
17	17.5	28.6	23.0	71.8	19.360	17.0	0.0	2.3	2.3	4.0
18	16.5	28.6	21.2	79.2	19.345	16.9	0.1	26.9	27.0	5.1
19	17.0	27.2	21.7	74.2	16.489	16.1	0.0	1.0	1.0	7.5
20	18.7	30.2	22.6	68.6	17.599	15.7	0.0	0.0	0.0	7.5
21	15.3	31.6	22.4	56.7	14.641	12.6	0.0	0.0	0.0	6.6
22	17.7	29.8	21.8	68.0	17.683	15.5	0.2	31.0	31.2	2.5
23	17.6	29.8	21.5	71.5	18.653	16.6	0.0	0.0	0.0	5.6
24	16.8	31.2	21.6	62.7	17.270	15.2	0.0	0.4	0.4	7.9
25	19.2	26.4	21.8	78.2	20.338	17.7	0.0	0.0	0.0	1.4
26	17.8	31.6	21.0	64.4	16.128	15.9	0.0	0.0	0.0	6.0
27	18.7	32.9	25.0	62.5	16.125	15.8	0.0	0.0	0.0	10.0
28	18.8	31.9	24.7	65.5	16.244	16.9	0.0	0.0	0.0	7.4
29	18.0	32.6	24.5	67.5	19.233	16.8	0.5	33.5	34.0	7.8
30	18.6	26.4	20.9	89.5	22.668	19.5	6.5	0.1	6.6	1.3
31	17.4	32.5	24.0	69.0	15.601	16.5	0.0	0.0	0.0	9.2
PROM.	17.8	29.7	22.8	68.4	16.2E1	16.0	21.4	128.0	149.4	192.2

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	18.4	30.6	23.3	65.7	18.218	15.9	0.0	19.9	19.9	7.4
2	17.0	32.6	21.5	73.0	17.517	15.8	0.9	7.8	8.7	4.6
3	17.6	28.6	21.4	72.2	17.565	15.8	0.1	0.0	0.1	4.9
4	16.5	30.6	21.5	70.9	17.656	15.5	0.7	0.0	0.7	7.3
5	16.5	29.8	22.2	69.4	17.550	15.5	0.0	0.0	0.0	5.9
6	16.6	28.8	21.7	76.3	19.070	16.6	1.9	7.0	8.9	5.1
7	17.8	28.5	21.2	82.0	20.392	17.8	7.9	7.7	15.6	0.6
8	17.0	26.1	20.2	64.0	19.793	17.3	5.5	0.0	5.5	1.8
9	16.7	30.7	22.3	67.1	17.508	15.4	0.0	0.0	0.0	9.5
10	16.8	27.0	21.9	73.2	16.545	16.7	0.0	0.0	0.0	5.5
11	17.2	28.8	21.6	68.6	17.631	15.5	0.1	0.0	0.1	7.9
12	15.7	30.6	22.2	62.5	15.526	13.5	0.0	0.0	0.0	10.6
13	16.0	30.4	22.2	65.5	16.521	14.6	0.3	0.4	0.7	7.4
14	17.2	28.1	21.9	78.5	20.159	17.6	2.0	2.3	23.0	5.1
15	18.0	29.8	22.5	68.7	16.065	15.8	0.0	0.0	0.0	6.7
16	16.8	32.4	23.8	67.7	15.160	16.7	0.0	0.0	0.0	6.5
17	17.0	30.0	22.4	67.3	17.526	15.3	0.2	0.0	0.2	6.0
18	19.0	31.2	24.6	64.4	18.576	16.2	0.0	7.5	7.5	8.1
19	19.2	31.3	24.5	67.0	19.266	16.7	0.0	0.0	0.0	8.8
20	19.4	30.8	24.5	61.8	17.548	15.6	0.0	0.9	0.9	5.3
21	18.6	30.2	22.5	74.1	19.563	17.5	1.6	25.0	26.6	4.9
22	18.4	29.0	23.0	75.1	20.440	17.8	0.0	30.0	30.0	4.9
23	18.3	27.5	22.1	79.1	20.446	17.8	0.0	37.6	37.6	6.3
24	18.5	23.5	19.9	69.3	20.062	18.3	1.4	3.9	15.3	0.2
25	16.8	26.1	20.7	63.6	20.238	17.7	1.2	1.5	2.7	2.1
26	17.5	25.0	20.0	66.4	15.561	17.5	1.3	0.0	1.3	0.9
27	15.0	30.9	22.3	74.0	18.651	16.2	0.0	0.0	0.0	10.1
28	17.5	28.5	21.1	73.5	18.124	15.8	0.0	1.9	1.9	5.0
29	17.5	28.5	21.8	75.0	15.052	16.7	0.2	0.0	0.2	4.7
30	18.0	31.3	23.5	69.0	19.266	16.8	0.0	41.9	41.9	7.8
PROM	17.4	29.2	22.1	72.6	16.771	16.4	54.0	230.6	284.6	173.9

ESTACION: CENICAFE

MUNICIPIO: CHINCHINA

AÑO:

1.980

ALTITUD: 1.310

LATITUD: 4-59 N.

LONGITUD: 75-35 W.

59

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	18.0	23.4	20.6	81.6	19.731	17.3	20.3	20.8	41.1	3.7
2	17.0	27.2	21.6	77.2	19.518	17.0	0.0	0.1	0.1	6.8
3	18.0	22.9	21.3	72.1	17.544	15.7	0.0	0.0	0.0	3.2
4	15.6	22.9	22.5	64.1	16.546	14.5	0.0	0.0	0.0	6.2
5	17.5	23.9	21.7	76.2	19.676	17.3	0.0	1.3	1.3	5.6
6	18.0	22.7	23.3	76.5	21.113	18.3	0.2	0.0	0.2	3.4
7	18.8	22.3	21.3	60.0	20.407	17.8	0.6	0.0	0.6	3.5
8	18.4	22.7	21.3	79.5	20.620	17.5	0.0	1.7	1.7	1.8
9	16.2	27.0	21.7	75.1	18.723	16.4	0.3	8.3	8.6	4.5
10	15.6	26.0	20.0	75.5	17.053	14.9	3.7	0.2	3.9	5.3
11	15.0	30.0	22.3	70.7	18.107	15.9	0.0	0.0	0.0	10.2
12	18.4	32.0	23.3	74.7	21.325	18.5	0.2	32.6	32.8	7.6
13	17.5	25.2	19.8	86.6	20.185	17.6	27.3	10.9	38.2	0.0
14	17.9	23.2	19.9	86.7	20.302	17.7	8.6	46.5	55.1	0.7
15	17.0	25.5	19.7	90.1	20.527	18.2	3.3	0.0	3.3	1.7
16	16.0	28.8	21.8	73.2	18.670	16.4	0.0	0.0	0.0	6.9
17	18.0	28.4	21.8	76.3	19.775	17.3	1.8	0.0	1.8	2.8
18	17.8	25.0	19.3	51.4	20.562	17.9	31.3	8.6	39.9	1.9
19	17.7	33.0	22.3	74.6	19.530	17.1	0.0	0.0	0.0	6.1
20	17.2	30.5	22.0	72.0	18.755	16.4	0.7	4.1	4.8	6.4
21	18.0	26.7	22.1	80.0	20.528	18.2	1.3	0.0	1.3	0.0
22	18.7	27.9	22.3	76.3	20.152	17.7	0.0	10.8	10.8	3.5
23	18.2	26.6	21.5	77.2	19.532	17.1	0.0	4.4	4.4	1.7
24	18.5	27.0	21.7	77.3	19.611	17.3	0.2	0.1	0.3	2.4
25	19.0	27.4	20.6	87.3	21.737	18.8	6.9	0.0	6.9	2.9
26	18.2	25.2	21.4	87.3	19.558	17.2	1.7	0.0	1.7	0.8
27	18.0	29.9	23.1	77.2	21.109	18.3	0.0	15.1	15.1	8.2
28	18.5	29.6	23.3	73.2	20.543	17.9	0.0	0.3	0.3	6.4
29	18.2	29.3	22.2	74.8	19.527	17.1	2.0	9.0	11.0	6.0
30	18.5	26.7	21.9	77.2	19.651	17.0	0.7	0.7	1.4	3.8
31	18.6	27.5	22.2	79.1	20.859	18.1	0.1	0.0	0.1	2.5
PROM.	17.7	28.0	21.6	77.5	19.754	17.2	111.2	175.5	286.7	127.1

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	18.0	24.5	19.2	89.7	20.300	17.7	42.6	0.2	42.8	0.5
2	16.2	24.7	18.7	93.1	19.553	17.4	3.9	0.0	3.9	0.9
3	16.2	28.3	21.9	77.5	19.527	17.4	0.0	0.0	0.0	5.7
4	17.4	30.3	23.7	67.7	18.472	16.3	0.0	0.0	0.0	6.6
5	19.0	28.8	22.2	80.0	21.165	18.4	8.9	0.7	9.6	2.9
6	18.6	28.8	21.6	60.5	20.632	18.0	0.2	0.0	0.2	6.7
7	17.0	29.5	22.3	71.0	16.526	16.2	1.3	0.0	1.3	5.9
8	18.0	30.0	22.7	67.2	17.640	15.6	0.0	0.0	0.0	5.2
9	19.2	28.5	22.4	76.2	20.075	17.5	0.4	21.9	22.3	2.9
10	18.0	26.4	20.5	83.3	19.640	17.4	2.0	4.4	6.4	2.3
11	18.0	26.7	21.8	84.0	21.474	18.6	0.5	15.4	15.9	3.4
12	16.7	24.2	20.3	85.0	21.001	18.2	5.6	33.8	39.4	0.8
13	16.0	24.3	20.5	63.6	19.681	17.2	3.3	0.0	3.3	0.9
14	15.1	31.2	22.4	47.6	17.510	15.4	0.0	0.0	0.0	10.6
15	16.0	29.9	23.1	66.4	17.534	15.7	0.0	0.0	0.0	7.7
16	16.6	31.6	23.1	46.1	17.143	14.8	0.0	0.0	0.0	9.1
17	17.4	30.0	23.4	49.7	19.506	17.0	0.0	0.3	0.3	5.1
18	17.7	27.2	21.6	74.2	19.018	16.7	0.0	8.8	8.8	2.8
19	18.0	25.5	20.3	85.0	20.426	17.8	11.1	2.6	13.7	2.0
20	17.5	22.0	18.9	56.5	20.883	18.2	38.8	0.0	38.8	0.0
21	16.0	27.2	20.7	80.0	19.145	16.8	0.1	0.8	0.9	6.0
22	17.0	25.0	20.6	77.8	18.863	16.6	1.1	1.5	2.6	3.0
23	15.5	29.8	21.6	73.8	18.514	16.2	0.0	0.0	0.0	6.1
24	17.0	29.6	22.0	48.1	17.533	15.8	0.7	0.0	0.7	6.5
25	17.0	29.5	22.8	73.1	20.139	17.6	0.0	0.0	0.0	4.6
26	18.0	27.2	21.7	61.5	20.629	18.1	0.0	0.0	0.0	1.7
27	18.0	30.0	23.3	65.3	17.663	15.5	0.0	0.0	0.0	6.2
28	15.6	30.0	22.2	62.4	15.732	13.8	0.0	0.0	0.0	7.4
29	16.0	30.0	23.0	64.6	17.246	15.1	0.0	0.3	0.3	8.3
30	18.0	27.5	21.5	73.0	18.066	15.8	0.0	1.2	1.2	5.7
PROM.	17.2	27.9	21.7	76.3	19.167	16.8	120.5	91.9	212.4	139.8

ESTACION: CENICAFE

MUNICIPIO: CHINCHINA

AÑO: 1.980

ALTITUD: 1.310

LATITUD: 4-59 N.

LONGITUD: 75-35 W.

60

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	16.3	30.0	22.4	68.4	17.523	15.6	0.0	0.0	0.0	7.5
2	17.1	29.3	21.7	76.4	15.315	16.9	0.0	0.0	0.0	7.8
3	17.3	27.7	21.6	78.3	15.574	17.5	0.0	0.0	0.0	5.5
4	15.9	30.4	22.9	71.8	15.142	16.2	0.0	0.0	0.0	8.7
5	17.0	31.6	23.9	66.5	18.366	16.1	0.0	0.0	0.0	10.4
6	17.0	28.6	23.1	73.5	15.545	17.4	0.0	0.0	0.0	5.1
7	15.9	29.4	21.7	79.1	15.557	17.3	0.0	0.0	0.0	2.1
8	17.6	29.4	23.0	75.7	20.644	16.2	0.0	0.0	0.0	7.5
9	17.1	28.5	20.6	90.8	21.667	16.9	0.0	0.0	0.0	2.7
10	16.9	26.4	20.2	77.8	18.355	16.2	0.5	0.0	0.5	2.1
11	16.4	27.5	21.6	72.3	18.030	15.8	0.0	0.0	0.0	5.0
12	16.5	29.3	21.9	72.5	18.260	16.0	0.0	3.7	3.7	8.8
13	17.5	28.9	22.4	73.1	15.028	16.7	0.0	0.0	0.0	7.1
14	18.3	29.7	22.5	74.5	15.838	17.4	0.0	0.0	0.0	5.8
15	16.9	27.0	21.9	81.9	20.558	16.3	0.0	0.0	0.0	5.6
16	14.6	31.3	22.5	62.1	15.573	13.5	0.0	0.0	0.0	8.8
17	17.0	29.9	22.1	71.6	18.649	16.4	0.0	0.0	0.0	5.4
18	17.7	30.8	22.6	72.0	18.552	16.6	0.0	0.0	0.0	6.9
19	17.0	30.4	23.1	68.1	18.311	16.1	0.0	0.0	0.0	7.0
20	18.0	29.0	22.0	77.6	20.072	17.5	0.0	6.0	6.0	4.4
21	18.3	29.8	23.0	78.5	21.325	16.4	4.0	0.0	4.0	5.3
22	17.2	31.1	21.6	77.3	15.267	16.9	1.3	9.1	10.4	9.0
23	18.0	26.7	21.4	81.0	20.330	17.8	0.2	52.6	52.8	5.4
24	15.6	27.8	21.3	81.4	15.602	17.3	0.7	0.0	0.7	5.0
25	17.1	26.3	20.1	82.0	15.315	16.8	0.2	0.5	0.7	3.8
26	16.4	28.8	21.8	79.7	20.113	17.5	0.0	0.0	0.0	5.7
27	17.5	28.0	21.3	82.6	20.575	16.1	1.9	6.9	8.8	4.6
28	17.6	26.8	20.1	80.1	18.506	16.6	0.4	0.0	0.4	5.1
29	15.7	29.9	21.8	71.1	17.754	15.7	0.0	0.0	0.0	9.1
30	17.2	29.9	22.5	72.1	15.110	16.7	0.0	0.0	0.0	6.9
31	18.7	27.3	22.1	79.5	20.634	18.1	0.1	5.6	5.7	3.4
PROM.	17.0	29.0	22.0	75.8	19.387	16.9	10.1	133.4	143.5	187.5

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	16.3	28.7	22.1	70.7	16.104	15.9	0.0	0.9	0.9	7.3
2	16.0	29.0	21.1	74.4	17.737	15.5	0.9	0.4	1.3	6.6
3	17.0	29.0	20.9	82.0	19.644	17.3	0.0	0.6	0.6	5.8
4	15.3	26.1	20.2	74.6	17.754	15.6	0.1	0.9	1.0	3.3
5	17.3	28.5	21.9	74.8	18.660	16.6	0.0	0.0	0.0	5.7
6	16.8	26.8	21.0	75.2	18.357	16.2	0.0	41.3	41.3	2.7
7	17.0	25.4	20.6	66.5	20.726	15.0	1.5	0.7	2.2	1.5
8	18.0	23.9	18.9	92.4	20.377	17.8	0.8	0.0	0.8	1.1
9	15.0	27.0	21.1	74.6	17.528	15.8	0.0	5.6	5.6	4.4
10	17.0	27.4	20.7	83.7	20.032	17.5	0.8	0.0	0.8	6.0
11	15.2	30.8	22.2	66.1	16.544	14.9	0.0	0.0	0.0	8.0
12	16.5	28.6	21.7	72.6	16.637	16.3	0.1	0.0	0.1	6.4
13	16.0	29.5	21.9	64.5	16.243	14.2	0.0	0.0	0.0	6.1
14	17.3	28.8	22.4	74.3	15.806	17.0	0.0	0.3	0.3	3.7
15	16.6	28.9	22.7	74.1	15.653	17.2	0.0	0.0	0.0	6.4
16	17.0	27.0	19.7	53.2	21.611	16.7	21.8	0.2	22.0	3.6
17	16.2	29.5	22.2	74.1	18.556	16.6	0.0	0.0	0.0	8.9
18	17.3	28.1	20.9	85.4	20.523	18.2	1.9	0.0	1.9	5.7
19	16.6	27.7	21.7	72.5	16.111	15.9	0.0	0.5	0.5	6.2
20	17.0	29.0	21.1	78.2	15.154	16.8	0.0	0.0	0.0	5.2
21	15.0	28.8	21.0	69.6	16.408	14.3	0.0	0.0	0.0	8.7
22	16.3	29.5	22.4	65.8	17.077	14.5	0.0	5.1	5.1	7.6
23	17.0	30.3	22.3	66.7	16.742	14.5	0.0	0.0	0.0	8.7
24	15.0	31.8	22.3	55.6	13.606	11.6	0.0	0.0	0.0	10.4
25	15.5	31.9	22.5	54.7	13.662	11.9	0.0	0.0	0.0	9.3
26	18.5	29.6	22.4	69.3	16.258	16.0	0.0	5.2	5.2	7.1
27	17.7	30.6	21.7	72.0	16.101	15.9	0.0	0.0	0.0	7.9
28	16.0	26.6	21.9	61.1	15.257	13.2	0.0	0.0	0.0	4.7
29	17.6	25.4	20.5	85.0	20.518	17.9	0.1	0.0	0.1	2.3
30	17.4	23.4	23.3	65.2	17.268	15.1	0.0	0.0	0.0	6.8
31	18.0	29.8	22.8	64.5	17.659	15.6	2.3	7.8	10.1	6.7
PROM.	16.6	28.6	21.6	73.4	18.215	15.4	30.3	68.9	99.2	164.6

ESTACION: CENICAFE

MUNICIPIO: CHINCHINA

AÑO:

1.980

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	16.0	26.5	19.6	75.0	16.506	14.8	0.5	1.1	1.6	4.6
2	15.5	27.5	19.9	74.4	16.570	14.4	2.2	0.0	2.2	5.3
3	15.4	28.4	22.0	66.9	16.552	14.5	0.0	3.2	3.2	6.2
4	17.6	28.5	21.3	73.4	16.461	16.2	0.1	35.8	35.9	5.9
5	17.3	29.8	22.0	73.5	16.765	16.4	0.0	0.1	0.1	7.0
6	17.0	29.6	23.4	49.2	16.573	16.2	0.0	0.0	0.0	8.4
7	17.0	29.4	22.5	75.1	16.768	17.3	0.0	0.0	0.0	7.2
8	17.9	30.5	23.5	71.6	20.256	17.7	0.0	66.3	66.3	7.7
9	16.4	29.7	21.0	63.7	20.769	16.1	0.1	0.0	0.1	4.8
10	15.6	29.0	21.6	66.2	16.330	14.3	0.0	0.0	0.0	8.7
11	16.4	29.6	22.5	62.0	16.064	14.0	0.0	0.0	0.0	7.3
12	18.2	29.3	22.0	70.5	16.050	16.7	0.0	0.0	0.0	4.7
13	17.0	29.0	22.2	70.2	16.351	16.2	0.0	0.0	0.0	5.5
14	17.3	26.0	21.6	82.2	20.525	18.2	0.1	33.1	33.2	1.3
15	17.2	25.7	20.6	69.0	21.660	18.7	11.7	0.0	11.7	0.0
16	15.5	27.6	20.9	78.3	16.606	16.5	0.0	15.7	15.7	4.9
17	17.0	29.8	21.6	72.1	16.053	15.8	0.0	0.0	0.0	6.6
18	16.5	29.9	19.6	79.6	16.220	16.0	35.3	0.5	35.8	4.7
19	16.3	29.6	19.2	64.0	16.704	16.4	3.0	35.6	38.6	1.8
20	14.6	27.0	19.5	83.2	16.544	16.3	0.8	1.3	2.1	5.6
21	16.4	24.0	19.3	69.7	20.271	17.7	7.9	0.0	7.9	0.2
22	16.5	26.5	20.9	76.6	16.773	16.5	0.0	0.0	0.0	1.3
23	17.0	29.5	22.5	74.6	19.782	17.3	0.0	0.0	0.0	5.9
24	16.3	29.8	22.1	73.4	16.622	16.3	0.0	0.1	0.1	7.1
25	16.5	29.2	22.5	70.6	16.385	16.1	0.0	11.0	11.0	6.1
26	17.0	27.7	21.6	79.2	16.755	17.2	0.0	0.4	0.4	7.2
27	18.0	30.6	22.3	71.2	16.525	16.6	0.0	12.0	12.0	7.1
28	16.6	26.7	20.0	65.4	16.643	17.4	0.0	0.0	0.0	4.5
29	15.9	29.1	22.1	74.5	16.751	16.5	0.0	39.8	39.8	6.8
30	16.6	28.4	20.2	63.1	16.558	17.2	28.4	11.3	39.7	7.3
PROM.	16.6	28.4	21.4	76.0	16.623	16.5	90.1	267.3	357.4	164.7

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	18.1	25.4	20.1	68.0	20.675	18.2	2.2	0.0	2.2	1.9
2	17.4	26.4	21.0	78.5	19.069	16.7	0.0	0.2	0.2	3.7
3	17.5	26.7	22.2	76.1	19.733	17.3	0.0	34.8	34.8	8.0
4	16.6	26.6	19.6	65.9	19.344	16.9	0.2	28.7	28.9	2.3
5	16.4	26.5	20.9	79.2	16.147	16.8	0.1	23.1	23.2	5.2
6	17.0	25.4	19.7	68.6	20.100	17.6	1.0	15.5	16.5	2.8
7	17.0	26.3	19.7	62.3	16.756	16.5	0.0	0.1	0.1	1.8
8	16.2	27.5	20.5	78.0	16.458	16.1	3.1	0.0	3.1	6.0
9	16.9	29.4	21.5	76.9	19.148	16.7	0.2	15.4	15.6	5.9
10	16.8	24.6	19.5	68.7	20.075	17.6	4.7	0.1	4.8	0.5
11	15.0	27.6	20.7	75.6	16.256	16.0	0.0	0.0	0.0	6.2
12	17.5	28.3	21.2	77.0	19.066	16.8	1.6	0.0	1.6	5.1
13	16.4	28.8	21.5	68.7	17.305	15.2	0.0	0.0	0.0	5.7
14	18.0	28.6	22.4	73.6	16.455	17.1	0.0	0.7	0.7	7.0
15	17.0	27.9	21.7	74.9	18.753	16.3	7.9	0.0	7.9	4.9
16	18.0	27.9	21.4	78.5	16.519	17.0	1.3	0.9	2.2	5.0
17	17.3	23.7	18.8	55.2	20.912	18.2	15.7	0.4	16.1	0.5
18	16.2	24.8	19.5	67.3	16.791	17.3	2.3	0.6	2.9	0.5
19	16.0	26.5	20.7	65.5	20.453	17.7	0.0	2.4	2.4	3.7
20	17.8	23.6	19.4	66.5	16.652	17.2	2.7	0.0	2.7	1.1
21	14.4	26.9	20.0	76.4	17.277	15.2	0.0	0.0	0.0	6.7
22	15.7	25.4	21.3	72.1	17.537	15.4	0.0	0.0	0.0	8.0
23	18.0	28.4	21.8	73.3	16.124	16.7	0.0	0.0	0.0	4.4
24	16.6	29.4	22.1	70.6	16.446	16.2	0.0	0.0	0.0	7.7
25	15.6	27.3	21.2	72.1	17.631	15.5	0.0	0.1	0.1	3.6
26	17.6	27.5	20.1	87.7	20.775	16.1	1.3	0.0	1.3	4.3
27	17.4	27.5	21.6	75.6	19.102	16.7	0.0	0.0	0.0	3.9
28	16.3	29.3	21.8	74.3	16.666	16.6	0.0	0.6	0.6	8.8
29	18.5	21.3	16.5	60.0	20.535	17.9	7.2	0.0	7.2	0.0
30	16.3	27.2	20.9	73.5	17.565	15.3	0.0	0.0	0.0	6.3
31	17.3	28.5	21.6	72.6	16.566	16.2	6.6	0.0	6.6	5.3
PROM.	16.9	27.1	20.8	79.5	16.142	16.7	58.1	123.6	181.7	137.1

ESTACION: CENICAFE

MUNICIPIO: CHINCHINA

AÑO: 1.980

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	16.0	29.8	20.6	75.7	16.007	15.8	12.3	1.2	13.5	8.5
2	16.5	27.3	20.5	79.4	16.742	16.4	0.0	11.4	11.4	2.5
3	16.5	27.4	20.1	79.3	16.486	16.2	0.4	0.0	0.4	4.0
4	15.3	27.2	20.6	80.6	16.284	16.9	2.9	5.5	8.4	2.6
5	16.7	23.5	18.9	87.2	16.208	16.9	12.3	0.0	12.3	0.0
6	16.6	25.8	19.9	83.2	16.402	16.8	1.0	0.0	1.0	1.4
7	16.0	27.3	20.3	80.2	16.444	16.6	0.7	1.9	2.6	7.0
8	16.2	25.8	19.8	83.3	16.169	16.8	0.5	0.0	0.5	5.2
9	14.0	28.3	20.2	75.4	17.179	15.1	0.0	2.4	2.4	9.7
10	16.4	29.5	22.0	68.5	17.158	14.8	0.0	0.0	0.0	6.5
11	18.0	28.6	22.0	75.2	19.747	17.2	1.1	21.1	22.2	0.2
12	18.0	24.7	19.7	86.3	15.791	17.3	3.9	1.9	5.8	3.4
13	17.0	26.6	20.7	85.3	20.600	18.0	0.2	5.7	5.9	1.9
14	16.5	24.5	20.0	81.3	18.851	16.6	0.0	5.9	5.9	5.0
15	16.5	26.4	20.7	79.2	18.525	16.5	0.0	9.4	9.4	5.9
16	17.0	26.4	20.0	84.1	19.548	17.1	0.0	0.0	0.0	9.8
17	16.3	28.8	21.5	74.6	16.455	16.2	0.0	3.1	3.1	5.1
18	16.6	27.7	20.4	78.4	18.554	16.3	11.4	0.0	11.4	7.2
19	15.5	27.4	20.5	73.9	17.419	15.3	0.0	0.0	0.0	6.1
20	16.7	28.7	20.9	72.9	17.330	15.1	0.0	0.5	0.5	3.4
21	18.2	27.2	21.0	77.6	19.037	16.7	1.3	0.0	1.3	5.1
22	16.5	27.3	20.8	75.6	18.213	16.0	0.0	0.0	0.0	1.3
23	17.4	25.5	20.9	81.6	19.652	17.4	0.0	1.9	1.9	0.6
24	17.3	24.9	20.4	85.3	20.356	17.8	0.0	0.0	0.0	9.7
25	16.6	29.3	22.0	72.7	18.354	16.0	0.0	44.3	44.3	2.9
26	16.6	26.3	21.0	77.2	18.685	16.4	0.0	0.0	0.0	5.6
27	17.2	27.5	21.9	70.6	18.152	16.0	0.0	0.0	0.0	6.2
28	17.3	28.8	22.5	68.2	18.122	16.0	0.0	0.0	0.0	2.5
29	17.6	29.8	19.9	78.3	16.374	16.2	7.0	0.0	7.0	6.2
30	15.6	28.4	20.5	74.6	17.211	15.3	0.0	0.0	0.0	
PROM.	16.6	27.1	20.7	78.3	16.711	16.4	55.0	116.2	171.2	145.6

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	16.7	25.4	19.2	84.0	15.013	16.7	8.1	0.5	8.6	2.9
2	15.7	28.2	21.5	72.4	16.027	15.9	0.0	2.4	2.4	8.2
3	17.0	28.4	20.0	78.3	16.315	16.1	17.7	0.5	18.2	6.7
4	16.0	26.4	20.5	75.2	18.270	16.0	0.0	0.0	0.0	4.4
5	17.2	27.0	21.1	72.2	17.658	15.5	0.0	0.0	0.0	5.8
6	17.0	27.5	21.5	71.7	18.247	16.1	0.0	1.7	1.7	6.4
7	15.6	28.0	21.2	69.5	17.168	15.1	0.0	0.0	0.0	7.0
8	17.7	24.5	19.5	84.2	15.531	17.1	0.1	0.9	1.0	0.0
9	16.7	26.5	21.1	76.1	18.723	16.4	0.3	0.0	0.3	4.5
10	16.4	28.3	21.6	74.5	18.566	16.3	0.0	0.0	0.0	5.6
11	16.5	27.4	21.1	71.4	17.782	15.6	0.0	0.0	0.0	5.5
12	17.3	28.0	21.4	76.2	15.658	17.1	0.0	17.4	17.4	3.0
13	16.3	25.5	20.7	78.9	18.606	16.6	0.0	0.0	0.0	7.4
14	16.0	29.0	21.4	72.0	17.600	15.8	0.0	31.2	31.2	4.8
15	17.0	25.8	20.8	78.0	18.667	16.4	0.0	1.6	1.6	4.4
16	16.0	27.6	20.0	74.5	17.113	15.0	0.0	14.5	14.5	2.8
17	17.0	24.5	19.0	90.5	19.844	17.4	0.0	0.0	0.0	6.3
18	17.0	27.7	21.1	72.6	17.548	15.2	0.0	3.5	3.5	6.9
19	17.5	28.4	21.6	75.1	19.004	16.6	0.0	3.8	3.8	8.0
20	17.0	28.8	21.7	74.4	18.613	16.3	0.0	10.1	10.1	5.4
21	17.0	26.0	20.2	82.4	19.360	17.0	7.5	0.0	7.5	6.9
22	16.3	27.4	21.5	73.4	18.166	16.0	0.0	0.0	0.0	2.0
23	16.7	26.9	21.1	72.2	17.752	15.6	0.0	6.3	6.3	3.3
24	17.0	27.0	21.7	72.3	16.120	15.9	0.0	1.1	1.1	2.8
25	16.0	25.0	19.3	85.4	15.217	16.9	5.5	0.1	5.6	4.2
26	15.8	26.8	20.6	73.3	17.157	15.0	0.0	1.7	1.7	7.7
27	16.0	27.0	20.2	70.3	15.964	13.5	0.0	11.9	11.9	6.3
28	13.4	27.0	19.2	75.5	16.042	13.9	0.6	0.1	0.7	6.2
29	15.3	26.7	20.1	73.7	16.781	14.7	0.0	3.8	3.8	1.1
30	16.5	23.5	20.5	81.8	15.548	17.1	1.4	8.1	9.5	3.2
31	17.0	26.6	20.8	80.4	15.167	16.7	0.0	3.4	3.4	
PROM.	16.5	27.0	20.7	76.3	16.258	16.0	41.2	123.7	164.9	155.0

ESTACION: CENICAFE

MUNICIPIO CHINCHINA

ARO: 1.980

ALTITUD: 1.310

LATITUD: 4-55 N.

LONGITUD: 75-35 W.

63

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto roco °C	PRECIPITACION		Brillo / solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días flujias	
ENERO	16.7	28.2	21.5	14.3	31.5	73.8	18.432	16.1	248.6	19	191.8
FEBRERO	17.4	28.7	22.1	16.0	30.9	70.7	18.103	18.8	76.7	16	181.4
MARZO	17.8	29.7	22.8	15.3	32.6	68.4	18.281	16.0	149.4	14	192.2
ABRIL	17.4	29.2	22.1	15.0	32.6	72.8	18.771	16.4	284.6	23	173.9
MAYO	17.7	28.0	21.6	15.0	32.0	77.9	19.754	17.2	286.7	26	127.1
JUNIO	17.2	27.9	21.7	15.1	31.6	76.3	19.187	16.8	212.4	19	139.8
JULIO	17.0	29.0	22.0	14.8	31.6	75.6	19.387	16.9	143.5	13	187.9
AGOSTO	16.6	28.6	21.6	15.0	31.6	73.4	18.215	15.9	99.2	17	184.8
SEPTIEMBRE	16.6	28.4	21.4	14.6	30.6	76.0	18.823	16.5	357.4	20	164.7
OCTUBRE	16.9	27.1	20.8	14.4	29.7	75.5	19.142	16.7	181.7	23	137.1
NOVIEMBRE	16.6	27.1	20.7	14.0	29.5	75.3	18.711	16.4	171.2	21	145.6
DICIEMBRE	16.5	27.0	20.7	13.4	29.0	75.3	18.258	16.0	164.9	23	155.0
PROMEDIO	17.0	28.2	21.6	14.7	31.2	74.9	18.755	16.4			
TOTAL									2376.3	234	1981.3

ESTACION: NARANJAL

MUNICIPIO: CHINCHINA

ARO: 1.580

ALTITUD: 1.370

LATITUD: 4-52 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	18.0	26.0	21.3	81.0	20.405	17.9	0.0	8.8	8.8	2.0
2	17.8	26.0	21.0	82.0	20.167	17.6	1.5	0.0	1.5	3.2
3	17.5	27.8	21.7	77.5	19.762	17.3	0.0	0.0	0.0	6.5
4	17.3	28.6	22.5	77.0	20.753	18.1	0.0	0.0	0.0	7.1
5	18.0	27.9	21.9	77.4	20.055	17.6	0.0	0.0	0.0	4.9
6	17.5	29.0	21.6	74.0	18.757	16.5	0.0	0.0	0.0	7.8
7	16.8	28.0	21.9	75.6	19.651	17.4	0.0	0.0	0.0	8.2
8	16.0	28.9	22.7	71.9	19.115	16.8	0.0	0.0	0.0	8.0
9	16.0	27.8	21.5	74.6	19.054	16.7	0.0	0.0	0.0	6.3
10	17.5	28.2	21.7	74.3	19.135	16.8	0.0	0.0	0.0	6.6
11	17.5	27.0	19.8	83.7	19.724	17.2	0.9	0.0	0.9	3.2
12	15.8	27.5	19.9	77.9	18.074	15.9	0.0	0.0	0.0	9.0
13	17.6	26.0	19.4	87.6	19.974	17.5	0.0	15.8	15.8	3.9
14	17.0	27.2	21.0	78.4	19.105	16.8	0.0	3.1	3.1	6.0
15	17.0	25.0	19.5	83.6	18.551	16.6	2.8	0.0	2.8	1.2
16	16.8	24.7	20.5	80.3	19.346	17.0	0.0	29.1	29.1	2.4
17	16.6	25.0	19.5	84.7	19.331	17.0	2.1	0.0	2.1	2.0
18	16.0	26.0	19.4	82.6	18.886	16.6	3.6	0.0	3.6	4.3
19	17.2	24.5	19.7	86.5	20.024	17.5	12.2	1.3	13.5	2.1
20	15.6	27.6	21.4	72.6	18.124	15.9	0.0	0.0	0.0	9.9
21	15.7	26.6	19.9	80.0	18.428	16.2	0.0	0.0	0.0	2.7
22	15.0	28.8	21.9	70.8	17.629	15.6	0.0	0.0	0.0	9.3
23	17.0	28.7	22.5	72.2	19.060	16.7	0.0	0.1	0.1	6.3
24	17.3	28.2	22.4	76.6	20.157	17.7	0.0	11.3	11.3	6.4
25	16.3	29.0	22.4	71.0	18.532	16.3	0.0	0.0	0.0	5.6
26	18.0	29.9	22.7	71.2	19.119	16.8	0.0	0.0	0.0	8.7
27	16.7	28.5	23.1	71.6	19.568	17.1	0.0	5.0	5.0	8.8
28	19.0	26.0	21.3	83.3	20.577	18.2	0.3	0.0	0.3	1.7
29	17.5	29.5	22.0	75.4	19.744	17.3	0.0	50.3	50.3	3.6
30	17.9	24.9	20.1	88.7	20.924	18.2	12.1	0.1	12.2	0.3
31	15.6	27.4	20.5	81.3	19.305	16.9	0.7	0.8	1.5	7.4
PROM.	16.9	27.3	21.2	78.3	19.436	17.0	36.2	125.7	161.9	169.4

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	17.5	25.0	19.8	87.1	20.053	17.6	16.9	0.0	16.9	2.5
2	17.7	27.3	21.6	76.0	19.325	16.9	0.0	3.7	3.7	5.7
3	17.6	22.4	18.9	90.6	20.165	17.6	6.9	13.1	20.0	0.3
4	16.5	24.5	19.8	79.0	18.452	16.3	0.0	0.0	0.0	1.9
5	16.8	27.5	21.2	74.1	18.108	15.9	0.0	0.6	0.6	7.6
6	18.2	26.0	20.6	83.0	20.062	17.6	8.6	0.0	8.6	2.6
7	17.1	28.4	21.9	76.1	19.416	17.0	0.0	0.0	0.0	9.1
8	17.3	27.5	22.1	72.0	18.658	16.4	0.0	1.7	1.7	7.4
9	17.8	28.0	21.7	79.5	20.204	17.7	0.0	0.0	0.0	6.8
10	17.0	28.7	22.6	73.4	19.557	17.5	0.0	0.0	0.0	8.3
11	16.2	29.0	21.8	64.6	16.018	14.0	0.0	1.6	1.6	9.7
12	17.3	29.3	22.2	71.4	18.564	16.3	0.0	0.0	0.0	8.6
13	17.4	29.5	21.3	68.5	17.171	15.1	0.0	0.0	0.0	9.1
14	17.6	29.0	23.5	67.5	18.778	16.5	0.0	0.0	0.0	7.6
15	17.6	28.5	22.8	68.7	18.676	16.4	0.0	0.0	0.0	7.0
16	18.2	25.4	21.4	79.5	19.521	17.4	0.0	12.1	12.1	1.9
17	17.3	25.8	20.8	80.1	19.377	17.0	0.4	0.0	0.4	3.7
18	17.0	28.6	21.5	74.0	18.685	16.4	0.0	0.1	0.1	5.5
19	17.7	26.5	21.3	79.5	20.056	17.6	0.0	2.3	2.3	4.0
20	17.6	27.5	21.0	78.2	19.313	16.9	0.0	0.0	0.0	5.4
21	15.6	27.5	20.2	76.2	17.645	15.7	0.5	2.9	3.4	6.2
22	17.4	26.8	21.2	75.5	18.712	16.4	0.0	0.0	0.0	6.7
23	17.0	28.6	22.7	73.9	19.536	17.1	0.0	0.0	0.0	10.8
24	15.6	29.0	22.1	71.6	18.453	16.3	0.0	0.4	0.4	9.5
25	18.5	24.5	20.6	86.2	20.570	18.3	3.7	0.0	3.7	4.9
26	18.0	24.7	21.8	76.5	19.361	17.0	0.2	4.0	4.2	5.2
27	17.2	28.3	21.8	72.2	18.119	15.9	0.0	0.0	0.0	7.9
28	18.0	29.2	22.0	70.0	18.153	16.0	0.2	0.0	0.2	9.6
29	15.7	26.0	21.0	80.5	19.465	17.0	0.0	0.1	0.1	5.0
PROM	17.3	27.3	21.4	76.1	19.032	16.7	37.4	42.6	80.0	180.2

ESTACION: NARANJAL

MUNICIPIO: CHINCHENA

AÑO:

1-980

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	16.4	29.0	22.0	68.7	17.312	15.2	0.0	0.0	0.0	9.9
2	17.5	28.6	23.0	64.3	17.736	15.6	0.0	0.6	0.6	7.6
3	17.5	29.0	21.3	75.4	18.813	16.5	0.1	0.0	0.1	6.6
4	16.6	28.3	21.4	74.5	18.550	16.3	0.0	31.3	31.3	6.7
5	17.4	26.3	21.0	79.6	19.456	17.1	3.1	0.6	3.7	5.1
6	17.3	28.4	21.7	74.1	18.699	16.4	0.0	0.0	0.0	8.2
7	17.0	28.5	22.2	72.1	18.662	16.4	0.0	0.0	0.0	8.4
8	18.5	29.0	23.2	67.4	18.465	16.2	0.0	0.0	0.0	7.8
9	17.8	29.3	23.2	70.0	19.356	17.0	0.0	2.6	2.6	7.5
10	18.0	28.6	22.6	73.9	19.626	17.2	0.0	0.0	0.0	4.2
11	17.7	28.9	22.9	72.1	19.544	17.1	0.0	0.0	0.0	5.1
12	18.4	29.2	23.2	72.5	20.278	17.8	0.0	0.1	0.1	7.3
13	18.5	29.8	22.8	75.4	20.430	17.8	0.0	0.4	0.4	4.2
14	18.5	26.0	21.5	63.1	21.266	18.5	0.3	0.0	0.3	0.0
15	17.5	27.2	21.7	77.2	19.555	17.4	0.0	0.0	0.0	2.6
16	16.7	28.2	22.2	76.5	20.344	17.8	0.3	2.4	2.7	2.9
17	16.7	28.5	22.3	77.3	20.320	17.7	0.0	20.1	20.1	1.5
18	16.0	25.7	20.3	83.0	19.601	17.2	0.0	3.5	3.5	3.4
19	17.6	26.8	20.8	62.1	19.772	17.3	6.9	11.7	18.6	4.2
20	18.0	28.8	22.0	73.3	18.861	16.6	0.0	0.0	0.0	7.7
21	14.7	29.9	21.2	70.2	17.434	15.3	0.1	0.0	0.1	5.2
22	16.7	28.5	22.1	75.9	19.738	17.3	0.0	4.6	4.6	3.2
23	17.0	28.3	22.2	76.1	19.555	17.4	0.0	0.0	0.0	5.5
24	16.6	31.2	23.3	67.4	18.414	16.2	0.0	0.4	0.4	8.2
25	19.6	25.8	21.9	79.3	20.761	18.1	0.3	0.0	0.3	1.5
26	17.0	30.6	23.3	71.4	19.564	17.1	0.0	0.0	0.0	6.2
27	17.6	31.5	24.4	69.4	20.166	17.6	0.0	0.0	0.0	6.8
28	17.0	31.0	24.4	69.6	20.666	18.0	0.0	0.0	0.0	10.2
29	17.5	31.7	23.7	70.0	19.746	17.3	0.0	13.6	13.6	8.9
30	19.0	26.3	20.2	90.3	21.577	18.7	1.9	0.1	2.0	1.1
31	16.8	30.2	23.8	66.4	18.560	16.3	0.0	0.0	0.0	8.7
PROM.	17.4	28.7	22.3	74.2	19.476	17.0	13.0	92.0	105.0	180.6

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	29.1	23.1	73.0	20.092	17.6	0.0	7.7	7.7	7.5
2	16.6	26.5	21.2	62.4	20.654	18.0	0.4	15.2	15.6	5.4
3	17.4	26.5	20.7	77.6	18.757	16.5	0.2	0.0	0.2	4.2
4	16.0	28.8	21.0	73.4	18.062	15.9	0.0	0.0	0.0	7.1
5	16.0	27.8	21.2	81.0	20.402	17.7	0.0	17.2	17.2	5.6
6	16.5	27.0	20.6	78.9	18.838	16.6	4.0	23.9	27.9	4.2
7	17.4	24.9	21.1	84.3	20.731	18.1	1.8	1.2	3.0	0.9
8	17.6	25.6	20.7	84.1	20.631	18.0	2.1	0.0	2.1	2.7
9	16.2	28.6	21.8	73.2	18.717	16.4	0.0	0.0	0.0	9.7
10	17.3	27.0	22.0	74.3	19.738	17.3	0.0	0.0	0.0	6.6
11	16.5	28.6	21.1	70.5	17.631	15.5	0.0	0.0	0.0	8.2
12	14.5	29.5	21.3	68.4	18.356	14.3	0.0	0.0	0.0	10.9
13	15.3	29.3	22.4	70.7	18.666	16.4	0.0	1.3	1.3	8.2
14	17.2	27.5	22.0	80.0	20.716	18.0	1.0	6.3	7.3	5.7
15	17.8	27.0	22.4	75.0	19.716	17.2	0.0	0.0	0.0	5.9
16	16.3	29.9	23.4	70.1	19.642	17.2	0.0	0.0	0.0	6.5
17	16.8	27.8	21.9	77.1	20.230	17.7	0.1	22.2	22.3	6.0
18	18.3	29.7	23.8	72.5	20.725	18.1	0.1	7.3	7.4	8.9
19	18.6	30.0	22.7	69.6	18.646	16.4	0.0	0.4	0.4	8.5
20	18.0	28.7	23.5	74.0	20.967	18.3	0.0	0.6	0.6	4.9
21	18.4	29.4	22.3	60.5	21.330	18.8	0.2	1.3	1.5	5.4
22	18.0	28.3	22.6	79.9	21.379	18.5	0.0	5.1	5.1	5.4
23	17.7	28.1	22.4	77.7	20.722	18.1	0.1	8.4	8.5	7.1
24	17.6	23.5	19.4	91.2	20.757	18.1	18.3	1.0	19.3	0.3
25	16.0	25.3	20.8	86.5	21.355	18.5	0.1	1.0	1.1	3.4
26	17.0	25.0	20.2	87.6	20.548	18.2	1.5	0.0	1.5	1.6
27	14.7	29.6	21.7	77.4	20.925	18.1	0.0	0.0	0.0	10.6
28	17.3	28.0	20.2	80.1	19.016	16.7	0.0	1.1	1.1	4.6
29	16.9	27.2	21.8	75.7	19.267	16.9	1.0	0.0	1.0	5.3
30	17.5	30.3	23.5	72.1	20.323	17.7	0.0	32.2	32.2	8.0
PROM.	17.0	27.8	21.8	77.3	19.682	17.4	30.9	153.4	184.3	182.2

ESTACION: NARANJAL

MUNICIPIO: CHINCHINA

AÑO:

1.980

ALTITUD: 1.370

LATITUD: 4-58 N.

LONGITUD: 75-36 W.

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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	27.2	19.7	68.7	20.671	18.0	21.9	21.5	43.4	2.9
2	16.2	27.3	20.8	79.7	15.278	16.9	0.0	0.0	0.0	5.4
3	17.5	27.0	20.8	77.1	18.650	16.6	0.0	0.0	0.0	2.7
4	15.3	30.0	21.8	71.0	18.201	16.0	0.0	0.0	0.0	7.6
5	16.8	27.6	22.5	74.9	20.206	17.6	0.0	24.2	24.2	5.5
6	16.3	26.3	21.1	82.1	20.446	17.9	0.2	0.0	0.2	4.1
7	17.0	29.5	21.3	80.8	20.554	18.0	1.0	1.4	2.4	3.3
8	19.8	24.7	20.5	65.2	20.363	17.8	0.0	0.6	0.6	1.3
9	17.9	27.0	21.7	81.7	20.640	18.1	0.4	12.6	13.0	5.7
10	16.5	26.7	20.3	80.0	15.336	17.0	1.9	0.2	2.1	5.7
11	16.6	26.5	22.5	72.5	19.568	17.2	0.0	0.0	0.0	10.9
12	17.5	26.3	23.3	74.0	21.176	18.4	0.1	29.1	29.2	8.3
13	17.6	24.0	20.5	87.6	21.250	18.5	24.6	14.7	39.3	0.0
14	17.6	24.6	20.3	65.5	20.613	18.1	12.7	7.9	20.6	0.4
15	17.2	24.5	19.9	50.1	20.627	18.2	2.9	0.0	2.9	0.6
16	15.7	28.5	21.5	81.5	20.458	17.9	5.5	0.0	5.5	7.5
17	16.6	27.4	21.2	83.7	21.452	16.6	2.6	0.3	2.9	2.3
18	17.6	24.5	19.7	53.0	21.367	18.5	1.5	6.4	7.9	1.6
19	17.6	29.2	21.6	77.4	19.626	17.2	0.1	0.0	0.1	7.0
20	17.0	29.7	21.6	77.5	19.523	17.4	0.0	0.0	0.0	7.1
21	18.0	26.8	22.1	81.1	21.431	18.6	0.0	0.5	0.5	0.4
22	18.2	27.4	22.4	78.0	20.574	18.0	0.7	3.9	4.6	5.0
23	18.2	26.5	22.1	84.8	22.273	15.2	0.0	2.5	2.5	2.4
24	18.0	27.0	21.3	83.5	21.216	18.4	0.8	2.7	3.5	3.4
25	17.6	27.0	21.1	83.6	21.120	18.4	0.4	0.1	0.5	3.6
26	18.0	26.2	20.6	84.2	20.674	18.0	1.3	0.1	1.4	0.7
27	17.2	29.0	22.9	79.3	21.551	18.7	0.0	0.0	0.0	7.7
28	18.5	28.6	22.2	76.8	20.423	17.8	0.0	2.6	2.6	8.4
29	18.7	28.5	22.5	78.1	20.820	18.1	0.0	9.4	9.4	5.8
30	18.3	27.2	21.7	80.1	20.528	17.9	0.0	0.0	0.0	4.7
31	18.5	27.0	21.7	84.2	21.706	18.8	0.0	0.5	0.5	1.6
PROM.	17.4	27.3	21.4	81.2	20.570	17.5	78.6	141.2	219.8	134.6

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	18.0	23.4	15.6	64.6	15.463	17.1	45.0	0.5	45.5	0.3
2	16.0	23.0	18.1	91.6	18.554	16.7	3.8	0.0	3.8	1.5
3	15.6	27.6	21.6	80.4	20.579	17.9	0.0	0.0	0.0	6.5
4	16.5	28.6	22.0	74.7	19.517	17.1	0.0	0.0	0.0	6.6
5	18.6	27.4	22.0	82.1	21.441	18.6	1.8	51.8	53.6	3.5
6	17.3	26.4	21.7	82.2	21.165	18.4	0.0	0.0	0.0	4.8
7	16.5	27.5	21.7	76.0	15.409	17.0	0.0	0.0	0.0	5.4
8	17.0	28.6	21.4	76.1	18.648	16.5	0.0	4.0	4.0	6.1
9	18.6	28.0	21.4	85.6	21.679	18.8	6.9	23.9	30.8	0.0
10	17.3	25.6	20.4	86.5	20.472	17.8	2.3	3.4	5.7	0.0
11	18.6	25.9	21.5	83.2	21.160	18.4	1.6	8.5	10.1	0.3
12	17.0	24.7	20.4	89.0	21.063	18.3	5.4	18.7	24.1	0.4
13	16.6	23.9	20.0	88.2	20.322	17.7	4.4	0.0	4.4	1.2
14	15.6	29.5	21.8	73.6	18.651	16.4	0.0	0.0	0.0	7.9
15	15.4	28.8	21.5	72.4	15.462	17.1	0.0	0.0	0.0	5.5
16	16.6	29.3	23.2	71.0	15.612	17.1	0.0	0.0	0.0	7.1
17	17.7	28.8	23.2	74.0	20.350	17.8	0.0	1.3	1.3	6.7
18	17.0	26.5	21.3	83.2	21.004	18.3	1.1	20.5	21.6	3.2
19	17.7	25.0	19.3	91.0	20.175	17.6	26.3	4.4	30.7	0.0
20	17.7	22.2	18.8	91.6	19.659	17.4	32.5	0.0	32.5	0.1
21	15.5	27.6	21.8	82.5	21.259	18.4	0.3	0.0	0.3	5.9
22	16.6	25.6	20.6	82.1	20.133	17.6	3.5	0.0	3.5	2.7
23	16.5	27.8	22.0	75.1	15.279	16.9	0.0	0.0	0.0	6.5
24	17.4	28.3	22.9	71.3	15.425	16.5	0.1	0.0	0.1	6.8
25	18.2	28.5	22.2	79.2	21.160	18.4	0.0	0.0	0.0	1.9
26	17.4	26.5	21.3	80.6	20.280	17.7	0.0	0.0	0.0	0.0
27	17.5	29.5	22.3	71.7	15.137	16.8	0.0	0.0	0.0	6.9
28	15.4	28.5	21.6	71.8	18.068	15.5	0.0	0.0	0.0	7.1
29	17.5	29.0	22.4	66.5	17.566	15.5	0.0	8.4	8.4	9.0
30	17.6	26.4	21.5	75.9	15.225	16.9	0.0	1.1	1.1	4.3
PROM.	17.1	27.0	21.4	79.8	19.562	17.4	135.0	146.5	281.5	124.7

ESTACION: NARANJAL

MUNICIPIO: CHINCHINA

AÑO:

1-980

ALTITUD: 1.370

LATITUD: 4-58 N.

LONGITUD: 75-36 W.

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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	28.6	21.4	75.6	16.719	16.4	0.0	0.0	0.0	8.1
2	16.5	27.4	21.6	71.5	17.650	15.8	0.0	0.0	0.0	7.5
3	17.2	27.7	21.6	75.6	19.034	16.7	0.0	0.0	0.0	7.1
4	15.0	29.3	22.1	68.1	17.657	15.5	0.0	0.0	0.0	9.7
5	16.0	30.3	23.5	60.6	16.452	14.3	0.0	0.0	0.0	11.0
6	15.5	27.6	21.2	71.0	17.461	15.4	0.0	0.0	0.0	3.2
7	15.2	28.8	22.0	70.6	18.419	16.2	0.0	0.0	0.0	7.9
8	17.5	29.0	22.9	71.5	19.677	17.2	0.4	0.5	0.9	7.7
9	17.0	25.8	20.3	83.4	19.782	17.3	0.1	5.7	5.8	3.7
10	16.8	25.6	20.2	82.5	19.703	17.3	0.0	1.7	1.7	2.6
11	16.7	26.6	21.2	76.2	18.609	16.3	0.0	0.0	0.0	6.3
12	15.5	27.7	21.6	72.6	18.058	15.9	0.0	36.7	36.7	7.4
13	16.7	27.8	21.8	78.2	19.563	17.5	0.0	0.0	0.0	6.8
14	19.0	28.0	21.3	76.0	19.672	17.3	0.0	0.0	0.0	6.6
15	17.0	25.5	20.1	80.0	19.051	16.7	0.0	0.0	0.0	5.1
16	14.5	28.2	21.3	72.3	17.691	15.5	0.0	0.0	0.0	8.2
17	16.3	28.0	21.9	74.4	19.232	16.9	0.0	0.0	0.0	6.1
18	16.2	28.4	21.8	74.8	19.277	16.9	0.0	0.0	0.0	7.5
19	16.0	28.5	22.2	73.1	19.213	16.8	0.0	11.6	11.6	6.3
20	16.3	27.2	20.7	62.0	20.132	17.6	0.1	5.3	5.4	4.6
21	17.8	28.7	22.2	76.3	20.304	17.8	0.5	1.2	1.7	5.5
22	17.5	28.9	21.0	79.3	19.450	17.1	0.0	9.4	9.4	8.8
23	17.5	26.6	21.0	83.2	20.541	17.9	1.7	46.7	48.4	5.4
24	14.8	26.6	20.0	79.5	18.336	16.1	0.0	0.0	0.0	5.9
25	16.3	26.0	19.5	84.2	19.158	16.8	0.9	0.4	1.3	4.8
26	16.3	26.8	21.3	78.8	19.427	17.0	0.0	0.0	0.0	4.9
27	17.7	26.8	21.1	82.1	20.602	18.0	0.0	27.3	27.3	5.1
28	16.2	27.9	20.9	80.4	19.312	16.8	0.0	0.0	0.0	6.0
29	15.5	28.4	21.2	71.0	17.287	15.2	0.0	0.0	0.0	9.2
30	16.5	28.5	22.2	68.9	18.131	15.9	0.0	13.5	13.5	7.9
31	17.0	26.0	20.9	80.6	19.660	17.4	0.0	16.9	16.9	3.6
PROM.	16.4	27.7	21.4	76.1	18.575	16.6	3.7	176.9	180.6	200.9

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	16.3	26.8	20.9	78.3	19.069	16.8	0.0	0.4	0.4	7.1
2	16.0	29.3	21.2	73.3	18.220	16.0	0.0	0.2	0.2	6.4
3	17.0	28.2	21.0	78.9	19.353	17.0	0.0	0.0	0.0	5.8
4	15.0	27.0	20.6	72.5	17.360	15.3	0.0	0.2	0.2	5.2
5	16.8	27.2	21.7	77.6	19.632	17.2	0.0	0.0	0.0	5.3
6	16.0	26.5	21.1	74.3	18.351	16.2	0.0	4.3	4.3	3.4
7	16.7	21.5	19.9	84.8	19.533	17.1	4.6	15.3	19.9	1.5
8	16.3	22.5	18.5	89.1	19.018	16.7	3.6	0.0	3.6	0.5
9	14.0	25.0	20.1	76.2	17.361	15.2	0.0	19.1	19.1	3.3
10	16.0	24.4	19.9	76.2	17.355	15.3	4.7	0.0	4.7	6.0
11	14.8	27.3	21.7	69.4	17.548	15.4	0.0	0.0	0.0	8.8
12	15.0	27.0	20.1	75.5	17.638	15.5	0.7	0.0	0.7	6.3
13	14.3	27.5	20.1	69.4	15.779	13.8	0.0	0.0	0.0	6.8
14	16.0	27.8	21.4	73.3	18.317	16.0	0.0	12.5	12.5	5.7
15	16.6	28.8	21.8	75.0	19.220	16.9	0.0	2.1	2.1	6.4
16	16.5	26.6	19.3	79.2	17.645	15.5	9.8	3.0	12.8	4.2
17	16.8	28.9	20.9	77.7	19.036	16.7	0.0	0.0	0.0	8.4
18	17.6	27.3	21.2	77.5	19.540	17.2	2.0	0.0	2.0	4.8
19	16.3	27.3	21.5	73.6	18.737	16.5	0.6	4.5	5.1	5.5
20	16.5	26.8	21.0	78.5	19.266	16.9	0.6	0.0	0.6	6.4
21	14.5	27.9	21.1	71.5	17.413	15.3	0.0	0.0	0.0	8.1
22	16.5	27.8	22.5	68.2	17.611	15.6	0.0	1.4	1.4	7.6
23	17.7	28.6	22.3	67.7	17.537	15.4	0.0	0.0	0.0	8.0
24	14.8	29.5	23.1	57.2	15.026	13.0	0.0	0.0	0.0	11.0
25	15.0	30.7	22.2	61.3	15.615	13.8	0.0	0.0	0.0	9.7
26	16.0	28.9	22.4	66.0	17.468	15.3	0.0	3.6	3.6	7.0
27	17.5	29.6	22.5	66.1	17.678	15.6	0.0	0.0	0.0	6.5
28	15.4	27.8	21.5	66.0	16.622	14.6	0.0	0.5	0.5	6.2
29	17.5	26.1	20.7	77.4	18.625	16.5	0.3	0.1	0.4	2.1
30	16.8	28.8	22.8	68.6	17.897	15.7	0.0	0.0	0.0	7.3
31	18.2	28.8	21.4	73.8	18.665	16.6	0.1	9.8	9.9	7.1
PROM	16.1	27.4	21.2	73.4	18.032	15.8	27.0	77.0	104.0	192.4

ESTACION: NARANJAL
 ALTITUD: 1.370

MUNICIPIO: CHINCHINA
 LATITUD: 4-58 N.

AÑO: 1.980
 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	15.6	26.6	20.2	72.6	16.570	14.9	0.9	0.5	1.4	4.9
2	15.2	27.6	19.3	76.3	17.024	14.9	3.0	0.0	3.0	6.6
3	15.5	27.8	22.0	70.4	18.180	16.0	0.0	1.0	1.0	8.2
4	17.5	28.5	21.2	75.0	18.541	16.6	0.3	46.5	46.8	6.0
5	16.5	28.3	21.2	75.7	18.380	16.1	0.0	0.1	0.1	7.0
6	16.0	28.8	23.3	70.4	19.465	17.0	0.0	0.0	0.0	7.9
7	16.8	27.7	22.1	72.6	18.563	16.7	0.0	0.0	0.0	6.5
8	17.5	29.6	23.2	69.4	19.277	16.9	0.0	37.7	37.7	7.6
9	16.3	27.5	21.0	80.0	19.768	17.3	0.0	0.0	0.0	6.6
10	15.6	28.6	22.0	71.7	18.102	15.9	0.0	0.0	0.0	7.7
11	15.9	29.6	22.5	64.4	16.771	14.7	0.0	0.0	0.0	6.9
12	17.5	28.8	22.5	69.2	18.638	16.4	0.0	0.0	0.0	5.9
13	16.0	28.8	22.0	76.3	19.609	17.3	0.0	0.0	0.0	7.0
14	17.0	26.4	21.6	78.4	20.020	17.5	0.2	8.1	8.3	4.5
15	17.6	22.3	18.8	87.8	19.180	16.8	3.2	0.0	3.2	0.1
16	14.8	26.3	20.4	76.9	18.153	16.0	0.0	17.0	17.0	4.7
17	17.3	28.4	21.0	75.3	18.588	16.3	0.0	0.0	0.0	7.2
18	16.3	28.8	19.7	75.6	17.474	15.4	29.5	1.0	30.5	5.7
19	16.0	25.1	19.9	82.3	19.311	16.9	8.5	33.8	42.3	3.0
20	14.4	26.3	20.3	73.1	18.582	14.8	0.2	15.5	15.7	6.3
21	17.6	22.8	19.8	85.5	19.555	17.1	5.3	0.0	5.3	0.7
22	16.0	26.6	21.1	75.6	18.658	16.6	0.0	0.0	0.0	2.2
23	16.6	28.4	21.8	73.9	18.574	16.7	0.0	0.0	0.0	6.1
24	15.6	28.0	21.7	67.0	17.139	15.1	0.4	0.0	0.4	7.2
25	16.4	28.8	23.1	65.5	17.765	15.6	0.0	15.3	15.3	8.0
26	16.3	27.5	20.9	77.4	18.615	16.5	0.0	0.5	0.5	5.9
27	18.6	28.3	22.3	75.2	19.560	17.5	0.0	39.1	39.1	6.0
28	17.5	26.0	19.9	79.1	18.502	16.3	0.0	0.0	0.0	3.9
29	15.5	28.0	22.3	71.9	18.775	16.4	0.0	36.4	36.4	10.5
30	17.4	28.3	20.4	78.6	18.711	16.4	1.6	18.7	20.3	7.2
PROM.	16.4	27.5	21.3	74.8	18.572	16.3	57.1	271.2	328.3	178.0

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	18.3	25.3	20.5	60.6	15.431	17.1	0.6	0.0	0.6	2.8
2	17.7	26.8	20.5	76.4	18.342	16.1	0.0	0.0	0.0	4.0
3	17.9	28.4	22.2	77.7	20.302	17.7	0.0	33.5	33.5	7.3
4	17.5	26.7	20.2	79.5	18.741	16.4	0.3	17.6	17.9	2.0
5	16.8	25.6	20.0	80.4	18.624	16.4	0.1	20.7	20.8	3.7
6	16.7	25.0	19.4	86.8	19.325	17.0	0.9	9.6	10.5	2.8
7	17.5	25.6	19.9	79.3	18.522	16.3	0.0	1.0	1.0	2.0
8	17.2	27.0	20.8	77.6	18.636	16.5	0.0	0.0	0.0	6.7
9	16.3	28.3	21.0	73.8	18.055	15.5	0.0	10.0	10.0	7.0
10	16.6	23.7	19.5	82.0	18.329	16.1	0.8	0.0	0.8	0.6
11	14.7	27.0	21.3	73.0	18.136	15.9	0.4	0.2	0.6	6.1
12	17.0	27.3	20.4	75.1	17.746	15.6	0.9	0.0	0.9	5.2
13	16.2	27.9	21.3	71.6	18.025	15.8	0.0	0.0	0.0	5.1
14	18.6	27.9	21.8	73.1	20.156	17.6	0.0	1.0	1.0	7.5
15	16.6	27.3	20.7	75.8	18.268	16.1	0.0	0.0	0.0	4.4
16	17.5	27.7	20.0	78.4	18.627	16.4	38.7	22.1	60.8	3.6
17	17.0	24.3	19.1	86.6	20.165	17.6	13.2	0.6	13.8	1.4
18	16.4	24.5	19.6	81.6	18.621	16.4	4.3	1.6	5.9	1.1
19	16.6	26.6	20.7	61.5	19.413	17.0	0.0	20.8	20.8	3.7
20	16.8	24.0	19.5	80.5	18.562	16.3	1.5	0.0	1.5	1.9
21	15.2	27.0	20.9	74.7	18.113	15.9	0.0	0.0	0.0	7.4
22	15.5	28.4	21.5	69.8	17.655	15.5	0.0	25.2	25.2	7.6
23	18.5	27.7	21.6	74.3	18.884	16.6	0.0	8.2	8.2	5.9
24	17.5	27.7	22.2	70.0	18.527	16.3	0.0	0.0	0.0	7.7
25	16.3	26.5	20.2	78.1	18.245	16.1	0.0	7.7	7.7	4.7
26	18.3	26.8	21.1	80.5	20.185	17.6	1.0	0.0	1.0	4.2
27	17.2	27.5	21.3	76.9	19.449	17.1	0.1	0.0	0.1	5.0
28	15.2	28.8	21.7	70.3	18.250	16.0	0.0	2.1	2.1	9.7
29	17.7	22.5	19.5	89.2	20.321	17.8	2.0	0.0	2.0	0.0
30	16.5	26.8	21.1	73.5	17.911	15.7	0.0	0.8	0.8	7.1
31	18.2	28.3	21.4	76.0	19.374	17.0	0.1	0.0	0.1	5.7
PROM.	17.0	26.6	20.7	77.7	18.615	16.5	74.9	182.7	257.6	143.9

ESTACION: NARANJAL

MUNICIPIO: CHINCHINA

AÑO: 1.980

ALTITUD: 1.370

LATITUD: 4-58 N.

LONGITUD: 75-36 W.

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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	29.3	21.2	74.0	18.508	16.2	16.0	4.1	20.1	9.6
2	17.0	27.3	20.3	82.2	19.375	17.0	0.0	0.0	0.0	2.1
3	16.5	27.3	20.3	73.8	17.622	15.7	0.7	0.0	0.7	4.2
4	16.2	26.5	20.0	80.4	18.691	16.6	0.0	12.6	12.6	2.0
5	17.2	24.5	19.9	84.5	19.150	16.9	28.4	0.1	28.5	0.6
6	16.4	26.6	20.2	77.8	18.344	16.1	0.0	0.0	0.0	2.6
7	16.3	27.0	20.6	77.1	18.558	16.4	0.0	4.1	4.1	6.6
8	16.0	26.2	19.5	79.6	18.016	15.8	0.8	0.0	0.8	5.3
9	15.4	27.3	20.0	71.9	16.412	14.6	0.0	0.9	0.9	9.7
10	17.2	26.8	22.4	67.6	17.565	15.4	0.0	10.1	10.1	9.6
11	17.7	27.3	21.2	61.1	20.302	17.7	6.1	5.1	11.2	6.1
12	18.6	24.0	19.6	68.3	20.265	17.7	5.7	1.1	6.8	0.0
13	17.0	25.6	20.8	77.0	18.555	16.6	7.0	4.5	11.5	3.1
14	17.0	24.8	20.4	81.5	18.848	16.6	0.0	11.4	11.4	2.3
15	16.8	26.5	20.0	80.1	18.777	16.4	0.0	22.8	23.0	6.0
16	17.6	25.5	20.1	79.9	18.644	16.4	0.0	0.0	0.0	5.3
17	16.5	28.3	22.3	69.8	18.366	16.1	0.0	0.0	0.0	9.0
18	16.0	26.2	20.6	77.2	18.760	16.5	0.0	0.0	0.0	8.7
19	15.4	27.2	21.3	73.6	18.551	16.3	0.0	0.0	0.0	8.1
20	16.5	27.7	21.7	73.0	18.512	16.6	0.0	0.0	0.0	7.2
21	17.5	26.5	21.8	82.6	21.375	16.5	0.0	0.0	0.0	3.3
22	16.6	26.7	21.0	82.8	20.335	17.7	0.0	1.7	1.7	6.3
23	16.4	25.8	20.4	87.5	20.678	18.2	0.0	0.0	0.0	1.3
24	17.7	25.3	20.9	90.5	22.050	19.0	26.3	0.0	26.3	1.4
25	16.9	23.8	22.4	75.9	20.240	17.6	0.0	64.2	64.2	6.4
26	16.6	25.4	21.0	81.8	20.155	17.6	0.0	0.0	0.0	2.2
27	16.8	28.0	22.4	83.0	22.286	19.2	1.4	0.6	2.0	4.0
28	17.6	28.0	22.2	80.1	21.079	18.3	0.0	0.0	0.0	8.4
29	18.1	25.8	20.4	87.4	21.337	18.5	7.6	0.0	7.6	2.5
30	15.6	26.7	21.4	79.8	20.104	17.6	0.0	0.0	0.0	7.7
PROM.	16.8	26.7	20.9	79.4	19.435	17.0	100.2	143.3	243.5	147.9

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	17.5	24.5	19.6	89.3	20.671	18.2	8.7	0.5	9.2	2.0
2	15.7	28.5	21.9	77.3	19.668	17.2	0.0	8.0	8.0	8.2
3	17.6	27.9	20.6	85.7	21.372	18.5	5.8	1.0	6.8	5.9
4	16.2	26.7	20.5	87.4	21.059	18.3	1.3	3.6	4.9	4.4
5	17.6	27.6	22.2	79.0	20.701	18.0	0.0	0.0	0.0	6.6
6	17.7	27.4	21.6	76.0	19.502	17.0	0.0	1.5	1.5	7.3
7	16.0	27.5	21.8	79.8	20.563	18.0	0.0	11.5	11.5	7.8
8	17.3	25.3	20.0	89.6	21.047	18.3	2.9	0.0	2.9	0.1
9	16.7	27.3	21.6	82.5	20.572	18.2	0.1	0.3	0.4	6.1
10	16.6	28.6	21.4	77.7	19.446	17.1	0.0	0.0	0.0	5.2
11	16.5	27.4	21.4	76.0	19.270	16.9	0.0	0.0	0.0	6.2
12	17.0	26.7	21.3	82.0	20.677	18.0	0.0	3.7	3.7	5.5
13	16.4	25.8	20.6	86.9	20.823	18.1	0.2	0.0	0.2	4.7
14	16.5	28.1	21.1	78.3	19.458	17.1	0.0	34.3	34.3	7.6
15	16.5	26.8	21.1	83.1	20.568	17.9	0.6	3.6	4.2	6.4
16	16.3	28.7	20.5	77.0	18.141	15.9	3.1	8.5	11.6	8.5
17	16.2	23.8	19.6	88.5	20.014	17.5	0.0	0.6	0.6	3.1
18	16.7	26.8	21.5	78.3	19.723	17.2	0.0	0.0	0.0	7.1
19	18.2	27.1	21.4	82.1	20.762	18.1	0.0	1.9	1.9	6.0
20	17.7	27.1	21.5	77.5	19.632	17.2	0.0	15.5	15.5	6.5
21	17.4	22.0	18.8	82.5	18.020	15.8	0.7	0.0	0.7	5.2
22	16.6	27.3	21.0	82.6	20.207	17.6	0.0	0.0	0.0	7.8
23	17.3	27.5	21.1	82.6	20.576	17.9	0.0	14.0	14.0	3.7
24	17.6	26.8	21.7	80.8	20.530	17.9	0.0	30.4	30.4	3.9
25	16.5	25.5	19.6	80.4	18.285	16.1	4.4	0.0	4.4	3.6
26	16.6	26.5	19.4	85.1	19.315	16.9	0.2	0.0	0.2	3.2
27	17.5	26.8	21.3	78.1	19.659	17.2	0.0	1.4	1.4	8.5
28	15.0	25.8	20.1	80.3	18.751	16.5	22.7	3.1	25.8	5.8
29	17.5	25.8	20.7	78.7	18.727	16.4	0.0	11.6	11.6	6.7
30	17.4	24.5	20.2	83.6	19.657	17.2	7.7	5.1	12.8	1.4
31	17.0	25.4	20.2	83.6	19.645	17.2	0.0	0.0	0.0	2.9
PROM.	16.9	26.6	20.8	81.7	19.530	17.4	58.4	160.1	218.5	165.9

ESTACION: NARANJAL

MUNICIPIO CHINCHINA

AÑO: 1.980

ALTITUD: 1.370

LATITUD: 4-5E N.

LONGITUD: 75-36 W.

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MESES	TEMPERATURA °C					Humedad relativa o/o	Tensión vapor mb.	Punto roció °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.9	27.3	21.2	15.0	29.9	78.3	19.436	17.0	161.9	17	169.4
FEBRERO	17.3	27.3	21.4	15.6	29.5	76.1	19.032	16.7	80.0	17	180.2
MARZO	17.4	28.7	22.3	14.7	31.7	74.2	19.476	17.0	105.0	18	180.6
ABRIL	17.0	27.8	21.8	14.5	30.3	77.3	19.882	17.4	184.3	22	182.2
MAYO	17.4	27.3	21.4	15.3	30.3	81.2	20.570	17.9	219.8	24	134.6
JUNIO	17.1	27.0	21.4	15.4	29.9	75.6	19.962	17.4	281.5	18	124.7
JULIO	16.4	27.7	21.4	14.5	30.3	76.1	18.975	16.6	180.6	13	200.9
AGOSTO	16.1	27.4	21.2	14.0	30.7	73.4	18.032	15.8	104.0	20	192.4
SEPTIEMBRE	16.4	27.5	21.3	14.4	29.6	74.8	18.572	16.3	328.3	19	178.0
OCTUBRE	17.0	26.6	20.7	14.7	28.8	77.7	18.815	16.5	257.6	25	143.9
NOVIEMBRE	16.8	26.7	20.9	15.4	29.3	75.4	19.435	17.0	243.5	18	147.9
DICIEMBRE	16.9	26.6	20.8	15.0	28.7	81.7	19.930	17.4	218.5	25	165.9
PROMEDIO	16.9	27.3	21.3	14.5	29.5	77.5	19.343	16.9			
TOTAL									2365.0	236	2000.7

ESTACION: LA FLORICA
 ALTITUD: 1.850

MUNICIPIO: PCPAYAN
 LATITUD: 2-27 N.

AÑO: 1-580
 LONGITUD: 76-35 W.

M E S - ENERC

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	23.0	18.0	62.4	17.129	15.1	0.9	0.0	0.9	0.8
2	13.5	24.8	17.7	64.3	17.371	15.3				3.4
3	14.3	24.0	18.1	65.5	17.656	15.7				3.7
4	12.0	24.3	18.6	77.7	16.738	14.7				5.9
5	11.0	24.4	17.6	72.2	14.462	12.4				4.0
6	10.0	27.3	20.3	58.5	13.389	11.3				10.9
7	13.0	25.6	18.6	76.2	16.265	14.2				6.6
8	9.5	25.8	19.0	73.5	16.310	14.2				6.8
9	11.6	25.8	19.2	61.0	17.660	15.7	0.0	0.0	0.0	7.2
10	11.6	27.5	18.2	76.7	16.162	14.1	1.0	0.0	1.0	6.4
11	12.6	24.8	18.0	60.5	16.652	14.8	0.1	0.0	0.1	7.4
12	12.6	24.4	18.2	79.6	16.551	14.5	0.0	0.6	0.6	4.6
13	12.5	23.2	18.0	64.5	17.451	15.4	0.9	0.0	0.9	3.1
14	13.6	24.3	17.7	64.1	17.047	15.0	0.0	0.9	0.9	4.0
15	15.0	24.8	17.7	60.1	16.185	14.2	0.0	40.0	40.0	3.3
16	13.9	20.8	16.8	63.6	16.068	14.1	10.0	11.0	21.0	0.3
17	14.4	22.5	17.6	65.5	17.173	15.1	0.2	0.2	0.4	4.2
18	13.6	24.3	16.1	75.6	15.533	13.9	0.0	42.0	42.0	7.7
19	13.3	23.4	16.3	63.5	15.472	13.5	0.0	0.0	0.0	4.1
20	13.5	25.3	18.4	77.3	16.271	14.1	0.0	0.0	0.0	7.8
21	14.2	24.0	17.9	64.5	17.184	15.1	0.0	0.0	0.0	2.2
22	11.0	25.8	18.8	75.3	16.044	13.5	0.0	0.0	0.0	5.5
23	13.9	25.6	19.5	60.1	17.520	15.7	0.0	0.0	0.0	7.9
24	13.5	24.0	18.2	66.4	18.051	15.6	0.0	0.0	0.0	3.3
25	14.6	26.8	18.9	69.5	15.375	13.2	0.0	0.0	0.0	10.4
26	13.5	26.8	19.1	62.6	14.052	12.0	0.0	0.0	0.0	11.1
27	12.3	17.6	18.8	74.2	16.324	14.1	0.0	0.0	0.0	3.3
28	14.5	25.3	18.7	61.1	17.436	15.3	0.1	0.5	0.6	10.1
29	14.3	25.0	19.4	60.7	17.672	15.7	0.0	11.0	11.0	5.8
30	13.8	24.3	18.2	63.5	17.440	15.4	0.9	0.0	0.9	3.7
31	11.5	25.3	17.3	61.3	15.535	13.8	0.0	72.0	72.0	9.3
PROM.	13.0	24.9	18.3	78.6	16.828	14.4				181.2

M E S - FEBREAC

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	18.3	66.1	16.134	16.0	0.6	0.8	1.4	3.0
2	15.5	23.8	18.1	67.0	16.207	16.0	0.0	0.3	0.3	2.1
3	14.6	23.0	17.7	66.5	17.705	15.6	0.1	21.0	21.1	3.2
4	14.3	23.0	17.6	65.5	17.123	15.0	0.1	0.1	0.2	1.5
5	16.0	19.8	17.1	50.3	17.653	15.7	0.2	0.1	0.3	0.1
6	14.3	24.4	18.1	68.0	16.044	15.6	0.3	2.4	2.7	2.1
7	14.9	21.8	16.2	57.2	16.269	16.1	6.8	0.0	6.8	1.1
8	13.4	25.4	17.9	62.2	17.006	14.9	6.5	0.0	6.5	6.5
9	12.5	24.8	18.4	60.1	16.745	14.6	0.6	0.0	0.6	6.3
10	13.1	25.3	18.7	77.9	16.561	14.5	0.0	0.0	0.0	6.9
11	13.4	26.4	19.3	75.5	16.550	14.4	0.0	0.0	0.0	6.3
12	12.0	26.0	18.9	71.8	15.541	13.4	0.0	0.0	0.0	10.3
13	11.6	27.0	19.1	77.6	16.750	14.5	0.0	0.0	0.0	8.4
14	10.6	26.5	18.9	72.6	15.648	13.4	0.0	0.0	0.0	10.2
15	10.5	26.2	18.4	72.6	15.375	13.0	0.1	4.3	4.4	10.1
16	14.3	24.3	17.1	69.1	17.511	15.4	20.3	0.8	21.1	2.9
17	14.3	24.2	17.9	77.9	16.076	14.1	0.9	0.2	1.1	5.6
18	12.5	23.3	17.9	61.5	16.747	14.6	0.0	0.0	0.0	3.7
19	13.2	23.8	18.1	65.5	17.663	15.5	26.8	2.7	29.5	4.3
20	14.5	21.8	16.8	66.1	16.436	14.6	34.3	2.0	36.3	2.5
21	14.5	22.8	17.0	51.6	17.570	15.8	12.7	1.5	14.2	1.9
22	14.1	24.8	18.1	64.1	17.464	15.4	27.8	0.0	27.8	3.6
23	9.8	25.6	17.2	78.1	15.455	13.4	2.6	0.0	2.6	6.6
24	12.5	25.8	17.4	79.7	15.642	13.8	17.3	0.0	17.3	2.6
25	13.6	25.3	18.0	66.0	17.656	15.6	9.0	30.9	39.9	5.6
26	15.3	23.0	18.0	51.5	19.243	16.6	2.3	11.8	14.1	3.7
27	15.2	25.6	20.2	77.6	17.900	15.8	0.0	0.0	0.0	9.3
28	13.0	23.8	17.8	78.9	16.217	14.1	0.0	0.0	0.0	6.8
29	12.4	24.1	16.7	60.2	15.462	13.5	1.3	0.9	2.2	9.5
PROM.	13.5	24.3	18.0	62.7	17.015	14.9	172.6	79.8	252.4	158.2

ESTACION: LA FLORIDA

MUNICIPIO: POPAYAN

AÑO:

1-980

ALTITUD: 1.650

LATITUD: 2-27 N.

LONGITUD: 76-35 W.

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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	10.6	24.4	17.1	73.4	14.527	12.3	33.2	3.2	36.4	5.8
2	12.5	13.8	17.8	78.3	16.157	13.0	0.2	3.2	3.4	3.7
3	13.5	25.0	17.2	82.6	16.260	14.3	3.1	1.0	4.1	2.7
4	12.5	24.0	17.8	82.3	16.673	14.8	0.3	0.0	0.3	7.6
5	13.3	24.0	17.1	80.1	16.734	13.7	24.4	21.0	45.4	4.8
6	13.2	24.6	17.1	83.3	16.808	14.4	2.3	0.0	2.3	6.8
7	10.6	25.3	19.1	76.6	16.895	14.6	0.0	0.0	0.0	8.8
8	12.0	26.5	19.0	76.1	16.465	14.6	0.0	10.0	10.0	8.9
9	12.0	25.8	18.3	77.0	16.233	14.2	0.0	0.0	0.0	3.9
10	12.0	24.3	18.7	80.6	17.100	15.0	0.0	0.0	0.0	6.4
11	12.0	23.3	18.7	71.9	15.463	13.4	0.0	0.0	0.0	6.5
12	14.0	26.8	20.1	48.3	15.446	13.4	0.0	0.0	0.0	6.9
13	14.0	26.0	20.4	72.5	17.108	15.0	0.0	0.0	0.0	6.2
14	14.0	23.0	18.4	84.9	18.344	16.1	0.0	0.0	0.0	1.8
15	14.0	25.8	18.3	81.2	17.475	15.3	0.0	0.0	0.0	0.5
16	12.0	24.3	19.0	80.4	17.721	15.6	0.0	0.0	0.0	4.3
17	14.6	25.4	20.0	79.6	18.314	16.0	0.0	0.0	0.0	3.8
18	14.5	21.8	18.2	92.1	17.382	15.2	1.5	0.0	1.5	0.7
19	12.0	25.4	17.7	83.4	16.870	14.8	2.2	0.0	2.2	7.7
20	13.0	26.8	18.4	78.7	16.802	14.7	0.0	0.0	0.0	1.3
21	13.0	26.0	18.4	78.7	16.802	14.7	0.0	0.0	0.0	2.0
22	14.5	24.0	18.2	81.8	16.325	14.2	0.0	0.0	0.0	2.5
23	14.0	24.0	18.2	81.8	17.367	15.3	0.0	0.0	0.0	2.5
24	13.6	25.8	19.0	81.7	17.549	15.8	0.0	0.0	0.0	6.9
25	14.8	28.3	21.2	63.1	15.248	13.4	0.0	0.0	0.0	8.5
26	14.8	28.3	20.3	65.1	15.248	13.3	0.0	0.0	0.0	2.3
27	14.3	26.8	20.0	69.6	16.363	14.3	0.0	0.0	0.0	1.7
28	16.4	27.8	20.6	67.5	15.542	13.9	0.0	0.0	0.0	7.6
29	16.6	27.8	21.9	63.8	16.189	14.2	0.0	0.0	0.0	7.2
30	17.5	26.4	20.6	68.8	16.556	15.0	0.0	0.0	0.0	5.2
31	14.3	25.4	19.2	82.0	18.302	16.0	0.0	0.0	0.0	3.1
31	14.8	28.7	20.2	75.6	17.706	15.6	0.0	0.0	0.0	7.0
PROM.	13.6	25.6	18.9	76.7	16.666	14.6	78.0	40.8	118.8	155.8

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	13.4	27.7	18.0	76.9	16.853	14.8	0.0	0.0	0.0	7.7
2	14.5	21.8	17.6	89.1	18.150	18.9	6.2	0.0	6.2	0.8
3	15.0	23.0	17.6	92.7	16.744	16.4	4.1	0.1	4.2	1.6
4	14.4	24.0	18.4	88.2	17.537	15.8	0.5	11.4	11.9	1.3
5	13.6	23.8	18.7	80.8	17.427	15.3	2.2	0.0	2.2	4.4
6	13.5	23.0	17.4	86.6	17.846	15.6	0.4	0.0	0.4	1.4
7	12.5	23.2	17.6	85.7	17.412	15.2	12.9	0.0	13.0	4.1
8	14.4	24.4	18.7	87.8	16.757	16.5	0.0	0.0	0.0	4.1
9	14.2	24.3	17.8	86.7	16.018	15.6	27.5	0.0	27.5	4.4
10	14.5	23.4	18.2	82.0	16.527	14.9	0.8	0.0	0.8	3.5
11	14.5	25.2	18.0	80.7	16.750	14.8	0.4	0.0	0.4	6.2
12	12.0	26.4	15.5	62.4	13.846	11.7	0.0	0.0	0.0	6.5
13	13.5	26.2	18.3	72.8	15.521	13.8	0.0	0.0	0.0	6.2
14	13.3	23.8	16.9	94.7	18.623	16.2	1.8	0.0	1.8	3.6
15	12.6	26.1	18.9	73.7	16.188	14.1	0.0	2.9	2.9	4.6
16	12.8	25.8	18.8	64.6	14.218	12.2	0.0	0.0	0.0	6.1
17	14.2	26.9	20.3	67.2	15.754	13.2	0.0	0.0	0.0	7.7
18	14.5	25.1	20.1	63.4	14.653	12.8	0.0	0.0	0.0	5.5
19	16.6	26.0	21.2	64.7	16.251	14.5	0.0	0.0	0.0	5.5
20	13.5	26.2	19.0	75.2	16.218	14.5	0.0	0.0	0.0	5.7
21	14.2	26.5	19.8	78.4	16.631	14.6	0.0	0.0	0.0	7.6
22	14.5	24.3	19.1	87.6	18.057	15.5	5.0	0.0	5.0	2.4
23	13.5	25.0	19.0	82.7	19.223	17.1	1.9	0.0	1.9	3.8
24	14.5	24.0	18.7	86.7	18.453	16.3	1.3	0.0	1.3	5.0
25	14.9	25.0	18.7	86.7	18.774	16.8	0.8	3.8	4.6	2.4
26	15.3	23.1	18.7	84.3	18.547	16.3	0.8	1.1	1.9	4.6
27	10.5	27.1	17.3	69.8	18.024	15.9	0.0	0.0	0.0	2.4
28	13.1	27.3	18.6	65.8	14.718	12.5	0.0	0.0	0.0	6.3
29	13.5	24.4	18.4	79.9	17.438	15.3	1.3	0.0	1.3	4.6
30	13.4	25.0	18.5	84.8	18.256	16.3	2.9	0.0	2.9	4.6
30	13.4	25.0	18.5	84.8	18.001	15.7	0.0	0.9	0.9	3.4
PROM.	13.8	25.0	18.7	79.6	17.245	15.1	91.9	20.7	112.6	140.5

ESTACION: LA FLORIDA
 ALTITUD: 1-820

MUNICIPIO: MCPAYAN
 LATITUD: 2-27 N.

AÑO: 1-980
 LONGITUD: 76-35 W.

M E S - M A Y O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mh.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	23.6	18.3	89.0	16.050	16.8	7.7	19.3	27.0	1.6
2	14.2	24.4	18.1	83.2	17.143	18.1	1.7	0.0	1.7	5.1
3	12.8	25.4	18.3	86.4	16.614	16.4	5.3	0.0	5.3	6.2
4	13.6	26.8	19.4	69.8	15.164	13.2	0.0	0.0	0.0	2.7
5	13.4	25.1	19.2	72.3	16.010	14.0	0.0	0.0	0.0	3.4
6	13.4	23.0	17.2	96.9	19.453	17.0	9.2	2.8	12.0	4.1
7	14.1	25.4	18.4	64.6	18.401	14.2	0.0	0.0	0.0	5.3
8	14.1	23.0	18.6	90.2	17.822	13.6	1.3	0.0	1.3	2.2
9	12.0	25.6	18.6	82.7	17.629	13.5	0.4	0.0	0.4	6.5
10	13.5	24.9	19.8	79.8	18.349	16.1	0.3	0.0	0.3	6.3
11	14.5	24.5	20.5	66.4	15.509	13.5	0.0	0.0	0.0	8.7
12	13.5	25.8	19.1	79.8	17.742	13.6	13.9	0.0	13.9	3.3
13	14.0	23.3	18.5	68.8	18.574	16.7	0.0	0.0	0.0	0.3
14	14.0	24.1	18.4	86.8	18.368	16.1	12.2	0.0	12.2	2.2
15	13.0	23.3	17.7	87.8	17.555	13.8	0.0	0.0	0.0	4.5
16	12.4	24.4	19.0	79.7	17.350	13.2	17.1	0.0	17.1	6.5
17	12.6	24.4	18.5	84.2	19.041	16.4	3.0	0.0	3.0	6.2
18	15.0	24.4	18.5	87.7	18.669	16.4	0.0	0.0	0.0	1.6
19	14.5	25.8	19.7	84.8	19.346	16.9	0.0	0.0	0.0	5.2
20	14.0	26.4	20.2	78.7	18.458	14.2	0.0	0.0	0.0	6.4
21	16.0	25.4	19.1	87.3	19.440	17.1	0.0	0.0	0.0	3.3
22	14.0	26.3	19.0	76.6	16.319	14.1	0.0	0.0	0.0	3.9
23	14.5	24.8	17.9	74.1	15.556	13.6	0.0	0.0	0.0	5.8
24	14.0	23.3	18.8	84.3	18.319	16.1	0.3	0.0	0.3	1.7
25	12.8	25.6	18.5	82.0	17.492	13.4	0.4	0.0	0.4	5.4
26	15.0	24.3	18.8	85.2	18.476	16.3	0.0	0.0	0.0	0.8
27	14.0	27.8	19.2	72.9	16.075	14.1	0.0	0.0	0.0	5.2
28	14.5	25.8	20.0	75.9	17.894	15.7	0.0	0.0	0.0	8.1
29	13.0	25.4	20.3	77.7	18.478	16.1	0.3	0.0	0.3	9.6
30	14.0	22.0	17.3	89.6	17.942	13.8	13.0	0.0	13.0	4.7
31	13.0	22.0	17.2	86.8	17.303	13.1	1.0	0.0	1.0	4.6
PROM.	13.8	25.0	18.8	82.4	17.624	16.6	69.7	22.6	112.3	144.7

M E S - J U N I O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mh.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	23.0	18.8	92.5	17.980	13.8	0.8	2.1	2.9	2.4
2	14.0	20.8	17.1	85.8	17.405	13.3	0.7	0.0	0.7	2.0
3	13.5	25.0	19.0	75.1	17.076	13.0	0.0	0.0	0.0	2.8
4	14.1	24.8	18.4	80.8	17.893	13.2	0.3	0.0	0.3	6.5
5	13.5	24.4	17.4	88.6	17.794	13.6	3.9	0.0	3.9	5.4
6	12.5	25.8	18.3	80.8	16.877	14.8	0.0	0.1	0.1	4.5
7	14.1	26.0	19.9	63.0	14.435	12.4	0.0	0.0	0.0	7.0
8	14.5	25.9	20.3	75.3	17.679	13.5	0.0	0.0	0.0	8.4
9	14.2	24.3	18.3	85.5	19.236	14.8	0.1	0.0	0.1	3.3
10	14.5	23.8	17.6	53.5	19.088	16.6	28.8	8.9	37.7	2.9
11	15.6	22.3	17.6	54.6	16.200	16.9	12.8	0.1	12.9	2.1
12	14.7	21.4	17.8	90.3	16.558	14.3	20.0	62.7	82.7	0.6
13	14.1	22.6	17.4	90.4	17.708	13.5	0.4	0.0	0.4	2.8
14	13.1	26.4	20.3	89.5	13.025	10.7	0.0	0.0	0.0	10.6
15	16.3	27.3	21.0	66.7	13.564	11.9	0.0	0.0	0.0	9.9
16	14.3	26.8	20.8	88.2	14.658	12.6	0.0	0.0	0.0	6.6
17	13.5	23.3	19.3	74.4	16.753	14.6	0.0	0.0	0.0	8.5
18	14.5	24.8	18.6	80.1	17.574	13.7	0.0	0.0	0.0	8.3
19	13.4	24.2	18.3	79.5	17.482	13.3	0.0	0.0	0.0	7.5
20	14.2	24.3	18.5	83.0	17.565	13.4	0.0	0.0	0.0	1.4
21	11.8	24.9	18.6	75.3	14.389	14.1	0.0	0.0	0.0	10.0
22	12.4	26.0	19.4	62.3	13.838	11.8	0.0	0.0	0.0	5.3
23	12.8	26.7	19.3	71.8	15.648	13.7	0.0	0.0	0.0	5.2
24	12.5	25.4	18.3	75.9	17.189	13.1	0.0	0.0	0.0	7.2
25	13.6	25.8	18.8	81.4	18.090	13.9	0.0	0.0	0.0	3.5
26	14.1	24.4	18.8	85.6	18.832	16.5	0.1	0.0	0.1	7.0
27	15.5	23.8	20.4	59.7	14.401	12.3	0.0	0.0	0.0	9.9
28	13.2	24.8	19.1	56.6	12.642	10.4	0.0	0.0	0.0	11.2
29	13.5	25.8	19.3	60.0	13.637	11.6	0.0	0.0	0.0	10.0
30	13.5	24.8	17.6	81.2	16.541	14.5	13.5	0.0	13.5	4.4
PROM.	13.9	24.9	18.9	76.7	16.633	14.5	81.4	73.9	155.3	187.3

ESTACION: LA FLORIDA
 ALTITUD: 1.880

MUNICIPIO: POPAYAN
 LATITUD: 2-27 N.

AÑO: 1.980
 LONGITUD: 76-38 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	12.6	24.8	18.5	72.1	15.451	13.4	0.0	0.0	0.0	6.9
2	13.0	26.3	19.5	69.2	15.412	13.4	0.0	0.0	0.0	7.6
3	11.8	27.2	19.6	63.3	14.330	12.3	0.0	0.0	0.0	9.7
4	12.5	27.8	19.9	65.1	15.084	13.1	0.0	0.0	0.0	11.1
5	12.5	25.6	20.7	67.6	14.041	12.0	0.0	0.0	0.0	6.0
6	14.5	25.3	19.5	59.1	13.558	11.5	0.0	0.0	0.0	8.7
7	13.5	24.8	18.4	71.0	15.139	13.2	0.0	0.0	0.0	4.3
8	12.3	25.9	20.0	65.5	14.554	13.0	0.0	0.0	0.0	8.7
9	12.5	24.8	18.4	63.4	17.436	15.3	0.0	13.6	13.6	4.0
10	14.0	23.8	18.4	63.4	17.556	15.4	0.0	0.0	0.0	7.1
11	12.3	23.3	16.7	83.8	16.057	14.1	0.0	0.0	0.0	4.2
12	14.1	27.5	18.5	70.0	14.651	12.6	0.0	0.0	0.0	7.4
13	12.5	24.0	17.9	77.9	16.018	14.0	0.0	0.0	0.0	6.6
14	12.4	25.0	18.8	75.1	16.033	14.0	0.0	0.0	0.0	6.4
15	12.8	25.7	20.6	59.4	13.746	11.7	0.0	0.0	0.0	8.1
16	12.4	24.0	18.1	79.4	16.469	14.4	0.0	0.0	0.0	7.9
17	12.4	25.8	18.5	64.1	13.550	11.4	0.0	0.0	0.0	8.1
18	13.3	25.8	18.3	66.3	13.602	11.5	0.0	0.0	0.0	4.0
19	14.5	28.4	19.0	66.3	15.238	13.2	0.0	0.0	0.0	4.0
20	14.5	24.4	19.8	76.3	17.716	15.6	0.0	0.0	0.0	1.2
21	13.5	23.0	18.2	79.3	16.353	14.3	0.0	0.0	0.0	2.3
22	12.5	24.4	18.9	76.1	16.410	14.4	0.0	0.0	0.0	4.3
23	13.5	23.3	17.8	91.7	18.735	16.4	0.0	0.0	0.0	3.8
24	11.0	24.0	16.7	85.4	16.363	14.4	0.0	0.0	0.0	3.8
25	10.4	25.0	18.8	78.5	17.039	14.9	0.0	0.0	0.0	3.7
26	13.5	25.8	19.5	77.7	17.364	15.3	0.0	0.0	0.0	3.7
27	13.5	24.8	17.3	82.4	16.705	14.6	0.0	0.0	0.0	8.8
28	13.3	25.8	18.5	75.4	18.870	13.9	0.0	0.0	0.0	5.8
29	11.5	25.8	18.3	77.0	16.265	14.2	0.0	0.0	0.0	7.9
30	12.5	25.8	18.8	69.7	15.329	13.3	0.0	0.0	0.0	4.4
31	13.3	25.0	18.9	70.1	14.961	12.9	0.0	0.0	0.0	
PROM.	12.9	25.2	18.7	73.4	15.735	13.7	10.2	15.3	25.5	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	13.5	25.1	18.8	64.5	13.811	11.8	0.0	0.0	0.0	4.9
2	13.0	27.3	19.6	70.1	15.743	13.7	0.0	0.0	0.0	7.3
3	12.5	26.8	19.2	68.8	15.497	13.3	0.0	0.0	0.0	7.3
4	13.0	25.8	18.3	82.7	17.187	15.0	0.0	0.0	0.0	4.1
5	14.5	26.4	18.4	79.2	16.636	14.6	0.0	0.0	0.0	4.2
6	12.9	24.8	18.5	80.1	17.167	15.0	0.0	0.0	0.0	4.7
7	14.0	23.0	17.5	85.2	17.476	15.3	10.0	0.0	10.0	0.7
8	14.5	23.0	17.5	90.3	18.355	16.0	0.0	0.0	0.0	4.5
9	14.5	23.0	17.9	85.0	17.522	15.8	0.0	0.0	0.0	2.6
10	11.0	27.3	18.8	54.9	11.460	8.9	0.0	0.0	0.0	10.2
11	10.0	25.9	20.0	53.8	12.186	6.5	0.0	0.0	0.0	7.0
12	14.3	25.6	20.3	64.9	15.146	13.1	0.0	0.0	0.0	5.5
13	12.2	29.0	20.8	64.6	15.451	13.4	0.0	0.0	0.0	5.7
14	14.0	25.9	19.2	82.1	18.352	16.2	0.0	0.0	0.0	4.6
15	13.6	25.8	19.6	75.1	16.872	14.8	0.0	0.0	0.0	6.7
16	12.4	25.8	18.7	74.8	15.241	13.8	0.0	0.0	0.0	6.5
17	12.5	25.8	20.2	73.1	16.473	14.6	0.0	0.0	0.0	6.5
18	12.0	27.5	18.0	77.7	15.420	13.4	0.0	0.0	0.0	3.1
19	12.0	25.0	18.4	77.5	16.372	14.3	0.0	0.0	0.0	3.1
20	13.5	25.1	17.9	66.5	13.873	11.7	0.0	0.0	0.0	8.5
21	12.0	26.3	20.5	65.4	14.618	12.6	0.0	0.0	0.0	4.7
22	10.4	26.0	19.6	61.1	13.537	11.4	0.0	0.0	0.0	8.7
23	12.8	27.6	18.6	62.6	13.073	10.9	0.0	0.0	0.0	8.0
24	12.5	27.6	21.4	45.2	11.280	8.7	0.0	0.0	0.0	11.3
25	13.4	27.6	20.7	54.7	13.702	11.7	0.0	0.0	0.0	12.2
26	12.9	25.0	19.9	72.4	16.553	14.6	0.0	0.0	0.0	8.6
27	13.0	25.8	19.9	80.2	13.554	11.5	0.0	0.0	0.0	6.8
28	13.3	26.8	19.8	67.1	14.323	12.3	0.0	0.0	0.0	6.7
29	12.3	25.0	18.4	67.5	14.574	12.2	0.0	0.0	0.0	3.7
30	12.5	25.4	18.6	65.4	13.874	11.1	0.0	0.0	0.0	4.1
31	12.5	24.2	19.2	72.7	16.484	14.2	1.8	0.0	1.8	6.7
PROM	12.8	25.9	19.2	69.7	15.226	13.1	18.7	8.3	27.0	191.2

ESTACION: LA FLORIDA
 ALTITUD: 1.820

MUNICIPIO: MCPAYAN
 LATITUD: 8-27 N.

ARO: 1.980
 LONGITUD: 76-36 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	11.6	25.7	18.7	80.6	17.170	15.1	0.0	0.0	0.0	4.9
2	12.3	25.8	18.9	80.3	17.354	15.3	0.0	0.0	0.0	3.9
3	11.4	27.3	20.0	79.9	16.209	14.1	0.0	0.0	0.0	6.6
4	12.4	26.8	19.2	72.7	16.224	14.1	0.0	0.0	0.0	5.7
5	12.5	25.3	19.2	75.4	16.656	14.6	0.0	0.0	0.0	3.2
6	13.4	27.9	20.1	56.7	13.227	11.1	0.0	0.0	0.0	6.9
7	13.0	25.8	20.4	60.1	14.441	12.4	0.0	0.0	0.0	5.8
8	14.5	26.9	20.9	59.5	14.831	12.8	0.0	0.1	0.1	5.8
9	14.0	26.8	15.9	64.8	14.793	12.8	0.0	0.0	0.0	4.2
10	13.0	26.5	15.9	51.1	12.108	9.8	0.0	0.0	0.0	7.4
11	13.5	26.5	16.7	66.4	14.472	12.8	0.0	0.0	0.0	6.0
12	13.8	25.8	15.3	48.4	13.436	11.8	0.0	0.0	0.0	7.1
13	12.5	26.0	18.9	68.7	14.161	12.2	0.0	0.0	0.0	7.8
14	14.4	26.0	19.1	60.5	17.565	15.8	1.0	0.0	1.0	4.9
15	13.4	24.0	17.8	82.9	16.804	14.7	15.8	1.1	16.9	2.7
16	14.5	24.1	17.4	84.2	16.935	14.9	0.0	0.0	0.0	3.0
17	12.0	23.4	19.1	62.2	13.611	11.8	0.0	0.0	0.0	6.2
18	13.5	23.3	16.6	88.8	17.310	15.2	16.1	0.0	16.1	1.5
19	12.6	20.8	15.4	74.7	16.717	14.7	32.2	0.0	32.2	0.8
20	13.6	24.3	18.1	68.4	16.677	14.6	0.0	0.0	0.0	6.3
21	12.5	23.8	17.7	81.0	16.814	14.2	0.0	0.0	0.0	2.3
22	13.5	22.8	18.1	71.3	16.208	14.2	0.0	0.0	0.0	3.3
23	14.5	25.4	19.1	67.8	15.403	13.3	0.0	0.0	0.0	3.0
24	14.0	25.8	18.7	76.5	15.963	13.6	0.0	0.0	0.0	4.3
25	13.0	27.3	20.1	76.5	17.288	15.3	0.0	0.0	0.0	7.7
26	13.5	23.4	19.0	79.8	16.389	14.2	0.0	0.0	0.0	9.0
27	14.0	23.8	18.8	86.4	17.418	15.8	0.4	0.0	0.4	5.0
28	15.0	23.0	17.4	77.8	16.137	14.1	0.4	12.6	13.0	0.9
29	13.6	25.0	18.4	84.8	16.137	14.1	0.4	12.7	13.1	2.1
30	15.0	22.4	17.4	84.8	16.376	14.6	28.0	0.0	28.0	0.4
PROM.	13.4	25.2	18.8	73.8	15.904	13.8	114.8	30.3	145.1	141.0

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	12.4	24.9	18.4	89.1	16.487	14.8	11.0	1.8	12.8	8.8
2	14.6	23.3	18.6	89.4	17.340	15.8	0.0	0.0	0.0	4.0
3	12.0	24.8	18.2	89.2	16.736	14.7	0.6	0.0	0.6	6.0
4	14.0	22.8	17.8	84.0	17.418	15.3	2.9	0.0	2.9	2.1
5	13.5	23.3	17.8	84.7	16.973	14.9	7.9	0.0	7.9	2.8
6	14.0	20.3	16.8	87.4	16.482	14.8	0.4	37.8	38.2	1.1
7	12.6	22.3	18.8	88.8	15.442	13.8	0.4	11.8	12.2	1.1
8	12.5	23.0	18.3	94.9	16.394	14.4	12.8	0.0	12.8	2.0
9	14.0	25.0	18.3	81.8	17.330	15.2	7.8	0.0	7.8	0.8
10	13.8	19.4	18.0	93.4	16.309	14.2	7.7	0.0	7.7	7.1
11	10.8	28.0	17.6	74.7	15.498	13.8	4.7	0.0	4.7	0.8
12	13.4	24.0	18.7	80.3	17.325	15.1	0.0	0.0	0.0	7.0
13	12.6	25.3	18.4	75.8	16.357	14.3	1.1	0.0	1.1	6.7
14	12.3	25.0	17.4	83.3	15.374	14.4	0.0	0.0	0.0	5.2
15	12.4	22.4	17.2	79.0	15.797	13.8	0.0	0.0	0.0	3.4
16	13.0	23.8	17.8	76.8	15.618	13.7	0.0	0.0	0.0	2.4
17	13.5	23.0	17.4	86.4	17.324	15.2	29.0	0.0	29.0	0.7
18	14.3	20.0	16.8	47.7	16.652	14.7	1.9	3.0	4.9	1.1
19	12.4	25.0	18.9	77.2	16.658	14.7	0.0	0.0	0.0	4.8
20	11.5	25.0	18.6	89.6	16.852	14.7	8.4	0.0	8.4	4.8
21	11.8	25.0	18.6	77.1	16.422	14.4	0.0	0.0	0.0	7.0
22	11.5	25.0	18.6	73.0	16.117	13.9	0.0	0.0	0.0	6.6
23	14.0	24.0	18.1	99.4	16.774	14.8	0.0	0.0	0.0	1.5
24	14.0	25.0	17.0	82.1	16.017	14.0	0.0	0.0	0.0	1.0
25	12.0	24.8	18.3	78.2	16.428	14.3	0.3	0.0	0.3	6.6
26	14.8	24.8	17.6	90.4	16.631	16.4	11.9	0.0	11.9	6.0
27	13.8	25.0	18.5	79.0	16.220	14.7	0.0	0.0	0.0	2.1
28	14.5	26.8	19.3	80.4	16.188	16.0	1.7	0.0	1.7	6.3
29	14.4	23.0	17.3	89.0	17.223	15.6	2.3	0.0	2.3	6.6
30	13.3	25.0	18.9	78.1	16.481	14.4	3.6	0.0	3.6	6.6
31	13.0	25.2	19.1	76.3	16.242	14.7	1.4	0.0	1.4	6.6
PROM.	13.2	23.6	17.7	82.3	16.748	14.7	120.7	53.7	174.4	128.8

ESTACION: LA FLORIDA
 ALTITUD: 1.850

MUNICIPIO: FOFAVAN
 LATITUD: 2-27 N.

ARO: 1.980
 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	13.6	26.3	17.8	75.6	15.755	13.2	35.5	0.1	35.6	6.2
2	13.0	22.3	16.7	82.7	16.255	14.2	14.8	0.0	14.8	
3	10.5	23.4	16.0	82.4	15.285	13.3	44.4	9.5	53.9	
4	13.0	14.1	16.1	77.8	16.458	14.4	0.0	8.5	8.5	
5	14.1	21.8	16.8	86.2	16.757	14.7	1.8	0.8	2.6	
6	14.0	22.0	16.0	91.2	16.766	14.8	1.7	6.5	8.2	
7	14.3	24.0	17.1	82.1	15.822	13.5	0.0	0.0	0.0	
8	11.0	25.3	17.5	72.5	14.038	11.9	0.0	0.0	0.0	
9	10.3	25.8	16.3	61.5	13.050	10.7	0.0	0.0	0.0	
10	11.8	25.8	19.6	70.3	15.531	13.9	0.0	0.0	0.0	
11	12.6	25.0	18.6	70.7	15.428	13.4	0.0	0.0	0.0	
12	14.4	23.6	17.4	84.7	17.040	15.0	0.0	0.0	0.0	
13	11.6	23.6	17.4	82.0	16.252	14.1	30.5	23.3	53.8	
14	13.6	20.4	16.1	91.7	17.050	15.0	30.3	0.0	30.3	
15	13.5	20.3	16.4	94.7	17.863	15.8	2.3	0.1	2.4	
16	13.3	22.0	17.6	86.5	17.514	15.4	6.5	4.0	4.5	
17	13.5	23.6	17.1	75.6	15.653	13.1	0.7	0.0	0.7	
18	11.6	23.3	15.7	78.4	14.161	12.1	6.4	0.0	6.4	
19	10.5	23.8	17.3	75.0	14.553	12.5	2.6	0.3	2.9	
20	11.8	23.7	17.7	77.5	15.738	13.7	0.0	0.1	0.1	
21	13.8	23.6	16.0	79.9	16.622	14.6	7.0	0.0	7.0	
22	13.3	23.3	19.1	77.6	17.505	15.4	0.0	0.0	0.0	
23	14.4	20.8	17.2	65.2	17.465	15.3	15.8	0.0	15.8	
24	12.3	22.6	17.3	79.0	15.678	13.2	1.1	0.0	1.1	
25	12.1	25.9	18.6	75.7	16.612	14.4	9.4	0.0	9.4	
26	13.3	25.1	17.8	75.8	15.678	13.2	4.9	0.0	4.9	
27	14.4	23.8	18.1	83.1	17.474	15.4	0.3	0.0	0.3	
28	13.3	25.3	16.5	79.5	17.215	15.1	0.0	0.0	0.0	
29	13.0	22.8	17.4	84.3	16.684	14.8	2.9	0.1	3.0	
30	12.9	22.0	17.2	90.3	17.627	15.7	0.0	0.0	0.0	
PROM.	12.8	23.5	17.5	80.4	16.223	14.1	187.1	53.3	240.4	

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	13.5	23.2	17.5	83.1	16.578	14.5	4.7	0.0	4.7	2.1
2	11.5	25.0	19.4	72.4	16.307	14.2	0.0	0.0	0.0	6.3
3	13.8	26.1	17.4	79.8	16.171	14.2	58.7	0.0	58.7	5.6
4	13.0	14.3	16.1	76.5	16.061	14.0	0.1	0.0	0.1	6.1
5	12.8	22.8	18.0	79.5	16.402	14.4	0.0	0.0	0.0	4.8
6	14.5	26.4	18.7	74.8	16.355	14.4	10.4	0.9	11.3	8.2
7	14.3	22.3	17.2	83.8	16.733	14.7	0.0	0.0	0.0	1.4
8	12.0	23.8	18.0	79.8	17.125	15.1	2.8	0.1	2.9	3.4
9	12.6	22.8	16.8	86.4	16.815	14.8	2.7	0.0	2.7	4.0
10	12.8	24.3	17.5	77.5	15.526	13.8	5.9	0.0	5.9	5.7
11	10.5	25.3	17.8	72.4	14.556	12.5	0.0	0.0	0.0	5.7
12	12.5	24.6	18.6	75.7	16.492	14.2	3.2	0.9	4.1	6.2
13	13.1	23.6	17.8	78.1	15.569	13.5	0.0	0.0	0.0	6.5
14	12.8	25.0	18.8	72.7	16.506	14.4	13.5	0.0	13.5	6.1
15	12.6	24.4	18.1	76.7	16.120	14.1	23.3	0.3	23.6	4.8
16	13.8	15.2	16.7	79.5	17.363	15.3	16.2	9.5	25.7	5.4
17	15.3	19.8	16.4	69.5	16.615	14.8	7.5	0.0	7.5	0.1
18	12.3	23.8	17.7	74.8	15.223	13.0	0.2	0.0	0.2	6.4
19	13.5	23.8	17.6	81.0	16.210	14.2	0.7	2.0	2.7	3.8
20	13.8	20.8	14.7	50.1	17.166	15.1	10.1	0.0	10.1	0.0
21	12.8	24.0	18.2	76.7	16.256	14.3	12.6	0.0	12.6	5.1
22	14.3	25.0	17.2	77.7	15.068	13.0	8.1	0.0	8.1	3.2
23	11.5	23.8	15.0	75.6	16.857	14.8	0.0	0.0	0.0	5.0
24	13.5	25.3	15.1	72.4	16.343	14.3	0.0	0.0	0.0	7.0
25	11.5	22.0	16.7	66.5	16.672	14.8	22.5	0.0	22.5	2.2
26	11.6	23.0	17.8	75.5	15.612	13.6	0.5	6.3	6.8	4.2
27	13.6	24.0	17.6	79.3	16.103	14.1	1.9	4.4	6.3	6.3
28	12.5	22.0	16.0	63.6	15.282	13.3	2.7	0.1	2.8	5.5
29	10.5	25.6	16.1	72.1	14.623	12.5	0.0	0.0	0.0	9.2
30	13.5	23.0	16.4	79.8	15.241	13.3	17.7	5.9	23.6	4.1
31	12.5	24.0	17.7	61.7	16.317	14.3	0.0	0.0	0.0	5.2
PROM.	12.9	23.8	17.8	78.5	16.154	14.1	226.0	30.4	256.4	151.8

ESTACION: MANUEL MEJIA

MUNICIPIO: TAMBO

AÑO: 1.980

ALTITUD: 1.700

LATITUD: 2-24 N.

LONGITUD: 76-48 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	15.4	22.0	16.2	85.0	17.756	15.6	0.0	1.2	1.2	4.9
2	15.0	22.0	16.2	85.5	17.839	15.7	1.8	0.0	1.8	2.1
3	14.1	21.5	16.4	86.2	18.340	16.1	0.0	0.0	0.0	1.9
4	16.5	23.0	18.9	80.2	17.400	15.3	0.0	0.0	0.0	3.6
5	13.2	20.0	16.0	76.2	16.253	14.2	0.0	0.0	0.0	4.6
6	14.0	24.5	19.6	73.8	16.354	14.3	0.0	0.0	0.0	7.9
7	12.0	23.3	18.6	77.6	16.559	14.5	0.0	0.0	0.0	3.3
8	13.0	23.0	18.6	73.4	16.301	14.3	0.0	0.0	0.0	4.4
9	14.5	23.0	19.4	74.5	16.305	14.3	1.5	0.0	1.5	7.7
10	14.2	23.5	18.8	78.3	16.679	14.8	52.0	2.0	54.0	8.2
11	14.5	23.5	18.8	80.0	16.594	15.5	0.3	0.0	0.3	5.2
12	14.5	23.5	18.8	76.9	16.465	14.5	0.0	4.5	4.5	5.7
13	15.3	23.5	18.8	86.8	17.497	15.4	19.0	0.3	19.3	1.6
14	15.1	23.5	18.8	82.5	16.542	14.8	14.3	9.8	24.1	7.3
15	15.0	23.5	18.8	80.5	16.336	14.3	15.6	12.6	28.2	5.2
16	15.3	23.5	18.3	82.8	16.530	14.5	5.4	7.1	12.5	0.3
17	14.9	23.5	17.9	78.8	16.048	14.1	1.0	29.5	30.5	5.6
18	16.0	23.5	18.5	80.1	17.045	15.0	0.4	41.7	42.1	7.3
19	14.5	23.5	18.1	81.7	16.629	14.6	0.7	0.0	0.7	5.2
20	15.3	23.5	18.8	68.7	15.275	13.3	0.0	1.1	1.1	9.4
21	15.8	23.5	18.3	81.5	17.156	15.1	0.0	0.0	0.0	2.5
22	13.6	23.5	18.6	72.2	15.665	13.9	0.0	0.0	0.0	8.8
23	14.6	23.5	19.8	72.1	16.014	14.0	0.0	0.0	0.0	6.2
24	14.5	23.3	18.5	80.1	17.772	15.6	0.0	0.0	0.0	4.0
25	16.5	23.0	18.8	73.7	17.000	14.9	0.0	0.0	0.0	8.6
26	11.0	23.5	18.2	64.5	13.121	11.0	0.0	0.0	0.0	10.0
27	10.8	23.0	20.0	68.0	15.107	13.1	0.0	0.2	0.2	5.3
28	16.0	24.0	19.2	77.2	17.085	14.5	0.0	0.4	0.4	5.3
29	14.0	24.0	18.9	78.5	16.546	14.9	0.2	7.7	7.9	6.4
30	15.5	24.0	17.5	86.2	17.560	15.4	11.1	0.8	11.9	2.1
31	14.0	24.0	17.1	73.0	15.529	13.5	0.0	1.8	1.8	6.0
PROM.	14.5	23.6	16.7	78.0	16.663	14.6	123.3	121.1	244.4	172.7

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	15.5	23.6	18.6	79.5	17.074	15.0	1.1	7.3	8.4	5.4
2	16.3	23.4	18.9	85.0	18.573	16.3	3.6	7.9	11.5	7.7
3	16.0	23.3	18.5	84.7	18.061	15.9	0.1	95.1	95.2	4.2
4	14.0	24.0	17.8	81.1	16.776	14.8	4.3	1.3	5.6	5.1
5	14.0	20.0	17.3	86.3	17.127	15.1	1.0	0.0	1.0	1.6
6	15.0	24.0	18.9	79.9	17.280	15.2	0.3	59.9	60.2	6.6
7	15.5	24.0	18.1	84.8	17.772	15.7	1.6	0.0	1.6	1.9
8	16.0	24.5	19.6	80.7	18.618	16.4	0.0	0.0	0.0	6.6
9	16.0	24.0	18.3	79.6	17.655	15.7	0.1	0.1	0.2	7.1
10	14.8	23.0	20.1	74.3	17.213	15.1	5.9	0.0	5.9	7.2
11	15.0	23.0	20.0	70.4	15.504	13.8	0.0	0.0	0.0	8.5
12	16.0	23.5	20.0	70.3	15.961	13.9	0.0	0.0	0.0	5.9
13	15.5	23.0	18.8	73.1	16.641	14.6	0.0	0.0	0.0	6.6
14	15.3	24.4	18.7	67.5	15.012	12.9	0.0	0.0	0.0	5.8
15	12.0	23.5	18.9	72.1	15.158	13.2	0.0	0.3	0.3	10.0
16	16.5	23.3	18.3	77.0	17.074	15.0	1.8	23.6	25.4	3.3
17	16.0	23.0	18.1	78.6	16.267	14.2	41.5	0.1	41.6	5.0
18	13.5	21.0	17.9	84.3	17.309	15.2	0.0	0.0	0.0	1.9
19	16.0	24.0	18.0	88.0	18.163	16.0	1.5	20.6	22.1	2.6
20	15.5	23.0	18.4	78.2	16.552	14.5	6.5	17.9	24.4	3.3
21	14.5	23.3	18.0	81.3	16.771	14.8	13.5	5.0	18.5	4.6
22	14.5	24.0	18.0	84.0	17.359	15.3	9.2	5.9	15.1	4.2
23	16.0	23.0	18.7	71.6	16.127	14.1	0.0	0.0	0.0	8.2
24	14.5	24.4	18.8	72.0	16.657	14.7	0.8	0.2	1.0	8.4
25	15.6	24.0	18.7	77.6	17.457	15.4	0.0	6.3	6.3	7.3
26	15.0	21.0	18.1	86.1	17.677	15.7	0.0	12.0	12.0	3.1
27	16.0	24.0	18.6	76.6	17.046	15.0	0.0	0.0	0.0	3.9
28	15.5	22.0	18.7	81.2	17.461	15.4	4.8	0.0	4.8	5.6
29	15.5	23.0	18.6	79.0	16.780	14.7	0.0	0.7	0.7	6.0
PROM.	15.3	23.6	18.9	78.6	17.056	15.0	97.6	264.2	361.8	171.6

ESTACION: MANUEL NEJIA

MUNICIPIO: TAMBO

AÑO: 1-980

ALTITUD: 1.700

LATITUD: 2-24 N.

LONGITUD: 76-48 W.

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M E S - M A R Z O

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	25.0	19.5	72.0	15.559	13.6	0.0	0.0	0.0	8.5
2	16.5	24.0	19.4	65.0	16.551	16.5	0.6	23.1	23.7	3.9
3	15.4	23.0	17.9	62.1	16.534	14.5	5.5	0.2	5.7	4.0
4	15.5	22.5	18.5	60.7	16.425	14.5	0.0	0.0	0.0	6.0
5	15.5	24.0	18.1	63.0	17.459	15.4	4.9	0.0	4.9	5.2
6	15.3	23.5	16.8	60.0	17.136	15.1	6.0	0.0	6.0	6.7
7	14.0	24.0	19.3	74.9	16.149	14.7	0.0	0.0	0.0	7.1
8	15.0	25.3	19.9	73.3	16.654	14.7	0.0	0.0	0.0	8.1
9	12.9	24.0	18.8	75.4	15.700	13.7	0.0	0.0	0.0	4.6
10	13.6	23.0	18.6	60.1	16.741	14.6	0.0	0.0	0.0	2.5
11	14.3	22.0	19.4	78.1	17.178	15.1	0.0	0.0	0.0	
12	15.3	23.0	19.6	70.3	15.658	13.7	0.0	0.0	0.0	
13	14.4	22.0	19.9	49.6	15.432	13.8	0.0	0.0	0.0	
14	16.3	22.0	19.0	79.3	17.311	15.2	0.0	0.0	0.0	
15	16.3	23.0	19.7	60.1	16.225	16.3	0.0	0.0	0.0	0.0
16	13.5	24.0	20.1	69.8	15.449	13.6	0.0	0.0	0.0	
17	15.0	25.0	19.8	75.8	17.441	15.3	0.0	1.7	1.7	3.4
18	15.5	20.0	17.0	60.1	15.627	13.7	4.8	0.0	4.8	0.0
19	12.6	24.0	18.2	60.3	16.710	14.7	0.1	0.3	0.4	3.8
20	14.0	23.5	19.2	74.6	16.262	14.3	0.0	0.0	0.0	6.1
21	14.6	24.0	19.4	78.1	17.335	15.2	0.0	1.4	1.4	5.8
22	16.0	25.0	19.0	78.2	17.125	15.0	0.8	0.0	0.8	4.2
23	16.5	25.0	19.6	73.4	16.498	14.4	0.0	0.0	0.0	5.8
24	13.0	26.0	20.7	57.8	13.356	11.2	0.0	0.0	0.0	8.6
25	16.6	26.0	20.3	60.2	14.513	12.4	0.0	0.0	0.0	3.8
26	13.5	25.3	20.1	60.0	14.073	12.0	0.0	0.0	0.0	6.9
27	13.8	24.3	20.2	62.6	14.455	12.4	0.0	0.0	0.0	5.4
28	14.5	25.0	21.1	59.5	14.548	12.4	0.0	0.0	0.0	6.2
29	17.0	26.1	22.5	54.8	15.278	13.0	0.0	0.0	0.0	5.8
30	15.4	24.0	19.2	69.2	15.239	13.2	0.3	0.0	0.3	3.4
31	15.0	27.1	15.6	69.2	15.450	13.4	2.0	0.0	2.0	8.8
PROM.	14.8	24.1	19.4	73.2	16.213	14.1	19.0	26.7	45.7	

M E S - A B R I L

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	26.0	19.8	71.8	16.304	14.2	0.0	0.0	0.0	7.8
2	16.3	20.5	17.5	69.1	16.001	15.8	2.1	0.1	2.2	0.5
3	14.6	24.0	18.3	63.0	17.613	15.5	6.2	0.4	6.6	2.6
4	15.2	24.5	19.4	61.5	17.356	15.3	2.3	41.6	43.9	2.6
5	16.0	25.5	18.1	60.9	16.253	14.8	6.5	0.0	6.5	5.8
6	13.0	25.0	17.7	63.3	17.125	15.1	8.7	0.0	8.7	4.7
7	14.5	24.0	18.2	60.7	17.207	15.1	4.0	2.6	6.6	5.2
8	14.5	25.0	19.4	76.3	17.010	15.0	0.0	0.0	0.0	7.6
9	15.0	24.0	18.0	82.9	17.476	15.4	4.7	0.8	5.5	5.8
10	14.0	22.0	18.4	82.7	17.354	15.3	0.0	0.0	0.0	5.6
11	15.0	24.0	18.5	73.0	15.467	13.5	0.0	0.0	0.0	7.3
12	10.5	26.5	19.5	65.1	13.756	11.7	0.0	0.0	0.0	10.6
13	11.2	25.5	16.4	73.0	14.660	12.8	0.0	0.0	0.0	5.9
14	12.1	22.6	17.8	65.3	17.344	15.3	13.9	3.6	17.5	4.7
15	14.0	24.7	19.9	70.5	15.546	13.5	0.0	0.0	0.0	8.0
16	14.0	27.0	20.5	59.7	13.713	11.6	0.0	0.0	0.0	8.8
17	15.5	25.0	21.0	55.1	13.263	11.0	0.0	0.0	0.0	5.3
18	13.6	24.5	19.7	67.7	15.116	12.8	0.5	0.0	0.5	6.0
19	15.5	25.4	21.3	53.0	12.564	10.7	0.0	0.0	0.0	6.9
20	14.5	26.0	20.6	61.9	14.378	12.3	0.0	0.4	0.4	0.0
21	14.5	26.5	19.4	75.0	16.207	14.0	3.2	0.0	3.2	4.6
22	15.5	24.0	20.1	76.0	17.268	15.5	0.0	0.0	0.0	1.4
23	16.0	24.3	19.1	78.4	17.258	15.2	0.0	0.0	0.0	4.4
24	16.6	23.0	19.2	87.3	19.439	17.1	1.6	0.0	1.6	6.3
25	16.5	24.0	18.5	62.8	17.635	15.7	5.2	0.1	5.3	
26	16.0	24.5	19.7	78.3	17.670	15.7	0.0	0.0	0.0	3.8
27	11.6	27.8	20.3	61.1	13.361	11.2	0.0	0.0	0.0	10.0
28	11.8	25.5	18.3	73.3	15.175	13.0	5.7	0.0	5.7	
29	14.5	23.0	17.5	62.1	16.687	14.7	0.7	0.0	0.7	4.9
30	15.0	25.0	19.0	61.5	17.356	15.8	1.5	7.5	9.0	
PROM.	14.4	24.7	19.1	75.1	16.272	14.2	64.8	57.1	121.9	

ESTACION: MANUEL NEJIA
 ALTITUD: 1.7 CC

MUNICIPIO: TAMEC
 LATITUD: 2-24 N.

AÑO: 1.980
 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	16.0	23.5	17.9	82.1	17.217	15.1	16.4	57.9	74.3	8.1
2	15.0	24.0	18.6	79.6	16.640	14.8	0.0	0.0	0.0	8.2
3	14.6	24.5	18.9	80.9	17.775	15.8	0.0	0.0	0.0	8.7
4	14.8	26.0	21.0	57.1	13.249	10.6	0.0	0.0	0.0	7.0
5	11.5	25.0	19.0	67.5	14.231	12.1	0.0	0.0	0.0	7.7
6	14.5	23.0	19.6	79.8	18.112	12.1	0.0	0.0	0.0	4.1
7	14.5	26.5	19.1	79.7	17.574	15.9	1.1	1.1	2.2	2.6
8	15.0	21.5	18.5	84.6	15.162	15.9	1.2	1.2	2.4	4.6
9	14.0	25.5	19.6	72.4	15.831	16.3	1.4	1.4	2.8	0.4
10	16.0	26.5	19.6	75.4	17.044	13.9	0.0	0.0	0.0	9.6
11	16.0	26.0	20.4	69.5	16.384	15.9	0.4	2.6	3.0	4.5
12	15.5	25.0	19.6	75.1	16.247	14.9	0.0	0.0	0.0	4.5
13	15.6	22.5	19.6	75.1	15.247	15.9	0.0	0.0	0.0	3.8
14	14.8	23.5	18.5	84.0	17.904	16.0	0.0	0.0	0.0	0.8
15	15.0	23.0	18.7	79.8	16.574	15.9	3.2	2.0	5.2	1.1
16	11.2	26.0	19.5	79.8	16.574	14.5	1.1	8.8	9.9	9.0
17	16.5	24.4	19.5	62.2	15.550	13.5	0.0	0.0	0.0	4.8
18	17.0	25.5	19.5	79.0	17.599	15.8	0.0	1.1	1.1	6.0
19	14.8	25.5	20.0	77.9	18.051	15.8	0.0	0.0	0.0	4.3
20	14.0	26.5	19.5	68.0	15.726	13.8	0.0	0.0	0.0	6.8
21	17.5	24.5	19.4	80.0	17.437	15.4	0.0	0.0	0.0	6.3
22	16.5	25.0	19.4	80.0	17.512	15.7	0.3	0.5	0.8	2.3
23	14.5	25.0	19.4	72.0	16.349	14.3	0.1	0.0	0.1	5.0
24	13.0	25.5	19.3	67.0	14.749	12.7	0.0	0.0	0.0	5.0
25	12.4	26.0	19.7	73.5	16.000	14.4	0.0	0.0	0.0	7.7
26	16.0	26.0	19.2	72.0	15.012	12.9	0.0	1.3	1.3	7.2
27	14.6	25.0	20.3	79.8	16.447	14.4	0.0	0.0	0.0	0.0
28	14.0	24.4	20.3	59.5	13.366	10.9	0.0	0.0	0.0	7.9
29	17.0	25.5	19.1	73.1	16.221	14.2	0.2	0.0	0.2	2.9
30	13.6	25.0	20.0	69.5	15.623	13.6	0.0	0.0	0.0	2.9
31	17.0	26.0	20.0	73.0	17.336	15.2	0.3	9.2	9.5	7.9
PROM.	14.9	24.8	19.4	74.8	16.605	14.5	28.7	75.3	104.0	158.7

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	15.5	21.9	18.5	78.3	16.641	14.8	0.0	3.6	3.6	5.0
2	16.0	20.0	16.6	84.0	15.581	13.9	0.2	0.0	0.2	5.1
3	12.7	24.0	17.8	79.0	14.647	12.9	0.0	0.0	0.0	5.3
4	16.6	24.0	20.5	60.7	14.647	12.7	0.0	0.0	0.0	6.1
5	12.6	24.0	16.8	73.0	15.721	13.7	0.0	0.0	0.0	5.2
6	13.5	24.0	16.8	78.0	15.721	13.7	0.0	0.0	0.0	4.3
7	14.6	24.0	21.1	60.1	16.660	14.6	0.0	0.0	0.0	7.7
8	13.6	25.5	20.4	64.5	14.541	12.0	0.1	0.0	0.1	8.3
9	14.5	23.5	19.2	78.8	17.259	15.2	4.8	0.0	4.8	4.6
10	16.6	23.0	17.9	82.9	17.118	15.0	2.7	11.6	14.3	2.5
11	16.0	23.0	17.8	83.9	17.410	15.1	2.0	0.5	2.5	1.7
12	14.5	22.0	17.8	84.7	17.624	15.5	1.4	33.0	34.4	1.8
13	14.0	23.0	17.8	60.7	15.569	14.0	0.0	0.0	0.0	3.0
14	15.6	22.7	21.9	52.4	12.514	10.3	0.0	0.0	0.0	9.3
15	14.5	22.0	21.9	47.2	12.018	9.5	0.0	0.0	0.0	10.6
16	10.9	26.0	19.9	55.7	12.157	9.6	0.0	0.0	0.0	4.1
17	11.0	25.0	19.2	65.8	14.177	12.1	0.0	0.0	0.0	8.9
18	14.5	23.0	19.1	72.8	15.631	13.8	0.5	0.0	0.5	7.6
19	13.0	25.0	18.5	75.4	15.555	13.6	2.9	0.0	2.9	7.6
20	16.3	21.0	18.8	77.5	16.706	14.6	0.9	0.0	0.9	5.9
21	15.4	20.7	18.7	56.4	12.649	10.1	0.0	0.0	0.0	5.9
22	13.0	20.7	19.8	58.6	12.777	10.3	0.0	0.0	0.0	6.6
23	11.5	20.7	19.9	60.7	13.369	11.3	0.0	0.0	0.0	6.6
24	12.0	20.1	19.9	68.7	15.349	13.4	0.0	0.0	0.0	6.7
25	14.5	20.9	18.9	60.9	17.632	15.7	2.6	0.0	2.6	5.8
26	14.7	20.9	18.6	83.6	17.564	15.8	0.0	0.0	0.0	6.8
27	16.0	22.1	17.7	37.0	10.114	7.1	0.0	0.0	0.0	3.6
28	14.0	20.5	18.4	34.1	8.560	4.6	0.0	0.0	0.0	9.5
29	16.0	20.7	18.4	40.4	9.578	6.9	0.0	0.0	0.0	10.9
30	14.0	20.5	18.6	62.5	13.175	11.1	0.0	0.0	0.0	8.9
31	13.6	25.4	16.6	62.5	13.175	11.1	0.0	0.0	0.0	3.9
PROM.	14.2	24.8	19.4	67.4	14.723	12.5	30.0	48.3	78.3	192.7

ESTACION: MANUEL MEJIA
 ALTITUD: 1.700

MUNICIPIO: TAMBO
 LATITUD: 2-24 N.

AÑO: 1.980
 LONGITUD: 76-48 W.

M E S - J U L I O

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	24.5	19.5	62.5	13.517	11.3	0.0	0.0	0.0	4.6
2	13.5	26.0	20.2	56.1	12.008	9.3	0.0	0.0	0.0	10.8
3	12.2	27.0	21.0	46.0	10.561	7.6	0.0	0.0	0.0	
4	11.5	27.0	21.6	43.0	11.165	8.4	0.0	0.0	0.0	10.7
5	13.6	26.0	20.6	43.1	10.249	7.4	0.0	0.0	0.0	10.8
6	13.6	26.5	19.5	46.6	10.269	7.4	0.0	0.0	0.0	
7	12.5	25.5	20.0	56.9	11.584	10.3	0.0	0.0	0.0	6.4
8	9.5	26.0	18.5	58.5	11.588	12.5	0.0	0.0	0.0	7.7
9	11.0	25.0	17.5	77.7	14.613	12.7	0.0	0.0	0.0	5.1
10	14.8	23.0	19.2	69.7	15.266	13.2	0.0	0.0	0.0	3.9
11	13.5	24.3	17.3	74.3	14.437	12.4	0.0	0.0	0.0	4.6
12	13.6	25.5	19.0	64.0	13.511	11.4	0.0	0.0	0.0	7.0
13	11.5	23.0	19.3	60.9	12.542	10.1	0.0	0.0	0.0	
14	11.5	25.0	18.9	66.2	13.562	12.0	0.0	0.0	0.0	9.5
15	11.4	26.0	18.7	55.6	11.217	6.4	0.0	0.0	0.0	
16	10.5	23.0	18.2	61.1	11.607	9.5	0.0	0.0	0.0	7.4
17	12.4	26.0	19.4	52.1	10.526	8.2	0.0	0.0	0.0	
18	13.5	27.0	18.9	53.3	11.363	8.7	0.0	0.0	0.0	9.2
19	12.0	26.0	19.5	56.0	12.244	6.7	0.0	0.0	0.0	7.6
20	13.2	23.3	18.6	71.2	14.667	12.9	0.0	0.0	0.0	
21	12.5	23.2	18.9	65.6	13.754	11.6	0.0	0.0	0.0	1.6
22	11.5	25.5	18.8	63.4	12.818	10.6	0.0	0.0	0.0	8.2
23	13.5	24.5	18.3	73.0	14.663	12.5	0.0	0.0	0.0	4.7
24	10.0	25.4	18.4	70.3	13.749	11.5	0.0	0.0	0.0	8.2
25	10.5	25.6	18.3	66.4	13.285	11.2	0.0	0.0	0.0	7.8
26	14.5	27.5	20.7	67.0	15.454	13.7	0.0	0.0	0.0	7.6
27	15.5	26.0	18.3	73.3	16.240	13.1	0.0	0.0	0.0	5.8
28	13.1	26.0	19.6	63.6	13.770	11.7	0.0	0.0	0.0	8.1
29	12.6	26.0	19.7	69.6	15.726	13.7	0.0	0.0	0.0	5.8
30	12.0	27.0	19.9	66.4	14.334	12.3	0.0	0.0	0.0	8.8
31	12.8	24.5	20.1	51.6	11.655	8.8	0.0	0.0	0.0	
PROM.	12.4	25.4	19.3	61.6	13.637	10.7	12.7	1.2	13.9	

M E S - A G O S T O

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	26.0	20.5	48.7	11.210	8.4	0.0	0.0	0.0	8.4
2	12.5	27.0	20.6	56.2	12.788	10.5	0.0	0.0	0.0	8.5
3	11.0	28.5	19.9	69.2	14.968	13.0	0.0	0.0	0.0	
4	14.0	27.1	18.8	74.5	16.081	14.0	0.0	0.0	0.0	6.4
5	15.0	26.0	18.6	79.5	17.025	15.0	0.0	0.0	0.0	6.4
6	14.4	25.0	18.7	80.7	17.307	15.2	0.0	0.0	0.0	4.8
7	15.6	23.0	18.5	77.3	16.380	14.3	0.0	0.0	0.0	2.3
8	15.5	24.0	18.5	80.8	17.043	15.0	0.0	0.0	0.0	5.6
9	15.5	23.5	18.0	75.9	15.668	14.0	0.0	0.0	0.0	
10	14.0	27.0	20.2	55.1	11.501	9.1	0.0	0.0	0.0	10.1
11	8.0	25.5	18.5	49.1	8.456	5.1	0.0	0.0	0.0	9.1
12	12.0	27.0	19.7	49.6	10.676	7.9	0.0	0.0	0.0	8.9
13	15.0	27.0	20.3	63.8	14.433	12.1	0.0	0.0	0.0	8.1
14	11.6	27.0	17.7	74.6	14.888	12.5	0.0	0.0	0.0	8.0
15	14.4	26.0	19.4	68.7	16.056	13.6	0.0	0.0	0.0	
16	13.5	26.5	20.0	54.5	11.517	8.7	0.0	0.0	0.0	9.3
17	11.4	26.5	19.0	66.6	15.181	12.9	0.0	0.0	0.0	
18	10.6	26.5	17.4	73.4	13.504	11.7	1.0	0.0	1.0	5.6
19	13.0	24.0	19.2	61.3	12.523	10.5	0.0	0.0	0.0	4.6
20	12.6	25.0	19.4	58.1	12.111	9.4	0.0	0.0	0.0	8.5
21	12.0	25.0	18.9	59.2	11.642	9.1	0.0	0.0	0.0	
22	12.0	25.4	20.0	57.0	12.360	9.8	0.0	0.0	0.0	8.9
23	12.1	25.6	19.7	52.5	11.035	8.3	0.0	0.0	0.0	9.3
24	11.6	27.0	21.7	36.4	9.238	5.8	0.0	0.0	0.0	11.0
25	11.6	28.0	22.0	42.2	10.370	7.4	0.0	0.0	0.0	11.0
26	10.0	28.0	21.1	48.7	10.573	6.2	0.0	0.0	0.0	9.0
27	16.0	25.5	21.4	42.3	10.877	6.2	0.0	0.0	0.0	9.0
28	12.0	26.0	20.2	49.2	11.557	6.1	0.0	0.0	0.0	4.1
29	13.0	24.0	18.7	58.2	11.508	9.3	0.0	0.0	0.0	4.3
30	13.5	25.5	19.5	58.4	12.520	9.5	0.0	0.0	0.0	8.9
31	10.2	24.6	17.3	76.0	14.337	12.2	0.0	0.0	0.0	
PROM	12.8	26.0	19.5	61.3	13.155	10.7	18.8	33.3	52.1	

ESTACION: MANUEL MEJIA
 ALTITUD: 1.740

MUNICIPIO: TAMBO
 LATITUD: 2-24 N.

AÑO: 1.980
 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	12.0	22.0	17.4	78.3	15.101	13.1	0.0	0.0	0.0	6.0
2	10.0	27.5	18.6	71.6	14.429	12.4	0.0	0.0	0.0	7.3
3	14.5	28.0	21.3	63.6	15.121	13.1	0.0	0.0	0.0	6.5
4	12.0	27.0	19.3	70.4	15.019	13.0	0.0	0.0	0.0	6.3
5	12.6	27.0	20.0	60.0	13.025	10.6	0.0	0.0	0.0	4.9
6	12.8	27.5	20.5	52.8	11.738	6.1	0.0	0.0	0.0	7.5
7	13.0	28.0	21.4	51.1	12.579	10.3	0.0	0.0	0.0	4.6
8	13.6	27.3	20.5	51.6	12.135	9.8	0.0	0.0	0.0	5.7
9	13.0	25.5	19.9	59.0	12.867	10.1	0.0	0.0	0.0	2.5
10	11.0	25.0	20.2	43.2	10.140	7.1	0.0	0.0	0.0	6.8
11	11.5	25.6	19.2	23.9	11.310	6.8	0.0	0.0	0.0	6.0
12	14.0	24.8	20.3	57.5	13.458	11.3	0.0	0.0	0.0	3.1
13	12.0	27.3	20.1	55.3	11.695	5.2	0.0	0.0	0.0	7.1
14	12.0	27.4	16.6	47.8	15.070	12.9	0.0	0.0	0.0	6.1
15	16.0	28.0	19.3	73.5	16.214	14.0	0.2	12.4	12.6	5.6
16	14.5	25.0	19.2	77.4	17.067	15.0	2.7	0.0	2.7	6.3
17	12.5	25.3	19.9	68.2	15.311	13.3	0.0	0.1	0.1	4.9
18	13.5	25.5	17.8	79.5	16.214	14.1	39.0	1.1	40.1	1.4
19	12.5	23.0	16.4	95.3	17.743	12.6	7.1	1.0	8.1	2.0
20	13.6	24.0	18.3	60.1	16.672	14.7	0.0	1.0	1.0	5.4
21	15.0	24.3	17.6	61.1	16.410	14.3	0.0	0.0	0.0	3.2
22	14.3	22.0	18.5	75.0	15.449	13.9	0.0	0.0	0.0	2.3
23	14.5	26.0	19.3	64.9	14.263	12.1	0.0	0.0	0.0	4.5
24	12.5	26.0	20.4	64.1	14.547	12.4	0.0	0.0	0.0	9.3
25	13.5	27.0	20.9	62.2	14.547	12.3	0.0	0.0	0.0	4.2
26	12.6	25.0	19.4	74.8	16.136	14.2	0.0	0.0	0.0	7.2
27	14.6	25.0	19.5	72.5	16.202	14.1	3.1	16.4	19.5	4.9
28	15.2	22.0	18.5	80.4	17.054	15.0	0.0	0.5	0.5	2.3
29	15.0	25.5	20.0	76.9	17.756	15.6	0.0	4.3	4.3	3.6
30	15.5	23.5	17.1	90.3	17.480	15.7	12.7	3.1	15.8	3.9
PROM.	13.3	25.4	19.4	68.5	14.781	12.6	69.2	39.9	109.1	154.7

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	15.0	25.5	18.9	74.8	16.166	14.1	0.3	0.0	0.3	5.7
2	13.0	24.5	20.1	74.5	17.859	15.7	0.9	0.0	0.9	3.3
3	13.5	25.0	19.6	73.4	16.661	14.5	0.0	0.0	0.0	5.8
4	15.5	24.0	17.9	82.3	16.550	14.9	24.4	10.8	35.2	3.6
5	14.5	24.0	18.4	83.4	17.257	15.3	4.1	47.2	51.3	4.3
6	14.5	21.0	16.8	85.3	16.483	14.4	1.1	13.3	14.4	1.1
7	13.6	23.0	17.9	82.8	16.227	14.2	10.3	16.2	26.5	3.8
8	12.0	23.5	17.4	87.1	17.839	15.4	0.0	1.3	1.3	2.2
9	11.0	24.5	18.1	84.2	17.411	15.3	1.2	0.0	1.2	4.7
10	15.0	20.5	15.8	95.6	17.364	15.3	0.6	4.6	5.2	0.8
11	13.0	24.0	17.6	80.7	18.523	14.0	4.2	0.0	4.2	5.6
12	14.0	23.0	17.5	84.2	14.749	14.8	0.0	0.0	0.0	4.8
13	14.5	24.5	19.1	81.9	17.436	15.7	0.0	0.0	0.0	7.6
14	14.0	24.5	18.7	78.2	16.818	14.8	0.0	0.0	0.0	7.0
15	14.0	22.5	17.7	86.5	17.750	15.6	3.5	0.0	3.5	2.4
16	14.8	22.0	18.3	83.7	17.808	15.7	0.0	0.0	0.0	4.6
17	15.0	22.0	17.2	92.0	16.281	15.0	5.9	45.5	51.4	3.1
18	14.5	21.5	16.3	92.8	17.403	15.4	1.2	1.0	2.2	0.2
19	14.5	23.5	17.6	86.8	17.463	15.4	16.5	13.1	29.6	6.9
20	15.5	21.5	17.8	69.2	16.348	16.1	1.2	0.0	1.2	0.9
21	12.5	25.5	18.0	61.2	16.527	14.6	6.0	0.0	6.0	7.5
22	14.5	25.5	19.4	79.1	17.406	15.3	0.0	0.0	0.0	7.9
23	16.0	22.5	18.5	60.3	17.028	14.9	0.0	0.0	0.0	1.5
24	15.6	23.5	18.1	84.7	18.012	15.2	2.2	0.0	2.2	3.3
25	12.2	23.6	17.6	85.6	17.221	15.1	0.0	1.6	1.6	2.7
26	15.3	22.0	17.7	90.9	18.419	16.2	0.0	0.0	0.0	2.9
27	13.0	23.6	18.6	86.9	18.578	16.3	20.8	0.2	21.0	4.7
28	15.5	24.0	19.5	81.3	18.400	16.2	0.8	1.5	2.3	6.6
29	15.4	22.6	18.9	83.2	17.564	15.6	5.4	1.8	7.2	1.5
30	14.6	23.8	18.2	84.2	18.122	15.9	3.1	0.0	3.1	6.5
31	15.3	24.5	19.4	77.5	17.327	15.2	0.0	6.0	6.0	8.5
PROM	14.2	23.3	18.2	83.8	17.429	15.3	114.7	185.4	300.1	132.5

ESTACION: MANUEL NEJIA
 ALTITUD: 1.700

MUNICIPIO: TAMBO
 LATITUD: 2-24 N.

AÑO: 1.980
 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	15.3	25.0	19.3	75.1	16.512	14.8	5.3	0.0	5.3	8.6
2	14.6	23.0	15.5	54.6	16.827	14.9	8.2	0.0	8.2	9.4
3	11.3	23.3	18.6	63.2	17.722	15.6	0.0	16.5	16.5	7.5
4	14.5	25.0	18.4	83.3	17.371	15.3	0.0	12.0	12.0	5.3
5	13.5	22.5	17.1	87.0	17.026	15.0	10.7	5.4	16.1	3.1
6	14.3	21.3	17.0	86.2	16.673	14.6	0.0	2.5	2.5	1.9
7	13.5	23.6	17.3	81.1	15.721	13.6	1.1	0.0	1.1	6.7
8	12.5	23.5	17.6	76.3	14.672	12.7	0.0	0.0	0.0	9.3
9	10.2	23.0	17.3	70.5	14.717	12.7	0.0	0.0	0.0	6.8
10	11.0	24.0	18.5	80.0	16.555	14.5	0.0	0.0	0.0	5.8
11	13.6	25.0	18.1	84.9	17.555	15.4	6.0	0.0	6.0	5.6
12	14.5	23.5	18.2	84.4	17.459	15.6	0.0	0.0	0.0	2.2
13	14.0	23.0	18.0	89.3	18.424	16.4	4.6	9.0	13.6	4.5
14	14.0	21.5	17.0	51.5	18.622	15.8	1.8	1.3	3.1	2.7
15	14.0	23.6	16.5	54.1	17.704	15.6	6.0	2.6	8.6	4.4
16	14.5	23.0	17.7	59.4	18.545	16.3	5.6	0.0	5.6	4.1
17	15.0	23.0	17.5	91.3	16.754	16.5	21.7	0.0	21.7	3.9
18	13.5	22.3	17.1	86.3	17.058	15.0	12.7	0.0	12.7	4.3
19	10.6	23.0	16.7	78.3	16.745	14.7	1.8	14.6	16.4	8.0
20	14.3	21.5	16.3	68.2	16.386	16.2	0.7	0.0	0.7	5.8
21	15.5	21.0	16.9	55.7	16.339	16.4	24.9	0.0	24.9	3.2
22	15.6	23.5	18.6	87.2	18.573	16.3	0.0	0.0	0.0	6.6
23	14.8	22.0	16.9	56.1	16.553	16.6	9.5	0.0	9.5	1.9
24	14.8	22.5	18.2	90.1	18.554	16.6	11.1	0.0	11.1	4.8
25	14.8	23.6	16.1	66.4	18.007	15.6	4.2	1.5	5.7	7.9
26	14.0	22.0	17.6	91.6	18.749	16.5	2.2	0.1	2.3	2.9
27	15.5	22.0	16.6	51.3	15.512	17.1	0.2	0.2	0.4	2.9
28	12.6	23.0	17.3	49.5	18.045	15.9	3.3	1.4	4.7	3.0
29	15.5	22.0	17.6	92.7	18.641	16.5	9.6	5.2	14.8	2.0
30	14.0	20.5	17.5	93.3	18.670	16.4	0.0	2.7	2.7	2.8
PROM.	13.9	22.8	17.6	87.5	17.680	15.5	151.1	75.3	226.4	155.1

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	15.3	24.0	17.7	88.0	17.623	15.7	0.3	0.0	0.3	4.3
2	13.6	25.0	18.5	78.3	18.621	14.5	0.5	0.0	0.5	
3	14.5	24.0	17.4	68.2	18.149	15.9	12.5	0.0	12.5	6.4
4	14.2	22.0	17.6	68.2	17.722	15.6	1.0	1.1	2.1	9.6
5	14.2	23.0	18.3	82.3	17.706	15.5	4.9	0.0	4.9	
6	15.1	25.0	18.9	68.9	19.734	17.2	0.0	0.0	0.0	9.0
7	14.2	21.0	17.9	88.9	18.277	16.2	0.0	0.0	0.0	1.5
8	15.4	23.0	17.9	68.2	18.146	16.0	0.0	0.0	0.0	2.7
9	14.6	22.0	17.6	66.5	17.428	15.3	0.0	0.0	0.0	3.4
10	14.6	23.0	17.4	61.5	16.475	14.4	0.0	0.0	0.0	6.7
11	14.2	24.0	17.9	85.5	17.575	15.4	0.0	0.0	0.0	8.4
12	15.3	23.0	17.4	85.2	17.111	15.0	8.1	12.3	20.4	5.6
13	14.8	23.0	17.6	84.3	16.616	14.7	0.7	17.0	17.7	4.1
14	15.2	21.0	16.7	68.3	16.647	14.8	0.0	4.5	4.5	5.0
15	15.3	23.1	17.6	69.5	16.318	16.1	4.6	0.0	4.6	6.1
16	14.0	24.0	18.5	60.8	17.276	15.2	0.0	10.0	10.0	6.8
17	14.0	20.0	16.9	68.8	17.127	15.1	9.3	0.0	9.3	0.3
18	13.3	22.3	17.6	84.2	16.746	14.7	0.1	0.2	0.3	6.7
19	15.3	23.0	17.9	87.5	18.158	16.0	1.1	5.2	6.3	5.5
20	15.2	21.0	16.7	82.8	15.568	13.5	11.0	0.9	11.9	
21	14.2	23.0	18.8	79.7	16.530	14.8	0.0	0.0	0.0	3.6
22	15.2	23.0	17.6	66.4	17.627	15.5	0.8	0.0	0.8	5.5
23	13.0	24.0	18.2	87.4	18.100	15.9	0.0	2.9	2.9	6.1
24	14.0	24.0	18.1	82.5	17.061	15.0	0.0	0.8	0.8	7.5
25	14.6	24.5	18.8	81.6	17.587	15.5	3.9	16.0	19.9	2.8
26	15.3	23.0	17.6	67.5	17.729	15.6	0.0	9.9	9.9	7.9
27	12.2	21.8	17.6	51.7	18.457	16.3	0.0	5.8	5.8	1.3
28	13.6	23.0	17.6	85.5	17.060	15.0	0.6	0.0	0.6	
29	14.3	22.0	17.6	78.5	15.516	13.5	0.0	8.1	8.1	8.4
30	14.0	22.0	16.7	86.5	16.731	14.7	37.9	8.8	46.7	4.5
31	14.3	23.0	16.8	87.0	16.763	14.7	2.9	0.0	2.9	5.1
PROM.	14.4	23.0	17.7	85.5	17.403	15.3	100.2	103.5	203.7	

ESTACION: MANUEL NEJIA

MUNICIPIO TANBC

AÑO: 1.980

ALTITUD: 1.700

LATITUD: 2-24 N.

LONGITUD: 76-48 W.

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MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	14.5	23.6	18.7	10.8	26.0	78.0	16.663	14.6	244.4	19	172.7
FEBRERO	15.3	23.6	18.9	12.0	25.8	78.6	17.056	15.0	361.8	21	171.6
MARZO	14.8	24.1	19.4	12.2	27.1	73.2	16.213	14.1	45.7	10	
ABRIL	14.4	24.7	19.1	10.5	27.6	75.1	16.272	14.2	121.9	16	
MAYO	14.9	24.8	19.4	11.2	27.0	74.8	16.605	14.5	104.0	15	158.7
JUNIO	14.2	24.8	15.4	10.5	27.5	67.4	14.723	12.5	78.3	12	192.7
JULIO	12.4	25.4	19.3	9.5	27.5	61.6	13.037	10.7	13.5	5	
AGOSTO	12.8	26.0	19.5	8.0	26.8	61.3	13.155	10.7	52.1	10	
SEPTIEMBRE	13.3	25.4	19.4	10.0	26.0	66.5	14.781	12.6	109.1	12	154.7
OCTUBRE	14.2	23.3	18.2	11.0	25.6	83.6	17.429	15.3	300.1	25	132.5
NOVIEMBRE	13.9	22.8	17.6	10.2	25.0	87.5	17.680	15.5	226.4	25	155.1
DICIEMBRE	14.4	23.0	17.7	12.2	25.0	85.5	17.403	15.3	203.7	24	
PROMEDIO	14.1	24.3	18.9	10.7	26.7	74.6	15.918	13.8			
TOTAL	1861.4									154	

ESTACION: PUEBLO BELLO

MUNICIPIO: PUEBLO BELLOAÑO:

1.980

ALTITUD: 1.000

LATITUD: 10-22 N.

LONGITUD: 73-38 W.

M E S - E N E R O

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	28.8	19.9	84.4	20.064	17.5	44.0	0.0	44.0	6.4
2	14.6	28.8	20.0	87.2	20.469	16.0	0.0	0.0	0.0	2.6
3	14.0	28.8	21.6	81.6	20.768	16.0	0.0	0.0	0.0	9.4
4	13.4	28.8	21.6	78.6	19.717	17.2	0.0	0.0	0.0	8.2
5	14.4	28.8	21.3	80.3	20.259	17.7	0.0	0.0	0.0	6.6
6	13.4	28.8	21.4	82.4	20.213	16.1	0.0	0.0	0.0	8.5
7	11.0	28.8	20.3	85.0	19.546	17.1	0.0	0.0	0.0	9.9
8	9.0	28.8	19.8	80.4	18.247	15.9	0.0	0.0	0.0	9.6
9	9.0	28.8	20.4	80.0	19.061	16.6	0.0	0.0	0.0	9.5
10	10.5	28.8	20.2	79.9	18.478	16.1	0.0	0.0	0.0	9.6
11	10.4	28.8	19.4	78.8	17.556	15.5	0.0	0.0	0.0	9.5
12	8.0	28.8	18.9	81.1	17.564	15.4	0.0	0.0	0.0	6.2
13	8.0	28.8	19.0	75.7	16.212	14.2	0.0	0.0	0.0	9.0
14	9.0	28.8	19.1	79.9	17.355	15.2	0.0	0.0	0.0	8.6
15	11.2	28.8	20.2	83.5	19.421	16.9	1.6	2.1	3.7	7.4
16	13.2	28.8	20.8	82.7	18.659	16.5	0.0	0.0	0.0	5.6
17	6.0	28.8	19.3	77.6	16.659	14.5	0.0	0.0	0.0	9.6
18	11.0	28.8	20.6	80.1	18.612	16.4	0.0	0.0	0.0	8.1
19	12.0	28.8	20.4	82.7	19.515	17.0	0.0	0.0	0.0	7.2
20	13.0	28.8	20.9	78.5	18.045	16.7	0.0	0.0	0.0	7.8
21	12.0	28.8	19.7	81.7	18.555	16.2	0.0	0.0	0.0	7.0
22	11.0	28.8	20.8	77.7	16.467	16.2	0.0	0.0	0.0	10.0
23	12.2	28.8	20.7	76.5	15.661	16.7	0.0	0.0	0.0	9.9
24	14.2	28.8	22.6	80.7	21.612	16.7	0.0	0.0	0.0	7.3
25	15.0	28.8	23.3	76.2	21.502	16.6	0.0	0.0	0.0	8.7
26	12.0	28.8	20.8	77.4	18.473	16.2	0.0	0.0	0.0	9.7
27	13.2	28.8	21.0	73.3	17.371	15.2	0.0	0.0	0.0	8.5
28	13.0	28.8	21.7	74.3	18.039	15.8	0.0	0.0	0.0	9.8
29	15.0	28.8	21.2	81.0	20.244	17.6	0.0	0.0	0.0	8.2
30	13.5	28.8	20.6	80.4	18.252	16.9	0.0	0.0	0.0	6.7
31	12.0	28.8	20.8	72.1	16.961	14.9	0.0	0.0	0.0	9.7
PROM.	12.0	25.1	20.6	79.7	18.976	16.6	45.6	2.1	47.7	262.2

M E S - F E B R E R O

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	29.5	21.0	69.6	16.631	14.6	0.0	0.0	0.0	8.1
2	12.0	29.5	20.1	76.0	16.967	14.9	0.0	0.0	0.0	8.5
3	12.5	29.5	19.9	83.4	18.668	16.5	12.2	0.0	12.2	7.0
4	15.5	28.3	20.2	85.6	19.673	17.3	1.0	0.0	1.0	6.4
5	15.0	27.6	20.2	81.6	18.576	16.6	0.0	0.0	0.0	6.7
6	11.0	29.6	20.6	75.0	17.339	15.2	0.0	0.0	0.0	7.2
7	12.5	29.6	20.1	76.2	17.358	15.3	0.0	0.0	0.0	10.0
8	10.6	29.5	19.4	69.6	14.300	12.2	0.0	0.0	0.0	10.5
9	12.0	29.5	21.9	71.5	18.079	15.9	0.0	0.0	0.0	8.2
10	14.0	29.5	22.9	75.0	19.736	17.2	0.0	0.0	0.0	7.5
11	15.5	29.6	22.3	71.4	18.553	16.3	0.0	0.0	0.0	9.2
12	12.6	29.5	21.0	75.9	18.345	16.0	0.0	0.0	0.0	10.0
13	12.5	29.5	21.2	74.1	18.002	15.8	0.0	0.0	0.0	9.6
14	11.0	29.5	20.0	75.7	16.992	14.8	0.0	0.0	0.0	8.9
15	13.0	29.5	20.9	75.1	17.605	15.6	0.0	0.0	0.0	9.9
16	13.0	29.5	21.2	76.1	18.467	16.2	0.0	0.0	0.0	7.9
17	18.0	28.5	20.9	83.9	20.641	16.2	4.1	0.0	4.1	5.3
18	16.5	27.5	21.0	67.5	21.521	15.0	1.8	0.0	1.8	5.5
19	15.5	26.0	20.7	86.6	21.159	16.4	0.5	0.0	0.5	4.9
20	16.0	26.0	20.9	86.7	21.559	16.7	18.7	0.0	18.7	6.3
21	14.0	28.5	20.4	79.2	18.522	16.3	0.0	0.0	0.0	10.0
22	11.0	29.5	20.8	72.9	17.319	15.2	0.0	0.0	0.0	10.3
23	11.0	29.5	20.3	73.5	16.746	14.6	0.0	0.0	0.0	9.6
24	12.0	29.5	20.4	68.0	15.054	13.1	0.0	0.0	0.0	10.2
25	9.0	29.5	19.2	72.7	15.456	13.3	0.0	0.0	0.0	9.5
26	11.0	29.6	20.2	73.2	16.638	14.5	0.0	0.0	0.0	10.1
27	13.0	29.5	22.0	67.4	16.504	14.5	0.0	0.0	0.0	9.0
28	12.3	29.5	21.3	69.6	16.500	14.5	0.0	0.0	0.0	7.2
29	13.0	29.5	20.6	76.6	16.056	15.6	0.0	0.0	0.0	7.2
PROM	13.0	29.3	20.7	76.2	18.026	15.7	38.3	0.0	38.3	242.9

ESTACION: PUEBLO BELLO
 ALTITUD: 1.000

MUNICIPIO: PUEBLO BELLO AÑO: 1.980
 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	14.0	20.5	20.9	70.2	16.743	14.7	0.0	0.0	0.0	5.5
2	13.0	19.8	21.4	73.7	16.661	16.3	0.0	0.0	0.0	7.7
3	15.0	20.8	21.5	76.5	16.556	16.3	0.0	0.0	0.0	6.0
4	14.0	19.9	21.6	68.2	16.744	14.7	0.0	0.0	0.0	9.6
5	12.5	19.9	20.9	70.5	16.571	14.6	0.0	0.0	0.0	9.6
6	12.0	19.9	21.5	74.1	17.658	15.7	0.0	0.0	0.0	10.0
7	11.0	19.9	21.1	69.2	17.147	15.1	0.0	0.0	0.0	10.3
8	12.0	20.0	21.4	69.4	15.514	13.5	0.0	0.0	0.0	9.5
9	11.5	20.6	21.3	73.5	17.727	15.6	0.0	0.0	0.0	9.7
10	14.0	22.0	22.8	71.4	16.666	16.5	0.0	0.0	0.0	10.0
11	15.0	21.6	23.2	72.6	16.666	17.2	0.0	0.0	0.0	9.5
12	14.0	21.3	22.7	75.6	20.057	17.5	0.0	0.0	0.0	9.5
13	14.0	22.0	23.1	74.3	15.519	17.4	0.0	0.0	0.0	9.5
14	14.5	21.5	23.5	71.5	15.657	17.2	0.0	0.0	0.0	9.5
15	14.0	19.8	21.1	64.9	16.171	16.0	0.0	0.0	0.0	9.4
16	11.0	19.6	21.6	67.5	17.526	15.4	0.0	0.0	0.0	9.7
17	14.0	20.2	22.2	68.1	17.627	15.5	0.0	0.0	0.0	9.7
18		20.4	22.6	72.6	16.469	16.9	0.0	0.0	0.0	9.7
19		20.5	21.5	65.7	16.871	14.8	0.0	0.0	0.0	9.7
20		19.5	21.3	71.3	17.064	15.0	0.0	0.0	0.0	9.7
21		20.5	21.8	65.1	15.671	13.6	0.0	0.0	0.0	9.7
22		19.7	23.3	67.5	15.075	16.8	0.0	0.0	0.0	7.7
23		20.6	23.6	66.7	16.727	16.5	0.0	0.0	0.0	9.7
24		20.8	21.4	71.4	15.078	16.7	0.0	0.0	0.0	9.7
25		20.3	22.3	76.0	21.131	18.4	6.5	0.0	6.5	9.7
26		20.4	22.4	76.6	22.302	19.2	0.0	0.0	0.0	9.7
27		20.7	24.7	70.6	15.571	17.4	0.0	0.0	0.0	9.7
28		19.6	27.0	67.0	15.569	17.4	0.0	0.0	0.0	9.7
29		20.2	25.2	71.2	21.353	18.5	0.0	0.0	0.0	9.7
30		20.8	23.8	77.0	22.268	19.2	2.0	0.0	2.0	9.7
31		20.4	24.0	76.7	22.450	19.3	0.0	2.0	2.0	9.7
PROM.		20.6	22.7	71.3	16.755	16.4	8.5	2.0	10.5	

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	22.5	23.6	24.2	74.2	21.234	18.5	0.0	0.0	0.0	
2	21.0	23.8	23.6	73.6	20.577	18.2	0.0	0.0	0.0	
3	21.5	24.3	24.0	64.0	18.351	16.1	0.0	0.0	0.0	
4	20.0	23.7	23.7	68.6	19.366	16.7	0.0	0.0	0.0	
5	20.0	22.1	22.1	66.0	16.572	14.5	0.0	0.0	0.0	
6	20.0	22.3	22.3	67.4	16.543	14.5	0.0	0.0	0.0	
7	20.0	22.7	24.5	74.5	15.548	17.4	0.0	0.0	0.0	
8	20.0	21.5	21.5	77.6	15.607	17.2	0.0	0.0	0.0	
9	20.0	22.0	22.0	74.2	18.413	16.1	0.0	0.0	0.0	
10	20.0	21.1	21.1	78.2	15.201	16.8	2.4	0.0	2.4	
11	20.0	21.7	21.7	81.5	20.500	18.2	7.0	0.0	7.0	
12	20.0	21.7	21.7	76.6	20.056	17.6	0.0	0.0	0.0	
13	20.0	21.0	21.0	66.0	17.055	15.1	0.0	0.0	0.0	
14	20.0	21.5	21.5	79.4	19.644	17.3	15.0	0.0	15.0	
15	20.0	20.9	20.9	79.4	16.461	17.0	0.0	0.0	0.0	
16	20.0	22.6	22.6	80.7	21.458	18.5	0.0	0.0	0.0	
17	20.0	22.8	22.8	78.5	21.101	18.2	0.0	0.0	0.0	
18	20.0	22.3	22.3	77.2	21.661	18.8	11.0	0.0	11.0	
19	20.0	22.8	22.8	76.4	21.188	18.3	0.0	0.0	0.0	
20	20.0	22.3	22.3	75.5	21.051	18.3	0.0	0.0	0.0	
21	20.0	20.9	20.9	85.1	20.773	18.0	0.0	34.0	34.0	
22	20.0	20.4	20.4	82.7	22.216	19.1	0.0	37.0	37.0	
23	20.0	20.4	20.4	84.2	22.429	19.3	0.0	10.0	10.0	
24	20.0	21.9	21.9	85.6	21.538	18.9	0.0	23.0	23.0	
25	20.0	21.5	21.5	87.6	22.129	19.1	0.0	2.5	2.5	
26	20.0	21.6	21.6	83.1	21.712	18.6	0.0	5.5	5.5	
27	20.0	22.3	22.3	82.2	22.522	19.5	0.0	8.0	8.0	
28	20.0	22.9	22.9	81.5	22.415	19.3	0.0	2.0	2.0	
29	20.0	21.6	21.6	81.4	21.620	18.6	0.0	0.0	0.0	
30	20.0	22.2	22.2	81.7	23.155	19.5	0.0	3.0	3.0	
PROM.		22.0	22.3	78.1	20.515	17.8	59.4	130.0	189.4	

ESTACION: PUEBLO BELLO

MUNICIPIO: PUEBLO BELLO AÑO: 1.980

1.980

ALTITUD: 1.000

LATITUD: 10-22 N.

LONGITUD: 73-38 W.

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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							0.0	6.0	6.0	
2							0.0	79.0	79.0	
3							0.0	2.0	2.0	
4							0.0	0.0	0.0	
5		22.5	22.4	82.2	22.350	19.3	0.0	0.0	0.0	
6		23.0	21.0	83.1	24.261	20.6	0.0	0.0	0.0	
7		28.0	21.6	85.0	24.328	19.3	0.0	18.0	18.0	
8		27.0	22.1	87.6	23.555	20.1	0.0	42.0	42.0	
9		22.0	21.8	85.4	24.356	19.3	9.0	0.0	9.0	
10		28.0	22.7	82.7	24.761	19.5	0.0	0.0	0.0	
11		29.0	23.2	82.3	22.565	19.7	0.0	0.0	0.0	
12		29.0	21.8	81.7	22.443	19.3	2.0	0.0	2.0	
13		26.0	21.4	86.7	22.411	19.3	0.0	0.0	0.0	
14		21.0	18.9	94.2	20.702	16.1	6.0	1.0	7.0	
15		23.0	21.2	88.2	24.155	19.1	2.0	0.0	2.0	
16		29.0	22.3	82.3	21.571	19.0	0.0	0.0	0.0	
17		29.0	21.0	80.2	23.264	19.9	0.0	0.0	0.0	
18		29.0	20.0	85.3	21.345	18.2	74.0	0.0	74.0	
19		27.0	21.0	83.3	21.365	18.5	0.0	0.0	0.0	
20		29.0	21.0	87.4	21.653	18.5	5.0	0.0	5.0	
21		29.0	21.0	87.5	21.172	18.5	12.0	0.0	12.0	
22		29.0	20.0	90.6	24.066	20.4	2.0	0.0	2.0	
23		26.0	20.0	86.4	23.609	19.4	2.0	0.0	2.0	
24		27.0	20.0	86.4	24.611	20.1	0.0	0.0	0.0	
25		27.0	20.0	86.6	24.402	18.6	11.0	0.0	11.0	
26		27.0	20.0	88.0	24.044	20.4	0.0	11.0	11.0	
27		27.0	21.1	84.3	21.262	18.5	0.0	0.0	0.0	
28		27.0	21.4	83.1	21.452	18.6	1.0	0.0	1.0	
29		27.0	20.5	86.4	21.521	18.5	1.0	0.0	1.0	
30		27.0	21.8	86.3	22.277	19.2	1.0	5.0	6.0	
31		27.0	22.0	88.5	23.420	20.0	0.0	0.0	0.0	
PROM.							149.0	164.0	313.0	

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		26.4	20.8	44.0	20.632	18.0	0.0	0.0	0.0	0.0
2	18.5	27.0	21.2	81.9	20.487	17.8	0.0	0.0	0.0	6.7
3	17.0	28.0	22.2	78.7	21.563	18.6	3.0	0.0	3.0	8.3
4	18.2	25.0	22.3	78.1	21.324	18.5	0.0	5.6	5.6	8.7
5	18.0	27.0	23.7	87.6	25.514	21.4	0.0	0.0	0.0	6.8
6	17.4	27.0	20.5	83.2	20.821	18.0	41.8	0.4	42.2	4.8
7	17.0	28.0	23.1	81.1	21.563	18.5	0.0	0.0	0.0	4.8
8	17.4	28.0	23.3	72.3	20.217	17.6	0.0	0.0	0.0	5.5
9	17.0	29.0	22.6	84.1	23.115	18.6	0.0	0.2	0.2	6.2
10							0.0	0.0	0.0	5.7
11							0.0	0.0	0.0	5.1
12							6.0	2.8	8.8	8.0
13							0.0	0.5	0.5	7.9
14	27.0	30.0	22.2	85.5	22.656	18.5	0.0	0.0	0.0	5.6
15	29.0	30.0	22.5	79.2	21.421	18.6	0.0	0.0	0.0	9.2
16							0.0	0.0	0.0	1.7
17							0.0	0.0	0.0	8.4
18							40.0	0.7	40.7	7.7
19							28.5	27.6	56.1	6.4
20							2.0	0.0	2.0	6.4
21							0.0	0.0	0.0	8.3
22							0.0	0.0	0.0	8.5
23							0.0	0.0	0.0	7.4
24							0.0	0.0	0.0	9.3
25							0.0	0.0	0.0	8.3
26		29.0	21.4	77.0	19.704	17.3	0.0	0.0	0.0	8.5
27		29.0	22.2	80.7	21.266	18.5	0.0	0.0	0.0	8.5
28		31.0	24.0	72.0	21.453	18.7	0.0	0.0	0.0	10.6
29		31.0	22.4	64.0	16.024	14.6	0.0	0.0	0.0	9.4
30		28.0	24.7	64.7	19.386	18.8	0.0	0.0	0.0	9.0
PROM.							122.2	37.8	160.0	221.5

ESTACION: PUEBLO SELLO
 ALTITUD: 1.000

MUNICIPIO: PUEBLO BELLOAÑO: 1.980
 LATITUD: 10-22 N. LONGITUD: 73-38 W.

M E S - J U L I O

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	28.5	22.6	75.3	19.451	17.3	0.0	0.0	0.0	6.8
2	16.5	27.0	21.7	84.0	21.635	18.9	0.0	0.0	0.0	7.1
3	15.3	28.0	22.4	76.2	20.141	17.6	0.0	0.0	0.0	9.5
4	15.5	30.0	23.9	73.9	20.947	18.2	0.0	0.0	0.0	8.2
5	16.0	30.0	22.6	76.6	20.843	18.1	0.0	0.0	0.0	10.3
6	16.0	30.0	24.0	71.5	20.825	18.1	0.0	0.0	0.0	8.4
7	17.5	28.1	22.3	61.5	22.054	19.1	0.0	0.0	0.0	3.9
8	15.4	31.0	22.7	78.0	21.225	18.4	0.0	0.0	0.0	10.6
9	13.3	29.0	21.6	76.4	18.444	18.5	0.0	0.0	0.0	9.5
10	17.3	26.0	22.2	84.3	22.547	19.4	0.0	3.7	3.7	5.6
11	18.5	27.0	21.0	85.4	21.668	18.8	0.7	0.1	0.8	6.1
12	16.5	28.0	22.1	62.2	22.835	19.2	0.0	0.0	0.0	8.2
13	15.5	28.0	21.7	64.2	21.635	18.9	0.0	0.1	0.1	7.2
14	16.5	28.0	21.0	82.2	21.543	18.2	3.2	1.1	6.0	7.2
15	17.0	28.0	21.1	65.5	22.026	19.0	2.5	0.0	2.5	7.2
16	17.0	28.0	21.4	69.0	22.712	19.5	0.0	0.0	0.0	7.7
17	19.0	28.0	21.5	65.0	23.361	20.0	0.0	0.0	0.0	5.7
18	19.5	28.0	21.4	60.1	21.435	18.6	0.0	0.0	0.0	5.3
19	16.5	28.0	21.9	77.5	21.216	18.4	0.0	0.0	0.0	6.2
20	15.5	29.0	22.3	80.0	21.265	18.5	0.0	0.0	0.0	7.2
21	17.0	27.2	22.1	84.8	19.576	17.5	0.5	0.0	0.5	5.3
22	14.0	27.1	21.7	81.6	20.557	17.9	0.0	10.6	10.6	8.9
23	15.0	26.6	21.5	75.7	18.758	16.4	0.0	0.0	0.0	5.9
24	17.0	26.3	21.5	87.6	22.245	19.2	0.0	0.0	0.0	6.6
25	17.0	27.0	21.2	63.5	21.347	16.5	0.0	0.0	0.0	9.0
26	15.0	29.0	20.9	84.8	21.156	18.4	1.7	0.4	2.1	7.4
27	14.4	28.2	19.6	65.5	19.610	17.3	33.8	2.9	36.7	7.1
28	15.0	26.3	20.0	85.5	20.243	17.7	35.9	12.6	48.7	6.5
29	16.0	27.2	20.2	84.5	20.260	17.7	0.0	0.0	0.0	7.5
30	14.8	28.0	20.8	84.5	20.635	18.1	6.3	0.0	6.3	7.4
31	15.5	28.0	21.6	62.1	20.657	18.1	0.0	0.0	0.0	8.0
PROM.	16.0	28.1	21.8	81.6	21.100	18.3	89.5	31.7	121.2	227.6

M E S - A G O S T O

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	27.1	22.0	78.5	20.460	18.0	0.0	0.0	0.0	4.0
2	17.5	27.0	22.3	87.0	21.534	18.6	78.1	0.0	78.1	1.8
3	14.0	28.5	22.7	78.4	20.542	18.2	0.0	0.0	0.0	9.2
4	17.0	28.0	21.6	84.7	21.512	18.9	0.0	0.0	0.0	8.6
5	15.5	30.0	21.7	83.5	21.700	18.6	0.1	4.3	4.4	8.6
6	18.0	28.3	22.5	82.3	22.126	19.1	0.0	1.8	1.8	8.8
7	18.0	28.6	22.2	93.2	21.714	18.8	22.9	1.7	24.6	3.5
8	18.0	26.5	20.5	88.1	21.672	18.8	54.7	24.6	79.3	2.6
9	15.0	26.0	21.2	87.7	21.520	18.9	0.0	0.0	0.0	5.7
10	15.0	26.5	20.3	86.2	20.501	17.9	11.3	0.0	11.3	4.6
11	16.0	28.5	21.4	81.3	21.795	18.8	0.0	0.0	0.0	9.3
12	15.6	28.0	21.9	83.7	21.521	19.0	0.0	0.0	0.0	6.5
13	16.0	28.3	21.0	81.0	21.138	18.4	0.3	0.0	0.3	5.0
14	14.6	28.0	21.1	83.2	21.796	18.7	0.0	0.0	0.0	7.8
15	16.0	28.8	21.1	84.2	21.308	18.5	29.2	0.0	29.2	7.1
16	17.0	28.0	21.6	83.7	21.656	18.8	0.0	0.0	0.0	7.1
17	17.5	28.5	22.0	82.1	22.074	19.1	0.0	0.0	0.0	5.2
18	16.5	27.0	21.5	83.5	22.559	19.4	0.3	32.5	32.6	3.7
19	17.0	28.5	22.6	87.3	20.030	17.5	7.7	1.2	8.9	3.5
20	15.5	27.0	21.4	87.6	22.267	19.1	0.0	0.0	0.0	6.8
21	17.0	28.0	20.9	87.7	22.081	19.1	20.5	3.3	23.8	7.2
22	16.5	27.0	20.2	87.7	21.111	18.3	4.0	0.0	4.0	5.0
23	17.0	27.0	21.5	88.3	22.651	19.5	0.0	0.0	0.0	7.0
24	14.5	29.0	21.8	78.6	19.878	17.3	0.0	0.0	0.0	6.5
25	14.6	29.0	21.2	80.6	21.237	18.4	1.5	0.0	1.5	9.0
26	17.5	28.3	22.3	77.6	21.783	18.6	0.0	0.0	0.0	6.5
27	17.5	28.5	22.2	83.5	22.601	19.4	3.3	0.0	3.3	7.5
28	17.5	27.5	21.5	86.6	22.656	19.5	0.0	6.9	6.9	4.5
29	17.5	26.0	21.0	87.3	22.037	19.0	0.0	1.0	1.0	2.5
30	18.0	27.5	21.2	87.6	22.577	19.4	4.8	0.0	4.8	5.9
31	16.0	28.5	20.2	89.1	21.512	18.5	0.5	0.0	0.5	8.8
PROM	16.5	27.5	21.5	84.6	21.653	18.7	239.2	77.3	316.5	195.1

ESTACION: PUEBLO BELLO

MUNICIPIO: PUEBLO BELLOARO:

1.980

ALTITUD: 1.000

LATITUD: 10-22 N.

LONGITUD: 73-38 W.

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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	25.5	21.2	85.5	21.44	19.0	4.5	16.6	21.1	6.9
2	17.0	27.2	21.6	80.6	20.533	17.5	0.0	0.0	0.0	7.5
3	16.0	27.2	21.4	84.7	21.838	18.5	1.5	0.4	1.9	6.5
4	16.0	27.2	21.6	84.5	21.654	18.7	7.8	0.0	7.8	3.6
5	16.0	28.0	22.0	85.5	21.550	19.4	0.0	0.0	0.0	7.3
6	16.5	29.5	22.8	82.6	21.953	19.7	0.0	25.8	25.8	7.9
7	16.5	29.0	22.3	75.6	20.950	18.2	0.0	0.0	0.0	7.2
8	18.0	28.0	21.3	83.0	21.471	16.5	31.2	0.0	31.2	5.9
9	16.9	27.0	21.5	80.6	21.513	17.5	0.0	0.0	0.0	3.1
10	15.0	26.3	20.7	82.6	20.063	17.5	0.0	0.0	0.0	7.7
11	16.0	29.0	22.6	81.5	21.022	19.0	0.0	0.0	0.0	7.3
12	15.5	28.2	21.7	85.2	21.342	15.0	0.1	0.2	0.3	6.9
13	14.5	28.5	21.2	87.6	21.318	19.1	0.0	0.0	0.0	6.3
14	15.0	28.0	21.1	85.6	21.615	19.3	22.6	30.0	53.4	7.6
15	15.0	26.2	19.8	88.6	21.625	17.9	33.7	5.9	39.6	5.2
16	17.3	25.5	20.8	86.4	21.601	18.7	0.0	0.0	0.0	3.6
17	15.6	27.3	21.9	86.2	21.579	19.4	0.0	0.0	0.0	7.8
18	17.6	27.2	21.8	82.3	21.416	18.6	0.0	0.0	0.0	6.2
19	17.0	27.0	21.1	87.4	21.336	19.0	0.0	0.0	0.0	5.4
20	16.0	28.0	22.1	85.4	22.581	15.4	12.4	1.5	13.9	9.6
21	17.5	26.0	20.8	86.3	22.090	15.1	0.0	0.0	0.0	4.4
22	15.0	25.4	19.9	89.7	21.017	18.2	9.2	0.0	9.2	4.9
23	15.6	26.3	20.4	85.0	20.549	17.9	0.0	0.0	0.0	7.3
24	14.5	29.0	20.8	74.2	17.132	14.8	2.3	0.0	2.3	7.2
25	16.5	29.4	20.9	83.6	21.112	18.3	21.9	3.0	24.9	6.6
26	17.5	26.0	20.7	83.8	20.504	18.2	7.5	0.0	7.5	1.5
27	15.0	27.0	20.5	86.4	20.518	18.1	17.0	0.0	17.0	7.4
28	15.0	27.0	21.6	87.3	22.208	19.1	0.0	0.0	0.0	6.2
29	16.6	29.5	22.3	82.3	22.311	19.2	1.1	2.8	3.9	5.7
30	17.5	25.0	21.3	83.1	23.650	20.2	0.0	0.0	0.0	6.0
PROM.	16.1	27.4	21.3	84.8	21.527	18.6	173.3	87.7	261.0	186.7

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	17.3	28.0	21.6	88.4	23.265	19.9	0.0	0.0	0.0	3.3
2	18.0	27.5	22.1	87.6	23.555	20.1	3.6	0.8	4.4	9.3
3	17.2	28.5	21.8	82.1	21.148	18.3	7.0	0.0	7.0	5.5
4	16.6	28.8	22.6	83.6	22.787	19.6	1.0	45.7	46.7	6.3
5	16.6	29.0	23.2	82.3	22.985	19.7	1.9	0.0	1.9	6.3
6	17.3	29.5	23.5	80.5	22.238	19.2	0.3	4.5	4.8	6.0
7	16.4	27.0	21.3	87.7	22.480	19.3	4.1	0.0	4.1	3.7
8	17.0	21.5	18.9	93.6	20.574	18.0	0.0	0.0	0.0	3.4
9	16.5	25.6	21.1	88.1	21.931	19.0	2.1	0.2	2.3	5.2
10	15.3	29.0	22.3	82.7	22.123	19.0	19.5	0.0	19.5	6.4
11	17.0	29.3	23.7	80.3	23.114	19.8	7.6	0.5	8.1	5.5
12	17.2	25.3	20.3	86.4	22.060	19.0	0.0	0.0	0.0	6.5
13	15.0	27.9	21.0	86.1	21.326	16.5	18.4	0.1	18.5	7.8
14	15.6	27.0	20.4	85.8	20.751	18.0	0.2	0.0	0.2	7.3
15	15.5	27.5	22.3	80.2	21.273	16.5	0.0	0.0	0.0	9.8
16	14.5	27.6	20.7	87.1	21.814	18.8	24.5	0.0	24.5	7.7
17	15.0	27.6	20.9	82.0	19.528	17.4	0.0	0.0	0.0	5.1
18	17.6	22.4	15.2	91.6	20.443	17.8	6.1	0.0	6.1	6.3
19	16.6	26.4	21.3	83.8	21.127	18.3	0.2	0.0	0.2	6.8
20	15.6	28.5	21.4	80.8	20.372	17.8	0.0	0.0	0.0	4.3
21	16.5	25.5	16.7	91.0	20.028	17.5	16.4	0.0	16.4	1.0
22	14.0	28.0	21.4	83.6	21.255	18.4	0.0	0.0	0.0	5.9
23	14.5	27.5	20.2	83.6	21.264	18.5	0.0	0.0	0.0	9.7
24	14.5	28.3	21.2	84.2	20.330	17.7	18.3	0.0	18.3	7.0
25	14.5	28.3	21.4	82.5	21.353	16.5	0.0	0.0	0.0	7.4
26	15.5	27.4	22.3	82.1	21.531	16.6	0.0	0.0	0.0	5.6
27	17.0	25.2	20.3	88.7	20.259	18.0	0.0	0.0	0.0	5.4
28	15.0	27.0	19.9	89.0	20.258	17.7	0.0	0.0	0.0	6.3
29	14.5	27.0	20.3	89.6	19.806	17.3	0.0	0.0	0.0	6.2
30	15.6	27.0	20.7	87.1	20.942	18.2	0.7	3.0	3.7	5.3
31	16.3	24.2	20.4	85.5	20.269	17.6	0.0	0.0	0.0	5.9
PROM.	16.0	27.1	21.1	85.2	21.396	18.5	131.9	54.8	186.7	194.4

ESTACION: PUEBLO BELLO
 ALTITUD: 1.000

MUNICIPIO: PUEBLO BELLO AÑO: 1.980
 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	14.5	26.6	21.7	84.8	22.062	15.0	0.0	0.4	0.4	9.3
2	17.3	28.6	20.1	88.5	21.388	18.5	19.5	2.9	22.4	7.4
3	15.5	28.0	20.4	85.5	20.551	17.9	0.0	0.0	0.0	3.7
4	16.0	28.8	20.2	87.2	21.058	18.3	25.7	0.0	25.7	6.5
5	16.0	28.4	19.8	90.2	21.310	18.4	29.2	9.4	38.6	4.0
6	16.0	28.0	20.6	84.9	20.656	18.0	19.7	0.0	19.7	3.8
7	17.5	28.0	19.9	88.5	20.723	18.1	0.2	0.5	0.7	6.0
8	14.6	28.0	18.6	87.3	18.621	16.5	34.7	16.0	50.7	2.6
9	13.3	28.0	19.6	87.4	19.870	17.3	27.8	0.0	27.8	4.8
10	14.4	28.0	19.8	85.9	19.663	17.2	0.0	0.0	0.0	6.5
11	14.5	27.3	20.3	83.7	20.158	17.6	0.2	0.0	0.2	6.9
12	14.0	27.2	19.7	79.6	18.558	16.3	22.4	9.2	31.6	0.6
13	16.6	28.0	20.0	81.3	18.171	16.8	0.0	0.0	0.0	8.2
14	15.3	28.0	20.7	85.7	20.673	16.2	0.0	0.0	0.0	
15	14.5	26.5	21.1	80.6	20.074	17.5	0.0	0.0	0.0	
16	14.0	26.0	20.3	83.6	19.517	17.4	0.0	0.0	0.0	10.6
17	13.3	26.8	19.8	81.7	18.555	16.2	0.0	0.0	0.0	10.0
18							0.0	0.0	0.0	10.1
19										
20										
21										
22										
23										
24										
25										
26										
27	14.4	25.0	19.3	72.7	15.649	13.9	0.0	0.0	0.0	
28	14.8	30.0	21.5	65.4	15.141	12.6	0.0	0.0	0.0	
29	15.0	27.0	20.6	81.6	16.427	17.0	0.0	0.0	0.0	
30	17.0	27.2	21.1	83.8	21.173	18.4	0.0	0.0	0.0	
PROM.										

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	27.5	19.8	77.6	17.527	15.4	0.0	0.0	0.0	
2	12.0	27.2	18.5	79.7	17.005	14.9	0.0	0.0	0.0	
3	11.3	27.2	19.0	76.2	16.466	14.4	0.0	0.0	0.0	
4	13.5	28.0	20.6	75.2	18.161	15.9	0.0	0.0	0.0	
5	13.5	28.0	20.2	77.2	18.322	16.0	0.0	0.0	0.0	
6	13.5	28.0	20.0	82.3	19.066	16.7	0.0	0.0	0.0	
7	15.5	28.0	20.7	79.5	19.058	16.7	0.0	0.0	0.0	
8	16.0	28.0	20.7	64.5	20.712	18.0	0.3	0.0	0.3	
9	14.5	28.0	20.5	61.1	18.641	17.3	0.0	0.0	0.0	
10	13.5	27.3	20.7	82.5	19.784	17.2	0.0	0.0	0.0	
11	13.4	28.4	21.7	79.4	20.054	17.5	0.0	0.0	0.0	
12	14.5	28.0	20.4	83.6	20.336	17.7	1.8	0.0	1.8	
13	17.0	26.8	20.8	81.5	20.021	17.5	26.7	0.2	29.9	
14	13.5	27.2	20.2	82.7	20.452	17.8	0.0	0.0	0.0	
15	14.5	26.3	19.8	83.9	19.220	16.9	9.3	0.0	9.3	
16	14.5	27.0	19.5	82.8	18.504	16.6	37.2	0.1	37.3	
17	15.5	26.9	20.8	83.5	20.411	17.7	0.7	0.0	0.7	
18	14.5	27.5	20.3	80.9	19.243	16.9	0.0	0.0	0.0	
19	14.3	24.0	18.9	76.8	16.259	14.3	0.0	0.0	0.0	
20	11.5	27.6	18.7	79.4	17.054	14.9	0.0	0.0	0.0	
21	13.0	27.5	19.8	62.6	18.750	16.3	0.0	0.0	0.0	
22	14.5	28.0	19.8	79.6	18.068	15.9	0.0	0.0	0.0	
23	12.5	28.0	20.0	81.4	18.591	16.3	0.0	0.0	0.0	
24	12.5	28.0	20.7	75.4	17.593	15.7	0.0	0.0	0.0	
25	15.0	27.0	20.8	86.0	21.135	18.1	0.0	0.0	0.0	
26	16.5	27.6	21.1	80.6	19.519	17.4	0.0	12.9	12.9	
27	15.5	24.5	19.7	83.6	18.278	16.9	0.0	0.0	0.0	
28	15.5	24.1	19.8	86.9	20.225	17.7	7.9	5.0	12.9	
29	16.0	24.0	19.4	84.5	18.552	16.7	0.2	0.4	0.6	
30	16.5	24.0	19.2	86.2	18.269	16.9	2.0	0.0	2.0	
31	14.5	26.6	18.9	83.2	17.662	15.7	5.1	0.0	5.1	
PROM.	14.3	27.0	20.1	81.4	18.573	16.6	94.2	18.6	112.8	

ESTACION: MCNTEL IBANO
 ALTITUD: 1.340

MUNICIPIO: YACOPI
 LATITUD: 5-28 N.

ARO: 1.980
 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	17.0	22.2	19.2	54.3	20.668	18.2	5.3	0.0	5.3	2.6
2	17.5	23.0	16.8	48.0	20.305	17.7	0.0	3.7	3.7	3.3
3	15.5	24.0	20.0	88.0	20.373	17.8	0.0	0.0	0.0	7.7
4	16.3	24.0	20.1	86.0	20.163	17.6	0.0	0.0	0.0	6.8
5	17.0	24.5	20.6	86.0	20.562	17.9	0.0	0.0	0.0	5.2
6	17.5	24.5	20.4	85.0	20.730	18.1	0.0	0.0	0.0	6.4
7	17.0	24.5	20.4	86.0	20.638	18.0	0.0	2.0	2.2	6.3
8	16.5	23.6	20.3	89.0	19.370	16.9	0.0	0.0	0.0	8.4
9	17.0	24.3	20.2	88.0	21.241	18.4	0.0	1.2	1.2	4.8
10	17.0	24.3	20.2	89.0	20.919	18.2	0.0	0.0	0.0	5.9
11	17.5	24.0	19.8	86.0	19.916	17.4	0.0	0.0	0.0	9.0
12	16.6	24.0	19.9	77.0	17.972	15.7	0.0	0.0	0.0	0.0
13	16.0	24.5	19.5	62.0	18.292	16.0	0.0	0.0	0.0	6.9
14	16.6	24.0	19.5	82.0	18.342	16.0	0.0	0.0	0.0	4.3
15	15.5	24.0	19.6	80.0	18.667	15.9	0.0	0.0	0.0	9.2
16	16.0	23.0	19.5	83.0	18.710	16.4	0.0	0.0	0.0	2.6
17	16.5	22.5	19.4	83.0	18.722	16.4	0.0	0.0	0.0	3.7
18	17.0	22.0	20.0	66.0	19.966	17.5	0.0	0.0	0.0	3.2
19	17.0	22.0	20.0	53.0	20.368	17.8	0.0	0.0	0.0	2.9
20	16.5	22.8	19.6	85.0	19.357	16.9	0.0	0.0	0.0	4.8
21	16.3	24.0	19.3	85.0	19.169	16.8	0.0	0.0	0.0	3.1
22	16.5	25.0	20.2	85.0	19.859	17.3	0.0	6.8	6.8	6.8
23	17.0	24.5	20.6	90.0	21.657	19.0	5.8	0.0	5.8	4.5
24	18.0	24.0	20.0	95.0	22.382	19.3	0.0	0.0	0.0	1.9
25	16.5	26.0	21.1	64.0	20.743	18.0	0.0	0.0	0.0	7.4
26	17.5	27.0	21.5	67.0	17.351	15.1	0.0	0.1	0.1	9.4
27	17.5	26.5	21.2	68.0	17.006	14.8	0.0	0.0	0.0	9.6
28	18.0	23.0	19.9	89.0	21.156	16.4	0.0	0.0	0.0	2.3
29	16.5	24.5	21.0	85.0	21.054	18.3	0.0	0.0	0.0	3.6
30	16.5	22.0	19.5	87.0	19.626	17.2	0.0	0.0	0.0	1.4
31	17.0	23.4	19.9	65.0	20.065	17.6	9.2	0.0	9.2	3.8
PROM.	16.6	24.0	20.0	85.3	19.663	17.3	21.0	13.8	34.8	159.6

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	22.3	18.8	91.3	19.651	17.5	0.1	0.4	0.5	0.6
2	16.5	21.0	18.7	92.8	19.875	17.4	0.3	0.2	0.5	0.0
3	16.9	19.9	18.0	57.4	20.225	17.7	4.1	4.9	9.0	0.0
4	16.0	20.0	17.3	57.8	19.455	17.1	12.7	0.0	12.7	0.2
5	15.0	21.3	18.0	90.5	18.434	16.4	0.0	0.0	0.0	2.8
6	16.0	23.0	18.9	88.0	19.306	16.9	0.0	0.0	0.0	6.5
7	16.5	23.1	19.6	88.0	20.035	17.5	0.0	0.0	0.0	6.1
8	16.5	24.8	20.5	80.7	19.149	16.7	0.0	0.0	0.0	7.6
9	17.5	25.0	20.7	80.4	19.358	16.8	0.0	0.0	0.0	4.3
10	17.0	23.1	21.3	61.8	20.164	17.6	0.0	0.0	0.0	5.7
11	17.5	24.0	20.7	81.5	19.674	17.2	0.0	0.0	0.0	7.4
12	17.0	27.1	21.4	75.5	18.621	16.4	0.0	0.0	0.0	6.8
13	18.0	23.0	21.4	63.5	21.178	18.4	0.0	0.0	0.0	6.0
14	17.5	23.8	21.3	76.2	18.607	16.5	0.0	0.0	0.0	7.4
15	16.5	23.8	20.7	77.7	18.236	16.2	0.0	0.2	0.2	8.1
16	17.0	24.0	20.0	88.8	20.660	17.9	0.1	0.0	0.1	2.7
17	17.5	24.1	19.2	92.4	20.520	17.9	6.0	0.0	6.0	2.7
18	16.0	24.0	20.5	76.2	18.089	15.9	0.0	0.0	0.0	6.0
19	17.5	23.6	20.4	87.7	20.036	18.1	0.0	43.5	43.5	3.9
20	16.0	21.3	18.9	93.4	20.166	17.6	5.4	4.1	9.5	1.8
21	16.0	20.0	17.8	96.4	19.668	17.1	20.1	0.0	20.1	0.2
22	16.5	24.5	20.3	81.9	19.204	16.8	0.0	0.0	0.0	8.9
23	16.3	24.0	20.3	85.3	20.175	17.6	0.0	0.0	0.0	6.9
24	16.5	23.3	20.4	87.0	20.400	18.2	0.0	0.0	0.0	5.9
25	16.6	24.3	20.5	79.0	18.655	16.6	0.0	0.0	0.0	6.0
26	16.5	24.1	20.4	76.4	18.154	16.0	0.0	0.0	0.0	7.9
27	17.0	23.0	20.0	74.4	17.604	15.3	0.0	0.0	0.0	7.6
28	17.0	23.0	20.5	76.0	18.157	15.9	0.0	0.0	0.0	9.0
29	17.5	23.0	20.6	61.5	19.536	17.1	0.0	0.0	0.0	7.2
PROM.	16.7	23.6	19.9	84.5	19.605	17.0	48.8	53.3	102.1	148.5

ESTACION: MONTELIBANO
 ALTITUD: 1.340

MUNICIPIO: YACOPI
 LATITUD: 5-28 N.

AÑO: 1.980
 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	17.0	25.3	20.6	81.9	19.633	17.1	0.0	0.0	0.0	6.3
2	16.4	25.1	20.9	75.0	18.360	16.1	0.0	8.5	8.5	9.0
3	16.5	23.0	19.9	81.2	18.737	16.4	0.0	2.6	2.6	6.2
4	15.5	22.4	20.3	82.4	19.174	16.8	0.0	10.6	10.6	5.7
5	16.5	22.3	19.1	85.6	18.919	16.6	0.0	0.0	0.0	6.0
6	17.5	24.2	20.4	60.0	16.801	16.5	0.0	0.0	0.0	7.5
7	16.5	25.4	21.8	75.6	15.505	17.1	0.0	0.0	0.0	7.1
8	16.0	26.0	20.7	80.3	16.770	17.3	0.0	0.0	0.0	3.8
9	17.5	25.2	21.3	83.0	20.513	16.2	0.0	0.0	0.0	6.6
10	17.5	25.1	20.6	81.9	20.242	17.6	5.9	1.0	6.9	4.7
11	16.0	25.4	21.4	87.3	22.212	19.2	0.0	0.1	0.1	6.5
12	16.5	28.0	22.1	71.7	18.201	15.8	0.0	0.0	0.0	3.8
13	18.0	24.6	21.5	80.7	21.720	18.8	0.0	0.7	0.7	7.6
14	18.0	25.4	21.7	81.6	20.753	18.0	0.0	23.7	23.7	2.2
15	17.0	25.3	20.5	82.9	15.668	17.1	2.7	0.0	2.7	4.8
16	17.0	25.3	20.5	82.9	15.679	16.7	0.0	23.7	23.7	6.3
17	16.5	26.0	19.8	79.4	18.576	16.6	35.6	4.0	39.6	3.7
18	15.5	23.0	20.1	89.1	20.764	18.1	0.0	15.4	15.4	2.7
19	16.5	23.4	20.6	86.7	20.641	18.1	0.0	0.0	0.0	5.6
20	17.0	26.0	21.3	83.8	20.507	18.1	0.0	0.0	0.0	5.5
21	17.0	25.4	21.5	85.3	21.244	16.7	0.0	12.5	12.5	4.7
22	15.3	23.0	19.7	90.3	20.871	18.2	0.0	4.0	4.0	3.2
23	16.0	26.0	20.6	89.7	21.872	18.9	0.0	0.0	0.0	5.2
24	16.0	26.6	20.3	78.9	19.061	16.7	14.6	0.0	14.6	7.3
25	16.0	26.0	21.3	74.3	19.169	16.8	0.1	0.0	0.6	4.2
26	16.5	27.8	22.2	79.0	20.337	17.8	0.0	0.0	0.0	8.1
27	18.0	28.0	23.9	70.1	19.558	17.2	0.0	0.0	0.0	9.9
28	19.0	30.0	24.3	60.0	17.247	14.5	0.0	0.0	0.0	8.6
29	19.5	31.0	23.6	55.5	16.253	14.2	2.5	3.9	6.4	10.0
30	17.5	24.0	19.8	51.1	21.352	18.5	14.6	1.1	15.7	0.7
31	16.0	26.4	21.4	75.6	19.038	16.6	1.9	0.0	1.9	9.4
PROM.	17.0	25.6	21.2	80.2	19.695	17.3	77.9	112.3	190.2	183.5

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	27.3	22.5	73.1	19.055	16.8	0.0	4.2	4.2	7.6
2	18.0	22.2	19.0	86.6	15.163	16.8	12.1	18.2	30.3	4.0
3	16.6	24.3	20.5	86.8	20.561	16.3	0.2	5.7	5.9	5.7
4	15.5	23.3	20.4	86.3	20.414	17.8	6.8	0.0	6.8	6.4
5	15.5	25.4	20.2	85.9	20.833	18.1	0.0	0.6	0.6	4.9
6	16.0	22.0	19.4	89.6	21.254	18.5	0.0	0.0	0.0	2.0
7	16.0	23.3	20.3	81.6	18.429	16.2	0.0	0.0	0.0	0.7
8	16.5	24.3	20.2	84.3	19.643	17.2	0.0	0.0	0.0	3.8
9	17.0	25.4	20.4	82.6	19.557	17.1	0.0	30.6	30.6	8.6
10	16.0	24.0	20.1	83.7	19.662	17.2	0.0	0.0	0.0	6.7
11	16.5	25.3	20.6	77.7	18.468	16.2	0.5	0.0	0.5	7.3
12	16.0	26.8	20.9	80.1	19.418	16.9	0.0	0.0	0.0	8.4
13	16.5	26.0	21.7	79.6	20.302	17.7	0.0	0.0	0.0	4.0
14	15.0	25.0	20.3	76.6	17.533	15.8	0.0	8.2	8.2	6.6
15	15.5	23.7	19.0	87.3	19.361	17.0	21.1	0.0	21.1	3.2
16	16.0	25.0	22.8	69.1	18.358	16.1	1.4	0.0	1.4	8.6
17	16.5	26.3	22.4	60.0	16.387	14.3	0.0	0.0	0.0	4.5
18	17.6	26.4	22.7	62.0	16.751	14.7	0.0	0.0	0.0	8.7
19	18.6	30.3	24.3	55.4	16.357	14.4	0.0	0.0	0.0	8.5
20	18.0	27.4	22.4	75.3	19.459	17.0	0.0	0.0	0.0	5.1
21	18.0	26.0	22.4	70.0	19.002	16.6	0.0	0.0	0.0	4.1
22	18.0	26.3	21.5	84.9	21.469	16.5	0.0	7.5	7.5	2.9
23	16.5	26.0	22.2	85.3	20.180	17.6	0.0	29.3	29.3	1.3
24	16.0	24.0	19.7	91.0	21.100	18.3	9.0	0.0	9.0	0.5
25	17.6	26.0	20.9	86.0	21.474	16.6	4.5	1.7	6.2	3.8
26	17.5	25.0	20.5	85.6	20.456	17.8	0.7	0.7	1.4	2.3
27	16.5	26.6	20.7	81.9	19.976	17.5	5.7	0.0	5.7	8.0
28	16.6	27.0	21.0	84.3	21.653	16.8	9.9	19.9	29.8	5.7
29	16.0	25.2	20.5	82.1	19.640	17.2	0.0	0.0	0.0	9.4
30	16.5	25.0	21.1	84.6	21.051	18.3	0.0	17.9	17.9	6.6
PROM.	16.7	25.4	20.9	80.0	19.600	17.1	71.9	145.0	216.9	160.4

ESTACION: MONTELIBANO
 ALTITUD: 1.340

MUNICIPIO: YACOPI
 LATITUD: 5-28 N.

AÑO: 1-980
 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	24.0	19.6	87.7	20.360	17.8	16.7	1.3	18.0	3.6
2	15.5	24.1	19.9	85.3	19.786	17.3	0.2	1.4	1.6	4.4
3	17.0	23.0	20.0	89.8	20.509	18.2	0.0	0.0	0.0	3.0
4	16.6	27.0	21.9	75.6	19.623	17.2	9.6	0.0	9.6	7.5
5	16.5	26.3	22.6	74.6	20.750	18.1	0.0	0.2	0.2	8.0
6	17.2	25.6	20.3	84.5	20.254	17.7	1.1	19.4	20.5	3.8
7	16.5	25.3	20.8	85.5	20.451	18.1	3.9	0.0	3.9	5.0
8	17.0	23.3	20.2	85.8	20.493	18.0	33.2	3.0	36.2	0.9
9	17.0	23.4	19.4	88.4	20.617	17.9	44.8	4.3	49.1	5.4
10	15.0	25.0	20.6	89.4	21.333	18.6	2.6	24.0	26.6	6.7
11	16.6	26.0	21.8	81.6	21.218	18.4	0.4	0.0	0.4	9.1
12	15.6	26.0	20.7	65.5	21.357	18.5	23.8	1.9	25.7	3.7
13	17.0	25.0	20.9	90.3	22.408	19.3	0.0	0.0	0.0	2.1
14	16.5	22.0	18.9	91.5	20.187	17.6	7.3	0.2	7.5	2.2
15	16.0	24.0	19.5	86.3	19.774	17.3	12.6	0.8	13.4	4.1
16	15.5	25.0	21.4	89.9	22.446	19.6	0.0	24.5	24.5	6.0
17	17.0	25.4	20.1	87.5	20.599	18.3	17.3	3.5	20.8	6.3
18	16.0	24.0	19.8	90.0	21.003	18.3	2.0	9.0	11.0	7.6
19	16.5	24.7	18.8	93.0	20.201	17.7	2.3	0.0	2.3	7.9
20	17.0	25.3	21.8	85.8	22.200	19.1	8.1	0.1	8.2	8.8
21	18.0	25.3	21.1	89.2	22.052	18.5	32.0	0.0	32.0	5.2
22	18.0	24.0	20.6	88.9	21.039	18.7	3.6	7.8	11.3	5.5
23	17.0	24.0	20.1	91.7	21.445	18.6	0.0	1.2	1.2	3.5
24	16.5	24.3	19.2	85.6	19.242	16.9	13.4	0.2	13.6	5.4
25	16.0	24.6	19.6	89.0	20.615	18.1	45.5	7.8	53.3	4.5
26	16.0	26.3	21.7	77.0	19.464	16.9	0.6	1.5	2.1	7.9
27	16.5	25.3	21.9	68.4	17.472	15.2	0.0	0.0	0.0	6.5
28	17.0	25.3	21.9	79.2	20.823	18.1	0.0	0.0	0.0	9.1
29	17.6	26.0	19.6	80.4	21.159	18.3	19.8	0.0	19.8	5.6
30	15.5	26.0	21.0	87.2	21.804	18.9	0.0	26.0	26.0	6.9
31	15.0	26.0	20.7	86.6	21.025	18.2	0.0	26.4	26.4	7.6
PROM.	16.5	25.0	20.5	85.9	20.614	18.1	292.7	164.5	457.2	167.3

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	15.5	24.0	18.5	89.7	19.469	17.1	9.0	0.9	9.9	3.8
2	15.5	24.0	19.9	72.2	16.554	14.5	0.0	0.0	0.0	3.9
3	17.0	26.0	22.0	76.6	19.470	16.2	0.0	3.6	3.6	6.2
4	16.0	26.1	21.9	76.1	19.650	17.3	0.0	0.0	0.0	9.1
5	17.5	26.3	20.9	84.2	20.852	18.1	9.0	4.0	13.0	5.9
6	16.0	25.4	20.4	86.1	20.551	17.9	0.0	0.0	0.0	3.7
7	16.5	26.5	22.0	78.4	20.611	17.9	0.0	0.0	0.0	5.2
8	16.5	28.0	21.9	78.3	20.276	17.6	0.0	4.1	4.1	7.8
9	16.5	26.4	22.0	82.9	21.303	16.4	0.0	4.2	4.2	7.0
10	17.0	23.0	19.3	91.1	20.656	18.0	3.5	0.6	4.1	1.1
11	16.0	25.0	19.7	85.3	19.503	17.1	6.6	0.0	6.6	5.2
12	17.6	24.0	19.8	85.3	21.615	18.7	8.9	0.7	9.6	0.9
13	16.5	26.3	20.7	80.9	19.310	16.8	0.0	0.0	0.0	4.8
14	16.5	28.0	23.2	63.6	17.012	14.8	0.0	0.0	0.0	11.1
15	19.8	25.6	24.9	45.4	14.367	12.2	0.0	0.0	0.0	10.8
16	17.2	25.0	24.0	42.0	12.509	10.3	0.0	0.0	0.0	11.0
17	17.0	27.1	21.2	78.0	19.718	17.3	0.0	13.2	13.2	6.9
18	15.6	26.3	20.4	85.9	20.617	18.1	5.2	0.0	5.2	5.6
19	16.5	25.4	20.0	88.3	21.184	18.4	7.2	0.0	7.2	4.6
20	16.0	22.0	18.8	93.6	20.320	17.7	1.3	0.0	1.3	0.2
21	15.5	25.6	21.9	67.3	16.576	14.5	0.0	2.8	2.8	7.4
22	16.4	26.6	21.1	75.5	18.259	15.8	0.1	5.0	5.1	8.7
23	15.6	26.0	20.1	81.6	18.216	16.9	4.5	0.0	4.5	7.3
24	17.5	26.0	20.6	86.6	20.598	18.2	0.9	0.0	0.9	7.3
25	17.5	27.3	22.4	84.8	22.669	19.5	0.0	0.0	0.0	7.6
26	17.6	27.0	21.8	86.9	22.662	19.5	0.0	5.4	5.4	5.7
27	17.5	27.0	22.1	60.0	15.613	13.5	0.0	0.0	0.0	8.2
28	17.5	28.8	23.0	36.8	10.322	7.4	0.0	0.3	0.3	8.6
29	16.5	28.0	22.1	62.5	16.448	14.2	0.9	0.0	0.9	9.1
30	17.6	27.1	20.5	60.5	19.704	17.3	5.5	0.0	5.5	5.2
PROM.	16.6	26.3	21.2	76.6	18.553	16.4	62.6	44.8	107.4	191.9

ESTACION: MONTIEL 184ND
 ALTITUD: 1.340

MUNICIPIO: YACCFI AÑO: 1.980
 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	16.5	26.3	22.2	72.7	19.351	17.0	0.0	2.0	2.0	5.8
2	16.5	27.3	20.8	74.3	17.541	15.8	0.4	0.0	0.4	9.8
3	15.5	27.3	23.3	77.2	20.550	17.8	0.0	0.0	0.0	10.1
4	18.5	29.4	23.9	45.1	13.418	11.2	0.0	0.0	0.0	11.4
5	17.6	29.4	23.8	47.6	13.564	11.5	0.0	0.0	0.0	8.6
6	17.6	29.3	22.7	46.1	12.207	9.5	0.0	0.0	0.0	8.5
7	17.0	29.3	22.2	58.1	15.474	13.1	0.0	0.0	0.0	9.5
8	17.0	27.6	20.0	77.3	18.162	15.8	8.2	0.0	8.2	5.8
9	16.0	24.6	20.5	68.6	21.205	16.4	1.6	0.0	1.6	1.8
10	16.0	25.3	19.1	93.3	20.635	18.1	7.9	0.0	7.9	3.5
11	15.0	26.0	20.2	65.0	19.536	17.4	0.0	0.1	0.1	4.6
12	16.0	27.0	21.4	84.7	21.776	18.8	1.9	0.0	1.9	6.2
13	16.5	27.8	22.9	72.5	19.669	17.3	0.9	0.0	0.9	6.7
14	16.5	25.8	21.4	86.3	21.744	18.8	4.2	0.0	4.2	6.4
15	16.5	25.8	20.6	75.2	18.136	15.9	0.0	0.0	0.0	6.0
16	15.0	26.8	20.3	60.3	16.475	17.1	1.1	0.0	1.1	8.3
17	15.5	28.0	21.8	61.7	15.874	13.8	0.0	0.0	0.0	8.8
18	16.5	26.0	22.8	49.9	13.666	11.6	0.0	0.0	0.0	5.2
19	17.0	27.0	22.0	77.2	19.612	17.0	0.0	0.0	0.0	7.2
20	17.0	28.1	21.1	76.9	18.535	16.5	8.7	2.9	11.6	6.7
21	17.5	26.0	20.8	65.4	21.035	16.3	0.0	0.4	0.4	5.6
22	15.5	26.0	20.5	79.3	19.418	17.0	36.8	0.2	37.0	9.2
23	15.5	27.0	21.7	68.3	17.165	14.6	0.0	22.2	22.2	7.4
24	15.5	26.3	20.7	85.6	20.555	17.9	0.4	0.0	0.4	6.9
25	16.4	27.0	21.4	81.7	20.565	17.9	0.0	0.2	0.2	5.8
26	16.0	29.0	22.0	81.6	21.335	18.5	1.5	0.0	1.5	7.6
27	16.0	28.6	20.3	83.0	20.071	17.5	2.4	22.5	24.9	7.5
28	14.5	25.0	20.3	84.8	20.017	17.5	0.0	0.2	0.2	1.3
29	15.5	26.3	21.3	81.8	20.776	18.1	0.0	0.0	0.0	9.2
30	17.0	25.3	20.3	77.5	16.476	16.2	2.1	0.1	2.2	7.3
31	16.5	27.0	22.7	67.0	17.560	15.4	0.0	0.0	0.0	7.8
PROM.	16.3	27.0	21.4	74.3	18.651	16.2	78.1	50.8	128.9	219.5

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	16.6	25.4	21.2	68.6	17.235	15.2	16.6	0.7	17.3	6.4
2	15.5	27.0	20.0	76.4	17.521	18.7	16.0	0.0	16.0	6.8
3	14.5	25.0	19.4	79.6	16.329	16.1	0.2	5.2	5.4	9.5
4	13.0	25.3	21.6	79.0	20.221	17.6	0.0	4.5	4.5	7.4
5	14.0	24.3	20.1	84.0	19.403	17.0	0.1	0.0	0.1	6.3
6	15.6	25.3	20.1	86.3	20.266	17.7	11.4	0.0	11.4	5.7
7	16.6	23.3	20.3	90.9	21.612	18.7	0.0	3.6	3.6	5.8
8	16.0	22.4	19.8	91.4	21.191	18.4	0.0	0.2	0.2	0.2
9	15.5	25.8	21.1	85.5	21.046	18.2	0.0	0.0	0.0	4.3
10	16.0	24.4	20.5	87.5	20.501	18.2	0.2	0.0	0.2	5.5
11	15.5	27.3	21.9	67.7	17.004	14.8	0.0	0.0	0.0	5.2
12	18.3	26.0	23.4	45.8	13.072	10.9	0.0	0.0	0.0	7.5
13	16.5	27.6	22.2	78.0	20.682	18.0	0.0	0.6	0.6	8.4
14	17.0	25.0	20.8	87.4	21.651	18.7	0.0	0.0	0.0	3.4
15	16.3	26.1	19.8	81.7	18.709	16.4	35.1	0.2	35.3	5.2
16	15.5	25.9	20.6	81.3	19.654	17.3	0.6	0.0	0.6	3.4
17	15.8	24.0	20.1	84.1	19.541	17.0	0.0	0.0	0.0	6.0
18	16.0	22.0	15.1	84.7	15.018	16.7	6.7	0.0	6.7	2.6
19	15.0	24.3	20.4	77.8	18.550	16.3	0.0	0.0	0.0	3.7
20	16.0	25.0	19.5	78.7	17.763	15.6	10.0	0.0	10.0	5.9
21	15.6	25.4	20.4	78.6	18.574	16.3	0.0	0.0	0.0	7.4
22	15.6	22.2	15.9	66.9	20.050	17.5	0.0	0.2	0.2	4.6
23	15.3	26.6	21.6	58.8	14.311	12.1	0.0	0.0	0.0	11.1
24	18.5	29.1	24.2	38.6	11.476	8.7	0.0	0.0	0.0	10.4
25	18.4	29.1	23.1	54.2	15.254	12.8	0.0	0.0	0.0	5.1
26	18.0	28.3	23.4	58.5	16.254	14.1	0.0	1.3	1.3	7.8
27	16.0	28.8	23.1	47.2	12.733	10.5	0.0	0.0	0.0	10.4
28	17.6	27.3	22.0	65.5	17.168	14.9	0.0	0.8	0.8	4.8
29	16.8	25.6	20.6	87.0	21.011	18.3	0.1	0.0	0.1	4.9
30	16.3	25.2	20.4	84.4	19.525	17.4	3.3	0.0	3.3	7.0
31	16.6	25.6	20.9	83.2	20.322	17.8	1.6	5.7	7.3	6.2
PROM.	16.1	25.7	21.0	75.5	18.422	16.0	101.9	23.0	124.9	193.3

ESTACION: MONTELIBANO
 ALTITUD: 1.340

MUNICIPIO: YACOPI
 LATITUD: 5-28 N.

AÑO: 1.980
 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	15.8	23.0	20.4	82.8	19.679	17.2	0.0	0.3	0.3	5.6
2	15.4	23.6	19.8	85.6	19.797	17.3	25.0	0.6	25.6	5.7
3	15.6	24.0	19.9	87.2	20.140	17.6	0.0	0.0	0.0	3.1
4	17.6	25.4	21.6	86.4	21.612	18.9	0.3	6.5	6.8	6.0
5	16.6	24.8	21.1	79.6	19.673	17.2	0.0	2.8	2.8	6.1
6	17.6	28.1	23.0	69.2	18.628	16.2	0.0	0.0	0.0	6.6
7	18.5	28.0	22.9	69.0	19.267	16.5	0.0	0.0	0.0	8.2
8	17.0	26.4	21.4	79.9	20.278	17.7	0.0	0.8	0.8	7.5
9	17.5	27.0	21.4	78.1	19.712	17.2	9.3	0.0	9.3	5.8
10	16.6	27.3	22.3	58.1	15.631	13.8	0.0	0.0	0.0	6.6
11	17.7	28.0	22.0	62.0	16.354	13.7	0.0	4.8	4.8	6.6
12	16.6	27.4	21.9	78.6	20.230	17.6	0.0	0.0	0.0	9.3
13	17.0	27.1	22.0	77.3	20.440	17.8	0.0	16.1	16.1	8.7
14	15.6	25.5	21.2	78.0	19.657	17.4	0.0	11.9	11.9	6.1
15	15.5	22.2	19.4	91.8	20.166	17.6	1.2	0.0	1.2	1.0
16	16.5	22.0	20.1	85.8	21.450	18.8	0.0	0.0	0.0	2.4
17	15.6	22.5	19.1	85.8	19.202	16.9	8.0	3.9	11.9	6.9
18	15.3	22.3	20.7	85.5	20.459	17.5	8.0	10.9	18.9	5.0
19	16.5	22.6	19.4	91.0	20.664	17.5	13.6	0.2	13.8	2.2
20	15.8	23.3	20.6	86.3	21.045	18.3	11.4	0.0	11.4	5.2
21	16.5	23.6	19.4	87.4	19.328	17.4	0.6	6.6	7.2	10.4
22	15.6	22.5	19.5	89.2	20.001	17.5	0.1	0.0	0.1	2.5
23	15.5	27.0	21.5	78.1	19.446	17.0	0.2	0.0	0.2	5.7
24	17.0	26.1	22.0	75.6	19.762	17.3	0.0	0.3	0.3	8.4
25	16.5	26.0	20.7	82.1	19.688	17.5	0.0	0.0	0.0	5.9
26	18.0	25.4	21.0	86.5	21.230	18.9	0.0	0.0	0.0	6.2
27	16.5	25.2	20.6	82.2	19.556	17.4	0.0	0.1	0.1	6.0
28	14.5	25.4	19.7	78.6	17.844	15.3	0.1	0.0	0.1	4.4
29	15.6	27.0	21.5	72.0	18.347	16.0	0.0	1.0	1.0	8.0
30	16.3	24.5	19.8	87.2	20.246	17.7	10.0	0.0	10.0	2.6
PROM.	16.4	25.4	20.9	80.7	19.735	17.2	80.6	66.8	147.4	178.7

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	16.7	23.0	20.5	88.4	21.064	18.3	0.8	0.1	0.9	0.5
2	16.6	25.0	21.0	84.6	20.878	18.1	0.0	0.6	0.6	5.9
3	16.6	26.3	21.4	83.1	20.840	18.1	8.7	5.6	14.3	8.2
4	14.6	25.1	20.7	60.3	19.033	16.7	0.0	47.3	47.3	5.4
5	14.6	24.3	19.7	68.1	20.338	17.7	0.2	25.3	25.5	0.0
6	15.5	22.0	19.2	87.0	19.138	16.7	0.5	1.0	1.5	2.2
7	16.0	22.0	18.5	91.7	19.643	17.5	35.6	3.8	39.4	1.0
8	15.0	25.1	19.9	68.6	20.424	17.8	0.0	0.0	0.0	1.9
9	15.5	24.4	20.5	84.9	20.216	17.6	5.9	15.3	21.2	3.3
10	14.5	23.0	19.6	89.1	20.127	17.6	1.2	0.0	1.2	1.5
11	15.5	24.4	19.1	66.7	19.331	17.0	0.6	0.0	0.6	6.3
12	15.0	26.0	20.9	81.5	19.743	17.2	0.0	0.7	0.7	8.3
13	15.0	26.0	20.0	81.0	19.140	16.8	17.9	0.2	18.0	6.7
14	16.0	26.3	21.2	85.2	21.288	18.4	9.7	1.2	10.9	6.1
15	14.5	24.3	19.6	81.7	18.558	16.2	0.0	1.0	1.0	6.1
16	16.5	24.3	20.2	89.0	21.241	16.4	0.0	1.9	1.9	2.0
17	16.0	23.0	19.8	87.0	19.612	17.4	0.3	0.3	0.6	4.0
18	15.0	24.8	18.8	92.4	20.756	18.0	9.8	37.2	47.0	3.2
19	15.0	25.1	19.6	86.2	19.633	17.2	14.1	0.0	14.1	5.6
20	15.7	25.0	20.9	86.2	21.146	18.3	0.0	2.5	2.5	3.3
21	15.5	25.3	20.8	83.4	20.370	17.8	4.0	7.5	11.5	5.7
22	15.6	25.4	20.4	86.4	20.626	18.0	9.6	0.1	9.7	7.2
23	15.0	25.3	21.3	66.4	22.412	19.3	0.0	0.0	0.0	3.5
24	15.5	25.3	19.9	87.1	21.011	18.3	6.6	2.7	9.3	4.6
25	15.0	26.3	19.5	80.1	18.649	16.4	16.5	12.9	29.4	7.7
26	15.0	26.4	19.2	92.0	21.418	18.5	6.7	0.1	6.8	3.7
27	15.6	26.0	20.7	86.4	21.124	18.4	0.0	4.1	4.1	6.4
28	16.0	26.4	21.6	87.3	22.557	19.4	16.8	11.5	28.3	8.0
29	16.5	26.0	21.7	66.5	21.637	18.9	0.0	0.0	0.0	4.2
30	17.0	24.5	20.1	88.7	21.432	18.8	0.2	0.0	0.2	5.4
31	16.6	26.3	21.1	86.9	21.598	18.7	0.9	0.0	0.9	4.9
PROM	15.6	24.5	20.2	86.4	20.518	17.9	166.5	181.9	348.4	143.6

ESTACION: MONTELIBANO
 ALTITUD: 1.340

MUNICIPIO: YACOPI
 LATITUD: 5-28 N.

ARO: 1.980
 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	17.0	25.2	20.5	88.7	21.421	18.6	0.0	40.6	40.6	3.6
2	14.8	24.3	19.8	85.1	19.384	16.6	0.0	0.0	0.0	1.9
3	16.5	25.0	20.7	82.1	19.623	17.3	0.0	4.0	4.0	7.3
4	15.0	26.3	20.6	74.4	17.777	15.3	0.6	8.9	9.5	4.2
5	16.0	25.0	19.9	89.2	20.648	16.2	7.7	4.2	11.9	2.6
6	15.5	22.2	18.7	93.1	19.856	17.4	0.3	0.0	0.3	1.3
7	15.6	25.0	20.1	81.4	18.562	16.5	0.0	19.3	19.3	7.6
8	14.5	22.3	17.7	85.5	17.312	15.2	1.8	0.0	1.8	3.3
9	13.5	25.0	20.0	87.2	20.151	17.6	0.0	0.0	0.0	4.9
10	15.6	27.0	20.6	82.2	15.825	17.3	0.0	0.0	0.0	5.5
11	16.0	26.0	20.9	86.7	21.152	18.4	0.0	0.0	0.0	8.5
12	16.5	25.0	20.7	84.4	20.352	17.6	0.0	0.0	0.0	5.6
13	15.6	24.1	19.5	90.5	20.630	18.0	0.0	1.5	1.5	2.0
14	15.0	23.3	19.9	91.4	21.130	18.3	0.0	4.5	4.5	2.7
15	15.5	25.3	19.9	88.2	20.623	18.0	1.6	1.6	3.1	5.5
16	14.5	24.3	19.7	88.3	19.756	17.3	4.2	0.0	4.2	6.8
17	15.8	25.0	20.3	86.6	20.403	17.8	0.0	0.0	0.0	7.6
18	16.6	25.1	20.9	84.3	20.352	17.7	0.0	0.0	0.0	6.1
19	16.6	24.8	20.9	84.4	20.811	18.1	0.0	0.0	0.0	7.0
20	16.0	24.1	20.0	92.1	21.118	18.7	2.5	0.0	2.5	4.2
21	16.6	24.4	19.8	87.1	20.087	17.5	0.0	0.0	0.0	4.0
22	16.0	25.2	20.2	84.5	20.176	17.7	32.5	1.6	34.1	5.7
23	15.5	25.4	20.0	86.6	20.568	18.0	3.2	1.1	4.3	5.4
24	15.5	26.0	20.4	82.5	19.444	17.0	0.0	1.2	1.2	5.2
25	15.5	25.5	20.9	85.7	20.512	18.2	0.0	16.6	16.6	5.8
26	15.5	26.3	21.0	87.7	21.885	18.7	1.1	8.0	9.1	6.9
27	15.6	26.1	21.2	85.7	21.414	18.6	1.6	1.1	2.7	7.0
28	16.7	26.0	20.8	89.0	21.679	18.9	0.0	2.5	2.5	4.3
29	17.0	25.6	20.7	86.8	21.376	18.5	0.6	0.0	0.6	4.2
30	16.0	25.0	20.3	88.6	21.124	18.4	0.0	0.0	0.0	5.8
PROM.	15.7	25.0	20.2	86.3	20.358	17.7	71.5	117.8	189.3	154.9

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	25.0	21.2	81.2	20.257	17.7	0.3	0.4	0.7	7.5
2	15.0	25.0	20.2	86.1	20.048	17.5	0.0	0.0	0.0	4.7
3	16.5	25.0	20.5	88.5	21.394	18.6	0.0	11.2	11.2	5.9
4	14.5	25.0	20.5	86.0	20.357	17.7	0.0	7.7	7.7	6.5
5	15.0	24.0	19.4	86.2	19.457	17.1	0.0	2.7	2.7	6.1
6	17.0	25.1	21.2	87.4	22.136	18.1	0.0	0.0	0.0	5.5
7	16.5	23.7	20.2	88.4	20.806	18.0	0.0	0.0	0.0	2.9
8	16.0	25.0	20.8	83.1	20.243	17.6	0.0	0.0	0.0	1.1
9	16.5	23.2	20.3	87.2	20.665	18.0	0.0	25.4	25.4	3.1
10	16.0	26.0	20.7	84.3	19.789	17.3	0.0	26.3	26.3	7.4
11	15.8	27.0	20.7	81.6	19.815	17.3	0.0	15.6	15.6	7.4
12	15.6	26.3	21.0	86.1	21.325	18.5	7.0	30.0	37.0	7.4
13	15.5	26.0	19.5	85.4	19.158	16.8	1.3	4.7	6.0	8.0
14	17.0	25.0	20.0	89.4	20.503	18.2	0.0	4.4	4.4	2.8
15	16.8	24.0	20.3	87.1	20.647	18.0	0.0	5.8	5.8	5.5
16	15.5	25.3	19.8	87.6	20.501	17.9	0.0	0.0	0.0	5.4
17	16.5	24.3	19.8	87.2	20.161	17.6	0.0	0.0	0.0	1.9
18	15.6	24.5	20.3	87.2	20.603	17.9	0.0	4.9	4.9	7.5
19	17.0	23.0	20.4	84.8	19.552	17.5	0.0	1.1	1.1	6.0
20	16.0	23.3	19.6	86.2	19.547	17.1	1.2	0.9	2.1	6.0
21	16.8	22.2	19.7	89.1	20.612	18.0	0.0	0.7	0.7	5.9
22	16.6	23.7	20.4	86.5	20.670	18.0	0.0	25.8	25.8	2.1
23	15.5	23.6	19.8	89.2	20.576	17.9	0.1	5.6	5.7	4.9
24	16.8	24.4	19.9	80.6	18.517	16.2	0.0	3.8	3.8	4.2
25	16.5	22.3	19.0	89.6	19.669	17.4	0.0	32.6	32.6	1.5
26	15.6	22.0	19.0	92.9	20.146	17.6	1.0	0.0	1.0	3.2
27	15.4	22.2	18.9	83.6	18.123	15.9	0.0	0.7	0.7	2.3
28	15.5	21.3	18.7	89.0	19.126	16.8	0.0	15.1	15.1	4.5
29	15.6	20.0	18.5	86.3	18.331	16.1	0.4	2.6	3.0	2.5
30	15.0	20.0	17.8	95.8	19.440	17.0	2.2	5.0	7.2	0.7
31	15.0	19.8	17.4	95.7	19.030	16.7	4.9	3.6	8.5	1.0
PROM.	16.0	23.8	19.8	87.1	20.075	17.5	18.4	236.6	255.0	138.6

ESTACION: MONTELIBANO

MUNICIPIO YACOPI

AÑO: 1.980

ALTITUD: 1.340

LATITUD: 5-28 N.

LONGITUD: 74-22 W.

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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	16.6	24.0	20.0	15.5	27.0	85.3	19.853	17.3	34.8	9	159.6
FEBRERO	16.7	23.6	19.9	15.0	27.1	84.9	19.505	17.0	102.1	10	148.5
MARZO	17.0	25.6	21.2	15.3	31.0	80.2	19.855	17.3	190.2	18	183.5
ABRIL	16.7	25.4	20.9	15.0	30.2	80.0	19.600	17.1	216.9	19	160.4
MAYO	16.5	25.0	20.5	15.0	27.0	85.9	20.814	18.1	457.2	27	167.3
JUNIO	16.6	26.3	21.2	15.5	29.6	76.6	18.953	16.4	107.4	20	191.9
JULIO	16.3	27.0	21.4	14.5	29.4	74.2	18.651	16.2	128.9	20	219.5
AGOSTO	16.1	25.7	21.0	13.0	29.1	75.5	18.422	16.0	124.9	20	193.3
SEPTIEMBRE	16.4	25.4	20.9	14.5	28.1	80.7	19.735	17.2	147.4	22	178.7
OCTUBRE	15.6	24.9	20.2	14.5	26.4	86.4	20.518	17.9	348.4	27	143.6
NOVIEMBRE	15.7	25.0	20.2	13.5	27.0	86.3	20.358	17.7	189.2	21	154.9
DICIEMBRE	16.0	23.8	19.8	14.5	27.0	87.1	20.075	17.5	255.0	25	138.6
PROMEDIO	16.4	25.1	20.6	14.7	28.3	81.5	19.702	17.1			
TOTAL									2302.5	238	2039.8

ESTACION: MISIONES
 ALTITUD: 1.540

MUNICIPIO: MESITAS COLES
 1.980
 LATITUD: 4-34 N. LONGITUD: 74-18 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	16.8	24.5	20.1	60.7	19.022	16.7	0.0	0.0	0.0	0.8
2	16.5	24.0	19.2	58.7	19.724	17.3	0.0	0.0	0.0	1.2
3	15.0	24.0	20.0	74.6	17.776	15.5	0.0	0.0	0.0	7.2
4	13.5	24.4	19.5	78.0	17.621	15.7	0.0	0.0	0.0	5.6
5	15.5	24.1	20.1	76.0	18.255	16.1	0.0	0.0	0.0	4.0
6	16.5	24.5	21.8	74.4	19.057	17.1	0.0	0.0	0.0	8.3
7	18.0	24.4	21.9	71.4	19.301	16.7	0.0	0.0	0.0	10.2
8	17.5	23.8	20.8	77.4	19.326	16.8	0.0	0.0	0.0	8.2
9	17.0	23.5	21.4	73.4	19.023	16.6	0.0	0.0	0.0	9.1
10	16.6	23.8	21.9	76.4	19.022	17.4	0.0	0.0	0.0	7.4
11	15.6	23.0	20.2	80.4	19.311	17.2	36.0	0.0	36.0	7.6
12	16.4	23.5	21.2	73.4	18.364	16.2	0.0	0.0	0.0	9.8
13	15.5	23.5	20.7	72.4	17.752	15.6	0.0	0.0	0.0	9.8
14	16.6	23.3	20.1	61.7	16.304	16.9	0.1	0.4	0.5	4.2
15	15.5	23.5	19.3	86.1	16.463	17.1	0.0	6.8	6.8	4.0
16	15.5	23.2	19.1	88.6	16.553	17.2	0.0	0.0	0.0	3.3
17	17.2	23.5	20.1	81.0	18.764	16.5	0.0	0.3	0.3	2.8
18	17.2	23.5	19.8	69.7	20.370	17.8	0.0	11.6	11.6	5.4
19	14.6	23.5	18.2	66.3	18.160	16.0	4.5	0.0	4.5	2.9
20	16.5	23.5	20.4	78.4	18.530	16.6	0.0	0.6	0.6	7.6
21	17.0	23.3	19.9	86.4	20.498	17.8	0.0	0.0	0.0	3.2
22	16.6	24.8	20.7	60.4	19.658	17.3	0.0	0.3	0.3	7.0
23	17.0	23.2	20.5	82.8	20.187	17.6	0.0	0.0	0.0	3.1
24	17.5	23.1	19.8	86.4	20.038	17.5	1.4	0.0	1.4	2.4
25	17.5	26.3	22.2	72.1	19.249	16.9	0.0	0.0	0.0	8.9
26	17.3	26.8	22.1	62.1	16.714	14.6	0.0	0.0	0.0	10.4
27	17.3	26.8	21.5	61.1	15.516	13.5	0.0	0.0	0.0	7.0
28	18.4	26.0	21.5	78.4	20.430	17.9	0.0	0.0	0.0	4.2
29	17.5	26.0	21.7	60.9	20.099	18.2	0.0	37.3	37.3	3.6
30	17.5	26.0	19.0	51.9	20.355	17.8	21.6	0.0	21.6	0.2
31	17.2	23.5	19.7	66.0	19.530	17.4	0.3	2.7	3.0	2.0
PROM.	16.6	24.6	20.5	79.3	18.140	16.8	63.9	60.5	124.4	171.4

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	21.5	18.7	60.0	15.560	17.1	4.1	5.7	9.8	1.8
2	16.3	20.0	18.1	62.9	19.174	16.8	1.4	7.3	8.7	0.0
3	16.6	21.3	19.1	89.1	15.450	17.4	5.9	3.3	9.2	0.2
4	16.3	21.4	18.7	89.9	15.003	17.1	7.0	0.0	7.0	1.0
5	16.5	24.5	19.4	66.4	19.355	17.0	0.0	0.0	0.0	3.0
6	16.9	22.5	19.4	63.2	18.793	16.5	0.0	0.0	0.0	5.0
7	16.5	25.0	20.5	62.2	19.658	17.4	0.1	0.2	0.3	5.1
8	17.5	25.0	21.1	79.7	16.750	17.3	0.8	0.0	0.8	5.7
9	17.0	26.3	21.6	80.0	20.001	17.9	0.0	0.0	0.0	6.9
10	17.5	26.6	21.4	77.1	16.450	17.0	0.0	0.0	0.0	6.1
11	16.5	26.0	21.8	74.8	19.361	17.0	0.0	0.0	0.0	7.7
12	16.5	26.4	20.4	75.7	18.115	15.9	0.0	0.0	0.0	8.1
13	16.6	26.5	21.7	74.8	19.466	17.0	0.0	0.0	0.0	8.3
14	17.5	26.8	22.5	69.4	16.514	16.6	0.0	0.0	0.0	9.3
15	17.5	26.8	21.3	68.5	17.453	15.4	0.0	20.5	20.5	10.2
16	15.8	26.4	20.0	65.7	20.273	17.7	7.2	3.7	10.9	5.5
17	17.0	26.3	20.8	89.4	20.431	17.5	0.0	0.9	0.9	3.1
18	17.5	26.6	20.6	63.4	19.492	17.4	0.0	17.8	17.8	5.7
19	17.0	26.1	19.3	69.2	20.167	17.6	15.8	6.6	22.4	3.8
20	16.4	26.0	18.5	64.1	19.544	17.4	0.0	2.6	2.6	2.4
21	17.0	26.8	18.7	90.0	19.733	17.3	0.0	0.0	0.0	0.6
22	16.5	26.0	20.8	75.4	18.443	16.3	0.0	0.0	0.0	10.3
23	16.6	26.6	21.1	78.0	19.620	17.1	0.0	0.0	0.0	6.4
24	17.4	26.8	21.1	79.3	19.624	17.2	0.0	0.0	0.0	8.6
25	16.6	26.4	20.9	63.2	20.540	17.9	0.0	15.7	15.7	6.9
26	17.3	27.0	21.3	76.5	15.478	17.0	0.1	0.9	1.0	8.7
27	16.5	26.8	20.6	79.9	15.668	16.7	0.0	0.0	0.0	7.2
28	16.5	26.3	21.5	74.0	18.509	16.6	0.0	0.0	0.0	6.2
29	17.0	25.5	21.2	79.4	15.560	17.5	0.0	0.2	0.2	7.4
PROM.	16.9	24.5	20.4	61.6	18.457	17.1	44.7	85.4	130.1	161.2

ESTACION: MISIONES
 ALTITUD: 1.540

MUNICIPIO: MESITAS COLECTIVAS
 LATITUD: 4-34 N. LONGITUD: 74-18 W. 1.980

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M E S - M A R Z O

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	23.5	21.1	79.3	19.417	17.0	0.0	0.0	0.0	0.0
2	18.0	26.2	21.4	79.5	20.058	17.6	0.0	0.0	0.0	7.7
3	14.5	25.2	18.9	85.7	19.369	16.9	17.1	3.5	20.6	6.5
4	15.8	23.3	20.1	86.7	20.278	17.7	0.0	0.0	0.0	5.0
5	17.0	22.0	19.8	88.4	20.454	17.9	0.0	0.4	0.4	4.0
6	16.4	23.3	20.1	74.5	18.500	16.2	0.0	0.0	0.0	8.1
7	16.5	23.3	20.7	81.5	18.672	17.3	0.0	0.0	0.0	5.1
8	16.5	22.0	20.7	72.5	18.672	16.3	0.0	0.0	0.0	5.8
9	18.5	26.8	22.1	67.6	17.665	15.7	0.0	0.0	0.0	7.5
10	18.0	26.6	22.1	75.8	20.222	17.6	0.0	0.0	0.0	7.6
11	17.8	26.6	22.4	75.2	20.266	17.6	0.0	0.0	0.0	4.4
12	18.0	26.8	22.4	72.2	19.764	17.2	0.0	0.0	0.0	4.3
13	17.0	23.8	20.1	72.0	18.277	15.7	0.0	0.0	0.0	4.1
14	18.5	24.9	21.4	83.1	21.053	18.3	0.0	0.0	0.0	0.7
15	18.5	25.5	21.3	78.6	19.522	17.4	0.0	0.0	0.0	5.2
16	18.4	25.6	22.2	75.9	20.154	17.6	0.0	0.0	0.0	6.2
17	18.5	27.6	22.6	70.7	19.769	17.2	0.0	0.0	0.0	5.1
18	17.3	23.8	20.6	81.1	19.274	16.9	0.0	0.0	0.0	1.4
19	17.2	23.0	19.5	88.5	20.364	17.7	0.0	1.7	1.7	2.8
20	16.5	25.8	21.0	74.9	16.452	16.2	0.0	0.0	0.0	4.4
21	16.5	25.0	21.2	74.1	18.177	16.0	0.0	0.0	0.0	8.7
22	17.3	24.8	20.2	88.2	20.567	18.3	0.0	2.6	2.6	1.7
23	17.5	24.3	20.0	95.8	22.143	19.1	0.0	0.0	0.0	4.7
24	18.5	26.8	22.2	73.1	19.654	17.3	0.3	0.0	0.3	5.5
25	16.6	24.0	20.0	88.0	20.455	17.9	0.1	0.0	0.1	2.5
26	17.0	25.5	21.1	77.7	19.320	16.5	0.0	0.0	0.0	4.2
27	17.5	26.0	21.9	69.6	18.476	16.2	0.0	0.0	0.0	6.9
28	18.5	26.5	23.0	71.6	20.201	17.7	0.0	0.0	0.0	6.9
29	18.5	26.8	22.0	77.8	20.465	17.9	0.1	0.0	0.1	4.9
30	18.0	23.3	18.5	54.5	20.325	17.7	4.4	0.1	4.5	0.0
31	15.5	25.8	22.1	71.4	19.222	16.8	0.0	0.0	0.0	6.9
PROM.	17.4	25.2	21.1	78.9	19.734	17.2	22.0	8.3	30.3	148.8

M E S - A B R I L

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	27.5	23.2	65.1	18.255	16.1	0.0	0.0	0.0	8.9
2	16.4	22.0	19.6	90.4	20.682	18.0	0.0	0.0	0.0	1.3
3	16.5	27.7	21.2	78.0	19.558	17.5	0.1	0.1	0.2	6.9
4	16.4	25.8	20.7	87.7	21.475	18.6	1.3	1.1	2.4	5.5
5	16.6	21.5	20.5	88.1	21.328	18.5	0.0	7.0	7.0	3.7
6	17.0	21.5	18.8	92.2	20.231	17.7	0.0	0.0	0.0	1.2
7	16.0	22.2	18.6	97.6	20.750	18.1	7.5	0.0	7.5	0.7
8	15.5	23.5	19.9	85.3	20.167	17.5	0.2	0.0	0.2	3.7
9	17.0	25.5	20.7	64.3	20.541	17.9	4.0	13.8	17.8	5.8
10	15.5	23.0	19.9	91.2	21.410	18.6	0.0	0.1	0.1	4.5
11	16.5	24.5	20.3	87.0	20.761	18.1	0.0	0.1	0.1	5.7
12	16.2	25.0	20.3	81.5	19.353	17.0	0.0	67.4	67.4	7.0
13	16.1	24.5	19.9	81.9	19.153	16.8	0.0	0.0	0.0	5.7
14	15.8	23.9	20.7	81.1	19.507	17.4	0.3	20.9	21.2	4.1
15	15.3	22.0	19.0	90.7	19.742	17.2	5.3	0.0	5.3	2.2
16	17.3	24.3	20.8	75.3	18.664	16.4	0.3	0.0	0.3	4.4
17	17.5	24.3	21.0	76.3	19.339	16.9	0.0	0.0	0.0	2.5
18	17.1	24.5	21.7	72.3	18.580	16.7	0.0	0.2	0.2	5.2
19	16.8	25.0	20.8	78.1	19.060	16.7	4.1	0.0	4.1	5.3
20	17.4	23.5	20.3	79.8	19.181	16.8	0.4	0.4	0.8	3.9
21	16.5	24.0	19.6	89.4	20.327	17.7	0.6	0.0	0.6	2.4
22	17.6	24.5	20.5	84.0	20.376	17.8	3.4	0.1	3.5	2.8
23	17.5	25.5	20.2	81.6	21.755	18.8	0.0	1.1	1.1	3.1
24	16.5	21.0	18.6	85.5	18.289	16.1	4.0	0.0	4.0	0.2
25	17.0	21.2	19.6	79.6	18.111	15.9	3.4	11.0	14.4	2.0
26	16.0	21.4	18.0	53.7	19.312	16.9	0.4	0.0	0.4	1.8
27	16.4	23.2	20.3	75.1	18.102	15.9	0.0	0.0	0.0	3.8
28	17.5	24.8	21.3	78.8	20.165	17.5	0.0	0.0	0.0	3.8
29	17.8	23.8	21.1	86.5	21.586	18.7	1.1	0.0	1.1	5.2
30	17.3	24.8	21.0	85.6	21.064	18.3	0.0	0.1	0.1	5.2
PROM.	16.7	23.9	20.3	83.8	19.537	17.4	36.4	123.4	159.8	118.3

ESTACION: MISIONES
 ALTITUD: 1.540

MUNICIPIO: MESITAS CCLEC. 1.980
 LATITUD: 4-34 N. LONGITUD: 74-18 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	17.6	22.5	19.6	96.2	22.647	19.0	9.4	3.6	13.0	2.2
2	16.3	23.6	20.3	81.0	19.241	16.9	0.4	0.0	0.4	4.9
3	17.5	22.0	19.7	92.1	20.767	18.1	0.0	0.0	0.0	2.3
4	17.1	21.3	19.1	65.7	19.640	16.7	0.0	0.0	0.0	1.0
5	17.4	24.5	20.5	76.9	18.558	16.3	0.0	0.0	0.0	4.9
6	17.6	23.8	20.4	66.2	20.761	18.1	0.6	2.1	2.7	3.9
7	16.6	24.9	21.1	79.9	20.680	17.6	0.7	1.4	2.1	4.5
8	15.6	23.3	20.0	89.0	20.645	18.0	0.4	0.0	0.4	1.1
9	17.5	25.5	20.6	77.9	19.126	16.7	0.8	0.1	0.9	3.6
10	18.4	25.0	21.5	80.5	20.757	18.1	4.5	0.0	4.5	5.9
11	17.3	24.3	21.2	78.7	19.690	17.4	0.0	0.0	0.0	6.6
12	17.5	25.0	22.3	77.2	21.177	18.2	3.1	0.0	3.1	3.5
13	17.5	24.5	20.2	69.6	21.653	18.3	0.0	0.4	0.4	0.3
14	17.5	22.0	20.0	68.3	20.464	17.8	2.1	0.0	2.1	1.2
15	17.0	21.0	19.0	90.6	20.104	17.5	10.5	0.0	10.5	0.3
16	17.3	25.0	21.2	82.6	20.583	17.9	0.0	0.0	0.0	6.3
17	17.3	22.5	19.9	66.0	19.615	17.1	5.2	0.0	5.2	1.3
18	17.0	24.0	19.7	81.0	18.443	16.2	0.5	5.5	6.0	2.3
19	15.6	24.5	19.4	84.4	18.778	16.5	0.1	1.7	1.8	3.7
20	17.5	26.5	21.9	74.2	19.708	17.3	0.0	0.0	0.0	6.3
21	18.8	24.2	21.4	78.9	20.356	17.8	1.2	0.0	1.2	2.3
22	18.0	25.0	21.3	76.7	19.453	17.0	0.8	2.5	3.3	5.6
23	15.5	23.8	19.9	79.1	18.434	16.1	0.0	0.0	0.0	4.2
24	18.0	24.0	20.7	78.7	19.054	16.7	0.2	0.0	0.2	4.8
25	17.5	24.0	21.4	75.4	18.112	16.7	0.4	13.8	14.2	1.5
26	15.0	21.8	19.1	91.7	20.602	17.9	5.5	0.0	5.5	0.5
27	18.0	22.5	19.5	66.0	19.373	17.0	3.1	0.0	3.1	2.3
28	17.0	25.8	20.9	76.3	18.371	16.7	0.0	0.0	0.0	7.0
29	18.0	24.4	20.7	76.0	18.751	16.5	3.4	0.0	3.4	3.1
30	17.3	23.0	20.4	82.5	19.655	17.4	0.0	0.0	0.0	5.2
31	17.0	23.5	19.6	84.2	19.605	16.7	5.8	0.1	5.9	2.1
PROM.	17.2	23.8	20.4	82.8	19.603	17.3	58.7	31.0	89.7	101.7

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	16.5	20.5	18.2	91.2	19.152	16.7	16.9	7.9	24.8	0.0
2	15.0	21.5	18.2	90.0	18.717	16.4	1.2	0.0	1.2	2.0
3	15.5	25.0	20.2	83.8	19.529	17.4	0.0	6.8	6.8	3.5
4	15.6	24.0	20.1	79.6	18.749	16.4	0.0	0.4	0.4	5.5
5	17.6	22.3	19.0	51.1	20.112	17.6	0.4	0.0	0.4	1.8
6	17.5	23.8	20.4	60.0	19.546	17.1	0.9	0.6	1.5	3.2
7	16.6	24.3	20.3	82.9	20.026	17.5	2.2	0.0	2.2	3.8
8	17.3	24.3	20.6	77.2	19.243	16.8	5.1	0.0	5.1	4.2
9	17.4	23.8	21.2	77.3	19.416	17.0	0.0	6.6	6.6	2.9
10	17.0	22.0	19.1	53.2	20.559	17.9	1.8	3.5	5.3	0.3
11	15.8	21.9	18.6	54.4	20.490	17.9	1.1	0.0	1.1	1.6
12	16.4	25.1	20.0	87.5	20.633	18.0	0.1	2.7	2.8	1.9
13	15.8	20.5	18.3	94.0	19.643	17.4	0.0	0.0	0.0	0.5
14	16.5	23.1	21.6	68.0	17.657	15.7	0.0	0.0	0.0	8.9
15	17.7	25.1	22.3	66.7	18.118	15.9	0.0	0.0	0.0	9.3
16	17.0	25.8	21.8	66.9	17.732	15.6	0.0	0.2	0.2	8.1
17	16.6	25.5	21.0	74.2	18.779	16.4	0.0	0.1	0.1	3.7
18	18.0	24.4	21.2	82.1	20.755	18.1	0.1	0.0	0.1	3.2
19	18.1	24.4	20.9	77.4	19.050	16.7	0.9	5.1	6.0	3.1
20	15.4	20.0	18.1	68.6	18.380	16.1	21.3	0.0	21.3	0.0
21	17.3	21.1	19.5	76.4	16.557	14.5	0.0	0.0	0.0	1.8
22	17.3	24.0	20.9	72.0	17.661	15.7	0.1	0.0	0.1	4.2
23	16.5	25.8	21.0	72.3	18.173	16.0	0.0	0.0	0.0	5.0
24	17.8	25.8	21.7	73.2	18.583	16.7	0.0	0.0	0.0	5.3
25	19.3	24.5	21.7	77.0	20.045	17.5	0.0	0.0	0.0	6.3
26	17.0	22.5	19.5	92.1	20.677	18.0	0.1	0.4	0.5	0.0
27	17.0	24.5	20.5	71.5	17.023	14.9	0.0	0.0	0.0	5.7
28	16.7	23.4	20.3	70.7	17.050	14.9	0.0	0.2	0.2	2.1
29	16.6	23.7	20.3	71.4	17.132	15.1	0.0	0.0	0.0	7.1
30	16.6	26.6	21.5	73.7	18.667	16.5	0.0	0.0	0.0	7.0
PROM.	16.9	23.7	20.3	79.5	18.558	16.6	52.2	34.5	86.7	111.2

ESTACION: MISIONES
 ALTITUD: 1.540

MUNICIPIO: MESITAS CCLE.
 LATITUD: 4-34 N. LONGITUD: 74-18 W. 1.980

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	24.8	20.8	72.0	17.418	15.2	0.0	4.7	4.7	4.9
2	17.3	24.8	21.1	78.5	19.360	17.0	0.0	0.0	0.0	2.3
3	18.3	26.0	21.7	78.9	20.150	17.6	0.0	0.0	0.0	3.2
4	18.6	27.5	22.3	72.1	19.181	16.8	0.0	2.7	2.7	7.2
5	16.0	23.6	20.6	82.4	19.814	17.3	0.0	0.0	0.0	2.0
6	17.3	26.0	21.2	70.2	17.368	15.3	0.0	0.0	0.0	5.7
7	17.3	26.0	21.7	65.0	17.232	15.2	0.0	0.0	0.0	5.7
8	18.0	27.6	23.1	64.5	18.216	16.0	0.0	0.0	0.0	6.8
9	16.3	26.4	20.8	76.5	18.443	16.1	0.0	0.0	0.0	5.0
10	17.3	25.4	19.7	74.4	17.478	15.4	0.5	0.0	0.5	4.6
11	17.7	26.5	21.7	61.9	15.711	13.7	0.0	1.8	1.8	6.3
12	16.3	26.0	21.5	70.2	17.551	15.8	0.1	0.0	0.1	4.0
13	17.3	25.8	21.4	72.4	18.292	16.1	0.0	0.0	0.0	6.0
14	17.5	26.0	22.6	69.6	18.769	16.5	0.0	0.0	0.0	5.6
15	18.0	24.1	21.1	79.8	20.246	17.7	1.2	0.0	1.2	0.7
16	17.3	22.8	16.8	67.9	21.347	18.5	1.9	0.0	1.9	3.1
17	17.1	26.6	20.4	70.2	16.543	14.8	5.0	0.0	5.0	5.2
18	18.0	26.6	20.9	76.3	19.300	16.8	0.4	0.0	0.4	5.9
19	17.0	21.0	19.4	88.8	19.667	17.2	7.2	0.0	7.2	0.6
20	16.3	24.6	21.5	66.7	17.137	15.1	0.0	0.0	0.0	6.0
21	17.3	24.0	20.4	81.2	19.747	17.3	2.5	0.0	2.5	4.7
22	15.5	24.3	19.4	69.2	20.150	17.6	0.7	0.0	0.7	3.1
23	18.0	25.4	21.0	79.7	19.577	17.2	0.4	0.0	0.4	5.3
24	16.3	28.8	23.1	51.5	14.618	12.6	0.0	0.0	0.0	3.2
25	18.0	23.0	20.6	80.8	19.353	16.6	0.0	0.0	0.0	10.4
26	18.3	27.0	22.6	67.2	16.388	16.2	0.0	0.0	0.0	4.9
27	17.0	25.5	20.8	83.9	20.461	17.9	0.0	0.0	0.0	4.8
28	17.0	22.8	19.4	90.2	20.806	17.9	0.0	0.0	0.0	4.6
29	16.5	25.5	20.3	64.4	19.855	17.4	0.0	15.8	15.8	5.2
30	18.0	22.3	20.0	94.4	21.653	18.8	0.5	0.0	0.5	2.3
PROM.	17.2	25.2	21.0	76.4	18.824	16.5	20.4	25.0	45.4	140.0

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	18.0	21.3	20.1	66.3	20.358	17.8	3.0	0.9	3.9	0.0
2	18.0	25.8	21.9	77.6	20.402	17.8	0.0	0.6	0.6	7.5
3	17.5	25.3	21.4	84.1	21.157	18.4	0.9	1.7	2.6	6.5
4	17.3	24.6	19.9	82.3	21.459	18.6	0.0	4.0	4.0	3.8
5	17.3	24.3	20.6	82.1	20.016	17.4	0.0	0.0	0.0	2.4
6	16.6	23.5	18.5	97.6	20.656	18.0	0.3	1.5	1.8	0.1
7	18.0	24.3	19.4	91.1	20.833	18.1	0.1	6.4	6.5	0.9
8	16.3	21.3	19.2	88.1	19.542	17.1	0.9	4.2	5.1	1.0
9	15.3	22.0	19.5	86.4	19.325	16.9	4.0	1.1	5.1	1.2
10	15.3	22.3	18.8	69.1	19.415	16.9	3.2	0.0	3.2	0.9
11	17.1	23.0	20.3	74.7	18.165	15.9	0.0	0.0	0.0	5.2
12	15.0	22.9	18.9	61.6	17.578	15.4	0.0	0.0	0.0	4.6
13	17.3	23.6	20.9	74.3	18.419	16.0	0.0	0.0	0.0	5.2
14	18.0	24.6	21.3	72.7	18.717	16.4	0.7	0.0	0.7	5.8
15	18.0	23.0	20.0	81.3	19.259	16.8	0.9	0.0	0.9	4.2
16	17.5	23.8	20.4	79.9	19.445	17.0	0.2	8.8	9.0	3.6
17	16.1	20.5	17.8	94.1	19.006	16.7	47.0	0.0	47.0	0.7
18	16.0	19.5	17.5	94.6	18.516	16.6	6.1	0.2	6.3	0.3
19	15.3	21.4	18.3	88.4	18.560	16.3	0.0	0.0	0.0	3.5
20	16.5	24.3	19.8	86.7	19.515	17.4	0.2	0.0	0.2	3.8
21	17.6	24.1	20.4	77.5	19.074	16.7	0.0	0.0	0.0	6.9
22	17.3	24.0	20.1	60.4	19.325	16.8	0.0	0.0	0.0	7.0
23	18.3	22.5	20.1	62.8	19.610	17.3	20.7	0.0	20.7	2.0
24	18.0	22.4	20.4	78.6	18.987	16.6	0.6	0.0	0.6	5.8
25	17.3	22.0	20.7	75.0	18.650	16.3	0.0	0.0	0.0	6.7
26	16.4	22.5	19.2	85.3	18.756	16.5	0.6	0.0	0.6	1.4
27	17.3	23.5	20.4	85.3	20.512	18.1	0.0	0.0	0.0	2.5
28	18.0	24.4	21.5	73.6	18.596	16.5	0.0	0.0	0.0	1.6
29	17.3	23.0	19.9	81.8	18.763	16.3	0.9	0.0	0.9	4.5
30	17.0	23.5	19.3	81.6	18.171	15.8	5.0	0.0	5.0	2.7
31	17.3	22.6	20.3	75.9	18.039	15.7	0.8	0.0	0.8	4.0
PROM.	17.0	23.1	19.9	83.2	19.377	16.9	96.1	29.4	125.5	106.3

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	16.1	24.4	20.6	79.1	19.215	16.7	20.4	24.4	44.8	5.7
2	14.3	21.6	18.5	89.5	18.515	16.6	1.6	1.1	2.7	2.0
3	15.5	23.4	20.0	83.1	19.308	17.2	0.0	1.4	1.4	2.5
4	16.0	23.8	19.5	88.2	20.024	17.6	0.4	0.0	0.4	1.9
5	17.1	24.0	19.8	87.3	20.520	17.9	10.8	0.9	11.7	3.1
6	16.5	21.4	18.6	95.6	20.748	18.1	0.3	0.0	0.3	0.7
7	15.6	24.4	19.3	85.5	19.728	17.2	8.1	0.0	8.1	6.4
8	16.3	22.4	18.2	92.7	19.638	17.2	4.0	0.0	4.0	3.2
9	14.5	24.0	19.0	81.8	18.227	16.0	0.0	0.0	0.0	2.4
10	15.3	24.0	19.9	85.6	19.849	17.4	0.0	0.0	0.0	6.2
11	17.3	25.3	21.4	81.8	21.261	18.4	0.0	0.0	0.0	7.7
12	16.6	22.0	18.5	81.3	19.620	17.1	0.6	0.0	0.6	0.2
13	16.6	23.0	18.8	84.2	18.330	16.1	0.0	0.0	0.0	2.4
14	16.1	21.2	18.4	87.0	18.465	16.2	3.4	0.0	3.4	1.6
15	16.3	23.5	19.2	87.8	19.843	17.3	2.3	0.0	2.3	7.2
16	15.5	21.8	19.0	94.2	20.647	18.1	0.0	2.5	2.5	4.0
17	16.0	22.0	19.0	93.6	20.678	18.0	0.0	0.9	0.9	2.0
18	16.5	22.3	19.3	91.2	20.683	18.0	1.4	3.2	4.6	5.1
19	16.4	22.4	19.8	73.2	17.516	15.3	0.0	0.0	0.0	6.5
20	17.3	23.6	19.7	88.2	20.465	17.8	0.3	0.0	0.3	4.8
21	16.5	22.3	18.5	90.4	19.485	17.1	0.0	0.0	0.0	6.1
22	16.5	24.5	18.9	76.3	17.250	15.1	0.0	0.0	0.0	3.7
23	16.5	22.5	19.4	90.1	20.461	17.2	2.3	0.0	2.3	3.3
24	16.0	23.5	19.5	82.6	19.681	17.2	0.0	0.0	0.0	6.1
25	16.0	24.0	20.4	84.3	20.203	17.6	0.0	0.0	0.0	6.0
26	17.1	22.5	19.2	91.4	20.523	17.5	0.0	0.0	0.0	2.5
27	17.3	24.4	20.3	78.2	18.525	16.6	0.0	0.0	0.0	3.7
28	17.3	24.8	20.4	82.1	19.581	17.4	0.0	0.0	0.0	5.9
29	17.1	22.0	19.2	91.4	20.352	17.8	0.0	0.0	0.0	2.5
30	16.0	23.0	19.1	88.4	19.535	17.1	0.0	0.0	0.0	2.2
PROM.	16.3	23.2	19.4	86.6	19.654	17.2	51.9	34.4	86.3	124.6

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	16.3	25.0	20.6	77.9	19.052	16.7	9.0	0.0	9.0	6.0
2	16.3	23.3	19.6	86.8	20.013	17.5	0.0	1.0	1.0	4.4
3	16.5	22.5	20.0	89.2	20.552	18.2	0.0	0.0	0.0	2.7
4	17.3	24.0	19.0	88.5	19.516	17.1	10.5	0.0	10.5	3.5
5	16.3	24.0	20.0	83.5	19.728	17.3	0.0	0.0	0.0	6.9
6	16.6	23.0	19.2	80.5	18.087	15.8	0.0	0.0	0.0	4.3
7	16.0	20.0	18.3	85.8	18.149	16.0	0.0	0.0	0.0	1.3
8	16.0	21.0	18.4	80.6	18.354	16.0	0.0	0.0	0.0	0.1
9	15.3	21.2	18.2	92.6	19.508	17.1	0.0	0.0	0.0	0.4
10	16.4	24.0	20.0	80.1	19.326	16.8	0.0	0.0	0.0	7.7
11	17.1	25.0	20.8	76.1	18.760	16.5	0.0	0.0	0.0	8.7
12	17.0	24.0	20.0	81.9	19.303	16.9	0.0	0.0	0.0	6.2
13	15.4	24.0	19.7	90.8	20.881	18.2	0.0	0.0	0.0	7.6
14	16.0	23.5	19.7	86.8	20.208	17.6	0.6	0.0	0.6	5.3
15	15.6	24.5	19.8	90.8	21.083	18.3	2.0	0.0	2.0	6.6
16	16.5	24.8	19.9	87.5	20.465	17.8	0.0	2.8	2.8	7.5
17	17.0	22.0	19.6	86.1	21.392	18.5	9.9	19.6	29.5	2.5
18	16.6	25.0	20.3	78.6	19.023	16.6	3.5	2.7	6.2	6.6
19	16.6	25.0	20.0	88.0	20.353	17.8	0.0	2.9	2.9	4.4
20	16.3	25.0	20.0	87.6	20.404	18.1	0.0	37.3	37.3	6.9
21	15.0	22.3	18.9	85.7	18.656	16.5	0.0	13.0	13.0	6.7
22	16.5	22.8	19.5	92.5	20.984	16.2	0.0	0.0	0.0	5.0
23	17.3	22.3	19.1	91.1	20.254	17.7	0.0	0.3	0.3	2.6
24	17.3	22.6	20.2	74.6	17.890	15.8	1.4	0.0	1.4	3.2
25	17.3	22.2	19.0	90.6	20.205	17.6	10.8	4.2	15.0	0.2
26	16.6	22.2	18.8	92.9	20.351	17.8	0.2	4.2	4.4	2.6
27	15.4	23.0	19.1	87.9	19.461	17.0	0.0	0.0	0.0	3.3
28	15.3	22.1	18.4	90.2	19.325	17.0	0.0	0.0	0.0	3.5
29	15.0	22.3	18.0	86.5	20.146	17.5	0.5	6.3	6.8	4.4
30	16.5	19.6	17.7	87.0	19.601	17.2	5.9	3.5	9.4	0.0
31	15.5	20.8	18.4	84.5	20.168	17.6	7.8	0.9	8.7	0.1
PROM.	16.3	23.0	19.4	87.2	19.753	17.2	62.6	108.7	171.3	131.3

ESTACION: MISIONES

MUNICIPIO

MESITAS COLEGIO

AÑO:

1.980

ALTITUD: 1.540

LATITUD: 4-34 N.

LONGITUD: 74-18 W.

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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	24.6	20.5	13.5	25.5	75.3	19.140	16.8	124.4	12	171.4
FEBRERO	16.9	24.5	20.4	15.8	27.0	81.8	15.457	17.1	130.1	16	141.2
MARZO	17.4	25.2	21.1	14.5	27.6	78.5	15.734	17.2	30.3	8	148.8
ABRIL	16.7	23.5	20.3	15.3	27.7	83.8	15.937	17.4	155.8	23	118.3
MAYO	17.2	23.8	20.4	15.0	26.5	82.8	15.803	17.3	85.7	22	101.7
JUNIO	16.9	23.7	20.3	15.0	26.6	75.9	18.998	16.6	86.7	20	111.2
JULIO	17.3	24.5	20.7	16.0	27.1	75.7	18.437	16.2	38.3	16	145.0
AGOSTO	17.0	24.4	20.6	14.3	27.6	74.4	17.942	15.7	53.8	15	127.6
SEPTIEMBRE	17.2	25.2	21.0	14.5	26.6	76.4	18.824	16.5	45.4	15	140.0
OCTUBRE	17.0	23.1	19.9	15.0	25.6	83.2	15.377	16.9	125.5	21	106.3
NOVIEMBRE	16.3	23.2	19.4	14.3	25.3	86.6	15.654	17.2	86.3	15	124.6
DICIEMBRE	16.3	23.0	19.4	15.0	25.3	87.2	19.753	17.2	171.3	19	131.3
PROMEDIO	16.9	24.1	20.3	14.9	27.1	80.8	15.261	16.8			
TOTAL									1141.6	204	1551.4

ESTACION: GRANJA TIBACUY
ALTITUD: 1.550

MUNICIPIO: TIBACUY
LATITUD: 4-21 N.

AÑO: 1.980
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	15.7	23.4	18.9	82.5	18.102	15.9	0.0	0.0	0.0	0.6
2	15.4	25.0	19.7	77.2	17.660	15.6	0.0	0.0	0.0	3.8
3	14.6	24.5	19.1	75.2	17.102	14.9	0.0	0.0	0.0	7.2
4	15.0	25.5	19.6	69.2	15.512	13.9	0.0	0.0	0.0	8.5
5	15.6	26.0	21.0	62.4	16.004	13.9	0.0	0.0	0.0	8.5
6	14.6	25.5	19.7	71.1	16.558	14.6	0.0	0.0	0.0	8.5
7	16.0	25.5	19.7	64.3	15.064	13.0	0.0	0.0	0.0	8.4
8	15.5	26.0	20.0	70.3	16.613	14.5	0.0	0.0	0.0	8.6
9	14.6	26.0	20.1	66.6	15.558	13.9	0.0	0.0	0.0	10.0
10	15.5	26.5	20.5	63.5	15.211	13.2	0.0	0.0	0.0	6.6
11	16.6	26.0	19.3	77.4	17.516	15.4	5.5	0.1	5.6	7.1
12	15.4	26.6	20.3	71.9	17.627	15.2	0.0	0.0	0.0	9.3
13	15.3	26.0	20.0	69.0	16.031	14.0	0.0	0.0	0.0	7.8
14	16.1	24.5	18.9	76.7	17.031	15.0	0.9	0.0	0.9	3.8
15	15.0	23.0	18.9	78.7	17.405	15.3	0.0	1.8	1.8	2.1
16	13.6	22.0	18.1	81.5	17.055	15.0	0.3	0.5	0.8	1.9
17	15.5	24.0	18.8	76.6	16.565	14.6	0.0	0.0	0.0	4.3
18	16.0	25.0	19.2	77.0	17.266	15.2	0.0	0.0	0.0	6.6
19	14.5	22.0	18.1	84.2	17.470	15.3	18.6	49.9	49.9	1.8
20	15.5	23.0	19.0	72.6	16.061	14.0	0.0	0.0	0.0	5.7
21	17.0	24.5	19.2	78.6	17.828	15.7	0.0	0.0	0.0	5.0
22	14.0	23.0	20.2	75.2	17.656	15.5	0.0	0.0	0.0	7.5
23	16.5	23.0	19.2	75.5	17.151	15.1	0.0	0.0	0.0	3.4
24	15.6	22.0	18.8	80.9	17.738	15.6	0.0	3.4	3.4	2.2
25	16.5	26.8	21.0	71.8	17.654	15.5	0.0	0.0	0.0	8.2
26	15.5	26.4	19.8	58.7	13.658	11.5	0.0	0.0	0.0	6.4
27	14.5	27.5	19.6	65.2	14.535	12.5	0.0	0.8	0.8	3.2
28	15.5	25.5	20.0	75.0	17.713	15.6	0.5	0.0	0.5	3.5
29	16.4	27.5	20.8	71.3	17.267	15.2	0.0	0.0	0.0	3.5
30	17.5	23.0	19.2	83.5	18.555	16.6	0.0	0.0	0.0	0.2
31	15.0	25.0	19.2	79.5	17.743	15.6	0.0	0.0	0.0	5.9
PROM.	15.5	24.5	19.5	73.7	16.641	14.7	25.8	56.1	81.9	173.6

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	23.0	18.6	89.7	19.364	17.0	4.7	24.4	29.1	1.7
2	16.5	21.8	18.5	88.1	18.759	16.5	0.7	0.0	0.7	0.0
3	16.3	22.0	18.1	88.0	18.474	16.2	17.9	22.7	40.6	1.4
4	15.6	20.3	17.5	53.8	12.523	16.6	10.1	0.0	10.1	0.5
5	15.5	22.0	16.1	68.0	15.139	16.0	0.9	0.1	1.0	1.7
6	15.3	24.0	19.0	88.4	15.407	17.0	0.0	9.6	9.6	0.0
7	15.5	25.0	19.7	83.5	15.157	16.9	0.9	0.0	0.9	4.8
8	16.6	25.0	20.0	84.3	19.521	17.4	0.0	0.0	0.0	4.2
9	15.5	26.0	20.1	77.4	18.222	16.0	0.0	0.0	0.0	5.7
10	16.6	26.2	20.8	78.1	15.274	16.9	0.0	0.0	0.0	7.2
11	15.6	26.0	20.3	78.2	15.674	16.4	0.0	0.0	0.0	7.3
12	13.5	26.0	19.7	67.8	15.522	13.6	0.0	0.0	0.0	8.2
13	15.0	25.0	20.4	72.9	17.420	15.3	0.0	0.0	0.0	8.2
14	15.0	27.6	20.3	61.4	15.246	13.1	0.0	0.0	0.0	8.3
15	13.5	25.8	15.8	73.2	16.633	14.8	0.0	0.0	0.0	7.0
16	16.6	25.8	20.0	77.7	16.403	16.1	0.0	27.4	27.4	6.3
17	15.6	24.3	18.9	85.6	18.530	16.6	0.2	0.0	0.2	4.1
18	14.5	25.0	20.1	79.6	12.776	16.5	0.0	0.0	0.0	4.1
19	16.6	24.5	19.5	87.6	19.557	17.5	4.9	22.9	27.8	3.2
20	15.3	22.5	18.3	83.0	15.365	17.0	0.3	22.7	23.0	3.2
21	16.0	23.8	18.5	84.6	12.265	16.1	0.9	0.0	0.9	3.0
22	14.0	25.0	18.9	78.2	17.145	15.1	0.0	1.2	1.2	6.5
23	15.6	25.8	20.4	73.9	17.565	15.5	0.0	0.0	0.0	8.7
24	16.0	26.6	20.8	76.4	18.615	16.5	0.0	3.9	3.9	9.1
25	16.5	25.5	20.3	82.7	15.524	17.1	0.0	22.1	22.1	8.2
26	15.6	25.5	20.4	79.7	18.753	16.4	0.0	9.3	9.3	8.7
27	15.4	25.0	19.8	61.5	12.558	16.7	0.0	0.0	0.0	8.3
28	16.3	26.0	19.4	75.8	17.055	15.0	0.0	0.0	0.0	8.1
29	16.0	25.5	19.6	81.6	18.674	16.6	0.6	0.0	0.6	5.7
PROM.	15.6	24.7	19.5	81.1	16.413	16.2	42.1	166.3	208.4	155.4

ESTACION: GRANJA TIBACUY
 ALTITUD: 1.550

MUNICIPIO: TIBACUY
 LATITUD: 4-21 N.

AÑO: 1.980
 LONGITUD: 74-25 W

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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	15.5	25.0	19.3	82.1	18.355	16.1	0.0	8.6	8.6	3.9
2	15.6	26.0	20.2	81.0	19.154	16.8	0.0	0.0	0.0	7.3
3	15.3	25.0	18.6	82.6	18.030	15.5	12.2	0.1	12.3	4.7
4	14.0	23.5	19.1	81.2	18.142	16.0	0.0	0.0	0.0	5.3
5	15.4	25.0	19.1	84.2	18.953	16.6	0.4	0.0	0.4	5.1
6	15.0	25.0	19.6	79.3	18.067	15.5	0.0	0.0	0.0	6.9
7	16.0	26.0	20.7	69.1	18.557	14.9	0.0	0.0	0.0	6.3
8	16.0	26.2	20.7	74.6	18.220	16.0	0.0	0.0	0.0	6.5
9	17.0	26.4	21.2	68.5	17.209	15.1	0.0	0.0	0.0	7.2
10	15.6	26.0	19.4	80.9	18.374	16.2	0.0	0.0	0.0	1.6
11	16.9	26.5	19.6	80.8	18.409	16.2	0.0	0.0	0.0	4.0
12	17.6	25.6	21.2	76.2	19.173	16.9	0.0	0.0	0.0	3.3
13	16.3	26.0	20.5	77.6	18.743	16.5	0.0	0.0	0.0	4.4
14	16.5	24.5	20.1	60.2	18.566	16.6	0.0	0.0	0.0	0.3
15	15.5	26.3	19.9	78.5	18.559	16.6	0.0	0.6	0.6	6.6
16	16.0	26.3	20.9	66.6	18.641	14.5	0.0	0.0	0.0	6.1
17	16.5	27.5	20.2	64.3	15.660	13.5	7.5	0.9	8.4	2.7
18	15.4	23.6	19.0	85.4	18.650	16.4	0.3	3.6	3.9	0.3
19	15.5	22.0	19.0	92.3	20.307	17.8	0.0	0.0	0.0	2.5
20	14.6	23.5	19.5	75.1	17.176	14.9	0.0	0.0	0.0	7.4
21	16.6	25.5	20.9	66.0	16.442	14.4	0.0	0.0	0.0	5.0
22	16.5	24.5	19.9	78.8	18.520	16.3	0.0	2.4	2.4	1.5
23	16.0	25.6	19.7	73.5	18.563	14.5	0.0	0.0	0.0	3.5
24	16.0	27.0	21.1	76.6	18.524	16.6	0.0	0.1	0.1	6.1
25	15.7	24.5	19.7	80.2	18.576	16.3	0.0	0.0	0.0	2.8
26	16.5	27.0	21.1	73.7	18.150	16.0	0.0	0.0	0.0	4.1
27	17.0	27.3	21.8	66.1	17.035	15.0	0.0	0.0	0.0	5.7
28	18.0	28.0	22.3	70.3	18.564	16.7	0.0	0.0	0.0	4.2
29	17.3	25.0	20.6	69.7	17.182	15.0	0.0	1.0	1.0	4.4
30	16.5	21.4	18.5	89.4	15.204	17.3	1.6	0.0	1.6	0.0
31	16.5	27.6	20.1	65.5	15.544	14.0	0.0	0.0	0.0	9.7
PROM.	16.1	25.5	20.1	76.5	18.050	15.9	22.0	17.3	39.3	139.8

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	27.7	21.7	60.7	15.765	13.7	0.0	0.0	0.0	8.0
2	15.8	23.5	19.6	77.5	17.765	15.6	0.0	0.0	0.0	6.6
3	15.4	27.0	21.6	74.5	15.186	16.8	0.0	1.7	1.7	5.6
4	16.5	25.4	20.1	75.9	16.243	16.0	3.8	2.1	5.9	6.8
5	16.0	26.2	20.1	74.8	17.667	15.6	0.0	0.0	0.0	5.1
6	17.0	25.2	20.3	69.4	16.328	14.2	0.0	0.0	0.0	5.1
7	15.2	22.3	17.9	87.4	18.139	15.5	0.0	0.0	0.0	1.1
8	14.5	24.5	18.8	79.5	17.653	15.5	10.7	0.1	10.8	3.5
9	16.0	25.5	18.8	81.7	18.300	16.1	6.5	32.5	39.0	5.5
10	15.0	24.9	20.0	84.0	19.708	17.2	0.0	0.4	0.4	6.6
11	16.5	26.5	19.5	83.3	19.220	16.5	0.0	21.0	21.0	4.7
12	14.0	25.0	19.6	78.2	18.103	15.5	0.0	28.9	28.9	7.6
13	15.0	24.3	19.0	79.6	17.652	15.7	0.0	0.0	0.0	5.0
14	15.0	25.0	19.1	79.6	17.884	15.7	0.0	0.7	0.7	4.9
15	15.5	23.0	18.7	85.2	18.557	16.3	0.0	0.0	0.0	1.7
16	14.6	26.0	19.9	71.8	17.165	15.0	0.0	0.0	0.0	6.3
17	16.6	23.0	19.1	80.0	18.167	16.0	2.5	0.0	2.5	1.4
18	15.6	23.3	20.5	75.0	18.841	16.6	0.0	0.0	0.0	3.0
19	17.0	26.0	21.1	70.1	17.574	15.4	0.0	0.0	0.0	4.5
20	17.6	23.4	20.5	74.0	18.154	16.0	0.0	0.0	0.0	5.1
21	17.0	25.0	19.0	90.8	20.265	17.7	0.0	0.0	0.0	1.0
22	15.5	23.5	19.6	86.7	20.040	17.5	0.2	0.1	0.3	1.3
23	16.4	25.0	19.6	81.3	18.655	16.5	0.0	0.0	0.0	2.6
24	16.0	20.0	18.0	92.1	19.350	17.0	0.4	0.2	0.6	0.2
25	15.0	22.5	18.6	85.6	18.654	16.4	0.4	8.5	8.9	2.5
26	13.8	21.5	17.8	60.7	16.676	14.6	0.0	0.0	0.0	7.4
27	14.0	25.0	19.8	69.5	16.550	14.5	0.0	0.0	0.0	3.4
28	17.8	25.5	19.4	81.4	18.411	16.3	4.0	0.0	4.0	4.1
29	17.0	23.0	19.9	79.6	18.564	16.7	9.7	0.0	9.7	7.8
30	15.0	25.0	20.0	79.7	18.547	16.5	0.0	0.0	0.0	
PROM.	15.6	24.7	19.6	79.2	18.251	16.0	39.1	96.2	135.3	133.6

ESTACION: GRANJA TIBACUY
ALTITUD: 1.550

MUNICIPIO: TIBACUY
LATITUD: 4-21 N.

AÑO: 1.980
LONGITUD: 74-25 W.

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M E S - J U L I O

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	19.3	75.2	16.557	14.6	0.0	2.3	2.3	5.7
2	14.4	25.5	20.0	74.2	17.170	15.1	0.0	0.0	0.0	5.8
3	14.0	25.5	19.9	72.7	16.358	14.3	0.0	0.0	0.0	7.2
4	13.5	26.5	21.1	64.7	16.256	14.2	0.0	0.0	0.0	7.9
5	15.5	25.0	19.6	71.5	16.252	14.3	0.0	0.0	0.0	6.6
6	14.5	25.3	19.5	64.5	16.677	12.9	0.0	0.0	0.0	6.8
7	14.5	26.5	20.1	68.5	16.049	14.1	0.0	0.0	0.0	6.3
8	15.2	26.5	19.3	74.2	16.782	14.7	2.5	0.0	2.5	7.3
9	16.5	22.5	15.1	79.0	17.722	15.6	0.0	0.0	0.0	2.1
10	16.2	23.7	15.1	81.1	18.252	16.1	4.4	0.0	4.4	3.0
11	15.5	23.5	20.1	68.4	15.550	14.0	0.0	0.0	0.0	5.0
12	16.0	26.5	20.5	71.5	17.161	15.1	0.0	0.0	0.0	7.0
13	15.5	23.0	19.8	70.5	16.251	14.2	0.0	0.0	0.0	5.3
14	14.5	26.0	20.7	69.2	17.012	14.5	0.5	0.0	0.5	4.9
15	15.5	25.5	18.6	64.3	16.224	16.0	0.0	0.0	0.0	1.8
16	13.5	25.5	19.1	73.4	15.524	13.9	0.0	0.0	0.0	2.9
17	14.5	23.3	19.3	74.5	16.555	14.6	0.0	0.0	0.0	3.6
18	14.0	26.3	19.8	68.4	15.452	13.4	0.0	0.2	0.2	7.8
19	16.0	26.3	19.9	65.5	15.457	13.4	1.3	0.0	1.3	6.7
20	16.0	26.5	19.8	74.7	17.031	14.9	0.0	0.0	0.0	4.8
21	15.6	21.5	17.1	87.6	17.356	15.2	0.0	0.0	0.0	1.2
22	14.8	23.5	15.8	73.3	16.556	14.5	0.1	0.4	0.5	4.6
23	14.6	23.6	15.0	78.4	17.243	15.1	3.7	0.1	3.8	3.7
24	14.5	24.3	19.7	76.6	17.230	15.1	0.0	0.0	0.0	3.4
25	15.6	26.0	18.5	82.0	17.704	15.6	0.0	0.0	0.0	3.2
26	17.5	26.0	21.5	63.5	16.341	14.3	0.0	0.0	0.0	7.8
27	17.5	26.1	20.8	64.2	16.040	14.0	0.0	0.0	0.0	5.6
28	16.0	26.0	19.9	74.7	17.641	15.5	0.0	0.0	0.0	5.0
29	15.6	25.5	20.1	72.3	17.206	15.1	0.0	0.0	0.0	7.9
30	15.0	27.6	21.5	64.2	16.450	14.5	0.0	0.0	0.0	5.5
31	16.6	26.5	21.3	65.6	16.725	14.6	0.0	1.0	1.0	7.6
PROM.	15.3	25.3	19.8	72.6	16.711	14.6	12.5	4.0	16.5	164.2

M E S - A G O S T O

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	18.1	81.5	17.127	15.1	4.6	0.2	4.8	3.5
2	14.0	24.5	18.7	70.7	15.316	13.2	1.9	0.0	1.9	5.9
3	14.6	27.6	19.6	69.6	16.266	14.2	1.9	0.0	1.9	6.1
4	13.9	27.0	20.7	73.6	17.525	15.7	0.0	19.5	19.7	7.3
5	14.6	24.5	19.2	77.2	16.854	14.8	13.5	0.5	14.0	6.7
6	15.6	24.3	19.8	79.0	17.878	15.7	0.0	0.0	0.0	3.6
7	15.6	24.2	19.6	78.1	17.777	15.6	0.0	0.0	0.0	1.1
8	15.8	24.5	18.4	82.2	17.456	15.4	0.0	0.0	0.0	0.3
9	14.5	25.0	15.8	71.3	16.722	14.7	0.0	0.0	0.0	5.1
10	16.0	25.3	15.0	73.4	16.167	14.2	0.0	0.0	0.0	5.4
11	14.2	26.6	18.5	76.1	16.423	14.4	0.4	0.0	0.4	6.2
12	14.3	27.0	20.1	65.6	15.066	13.1	0.0	0.0	0.0	8.7
13	15.0	28.3	20.6	64.7	15.257	13.3	0.0	0.0	0.0	7.6
14	16.0	25.0	20.9	66.6	16.738	14.7	0.0	0.0	0.0	5.5
15	16.0	25.2	15.4	75.4	16.535	14.9	7.8	0.0	7.8	5.1
16	15.0	25.0	15.3	75.4	17.045	15.0	0.0	0.0	0.0	7.5
17	16.6	26.2	19.8	71.7	16.849	14.8	0.0	10.8	10.8	5.3
18	14.6	22.5	17.7	77.4	15.757	13.7	0.4	0.0	0.4	0.6
19	14.5	25.0	19.6	69.2	15.652	13.7	0.1	0.0	0.1	4.9
20	15.2	23.0	17.5	84.2	17.418	15.3	0.1	0.0	0.1	3.6
21	13.3	25.0	15.2	62.7	14.138	12.1	0.0	0.0	0.0	6.6
22	13.5	25.3	18.7	76.1	16.861	14.6	1.4	2.3	3.7	5.4
23	13.6	25.5	18.6	67.4	14.562	12.6	0.0	0.0	0.0	7.4
24	14.5	27.1	20.6	61.1	14.454	12.5	0.0	0.0	0.0	7.4
25	13.5	27.0	20.5	62.6	14.505	12.4	0.0	0.0	0.0	5.5
26	15.2	27.3	20.5	74.2	17.561	15.4	0.0	0.4	0.4	7.7
27	14.5	24.1	18.9	74.9	16.214	14.2	0.0	0.2	0.2	3.0
28	13.5	25.4	20.1	72.7	16.613	14.5	0.0	0.8	0.8	5.1
29	14.9	25.0	19.4	76.2	16.506	14.5	0.0	0.0	0.0	1.6
30	14.6	24.5	19.2	76.1	16.655	14.6	0.0	6.3	6.3	3.7
31	14.6	26.4	21.4	61.5	16.056	14.1	0.0	4.1	4.1	4.3
PROM.	14.7	25.4	19.5	72.6	16.362	14.3	32.3	45.1	77.4	158.5

ESTACION: GRANJA TIBACUY

MUNICIPIO: TIBACUY

AÑO: 1-980

ALTITUD: 1.550

LATITUD: 4-21 N.

LONGITUD: 74-25 W.

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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	26.5	20.4	70.0	16.328	14.3	0.0	1.6	1.6	6.9
2	15.5	24.3	20.3	77.6	18.224	16.0	0.0	0.0	0.0	2.6
3	16.4	25.6	20.7	62.8	17.321	15.6	0.0	0.0	0.0	2.9
4	15.5	26.8	20.8	78.0	16.568	14.9	0.0	3.7	3.7	7.1
5	16.2	24.3	19.5	76.0	17.315	15.2	0.0	0.0	0.0	4.6
6	15.6	26.5	20.3	65.9	15.724	13.5	0.0	0.0	0.0	6.5
7	14.6	26.5	19.4	66.7	14.538	13.0	0.0	0.0	0.0	2.5
8	16.3	28.0	22.3	71.0	16.440	14.4	0.0	5.2	5.2	6.4
9	16.3	25.0	19.8	62.1	16.260	14.6	0.0	0.0	0.0	3.8
10	13.3	25.0	17.9	70.0	14.711	12.7	0.1	0.0	0.1	2.5
11	14.3	26.6	21.1	53.5	13.312	11.2	0.0	0.7	0.7	6.3
12	15.0	25.0	19.8	66.8	15.437	13.4	0.0	0.0	0.0	6.2
13	15.5	27.0	21.3	60.4	15.426	13.4	0.0	0.0	0.0	6.5
14	16.6	27.7	22.3	58.3	15.600	14.0	0.0	0.0	0.0	3.4
15	17.3	24.0	20.5	70.1	17.606	15.4	0.0	0.0	0.0	1.1
16	15.5	24.3	19.1	82.6	18.668	16.4	0.0	0.0	0.0	3.5
17	14.0	27.0	20.8	62.6	15.347	13.3	0.0	0.0	0.0	3.6
18	16.5	26.3	20.4	68.3	16.665	14.5	0.9	0.0	0.9	4.8
19	15.2	23.2	17.7	89.0	16.435	16.1	7.2	0.0	7.2	2.1
20	14.6	26.5	21.1	63.0	16.319	14.3	0.0	0.0	0.0	8.8
21	16.0	25.0	20.8	65.0	16.025	14.0	0.1	15.2	15.3	5.1
22	16.6	25.0	19.5	77.8	17.239	15.1	0.3	0.0	0.3	4.5
23	15.8	24.5	20.5	68.1	16.368	14.3	0.0	0.0	0.0	5.7
24	14.4	28.6	22.2	52.1	14.125	12.1	0.0	0.0	0.0	9.3
25	17.4	25.5	20.1	68.1	16.452	14.4	0.0	0.0	0.0	3.6
26	16.4	25.0	21.2	64.0	16.238	14.2	0.0	0.0	0.0	6.3
27	15.0	26.0	20.7	65.0	16.146	14.2	0.0	0.0	0.0	6.0
28	15.0	24.0	19.0	77.0	17.625	15.4	0.0	28.7	28.7	3.5
29	15.6	24.0	19.6	79.0	16.107	15.5	0.0	6.1	6.1	4.2
30	15.0	24.0	18.8	81.6	16.127	15.5	0.2	0.0	0.2	4.3
PROM.	15.6	25.7	20.3	69.2	16.465	14.4	8.8	61.2	70.0	140.4

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	15.0	24.4	19.2	76.5	17.438	15.3	2.1	0.6	2.7	3.6
2	15.0	26.0	21.2	70.1	17.653	15.5	0.0	0.0	0.0	7.6
3	14.6	26.0	20.6	64.0	16.141	14.1	0.0	10.1	10.1	7.7
4	15.5	24.0	19.3	86.0	15.331	16.9	2.9	0.4	3.3	5.9
5	15.0	24.3	21.2	72.9	18.365	16.1	3.8	12.3	16.1	3.9
6	14.5	24.4	17.6	87.0	17.598	15.8	0.0	3.6	3.6	2.2
7	15.4	23.1	19.2	87.0	19.365	17.0	0.0	0.5	0.5	1.2
8	15.2	25.3	19.3	77.0	17.331	15.4	7.1	2.2	9.3	2.1
9	15.0	24.4	19.4	80.0	18.216	16.0	0.0	10.0	10.0	9.2
10	14.6	21.4	16.1	86.7	18.255	16.1	8.6	0.0	8.6	1.0
11	15.3	23.0	19.8	70.7	16.544	14.5	0.0	0.2	0.2	6.3
12	15.0	25.0	19.3	75.0	17.222	15.2	0.0	0.0	0.0	7.1
13	16.2	25.0	20.7	67.0	16.552	14.7	0.0	0.0	0.0	7.7
14	14.3	25.5	20.1	72.3	17.222	15.1	0.0	0.0	0.0	5.6
15	16.0	25.0	20.4	68.7	16.659	14.8	0.0	0.0	0.0	4.7
16	16.5	26.0	21.1	71.6	18.200	16.0	1.8	1.4	3.2	4.5
17	15.8	21.0	17.6	92.0	18.734	16.4	4.2	0.0	4.2	0.1
18	15.2	21.0	17.5	85.7	17.413	15.3	2.0	2.8	4.8	1.4
19	14.5	23.0	19.1	78.8	17.746	15.6	0.0	0.6	0.6	7.0
20	14.4	24.0	19.0	79.1	17.729	15.6	0.4	0.0	0.4	5.5
21	15.0	26.0	19.5	73.6	17.315	15.2	0.5	0.0	0.5	6.6
22	18.6	25.0	20.8	68.3	17.081	14.9	0.0	0.0	0.0	7.6
23	16.5	24.5	20.0	75.4	17.521	15.8	0.0	0.0	0.0	4.1
24	15.5	25.3	20.7	67.6	16.247	14.8	0.0	0.0	0.0	7.3
25	15.4	22.4	21.8	66.2	17.441	15.3	0.0	0.0	0.0	8.8
26	16.5	21.1	19.0	85.0	15.015	16.7	0.0	0.0	0.0	2.5
27	16.0	24.4	20.1	79.0	16.257	16.3	0.0	0.0	0.0	5.5
28	15.9	22.6	20.8	60.0	15.325	13.3	0.0	0.0	0.0	5.7
29	15.3	22.6	20.0	72.0	17.155	15.0	0.0	0.0	0.0	6.4
30	16.0	25.5	19.4	71.5	16.608	14.5	0.0	0.0	0.0	4.5
31	15.3	25.5	19.5	70.1	16.663	14.6	0.0	0.0	0.0	6.2
PROM.	15.5	24.6	19.7	75.5	17.556	15.4	33.4	44.7	78.1	155.5

ESTACION: GRANJA TIACUY
 ALTITUD: 1.550

MUNICIPIO: TIACUY
 LATITUD: 4-21 N.

AÑO: 1.980
 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	26.0	20.5	74.6	16.567	16.3	0.0	5.9	5.9	6.8
2	15.6	24.0	18.1	78.6	16.341	14.3	0.9	0.0	0.9	4.6
3	15.2	26.0	19.3	80.8	18.453	16.2	1.7	9.1	10.8	2.1
4	14.4	24.0	15.3	77.1	17.459	15.3	0.0	0.0	0.0	4.8
5	15.0	24.5	15.7	80.1	18.740	16.5	2.6	9.0	11.6	5.5
6	15.3	24.4	18.3	91.2	19.472	17.1	0.0	0.0	0.0	1.4
7	15.0	23.0	19.2	82.0	16.658	16.4	0.2	0.4	0.6	7.4
8	15.5	24.0	18.2	85.6	18.248	16.0	0.0	0.0	0.0	3.0
9	13.6	24.0	15.8	79.6	17.656	15.6	0.0	0.0	0.0	6.2
10	14.7	24.5	16.2	75.5	17.244	15.2	0.0	0.0	0.0	5.2
11	15.0	26.6	20.9	67.2	17.033	15.0	0.0	0.0	0.0	7.1
12	15.2	22.0	17.4	92.0	18.510	16.5	5.1	0.0	5.1	0.0
13	14.3	23.0	18.8	82.6	18.263	16.0	0.0	0.0	0.0	3.0
14	14.6	23.5	18.7	79.1	17.238	15.1	0.0	0.0	0.0	1.7
15	15.0	25.0	19.8	74.8	17.658	15.6	0.2	0.0	0.2	8.1
16	14.0	24.3	18.2	80.2	17.425	15.1	0.8	0.0	0.8	4.9
17	16.0	24.0	15.1	82.6	18.402	16.2	0.0	3.0	3.0	0.8
18	16.4	24.5	20.3	66.3	20.441	17.8	1.2	8.6	9.8	7.1
19	14.5	25.0	18.9	73.6	17.451	15.4	0.0	0.0	0.0	8.4
20	14.6	23.0	16.3	80.2	18.074	15.9	1.2	0.0	1.2	5.2
21	14.4	23.0	16.8	76.5	17.420	15.2	0.0	0.0	0.0	4.2
22	14.3	23.5	15.4	74.3	17.335	15.2	0.0	0.0	0.0	7.2
23	15.3	23.0	20.0	72.3	17.526	15.4	0.0	0.0	0.0	7.5
24	14.7	23.0	19.3	77.4	16.111	15.9	5.5	0.0	5.5	7.3
25	14.5	23.0	20.3	75.2	18.264	16.1	0.0	0.0	0.0	5.8
26	15.4	23.0	19.6	74.7	17.406	15.3	0.2	0.0	0.2	4.3
27	14.5	23.0	15.7	76.4	17.513	15.7	0.0	0.0	0.0	4.1
28	14.5	23.0	20.8	71.5	17.761	15.6	0.0	0.0	0.0	8.0
29	15.3	23.0	15.9	87.6	20.749	18.1	0.0	0.1	0.1	2.5
30	14.5	23.0	20.1	78.4	16.764	16.5	0.0	0.0	0.0	9.1
PROM.	14.9	24.4	19.4	79.0	18.106	15.9	19.6	36.1	55.7	156.0

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	14.5	26.6	20.8	70.3	17.549	15.4	0.0	0.0	0.0	8.0
2	15.0	25.0	20.1	82.2	19.452	17.1	0.0	6.9	6.9	3.0
3	16.6	26.0	20.1	80.7	19.187	16.8	2.3	0.0	2.3	7.0
4	16.0	23.0	20.4	72.0	17.364	15.3	0.0	0.0	0.0	5.2
5	14.6	23.0	20.0	70.9	16.968	14.9	0.0	0.0	0.0	4.3
6	15.8	23.5	20.1	74.9	17.437	15.5	0.0	0.0	0.0	5.4
7	15.0	24.0	18.3	79.1	17.266	15.2	0.0	0.0	0.0	1.1
8	14.5	21.3	19.3	81.9	18.576	16.3	0.8	0.0	0.8	0.0
9	13.6	23.5	18.2	79.9	16.909	14.9	0.0	0.0	0.0	2.2
10	13.4	23.0	16.6	66.9	15.608	13.6	0.0	0.0	0.0	7.1
11	14.0	27.6	21.1	59.6	15.381	13.3	0.0	0.0	0.0	9.1
12	14.8	25.4	20.1	64.2	15.779	13.6	0.1	0.0	0.1	5.7
13	14.5	23.6	19.2	74.1	16.667	14.7	0.0	0.0	0.0	6.9
14	15.0	26.6	20.5	67.2	16.747	14.7	0.0	0.0	0.0	8.5
15	15.3	27.1	21.2	70.0	17.807	15.7	0.0	0.0	0.0	9.4
16	16.3	26.0	20.1	73.5	17.631	15.5	0.0	0.0	0.0	0.8
17	16.5	24.5	18.5	85.7	19.714	17.3	11.7	6.0	17.7	1.5
18	15.5	24.0	16.8	73.0	17.101	15.0	0.0	4.9	4.9	4.7
19	16.0	24.0	15.5	81.3	18.417	16.2	0.0	2.6	2.6	5.6
20	14.3	23.9	20.1	83.8	19.573	17.1	0.2	0.3	0.5	6.8
21	15.6	24.3	19.6	79.1	18.464	16.2	0.0	0.0	0.0	6.0
22	17.0	24.0	19.9	77.8	18.352	16.2	0.0	0.0	0.0	6.3
23	16.0	24.0	20.3	76.7	18.266	16.2	0.0	0.9	0.9	5.1
24	16.0	24.8	19.3	70.4	16.243	14.2	2.3	0.0	2.3	5.0
25	15.0	23.3	18.2	81.6	17.631	15.5	0.0	0.0	0.0	0.0
26	16.5	22.5	18.1	91.3	19.147	16.8	3.1	0.0	3.1	0.7
27	14.2	23.0	18.0	84.1	17.563	15.5	15.1	0.0	15.1	5.1
28	15.5	22.3	19.2	76.0	17.237	15.1	3.8	0.0	3.8	2.4
29	15.6	23.0	18.5	81.1	19.528	17.1	3.7	27.3	31.0	4.0
30	14.6	18.8	17.2	94.0	18.511	16.3	3.4	23.8	27.2	0.0
31	14.8	22.0	18.2	90.7	18.501	16.6	4.1	23.0	27.1	3.4
PROM.	15.2	24.4	19.5	77.6	17.768	15.6	50.6	95.7	146.3	

ESTACION: GRANJA TIBACUY

MUNICIPIO TIBACUY

AÑO: 1.980

ALTITUD: 1.550

LATITUD: 4-21 N.

LONGITUD: 74-25 W.

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MESES	TEMPERATURA °C					Humedad relativa o/o	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.5	24.9	19.5	13.6	27.5	73.7	16.861	14.7	81.9	9	173.6
FEBRERO	15.6	24.7	19.5	13.5	27.6	81.1	16.413	16.2	208.4	17	155.4
MARZO	16.1	25.5	20.1	14.6	28.0	76.5	16.050	15.9	39.3	10	139.8
ABRIL	15.8	24.7	19.6	13.6	27.7	75.2	16.251	16.0	135.3	15	133.6
MAYO	16.1	24.8	19.8	15.0	27.6	75.4	16.546	16.3	36.5	8	133.3
JUNIO	15.4	24.4	19.4	13.3	27.0	76.5	17.708	15.6	74.2	15	149.8
JULIO	15.3	25.3	19.8	13.5	27.6	72.6	16.711	14.6	16.5	9	164.2
AGOSTO	14.7	25.4	19.5	13.3	28.3	72.6	16.362	14.3	77.4	17	158.5
SEPTIEMBRE	15.6	25.7	20.3	13.3	28.6	65.2	16.485	14.4	70.0	12	140.4
OCTUBRE	15.5	24.6	19.7	14.3	26.8	75.5	17.596	15.4	78.1	16	155.9
NOVIEMBRE	14.9	24.4	19.4	13.6	26.6	75.0	18.106	15.9	55.7	14	156.0
DICIEMBRE	15.2	24.4	19.5	13.4	27.6	77.6	17.788	15.6	146.3	16	
PROMEDIO	15.5	24.9	19.7	13.8	27.6	76.2	17.576	15.4			
TOTAL									1019.6	158	

ESTACION: JORGE VILLAMIL
 ALTITUD: 1.500

MUNICIPIO: GIGANTE
 LATITUD: 2-22 N.

AÑO: 1.980
 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	17.5	23.5	19.8	79.7	18.484	16.3	9.3	2.0	11.3	0.5
2	17.0	26.0	20.6	74.9	16.005	15.8	0.0	0.1	0.1	2.6
3	17.0	27.5	20.2	78.2	16.705	16.4	1.3	0.0	1.3	4.8
4	15.5	26.8	19.9	69.3	16.156	14.2	0.0	0.0	0.0	4.6
5	16.0	26.4	20.8	64.1	15.555	13.6	0.0	0.0	0.0	4.5
6	15.6	26.6	21.0	64.3	15.893	13.9	0.0	0.0	0.0	2.4
7	16.6	26.6	21.2	65.2	16.200	14.2	0.0	0.0	0.0	5.6
8	16.0	27.8	20.6	66.5	15.500	13.9	0.0	0.0	0.0	7.0
9	15.5	28.0	21.7	65.1	14.274	14.3	0.0	0.0	0.0	8.4
10	16.0	27.0	21.7	67.1	17.140	15.1	0.0	0.0	0.0	8.4
11	16.0	25.0	20.9	79.5	19.407	17.0	0.0	8.6	8.6	5.1
12	16.0	25.0	19.7	78.1	17.666	15.6	0.0	0.0	0.0	4.8
13	16.0	24.8	19.4	76.5	17.000	15.0	0.0	17.3	17.3	6.6
14	15.6	23.6	20.2	78.5	17.589	15.8	0.0	18.9	18.9	6.6
15	16.0	22.0	18.4	89.7	15.067	16.7	11.4	0.0	11.4	0.9
16	16.5	22.0	18.2	92.3	15.213	16.9	18.6	0.0	18.6	0.2
17	16.5	23.5	19.8	79.6	18.202	16.0	1.0	0.0	1.0	4.9
18	17.5	24.5	19.8	81.2	18.644	16.4	0.0	0.4	0.4	3.0
19	16.5	21.5	19.0	65.9	18.579	16.7	2.0	0.0	2.0	2.8
20	15.0	25.3	20.0	60.2	16.560	16.3	0.0	0.0	0.0	6.7
21	17.0	23.9	19.4	80.5	18.192	16.0	0.0	0.0	0.0	0.8
22	15.5	25.9	21.4	61.4	15.135	13.1	0.0	0.7	0.7	4.1
23	17.0	25.6	20.1	78.3	18.253	16.1	0.0	0.0	0.0	3.3
24	17.0	24.6	19.6	85.7	19.494	17.1	0.1	1.7	1.8	0.6
25	17.0	27.7	22.9	57.5	15.257	12.9	0.0	0.0	0.0	4.4
26	16.5	29.5	24.3	48.2	13.616	11.5	0.0	0.0	0.0	9.1
27	15.6	30.5	23.7	54.6	15.351	13.2	0.0	0.0	0.0	9.6
28	18.5	25.0	21.5	75.6	15.351	17.0	0.0	0.0	0.0	2.4
29	17.0	27.0	21.3	74.3	16.484	16.2	0.8	0.0	0.8	4.4
30	18.0	26.5	20.6	82.4	20.244	17.7	0.0	0.0	0.0	4.6
31	17.0	25.6	20.7	77.6	18.655	16.4	0.0	2.4	2.4	3.3
PROM.	16.5	25.7	20.6	74.0	17.587	15.4	44.5	52.1	96.6	137.0

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	17.0	21.6	18.8	92.4	15.578	17.5	15.5	3.7	19.2	0.0
2	16.5	23.0	18.6	50.6	15.028	16.7	3.2	0.0	3.2	3.0
3	16.0	26.8	22.0	66.8	16.662	14.8	5.4	0.4	5.8	0.0
4	16.0	20.0	18.2	94.6	15.563	17.1	1.5	0.0	1.5	0.6
5	16.0	24.0	19.8	82.0	18.741	16.5	0.0	0.0	0.0	4.8
6	17.0	23.5	19.7	85.7	15.627	17.2	0.0	0.0	0.0	2.4
7	17.0	24.4	20.5	80.1	18.546	16.6	0.0	0.0	0.0	1.7
8	16.5	24.5	21.0	82.7	20.151	17.6	0.0	2.0	2.0	4.8
9	17.0	25.0	21.0	82.7	20.225	17.7	0.0	4.6	4.6	6.3
10	17.0	25.0	20.0	83.3	19.163	16.8	0.0	0.0	0.0	3.2
11	16.0	25.5	20.3	79.3	18.776	16.5	0.0	0.0	0.0	7.0
12	14.5	27.0	21.1	61.8	14.634	12.9	0.0	0.0	0.0	8.1
13	16.0	26.5	21.3	70.5	17.660	15.5	0.0	0.0	0.0	5.2
14	15.5	27.0	21.1	68.5	16.507	14.8	0.0	0.0	0.0	5.2
15	16.0	23.5	21.1	63.6	15.506	13.4	0.0	0.0	0.0	9.2
16	17.0	23.9	21.0	79.6	19.729	17.3	0.0	0.0	0.0	7.1
17	16.6	23.0	20.3	78.5	16.558	16.3	0.0	1.7	1.7	3.1
18	16.0	22.5	19.0	89.2	19.416	17.0	4.2	0.0	4.2	0.2
19	17.5	23.6	20.0	50.3	21.216	18.4	0.0	0.3	0.3	1.8
20	16.5	22.6	18.1	92.1	15.256	16.5	2.8	0.0	2.8	0.6
21	16.6	24.3	19.2	86.2	19.455	17.0	0.0	2.3	2.3	6.6
22	15.5	26.5	21.2	76.6	18.550	16.7	0.0	0.0	0.0	7.6
23	16.5	26.8	21.2	75.3	18.759	16.5	0.0	1.5	1.5	7.8
24	17.6	23.5	21.4	87.6	22.335	19.1	0.2	1.4	1.6	4.4
25	17.5	24.5	20.2	65.5	20.256	17.7	0.0	0.5	0.5	4.6
26	17.5	24.0	20.2	80.8	18.874	16.5	0.0	9.1	9.1	0.3
27	16.5	25.5	20.7	72.9	17.396	15.3	0.0	0.0	0.0	7.5
28	17.0	26.5	21.6	70.0	17.766	15.6	0.0	0.0	0.0	7.3
29	18.5	24.5	21.3	76.4	15.061	16.8	0.0	0.6	0.6	6.0
PROM.	16.6	24.7	20.3	80.2	18.666	16.5	32.8	28.3	61.1	134.1

ESTACION: JORGE VILLAMIL
 ALTITUD: 1.500

MUNICIPIO: GIGANTE
 LATITUD: 2-22 N.

AÑO: 1.980
 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	17.5	25.5	21.0	71.5	17.440	15.2	0.0	0.0	0.0	8.6
2	17.5	26.2	21.4	70.0	17.569	15.4	0.0	18.8	18.8	6.1
3	17.0	21.5	18.9	78.6	17.189	15.0	1.5	0.0	1.5	0.4
4	16.0	25.6	19.5	80.8	18.273	16.3	0.0	0.0	0.0	4.7
5	16.5	24.5	20.4	82.3	19.525	17.2	0.0	0.0	0.0	7.9
6	16.5	25.6	20.0	86.3	19.511	17.4	0.0	0.0	0.0	3.8
7	16.5	27.0	20.9	65.6	16.064	14.0	0.0	0.0	0.0	8.2
8	16.5	27.6	22.2	56.5	14.855	12.9	0.0	0.0	0.0	6.3
9	16.5	27.4	20.9	64.1	15.546	13.9	0.0	0.0	0.0	6.1
10	17.5	24.5	20.2	80.4	18.654	16.4	0.7	0.0	0.7	1.7
11	17.5	24.5	21.2	64.5	16.052	14.1	0.6	0.0	0.6	1.7
12	18.7	25.2	20.7	70.8	17.463	15.4	0.0	1.8	1.8	1.0
13	17.0	25.1	19.8	82.7	18.704	16.4	0.8	0.0	0.8	1.0
14	17.5	26.9	21.5	70.5	17.736	15.6	0.0	0.0	0.0	4.3
15	17.2	26.0	20.8	71.6	17.499	15.4	0.0	0.0	0.0	0.2
16	17.5	26.8	21.8	66.5	17.421	15.3	0.0	0.0	0.0	1.0
17	18.5	28.3	23.2	64.4	17.113	15.1	0.0	0.0	0.0	4.0
18	18.5	27.9	21.9	73.5	19.467	17.1	0.0	11.8	11.8	3.3
19	17.0	21.3	19.0	81.0	17.656	15.2	1.7	0.0	1.7	0.2
20	17.0	27.9	21.6	65.3	16.625	14.6	0.0	0.0	0.0	6.8
21	17.5	25.5	20.8	64.7	15.742	13.8	0.0	0.0	0.0	3.8
22	17.5	26.5	21.9	66.5	17.142	15.1	0.0	5.9	5.9	2.9
23	16.5	23.5	19.4	83.6	18.669	16.4	1.3	0.0	1.3	0.0
24	17.5	26.8	21.1	69.4	17.428	15.3	2.8	2.8	5.6	2.9
25	17.0	24.3	19.9	77.2	17.840	15.7	1.4	0.5	1.9	3.3
26	17.0	23.9	20.2	72.9	16.953	14.9	0.0	0.3	0.3	2.5
27	18.0	24.6	21.1	73.3	18.066	15.9	0.2	0.0	0.2	2.0
28	18.5	24.3	21.0	74.2	18.411	16.2	0.1	0.1	0.2	3.3
29	17.6	23.3	19.9	81.5	18.901	16.6	2.6	2.4	5.0	0.6
30	17.0	20.0	18.5	50.5	19.234	16.8	6.9	0.0	6.9	0.0
31	17.0	26.3	19.3	60.5	17.507	15.7	0.8	0.0	0.8	3.3
PROM.	17.3	25.3	20.6	73.6	17.677	15.5	21.4	44.4	65.8	102.4

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	16.0	28.4	22.8	55.0	15.152	13.2	0.0	6.2	6.2	5.3
2	17.6	22.5	18.9	86.5	18.643	16.4	7.8	0.0	7.8	0.5
3	17.5	25.8	21.2	78.7	19.548	17.1	0.0	19.7	19.7	4.6
4	17.5	24.5	19.8	86.6	19.872	17.4	0.4	2.1	2.5	3.1
5	15.0	26.3	20.0	76.2	17.615	15.5	19.9	0.0	19.9	3.2
6	18.2	25.3	20.5	81.7	19.889	17.4	6.7	42.9	49.6	2.5
7	17.0	26.0	19.7	85.1	19.658	17.2	3.4	0.0	3.4	4.0
8	15.4	24.5	20.3	81.0	19.253	16.5	0.0	0.0	0.0	6.1
9	17.0	26.0	19.7	80.8	18.639	16.5	13.7	5.4	19.1	4.8
10	15.0	24.0	19.4	80.4	18.051	15.5	0.0	6.9	6.9	3.8
11	16.5	24.5	20.3	81.9	19.352	17.0	0.0	5.5	5.5	2.7
12	15.5	24.0	19.8	60.6	18.464	16.2	0.0	0.7	0.7	3.8
13	16.6	25.5	20.6	60.3	19.558	17.2	0.0	0.0	0.0	5.0
14	16.4	24.5	20.1	81.5	19.226	16.5	0.0	9.8	9.8	2.5
15	14.5	24.5	16.5	83.2	17.821	15.6	10.7	0.2	10.9	4.1
16	17.0	23.8	20.2	72.8	17.138	15.0	0.0	0.3	0.3	1.6
17	17.0	23.0	20.3	74.5	17.747	15.6	0.0	1.0	1.0	1.8
18	17.0	23.4	19.7	78.2	17.604	15.7	0.2	0.0	0.2	3.5
19	17.0	25.0	20.7	72.6	17.731	15.6	0.0	0.0	0.0	0.0
20	17.0	24.5	20.1	80.7	19.133	16.7	0.0	0.0	0.0	0.8
21	17.0	21.4	19.1	85.8	19.026	16.7	1.2	0.0	1.2	2.0
22	17.0	25.5	20.2	78.0	18.633	16.4	0.1	0.0	0.1	3.6
23	17.0	24.3	20.4	64.3	15.536	13.6	0.0	0.0	0.0	2.6
24	17.0	25.0	20.7	69.7	17.166	15.1	0.0	0.0	0.0	3.3
25	17.0	25.0	20.9	76.3	18.676	16.6	0.1	6.7	6.8	2.4
26	16.4	22.5	18.1	93.0	19.065	16.8	0.7	0.0	0.7	6.1
27	14.5	27.5	19.9	72.3	16.664	14.5	0.0	0.0	0.0	3.6
28	17.0	26.5	21.9	68.9	18.178	16.0	0.3	0.0	0.3	4.8
29	17.0	26.0	21.1	73.2	18.516	16.1	3.6	0.0	3.6	3.4
30	17.0	24.8	20.8	62.1	20.259	17.7	3.3	0.0	3.3	
PROM.	16.6	24.8	20.2	78.1	18.418	16.2	81.1	107.4	188.5	107.3

ESTACION: JORGE VILLAMIL

MUNICIPIO: GIGANTE

AÑO: 1.980

ALTITUD: 1.500

LATITUD: 2-22 N.

LONGITUD: 75-33 W.

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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	18.0	24.2	20.1	84.2	19.820	17.3	17.4	0.2	17.6	1.9
2	17.0	26.5	20.6	73.5	17.450	15.3	0.5	6.9	7.8	6.4
3	16.5	24.2	21.0	76.2	18.559	16.7	0.2	8.8	9.0	4.6
4	16.5	21.0	18.1	53.0	15.212	16.9	3.8	0.0	3.8	0.2
5	15.5	22.5	18.8	74.8	16.331	14.0	0.6	0.0	0.6	1.6
6	16.5	20.5	18.4	90.7	15.360	17.0	31.2	0.0	31.2	0.0
7	15.5	24.5	19.5	81.9	18.752	16.5	0.6	0.3	0.9	3.8
8	16.0	23.0	19.8	79.2	18.511	16.3	0.3	0.0	0.3	5.9
9	15.5	26.5	21.7	63.7	16.639	14.6	0.0	0.0	0.0	5.2
10	18.0	27.0	22.2	67.5	18.122	15.9	0.0	0.0	0.0	4.6
11	15.5	26.0	21.8	66.7	17.226	15.1	0.0	0.8	0.8	7.7
12	17.0	25.0	21.6	70.7	18.301	16.1	2.2	0.0	2.2	4.6
13	16.8	22.6	19.7	79.3	18.246	16.1	0.0	0.0	0.0	0.1
14	16.5	27.5	21.4	67.9	17.510	15.4	0.0	4.8	4.8	4.4
15	17.0	24.0	20.2	80.0	18.805	16.5	0.8	0.0	0.8	2.8
16	16.5	27.6	20.3	76.4	18.052	15.9	11.0	0.0	11.0	4.2
17	16.5	26.5	21.2	69.5	17.642	15.5	0.0	15.3	15.3	6.0
18	16.5	25.3	20.9	77.0	18.753	16.4	0.9	14.4	15.3	7.3
19	15.5	26.5	20.6	72.0	17.243	15.2	0.0	0.0	0.0	3.2
20	16.0	27.0	21.9	67.3	17.585	15.5	0.0	0.0	0.0	6.7
21	17.5	25.0	20.0	83.6	19.659	17.3	3.4	0.0	3.4	2.2
22	17.0	26.0	21.7	64.5	16.610	14.6	0.0	6.2	6.2	5.2
23	16.5	25.0	20.3	70.5	16.504	14.5	0.0	0.0	0.0	6.6
24	17.5	26.0	21.8	67.2	17.326	15.2	0.0	0.0	0.0	6.2
25	16.3	25.0	19.4	86.8	19.474	17.1	11.4	0.0	11.4	4.2
26	17.5	23.5	18.5	67.5	18.605	16.5	4.2	0.0	4.2	1.4
27	16.5	24.0	19.6	75.0	17.138	15.1	0.0	0.0	0.0	1.5
28	16.5	25.0	20.6	70.2	16.700	14.6	0.0	0.0	0.0	4.5
29	16.0	27.5	22.3	62.4	16.358	14.4	0.0	0.1	0.1	6.4
30	16.5	26.0	20.9	71.1	17.586	15.5	0.0	0.0	0.0	6.9
31	15.5	26.5	21.8	69.6	18.136	16.0	0.0	0.0	0.0	6.8
PROM.	16.5	25.1	20.5	74.5	17.575	15.8	68.9	57.6	146.7	130.5

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	18.0	25.0	20.1	82.7	19.440	17.0	0.1	6.9	7.0	3.4
2	17.0	21.0	18.6	69.0	18.653	16.5	1.3	0.0	1.3	0.0
3	17.0	22.4	19.5	77.4	18.164	16.0	2.2	2.5	4.7	3.7
4	16.0	22.0	19.1	85.8	18.505	16.6	0.7	0.0	0.7	1.9
5	15.5	22.5	19.6	78.1	17.917	15.6	0.0	0.0	0.0	1.3
6	17.0	25.5	19.8	79.2	18.350	16.2	6.3	2.5	8.8	0.0
7	16.0	23.0	19.7	79.7	18.263	16.0	0.0	3.7	3.7	1.6
8	16.0	21.5	19.2	88.3	19.576	17.2	1.8	1.6	3.4	0.6
9	15.5	25.0	20.9	77.3	19.090	16.7	0.0	0.0	0.0	6.0
10	17.5	22.0	19.2	68.2	15.715	17.2	9.8	0.2	10.0	0.6
11	17.0	22.5	19.3	83.1	18.444	16.2	1.7	0.0	1.7	0.4
12	17.5	26.0	21.0	71.6	17.737	15.6	0.2	19.8	20.0	4.4
13	16.5	23.0	19.3	83.1	18.311	16.1	1.8	0.0	1.8	2.5
14	17.5	26.5	21.6	66.6	16.889	14.8	0.3	0.0	0.3	9.2
15	16.5	20.5	18.2	72.5	17.402	15.3	0.0	0.0	0.0	3.6
16	16.0	20.2	18.4	71.4	17.134	15.0	0.1	0.0	0.1	3.4
17	16.0	24.6	21.5	61.8	15.854	13.6	0.0	3.4	3.4	6.1
18	16.0	24.0	20.5	70.5	17.714	15.6	0.0	0.0	0.0	7.0
19	17.0	24.5	20.7	74.8	18.282	16.1	0.3	4.1	4.4	3.0
20	16.5	24.5	19.5	85.7	18.052	15.5	0.3	0.4	0.7	0.4
21	15.5	23.5	18.9	76.2	16.602	14.7	1.1	0.0	1.1	0.7
22	16.0	22.6	19.6	78.6	16.562	14.5	0.0	0.0	0.0	2.9
23	15.5	22.7	19.7	67.4	16.162	14.2	1.4	0.0	1.4	4.1
24	14.5	22.2	19.4	67.4	16.768	14.7	0.0	0.1	0.1	8.4
25	17.0	22.3	19.6	66.7	17.115	15.7	0.0	10.1	10.1	9.0
26	16.5	24.0	19.6	83.1	17.749	15.6	2.3	0.3	2.6	1.4
27	16.0	24.0	19.9	69.2	15.885	13.5	0.0	0.0	0.0	5.6
28	14.5	23.5	19.2	61.5	13.881	11.7	0.0	0.0	0.0	3.6
29	15.0	23.0	19.5	74.7	16.537	14.9	0.3	0.0	0.3	5.0
30	16.0	24.0	20.0	74.7	17.671	15.5	14.4	8.5	22.9	5.1
PROM.	16.3	24.0	20.0	76.2	17.694	15.5	46.4	64.0	110.4	105.1

ESTACION: JORGE VILLANIL

MUNICIPIO: GIGANTE

AÑO: 1.980

ALTITUD: 1.500

LATITUD: 2-22 N.

LONGITUD: 75-33 W.

M E S - J U L I O

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	77.0	17.317	15.2	0.0	0.0	0.0	4.5
2	15.0	22.0	17.3	68.5	17.438	15.7	8.0	0.0	8.0	2.0
3	14.5	23.0	18.8	72.4	15.472	13.7	0.0	0.0	0.0	7.5
4	15.5	23.3	16.0	78.0	16.553	14.9	0.0	0.4	0.4	1.8
5	14.5	24.0	18.2	72.2	15.262	13.3	0.0	0.0	0.0	5.6
6	14.5	23.5	19.7	66.2	15.066	13.1	0.0	0.0	0.0	4.9
7	15.0	23.0	19.3	70.2	15.565	14.0	0.0	0.0	0.0	3.0
8	16.0	26.0	21.1	68.9	17.148	15.1	0.3	0.0	0.3	8.3
9	16.0	25.0	20.0	77.2	18.014	15.8	0.6	1.4	2.2	4.5
10	16.0	25.0	20.8	78.4	17.188	15.1	0.6	0.0	0.6	4.2
11	15.5	22.0	20.2	69.7	16.214	14.2	0.0	0.0	0.0	5.7
12	16.0	23.0	20.5	68.5	16.455	14.6	0.0	0.5	0.5	4.0
13	15.5	23.0	20.8	70.4	17.047	15.0	1.2	0.0	1.2	3.6
14	16.0	23.0	20.2	72.6	17.207	15.1	0.6	0.0	0.6	5.4
15	16.5	23.0	19.3	79.9	17.523	15.6	0.1	0.0	0.1	4.7
16	16.0	21.0	18.2	87.7	18.265	16.1	0.4	0.0	0.4	0.6
17	16.0	21.0	16.4	83.7	17.616	15.7	0.9	0.0	0.9	0.7
18	16.0	26.0	20.1	67.7	15.553	13.6	0.0	0.0	0.0	7.2
19	16.0	26.0	20.2	72.2	17.057	15.0	0.0	4.9	4.9	5.8
20	15.5	22.0	16.8	61.6	17.456	15.4	0.0	3.0	3.0	2.1
21	15.5	21.5	18.2	61.4	16.572	14.5	5.3	0.8	6.1	0.4
22	15.0	22.0	18.9	83.4	17.965	15.8	0.1	5.1	5.2	2.1
23	14.5	20.0	17.3	88.4	17.615	15.6	2.2	0.0	2.2	1.0
24	15.0	22.0	16.2	74.8	15.715	13.7	0.0	0.0	0.0	1.3
25	14.5	25.0	20.5	59.6	14.157	12.2	0.0	0.0	0.0	3.5
26	15.5	26.0	20.5	62.7	14.656	12.9	0.0	0.0	0.0	5.6
27	15.5	25.0	19.6	74.2	16.654	14.8	8.0	4.2	12.2	3.7
28	16.0	25.0	20.9	49.1	16.614	14.8	0.0	0.0	0.0	5.0
29	15.5	25.0	20.3	70.7	16.732	14.7	0.0	0.0	0.0	6.1
30	15.5	26.0	20.6	68.5	16.549	14.6	0.1	0.4	0.5	7.2
31	16.0	23.0	20.1	72.5	16.650	14.8	0.0	9.7	9.7	2.7
PROM.	15.4	23.9	19.5	74.6	16.735	14.7	28.4	30.6	59.0	125.2

M E S - A G O S T O

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	23.5	19.3	66.2	14.552	13.0	0.0	0.0	0.0	3.2
2	15.5	25.8	20.3	66.0	15.455	13.5	0.0	0.0	0.0	4.4
3	14.5	28.4	22.6	67.8	17.653	15.4	0.2	0.0	0.2	9.8
4	16.5	27.3	21.7	68.6	17.434	15.3	0.0	0.0	0.0	7.0
5	17.5	25.3	20.5	74.4	16.017	15.2	0.6	0.0	0.6	4.4
6	16.0	21.5	15.1	80.4	17.560	15.8	4.1	0.0	4.1	1.3
7	16.5	25.4	20.4	73.6	17.455	15.3	0.7	0.0	0.7	1.8
8	15.5	25.5	20.1	75.5	17.555	15.4	1.6	0.0	1.6	5.9
9	16.5	24.0	19.0	82.4	16.022	15.2	3.5	0.3	3.8	3.4
10	15.0	26.0	19.7	65.0	14.500	12.9	0.0	0.0	0.0	8.1
11	13.5	26.0	20.6	62.0	14.439	12.6	0.0	0.0	0.0	7.1
12	16.5	22.0	19.1	70.7	15.757	13.8	0.0	0.0	0.0	3.7
13	15.0	26.0	20.7	61.8	14.572	13.0	0.0	0.0	0.0	6.6
14	16.0	23.8	20.7	70.6	16.528	14.8	1.2	0.0	1.2	4.1
15	16.0	22.0	19.1	83.4	16.501	16.3	0.4	6.5	6.9	2.5
16	15.5	26.0	20.0	69.0	16.244	14.3	0.3	0.0	0.3	5.7
17	15.5	27.6	19.9	67.4	15.613	13.6	0.0	2.6	2.6	7.6
18	15.0	23.0	16.2	79.5	16.649	14.8	5.0	0.0	5.0	3.6
19	15.5	25.5	15.5	48.4	15.403	13.3	0.6	0.0	0.6	6.7
20	16.5	24.0	19.5	72.1	14.351	14.4	0.0	0.0	0.0	3.2
21	16.0	25.5	19.9	67.4	15.560	13.5	0.0	0.0	0.0	4.9
22	14.6	25.5	20.0	68.8	15.870	13.7	0.1	9.1	9.2	2.3
23	15.0	24.5	19.5	49.4	15.590	13.6	0.0	0.0	0.0	6.6
24	15.5	26.5	20.8	65.0	15.753	13.8	0.0	0.0	0.0	9.3
25	14.0	27.5	21.0	52.2	13.019	10.8	0.0	0.0	0.0	8.1
26	16.5	26.0	20.2	72.3	14.643	14.7	0.2	0.3	0.5	5.3
27	16.5	24.0	19.2	76.2	14.552	14.6	0.0	9.8	9.8	4.6
28	14.6	23.0	17.9	67.0	14.351	15.3	3.4	0.0	3.4	3.4
29	15.4	24.0	16.8	70.6	15.062	15.1	0.0	0.0	0.0	2.1
30	16.0	24.0	20.1	65.1	15.438	13.5	0.0	0.0	0.0	4.0
31	15.5	26.9	21.1	65.4	16.451	14.4	0.0	0.0	0.0	0.0
PROM.	15.6	25.3	20.0	70.5	16.255	14.2	21.9	28.6	50.5	152.7

ESTACION: JORGE VILLAMIL

MUNICIPIO: GIGANTE

AÑO: 1.980

ALTITUD: 1.560

LATITUD: 2-22 N.

LONGITUD: 75-33 W.

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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	26.0	20.3	76.9	18.460	16.2	1.2	0.0	1.2	5.8
2	14.5	26.5	20.3	62.5	14.700	12.7	0.0	0.0	0.0	5.0
3	15.5	27.0	20.9	65.8	16.053	14.1	0.0	0.0	0.0	5.7
4	16.0	25.5	20.8	78.4	19.224	16.8	2.3	1.3	3.6	3.7
5	16.5	22.0	18.8	69.7	15.367	16.9	2.6	0.0	2.6	0.7
6	16.5	24.0	19.3	61.5	16.344	16.1	0.1	0.1	0.2	4.1
7	16.0	26.0	20.0	73.2	17.055	15.0	0.0	0.0	0.0	7.8
8	17.0	27.0	20.1	78.1	18.426	16.2	0.8	0.0	0.8	7.4
9	17.0	21.5	18.6	68.3	15.019	16.7	4.4	0.0	4.4	0.9
10	15.0	23.5	18.9	76.6	16.711	14.7	0.3	0.0	0.3	4.0
11	15.0	24.5	15.4	70.2	15.556	13.8	0.0	0.0	0.0	2.6
12	16.0	24.8	19.5	82.2	18.568	16.3	0.5	0.0	0.5	5.9
13	17.0	24.9	20.1	69.7	16.250	14.3	0.0	0.0	0.0	3.7
14	16.5	27.9	20.9	61.4	14.914	12.6	0.0	0.0	0.0	2.3
15	17.0	25.0	21.9	61.0	15.642	13.7	0.0	0.3	0.3	4.2
16	16.5	22.0	15.2	86.0	19.611	17.1	2.3	0.0	2.3	0.6
17	16.5	26.5	20.4	64.5	15.368	13.4	0.0	0.0	0.0	5.3
18	16.0	28.0	21.9	65.5	16.744	14.7	0.0	0.0	0.0	6.1
19	17.0	23.0	15.2	51.9	20.251	17.7	12.5	0.0	12.5	0.8
20	16.5	27.5	21.3	63.5	15.573	14.0	0.0	0.0	0.0	7.5
21	16.0	25.5	21.0	70.1	17.056	15.0	0.0	0.8	0.8	1.3
22	16.5	25.0	20.4	73.5	17.292	15.2	0.3	0.0	0.3	2.7
23	17.0	22.0	18.3	87.6	16.451	16.2	0.3	0.0	0.3	2.9
24	16.0	28.5	21.8	58.2	14.753	12.8	0.2	0.0	0.2	7.2
25	16.0	25.0	20.8	65.0	15.651	13.8	0.0	0.0	0.0	4.5
26	16.5	28.5	22.2	61.1	16.165	14.2	0.0	0.0	0.0	4.2
27	18.0	27.5	21.1	73.7	18.531	16.3	1.5	0.0	1.5	6.8
28	17.0	23.0	18.8	78.5	17.429	15.3	0.2	0.0	0.2	2.0
29	15.5	25.5	20.6	73.1	17.443	15.3	0.0	0.0	0.0	5.1
30	17.5	24.0	19.9	85.9	20.131	17.6	0.0	0.0	0.0	0.8
PROM.	16.4	25.4	20.2	73.8	17.326	15.2	29.5	11.5	41.0	121.6

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	16.5	27.0	20.3	71.8	17.227	15.1	7.6	0.5	8.1	3.6
2	16.5	27.0	21.5	68.8	17.743	15.6	1.4	0.0	1.4	4.0
3	15.5	27.6	21.7	59.2	14.749	12.7	0.0	0.0	0.0	7.0
4	17.0	23.0	20.0	80.7	18.571	16.7	3.7	1.7	5.4	1.3
5	15.5	26.0	20.2	78.3	18.241	16.3	0.7	24.5	25.2	4.1
6	16.5	22.0	18.6	92.5	19.737	17.3	11.7	0.0	11.7	0.3
7	16.0	27.0	19.9	75.6	17.432	15.3	1.1	16.1	17.2	7.0
8	15.5	24.0	19.2	86.8	19.152	16.8	2.5	4.6	7.1	1.8
9	16.0	24.2	19.9	85.9	19.663	17.4	11.3	0.0	11.3	3.5
10	16.5	24.5	20.3	73.9	17.361	15.3	0.5	0.0	0.5	3.2
11	15.5	26.5	20.1	71.8	17.218	15.1	9.9	9.9	19.8	6.5
12	16.5	25.0	19.8	78.5	18.323	16.1	5.6	0.0	5.6	3.8
13	16.0	25.0	19.7	77.0	17.428	15.5	0.0	0.0	0.0	2.7
14	17.0	26.5	21.4	63.0	16.068	14.0	0.9	0.0	0.9	4.8
15	16.0	24.5	20.2	71.7	16.730	14.7	6.0	0.0	6.0	2.5
16	17.0	25.5	21.8	63.7	16.609	14.5	6.5	0.0	6.5	5.4
17	16.5	22.0	15.1	53.6	20.555	18.0	14.6	10.6	25.2	0.4
18	16.5	23.5	19.2	79.4	17.408	15.3	0.0	0.0	0.0	0.0
19	17.0	25.5	20.2	80.8	19.157	16.8	0.0	0.0	0.0	0.0
20	16.0	24.0	20.2	66.4	15.773	13.8	0.0	0.0	0.0	2.1
21	15.5	25.9	20.0	64.6	15.264	13.8	0.0	0.0	0.0	2.6
22	15.0	26.3	21.0	64.6	15.837	13.8	0.0	0.0	0.0	0.0
23	16.0	25.0	20.4	71.6	17.251	15.2	0.0	0.0	0.0	4.3
24	17.5	24.0	19.8	72.1	16.666	14.7	0.0	0.0	0.0	2.8
25	17.0	27.5	22.2	60.6	16.252	14.3	0.0	0.0	0.0	3.7
26	16.5	24.5	20.0	79.4	18.635	16.4	0.0	0.0	0.0	6.2
27	17.5	24.0	20.6	70.6	17.252	15.2	0.0	0.0	0.0	1.4
28	18.0	27.0	22.0	63.1	16.431	14.4	0.0	0.0	0.0	5.1
29	18.0	26.5	21.5	65.5	16.682	14.8	0.0	0.0	0.0	4.4
30	16.5	26.9	20.7	64.6	16.036	14.0	0.0	0.0	0.0	3.4
31	16.0	27.4	21.9	68.5	17.652	15.5	0.0	0.0	0.0	6.5
PROM.	16.4	25.3	20.4	73.1	17.438	15.3	78.0	67.9	145.9	105.0

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	17.0	27.5	22.9	62.6	17.346	15.3	0.0	0.0	0.0	5.0
2	16.5	25.0	19.8	79.0	16.369	16.2	0.0	0.0	0.0	3.1
3	16.0	24.0	20.2	78.2	16.468	16.3	0.0	8.5	8.5	4.9
4	16.0	24.0	19.1	85.3	16.704	16.5	0.0	2.5	2.5	2.2
5	15.5	24.0	20.4	85.3	20.353	17.8	0.0	2.4	2.4	4.2
6	15.5	23.0	17.9	90.1	18.661	16.4	0.0	0.0	0.0	3.0
7	15.0	23.0	18.5	90.5	19.198	16.8	0.0	0.0	0.0	5.3
8	15.0	25.0	16.7	83.4	18.076	15.9	0.0	0.0	0.0	6.2
9	12.5	24.5	16.6	75.2	15.545	13.5	0.0	0.0	0.0	8.5
10	14.5	26.5	20.4	73.3	17.336	15.2	0.0	0.0	0.0	9.4
11	15.6	27.8	20.9	72.2	16.070	15.9	0.1	0.0	0.1	7.5
12	17.0	24.5	20.2	70.3	16.606	14.8	0.0	0.2	0.2	1.9
13	16.5	23.0	18.7	75.6	16.421	14.3	1.4	0.8	2.2	1.9
14	16.0	24.5	20.3	70.5	16.621	14.5	0.0	0.0	0.0	3.3
15	16.5	24.5	19.4	76.9	17.323	15.2	0.0	1.0	1.0	3.2
16	15.0	24.5	18.9	89.9	19.602	17.3	0.0	0.0	0.0	3.6
17	15.6	22.0	16.9	85.7	16.611	16.5	0.0	0.0	0.0	1.7
18	15.6	23.0	19.2	80.2	16.061	15.9	0.0	0.0	0.0	2.0
19	16.0	22.0	17.5	86.4	19.752	17.3	10.2	0.0	10.2	2.5
20	16.0	24.0	20.5	73.3	17.765	15.6	1.9	0.1	2.0	4.4
21	16.5	23.0	19.0	84.4	18.657	16.4	11.9	0.0	11.9	1.8
22	16.0	25.6	20.5	66.3	16.388	14.3	0.0	0.0	0.0	4.6
23	17.0	24.0	19.4	83.0	18.756	16.5	0.6	0.0	0.6	2.9
24	15.6	24.0	20.0	81.0	19.151	16.8	1.2	0.0	1.2	6.7
25	16.5	26.8	20.8	76.3	18.311	16.1	1.3	0.0	1.3	2.3
26	17.0	22.0	19.1	86.6	19.325	17.0	2.8	0.0	2.8	1.0
27	17.5	24.5	20.3	79.8	18.758	16.5	0.5	0.0	0.5	0.7
28	17.0	26.8	20.9	66.4	16.351	14.4	0.1	0.0	0.1	4.3
29	16.5	25.8	20.7	72.4	18.023	15.9	9.3	0.0	9.3	3.9
30	17.0	23.6	20.0	84.6	19.617	17.2	0.0	0.0	0.0	2.3
PROM.	16.0	24.5	19.8	78.6	18.166	15.9	42.3	15.5	57.8	114.3

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	17.0	24.5	20.0	81.2	19.163	16.8	4.5	0.0	4.5	4.3
2	16.3	23.0	20.0	25.5	20.011	17.5	3.4	4.9	8.3	2.1
3	17.0	24.0	19.5	81.6	18.219	16.5	28.3	0.0	28.3	4.6
4	16.5	24.0	20.2	70.4	16.650	14.8	0.1	0.0	0.1	6.2
5	15.5	24.8	20.0	78.4	18.251	16.1	0.0	0.0	0.0	7.6
6	15.5	27.9	21.7	69.5	17.671	15.5	0.0	1.7	1.7	4.6
7	17.8	23.5	19.4	83.8	18.635	16.4	2.6	0.0	2.6	1.2
8	17.5	25.3	19.5	79.3	18.282	16.1	1.1	1.0	2.1	2.7
9	14.6	23.5	18.7	82.3	17.809	15.6	1.3	0.0	1.3	4.4
10	15.0	28.5	20.0	71.2	16.548	14.5	0.0	0.0	0.0	6.4
11	15.5	28.5	21.5	62.0	15.668	13.9	0.5	0.0	0.5	5.3
12	16.0	24.8	19.5	80.9	18.244	16.0	1.4	0.0	1.4	2.6
13	16.0	24.0	20.3	71.9	17.210	15.1	1.2	0.0	1.2	7.3
14	15.5	24.4	19.3	81.0	18.623	16.3	1.7	0.0	1.7	3.0
15	15.4	24.4	19.7	83.0	19.067	16.2	0.8	0.0	0.8	5.8
16	16.0	24.0	20.8	63.0	20.314	17.8	0.0	1.4	1.4	4.0
17	16.3	24.0	17.2	96.0	19.233	16.9	4.3	0.0	4.3	0.0
18	15.3	21.0	19.5	89.8	20.273	17.7	0.0	0.9	0.9	4.3
19	16.5	24.0	19.4	86.5	19.432	17.0	2.5	0.0	2.5	1.0
20	16.6	21.5	18.6	90.0	19.057	16.7	9.3	0.0	9.3	0.0
21	15.0	24.5	19.8	78.0	18.300	16.0	0.0	0.0	0.0	8.3
22	17.5	25.5	20.1	71.5	16.655	14.6	0.0	0.0	0.0	5.5
23	15.5	27.9	20.3	72.7	17.246	15.2	0.0	0.0	0.0	1.5
24	15.6	27.6	21.1	66.0	16.680	14.8	0.0	0.0	0.0	6.1
25	16.3	26.2	20.2	71.6	16.565	15.0	0.0	0.0	0.0	2.7
26	16.5	24.0	19.0	90.3	19.662	17.4	0.0	1.9	1.9	1.0
27	15.1	23.6	19.1	87.2	19.201	16.8	0.0	5.2	5.2	4.5
28	15.6	21.5	19.0	85.8	18.703	16.4	0.0	0.2	0.2	1.8
29	15.0	21.0	18.3	89.6	18.607	16.4	0.1	0.0	0.1	1.0
30	15.5	20.0	17.9	92.0	18.516	16.6	0.6	3.3	3.9	0.1
31	16.0	23.5	17.8	88.9	18.065	15.9	0.0	0.0	0.0	0.5
PROM	16.0	24.0	19.6	80.6	18.351	16.1	63.7	37.7	101.4	112.8

ESTACION: JORGE VILLAMIL

MUNICIPIO GIGANTE

AÑO: 1.980

ALTITUD: 1.500

LATITUD: 2-22 N.

LONGITUD: 75-33 W.

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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	16.5	25.7	20.6	15.0	30.5	74.0	17.587	15.4	96.6	15	137.0
FEBRERO	16.6	24.7	20.3	14.5	27.0	80.2	18.866	16.5	61.1	16	134.1
MARZO	17.3	25.3	20.6	16.0	28.3	73.6	17.677	15.5	65.8	18	102.4
ABRIL	16.6	24.8	20.2	14.5	26.4	78.1	18.418	16.2	188.5	23	107.3
MAYO	16.5	25.1	20.5	15.5	27.6	74.5	17.975	15.8	146.7	20	130.5
JUNIO	16.3	24.0	20.0	14.5	28.0	76.2	17.694	15.5	110.4	23	105.1
JULIO	15.4	23.5	19.5	14.5	26.6	74.6	16.739	14.7	59.0	19	125.2
AGOSTO	15.6	25.3	20.0	13.5	28.9	70.5	16.289	14.2	50.5	16	152.7
SEPTIEMBRE	16.4	25.4	20.2	14.5	29.0	73.8	17.326	15.2	41.0	18	121.6
OCTUBRE	16.4	25.3	20.4	15.0	27.6	73.1	17.438	15.3	145.5	14	105.0
NOVIEMBRE	16.0	24.5	19.8	12.5	27.9	78.6	18.166	15.9	57.8	18	114.3
DICIEMBRE	16.0	24.0	19.6	14.6	26.5	80.6	18.351	16.1	101.4	23	112.8
PROMEDIO	16.3	24.6	20.1	14.6	26.2	75.7	17.711	15.5			
TOTAL	1124.7									223	1448.0

ESTACION: OSPINA PEREZ

MUNICIPIO: CONSACA

AÑO: 1.980

ALTITUD: 1.700

LATITUD: 1-16 N.

LONGITUD: 77-28 W.

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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	24.0	19.0	84.9	18.567	16.3	0.1	1.0	1.1	2.1
2	16.0	23.0	16.8	86.2	18.679	16.4	0.8	6.8	7.6	1.2
3	14.5	23.0	16.4	86.4	18.256	16.0	0.5	0.0	0.5	5.4
4	14.5	27.0	20.2	70.5	16.075	14.0	0.0	0.0	0.0	3.5
5	14.5	24.0	18.6	76.9	16.575	14.4	0.0	0.0	0.0	3.6
6	15.0	26.0	20.8	72.4	17.021	14.5	0.0	0.0	0.0	3.9
7	15.0	27.0	20.4	67.2	15.475	13.2	0.0	0.0	0.0	4.4
8	15.5	25.0	19.4	77.1	16.675	14.8	0.0	0.0	0.0	6.8
9	14.5	26.0	19.3	77.6	16.563	14.8	2.2	0.0	2.2	7.1
10	14.0	26.5	19.8	73.7	16.455	14.4	0.3	0.4	0.7	6.5
11	16.0	25.0	19.1	80.6	17.555	15.4	5.9	5.2	11.1	7.0
12	14.0	26.0	19.0	78.5	16.775	14.7	0.0	6.4	6.4	7.7
13	15.5	22.0	17.9	89.7	18.519	16.3	0.1	10.4	10.5	2.1
14	15.0	25.0	18.3	82.0	17.058	15.0	1.0	2.2	3.2	5.9
15	14.6	23.5	17.9	82.5	16.642	14.8	0.0	3.7	3.7	4.5
16	14.6	20.8	17.3	86.7	17.078	15.0	2.1	4.2	6.3	1.0
17	14.0	23.0	18.2	81.2	16.651	14.6	1.0	9.1	10.1	7.2
18	14.5	23.0	18.0	89.0	18.216	16.0	1.4	4.2	5.6	3.5
19	14.4	23.0	17.5	80.0	15.664	13.9	0.6	0.0	0.6	5.7
20	15.0	26.0	19.4	75.5	16.356	14.3	0.0	0.0	0.0	7.5
21	16.0	22.5	16.5	84.4	17.554	15.8	0.0	0.0	0.0	6.0
22	13.5	28.5	20.8	61.7	15.050	12.8	0.0	0.0	0.0	8.9
23	16.0	26.0	19.9	75.2	17.277	15.2	0.0	0.0	0.0	5.5
24	14.5	25.0	19.0	84.3	18.117	15.5	0.0	0.0	0.0	3.5
25	16.0	29.0	21.2	61.1	14.353	12.1	0.0	0.0	0.0	6.3
26	17.5	28.0	21.3	55.6	14.427	12.0	0.0	9.0	9.0	8.8
27	14.0	28.0	20.7	71.2	16.530	14.7	0.0	0.0	0.0	10.0
28	14.5	26.5	19.5	74.5	16.667	14.6	0.0	2.9	2.9	7.9
29	15.0	26.0	20.1	76.6	17.457	15.3	0.0	3.4	3.4	4.5
30	16.0	20.0	17.1	95.2	18.708	16.5	16.2	0.0	16.2	0.0
31	14.0	25.0	19.0	79.0	16.882	14.8	0.0	6.0	6.0	4.2
PROM.	15.0	24.9	19.2	78.0	16.566	14.8	32.2	65.9	98.1	153.0

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	15.5	25.0	19.0	84.6	18.462	16.2	0.0	7.4	7.4	2.8
2	16.0	25.0	19.2	84.5	18.550	16.4	0.8	2.8	3.6	1.0
3	14.6	23.0	18.1	68.0	16.060	15.9	0.0	16.9	16.9	0.0
4	15.6	23.0	18.3	84.4	17.567	15.4	0.0	0.3	0.3	3.5
5	15.0	22.0	17.4	79.0	15.754	13.7	2.5	1.9	4.4	2.1
6	15.0	25.5	19.1	79.0	17.173	15.1	0.0	9.3	9.3	6.5
7	15.0	24.0	18.4	82.1	17.243	15.1	0.3	0.3	0.6	3.7
8	16.0	25.5	19.5	79.5	17.606	15.6	0.0	0.8	0.8	4.8
9	15.5	25.0	18.9	82.2	17.675	15.5	0.0	2.2	2.2	4.0
10	15.5	25.0	19.5	79.4	17.555	15.4	0.0	0.6	0.6	4.4
11	15.0	26.0	20.2	72.7	16.579	14.5	0.0	0.0	0.0	9.2
12	12.0	26.0	19.8	57.2	12.461	9.6	0.0	0.0	0.0	10.2
13	13.0	25.6	19.3	63.8	14.052	11.6	0.0	0.0	0.0	10.0
14	12.5	26.0	20.1	68.1	14.548	12.9	0.0	0.0	0.0	9.1
15	13.5	26.5	19.7	70.2	15.565	13.5	0.0	0.0	0.0	10.0
16	16.5	23.0	18.6	85.1	18.061	15.6	0.1	0.0	0.1	0.2
17	15.0	26.0	21.2	65.2	15.735	13.7	0.0	8.0	8.0	9.0
18	15.5	20.5	17.6	84.9	16.978	14.6	1.8	0.2	2.0	3.9
19	14.4	23.5	18.1	82.0	16.663	14.8	0.0	0.0	0.0	2.8
20	15.4	24.0	18.6	80.1	16.675	14.8	1.3	7.3	8.6	2.1
21	14.0	13.5	17.9	83.7	16.535	14.8	4.5	0.9	5.4	4.4
22	15.5	26.5	19.4	78.5	17.267	15.2	0.0	13.8	13.8	4.4
23	14.5	26.0	19.6	74.2	16.251	14.2	0.0	0.0	0.0	9.5
24	16.5	26.0	19.6	78.6	17.666	15.5	0.7	9.7	10.4	7.6
25	16.0	25.0	18.9	80.6	17.115	15.0	0.1	1.0	1.1	3.2
26	15.6	23.0	18.7	82.6	17.754	15.6	0.9	1.1	2.0	2.0
27	15.6	26.0	20.0	73.7	16.436	14.2	0.0	2.3	2.3	5.3
28	16.0	22.0	17.9	89.6	18.432	16.2	5.3	0.0	5.3	2.5
29	16.0	25.5	19.2	80.2	17.554	15.4	0.0	0.0	0.0	7.4
PROM.	15.0	24.7	19.0	78.4	16.684	14.7	18.3	86.8	105.1	149.5

ESTACION: QSP INA PEREZ

MUNICIPIO: CONSACA

ARO: 1.980

ALTITUD: 1.700

LATITUD: 1-16 N.

LONGITUD: 77-28 W.

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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	26.5	19.5	76.0	16.634	14.5	0.0	0.0	0.0	9.7
2	16.0	26.0	19.0	61.0	17.627	15.5	0.0	0.0	0.0	4.5
3	16.0	26.0	19.1	77.5	16.575	14.9	0.0	0.4	0.4	3.0
4	15.0	26.5	19.0	78.5	17.045	15.0	0.0	3.4	3.4	3.9
5	15.0	26.5	19.1	77.6	16.741	14.6	0.3	21.3	21.6	5.2
6	15.5	26.5	19.6	72.8	16.084	14.0	0.2	0.0	0.2	6.6
7	14.0	25.5	19.5	74.3	16.638	14.6	0.0	0.0	0.0	8.5
8	14.5	27.5	20.3	70.6	16.444	14.4	0.0	0.0	0.0	5.2
9	14.6	28.0	20.4	63.0	14.662	12.6	0.0	0.0	0.0	9.8
10	14.5	24.0	17.9	60.0	16.307	14.2	0.0	0.0	0.0	4.5
11	16.0	26.0	20.0	74.1	16.766	14.6	0.0	0.0	0.0	3.4
12	16.0	27.0	20.0	75.6	17.156	14.9	0.0	0.0	0.0	4.1
13	16.0	27.5	20.2	76.6	17.875	15.7	0.0	0.0	0.0	7.0
14	15.5	24.5	19.4	63.1	16.668	16.4	0.5	0.0	0.5	1.0
15	16.0	27.0	20.1	79.7	16.434	16.2	0.0	0.0	0.0	3.8
16	14.5	23.5	20.2	68.1	16.162	14.0	0.0	0.0	0.0	2.7
17	16.0	25.5	20.5	77.4	18.168	16.0	0.0	0.0	0.0	2.4
18	16.5	24.0	18.8	78.0	16.573	14.9	17.1	0.0	17.1	1.0
19	13.5	27.0	19.8	68.4	15.056	13.0	0.0	4.7	4.7	8.9
20	14.5	27.0	20.0	75.6	17.507	15.4	0.0	0.0	0.0	6.7
21	14.0	28.0	20.0	79.3	16.752	13.7	0.0	0.0	0.0	6.6
22	14.5	26.5	18.8	79.0	16.774	14.7	0.0	0.0	0.0	5.3
23	15.0	27.5	20.3	73.8	16.581	14.5	0.0	0.0	0.0	3.7
24	17.0	26.0	22.1	45.9	12.414	10.2	0.0	0.0	0.0	4.2
25	16.5	26.5	20.4	67.6	15.501	13.8	0.0	0.0	0.0	2.3
26	16.0	28.0	21.9	51.7	12.631	10.4	0.0	0.0	0.0	3.8
27	18.0	29.0	22.9	55.5	14.655	12.8	0.0	0.0	0.0	4.9
28	17.4	29.0	22.5	59.0	15.801	13.8	0.0	0.0	0.0	3.3
29	18.0	28.5	22.6	55.4	14.680	12.6	0.0	0.0	0.0	5.6
30	17.5	25.0	20.9	67.1	16.187	14.0	0.0	0.0	0.0	3.1
31	16.5	30.5	22.1	60.2	15.174	12.9	0.0	0.0	0.0	5.6
PROM.	15.6	26.5	20.2	70.6	16.317	14.2	18.1	29.8	47.9	154.3

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	15.0	29.0	20.7	69.4	16.014	13.9	0.0	9.2	9.2	8.9
2	16.5	27.5	17.7	52.3	16.621	16.5	6.2	4.9	11.1	0.5
3	15.5	26.0	19.9	74.6	16.751	14.6	0.0	25.6	25.6	5.5
4	15.0	24.5	19.2	60.3	17.726	15.6	0.3	0.8	1.1	0.8
5	16.5	26.0	19.9	77.8	17.643	15.5	1.0	1.1	2.1	4.3
6	14.5	26.0	19.6	76.6	17.049	14.9	24.7	10.4	35.1	6.3
7	14.5	24.5	18.7	78.6	16.647	14.6	0.0	0.0	0.0	5.9
8	15.5	26.5	19.8	76.2	17.010	14.9	0.0	0.2	0.2	5.5
9	16.5	26.0	19.4	75.3	16.556	14.3	0.0	2.8	2.8	1.5
10	15.0	24.5	18.6	62.9	17.753	15.6	0.3	2.1	2.4	3.3
11	14.5	26.0	19.8	69.3	15.369	13.3	0.0	0.0	0.0	6.1
12	14.5	28.0	20.4	62.5	14.131	12.0	0.0	0.0	0.0	9.5
13	14.5	29.0	20.1	67.5	15.113	12.6	0.0	0.0	0.0	8.6
14	16.0	22.6	18.2	65.9	18.021	15.6	3.0	1.6	4.6	2.1
15	14.5	26.5	20.4	64.6	14.686	12.6	0.0	0.0	0.0	3.4
16	15.5	26.5	20.6	57.6	13.716	11.5	0.0	0.0	0.0	8.3
17	16.0	23.7	21.7	63.3	15.554	13.8	0.0	1.2	1.2	5.4
18	16.0	23.5	20.2	68.3	16.109	14.1	0.0	0.3	0.3	2.5
19	15.5	22.4	21.4	56.7	12.396	11.0	0.0	0.0	0.0	8.5
20	15.5	26.0	20.6	72.1	16.552	14.9	0.0	0.0	0.0	7.1
21	15.5	26.5	19.8	77.1	17.706	15.5	0.0	0.0	0.0	7.9
22	15.0	26.0	19.6	75.5	16.651	14.8	0.0	0.0	0.0	6.8
23	14.0	26.5	20.7	68.6	16.053	13.5	0.0	0.0	0.0	6.0
24	15.0	24.5	18.8	79.6	17.070	15.0	3.6	1.8	5.4	3.6
25	15.5	26.5	19.5	60.0	17.523	15.7	0.2	5.2	5.4	4.3
26	15.5	26.5	20.9	66.1	16.265	14.2	0.0	0.0	0.0	5.9
27	15.5	26.5	21.9	57.5	14.550	12.4	0.0	0.0	0.0	10.5
28	15.0	28.0	20.3	71.0	16.549	14.3	0.7	2.7	3.4	7.1
29	14.5	25.0	19.4	79.6	17.647	15.5	0.0	2.8	2.8	4.2
30	15.0	25.5	19.7	80.0	16.166	15.9	3.6	17.9	21.5	5.6
PROM.	15.3	26.3	19.5	73.0	16.461	14.3	43.6	90.6	134.2	166.5

ESTACION: OSPINA PEREZ

MUNICIPIO: CONSACA

AÑO: 1.980

ALTITUD: 1.700

LATITUD: 1-16 N.

LONGITUD: 77-28 W.

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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	22.5	18.2	68.5	18.559	16.4	12.6	9.7	22.5	1.9
2	15.0	26.0	19.5	60.8	17.571	15.8	1.0	0.0	1.0	5.1
3	14.0	26.0	19.0	78.4	17.625	15.0	14.5	0.0	14.5	3.9
4	14.5	28.0	20.2	72.4	16.767	14.6	0.0	0.0	0.0	9.0
5	15.0	25.5	19.3	74.0	16.232	14.0	0.6	0.0	0.6	3.6
6	15.5	25.5	19.5	79.4	17.745	15.6	0.1	0.1	0.2	5.5
7	15.5	25.5	19.6	78.8	17.511	15.3	3.0	0.0	3.0	4.0
8	14.5	24.5	19.3	78.4	17.425	15.3	0.0	0.0	0.0	2.8
9	14.0	27.0	20.3	75.5	17.773	15.6	0.0	0.0	0.0	5.4
10	13.5	28.0	20.8	67.1	15.724	13.4	0.8	0.5	1.3	7.5
11	15.5	29.5	21.7	70.2	17.216	14.8	0.0	0.0	0.0	7.9
12	16.0	27.0	19.9	78.0	17.678	15.6	0.3	0.0	0.3	3.3
13	16.5	29.0	19.6	81.9	18.610	16.4	0.0	0.0	0.0	1.0
14	16.0	22.5	18.8	64.8	18.304	16.1	0.0	0.0	0.0	3.4
15	13.0	27.5	19.8	68.6	15.104	13.0	0.0	0.0	0.0	9.6
16	14.5	27.5	20.0	71.6	16.040	13.5	0.0	0.0	0.0	7.1
17	16.0	26.0	20.4	76.4	17.557	15.7	1.6	30.5	32.1	5.4
18	15.0	26.0	19.6	82.4	18.452	16.2	0.0	34.2	34.2	5.1
19	15.5	26.0	20.6	73.2	17.437	15.3	0.0	0.0	0.0	9.0
20	14.0	27.0	20.1	69.1	15.785	13.6	0.0	0.0	0.2	6.1
21	16.0	27.0	20.4	72.3	17.016	14.8	0.0	0.4	0.4	4.3
22	16.5	23.0	19.7	62.2	16.540	16.6	0.0	0.6	0.6	4.3
23	15.0	26.5	19.9	73.2	16.611	14.8	0.0	0.0	0.0	8.2
24	15.5	25.5	19.9	72.6	16.417	14.3	0.0	0.0	0.0	3.4
25	13.5	26.0	20.0	75.2	16.636	14.7	0.0	3.8	3.8	7.0
26	15.6	23.5	19.3	60.6	17.743	15.6	0.2	0.0	0.2	0.2
27	17.0	28.0	22.9	38.6	10.645	7.9	0.0	0.0	0.0	9.2
28	15.0	26.0	20.3	71.5	16.753	14.6	0.0	0.0	0.0	7.5
29	13.6	27.0	19.9	70.9	16.166	14.0	0.0	0.0	0.0	7.6
30	15.5	23.5	18.9	84.8	18.472	16.2	9.6	0.5	10.1	4.2
31	14.0	25.8	19.2	78.7	16.568	14.9	0.3	4.3	4.6	8.8
PROM.	15.0	26.0	19.9	75.2	17.051	14.8	45.0	64.6	129.6	175.7

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	14.6	23.0	19.3	63.6	18.625	16.4	1.4	14.7	16.1	0.4
2	15.5	21.0	17.8	68.6	18.041	15.9	5.1	0.1	8.2	0.6
3	14.5	27.0	20.4	75.0	17.322	15.2	0.0	0.0	0.0	4.2
4	16.0	25.3	20.8	60.5	15.107	12.7	0.0	0.0	0.0	3.0
5	14.5	27.5	20.1	71.9	16.526	14.3	1.6	0.2	1.8	7.2
6	15.0	27.0	20.0	76.0	17.762	15.6	0.7	0.4	1.1	3.7
7	16.0	28.0	20.6	72.1	17.120	14.5	0.0	0.0	0.0	7.3
8	17.6	28.0	20.6	74.1	17.767	15.6	0.0	0.0	0.0	6.5
9	15.5	23.5	18.8	61.1	17.574	15.5	19.2	5.2	24.4	1.6
10	15.5	23.5	18.4	64.5	17.565	15.8	8.5	35.4	43.9	3.0
11	15.0	21.5	18.0	66.4	17.617	15.7	0.5	5.9	6.4	1.0
12	15.5	21.0	18.1	89.3	18.609	16.4	7.4	0.7	8.1	0.9
13	15.5	23.0	19.2	82.4	18.024	15.5	1.5	0.0	1.5	2.7
14	16.0	28.5	22.5	51.6	12.704	10.2	0.0	0.0	0.0	9.7
15	16.5	28.5	22.7	40.6	11.442	5.0	0.0	0.0	0.0	9.7
16	16.5	27.5	21.3	68.4	15.075	12.8	0.0	0.0	0.0	5.8
17	13.5	25.5	19.6	74.5	16.400	14.4	0.0	3.2	3.2	7.4
18	14.5	25.5	20.4	61.1	14.651	12.4	0.5	0.0	0.5	6.4
19	13.5	25.5	18.7	73.9	15.409	13.5	0.0	0.0	0.0	5.9
20	16.0	25.0	20.2	65.1	14.655	12.5	0.0	0.0	0.0	4.5
21	16.0	24.0	21.6	48.6	11.570	5.5	0.0	0.0	0.0	10.0
22	15.5	27.0	21.3	57.5	13.667	11.1	0.0	0.0	0.0	6.7
23	14.5	28.5	20.9	62.3	14.757	12.6	0.0	0.0	0.0	9.6
24	15.0	28.0	20.5	73.2	17.023	14.9	0.0	0.0	0.0	8.2
25	14.0	28.0	19.7	75.3	16.481	14.4	2.2	0.0	2.5	9.6
26	14.5	27.3	19.9	74.8	16.689	14.5	0.0	0.0	0.0	3.4
27	16.0	27.5	21.8	50.0	12.040	5.4	0.0	0.0	0.0	5.4
28	17.5	27.0	22.2	37.2	5.564	6.2	0.0	0.0	0.0	10.6
29	17.5	29.0	23.1	33.0	5.033	6.2	0.0	0.0	0.0	10.4
30	17.0	26.0	20.8	53.0	13.052	10.6	0.0	0.0	0.0	3.9
PROM	15.5	26.1	20.3	67.3	15.462	13.1	51.9	65.8	117.7	169.8

ESTACION: OSPINA PEREZ

MUNICIPIO: CONSACA

AÑO: 1.980

ALTITUD: 1.700

LATITUD: 1-16 N.

LONGITUD: 77-28 W.

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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	26.5	20.8	54.7	13.314	10.8	0.0	0.0	0.0	6.8
2	15.0	27.0	20.5	64.0	14.656	12.7	0.0	0.0	0.0	8.7
3	14.5	29.5	21.2	53.6	12.602	10.1	0.0	0.0	0.0	8.9
4	14.0	28.0	22.3	45.5	11.148	6.5	0.0	0.0	0.0	9.9
5	16.5	28.1	23.1	33.0	5.374	6.0	0.0	0.0	0.0	10.7
6	17.0	28.0	22.4	35.5	5.666	6.5	0.0	0.0	0.0	8.2
7	16.0	27.0	20.7	56.5	13.655	11.5	0.0	0.0	0.0	4.7
8	13.5	28.0	20.5	61.6	13.784	11.6	0.0	0.0	0.0	7.2
9	15.0	25.0	19.6	73.5	16.266	14.2	0.0	14.5	14.5	4.0
10	15.5	24.0	18.0	60.0	16.330	14.7	0.0	0.0	0.0	3.7
11	11.5	26.0	18.0	66.9	13.700	11.4	0.0	0.0	0.0	6.8
12	13.0	27.0	19.9	65.9	14.557	12.4	0.0	0.0	0.0	9.4
13	13.0	26.0	20.2	70.4	16.261	14.2	0.0	0.0	0.0	6.9
14	14.0	25.0	16.7	79.2	16.673	14.8	0.0	0.0	0.0	7.9
15	15.0	27.0	20.3	66.6	15.531	13.5	0.0	0.0	0.5	5.8
16	13.5	24.0	19.0	68.5	14.666	12.8	0.0	0.0	0.0	2.3
17	14.5	27.0	21.3	44.7	10.652	6.0	0.0	0.0	0.0	7.0
18	15.0	28.0	21.3	45.6	11.628	5.1	0.0	0.0	0.0	7.5
19	15.5	26.0	21.0	55.3	13.658	11.7	0.0	0.0	0.0	8.2
20	14.5	25.0	19.6	65.4	14.517	12.8	0.0	0.2	0.2	1.8
21	13.5	25.0	19.2	78.4	17.463	15.3	0.1	0.0	0.1	3.3
22	13.5	24.0	19.3	74.2	16.266	14.2	0.0	0.0	0.0	5.0
23	14.0	24.0	19.4	71.4	15.750	13.8	0.0	0.0	0.0	4.3
24	13.0	28.0	19.5	61.5	13.369	11.0	0.0	0.0	0.0	9.2
25	12.0	27.0	19.4	59.5	13.250	10.7	0.0	0.0	0.0	7.1
26	13.0	29.0	19.8	68.2	14.624	12.5	0.0	0.0	0.0	7.5
27	13.0	25.0	19.0	74.2	15.510	13.8	2.4	0.0	2.4	3.3
28	13.5	26.0	19.4	73.7	15.606	13.7	0.0	0.0	0.0	5.2
29	12.0	28.0	20.0	62.1	14.642	12.7	0.0	0.0	0.0	7.6
30	12.6	20.0	20.7	62.8	13.763	11.3	0.0	0.0	0.0	8.7
31	15.0	26.0	20.1	64.2	14.577	12.5	0.0	0.0	0.0	1.4
PROM.	14.1	26.9	20.2	62.7	14.208	11.9	3.9	15.1	19.0	19.4

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	16.0	27.0	21.8	39.8	10.008	6.9	0.0	0.0	0.0	3.4
2	15.0	29.0	21.5	57.1	13.514	11.8	0.0	0.0	0.0	10.2
3	12.5	30.0	21.1	55.8	12.603	10.1	0.0	0.0	0.0	9.0
4	15.0	28.0	19.9	73.4	16.414	14.2	0.0	26.6	26.6	6.4
5	15.0	27.0	20.3	75.5	17.256	15.1	0.0	0.0	0.0	8.5
6	15.0	24.0	19.2	60.0	17.560	15.4	0.0	7.5	7.5	3.8
7	14.0	23.0	16.2	85.0	17.656	15.5	0.0	0.6	0.6	2.2
8	14.5	22.0	16.1	63.1	16.556	14.9	7.5	6.1	13.6	2.2
9	14.5	22.0	16.4	60.0	16.642	14.8	1.2	0.0	1.2	5.4
10	14.0	28.0	21.8	44.5	10.275	6.8	0.0	0.0	0.0	4.6
11	16.0	26.0	21.3	33.0	8.060	3.9	0.0	0.0	0.0	7.8
12	18.0	26.0	21.7	38.3	9.774	6.6	0.0	0.0	0.0	8.7
13	13.6	25.0	21.2	59.0	14.463	12.2	0.0	0.0	0.0	10.6
14	13.5	25.0	17.9	74.4	15.346	13.4	0.7	0.0	0.7	5.8
15	15.0	28.0	20.8	70.6	16.434	14.2	0.0	0.0	0.0	6.3
16	14.0	25.6	19.1	75.1	16.146	14.1	0.0	0.0	0.0	6.6
17	13.0	27.5	20.7	62.0	14.575	12.5	0.0	0.0	0.0	8.3
18	14.6	25.5	19.7	61.6	13.528	11.6	0.6	0.0	0.6	3.2
19	14.6	23.0	16.7	75.1	15.528	13.9	0.0	0.0	0.0	4.1
20	14.0	26.0	19.6	64.0	13.673	11.6	0.0	0.0	0.0	6.8
21	13.1	28.0	19.1	67.6	14.519	12.4	0.0	0.0	0.0	7.6
22	13.5	26.0	19.3	63.5	13.054	10.4	0.0	0.0	0.0	5.6
23	14.5	28.0	22.4	31.6	6.520	4.7	0.0	0.0	0.0	8.5
24	19.0	28.0	24.8	28.4	8.646	4.8	0.0	0.0	0.0	10.8
25	19.0	30.0	24.5	34.3	10.552	7.9	0.0	0.0	0.0	10.6
26	17.5	29.0	22.5	39.7	10.660	8.1	0.0	0.4	0.4	8.5
27	17.5	27.0	21.8	45.4	11.572	5.1	0.0	0.0	0.0	7.1
28	16.5	27.0	22.5	50.6	12.655	10.3	0.0	0.0	0.0	4.1
29	14.5	27.0	19.5	68.2	14.523	12.6	0.0	0.0	0.0	7.1
30	15.0	27.0	20.2	55.6	12.328	9.6	0.0	0.0	0.0	5.5
31	14.6	26.0	20.9	63.2	14.610	12.6	0.0	0.0	0.0	7.4
PROM.	15.0	26.8	20.6	59.2	13.552	11.0	10.1	41.2	51.3	207.1

ESTACION: OSPINA PEREZ
 ALTITUD: 1.700

MUNICIPIO: CONSACA
 LATITUD: 1-16 N.

AÑO: 1.980
 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	13.5	26.0	19.8	68.4	15.659	13.0	0.0	0.0	0.0	5.2
2	15.5	28.5	20.1	64.5	14.652	12.4	0.0	0.0	0.0	7.1
3	13.5	29.5	19.6	67.5	14.712	12.6	0.0	0.0	0.0	10.4
4	14.5	27.5	20.0	68.5	15.372	13.4	0.0	0.0	0.0	6.4
5	14.5	25.5	19.4	69.1	15.044	13.0	0.0	0.0	0.0	2.9
6	16.2	28.4	24.2	34.6	5.575	6.9	0.0	0.0	0.0	8.8
7	15.5	24.0	19.6	71.2	15.755	13.7	0.0	0.0	0.0	2.5
8	16.0	27.0	19.9	60.7	13.562	11.2	0.0	0.0	0.0	4.4
9	15.5	26.0	20.2	62.0	14.355	12.4	0.0	0.0	0.0	3.5
10	15.5	26.5	21.3	38.8	9.195	5.6	0.0	0.0	0.0	8.5
11	17.0	27.0	21.6	42.9	10.764	7.9	0.0	0.0	0.0	7.2
12	16.0	27.0	21.3	45.6	10.762	7.8	0.0	0.0	0.0	7.7
13	15.0	28.5	23.0	41.4	10.552	7.7	0.0	0.0	0.0	5.8
14	14.0	27.5	20.6	61.6	15.155	12.9	0.0	0.0	0.0	4.5
15	13.5	28.0	18.6	71.2	14.675	12.5	3.1	0.0	3.1	8.2
16	16.0	25.0	20.8	65.6	15.410	13.3	0.0	0.0	0.0	3.7
17	14.5	25.5	20.9	58.3	13.658	11.4	0.0	0.0	0.0	6.9
18	14.5	26.5	18.7	70.4	15.020	12.5	9.3	15.0	24.3	3.9
19	16.0	22.0	17.9	66.5	17.515	15.7	4.3	9.0	13.3	2.1
20	16.0	24.0	19.6	76.5	17.375	15.3	0.0	0.4	0.4	6.3
21	14.5	23.0	19.8	66.3	14.517	12.9	0.0	0.1	0.1	6.1
22	16.0	25.5	19.3	73.3	16.171	14.1	0.0	0.0	0.0	3.0
23	16.0	27.5	19.9	69.6	14.558	12.2	0.0	0.0	0.0	4.4
24	14.5	27.0	19.5	70.6	15.404	13.3	0.0	0.0	0.0	7.1
25	15.0	26.0	20.6	48.5	11.680	8.6	0.0	0.0	0.0	7.1
26	14.5	24.5	19.0	73.4	15.614	13.7	0.0	0.0	0.0	5.5
27	15.5	23.5	18.7	69.5	15.428	13.2	0.0	12.9	12.9	7.6
28	15.5	25.0	18.7	76.6	16.266	14.2	0.1	0.0	0.1	1.5
29	15.0	26.0	19.3	73.0	16.010	14.0	0.0	2.8	2.8	7.3
30	15.5	24.3	19.2	75.5	16.542	14.5	0.0	8.2	8.2	1.7
PROM.	15.2	26.6	20.1	64.1	14.404	12.1	16.8	48.4	65.2	175.6

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	15.0	24.0	18.8	79.1	16.664	14.8	0.0	0.7	0.7	2.7
2	15.6	23.3	18.6	80.1	16.554	14.5	0.0	0.0	0.0	2.4
3	13.5	27.0	18.9	75.0	15.607	13.5	0.0	0.0	0.0	9.3
4	16.5	25.0	18.2	69.6	15.546	16.6	13.3	19.9	33.2	4.7
5	15.0	22.5	18.4	76.6	15.575	13.9	1.0	12.0	13.0	4.1
6	15.0	23.5	17.6	84.7	16.525	14.8	1.5	0.7	2.2	0.3
7	15.5	24.0	18.7	75.8	16.063	14.1	0.9	22.8	23.7	3.4
8	14.5	23.5	18.3	78.0	16.159	14.1	0.2	3.4	3.6	2.9
9	14.6	25.0	19.1	74.8	16.426	14.3	0.6	6.2	6.8	2.1
10	15.0	22.0	17.5	78.5	15.809	13.5	5.3	0.0	5.3	1.2
11	16.0	26.5	19.8	74.3	16.665	14.7	0.0	40.0	40.0	6.8
12	15.0	23.5	19.2	78.2	17.151	15.1	0.0	0.0	0.0	3.3
13	14.0	24.0	19.3	76.4	16.753	14.7	0.0	0.0	0.0	4.9
14	15.0	26.0	19.6	70.2	15.762	13.6	0.0	0.0	0.0	3.7
15	15.0	24.0	18.1	77.7	16.004	14.0	0.0	0.0	0.0	2.9
16	15.0	24.0	18.5	77.5	16.173	14.1	0.3	0.5	0.8	5.4
17	15.0	22.0	17.8	81.0	16.535	14.5	0.7	21.9	22.6	2.0
18	15.5	24.0	17.0	88.6	17.066	15.0	4.4	0.0	4.4	0.0
19	15.5	23.5	18.9	76.0	16.662	14.8	0.5	0.0	0.5	5.4
20	16.0	24.0	19.3	75.5	16.436	14.4	0.7	0.0	0.7	4.5
21	15.0	25.0	19.5	75.2	16.750	14.7	0.0	0.0	0.0	4.4
22	14.0	25.5	19.4	72.4	15.616	13.5	0.0	0.0	0.0	5.7
23	15.0	25.5	19.2	77.5	17.152	15.1	0.0	0.0	0.0	3.1
24	16.5	24.5	19.2	79.5	17.560	15.5	0.0	0.0	0.0	2.2
25	14.5	26.0	18.6	76.4	16.122	14.1	0.9	18.7	19.6	5.8
26	14.5	23.5	19.0	81.8	17.501	15.7	0.0	9.7	9.7	3.2
27	16.0	23.0	18.1	82.6	18.015	15.8	0.0	1.5	1.5	1.8
28	16.0	25.0	20.1	78.6	18.144	16.0	0.0	0.5	0.5	1.5
29	16.0	25.0	18.3	78.1	16.621	14.6	24.8	0.0	24.8	0.8
30	14.5	26.5	19.1	73.5	16.046	13.9	0.0	0.0	0.0	1.1
31	14.0	26.5	19.6	70.0	15.455	13.4	0.0	0.0	0.0	9.5
PROM.	15.1	24.3	18.8	77.5	16.671	14.6	55.1	158.5	213.6	111.1

ESTACION: OSPINA PEREZ

MUNICIPIO: CONSACA

AÑO: 1.980

ALTITUD: 1.700

LATITUD: 1-16 N.

LONGITUD: 77-28 W.

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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	25.1	20.0	74.5	16.542	14.9	0.0	34.0	34.0	9.2
2	16.6	22.0	16.3	66.0	18.328	16.1	1.4	0.0	1.4	6.4
3	13.5	26.0	18.6	76.0	15.550	13.8	0.0	0.0	0.0	5.5
4	16.0	25.0	19.1	81.5	17.550	15.8	0.0	1.7	1.7	4.0
5	15.6	22.5	17.9	83.5	17.600	14.5	0.8	7.2	8.0	0.1
6	15.0	22.5	18.2	79.0	16.354	14.3	0.0	0.0	0.0	5.8
7	12.5	25.5	18.6	65.0	13.362	11.2	0.0	0.0	0.0	9.8
8	12.0	25.3	18.3	65.6	13.030	10.8	0.0	0.0	0.0	9.8
9	11.0	25.0	18.2	67.5	13.253	10.9	0.0	0.0	0.0	7.2
10	11.5	27.0	19.2	59.5	12.457	10.0	0.0	0.0	0.0	8.5
11	13.0	26.0	18.8	74.6	15.555	13.5	0.0	0.4	0.4	5.2
12	16.0	24.5	19.1	76.7	16.762	14.7	0.0	0.7	0.7	7.4
13	15.3	24.5	18.6	74.8	15.655	13.5	0.2	1.5	1.7	5.5
14	15.5	23.0	18.0	79.5	16.268	14.2	2.0	0.3	2.3	1.8
15	14.5	22.8	18.1	83.1	17.157	15.1	3.1	1.1	4.2	1.7
16	14.6	24.3	18.6	78.6	16.649	14.6	0.6	0.1	0.7	0.0
17	14.6	25.2	19.1	76.4	16.621	14.6	0.0	3.1	3.1	6.6
18	15.2	24.0	18.9	78.3	16.566	14.9	0.0	0.0	0.0	3.0
19	14.2	24.0	18.7	77.7	16.461	14.5	0.0	9.3	9.3	6.9
20	14.2	23.0	18.3	82.4	17.279	15.2	0.3	1.7	2.0	3.5
21	16.2	22.5	18.3	82.1	15.543	17.1	17.4	1.5	18.9	2.3
22	15.5	22.2	18.5	84.1	17.651	15.7	1.5	11.7	13.2	1.5
23	15.0	20.0	18.2	86.0	15.118	15.5	6.4	0.5	6.9	1.5
24	15.0	24.0	18.3	80.2	16.515	14.8	2.6	7.1	9.7	5.4
25	14.0	25.0	19.1	74.8	16.226	14.1	0.0	0.0	0.0	8.6
26	14.0	25.0	19.0	71.4	15.401	13.2	0.5	3.7	4.3	8.3
27	16.0	23.0	18.6	87.4	18.744	16.5	0.5	0.5	1.0	2.3
28	14.6	23.5	18.1	76.5	16.705	14.6	0.0	1.9	1.9	5.7
29	15.5	22.5	18.3	84.0	17.535	15.4	1.1	0.5	1.6	1.3
30	13.5	22.6	18.2	82.0	16.534	14.5	0.5	6.5	7.0	2.1
PROM.	14.5	24.1	18.6	78.0	16.466	14.3	39.4	95.3	134.7	152.5

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	15.5	25.5	18.8	82.1	17.712	15.6	0.0	0.0	0.0	4.5
2	16.0	25.5	19.8	77.2	17.476	15.3	0.0	0.0	0.0	9.0
3	14.5	25.5	19.0	77.4	16.558	14.8	0.0	0.7	0.7	8.2
4	15.6	25.5	19.2	76.5	16.510	14.5	0.0	9.8	9.8	6.9
5	15.5	24.5	19.2	75.5	16.602	14.6	0.0	0.0	0.0	6.9
6	14.5	26.0	19.1	74.7	16.155	14.1	0.0	0.0	0.0	5.5
7	14.5	25.2	19.0	78.6	17.068	15.0	0.0	0.0	0.0	4.0
8	14.0	22.0	17.7	86.0	17.423	15.2	2.0	0.0	2.0	3.2
9	15.3	25.3	18.5	81.8	17.682	15.7	1.4	0.1	1.5	5.9
10	16.0	24.0	18.8	80.7	17.389	15.3	0.3	0.0	0.3	2.2
11	13.6	28.0	19.8	67.4	14.622	12.5	0.0	0.0	0.0	5.2
12	14.5	24.0	18.7	76.6	16.121	14.1	1.0	41.7	42.7	5.0
13	15.5	22.5	18.6	82.6	17.814	15.7	5.3	3.5	8.8	3.3
14	14.5	24.3	18.7	77.6	16.438	14.4	0.2	21.3	21.5	7.0
15	16.0	24.0	19.0	77.0	16.672	14.6	0.0	0.0	0.0	5.8
16	16.6	26.0	18.8	74.7	16.649	14.7	0.0	0.0	0.0	5.7
17	14.4	17.3	16.1	88.6	16.506	14.5	10.6	0.0	10.6	0.1
18	12.6	25.5	18.4	71.6	14.620	12.7	0.0	12.9	12.9	6.6
19	15.0	24.0	18.8	84.8	18.406	16.2	0.0	1.9	1.9	6.1
20	15.0	24.0	18.2	83.6	17.469	15.4	0.4	6.2	6.6	3.7
21	15.5	25.5	18.9	77.9	16.565	15.0	0.0	12.6	12.6	6.4
22	16.0	23.5	19.0	79.2	17.236	15.2	0.0	0.0	0.0	5.7
23	13.5	25.0	18.5	69.6	15.044	12.9	22.3	1.4	23.7	6.0
24	15.0	26.0	19.5	74.0	16.555	14.3	0.3	1.0	1.3	6.0
25	14.6	24.5	17.7	88.8	17.549	15.7	0.7	14.0	14.7	5.2
26	13.0	24.0	17.9	75.6	15.220	13.2	0.0	11.9	11.9	6.0
27	14.5	24.5	18.6	76.0	15.546	13.5	0.0	2.3	2.3	4.8
28	15.0	18.0	16.0	90.4	16.552	14.6	16.5	0.5	19.0	0.2
29	13.0	25.0	18.0	72.7	14.516	12.4	0.0	0.0	0.0	5.5
30	15.6	24.0	18.5	77.4	16.555	14.5	0.0	3.2	3.2	4.3
31	14.5	24.0	18.6	79.3	16.623	14.7	0.3	2.8	3.1	2.4
PROM.	14.9	24.3	18.6	78.6	16.665	14.6	63.3	147.8	211.1	172.5

ESTACION: QSPINA PEREZ

MUNICIPIO CONSACA

AÑO: 1.980

ALTITUD: 1.700

LATITUD: 1-16 N.

LONGITUD: 77-28 W.

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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 llovias	
ENERO	15.0	24.9	19.2	13.5	29.0	76.0	16.966	14.8	98.1	18	153.0
FEBRERO	15.0	24.7	19.0	12.0	28.0	78.4	16.884	14.7	105.1	21	149.5
MARZO	15.6	26.5	20.2	13.5	30.5	70.8	16.317	14.2	47.5	7	154.3
ABRIL	15.3	26.3	19.9	14.0	29.5	73.0	16.481	14.3	134.2	17	166.5
MAYO	15.0	26.0	19.9	13.0	29.5	75.2	17.051	14.8	125.6	17	175.7
JUNIO	15.5	26.1	20.3	13.5	29.0	67.3	15.462	13.1	117.7	12	169.8
JULIO	14.1	26.9	20.2	11.5	30.0	62.7	14.208	11.9	19.0	6	199.4
AGOSTO	15.0	26.8	20.6	12.5	30.5	59.2	13.522	11.0	51.3	8	207.1
SEPTIEMBRE	15.2	26.6	20.1	13.5	29.5	64.1	14.404	12.1	65.2	9	175.6
OCTUBRE	15.1	24.3	18.8	13.5	27.0	77.9	16.671	14.6	213.6	19	111.1
NOVIEMBRE	14.5	24.1	18.6	11.0	27.0	78.0	16.466	14.3	134.7	22	152.5
DICIEMBRE	14.9	24.3	18.6	12.6	28.0	78.6	16.665	14.6	211.1	21	172.5
PROMEDIO	15.0	25.6	19.6	12.8	29.0	71.9	15.930	13.7			
TOTAL									1327.5	177	1987.0

ESTACION: FRANCISCO ROMERO
 ALTITUD: 1.000

MUNICIPIO: SALAZAR
 LATITUD: 7-46 N.

AÑO: 1.980
 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	15.5	27.5	21.0	83.0	20.442	17.6	0.0	0.0	0.0	0.0
2	15.5	27.0	21.1	84.6	20.579	16.2	0.0	0.0	0.0	0.0
3	15.5	28.6	22.3	80.0	20.761	17.9	0.0	0.0	0.0	0.0
4	15.0	28.8	21.4	82.4	20.547	17.9	0.0	0.0	0.0	0.0
5	16.0	28.5	22.5	81.2	21.418	16.5	0.0	0.0	0.0	0.0
6	16.5	29.0	22.0	80.0	20.668	17.9	0.0	0.0	0.0	0.0
7	16.3	28.0	21.7	84.8	21.763	16.8	0.0	0.0	0.0	0.0
8	15.6	28.8	20.6	86.3	21.367	16.5	0.0	0.0	0.0	0.0
9	16.5	28.6	21.7	80.6	20.427	17.8	0.0	0.0	0.0	0.0
10	15.0	28.5	22.0	80.5	20.427	17.6	0.0	0.0	0.0	0.0
11	17.6	26.8	21.0	85.7	21.226	16.4	0.0	0.0	0.0	0.0
12	16.5	28.0	22.1	83.7	21.653	16.7	0.0	22.1	22.1	0.0
13	17.6	22.0	18.8	94.2	20.522	17.9	2.2	0.0	2.2	0.0
14	16.0	27.0	21.8	85.2	21.655	16.7	0.0	0.0	0.0	0.0
15	15.9	27.8	21.0	84.5	20.759	18.0	0.0	0.0	0.0	0.0
16	17.0	26.3	21.9	85.5	22.521	19.4	0.0	29.3	29.3	0.0
17	15.6	28.5	21.7	86.6	22.146	19.0	0.0	3.0	3.0	0.0
18	16.0	25.6	21.3	88.4	22.356	19.3	1.0	0.1	1.1	0.0
19	17.5	26.0	21.2	86.4	21.666	16.9	0.0	0.0	0.0	0.0
20	17.0	27.3	20.6	92.5	22.354	19.3	0.0	0.0	0.0	0.0
21	18.0	24.0	20.5	94.7	22.951	19.7	0.0	0.0	0.0	0.0
22	17.6	26.6	22.1	88.0	22.532	19.3	0.0	0.0	0.0	0.0
23	16.5	28.6	22.8	79.5	21.660	16.8	0.0	0.0	0.0	0.0
24	17.0	27.0	21.9	85.3	22.566	19.4	0.0	0.0	0.0	0.0
25	16.0	30.8	22.6	77.7	20.577	17.9	0.0	0.0	0.0	0.0
26	14.0	29.0	20.8	76.7	18.473	16.2	0.0	0.0	0.0	0.0
27	14.0	29.0	21.6	77.6	19.440	16.9	0.0	0.0	0.0	0.0
28	15.0	29.0	22.3	79.5	20.549	18.2	0.0	0.0	0.0	0.0
29	16.5	29.5	23.4	82.5	23.323	19.9	0.0	0.0	0.0	0.0
30	16.0	29.5	22.5	77.8	20.711	17.9	0.5	103.3	103.8	0.0
31	17.0	24.0	20.7	85.0	20.631	17.9	14.6	3.6	18.2	0.0
PROM.	16.2	27.5	21.6	83.6	21.228	18.4	18.3	161.4	179.7	

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	22.5	19.6	91.9	21.140	18.4	7.1	1.7	8.8	0.0
2	17.6	21.0	18.8	93.2	20.272	17.7	1.0	4.1	5.1	0.0
3	16.4	22.0	19.5	89.7	20.369	17.8	6.9	13.9	20.8	0.0
4	16.6	22.4	19.4	97.6	22.002	19.0	3.1	6.9	10.0	0.0
5	16.0	22.0	16.9	97.0	20.639	18.1	0.5	0.0	0.5	0.0
6	16.0	27.0	20.7	84.6	20.445	17.8	5.5	0.0	5.5	0.0
7	15.5	26.0	21.6	87.3	22.130	19.0	0.0	4.5	4.5	0.0
8	15.5	25.0	20.6	88.3	21.363	18.5	12.0	0.0	12.0	0.0
9	15.0	25.0	20.3	88.6	20.572	16.2	0.0	0.0	0.0	0.0
10	16.5	28.0	22.3	83.7	22.039	19.0	0.0	0.0	0.0	0.0
11	15.0	28.0	22.3	74.8	19.156	16.5	0.0	0.0	0.0	0.0
12	15.0	29.0	22.1	81.3	21.351	16.5	0.0	0.0	0.0	0.0
13	15.0	28.0	22.2	84.1	22.113	19.0	0.0	0.0	0.0	0.0
14	14.0	28.0	22.0	82.6	21.122	18.3	0.0	0.0	0.0	0.0
15	14.0	29.0	21.7	78.4	19.576	17.0	0.0	1.2	1.2	0.0
16	18.0	26.8	22.4	83.2	22.328	19.2	0.3	0.0	0.3	0.0
17	17.0	26.0	22.0	78.3	20.121	17.4	23.1	10.4	33.5	0.0
18	17.5	26.5	22.2	84.5	22.516	19.6	8.0	25.1	33.1	0.0
19	17.5	29.0	22.6	82.6	22.405	19.3	0.9	20.6	21.5	0.0
20	16.5	29.0	22.1	84.4	23.293	19.8	0.2	0.0	0.2	0.0
21	17.5	27.5	22.6	83.4	22.611	19.4	0.0	0.1	0.1	0.0
22	16.0	27.5	22.1	82.0	21.369	18.5	0.2	0.7	0.9	0.0
23	17.0	27.0	21.3	82.7	20.659	17.9	0.3	3.6	3.9	0.0
24	16.0	24.5	20.5	88.4	21.326	16.5	0.0	0.0	0.0	0.0
25	16.0	28.0	21.9	82.6	21.281	16.4	0.0	0.0	0.0	0.0
26	14.5	28.5	21.5	79.6	19.672	17.1	0.0	0.0	0.0	0.0
27	14.5	27.0	21.0	83.0	19.565	17.3	0.0	0.0	0.0	0.0
28	14.5	27.0	21.4	81.3	20.251	17.6	0.0	0.0	0.0	0.0
29	17.5	27.5	21.9	82.0	21.026	18.2	0.0	5.8	5.8	0.0
PROM.	16.1	26.6	21.3	84.9	21.176	18.3	65.1	98.6	167.7	

ESTACION: FRANCISCO ROMERO

MUNICIPIO: SALAZAR

AÑO: 1.980

ALTITUD: 1.0CC

LATITUD: 7-46 N.

LONGITUD: 72-48 W.

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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	18.0	26.5	22.0	87.3	22.908	15.7	0.4	0.2	0.6	0.0
2	17.0	27.5	22.1	83.0	21.601	16.6	0.0	0.0	0.0	1.6
3	15.5	25.0	23.3	79.5	22.146	19.1	0.0	45.2	45.2	1.3
4	16.0	26.0	20.5	85.0	20.325	17.7	0.7	0.1	0.8	1.3
5	16.5	27.0	21.7	83.5	21.339	18.5	0.3	10.1	10.4	3.5
6	15.5	27.5	22.0	81.5	20.641	18.1	0.0	0.0	0.0	3.5
7	16.5	25.0	20.6	89.4	21.559	18.7	0.0	12.8	12.8	1.2
8	17.5	25.0	21.2	87.5	22.327	15.3	0.0	17.9	17.9	0.5
9	17.0	25.0	22.2	84.0	21.561	18.5	0.8	1.0	1.8	2.2
10	17.5	25.0	22.0	89.4	22.518	15.4	0.0	0.0	0.0	0.2
11	16.5	27.0	21.7	87.4	21.654	18.7	0.0	0.0	0.0	0.4
12	16.0	27.0	21.8	82.0	21.117	18.4	0.0	0.0	0.0	0.5
13	17.0	28.0	23.0	82.0	22.323	15.6	0.0	0.0	0.0	
14	17.0	28.0	23.0	85.8	23.366	20.4	0.0	0.0	0.0	
15	17.0	28.0	22.7	84.0	22.339	19.5	0.0	0.0	0.0	
16	17.5	28.0	22.1	84.8	21.320	18.4	0.4	0.1	0.5	
17	17.5	28.0	20.3	92.2	22.163	19.1	1.3	1.5	2.8	
18	18.0	29.5	20.8	90.2	22.233	19.2	4.7	0.0	4.7	
19	18.5	29.0	21.4	87.0	22.065	19.1	0.2	0.0	0.2	
20	15.6	27.0	21.6	82.3	20.683	17.5	0.0	0.0	0.0	
21	15.2	29.5	22.7	72.4	19.099	16.6	0.0	0.0	0.0	
22	18.0	29.0	23.5	83.5	23.739	20.2	0.0	0.0	0.0	
23	18.5	26.0	22.3	85.2	22.779	19.5	0.0	0.0	0.0	
24	16.5	26.3	21.5	85.4	21.757	18.8	0.0	0.0	0.0	
25	17.5	27.3	21.4	87.2	22.100	19.1	0.0	0.0	0.0	
26	18.0	30.5	23.5	78.5	22.309	16.2	0.0	0.0	0.0	
27	17.0	31.0	23.5	77.1	21.704	18.8	0.0	0.0	0.0	
28	18.0	32.0	24.1	74.1	21.432	18.4	0.0	0.0	0.0	
29	19.5	31.5	24.1	79.0	23.405	20.0	0.0	2.4	2.4	
30	19.0	28.0	22.1	80.5	21.412	18.6	1.6	0.0	1.6	
31	18.6	30.7	22.9	76.6	20.634	18.1	0.0	0.0	0.0	
PROM.	17.1	27.5	22.1	83.5	21.504	18.9	10.4	91.3	101.7	

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	31.5	23.5	75.0	20.731	18.0	0.0	0.0	0.0	
2	15.5	31.0	22.5	72.1	18.564	16.6	0.0	0.0	0.0	
3	13.6	21.0	24.3	67.6	19.150	16.7	0.0	0.0	0.0	
4	16.4	30.3	23.7	72.1	19.635	17.2	0.0	4.5	4.5	
5	17.0	27.7	21.5	82.3	20.756	18.0	0.0	0.0	0.0	
6	18.5	26.5	22.2	86.7	22.542	15.6	0.2	10.2	10.4	
7	18.5	24.0	20.7	91.0	22.458	19.3	2.0	0.0	2.0	
8	17.5	25.0	20.4	94.7	22.681	19.6	5.0	0.0	5.0	
9	17.0	28.0	21.7	83.3	21.232	18.4	7.1	12.6	19.7	
10	17.5	27.5	22.1	83.3	21.850	18.9	0.0	7.2	7.2	
11	16.0	28.2	22.7	82.7	22.666	19.5	0.0	0.0	0.0	
12	17.5	28.5	22.5	83.8	22.645	19.4	0.0	0.0	0.0	
13	18.5	27.0	22.1	81.8	23.243	19.9	0.0	0.0	0.0	
14	16.5	31.2	23.9	78.9	22.561	16.3	0.0	2.4	2.4	
15	19.0	27.0	21.8	84.2	22.186	19.1	3.7	0.0	3.7	
16	17.0	28.5	22.6	80.8	22.053	19.0	0.3	0.4	0.7	
17	17.0	27.3	20.5	88.8	22.045	19.1	1.8	0.0	1.8	
18	17.0	27.8	22.4	85.5	23.275	19.9	0.0	0.0	0.0	
19	18.0	28.8	22.9	84.7	23.626	20.3	0.0	0.0	0.0	
20	18.5	27.3	22.4	82.0	22.182	19.1	0.5	0.0	0.5	
21	17.0	31.8	23.8	74.7	21.427	18.5	0.0	0.0	0.0	
22	17.8	29.8	23.8	85.8	25.349	21.3	4.0	31.1	35.1	
23	18.6	28.3	22.3	88.5	23.900	20.3	6.6	1.7	8.3	
24	19.0	25.2	21.7	90.6	23.505	20.3	2.8	0.0	2.8	
25	17.0	28.8	22.4	87.6	23.421	20.0	0.2	0.0	0.2	
26	17.6	30.8	22.8	81.4	22.650	19.6	0.0	0.0	0.0	
27	17.0	31.2	24.5	79.1	23.603	20.1	0.0	0.0	0.0	
28	18.4	32.3	25.1	78.1	24.159	20.4	0.0	0.0	0.0	
29	18.5	25.8	21.9	88.6	23.723	20.2	0.0	0.0	0.0	
30	17.0	31.5	24.0	80.6	23.442	20.0	0.0	0.0	0.0	
PROM.	17.4	28.7	22.7	82.6	22.446	19.3	34.2	70.1	104.3	

ESTACION: FRANCISCO ROMERO

MUNICIPIO: SALAZAR

AÑO: 1.980

ALTITUD: 1.000

LATITUD: 7-46 N.

LONGITUD: 72-48 W.

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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	17.6	31.9	23.7	77.1	22.274	19.2	0.0	0.0	0.0	
2	18.5	30.6	24.6	81.4	25.034	21.1	0.0	0.0	0.0	
3	18.0	26.4	22.8	65.6	23.553	20.1	0.0	0.0	0.0	
4	16.6	32.5	24.7	73.4	22.109	19.1	0.0	0.0	0.0	
5	18.0	31.8	24.1	77.6	22.522	19.7	0.0	0.0	0.2	
6	18.5	27.3	21.4	53.5	24.332	20.6	13.3	0.0	13.3	
7	18.5	29.8	24.0	79.7	23.466	20.0	0.0	0.0	0.0	
8	19.0	30.7	23.7	78.7	22.654	19.5	0.4	0.0	0.4	
9	18.6	31.3	23.4	77.1	22.055	19.0	0.1	0.0	0.1	
10	17.6	30.8	23.5	75.0	20.650	18.1	0.0	0.0	0.0	
11	17.8	33.0	23.6	72.1	20.122	17.5	0.0	0.0	0.0	
12	17.5	29.8	24.1	74.1	21.562	19.0	0.0	0.0	0.0	
13	18.6	28.8	22.4	79.0	21.310	18.4	0.0	0.0	0.0	
14	16.5	26.5	21.8	82.7	21.367	18.5	0.0	0.0	0.0	
15	18.5	29.6	23.7	71.2	21.058	18.3	0.0	0.0	0.0	
16	17.5	33.5	24.2	73.0	21.635	18.7	0.0	0.0	0.0	
17	17.5	32.5	25.1	71.7	22.174	18.9	0.0	0.0	0.0	
18	18.5	32.3	23.8	74.1	21.163	18.3	0.0	0.0	0.0	
19	18.0	32.4	24.7	67.3	19.560	17.4	0.0	0.0	0.0	
20	18.0	32.8	24.0	71.4	21.108	18.3	0.0	0.0	0.0	
21	17.6	32.8	23.8	77.6	22.527	19.4	0.0	0.0	0.0	
22	19.6	26.6	21.7	89.7	23.551	20.1	0.0	0.0	0.0	
23	18.0	30.8	23.2	75.5	21.090	18.3	0.0	0.0	0.0	
24	18.5	31.8	23.6	76.0	21.516	18.9	0.0	0.0	0.0	
25	17.5	30.8	23.4	78.7	21.762	18.6	0.3	2.6	2.9	
26	18.0	31.5	23.7	79.0	22.756	19.4	1.2	2.1	3.3	
27	19.0	28.8	23.7	81.1	23.143	19.7	0.0	0.0	0.0	
28	19.0	32.3	24.3	73.3	21.731	18.8	0.0	0.0	0.0	
29	18.0	32.5	23.6	78.9	22.749	19.5	6.2	0.0	6.2	
30	18.0	31.3	23.5	79.3	22.678	19.6	0.0	0.0	0.0	
31	18.6	32.2	24.9	72.8	22.066	19.0	0.0	0.2	0.2	
PROM.	18.1	30.6	23.6	77.4	22.174	19.1	22.1	5.1	27.2	

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	17.6	29.6	23.7	75.4	21.472	18.5	0.1	0.2	0.3	
2	19.0	28.6	24.3	75.8	22.360	19.3	0.0	0.0	0.0	
3	17.6	32.6	25.0	71.8	21.642	18.7	0.0	0.0	0.0	
4	18.0	32.6	25.5	69.6	21.632	18.8	0.0	0.4	0.4	
5	18.6	31.5	24.8	75.2	23.068	19.6	0.0	0.0	0.0	
6	18.6	29.9	21.9	69.4	23.666	20.2	0.8	0.0	0.8	
7	17.0	29.9	23.5	77.3	22.168	19.1	0.2	0.0	0.2	
8	18.6	29.9	23.6	72.8	21.230	18.4	0.0	0.0	0.0	
9	18.5	31.6	24.1	72.2	21.674	18.8	0.0	0.3	0.3	
10	19.0	28.6	23.3	75.2	21.201	18.3	0.0	0.0	0.0	
11	18.5	32.5	23.8	73.3	21.344	18.5	0.0	0.0	0.0	
12	18.0	30.8	21.7	89.1	23.577	20.3	0.6	0.0	0.6	
13	17.6	33.8	23.7	65.8	18.609	16.5	0.0	0.0	0.0	
14	17.0	33.0	22.8	72.7	19.666	17.2	0.0	0.0	0.0	
15	17.5	32.8	23.5	74.2	20.592	18.3	0.0	0.0	0.0	
16	16.0	33.4	24.3	67.7	20.166	17.6	0.0	0.0	0.0	
17	16.6	33.5	24.3	74.2	21.762	18.8	0.0	0.0	0.0	
18	18.6	29.8	23.3	72.7	20.400	17.8	0.0	0.0	0.0	
19	18.6	29.9	23.4	72.4	19.547	16.8	0.0	3.0	3.0	
20	18.6	29.5	22.6	82.1	22.449	19.3	6.1	1.5	7.6	
21	16.6	28.6	22.2	81.7	21.765	16.8	0.0	0.0	0.0	
22	16.6	30.8	22.9	71.3	19.779	17.3	0.0	0.0	0.0	
23	18.0	30.8	24.0	69.3	20.608	17.9	0.0	0.0	0.0	
24	17.6	32.5	23.5	74.2	20.552	18.2	0.0	0.0	0.0	
25	17.5	32.5	24.0	67.9	19.532	17.1	0.0	0.0	0.0	
26	17.6	29.0	23.4	75.8	21.494	18.7	1.1	12.7	13.8	
27	18.0	27.6	20.3	85.7	20.528	17.9	4.6	0.0	4.6	
28	18.0	30.8	22.3	74.1	19.596	17.1	1.7	0.2	1.9	2.5
29	16.0	31.5	22.2	59.4	19.201	13.1	0.0	0.0	0.0	6.6
30	16.0	31.5	22.1	58.1	14.511	12.9	0.0	0.0	0.0	7.3
PROM	17.7	31.0	23.3	73.9	20.817	18.0	15.2	18.3	33.5	

ESTACION: FRANCISCO ROMERO
 ALTITUD: 1.000

MUNICIPIO: SALAZAR
 LATITUD: 7-46 N.

AÑO: 1.980
 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	17.0	30.5	22.5	73.1	19.553	17.1	0.0	0.0	0.0	5.5
2	18.0	30.0	22.1	75.8	20.160	17.6	15.3	0.0	15.3	4.0
3	16.0	27.0	21.1	78.3	19.321	16.5	0.1	0.0	0.1	3.3
4	16.5	29.5	22.5	72.1	19.002	16.6	0.0	0.0	0.0	9.9
5	16.5	30.5	23.5	68.4	15.050	16.7	0.0	0.0	0.0	9.1
6	16.5	29.1	22.6	76.1	20.534	17.9	0.0	0.0	0.0	6.8
7	17.0	28.5	22.0	78.1	20.631	18.0	7.6	0.0	7.6	5.0
8	16.0	31.0	23.1	73.0	19.670	17.1	0.0	0.0	0.0	7.6
9	16.6	29.0	22.3	73.1	19.355	17.0	0.0	0.0	0.0	4.1
10	17.0	30.0	22.0	77.1	20.277	17.7	2.2	0.0	2.2	5.0
11	17.0	28.6	20.7	61.5	15.661	17.2	0.0	0.0	0.0	4.5
12	17.0	30.0	23.9	68.5	19.667	17.4	0.0	0.0	0.0	5.1
13	17.0	31.5	24.3	66.9	19.729	17.3	0.0	0.0	0.0	7.8
14	18.5	26.0	22.5	78.0	21.161	18.3	2.4	0.0	2.4	1.3
15	17.0	30.0	21.5	75.7	19.335	16.9	14.8	0.0	14.8	5.7
16	16.5	29.5	23.1	70.2	19.133	16.8	0.0	0.0	0.0	6.4
17	17.5	29.0	22.6	74.4	19.621	17.4	0.0	0.0	0.0	7.3
18	17.0	30.0	22.2	71.6	18.675	16.6	0.0	0.0	0.0	4.5
19	17.3	31.0	23.2	70.5	19.275	16.5	0.0	0.0	0.0	6.3
20	17.1	31.0	22.1	70.5	18.700	16.4	0.0	1.5	1.5	6.4
21	16.5	26.5	21.3	87.5	22.187	15.1	0.0	0.0	0.0	0.9
22	17.0	31.0	23.4	68.3	19.105	16.6	0.0	0.0	0.0	7.5
23	17.0	30.0	22.4	74.2	15.555	17.2	4.8	0.0	4.8	6.1
24	17.0	30.0	23.1	71.4	19.335	16.5	0.0	0.0	0.0	0.0
25	16.5	29.5	23.8	67.2	18.540	16.6	0.0	0.0	0.0	5.6
26	16.0	32.0	24.7	63.1	18.156	15.5	0.0	0.0	0.0	7.8
27	18.0	31.0	24.7	69.5	20.301	17.7	0.0	0.0	0.0	4.5
28	18.0	29.0	21.2	61.2	20.530	18.1	11.8	0.0	11.8	0.5
29	15.5	31.0	23.4	70.5	15.730	17.2	0.0	0.0	0.0	6.3
30	17.0	31.0	23.6	72.9	20.305	17.5	0.0	0.0	0.0	7.5
31	17.5	31.0	23.2	67.3	19.079	16.6	0.0	0.0	0.0	5.2
PROM.	16.9	29.9	22.7	73.1	19.719	17.2	59.0	2.4	61.4	173.5

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	17.0	30.0	23.9	69.5	20.111	17.5	0.0	0.0	0.0	7.3
2	16.5	31.0	23.3	67.0	19.361	16.9	0.0	0.0	0.0	5.7
3	17.0	30.0	24.1	70.7	20.665	18.2	0.0	0.0	0.0	4.6
4	17.5	32.0	24.0	72.1	20.782	18.1	0.0	16.3	16.3	6.9
5	17.0	32.3	23.2	75.0	20.763	18.0	1.4	8.9	10.3	7.9
6	18.0	29.5	23.1	75.8	21.035	18.2	0.0	0.0	0.0	5.1
7	17.5	31.0	24.7	73.4	22.073	18.6	0.0	54.4	54.4	5.8
8	18.0	27.5	21.5	84.5	22.061	15.0	9.1	0.0	9.1	1.0
9	16.5	30.6	22.7	75.6	20.449	17.5	0.0	0.0	0.0	5.2
10	18.5	31.5	24.4	68.2	20.188	17.6	0.0	0.0	0.0	9.2
11	18.5	29.5	22.5	76.7	21.171	18.4	0.3	0.0	0.3	6.1
12	17.5	31.0	24.8	68.5	21.105	18.2	0.0	0.0	0.0	9.9
13	17.5	30.0	24.0	70.1	20.648	18.2	0.0	0.0	0.0	5.6
14	17.0	31.0	23.9	71.4	20.674	18.0	0.0	0.0	0.0	6.9
15	17.5	30.5	23.4	76.7	21.547	18.5	0.7	0.0	0.7	6.5
16	17.0	30.0	23.9	69.5	19.555	17.5	0.0	0.0	0.0	4.8
17	18.5	31.5	24.2	66.7	15.572	17.1	0.0	0.0	0.0	6.7
18	17.5	32.0	24.4	72.8	21.355	18.5	0.0	0.7	0.7	7.2
19	17.5	29.0	21.3	79.6	20.412	17.8	11.2	0.0	11.2	2.5
20	15.5	29.5	22.3	72.0	16.532	16.6	0.0	0.0	0.0	7.6
21	16.5	30.5	24.1	66.7	19.277	16.9	0.0	0.0	0.0	8.1
22	17.0	28.5	22.3	76.1	20.040	17.5	0.0	0.0	0.0	6.0
23	17.0	31.5	23.9	68.2	19.501	17.4	0.0	0.6	0.6	5.4
24	17.0	31.5	23.5	69.5	15.407	17.0	0.0	0.0	0.0	5.7
25	17.6	31.0	21.9	71.5	20.590	17.9	2.9	0.0	2.9	6.3
26	16.5	31.0	22.8	77.1	20.550	17.8	3.5	1.0	4.5	8.0
27	17.0	30.0	23.1	72.8	20.476	17.9	0.2	1.0	1.2	9.1
28	17.5	26.5	21.2	94.0	23.587	20.1	3.6	0.2	3.8	0.0
29	17.0	30.0	23.1	78.5	21.853	18.8	0.1	0.0	0.1	6.8
30	18.0	30.5	24.4	68.7	20.307	17.6	0.0	3.6	3.6	6.5
31	17.0	30.7	23.8	73.8	20.660	18.0	0.0	12.3	12.3	6.9
PROM.	17.3	30.4	23.4	73.3	20.659	17.9	33.0	99.0	132.0	199.3

ESTACION: FRANCISCO ROMERO
 ALTITUD: 1.000

MUNICIPIO: SALAZAR.
 LATITUD: 7-46 N.

AÑO: 1.980
 LONGITUD: 72-48 W.

M E S - S E P T I E M B R E

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	23.9	74.7	21.676	18.8	0.0	2.5	2.5	6.8
2	18.5	29.2	23.5	77.3	21.756	18.8	0.0	1.2	1.2	5.6
3	18.5	29.0	22.2	60.0	21.452	18.6	27.9	0.0	27.9	4.8
4	16.5	21.5	23.6	72.9	20.060	17.5	0.0	2.5	2.5	7.7
5	18.5	29.5	22.5	79.1	21.607	18.7	0.0	0.0	0.0	7.1
6	17.0	29.8	23.7	75.2	20.328	17.7	0.0	0.0	0.0	6.6
7	18.0	30.5	23.0	74.4	20.560	17.9	0.0	0.0	0.0	8.2
8	18.0	31.5	24.6	70.5	21.125	16.4	0.0	10.0	10.0	8.7
9	18.0	29.0	23.6	79.6	21.844	18.5	0.0	0.0	0.0	8.6
10	17.0	31.0	22.8	77.7	21.038	18.2	3.5	0.8	4.3	6.5
11	17.5	31.4	24.6	71.6	21.001	18.1	0.0	0.4	0.4	7.4
12	18.5	31.0	24.0	69.0	20.090	17.5	0.0	0.0	0.0	6.6
13	18.0	31.3	23.6	74.1	20.752	16.1	0.0	0.0	0.0	6.9
14	18.0	32.3	24.6	70.9	20.511	16.1	0.0	12.4	12.4	6.6
15	18.0	29.5	22.8	80.7	22.018	15.0	0.2	2.0	2.2	3.0
16	19.0	28.5	23.7	77.2	21.184	18.4	0.0	0.0	0.0	4.7
17	17.5	31.6	23.7	72.5	20.654	17.9	0.0	0.0	0.0	5.8
18	18.5	31.3	23.3	80.6	22.741	15.5	0.0	0.3	0.3	2.5
19	18.0	31.5	23.5	75.5	20.468	17.5	0.0	4.2	4.2	3.0
20	18.6	31.0	23.9	77.9	22.333	15.2	0.0	0.0	0.0	7.3
21	18.5	29.5	23.6	78.2	22.610	15.4	3.9	0.1	4.0	4.5
22	19.0	27.6	23.6	59.1	24.608	20.8	0.4	8.5	8.9	2.5
23	16.0	29.0	23.6	78.6	19.555	17.4	0.0	0.0	0.0	6.9
24	16.5	31.3	23.8	75.0	20.303	17.7	0.0	0.0	0.0	7.9
25	17.0	31.3	23.4	73.5	20.521	18.1	0.0	0.0	0.0	6.9
26	18.6	31.5	23.7	74.3	21.739	18.8	0.0	7.1	7.1	3.7
27	18.6	31.0	23.2	80.5	21.231	18.4	28.4	20.2	48.6	4.7
28	18.0	29.6	23.8	70.5	19.543	17.0	0.0	0.0	0.0	4.4
29	17.0	30.6	23.5	80.5	22.791	15.5	2.0	5.8	7.8	5.7
30	18.0	29.5	22.4	82.2	21.568	15.0	7.7	23.8	31.5	3.7
PROM.	17.9	30.3	23.2	76.4	21.310	16.4	74.0	101.8	175.8	177.5

M E S - O C T U B R E

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	27.2	21.9	82.0	21.342	16.5	0.0	0.0	0.0	2.4
2	17.4	29.6	22.9	76.0	20.700	16.0	5.4	27.9	33.3	4.5
3	17.4	31.3	24.1	76.2	21.604	18.8	0.0	13.4	13.4	6.9
4	18.5	29.5	22.5	79.7	21.572	18.5	0.2	33.4	33.6	4.1
5	18.0	27.3	22.5	82.6	22.327	15.2	17.0	14.8	31.8	3.8
6	18.4	27.8	23.1	78.6	21.777	18.8	1.2	2.8	4.0	3.9
7	19.0	27.0	22.4	84.4	22.739	15.5	0.0	22.6	22.6	1.4
8	19.0	27.2	21.5	67.4	22.651	15.6	2.3	0.3	2.6	1.9
9	18.3	27.4	22.6	79.9	21.582	16.6	0.3	1.4	1.7	0.0
10	18.0	28.5	22.1	60.6	21.066	16.3	0.0	0.0	0.0	4.7
11	17.4	28.6	22.7	79.0	21.239	16.4	0.2	5.3	5.5	6.0
12	17.5	30.1	24.0	75.0	21.469	18.5	0.0	0.0	0.0	7.7
13	18.0	30.8	24.3	76.0	22.101	15.1	0.0	0.0	0.0	8.1
14	18.5	30.4	24.3	79.0	22.575	15.6	0.0	0.0	0.0	6.8
15	18.5	27.8	22.2	84.6	22.590	15.4	0.0	0.0	0.0	1.7
16	17.4	30.1	23.9	76.6	21.518	18.7	0.2	7.7	7.9	6.6
17	18.5	28.3	22.7	79.5	21.747	18.8	32.1	0.0	32.1	2.4
18	18.4	28.3	22.5	86.2	20.550	18.2	1.5	1.8	3.3	4.3
19	17.4	28.9	22.5	75.6	21.265	16.6	0.0	0.0	0.0	3.0
20	18.6	28.5	23.0	72.1	20.003	17.5	0.0	0.0	0.0	5.2
21	17.0	30.0	22.8	77.6	20.563	18.2	0.0	0.0	0.0	6.6
22	18.0	29.3	23.0	75.6	20.603	18.1	0.0	0.0	0.0	6.7
23	17.0	30.5	22.1	75.0	19.599	17.2	0.0	0.0	0.0	7.3
24	17.0	30.0	22.7	73.9	20.158	17.6	0.0	0.0	0.0	4.9
25	17.6	30.6	22.9	77.4	21.121	16.3	0.0	0.0	0.0	6.9
26	17.4	29.3	22.7	74.0	20.692	16.0	0.0	0.0	0.0	2.0
27	17.0	29.6	23.5	74.3	20.689	18.2	0.0	0.0	0.0	4.4
28	18.0	30.6	23.1	76.7	21.217	18.4	0.0	0.0	0.0	5.3
29	17.0	29.5	22.1	74.4	19.795	17.3	0.0	0.0	0.0	3.1
30	16.0	28.0	21.9	76.7	20.325	17.7	1.3	1.6	2.9	2.6
31	17.5	30.0	23.3	79.5	22.217	15.1	0.0	9.5	9.5	6.2
PROM.	17.6	29.2	22.8	78.4	21.353	18.5	61.7	142.5	204.2	141.4

ESTACION: FRANCISCO ROMERO

MUNICIPIO: SALAZAR

AÑO: 1.980

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	18.4	24.5	22.7	81.5	22.195	15.1	0.0	0.0	0.0	5.1
2	19.0	26.5	22.5	86.0	23.263	15.9	0.0	0.0	0.0	0.6
3	19.0	27.6	22.5	84.7	23.141	16.6	1.9	0.0	1.9	2.6
4	17.5	27.6	21.9	83.2	21.521	16.9	9.8	9.3	19.1	2.6
5	18.0	27.5	22.0	88.5	22.170	15.1	27.5	10.5	38.0	0.0
6	19.3	25.2	22.0	89.6	21.641	18.9	1.9	0.0	1.9	0.6
7	16.0	27.8	21.5	81.5	21.143	18.4	5.7	9.1	18.6	3.7
8	17.5	29.0	22.0	82.2	21.551	18.6	0.0	0.0	0.0	6.4
9	16.3	27.3	21.7	81.1	20.360	17.7	0.0	3.5	3.5	5.9
10	17.0	27.5	22.2	80.7	21.045	18.3	0.0	0.0	0.0	2.6
11	18.0	29.5	23.4	77.9	22.056	19.0	0.0	0.1	0.1	2.4
12	17.5	28.3	22.1	81.3	21.602	18.9	0.3	0.0	0.3	2.4
13	18.5	26.5	21.5	81.4	21.357	18.5	0.0	0.0	0.0	0.3
14	18.3	29.3	22.7	78.5	21.267	16.4	0.0	0.0	0.0	0.0
15	16.5	29.3	22.5	79.6	21.427	16.6	0.0	0.0	0.0	0.0
16	16.8	29.0	22.4	81.0	21.451	18.5	0.0	4.2	4.2	0.0
17	18.3	27.8	22.6	84.7	23.012	19.7	0.7	1.6	2.3	0.0
18	16.5	25.8	21.0	81.4	19.658	17.2	0.1	3.0	3.1	0.0
19	16.5	27.6	21.5	85.2	21.511	18.6	2.4	1.4	3.8	0.0
20	19.0	28.0	21.7	81.6	20.517	17.8	0.0	0.0	0.0	0.0
21	15.6	28.5	21.7	81.1	20.558	17.9	0.0	0.0	0.0	0.0
22	17.4	27.0	22.0	84.0	21.562	15.0	8.1	6.3	14.4	3.4
23	17.5	26.5	21.9	89.9	23.471	20.0	7.6	27.9	35.5	1.0
24	18.0	26.5	21.9	86.0	23.671	19.6	1.9	14.6	16.8	0.0
25	18.0	24.5	21.2	83.3	23.643	20.1	0.5	0.0	0.5	0.6
26	19.0	25.5	21.8	85.9	23.565	19.4	0.0	0.0	0.0	1.4
27	16.5	28.6	21.9	80.9	20.704	18.0	0.0	0.0	0.0	4.4
28	17.3	28.5	22.6	88.0	20.757	16.0	0.0	0.0	0.0	0.3
29	17.5	27.5	21.7	88.0	22.750	19.9	5.2	1.6	6.8	0.0
30	18.0	27.8	21.6	83.5	21.624	18.7	0.0	0.0	0.0	1.6
PROM.	17.7	27.6	21.9	83.5	21.756	18.8	77.6	93.4	171.0	

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	16.5	28.0	22.3	80.6	20.965	18.1	0.0	0.7	0.7	7.0
2	19.0	25.6	21.8	86.4	22.569	19.4	0.0	0.1	0.1	0.0
3	16.5	27.0	21.7	82.6	21.064	18.3	1.3	13.5	14.8	3.9
4	16.0	26.8	21.2	81.3	20.061	17.5	1.2	14.1	15.3	1.4
5	17.0	26.0	22.0	85.4	22.460	19.3	15.0	26.6	41.6	8.8
6	18.0	26.4	21.8	87.9	23.161	19.8	1.1	7.4	8.5	0.2
7	19.6	28.0	22.6	82.3	22.317	19.2	6.7	0.0	6.7	2.1
8	18.0	25.5	21.6	87.2	22.623	19.9	0.0	2.2	2.2	0.0
9	17.4	26.0	21.4	80.1	22.526	19.7	0.0	0.0	0.0	0.8
10	15.0	26.8	20.1	85.5	20.128	17.6	0.0	0.0	0.0	0.0
11	16.5	29.5	21.7	77.6	19.665	17.2	0.0	0.0	0.0	3.5
12	18.5	27.8	22.5	81.0	21.719	16.7	0.0	11.2	11.2	1.6
13	18.5	29.2	22.9	79.7	21.473	18.5	2.7	11.7	14.4	0.7
14	18.0	28.3	23.1	82.5	23.278	19.9	2.0	16.4	18.4	2.2
15	17.6	28.0	21.9	84.5	22.142	19.1	25.9	57.4	83.3	3.4
16	17.0	26.0	22.0	88.0	23.053	19.7	0.0	0.9	0.9	1.1
17	17.0	28.8	22.7	82.2	22.323	19.2	0.0	0.0	0.0	4.4
18	18.0	28.5	22.3	82.4	21.656	18.9	0.0	0.0	0.0	5.3
19	17.0	26.5	22.4	83.5	22.439	19.3	0.0	0.0	0.0	4.5
20	17.0	26.5	22.1	82.1	21.269	18.4	0.0	0.2	0.2	5.2
21	16.3	27.0	21.9	83.5	21.671	18.7	0.0	0.0	0.0	5.9
22	18.8	27.0	22.2	86.6	23.065	19.8	0.1	0.7	0.8	2.4
23	18.4	27.0	22.2	85.0	22.560	19.4	0.0	0.0	0.0	1.8
24	19.6	26.1	22.4	87.3	23.651	20.2	0.0	0.0	0.0	2.3
25	18.9	27.2	22.6	84.0	22.540	19.3	0.0	0.0	0.0	1.6
26	17.5	27.2	22.6	83.6	22.540	19.3	0.0	0.0	0.0	2.7
27	17.6	28.0	21.9	83.3	21.655	18.7	44.3	17.5	61.8	3.8
28	17.6	27.3	21.2	84.4	21.560	18.6	0.4	125.6	126.0	0.7
29	17.3	27.0	21.5	84.5	21.516	18.6	0.2	43.2	43.4	0.0
30	18.4	23.0	20.3	81.5	21.634	18.9	0.2	0.0	0.2	0.0
31	17.3	26.5	21.4	83.1	21.058	18.3	18.5	19.0	37.5	2.7
PROM.	17.6	27.1	21.9	84.2	21.981	18.9	119.6	368.4	488.0	82.6

ESTACION: FRANCISCO ROMERO

MUNICIPIO SALAZAR

AÑO: 1980

ALTITUD: 1.000

LATITUD: 7-46 N.

LONGITUD: 72-48 W. 133

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.2	27.5	21.6	14.0	30.6	83.9	21.288	18.4	175.7	7	
FEBRERO	16.1	26.6	21.3	14.0	29.8	84.9	21.176	18.3	167.7	16	
MARZO	17.1	27.5	22.1	15.2	32.0	83.5	21.904	18.9	101.7	13	
ABRIL	17.4	28.7	22.7	13.6	32.3	82.6	22.446	19.3	104.3	15	
MAYO	18.1	30.8	23.6	16.5	33.5	77.4	22.176	19.1	27.2	9	
JUNIO	17.7	31.0	23.3	16.0	33.4	73.9	20.817	18.0	33.5	11	
JULIO	16.5	29.9	22.7	15.5	32.0	73.1	19.719	17.2	61.4	9	173.5
AGOSTO	17.3	30.4	23.4	15.5	32.3	73.3	20.659	17.9	132.0	16	159.3
SEPTIEMBRE	17.5	30.3	23.2	16.0	32.3	76.4	21.310	18.4	175.8	17	177.5
OCTUBRE	17.8	29.2	22.8	16.0	31.3	78.4	21.353	18.5	204.2	14	141.4
NOVIEMBRE	17.7	27.6	21.9	15.6	29.5	83.5	21.756	18.8	171.0	17	
DICIEMBRE	17.0	27.1	21.5	15.0	29.5	84.2	21.581	18.9	488.0	20	82.6
PROMEDIO	17.3	28.9	22.5	15.2	31.4	79.6	21.385	18.5			
TOTAL									1846.5	166	

ESTACION: HLCNAY

MUNICIPIO: CHINACOTA

AÑO:

1-980

ALTITUD: 1.235

LATITUD: 7-35 N.

LONGITUD: 72-36 W.

134

M E S - ENERC

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	24.5	19.8	84.3	15.604	17.2	0.0	0.0	0.0	1.3
2	14.0	27.5	20.5	79.9	18.652	16.6	0.0	0.0	0.0	8.6
3	14.0	26.5	20.7	80.2	18.626	16.4	0.0	0.0	0.0	8.8
4	12.6	27.5	19.4	79.0	17.504	15.3	0.0	0.0	0.0	8.2
5	13.5	27.0	20.4	80.5	18.648	16.2	0.0	0.0	0.0	7.8
6	14.0	27.4	20.6	80.2	18.653	16.5	0.0	0.0	0.0	8.2
7	14.5	26.6	19.9	81.6	18.505	16.2	0.0	0.0	0.0	8.0
8	13.5	28.0	18.6	84.5	18.025	15.8	0.0	0.0	0.0	9.1
9	14.0	27.5	19.0	79.5	17.617	14.5	0.0	0.0	0.0	8.8
10	12.6	27.5	19.7	81.5	18.244	15.5	0.0	0.0	0.0	5.1
11	13.6	26.0	19.3	80.0	19.024	16.6	0.0	0.0	0.0	8.1
12	15.0	26.0	19.5	80.0	17.354	15.6	0.0	16.9	16.9	7.7
13	15.0	26.0	19.5	80.0	16.637	16.4	0.6	0.0	0.6	0.0
14	15.0	24.5	19.5	84.2	18.704	16.3	0.0	0.0	0.0	6.8
15	13.4	26.5	19.3	86.4	19.080	16.7	0.0	0.0	0.0	5.7
16	16.5	26.5	19.1	86.5	19.186	16.8	0.0	16.1	16.1	1.2
17	14.4	25.5	19.4	87.7	19.689	17.2	1.4	8.0	9.4	5.8
18	15.6	23.5	19.1	81.7	20.165	17.6	0.0	5.5	5.5	1.5
19	16.5	24.5	20.6	88.5	21.258	18.4	0.0	0.7	0.7	1.1
20	14.6	23.0	18.5	91.7	19.641	17.2	3.7	2.1	5.8	0.1
21	17.0	22.0	16.4	84.7	20.051	17.5	0.0	0.0	0.0	1.3
22	16.0	22.0	20.0	86.7	20.128	17.6	0.0	0.0	0.0	4.5
23	15.3	24.0	20.1	83.5	19.689	17.2	0.0	0.0	0.0	7.1
24	15.5	24.6	20.1	86.3	20.257	17.7	0.0	0.0	0.0	1.4
25	14.0	29.6	22.8	86.5	14.678	12.5	0.0	0.0	0.0	9.1
26	13.5	30.0	19.5	76.5	16.737	14.6	0.0	0.0	0.0	8.9
27	12.5	30.0	19.7	76.8	16.576	14.3	0.0	0.0	0.0	4.9
28	14.6	27.5	20.5	79.6	18.769	16.4	0.0	0.0	0.0	5.4
29	15.5	26.0	21.0	82.6	20.155	17.5	0.0	0.0	0.0	4.6
30	13.6	27.5	20.2	79.4	18.133	15.9	0.0	0.0	0.0	7.0
31	16.5	26.0	18.8	89.7	19.675	17.2	0.1	1.9	2.0	0.7
PROM.	14.6	25.7	19.7	83.4	16.761	16.4	5.8	51.2	57.0	166.8

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	16.5	20.0	17.4	94.6	18.670	16.6	4.3	2.6	6.9	0.0
2	16.0	20.5	17.3	96.1	19.180	16.8	2.1	0.0	2.1	0.0
3	16.0	21.0	18.3	93.0	19.607	17.3	2.0	4.6	6.6	0.0
4	16.2	20.0	17.2	97.5	19.311	16.9	7.0	5.1	12.1	0.2
5	15.5	18.0	16.6	96.3	18.342	16.1	0.0	1.6	1.6	0.0
6	14.0	23.5	19.0	85.1	18.451	16.2	0.3	0.0	0.3	2.7
7	14.0	24.0	18.6	89.3	19.185	16.8	1.3	2.7	4.0	2.3
8	14.6	22.5	18.9	87.4	18.915	16.6	0.0	3.5	3.5	0.4
9	14.5	22.5	18.5	90.2	19.150	16.8	0.0	0.0	0.0	2.0
10	15.0	26.0	21.0	81.3	15.522	17.0	0.0	0.0	0.0	7.2
11	14.0	27.0	20.7	77.1	17.758	15.4	0.0	0.0	0.0	7.9
12	12.6	27.4	20.2	78.5	17.664	15.3	0.0	0.0	0.0	7.3
13	13.1	27.4	20.4	81.2	18.692	16.5	0.0	0.0	0.0	7.6
14	12.0	25.5	19.6	80.5	18.122	15.7	0.0	0.0	0.0	7.0
15	12.0	27.6	20.1	72.4	15.531	13.6	0.0	0.2	0.2	8.8
16	17.3	26.6	20.7	82.5	19.561	17.4	0.0	0.0	0.0	7.5
17	16.5	26.3	20.8	84.2	20.372	17.7	9.4	10.2	19.6	3.4
18	17.0	26.5	20.8	81.6	19.761	17.3	0.0	0.4	0.4	5.7
19	16.4	28.0	21.3	80.5	20.155	17.6	0.0	0.0	0.0	7.7
20	14.5	27.5	21.6	82.0	20.036	17.9	0.0	0.0	0.0	7.0
21	14.5	25.5	20.4	87.1	20.670	17.9	0.0	0.0	0.0	6.4
22	13.5	25.5	20.2	82.7	19.086	16.7	0.0	0.0	0.0	7.7
23	14.0	24.5	19.5	85.6	19.006	16.6	0.0	0.0	0.0	4.8
24	16.5	25.5	19.9	85.6	19.733	17.3	0.0	0.0	0.0	2.9
25	15.0	27.0	20.8	76.6	16.082	15.8	0.0	0.0	0.0	9.2
26	11.5	26.4	19.8	73.0	15.556	13.6	0.0	0.0	0.0	9.0
27	13.5	24.5	19.2	86.2	18.758	16.4	0.0	0.0	0.0	6.5
28	13.5	26.6	20.4	77.5	17.643	15.4	1.0	0.0	1.0	8.6
29	17.0	26.3	19.5	83.3	19.179	16.6	0.0	0.0	0.0	0.0
PROM.	14.7	24.5	19.6	84.5	16.503	16.5	27.4	30.9	58.3	139.8

ESTACION: BLCNAY

MUNICIPIO: CHINACCTA

AÑO:

1.980

ALTITUD: 1.235

LATITUD: 7-35 N.

LONGITUD: 72-36 W.

135

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	20.5	82.6	19.622	17.2	0.0	0.0	0.0	4.4
2	16.2	27.0	20.7	80.1	18.575	16.5	0.0	0.0	0.0	5.3
3	14.5	27.0	20.8	77.4	18.240	16.0	0.0	0.0	0.0	7.5
4	14.0	23.0	16.8	65.7	18.354	16.2	0.0	0.0	0.0	1.7
5	14.0	25.0	15.6	83.2	16.519	16.2	0.0	0.0	0.0	7.3
6	13.5	26.0	20.3	72.9	16.442	14.3	0.0	0.0	0.0	7.5
7	14.0	23.0	19.7	83.4	18.666	16.3	0.0	11.7	11.7	2.6
8	17.5	25.0	20.8	82.0	19.645	17.3	0.0	2.9	2.9	3.4
9	16.6	26.0	21.0	80.1	19.274	16.8	0.0	0.0	0.0	5.0
10	17.0	24.0	19.6	87.2	20.169	17.6	0.0	0.0	0.0	2.2
11	15.5	27.6	20.3	60.7	15.198	16.8	0.0	0.0	0.0	2.8
12	16.0	26.0	20.4	86.2	20.412	17.8	0.0	0.0	0.0	1.7
13	16.5	27.0	21.2	78.1	19.432	17.0	0.0	0.0	0.0	5.0
14	15.5	27.0	21.3	82.6	20.409	17.7	0.0	0.0	0.0	3.6
15	15.0	26.0	20.6	78.0	18.586	16.3	0.0	0.0	0.0	6.3
16	17.0	26.0	20.8	65.7	20.547	18.2	4.7	2.6	7.3	2.3
17	16.0	24.0	19.3	86.4	19.255	16.9	6.1	2.6	8.7	1.9
18	17.0	24.0	19.8	82.7	18.544	16.6	0.1	0.3	0.4	0.4
19	16.2	24.0	19.6	89.7	20.311	17.7	0.0	0.0	0.0	1.6
20	12.5	25.5	19.5	80.7	17.821	15.6	0.0	0.0	0.0	4.9
21	12.0	28.3	20.5	73.4	16.599	14.3	0.0	0.0	0.0	6.0
22	16.5	27.0	21.1	79.1	19.239	16.7	0.0	3.3	3.3	4.1
23	17.0	26.0	21.9	82.0	21.266	18.4	0.0	0.0	0.0	1.9
24	16.6	25.0	20.3	61.4	18.599	16.7	0.0	0.0	0.0	1.5
25	15.5	25.0	19.9	86.0	20.610	18.0	1.0	1.0	2.0	4.0
26	16.8	29.0	21.5	72.5	17.824	15.4	0.0	0.0	0.0	0.6
27	16.5	29.0	21.3	73.5	18.173	15.5	0.0	0.0	0.0	3.3
28	17.0	31.0	23.5	65.7	18.310	16.0	0.0	0.0	0.0	7.7
29	19.0	29.0	21.7	68.0	17.730	15.5	0.0	6.4	6.4	3.8
30	17.6	27.0	20.3	84.5	20.183	17.6	1.1	0.0	1.1	1.8
31	15.5	29.5	21.6	69.2	17.284	14.9	0.0	0.0	0.0	7.3
PROM.	15.8	26.6	20.6	80.1	19.025	16.6	13.0	30.8	43.8	121.4

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	14.5	30.0	21.7	70.4	17.576	15.4	0.0	0.0	0.0	7.3
2	13.5	29.0	21.8	69.2	17.011	14.9	0.0	0.0	0.0	8.0
3	13.0	29.0	22.8	69.2	18.018	15.5	0.0	0.0	0.0	8.7
4	14.0	28.5	22.2	70.0	17.199	14.7	0.0	0.0	0.0	5.7
5	15.5	27.5	22.1	73.3	18.847	16.2	0.0	1.5	1.5	1.6
6	18.0	23.5	20.7	79.0	19.106	16.7	0.0	0.0	0.0	0.5
7	17.0	24.0	19.4	83.5	19.339	16.9	0.2	0.0	0.2	0.3
8	16.0	21.0	18.3	94.8	20.232	17.7	0.6	0.0	0.6	0.3
9	15.0	27.0	20.2	83.5	19.536	17.1	0.0	0.0	0.0	6.2
10	15.5	26.0	20.6	83.0	19.878	17.3	0.0	1.5	1.5	2.7
11	16.6	26.5	21.3	60.5	20.056	17.5	1.1	14.2	15.3	3.4
12	15.0	26.8	21.6	78.5	19.538	17.4	0.0	0.0	0.0	4.7
13	16.4	26.5	21.2	81.8	20.332	17.7	0.0	0.0	0.0	1.5
14	16.6	28.5	22.3	74.8	19.355	16.8	0.0	0.0	0.0	4.3
15	16.5	25.5	19.3	86.0	19.723	17.3	3.8	0.0	3.8	1.6
16	15.6	26.0	20.8	64.4	20.552	17.9	0.4	1.3	1.7	2.4
17	17.5	24.5	19.6	90.0	20.865	18.2	1.3	0.0	1.3	0.4
18	16.6	27.5	21.5	82.2	20.555	18.2	0.0	0.0	0.0	1.4
19	18.0	26.0	21.5	78.4	19.878	17.4	0.0	0.0	0.0	2.2
20	17.5	26.0	21.6	78.6	19.640	17.3	0.0	0.0	0.0	0.5
21	16.5	29.0	21.9	77.7	19.976	17.3	0.0	0.0	0.0	6.2
22	17.5	29.5	22.7	80.1	21.829	18.8	0.2	7.5	8.1	4.8
23	16.6	28.0	19.4	53.9	21.406	18.6	36.0	0.6	36.6	1.8
24	17.0	22.0	19.5	53.9	21.562	16.7	1.8	0.0	1.8	0.0
25	16.5	26.5	20.7	89.0	21.652	18.8	0.0	0.0	0.0	3.2
26	17.5	27.0	21.1	82.0	20.431	17.8	0.0	0.0	0.0	4.6
27	15.6	26.0	22.5	80.5	21.357	18.5	1.9	0.1	2.0	7.1
28	16.5	29.0	21.3	82.0	20.437	17.8	0.0	0.0	0.0	7.4
29	17.0	26.5	20.0	83.0	19.742	17.2	0.0	0.0	0.0	0.9
30	15.0	29.0	21.9	60.5	20.720	16.0	0.0	0.0	0.0	6.7
PROM.	16.1	26.9	21.1	81.2	19.918	17.3	47.3	27.1	74.4	107.0

ESTACION: BLCNAY
 ALTITUD: 1.225

MUNICIPIO: CHIRACCTA ARO: 1.980
 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	15.4	26.5	20.1	85.0	20.038	17.5	3.8	0.0	3.8	5.3
2	16.0	27.5	21.5	83.5	21.627	16.7	0.0	0.0	0.0	4.8
3	16.5	26.0	20.4	77.7	18.460	16.1	2.2	0.0	2.2	6.1
4	15.5	29.0	22.3	74.4	19.654	17.0	0.0	0.0	0.0	8.3
5	16.6	26.5	22.4	80.1	21.533	16.6	0.0	0.2	0.2	8.3
6	17.0	24.5	18.9	96.5	21.202	16.4	6.3	0.0	6.3	0.2
7	17.0	26.0	21.7	81.1	21.235	16.4	0.0	0.7	0.7	2.2
8	16.5	27.0	21.0	84.4	20.504	16.2	2.8	0.4	3.2	1.9
9	17.0	27.0	21.0	86.1	21.349	16.5	25.2	0.0	25.2	2.4
10	15.5	28.5	20.9	84.4	20.471	17.6	0.0	0.0	0.0	3.1
11	17.0	31.5	23.4	70.6	19.635	16.4	0.0	0.0	0.0	9.4
12	16.4	26.0	20.7	85.4	20.650	16.0	0.0	0.0	0.0	1.0
13	17.5	26.5	20.6	84.7	20.431	16.0	0.0	0.0	0.0	2.8
14	17.0	22.5	19.4	86.6	19.637	17.2	0.0	0.0	0.0	0.0
15	15.5	27.5	20.8	62.6	15.564	17.5	0.3	0.6	0.9	0.0
16	16.5	29.0	22.8	78.2	20.678	17.9	0.0	0.0	0.0	0.0
17	16.0	29.0	22.8	75.4	20.309	17.5	0.0	0.1	0.1	4.6
18	17.0	30.0	22.1	77.3	20.264	17.6	0.0	0.0	0.0	4.4
19	17.5	28.6	22.4	76.8	20.238	17.5	0.0	0.0	0.0	7.1
20	16.4	29.9	22.4	78.6	20.625	16.0	0.0	0.0	0.0	4.3
21	15.3	29.0	22.1	75.1	19.594	17.1	0.0	0.1	0.1	2.4
22	17.0	22.5	15.6	95.0	21.557	18.9	2.8	0.0	2.8	0.2
23	15.5	26.5	21.6	77.6	19.452	17.0	0.0	0.0	0.0	1.9
24	17.0	28.0	23.1	77.9	21.756	18.7	0.0	0.0	0.0	1.3
25	16.6	28.3	21.3	80.8	20.000	17.4	8.9	5.6	14.5	2.4
26	17.0	28.0	21.3	83.6	21.097	18.3	0.4	7.6	8.0	4.2
27	16.9	26.0	21.1	85.3	21.370	18.6	0.0	4.5	4.5	2.1
28	17.0	28.0	22.4	82.4	21.369	18.5	0.0	0.3	0.3	6.1
29	15.5	27.5	20.8	79.1	20.326	17.7	0.6	0.0	0.6	4.4
30	16.0	28.5	21.2	83.0	20.719	16.0	0.0	0.0	0.0	7.8
31	16.0	29.5	22.3	80.6	21.404	18.5	0.0	0.0	0.0	6.1
PROM.	16.4	27.7	21.4	81.6	20.562	17.9	53.3	20.1	73.4	110.1

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	16.5	26.6	22.8	76.0	20.230	17.6	0.0	0.0	0.0	0.6
2	17.4	26.6	21.4	83.0	21.052	18.3	0.0	0.0	0.0	1.7
3	15.4	29.5	22.4	79.5	19.470	16.5	0.5	0.0	0.5	6.4
4	16.5	29.0	22.5	77.3	20.565	17.8	0.0	0.5	0.5	7.4
5	17.0	29.5	22.3	77.7	20.754	18.0	1.1	0.0	1.1	4.7
6	16.0	25.0	15.8	95.7	22.327	15.2	0.5	0.0	0.5	0.2
7	15.4	26.0	21.2	85.5	21.334	18.5	0.1	0.0	0.1	3.0
8	15.5	26.5	21.2	82.7	20.473	17.8	0.0	0.0	0.0	4.1
9	16.5	27.6	21.0	75.5	20.526	17.8	0.0	3.0	3.0	3.5
10	17.5	24.5	20.7	86.7	21.050	18.3	0.1	0.0	0.1	0.2
11	16.5	27.7	22.3	77.3	20.331	17.6	0.0	0.0	0.0	3.2
12	15.5	27.0	20.7	91.9	22.451	19.3	4.3	0.0	4.3	2.0
13	15.6	29.5	23.1	74.0	20.061	17.3	0.0	0.0	0.0	6.6
14	13.5	30.5	23.0	72.5	19.116	16.4	0.0	0.0	0.0	3.0
15	16.0	31.6	23.2	69.8	18.544	16.0	0.0	0.0	0.0	8.7
16	15.0	31.5	22.2	68.3	16.672	14.4	0.0	0.0	0.0	9.2
17	14.0	29.5	21.9	75.5	19.271	16.6	0.0	0.0	0.0	6.2
18	17.0	27.0	20.8	86.7	21.446	16.6	4.1	0.0	4.1	1.7
19	16.5	27.0	20.8	78.9	19.265	16.8	10.9	8.2	19.1	4.1
20	16.5	25.0	19.7	85.5	19.648	17.4	13.3	2.2	15.5	1.3
21	15.5	25.0	20.1	85.2	19.529	17.4	0.0	0.0	0.0	1.2
22	16.5	26.5	14.0	78.7	17.104	14.9	0.0	0.0	0.0	2.4
23	16.6	26.5	22.2	79.1	20.275	17.7	0.0	0.0	0.0	3.6
24	15.5	30.7	21.8	74.4	19.177	16.8	0.0	0.0	0.0	7.4
25	15.7	31.6	21.6	79.7	20.016	17.4	0.0	0.0	0.0	4.3
26	16.6	32.0	20.2	68.2	21.065	18.3	13.5	12.9	26.4	0.4
27	17.0	26.5	16.8	83.0	18.537	16.3	4.5	1.5	6.4	4.0
28	15.4	26.4	16.8	83.0	17.596	15.8	3.3	0.8	4.1	2.5
29	15.0	25.5	19.4	70.5	16.661	13.8	0.6	0.0	0.6	3.0
30	13.6	25.0	20.5	72.0	16.537	14.3	0.0	0.0	0.0	6.4
PROM.	16.0	27.5	21.2	79.5	19.722	17.1	56.2	29.5	85.7	113.6

ESTACION: BLCNAY
 ALTITUD: 1.235

MUNICIPIO: CHINACETA
 LATITUD: 7-35 N.

AÑO: 1.980
 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	27.0	20.6	82.5	19.640	17.2	0.0	0.0	0.0	6.9
2	16.5	26.0	19.9	85.6	20.267	17.8	3.2	0.0	3.2	2.7
3	14.8	25.0	19.4	89.0	20.003	17.5	0.5	0.0	0.5	3.1
4	15.5	27.5	20.6	77.2	18.364	16.1	0.0	3.5	3.5	8.4
5	16.5	30.1	22.2	72.4	18.019	15.4	0.0	0.0	0.0	7.6
6	16.0	28.0	21.9	77.1	19.463	16.9	0.0	0.0	0.0	7.6
7	15.5	26.6	20.8	81.8	20.001	17.4	4.0	0.0	4.0	5.4
8	14.5	28.5	20.7	78.6	18.639	16.3	0.0	0.0	0.0	8.4
9	14.0	26.5	20.1	76.6	17.811	15.7	0.0	0.0	0.0	3.4
10	15.5	27.0	20.2	80.1	18.660	16.4	0.0	0.0	0.0	3.8
11	14.0	27.5	20.3	75.8	18.060	15.9	0.0	0.0	0.0	4.1
12	16.6	28.0	22.5	63.2	16.479	14.4	0.0	0.0	0.0	8.5
13	15.0	28.0	21.6	77.0	19.095	16.7	0.0	1.5	1.5	5.9
14	17.0	24.0	20.0	85.6	19.989	17.5	3.0	0.0	3.0	2.9
15	14.0	27.5	19.1	81.3	18.412	16.2	12.7	0.0	12.7	5.1
16	14.5	25.5	19.9	82.3	18.631	16.5	0.0	0.0	0.0	2.6
17	15.5	26.8	20.0	83.4	19.295	16.9	0.0	0.0	0.0	8.5
18	16.8	27.0	20.2	80.2	19.010	16.7	0.0	0.0	0.0	6.5
19	16.5	26.0	20.5	80.3	19.134	16.8	0.0	0.0	0.0	6.5
20	15.4	28.0	21.0	81.7	20.334	17.8	0.0	0.0	0.0	6.5
21	16.5	25.0	20.1	84.8	19.648	17.4	1.4	0.0	1.4	2.7
22	16.0	28.0	22.0	72.6	16.731	16.4	0.0	0.0	0.0	6.4
23	15.0	27.0	20.3	78.6	18.248	16.0	13.5	1.0	14.5	4.0
24	15.5	27.5	20.6	76.9	18.218	16.1	0.0	0.0	0.0	7.5
25	15.0	25.5	21.7	77.5	19.351	16.9	0.0	0.0	0.0	3.2
26	15.0	25.5	21.2	74.4	17.967	15.7	0.0	0.0	0.0	9.0
27	15.4	20.1	22.0	72.9	17.521	15.3	0.0	0.0	0.0	0.6
28	16.5	25.5	19.2	51.2	20.636	16.0	7.8	0.0	7.8	0.7
29	13.5	28.5	21.0	71.0	17.431	15.2	0.0	0.0	0.0	6.4
30	15.0	27.5	20.4	80.3	16.555	16.6	0.4	0.0	0.4	6.0
31	16.5	26.5	20.2	79.0	18.711	16.4	0.0	0.0	0.0	2.8
PROM.	15.5	27.2	20.7	79.1	18.503	16.5	46.5	6.0	52.5	

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	15.0	27.5	22.2	72.0	18.604	16.3	0.0	0.0	0.0	7.3
2	16.0	27.0	21.9	73.2	18.559	16.3	0.0	0.0	0.0	4.0
3	15.6	27.0	21.9	79.4	20.532	17.8	0.6	0.0	0.6	2.7
4	15.5	28.0	22.1	76.7	19.544	17.0	0.5	0.5	1.0	4.8
5	15.4	29.9	22.9	76.1	20.057	17.5	12.6	5.4	18.0	7.5
6	16.5	28.5	22.3	77.6	20.274	17.7	0.0	0.0	0.0	4.8
7	15.5	26.0	23.3	69.1	18.148	15.9	0.3	0.3	0.6	5.8
8	17.5	25.0	20.2	82.2	19.666	17.4	10.6	0.0	10.6	0.3
9	15.0	26.5	20.6	83.1	19.714	17.2	0.0	0.0	0.0	4.8
10	17.4	29.0	23.0	70.6	18.740	16.4	0.0	0.4	0.4	5.1
11	17.0	26.0	20.1	83.4	19.713	17.3	0.8	0.0	0.8	3.1
12	14.5	28.5	21.5	73.3	17.950	15.7	0.0	0.0	0.0	9.0
13	16.5	26.5	22.0	79.2	20.474	17.7	0.0	0.0	0.0	4.4
14	15.3	28.6	20.0	86.4	20.116	17.6	0.6	0.0	0.6	5.4
15	15.5	29.0	21.1	79.1	19.317	16.9	0.0	0.0	0.0	4.2
16	15.0	27.4	20.6	78.6	18.620	16.5	0.0	0.3	0.3	3.6
17	17.0	29.5	21.3	76.7	18.558	16.2	0.5	0.0	0.5	5.3
18	15.5	28.5	20.4	81.8	19.710	17.2	11.2	3.1	14.3	6.3
19	15.5	26.5	19.3	80.0	18.078	15.6	3.5	0.0	3.5	1.6
20	14.0	27.0	19.8	77.6	17.521	15.4	0.0	0.0	0.0	5.0
21	14.5	28.0	20.9	75.8	18.435	16.2	0.0	0.0	0.0	5.7
22	14.5	27.0	21.5	78.4	19.412	16.9	0.0	5.3	5.3	7.2
23	15.5	29.9	23.4	68.9	18.578	15.7	0.0	0.0	0.0	6.6
24	14.4	25.5	21.5	80.3	20.212	17.6	0.0	0.0	0.0	6.1
25	16.0	25.0	21.5	75.9	18.936	16.9	0.5	0.0	0.5	3.7
26	15.0	30.6	21.1	75.6	17.697	15.5	1.5	1.2	2.7	6.6
27	15.5	27.0	20.8	80.9	19.236	16.8	0.0	0.1	0.1	6.0
28	17.5	23.5	19.4	68.6	20.025	17.5	1.4	0.0	1.4	0.6
29	15.0	27.0	20.3	76.4	17.299	14.7	15.0	0.1	15.1	5.5
30	16.5	26.5	20.0	87.6	20.463	17.9	2.5	0.0	2.5	4.1
31	15.5	28.0	21.6	77.6	19.519	17.0	0.0	10.0	10.0	5.5
PROM	15.7	27.8	21.2	76.2	19.176	16.7	62.1	26.7	88.8	160.6

ESTACION: BLONAY

MUNICIPIO: CHINACOTA

AÑO:

1-980

ALTITUD: 1.235

LATITUD: 7-35 N.

LONGITUD: 72-36 W.

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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	26.5	20.8	80.6	19.485	17.0	2.4	9.0	11.4	6.0
2	16.5	27.0	21.1	79.5	19.641	17.1	0.0	1.9	1.9	5.7
3	16.6	27.5	20.6	83.6	20.444	17.8	30.0	0.0	30.0	3.9
4	15.0	26.9	20.3	80.4	18.773	16.4	7.4	2.7	10.1	5.8
5	16.5	28.0	21.4	80.3	20.229	17.6	0.0	0.0	0.0	8.8
6	16.5	28.5	21.0	77.5	18.618	16.3	0.0	3.6	3.6	6.3
7	17.0	27.5	21.6	80.5	20.101	17.4	0.0	0.0	0.0	7.5
8	17.0	28.5	21.6	81.4	20.746	18.1	0.0	9.0	9.0	7.6
9	15.5	29.0	20.6	77.5	18.460	16.2	0.0	0.0	0.0	6.4
10	14.5	27.5	22.0	76.1	19.582	17.0	0.0	0.0	0.0	8.0
11	15.5	29.5	21.1	71.8	17.452	15.3	0.0	2.9	2.9	7.2
12	16.5	28.0	21.4	73.2	19.534	16.9	0.0	0.0	0.0	5.9
13	16.5	28.5	21.8	77.4	19.674	17.2	0.0	0.0	0.0	6.0
14	16.5	29.0	22.6	75.1	19.639	17.0	0.0	0.0	0.0	6.5
15	17.0	27.5	20.1	82.4	20.252	17.7	0.0	1.5	1.5	3.3
16	16.5	28.5	20.7	81.3	19.643	17.2	0.0	0.0	0.0	2.3
17	14.5	28.5	21.7	74.6	18.546	16.6	0.0	1.4	1.4	4.9
18	16.5	26.4	21.4	82.1	20.437	17.8	0.1	0.0	0.1	3.6
19	15.5	26.5	20.8	78.7	18.837	16.5	0.0	4.1	4.1	7.6
20	15.5	28.0	21.8	77.6	19.547	17.0	0.0	0.0	0.0	7.4
21	16.5	26.5	21.3	79.5	19.707	17.1	2.8	1.4	4.4	6.0
22	17.0	26.0	21.0	84.0	20.730	18.1	0.5	0.0	0.5	2.5
23	14.0	28.0	19.6	76.1	17.048	15.0	0.0	0.0	0.0	6.8
24	14.5	28.5	20.5	77.2	18.018	15.8	0.0	0.0	0.0	8.8
25	15.5	29.5	21.7	63.2	15.541	13.5	0.0	0.0	0.0	5.1
26	17.0	28.8	21.1	77.2	19.112	16.8	0.0	0.0	0.0	3.8
27	15.6	29.6	20.6	78.1	18.413	16.1	61.6	32.1	93.7	4.6
28	17.0	25.5	20.6	79.0	18.868	16.5	0.0	0.0	0.0	3.1
29	15.5	29.0	22.9	71.0	19.407	17.0	0.0	2.9	2.9	4.9
30	16.5	27.5	20.2	81.1	18.578	16.7	0.0	0.0	0.0	4.6
PROM.	16.0	27.8	21.2	78.0	19.200	16.8	104.8	72.7	177.5	165.0

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	26.0	19.8	82.7	19.052	16.7	0.0	0.0	0.0	2.5
2	15.0	29.0	22.0	78.1	19.567	17.4	0.6	0.3	0.9	6.5
3	15.0	28.5	22.7	76.3	20.068	17.5	1.1	0.9	2.0	7.5
4	17.5	29.0	21.0	77.8	18.277	16.5	0.0	0.0	0.0	4.6
5	16.6	25.5	21.9	79.8	20.645	18.0	0.9	27.1	28.0	2.6
6	17.0	26.5	20.6	83.8	20.050	17.5	0.3	0.1	0.4	3.0
7	18.0	25.5	20.6	82.5	20.041	17.5	0.0	18.3	18.3	0.5
8	16.6	25.5	19.8	84.6	19.605	17.2	3.5	0.2	3.7	1.8
9	17.0	26.0	20.4	86.1	20.507	17.9	0.0	0.0	0.0	3.3
10	15.5	27.6	21.5	86.5	21.782	18.8	0.0	0.0	0.0	5.4
11	15.0	26.5	20.1	90.5	21.087	18.2	1.6	0.0	1.6	6.0
12	16.1	27.0	20.5	79.3	18.574	16.2	0.0	0.0	0.0	7.5
13	16.0	29.0	20.9	77.7	18.389	16.0	2.6	0.4	3.0	8.4
14	16.0	27.5	20.6	81.4	19.316	16.9	1.1	0.0	1.1	7.0
15	15.6	26.0	19.5	89.2	20.356	17.8	0.2	0.0	0.2	5.4
16	14.6	28.0	20.7	77.0	18.254	16.0	0.0	0.0	0.0	7.9
17	16.5	27.0	20.8	78.1	18.559	16.6	2.5	0.0	2.5	2.8
18	16.5	26.5	19.8	82.5	18.924	16.6	0.4	0.0	0.4	5.3
19	16.0	26.0	21.6	72.3	18.063	15.8	0.0	0.2	0.2	6.4
20	17.0	30.0	21.3	74.7	18.231	15.9	0.0	0.0	0.0	6.6
21	14.5	29.0	20.4	77.5	18.306	16.1	0.0	0.0	0.0	6.4
22	15.0	27.4	15.7	80.2	18.365	16.2	0.0	0.0	0.0	5.0
23	14.5	26.0	15.8	77.2	17.633	15.7	0.1	0.0	0.1	5.0
24	14.6	27.0	20.6	80.2	19.358	16.9	0.0	0.0	0.0	4.1
25	15.5	27.5	20.9	80.6	19.634	17.3	0.0	0.0	0.0	5.7
26	15.0	28.5	21.1	78.0	19.182	16.7	0.7	0.0	0.7	3.0
27	16.0	28.0	20.5	80.7	19.342	16.9	0.1	0.4	0.5	4.0
28	16.5	28.5	21.2	78.6	19.621	17.1	0.0	0.0	0.0	6.1
29	14.5	29.0	20.8	73.1	17.367	15.0	0.0	0.0	0.0	5.9
30	13.5	28.5	20.1	81.6	19.058	16.7	1.4	0.0	1.4	4.2
31	16.5	28.5	22.0	79.4	20.621	17.9	0.0	0.0	0.0	6.5
PROM.	15.6	27.6	20.7	80.3	19.348	16.9	17.1	47.9	65.0	157.1

ESTACION: BLCNAY

MUNICIPIO: CHINACOTA AÑO: 1.980

ALTITUD: 1.235

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

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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	17.0	27.5	21.3	78.3	19.700	17.2	0.0	0.0	0.0	4.7
2	17.3	27.0	22.1	78.5	20.361	17.7	0.0	0.4	0.4	2.6
3	17.0	27.5	21.0	81.5	20.225	17.7	0.0	0.0	0.0	8.0
4	15.5	26.8	20.7	79.9	19.139	16.8	29.3	76.3	105.6	3.6
5	16.7	24.0	20.2	84.5	20.005	17.5	4.0	15.3	19.3	3.8
6	17.0	23.5	19.2	88.0	19.588	17.5	1.7	0.0	1.7	0.3
7	16.3	24.6	20.6	81.4	19.708	17.3	18.3	2.1	20.4	3.2
8	15.5	26.5	20.3	81.7	19.274	16.9	1.3	0.5	1.8	7.0
9	13.5	25.8	19.3	83.0	18.519	16.2	0.0	0.0	0.0	5.2
10	15.0	26.0	20.7	83.9	20.056	17.4	0.0	0.0	0.0	6.1
11	14.5	26.3	20.8	80.0	19.080	16.7	0.0	0.0	0.0	6.1
12	14.5	26.0	19.8	84.0	19.521	17.1	0.0	0.0	0.0	3.9
13	16.4	24.5	19.9	80.4	18.652	16.6	16.2	0.7	16.9	0.9
14	15.0	26.5	20.2	81.5	19.055	16.7	0.0	0.0	0.0	2.7
15	14.0	27.6	20.9	77.9	18.647	16.3	0.0	0.0	0.0	7.6
16	14.0	26.3	20.6	85.4	20.150	17.5	0.0	0.0	0.0	6.8
17	16.0	25.8	20.0	86.9	20.277	17.7	0.9	0.0	0.9	4.6
18	14.0	26.0	19.9	86.0	19.723	17.2	0.0	0.0	0.0	7.2
19	13.6	25.0	19.6	61.1	18.024	15.8	0.0	0.0	0.0	3.5
20	16.7	26.0	19.9	76.2	17.666	15.4	1.7	0.0	1.7	2.2
21	12.5	25.8	19.1	82.2	17.763	15.4	0.0	0.0	0.0	3.7
22	15.3	25.3	20.8	83.6	20.277	17.6	1.3	0.0	1.3	3.3
23	16.5	26.3	21.0	84.3	20.706	18.0	0.0	0.0	0.0	4.7
24	16.9	25.8	20.7	82.2	20.161	17.6	0.2	0.0	0.2	2.5
25	16.3	24.5	19.7	93.5	21.615	18.7	1.1	0.0	1.1	3.8
26	17.0	25.5	20.4	84.4	20.119	17.6	0.0	0.0	0.0	4.6
27	14.0	28.5	20.1	78.2	17.821	15.6	0.0	0.0	0.0	8.7
28	14.5	28.0	20.4	75.7	17.875	15.3	0.0	0.0	0.0	7.5
29	15.4	27.0	20.0	85.4	19.643	17.3	0.0	0.0	0.0	6.1
30	15.5	26.5	19.8	83.5	19.298	16.9	0.0	0.0	0.0	3.7
PROM.	15.5	26.3	20.3	82.5	19.442	17.0	76.0	95.3	171.3	139.8

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	14.3	27.0	20.3	78.6	17.872	15.6	0.4	0.0	0.4	7.8
2	14.5	25.0	19.1	82.6	17.582	15.7	5.3	0.0	5.3	5.0
3	14.0	26.6	19.8	81.1	18.059	15.8	10.8	0.8	11.6	6.5
4	13.4	25.0	19.8	81.8	18.523	16.2	7.1	39.3	46.4	5.5
5	15.5	25.0	19.9	87.1	20.095	17.6	0.0	0.0	0.0	4.6
6	16.5	25.8	20.8	82.0	19.841	17.3	4.4	0.6	5.0	5.0
7	16.6	27.0	21.5	78.2	19.501	17.3	0.0	0.0	0.0	5.3
8	15.4	23.0	19.5	84.5	19.363	17.0	0.0	0.0	0.0	0.5
9	14.5	24.0	18.9	84.3	18.461	16.2	0.0	0.0	0.0	1.4
10	13.4	25.5	18.0	84.1	17.421	15.3	0.0	0.0	0.0	5.8
11	13.5	26.8	19.4	80.4	17.676	15.5	0.0	0.0	0.0	6.8
12	15.0	26.5	20.5	60.0	18.827	16.5	0.0	0.0	0.0	2.3
13	16.5	26.5	21.1	79.4	19.409	16.9	0.0	0.1	0.1	4.8
14	15.5	26.4	20.2	84.7	19.274	17.4	1.2	28.6	29.8	5.3
15	15.0	27.0	20.6	84.1	20.121	17.5	5.0	0.8	5.8	6.6
16	15.0	25.5	20.3	82.1	19.236	16.9	0.0	13.6	13.6	4.7
17	15.5	27.0	21.1	80.1	19.674	17.2	0.0	0.0	0.0	6.6
18	19.0	26.5	20.3	83.6	19.559	17.2	0.0	0.3	0.3	6.3
19	15.5	25.0	20.0	84.3	19.340	16.9	0.0	0.0	0.0	4.7
20	14.4	25.5	19.6	83.8	18.659	16.4	0.0	0.0	0.0	5.0
21	13.4	25.5	19.5	85.0	18.660	16.5	0.0	0.0	0.0	4.5
22	15.5	25.5	20.2	84.1	19.564	17.1	0.0	0.0	0.0	5.5
23	17.0	25.5	20.4	80.7	18.508	16.5	0.0	2.7	2.7	4.6
24	16.5	26.0	20.7	79.8	19.055	16.7	0.0	0.3	0.3	5.2
25	17.0	25.5	20.6	81.9	19.677	17.2	0.1	0.5	0.6	2.6
26	16.0	26.4	20.2	83.1	19.568	17.1	0.0	0.0	0.0	4.2
27	15.0	27.3	20.5	79.5	18.613	16.3	0.0	7.5	7.5	4.7
28	16.0	25.6	20.5	82.7	19.602	17.2	0.0	34.1	34.1	2.7
29	15.5	24.0	19.4	85.7	19.308	16.9	0.0	3.0	3.0	3.9
30	17.0	23.0	16.7	86.0	18.111	16.5	0.0	0.0	0.0	0.6
31	15.2	25.0	19.4	82.7	18.466	16.2	0.0	0.9	0.9	2.7
PROM.	15.3	25.7	20.0	82.5	19.048	16.7	34.3	133.1	167.4	141.4

ESTACION: BLONAY

MUNICIPIO CHINACCTA

AÑO: 1.980

ALTITUD: 1.235

LATITUD: 7-35 N.

LONGITUD: 72-36 W. 140

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 Nubias		
ENERO	14.6	25.7	19.7	12.5	30.0	83.4	18.781	16.4	57.0	8	166.8	
FEBRERO	14.7	24.9	19.6	11.5	28.0	84.5	18.903	16.5	58.3	12	139.8	
MARZO	15.6	26.6	20.6	12.0	31.0	80.1	19.025	16.6	43.6	5	121.4	
ABRIL	16.1	26.9	21.1	13.0	30.0	81.2	19.918	17.3	74.4	12	107.0	
MAYO	16.4	27.7	21.4	15.3	31.5	81.6	20.562	17.9	73.4	16	110.1	
JUNIO	16.0	27.5	21.2	13.5	31.6	79.9	19.722	17.1	85.7	14	113.6	
JULIO	15.5	27.2	20.7	13.5	30.1	79.1	18.903	16.5	52.5	11		
AGOSTO	15.7	27.8	21.2	14.0	30.0	78.2	19.176	16.7	88.6	20	160.6	
SEPTIEMBRE	16.0	27.8	21.2	14.0	29.6	78.0	19.200	16.8	177.5	15	165.0	
OCTUBRE	15.6	27.6	20.7	13.5	30.0	80.3	19.348	16.9	65.0	17	157.1	
NOVIEMBRE	15.5	26.3	20.3	12.5	28.5	82.5	19.442	17.0	171.3	12	139.8	
DICIEMBRE	15.3	25.7	20.0	13.4	27.5	82.5	19.048	16.7	167.4	17	141.4	
PROMEDIO	15.6	26.6	20.6	13.2	29.9	80.5	19.337	16.9				
TOTAL										1115.1 163		

ESTACION: LA BELLA

MUNICIPIO: CALARCA

AÑO: 1.980

ALTITUD: 1.400

LATITUD: 4-30 N.

LONGITUD: 75-38 W.

141

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	24.0	20.4	78.7	16.628	16.5	0.0	5.1	5.1	
2	17.0	23.5	19.7	81.8	16.646	16.4	0.8	0.0	0.8	
3	15.0	23.0	19.5	77.9	17.601	16.6	0.0	0.0	0.0	
4	15.5	23.0	21.1	76.2	16.747	16.5	0.0	0.0	0.0	
5	15.0	23.0	20.4	77.5	16.658	16.9	0.0	0.0	0.0	
6	15.3	23.1	20.7	75.6	16.666	15.9	0.0	0.0	0.0	
7	14.5	23.0	21.3	75.5	16.461	16.2	0.0	0.0	0.0	
8	15.5	23.0	21.0	75.3	16.162	16.0	0.0	0.0	0.0	
9	15.0	23.0	20.5	76.6	16.220	16.0	0.0	0.0	0.0	
10	16.0	23.0	20.0	76.2	17.660	15.5	0.0	0.0	0.0	
11	17.0	23.0	18.5	87.4	16.558	16.6	17.1	0.0	17.1	
12	16.5	23.0	20.0	79.1	16.256	16.1	0.0	0.0	0.0	
13	16.5	23.0	20.0	80.2	16.421	16.2	0.0	6.6	6.6	
14	17.0	23.0	19.4	80.3	17.964	15.8	19.5	20.5	40.0	
15	16.0	23.5	19.9	83.7	17.983	15.8	3.1	4.1	7.2	
16	16.0	24.0	19.0	80.0	17.469	15.3	0.3	4.4	4.7	
17	16.0	23.0	18.3	86.3	16.666	15.9	0.0	0.0	0.0	
18	16.0	24.0	19.1	80.5	17.546	15.4	0.0	0.3	0.3	
19	16.0	24.0	18.3	84.5	17.524	15.8	4.3	0.0	4.3	
20	14.0	23.0	19.4	78.4	17.121	15.0	0.0	0.0	0.0	
21	13.5	23.0	19.3	85.7	18.760	16.4	0.0	0.0	0.0	
22	15.0	23.0	20.9	79.9	16.578	16.6	0.0	0.0	0.0	
23	15.8	23.0	20.8	83.5	20.424	17.8	0.0	0.0	0.0	
24	17.6	23.0	21.0	81.5	19.467	17.5	0.0	0.0	0.0	
25	16.5	23.0	21.3	80.4	19.644	17.3	0.0	0.0	0.0	
26	16.5	23.0	21.2	74.4	18.217	16.0	0.0	0.0	0.0	
27	15.6	23.0	21.6	69.5	17.614	15.5	0.0	0.0	0.0	
28	16.6	23.0	19.6	86.6	19.513	17.1	0.0	0.0	0.0	
29	16.6	23.0	19.8	87.2	16.302	16.0	1.9	46.9	48.8	
30	17.0	24.0	18.4	80.4	16.616	16.5	24.5	0.1	24.6	
31	14.5	24.0	19.6	83.6	16.563	16.3	0.0	0.0	0.0	
PROM.	15.9	23.4	20.0	80.1	16.438	16.2	71.5	88.0	159.5	

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	16.3	23.0	19.4	87.7	19.643	17.4	15.8	1.2	17.0	0.0
2	16.4	24.0	19.8	83.7	19.017	16.6	0.0	16.1	16.1	0.6
3	17.0	22.0	17.9	92.5	19.055	16.8	27.8	0.0	27.8	0.0
4	16.5	24.0	18.6	86.4	18.626	16.5	0.2	0.0	0.2	0.1
5	16.0	23.0	19.0	82.4	18.159	16.0	1.2	5.8	7.0	1.4
6	17.0	23.0	20.3	84.6	19.565	17.4	5.5	7.9	13.4	2.6
7	17.5	26.0	20.3	82.3	19.394	17.0	0.0	0.0	0.0	1.4
8	17.6	26.0	20.5	80.5	19.272	16.9	0.1	0.0	0.1	1.4
9	17.0	25.0	20.6	75.0	17.579	15.7	0.0	0.0	0.0	0.6
10	16.5	27.0	20.9	77.6	19.108	16.7	0.0	0.0	0.0	1.5
11	17.0	28.0	21.9	74.7	19.240	16.9	0.0	0.0	0.0	2.4
12	16.0	28.5	21.8	77.6	19.704	17.2	0.0	0.0	0.0	2.7
13	16.5	28.0	21.7	76.6	19.456	17.0	0.0	0.0	0.0	1.1
14	19.6	28.0	22.0	70.8	17.647	15.7	0.0	0.0	0.0	3.6
15	16.0	27.0	20.7	71.0	16.952	14.9	0.0	0.4	0.4	0.6
16	17.0	26.0	20.6	75.5	18.075	15.9	0.0	56.4	56.4	0.0
17	15.5	26.0	19.6	82.4	18.132	15.9	0.0	1.7	1.7	2.0
18	16.2	26.0	19.6	79.2	17.641	15.6	0.0	0.2	0.2	1.0
19	17.0	25.0	19.4	80.4	18.304	16.1	3.0	3.3	6.3	3.2
20	16.6	23.0	19.2	83.5	18.618	16.5	0.6	39.8	40.4	0.9
21	16.5	24.0	18.5	83.2	17.661	15.8	32.6	0.2	32.8	1.9
22	15.5	24.0	18.3	82.3	17.508	15.4	19.8	0.0	19.8	3.5
23	14.6	25.0	19.4	80.6	16.136	15.9	0.0	0.0	0.0	4.5
24	14.0	26.0	18.2	77.6	16.445	14.4	3.0	0.5	3.5	5.5
25	16.5	25.0	20.3	64.4	15.637	17.2	0.1	13.8	13.9	1.4
26	17.5	25.0	19.8	85.7	15.764	17.3	5.1	0.8	5.1	2.3
27	16.5	26.0	20.2	78.1	16.279	16.1	0.0	0.0	0.0	3.9
28	15.0	27.0	16.9	77.3	16.666	14.6	23.0	0.0	23.0	7.8
29	14.0	26.0	18.7	79.6	17.036	14.5	0.0	18.8	18.8	7.0
PROM.	16.3	23.6	19.5	80.6	18.503	16.2	137.8	166.1	303.9	65.5

ESTACION: LA BELLA
 ALTITUD: 1.450

MUNICIPIO: CALARCA
 LATITUD: 4-30 N.

AÑO: 1.980
 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	16.0	26.0	20.6	79.9	15.029	16.7	0.0	0.0	0.0	8.1
2	14.4	26.3	19.3	76.6	17.208	15.1	5.5	3.4	5.5	6.6
3	16.5	24.0	20.8	78.4	18.630	16.5	0.2	0.0	0.2	4.7
4	17.5	23.0	20.4	78.0	18.440	16.2	0.0	3.5	3.5	4.7
5	17.0	23.5	18.9	82.5	17.551	15.6	0.0	7.4	7.4	2.0
6	15.0	26.0	20.0	76.3	17.572	15.4	0.0	0.0	0.0	7.2
7	14.6	23.5	20.0	76.4	17.567	15.5	0.0	0.0	0.0	4.9
8	15.5	27.3	21.5	74.9	18.683	16.4	0.0	0.0	0.0	8.2
9	15.0	26.2	20.8	72.3	17.156	15.0	0.0	0.0	0.0	8.2
10	15.3	28.1	22.3	75.2	15.545	17.1	0.0	0.0	0.0	7.7
11	17.3	27.3	22.2	75.9	15.567	17.2	0.0	0.0	0.0	6.8
12	17.3	27.0	22.0	75.2	19.327	17.0	0.0	3.0	3.0	6.3
13	17.0	28.0	22.1	77.1	20.294	17.7	0.0	0.0	0.0	5.9
14	17.6	27.0	21.0	64.0	20.542	17.9	0.0	0.0	0.0	0.0
15	16.5	27.0	21.4	78.6	19.575	17.1	0.0	0.0	0.0	4.5
16	17.0	27.5	22.1	74.5	19.328	17.0	0.0	0.0	0.0	5.5
17	17.0	24.0	20.7	77.9	18.274	16.4	0.0	0.0	0.0	1.4
18	17.0	24.0	19.8	79.5	18.329	16.1	0.0	2.3	2.3	3.6
19	16.5	25.0	20.0	80.3	18.567	16.3	7.7	0.6	8.3	3.8
20	16.5	27.5	21.6	69.1	17.183	15.1	0.0	0.0	0.0	8.3
21	14.5	25.5	20.1	78.4	18.060	15.8	0.0	0.4	0.4	4.7
22	16.5	25.0	20.2	79.8	19.169	16.6	0.0	0.0	0.0	2.8
23	16.0	27.0	21.6	77.9	19.437	17.0	0.0	0.0	0.0	7.5
24	16.0	31.0	22.3	70.9	18.167	16.0	0.0	0.0	0.0	9.2
25	18.0	25.0	21.3	81.5	20.142	17.6	0.0	0.0	0.0	2.4
26	18.0	28.5	22.3	73.7	19.411	17.0	0.0	0.0	0.0	5.0
27	16.6	31.0	23.0	60.5	15.526	13.6	0.0	3.0	3.0	10.3
28	17.6	31.6	23.5	72.3	20.683	18.1	0.0	0.0	0.0	8.6
29	18.0	28.6	19.9	82.0	19.364	17.0	19.9	0.7	20.6	6.9
30	17.5	24.6	20.5	83.8	20.156	17.7	0.0	0.0	0.0	2.5
31	17.0	26.0	20.8	77.2	18.672	16.4	8.7	0.0	8.7	5.2
PROM.	16.5	26.6	21.1	76.6	18.754	16.5	42.0	15.3	57.3	177.9

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	27.5	21.5	72.8	18.074	15.9	0.0	0.0	0.0	6.3
2	17.0	24.5	20.4	80.6	19.247	16.9	2.8	17.4	20.2	3.2
3	17.0	26.0	20.8	79.4	19.060	16.7	0.0	0.0	0.0	3.8
4	16.0	27.0	19.5	78.5	17.567	15.8	2.3	0.0	2.3	5.8
5	15.0	25.5	20.0	75.6	17.260	15.2	0.0	3.0	3.0	3.4
6	16.5	24.0	20.0	78.0	18.167	16.0	0.0	8.9	8.9	1.9
7	16.6	33.3	20.2	82.6	19.431	17.1	6.1	0.0	6.1	1.1
8	16.0	26.0	19.8	79.6	18.631	16.4	44.9	0.1	45.0	4.2
9	15.5	26.5	20.9	77.4	18.715	16.4	1.8	0.1	1.9	8.5
10	17.0	27.0	20.9	73.7	18.048	15.9	0.3	0.0	0.3	6.0
11	15.5	26.0	21.1	69.7	16.631	14.7	0.2	3.0	3.2	9.6
12	14.4	28.0	21.3	63.6	18.233	13.3	0.0	0.0	0.0	9.9
13	16.0	26.5	20.8	76.1	18.437	16.2	0.3	0.0	0.3	7.8
14	16.3	26.0	20.2	80.8	19.027	16.7	0.0	3.3	3.3	4.3
15	18.0	26.0	20.7	80.4	19.503	17.1	0.0	0.0	0.0	4.1
16	16.0	29.5	22.7	70.5	16.624	16.3	0.0	0.0	0.0	9.1
17	15.5	26.0	22.0	74.7	19.223	16.8	0.0	0.0	0.0	5.6
18	17.5	27.0	24.1	62.5	17.641	15.4	0.0	0.0	0.0	4.8
19	18.0	26.3	20.8	70.0	17.467	14.7	0.0	0.0	0.0	7.2
20	17.5	24.5	21.4	60.1	20.151	17.6	0.0	0.0	0.0	4.3
21	17.6	28.0	22.0	77.1	20.189	17.7	0.3	20.1	20.4	3.7
22	18.6	25.0	21.5	82.5	21.051	18.3	0.0	1.2	1.2	1.2
23	17.5	25.5	21.4	79.7	19.551	17.5	3.0	0.0	3.0	3.7
24	18.0	22.2	19.1	91.9	20.372	17.6	0.0	0.3	0.3	0.0
25	16.5	26.0	20.6	83.0	19.920	17.4	10.9	3.0	10.9	2.4
26	17.5	21.0	19.0	51.5	20.073	17.6	0.0	0.0	0.0	0.0
27	14.0	23.0	20.4	76.4	17.632	15.5	0.0	0.0	0.0	6.0
28	16.6	25.0	20.0	81.1	18.759	16.5	0.0	3.2	3.2	3.2
29	16.0	26.5	20.6	82.5	19.634	17.2	0.0	0.0	0.0	4.3
30	16.0	26.0	20.8	77.5	18.526	16.6	1.9	10.5	12.4	4.8
PROM.	16.6	25.8	20.8	77.7	18.762	16.4	74.8	59.1	133.9	140.2

ESTACION: LA BELLA

MUNICIPIO: CALARCA

AÑO: 1.980

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	18.0	23.3	19.4	50.1	20.463	17.9	5.9	48.9	54.8	1.1
2	15.0	25.0	20.1	78.4	18.021	15.8	0.0	0.0	0.0	8.0
3	16.0	25.0	20.6	75.8	18.205	16.0	0.0	1.4	1.4	4.7
4	15.0	26.3	21.3	76.3	18.967	16.6	0.0	0.0	0.0	5.7
5	17.0	25.0	21.4	78.6	19.553	17.4	0.0	0.0	0.0	3.7
6	18.0	25.0	21.1	79.6	19.762	17.3	0.0	0.5	0.5	5.5
7	17.6	25.5	21.7	80.3	20.444	17.8	0.2	3.2	3.4	5.2
8	18.0	25.0	19.6	87.4	20.245	17.7	9.0	1.0	10.0	1.6
9	17.0	25.0	20.0	83.4	19.367	17.0	1.1	7.1	8.2	4.0
10	15.6	23.0	19.4	82.7	18.762	16.5	0.0	0.0	0.0	0.0
11	15.0	26.3	21.4	75.6	18.512	16.3	0.0	0.0	0.0	0.0
12	17.0	27.0	21.8	78.0	20.170	17.6	0.0	0.0	0.0	6.3
13	17.5	23.0	20.3	83.3	19.535	17.1	0.0	0.0	0.0	0.0
14	16.2	23.0	18.8	86.5	19.726	17.3	11.5	0.8	12.3	2.2
15	17.0	22.0	19.9	86.4	20.001	17.5	17.0	0.0	17.0	0.4
16	15.0	26.0	21.2	78.4	19.035	16.7	0.3	0.0	0.3	6.0
17	17.5	24.3	20.6	86.8	20.564	18.2	0.2	0.4	0.6	2.3
18	17.5	23.5	19.7	86.3	20.066	17.6	0.4	6.6	7.0	1.4
19	16.0	25.6	21.3	73.1	17.888	15.8	0.0	0.0	0.0	6.1
20	16.0	26.3	21.6	75.5	19.165	16.8	0.0	0.0	0.0	5.5
21	17.0	23.5	21.0	83.3	20.560	18.0	0.0	0.0	0.0	0.0
22	18.5	26.0	22.2	74.0	19.471	17.1	0.0	0.0	0.0	5.5
23	18.0	25.5	21.7	77.2	19.712	17.3	0.0	0.0	0.0	4.3
24	17.6	24.5	20.4	80.7	19.188	16.9	0.0	0.0	0.0	3.5
25	15.0	25.5	19.4	81.3	18.059	15.8	2.9	0.0	2.9	4.1
26	17.3	25.0	21.1	83.5	20.527	17.9	2.4	0.0	2.5	6.8
27	16.5	28.0	21.7	79.3	20.271	17.7	0.0	0.0	0.0	0.0
28	16.0	28.0	21.8	79.6	20.403	17.8	0.0	0.0	0.0	7.5
29	17.0	25.0	20.4	78.3	19.079	16.8	0.5	2.5	3.0	4.2
30	17.5	25.0	20.0	78.1	18.366	16.2	0.4	0.0	0.4	3.3
31	17.0	24.3	20.0	79.5	18.539	16.3	0.0	0.8	0.8	4.2
PROM.	16.8	23.1	20.7	80.7	19.468	17.1	57.8	73.3	131.1	107.1

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	16.0	21.0	18.0	92.5	19.293	16.9	15.0	1.2	16.2	0.0
2	15.0	21.0	17.8	92.8	18.709	16.4	4.8	0.0	4.8	7.9
3	14.5	24.5	19.2	84.2	18.474	16.3	0.0	0.0	0.0	5.1
4	16.4	26.5	22.1	77.3	20.294	17.7	0.0	0.0	0.0	6.7
5	17.5	25.5	20.6	80.2	19.137	16.8	0.0	0.0	0.0	4.0
6	17.5	25.3	22.3	78.9	20.556	18.2	0.0	0.6	0.6	5.4
7	17.5	26.3	21.4	79.5	19.952	17.5	0.0	0.0	0.0	5.4
8	17.0	26.0	21.0	77.6	18.543	16.7	0.0	0.0	0.0	4.6
9	17.0	27.0	22.0	80.7	21.090	18.4	0.0	7.5	7.5	4.2
10	18.0	22.0	20.0	88.2	20.337	17.7	2.2	4.0	6.2	0.4
11	17.0	24.0	19.7	85.6	19.722	17.3	3.6	3.0	6.6	2.2
12	17.0	24.0	18.8	88.0	18.952	16.7	0.0	13.9	13.9	3.1
13	16.0	22.0	19.0	88.2	19.031	16.7	2.0	0.0	2.0	5.0
14	14.6	28.0	21.4	72.7	17.808	15.6	0.0	0.0	0.0	10.0
15	15.3	28.0	22.3	65.2	16.714	14.6	0.0	0.0	0.0	10.3
16	15.6	27.5	22.3	72.9	19.071	16.7	0.0	0.0	0.0	8.3
17	17.0	26.5	21.3	78.6	19.783	17.3	0.0	0.0	0.0	5.4
18	17.5	26.5	21.3	77.7	19.357	16.9	5.3	3.0	5.3	4.8
19	17.5	24.0	21.0	79.7	19.643	17.2	0.0	5.2	5.2	1.4
20	17.5	22.0	19.4	86.0	19.585	17.2	19.2	0.0	19.2	0.9
21	16.5	27.0	21.4	80.8	20.112	17.6	0.0	0.0	0.0	8.5
22	16.5	26.5	21.4	79.4	20.001	17.5	0.0	0.0	0.0	1.7
23	15.5	27.0	21.3	71.8	17.751	15.2	0.0	0.0	0.0	9.8
24	15.5	27.0	21.5	75.2	19.342	17.0	0.0	0.0	0.0	6.7
25	17.5	25.4	22.4	74.9	19.903	17.4	0.0	0.0	0.0	4.8
26	16.5	24.0	20.3	82.2	19.204	16.8	0.0	0.0	0.0	2.2
27	17.0	23.0	21.8	57.7	18.356	13.2	0.0	0.0	0.0	7.6
28	16.0	23.0	22.6	56.1	14.553	12.3	0.0	0.0	0.0	6.1
29	17.0	22.0	20.5	69.9	18.388	16.1	0.0	0.0	0.0	0.0
30	15.0	25.0	20.5	79.4	18.451	16.2	0.0	1.8	1.8	3.6
PROM	16.5	25.5	21.0	78.5	18.577	16.6	52.1	37.2	89.3	148.1

ESTACION: LA EELLA

MUNICIPIO: CALARCA

AÑO: 1.980

ALTITUD: 1.450

LATITUD: 4-30 N.

LONGITUD: 75-36 W.

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M E S - J U L I O

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	20.3	76.4	17.752	15.6	0.0	0.0	0.0	4.6
2	16.0	27.0	20.9	70.0	16.640	14.6	0.0	0.0	0.0	7.9
3	15.6	28.0	21.3	71.0	17.774	15.7	0.0	0.0	0.0	9.6
4	15.0	28.6	22.4	64.4	16.356	14.0	0.0	0.0	0.0	10.2
5	17.5	29.0	23.2	53.0	14.005	11.8	0.0	0.0	0.0	4.3
6	17.5	28.0	23.2	59.5	16.071	13.5	0.0	0.0	0.0	3.6
7	16.5	26.3	21.6	72.5	16.401	16.2	0.0	0.0	0.0	7.9
8	15.4	26.0	21.0	78.0	15.024	16.6	0.0	0.0	0.0	7.9
9	16.5	25.5	20.3	77.1	17.922	15.6	0.0	2.6	2.6	4.8
10	17.0	23.5	19.7	81.0	18.415	16.2	1.8	0.8	2.6	2.4
11	16.5	24.5	20.8	78.0	18.617	16.5	0.0	0.0	0.0	7.4
12	16.6	26.0	20.9	77.4	18.705	16.4	0.0	0.0	0.0	6.6
13	16.6	25.0	21.1	78.0	19.153	16.7	0.0	0.0	0.0	8.2
14	15.0	26.0	21.3	75.6	18.400	16.1	0.0	0.0	0.0	6.6
15	16.3	26.0	21.1	78.6	19.178	16.8	0.0	0.0	0.0	4.7
16	14.4	26.3	21.6	75.2	18.430	16.2	0.0	0.0	0.0	7.3
17	16.0	28.5	22.8	63.5	16.661	14.5	0.0	0.0	0.0	6.3
18	15.5	28.5	21.8	68.5	17.223	15.1	0.0	0.0	0.0	7.2
19	15.0	29.0	22.3	71.0	16.425	16.2	0.0	0.0	0.0	4.6
20	16.4	25.5	20.1	74.2	17.668	15.5	0.0	0.0	0.0	3.5
21	16.6	24.5	20.8	82.4	15.566	17.5	0.0	0.0	0.0	0.0
22	15.0	26.0	20.3	76.4	17.779	15.7	0.0	0.0	0.0	5.7
23	17.0	26.0	20.5	75.5	18.191	16.0	0.0	2.2	2.2	6.0
24	17.0	24.0	20.2	78.2	18.131	15.9	0.0	0.0	0.0	3.9
25	15.0	25.0	19.0	79.1	17.476	15.4	9.4	0.0	9.4	5.7
26	15.2	26.0	20.3	75.1	17.667	15.6	0.0	10.3	10.3	5.2
27	17.5	25.0	20.6	80.0	15.225	16.9	0.0	3.5	3.5	4.9
28	16.5	26.0	20.3	82.0	15.715	17.3	0.4	0.0	0.4	5.9
29	16.0	27.5	20.8	76.4	16.260	16.1	0.0	0.0	0.0	7.1
30	15.5	27.0	21.7	72.4	18.271	16.1	0.0	0.0	0.0	7.7
31	17.5	26.0	20.5	78.0	18.722	16.5	0.0	0.0	0.0	5.9
PROM.	16.1	26.3	21.1	74.2	18.022	15.8	11.6	16.4	28.0	186.0

M E S - A G O S T O

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	26.2	20.6	74.1	17.447	15.3	0.0	0.3	0.3	7.5
2	16.0	26.0	20.2	74.6	17.406	15.3	0.0	0.0	0.0	5.6
3	16.3	24.1	20.1	76.7	17.661	15.7	0.0	0.0	0.0	6.8
4	14.5	23.5	19.7	80.0	18.138	15.5	1.4	3.9	4.3	2.3
5	16.0	25.5	19.6	79.4	17.625	15.7	0.0	0.0	0.0	5.8
6	15.6	24.0	19.8	77.7	17.662	15.5	0.0	0.0	0.0	4.0
7	18.0	23.3	19.7	62.3	16.760	16.4	0.0	0.0	0.0	1.5
8	17.0	24.0	20.0	82.5	19.002	16.7	0.0	0.0	0.0	1.5
9	15.0	24.0	20.7	82.0	19.625	17.2	0.0	0.0	0.0	3.1
10	17.0	27.3	21.7	69.1	17.457	15.3	0.0	0.0	0.0	6.5
11	14.5	29.0	21.8	60.4	14.476	12.2	0.0	0.0	0.0	8.8
12	15.5	29.0	23.1	61.3	16.203	14.2	0.0	0.0	0.0	5.7
13	14.0	27.3	21.2	73.9	17.696	15.7	0.0	0.0	0.0	7.7
14	16.0	27.0	22.0	79.7	20.501	17.8	0.3	0.0	0.3	5.5
15	16.5	26.0	21.2	75.4	18.557	16.3	0.0	0.0	0.0	7.6
16	17.0	25.2	20.8	78.8	18.659	16.6	0.0	0.0	0.0	5.9
17	16.5	27.0	20.9	75.4	18.124	16.0	0.0	0.0	0.0	7.7
18	15.0	24.0	20.5	80.6	16.567	16.6	4.1	0.0	4.1	3.7
19	16.0	25.0	20.2	81.3	18.563	16.7	0.0	0.0	0.0	4.3
20	17.0	25.0	19.7	81.4	16.495	16.3	1.5	0.0	1.5	4.6
21	14.0	25.0	20.2	76.4	17.330	15.2	0.0	3.0	3.0	5.1
22	14.0	25.6	19.9	77.5	17.456	15.4	0.0	0.0	0.0	9.2
23	15.4	28.0	22.9	53.6	13.316	10.9	0.0	0.0	0.0	5.7
24	14.0	28.6	22.9	51.2	13.275	11.2	0.0	0.0	0.0	10.1
25	13.5	31.0	22.3	56.6	13.547	11.4	0.0	0.0	0.0	10.4
26	15.4	30.0	22.5	74.2	15.527	17.1	0.0	0.0	0.0	7.6
27	18.0	27.4	23.2	58.0	15.502	13.3	0.0	0.0	0.0	7.2
28	17.0	28.0	22.9	49.5	16.662	16.3	0.0	0.0	0.0	5.0
29	16.5	24.5	19.1	85.7	16.567	16.7	0.0	0.0	0.0	1.2
30	14.6	27.0	20.8	74.1	17.415	15.3	0.0	0.0	0.0	8.4
31	16.0	26.3	21.1	77.0	15.174	16.8	0.1	4.1	4.2	6.8
PROM.	15.8	26.3	21.0	73.6	17.630	15.4	10.6	44.3	54.9	187.0

ESTACION: LA EELLA

MUNICIPIO: CALARCA

AÑO: 1.980

ALTITUD: 1.450

LATITUD: 4-30 N.

LONGITUD: 75-38 W.

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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	15.4	25.0	20.3	74.3	17.054	15.0	0.2	12.1	12.3	5.6
2	15.5	26.0	19.1	83.3	18.400	16.2	13.0	2.6	15.6	4.9
3	15.0	25.5	20.9	80.1	19.056	16.6	0.0	0.0	0.0	4.2
4	16.0	27.0	20.5	77.4	18.433	16.2	0.0	9.1	9.1	3.9
5	16.0	26.0	19.7	81.3	18.257	16.1	0.0	0.0	0.0	7.6
6	15.5	28.8	22.2	76.9	19.789	17.3	0.0	0.0	0.0	5.9
7	15.8	25.5	21.3	76.9	18.864	16.6	0.0	0.0	0.0	0.8
8	16.0	26.5	21.3	80.3	19.672	17.2	0.0	0.0	0.0	5.8
9	17.5	26.5	21.6	72.5	18.121	15.8	0.0	0.0	0.0	2.6
10	14.5	27.0	21.2	61.5	14.058	11.9	0.0	0.0	0.0	6.3
11	16.0	28.0	22.0	72.9	18.266	16.0	0.0	0.0	0.0	7.7
12	17.0	27.0	21.8	76.0	19.402	17.0	0.0	0.0	0.0	3.0
13	15.0	29.0	22.4	74.5	19.187	16.8	0.0	0.0	0.0	7.5
14	16.0	23.0	20.1	66.8	20.205	17.6	0.0	0.0	0.0	0.0
15	16.0	21.0	16.4	55.8	20.387	17.8	4.9	0.0	4.9	0.0
16	16.0	25.0	20.5	80.3	18.443	16.1	0.4	0.0	0.4	3.7
17	15.8	27.0	20.9	74.7	18.403	16.2	1.4	0.0	1.4	6.0
18	16.5	25.0	20.0	84.4	19.701	17.2	4.4	26.0	30.4	2.9
19	15.5	23.4	19.3	85.0	18.698	16.4	0.2	5.0	5.2	1.3
20	16.5	24.0	20.5	82.8	19.543	17.1	2.1	0.0	2.1	4.1
21	17.0	21.6	19.7	91.3	20.609	18.1	0.0	1.3	1.3	1.8
22	15.6	24.0	19.6	84.4	19.027	16.7	0.0	0.0	0.0	1.3
23	15.0	27.0	20.4	77.7	18.144	16.0	0.0	0.0	0.0	7.0
24	15.6	27.0	20.9	76.8	18.223	16.3	0.0	0.0	0.0	6.2
25	14.6	26.3	20.7	80.4	19.282	16.9	0.3	1.1	1.4	5.4
26	16.5	25.0	20.8	84.1	20.400	17.8	0.9	0.0	0.9	4.1
27	17.4	25.5	20.5	80.4	19.509	17.1	0.1	6.1	6.2	4.0
28	16.0	23.1	19.5	83.0	18.365	16.1	0.0	10.3	10.3	2.6
29	16.4	27.0	20.7	83.7	19.551	17.4	2.0	20.2	22.2	4.8
30	16.5	25.0	20.0	85.9	19.681	17.2	0.2	0.0	0.2	4.4
PROM.	15.9	25.6	20.6	80.2	18.931	16.6	30.4	93.8	124.2	125.4

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	17.0	25.0	20.4	84.0	20.094	17.6	0.0	0.0	0.0	2.7
2	17.0	26.0	21.5	82.6	20.736	18.1	0.0	0.0	0.0	3.0
3	16.5	26.5	20.6	79.7	19.017	16.7	0.0	19.6	19.6	3.5
4	16.0	24.4	18.8	82.2	17.664	15.5	0.2	6.5	6.7	1.3
5	15.5	24.3	19.8	84.1	19.341	17.0	0.0	10.1	10.1	3.2
6	16.5	22.0	18.0	91.9	19.525	17.1	6.4	21.4	27.8	0.1
7	16.0	24.0	18.6	86.5	18.582	16.4	6.0	1.7	7.7	2.0
8	14.5	25.0	19.4	80.3	18.116	15.9	0.9	4.4	5.3	2.8
9	16.0	24.1	19.9	86.1	19.731	17.3	0.0	6.0	6.0	3.4
10	17.0	21.2	18.8	88.0	18.659	16.6	0.3	0.0	0.3	1.1
11	14.5	24.8	20.3	81.5	19.414	17.0	0.3	0.0	0.3	3.1
12	17.0	24.4	19.6	84.1	19.051	16.7	0.0	0.0	0.0	4.1
13	14.6	26.0	21.2	80.1	19.680	17.2	2.1	0.5	2.6	5.1
14	16.5	26.5	20.2	83.4	19.730	17.2	0.2	3.8	4.0	4.8
15	17.5	25.9	19.7	87.1	20.160	17.6	0.4	0.4	0.8	3.6
16	16.5	25.5	19.3	86.1	19.422	17.0	2.7	0.4	3.1	4.2
17	17.5	22.3	19.6	93.7	21.378	16.6	3.1	1.1	4.2	0.3
18	16.0	22.0	18.6	88.5	18.768	16.5	0.5	0.6	1.1	1.0
19	15.6	26.0	20.1	83.9	19.500	17.1	0.0	6.9	6.9	2.2
20	16.5	22.5	16.4	95.5	20.179	17.6	14.0	0.0	14.0	2.8
21	15.0	25.5	20.4	75.5	17.865	15.7	0.0	0.0	0.0	7.4
22	14.6	26.5	21.4	81.6	20.171	17.6	0.0	0.0	0.0	6.5
23	17.0	25.0	20.7	82.3	20.053	17.6	0.0	0.0	0.0	2.6
24	15.0	26.5	20.4	80.1	18.914	16.6	0.3	0.0	0.3	6.5
25	16.0	25.0	19.6	82.6	18.758	16.5	14.7	1.9	16.6	3.3
26	16.6	24.0	20.8	82.9	20.043	17.5	0.0	0.0	0.0	2.1
27	17.5	25.0	21.2	82.3	20.368	17.8	0.0	0.0	0.0	4.0
28	15.5	27.0	21.8	80.7	20.427	17.8	0.0	1.8	1.8	5.3
29	17.0	22.0	16.7	87.4	18.941	16.6	2.6	0.0	2.6	0.7
30	14.3	25.3	20.0	81.3	18.511	16.2	0.0	0.0	0.0	6.0
31	15.5	26.0	20.8	77.0	18.804	16.5	6.5	0.0	6.5	4.6
PROM.	16.1	24.7	20.0	84.0	19.416	17.0	63.2	87.1	150.3	103.3

ESTACION: LA EELLA

MUNICIPIO: CALARCA

AÑO: 1.980

ALTITUD: 1.450

LATITUD: 4-30 N.

LONGITUD: 75-38 W.

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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	26.1	19.3	84.8	19.287	16.9	18.0	0.7	18.7	7.2
2	17.0	23.3	19.2	86.0	18.591	16.7	5.5	0.0	5.5	1.8
3	15.0	25.0	19.3	65.8	19.486	17.0	26.6	0.0	26.6	3.8
4	16.5	25.5	19.4	88.3	19.616	17.3	0.0	19.7	19.7	3.3
5	16.0	24.3	18.9	87.8	19.254	16.9	19.0	0.4	19.4	1.1
6	16.0	25.0	19.9	83.9	19.250	16.9	3.9	0.0	3.9	3.6
7	16.0	25.0	20.1	84.6	19.699	17.2	2.0	15.6	17.6	4.8
8	16.0	25.2	20.2	80.8	16.734	16.5	0.0	0.0	0.0	5.6
9	14.2	25.2	20.3	77.3	17.655	15.7	0.0	1.0	1.0	9.2
10	16.5	25.6	21.6	76.8	19.210	16.8	0.0	1.8	1.8	7.8
11	16.0	26.5	21.3	77.0	19.266	16.8	0.4	1.9	2.3	0.0
12	16.6	22.0	19.0	87.9	19.515	17.1	0.0	0.0	0.0	0.0
13	15.0	23.3	19.9	82.2	18.830	16.5	0.6	5.6	6.2	1.3
14	16.5	22.2	16.9	86.7	18.578	16.6	0.1	0.0	0.1	5.0
15	16.0	24.0	19.1	80.6	17.655	15.6	8.4	10.6	19.0	0.0
16	15.0	24.4	18.7	87.4	18.721	16.5	8.8	0.0	8.8	0.0
17	16.0	26.0	18.8	84.7	18.615	16.4	10.4	0.0	10.4	5.1
18	16.0	24.0	19.8	86.0	20.029	17.5	1.3	0.0	1.3	2.3
19	15.0	25.0	19.4	79.6	17.943	15.8	0.0	0.5	0.5	4.0
20	14.5	25.5	20.6	84.8	20.177	17.5	0.0	0.6	0.6	4.6
21	17.5	24.0	20.1	83.3	19.366	17.0	0.0	0.0	0.0	2.4
22	17.0	25.0	20.3	84.2	19.704	17.2	0.0	0.0	0.0	4.0
23	17.3	24.0	19.5	88.8	20.133	17.6	5.3	32.7	38.0	1.5
24	16.5	24.0	18.6	93.0	19.761	17.3	7.9	0.0	7.9	1.3
25	14.0	25.0	19.6	83.0	18.543	16.3	0.0	0.3	0.3	3.4
26	17.5	24.0	20.5	84.2	20.074	17.6	0.0	0.0	0.0	1.7
27	15.5	25.0	18.9	87.7	19.278	16.9	0.3	0.0	0.3	2.8
28	16.0	25.0	19.8	85.2	19.740	17.3	0.0	0.0	0.0	4.2
29	17.3	22.0	18.5	93.5	20.118	17.6	4.8	0.0	4.8	0.2
30	14.6	24.0	19.3	86.5	19.015	16.7	0.0	0.0	0.0	2.1
PROM.	15.9	24.5	19.6	84.8	19.238	16.9	123.3	97.8	221.1	53.7

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	16.0	23.0	17.8	95.5	19.299	16.9	46.8	0.0	46.8	0.8
2	14.0	26.0	20.7	80.1	18.721	16.4	0.0	21.0	21.0	3.1
3	15.6	26.0	19.3	83.3	18.778	16.5	0.3	0.0	0.3	1.0
4	15.5	25.0	19.8	65.0	19.531	17.1	0.0	3.1	3.1	0.0
5	15.0	26.0	20.9	78.8	19.044	16.7	0.0	0.0	0.0	2.0
6	16.0	26.0	21.1	79.6	19.524	17.0	0.0	0.0	0.0	2.2
7	15.4	24.3	20.6	80.0	18.945	16.6	0.0	0.0	0.0	0.9
8	16.0	22.0	19.7	88.8	20.232	17.6	0.0	0.0	0.0	1.8
9	16.4	22.0	19.8	80.3	18.329	16.1	0.0	0.0	0.0	0.5
10	15.0	23.8	20.8	81.2	19.502	17.1	0.0	0.0	0.0	1.5
11	16.0	25.0	19.9	80.6	18.879	16.6	0.0	0.0	0.0	0.0
12	16.0	25.0	20.5	83.7	20.088	17.6	0.0	0.0	0.0	1.8
13	16.6	25.2	19.9	86.1	19.938	17.4	4.7	0.5	5.2	0.8
14	15.6	26.0	20.3	84.4	19.856	17.4	0.0	0.0	0.0	0.8
15	16.0	25.0	20.1	82.7	19.071	16.7	0.0	0.0	0.0	1.0
16	15.6	24.0	19.2	84.4	18.516	16.3	0.0	0.6	0.6	0.2
17	15.5	23.0	19.0	88.1	19.226	16.9	0.0	0.0	0.0	0.0
18	16.5	25.0	20.1	79.5	18.327	16.1	0.0	0.5	0.5	1.4
19	18.0	25.4	20.9	77.4	18.549	16.6	0.0	0.4	0.4	0.5
20	17.8	23.3	19.6	81.6	18.725	16.5	4.1	0.0	4.1	0.0
21	16.2	26.0	20.1	79.6	18.809	16.5	20.3	0.2	20.5	1.5
22	16.0	25.0	20.2	78.4	18.187	16.0	0.0	0.1	0.1	0.0
23	15.6	26.0	20.8	80.5	19.639	17.3	0.0	0.2	0.2	0.0
24	17.3	26.0	20.7	81.9	20.059	17.6	1.8	55.2	57.0	1.2
25	16.6	22.0	18.6	87.7	19.084	16.8	0.3	0.5	0.8	0.0
26	15.3	24.0	18.9	80.3	17.488	15.4	0.0	17.0	17.0	0.0
27	16.3	25.1	20.0	76.9	17.854	15.7	1.8	3.3	5.1	1.3
28	14.0	23.6	17.8	81.6	16.527	14.5	0.0	0.0	0.0	0.7
29	14.0	24.6	19.6	78.0	17.207	15.0	0.0	0.0	0.0	1.9
30	17.5	23.0	19.3	63.3	18.805	16.4	0.0	19.7	19.7	0.0
31	16.2	23.0	19.4	85.9	19.313	16.9	6.4	0.0	6.4	0.2
PROM.	15.9	24.6	19.9	82.4	18.919	16.6	86.5	128.9	215.4	27.1

ESTACION: LA BELLA

MUNICIPIO CALARCA

AÑO: 1-980

ALTITUD: 1.450

LATITUD: 4-30 N.

LONGITUD: 75-38 W. 147

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	15.9	25.4	20.0	13.5	29.0	80.1	18.438	16.2	159.5	11	
FEBRERO	16.3	25.6	19.9	14.0	28.5	80.6	18.503	16.2	303.5	20	65.5
MARZO	16.5	26.6	21.1	14.4	31.6	76.6	18.794	16.5	57.3	9	177.9
ABRIL	16.6	25.8	20.8	14.0	29.5	77.7	18.782	16.4	133.9	17	140.2
MAYO	16.8	25.1	20.7	15.0	28.0	80.7	19.468	17.1	131.1	16	107.1
JUNIO	16.5	25.5	21.0	14.5	29.5	78.5	18.977	16.6	89.3	12	148.1
JULIO	16.1	26.3	21.1	14.4	29.0	74.2	18.022	15.8	28.0	7	186.0
AGOSTO	15.8	26.2	21.0	13.5	31.0	72.6	17.630	15.4	54.9	11	187.0
SEPTIEMBRE	15.9	25.6	20.6	14.5	29.0	80.2	18.931	16.6	124.2	16	125.4
OCTUBRE	16.1	24.7	20.0	14.3	27.0	84.0	19.416	17.0	150.3	22	103.3
NOVIEMBRE	15.9	24.5	19.6	14.0	26.5	84.8	19.238	16.9	221.1	23	93.7
DECIEMBRE	15.9	24.6	19.9	14.0	26.0	82.4	18.919	16.6	215.4	19	27.1
PROMEDIO	16.2	25.5	20.5	14.2	28.7	79.5	18.760	16.4			
TOTAL									1668.5	183	

ESTACION: PARAGUAYCITO

MUNICIPIO: BUENAVISTA AÑO: 1.980

ALTITUD: 1.250

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

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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	27.0	22.2	78.6	20.755	18.1	0.0	0.6	0.6	2.3
2	18.5	27.0	20.8	85.9	21.252	18.5	0.3	0.0	0.3	1.2
3	16.5	29.0	21.6	79.4	20.215	17.7	0.0	0.0	0.0	6.6
4	16.5	29.3	22.1	76.3	19.778	17.3	0.0	0.0	0.0	7.8
5	16.4	29.2	22.4	76.5	20.164	17.6	0.0	0.0	0.0	6.0
6	16.0	30.9	23.0	74.0	20.176	17.6	0.0	0.0	0.0	8.6
7	16.4	29.5	23.1	70.0	19.026	16.7	0.0	0.0	0.0	8.0
8	15.6	31.0	23.5	69.6	17.995	15.8	0.0	0.0	0.0	9.6
9	15.8	30.0	23.4	72.5	19.757	17.3	0.0	0.0	0.0	6.8
10	16.6	30.2	21.9	75.7	19.458	17.0	0.3	0.0	0.3	7.4
11	17.0	27.3	21.4	81.5	20.725	18.0	1.4	1.9	3.3	3.9
12	16.9	29.0	22.2	72.5	18.621	16.6	0.0	0.0	0.0	7.0
13	17.0	28.3	22.1	70.7	18.346	16.1	0.0	1.1	1.1	4.3
14	16.6	29.9	20.8	73.9	18.212	16.0	23.2	10.9	34.1	8.8
15	18.1	26.2	21.2	82.6	20.520	17.9	0.0	0.0	0.0	0.8
16	17.7	28.0	20.9	79.2	19.365	17.0	4.5	19.3	23.8	3.7
17	17.0	24.6	19.9	82.6	18.833	16.5	0.0	0.2	0.2	1.8
18	16.6	27.6	21.4	80.0	19.910	17.4	0.0	0.2	0.2	5.3
19	18.3	26.0	20.2	82.7	19.705	17.3	0.7	0.0	0.7	2.3
20	14.8	28.2	20.9	74.6	17.759	15.6	0.0	0.0	0.0	8.0
21	14.7	27.5	20.6	82.0	19.458	17.1	0.0	0.0	0.0	3.6
22	15.5	30.0	23.0	71.4	18.896	16.6	0.0	0.0	0.0	10.0
23	17.2	28.3	22.4	76.5	20.192	17.7	0.0	0.0	0.0	4.5
24	18.0	29.0	23.0	74.2	20.306	17.7	0.0	0.0	0.0	5.4
25	17.5	31.2	23.3	72.1	19.711	17.3	0.0	0.0	0.0	8.5
26	17.5	31.6	23.1	68.6	16.509	16.3	0.0	0.0	0.0	10.6
27	15.6	31.3	22.7	65.8	16.574	14.8	0.0	0.0	0.0	9.2
28	17.4	25.7	21.2	83.1	21.037	18.3	0.0	0.0	0.0	0.7
29	17.2	30.2	22.3	72.3	19.071	16.7	0.0	43.5	43.5	6.7
30	18.0	26.0	20.4	87.9	21.348	18.5	28.3	0.9	29.2	0.0
31	15.0	28.3	21.0	77.3	18.586	16.4	0.0	0.0	0.0	7.0
PROM.	16.8	28.6	21.8	76.5	19.912	17.1	58.7	78.6	137.3	176.4

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	17.4	27.0	20.9	84.6	20.638	18.2	15.5	7.4	22.9	3.0
2	17.6	27.9	22.3	78.8	20.911	18.2	0.0	7.0	7.0	3.6
3	18.0	26.4	20.7	82.4	20.490	17.9	22.1	0.0	22.1	2.5
4	17.0	26.6	20.2	87.9	20.968	18.2	3.2	0.0	3.2	1.8
5	16.8	29.9	21.0	81.3	20.065	17.6	13.0	4.6	17.6	5.7
6	18.8	29.2	22.6	75.8	20.180	17.6	0.0	7.4	7.4	5.4
7	18.0	29.2	22.2	75.6	19.752	17.3	0.0	0.0	0.0	4.9
8	18.5	30.2	23.2	69.5	19.163	16.8	0.0	0.0	0.0	7.2
9	17.5	28.3	21.9	73.1	18.743	16.5	0.0	0.0	0.0	5.6
10	16.0	30.8	23.3	66.9	18.129	15.9	0.0	0.0	0.0	9.7
11	16.6	30.7	24.0	65.9	18.430	16.2	0.0	0.0	0.0	9.7
12	16.4	30.8	23.8	70.2	19.359	17.0	0.0	0.0	0.0	10.1
13	16.3	30.7	24.1	69.3	19.299	16.9	0.0	0.0	0.0	9.6
14	16.0	30.3	23.2	67.0	17.650	15.5	0.0	0.0	0.0	9.4
15	16.7	30.5	22.8	68.1	17.542	15.8	0.0	8.6	8.6	8.8
16	18.2	28.5	22.5	72.9	19.557	17.1	0.0	21.8	21.8	4.4
17	16.2	26.5	21.2	78.2	19.199	16.8	0.0	0.0	0.0	4.5
18	16.9	28.2	21.9	77.0	19.939	17.5	0.0	1.0	1.0	7.6
19	17.7	30.0	21.0	80.1	19.653	17.4	35.8	40.2	76.0	5.3
20	17.8	26.6	21.5	83.6	21.230	18.5	0.3	7.8	8.1	2.3
21	17.4	29.0	20.9	83.1	20.477	17.9	17.8	0.0	17.8	4.4
22	17.6	26.3	21.0	82.3	20.322	17.7	0.7	0.0	0.7	7.7
23	16.5	28.0	22.2	74.3	19.054	16.8	0.0	0.0	0.0	6.1
24	15.5	30.0	22.6	71.7	18.741	16.5	0.0	0.0	0.0	9.0
25	19.0	29.2	22.5	76.7	20.604	18.0	0.0	0.0	0.0	3.7
26	18.7	28.3	21.3	80.5	21.376	18.6	0.4	0.0	0.4	4.2
27	18.9	29.9	23.0	72.7	19.610	17.3	0.0	0.0	0.0	7.5
28	15.7	31.3	21.6	75.8	18.654	16.6	9.5	0.0	9.5	9.3
29	16.8	29.9	22.8	73.1	19.450	17.1	0.0	19.8	19.8	8.5
PROM	17.3	29.1	22.2	75.6	19.673	17.2	118.3	125.6	243.9	181.5

ESTACION: PARAGUAYCITO

MUNICIPIO: BUENAVISTA AÑO: 1.980

ALTITUD: 1.250

LATITUD: 4-24 N.

LONGITUD: 75-43 W.

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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	29.0	22.7	70.3	16.479	16.6	0.0	0.0	0.0	8.4
2	16.0	30.5	22.4	69.4	16.328	16.1	0.6	0.6	1.2	9.3
3	18.5	28.7	22.9	77.5	21.114	18.4	5.3	2.7	8.0	6.4
4	17.7	29.3	22.5	70.6	18.608	16.3	0.0	7.4	7.4	7.5
5	19.0	28.8	21.9	78.1	20.157	17.6	1.1	0.0	1.1	3.5
6	17.0	29.9	22.7	70.4	18.370	16.2	0.0	0.0	0.0	8.0
7	16.9	29.9	23.0	72.1	19.169	16.2	0.0	0.0	0.0	6.6
8	17.4	30.9	23.8	69.2	15.603	17.2	0.0	0.0	0.0	8.5
9	16.5	30.7	24.0	68.3	19.459	17.0	0.0	0.0	0.0	8.7
10	17.8	31.7	24.2	70.2	20.223	17.7	0.0	0.0	0.0	9.1
11	17.6	30.9	24.0	70.6	19.671	17.4	0.0	0.0	0.0	8.3
12	18.4	29.3	22.9	74.5	20.153	17.6	0.0	0.0	0.0	5.9
13	17.9	30.3	24.2	73.6	21.166	18.4	0.0	0.0	0.0	5.6
14	18.7	26.8	22.0	80.6	21.155	18.4	0.0	0.0	0.0	0.0
15	17.6	29.9	23.5	74.4	20.894	18.2	0.0	0.0	0.0	5.3
16	18.6	30.8	24.0	71.3	20.563	18.0	0.0	0.0	0.0	6.0
17	18.6	28.2	22.7	77.4	21.056	18.3	0.0	0.3	0.3	1.9
18	18.6	27.5	21.2	80.5	19.661	17.4	0.0	5.5	5.5	2.7
19	18.5	27.3	22.3	78.8	20.664	18.0	2.1	0.0	2.1	2.6
20	17.4	30.9	22.9	70.1	18.606	16.4	0.0	0.0	0.0	7.7
21	15.7	28.9	21.8	71.5	17.669	15.7	0.0	0.0	0.0	4.9
22	18.4	28.5	22.8	79.5	21.750	18.9	0.0	0.0	0.0	2.2
23	17.5	30.6	23.7	68.2	15.484	17.1	0.0	0.0	0.0	6.5
24	16.4	34.0	24.7	66.3	19.082	16.2	0.0	0.0	0.0	9.4
25	19.8	29.9	23.9	76.5	22.463	19.4	0.0	0.0	0.0	3.9
26	19.6	31.0	23.2	76.7	21.425	18.6	0.0	0.0	0.0	5.2
27	17.2	33.3	25.1	67.6	20.104	17.6	0.0	0.0	0.0	9.8
28	18.2	33.4	25.0	67.6	20.271	17.0	0.0	0.0	0.0	9.1
29	17.9	32.6	24.3	67.8	19.346	17.0	0.0	0.0	0.0	8.1
30	20.8	28.8	23.3	75.3	21.413	18.6	0.0	0.2	0.2	1.4
31	18.0	32.0	23.7	74.0	21.058	18.3	0.0	0.0	0.0	7.2
PROM.	17.9	30.2	23.3	72.9	20.078	17.5	9.5	16.7	26.2	189.7

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	17.9	32.0	24.8	67.1	19.633	17.4	0.0	0.4	0.4	8.0
2	18.7	27.5	21.8	79.9	20.994	18.3	0.1	31.6	31.7	3.3
3	18.6	29.2	22.2	75.7	19.853	17.4	0.0	0.0	0.0	5.3
4	16.4	30.2	21.6	73.1	18.978	16.7	0.6	0.6	1.2	6.7
5	15.4	29.0	22.0	74.9	19.513	17.1	0.0	0.7	0.7	1.7
6	18.4	28.9	21.7	82.4	21.268	18.5	0.3	12.9	13.2	1.7
7	18.0	26.8	20.8	83.0	20.421	17.8	4.6	0.0	4.6	1.5
8	16.3	28.9	21.1	79.7	19.635	17.4	18.9	0.0	18.9	4.5
9	15.9	30.9	23.3	65.3	17.510	15.4	0.0	1.4	1.4	9.7
10	18.2	29.5	22.7	73.3	19.733	17.3	3.7	0.0	3.7	8.2
11	17.5	30.2	22.8	69.7	18.868	16.3	0.0	0.0	0.0	5.1
12	14.5	31.0	21.8	66.2	16.660	14.8	0.0	0.0	0.0	7.6
13	15.5	30.3	23.2	69.4	18.765	16.5	0.0	0.0	0.0	9.5
14	17.3	29.7	22.0	78.7	20.360	17.8	2.7	0.9	3.6	5.2
15	18.3	29.9	22.9	76.9	21.168	16.4	0.0	0.0	0.0	6.8
16	16.3	31.9	23.5	70.5	19.665	17.2	0.0	0.0	0.0	9.2
17	16.5	30.4	23.6	71.4	19.553	17.2	0.0	0.0	0.0	5.9
18	18.7	29.2	23.6	73.4	21.209	18.4	0.0	0.0	0.0	3.6
19	19.0	29.9	23.9	75.8	22.125	19.1	0.0	0.0	0.0	6.9
20	17.5	28.0	22.8	75.5	20.717	18.1	0.0	0.0	0.0	4.7
21	19.6	30.9	23.2	77.0	21.630	18.9	0.0	0.5	0.5	4.3
22	19.5	29.5	22.5	78.3	21.449	18.6	1.8	45.5	47.3	3.3
23	18.6	28.9	23.5	92.3	20.366	17.8	0.0	14.6	14.6	4.8
24	19.5	29.9	23.6	92.3	22.677	19.5	9.5	0.1	9.6	0.4
25	18.6	29.5	22.4	90.9	21.244	18.4	0.6	0.0	0.6	4.2
26	19.0	29.5	22.0	90.7	21.376	18.5	17.3	0.0	17.3	8.0
27	14.5	28.2	21.7	76.1	19.213	16.9	0.0	0.0	0.0	8.1
28	16.2	28.3	19.8	90.2	20.739	18.1	2.5	0.0	2.5	4.6
29	16.8	28.8	22.1	78.5	20.670	17.9	0.0	0.0	0.0	5.2
30	17.7	30.9	23.8	74.2	20.564	18.3	0.0	4.4	4.4	8.1
PROM.	17.5	29.0	22.4	76.5	20.254	17.7	62.6	113.6	176.2	165.6

ESTACION: PARAGUAYCITO
 ALTITUD: 1.220

MUNICIPIO: BUENAVISTA AÑO: 1.980
 LATITUD: ← 24 N. LONGITUD: 75-43 W.

M E S - M A Y O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.5	27.0	21.4	84.6	21.560	19.0	17.8	28.2	46.0	1.7
2	16.6	27.6	21.4	72.4	18.376	16.1	0.0	0.0	0.0	8.1
3	16.4	27.6	21.7	74.1	18.907	16.6	0.0	0.0	0.0	5.3
4	16.3	29.0	21.9	77.2	19.822	17.4	0.0	0.0	0.0	4.8
5	17.7	28.9	22.5	75.0	20.150	17.7	0.0	0.0	0.0	5.1
6	17.8	27.6	22.2	80.3	21.319	18.5	1.8	0.0	1.8	6.4
7	18.8	28.7	23.9	75.9	21.667	18.9	0.1	4.6	4.7	5.1
8	19.5	27.5	21.5	82.5	21.325	18.5	2.5	0.2	2.7	1.5
9	17.9	28.5	23.2	82.3	20.791	18.1	1.3	15.9	17.2	4.5
10	16.5	29.0	23.0	78.3	19.663	17.4	0.0	0.0	0.0	8.3
11	15.4	29.9	23.6	69.7	18.006	16.7	0.0	0.0	0.0	8.9
12	17.0	30.4	23.7	77.2	22.385	19.3	0.0	3.3	3.6	9.5
13	18.2	29.5	22.0	82.0	21.320	18.5	0.0	0.2	0.2	0.0
14	19.4	26.8	22.9	86.0	21.592	18.7	2.2	2.1	3.1	2.3
15	17.8	25.6	22.5	75.7	21.369	18.6	0.0	0.0	0.0	1.6
16	15.6	27.8	22.2	77.7	20.347	17.8	0.0	2.7	2.7	6.6
17	17.9	27.5	21.4	89.0	22.548	19.7	2.2	0.1	2.3	2.6
18	18.2	27.4	21.4	82.7	21.362	18.5	0.0	7.4	11.0	2.9
19	17.5	30.6	23.0	73.9	20.057	17.5	0.0	0.0	0.0	7.7
20	17.2	29.9	23.0	77.4	21.116	18.4	0.0	0.0	0.0	8.4
21	18.0	27.3	22.6	60.5	22.120	19.1	0.0	0.0	0.0	0.7
22	19.3	29.9	24.2	74.0	21.774	18.9	0.0	0.0	0.0	6.4
23	18.5	27.8	23.5	73.4	20.624	18.0	0.0	2.8	2.8	2.5
24	18.9	27.2	21.8	83.3	21.727	18.8	1.6	0.6	1.6	3.7
25	16.5	28.8	21.1	81.1	20.000	17.5	0.4	0.0	0.4	3.0
26	17.5	27.7	21.0	83.7	21.115	18.4	3.9	0.0	3.9	1.7
27	17.2	29.3	23.0	79.1	21.754	18.8	0.0	0.0	0.0	6.0
28	17.3	29.7	23.2	75.6	20.587	18.3	0.0	0.0	0.0	7.7
29	18.0	29.8	21.5	81.1	20.816	18.2	2.9	1.0	3.6	6.1
30	18.6	27.7	22.1	79.6	20.565	18.3	0.3	0.0	0.3	4.6
31	18.6	28.1	21.8	77.3	20.271	17.7	1.5	0.3	1.8	5.1
PROM.	17.7	28.3	22.1	79.1	20.909	18.2	120.7	100.3	221.0	148.2

M E S - J U N I O

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	21.8	19.5	89.0	20.459	17.9	26.7	1.3	28.0	0.0
2	16.8	24.6	18.7	89.4	19.141	16.8	5.3	0.0	5.3	2.2
3	15.4	28.3	21.1	78.6	19.239	16.9	0.0	0.0	0.0	6.6
4	17.7	29.8	22.3	78.2	21.104	18.4	0.0	0.0	0.0	6.4
5	18.0	28.2	22.6	79.4	21.665	18.8	2.0	0.0	2.0	3.2
6	18.9	28.4	22.8	76.0	20.618	18.1	0.0	1.6	1.6	7.6
7	18.5	29.4	23.2	77.4	21.614	18.7	0.0	0.0	0.0	6.3
8	18.3	28.0	22.5	75.8	20.720	18.0	0.0	0.0	0.0	5.5
9	19.2	28.9	23.6	73.4	21.423	18.6	0.2	6.9	7.1	6.0
10	19.4	25.6	21.4	84.2	21.725	18.8	0.7	8.2	8.9	1.0
11	19.4	27.4	21.7	81.0	21.030	18.3	3.7	1.0	4.7	4.8
12	19.3	25.3	20.2	87.9	20.652	18.2	1.1	10.4	11.5	0.8
13	17.7	24.8	20.1	85.1	19.657	17.4	1.3	0.0	1.3	2.1
14	15.3	29.5	21.6	74.2	18.600	16.3	0.0	0.0	0.0	10.7
15	15.6	30.5	23.5	67.9	18.536	16.3	0.0	0.0	0.0	10.6
16	15.6	30.2	22.7	69.9	18.554	16.3	0.0	0.0	0.0	8.3
17	17.5	28.8	21.7	81.6	21.420	18.6	1.3	0.0	1.3	5.1
18	17.8	28.2	22.4	76.2	20.611	18.0	0.0	0.0	0.0	1.9
19	17.6	26.6	21.1	79.2	20.014	17.5	0.0	2.6	2.6	10.9
20	18.6	25.0	20.3	82.7	20.045	17.5	0.0	0.0	0.0	6.9
21	15.5	29.4	22.8	70.4	18.869	16.6	0.0	0.0	0.0	10.1
22	18.8	28.9	22.6	75.5	20.756	18.1	0.0	0.0	0.0	8.9
23	17.0	30.6	23.6	70.0	19.662	17.5	0.1	0.0	0.1	8.4
24	16.6	30.4	23.6	72.8	20.554	17.9	0.0	0.0	0.0	8.3
25	18.8	29.4	23.7	73.9	21.356	18.6	0.0	0.0	0.0	5.7
26	17.7	26.9	21.5	82.6	21.174	18.4	0.0	0.0	0.0	2.1
27	17.7	31.3	23.3	66.5	18.763	16.3	0.0	0.0	0.0	6.9
28	15.0	30.5	23.0	60.7	15.810	13.6	0.0	0.0	0.0	9.2
29	17.0	29.5	23.3	66.2	18.656	16.4	0.0	0.0	0.0	9.1
30	15.7	27.2	21.8	81.1	20.755	16.1	0.0	0.0	0.0	4.9
PROM.	17.5	28.1	22.1	76.9	20.145	17.6	43.3	32.0	75.3	168.8

ESTACION: PARAGUAYCITO

MUNICIPIO: EUENAVISTA AÑO: 1.980

ALTITUD: 1.250

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

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M E S - J U L I O

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	28.4	22.4	75.9	20.013	17.5	0.0	0.0	0.0	4.4
2	17.6	29.0	22.0	75.9	19.406	16.9	0.0	0.0	0.0	6.9
3	16.0	30.6	23.3	64.7	17.810	15.7	0.0	0.0	0.0	9.9
4	15.2	30.8	23.2	65.4	17.378	15.2	0.0	0.0	0.0	10.4
5	15.3	31.8	25.7	47.7	12.558	9.9	0.0	0.0	0.0	9.6
6	14.6	30.9	25.1	51.7	14.267	11.6	0.0	0.0	0.0	6.5
7	16.8	29.5	22.6	68.7	18.086	15.9	0.0	0.0	0.0	7.2
8	15.7	30.2	21.6	76.0	18.575	16.6	0.0	0.0	0.0	6.7
9	16.0	28.4	21.4	79.9	19.737	17.1	0.0	1.6	1.6	6.0
10	17.0	26.6	21.2	81.6	20.159	17.5	0.6	0.1	0.7	2.4
11	16.4	28.2	21.6	69.3	17.627	15.7	0.0	0.0	0.0	5.6
12	17.0	30.2	23.4	69.4	18.873	16.5	0.0	0.0	0.0	7.6
13	17.0	29.7	22.8	68.4	18.470	16.1	0.0	0.0	0.0	5.5
14	15.0	30.9	23.6	65.1	16.928	14.8	0.0	0.0	0.0	8.2
15	16.0	28.5	22.5	71.0	18.502	16.1	0.0	0.0	0.0	6.1
16	14.7	29.4	22.9	70.8	18.227	16.0	0.0	0.0	0.0	8.2
17	16.5	30.5	24.6	56.3	15.324	13.0	0.0	0.0	0.0	8.1
18	16.0	31.9	23.8	87.7	18.600	13.4	0.0	0.0	0.0	8.0
19	14.5	31.1	23.4	66.2	17.623	15.7	0.0	0.0	0.0	7.3
20	17.0	28.7	22.2	69.9	18.324	16.1	12.1	0.0	12.1	4.9
21	18.0	27.5	22.4	71.7	19.285	16.9	0.0	0.0	0.0	3.2
22	15.3	29.7	22.2	66.6	17.049	14.9	0.0	0.0	0.0	5.1
23	16.8	29.8	22.1	76.8	20.015	17.4	0.8	0.6	1.4	6.1
24	16.2	26.5	21.8	49.0	17.808	13.4	0.0	0.0	0.0	3.4
25	14.7	25.7	20.0	78.0	17.554	15.7	0.0	0.0	0.0	4.8
26	14.3	30.2	22.3	73.8	18.680	16.3	0.0	0.0	0.0	6.2
27	17.0	29.0	23.1	72.0	19.621	17.3	0.0	0.0	0.0	5.5
28	17.3	29.0	23.1	77.8	20.621	18.0	0.0	0.0	0.0	5.1
29	16.1	30.0	22.4	47.6	17.034	14.8	0.0	0.0	0.0	7.3
30	15.0	31.0	21.5	73.7	18.050	15.7	1.8	0.0	1.8	9.6
31	17.3	31.6	22.2	74.4	19.538	17.0	0.0	0.0	0.0	4.5
PROM.	16.1	29.6	22.7	69.8	18.091	15.7	15.3	2.3	17.6	200.3

M E S - A G O S T O

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	28.5	23.0	63.8	16.447	14.5	0.0	0.0	0.0	5.6
2	17.0	31.2	22.1	71.5	18.170	15.7	0.0	0.0	0.0	8.5
3	16.0	28.0	22.1	73.9	19.024	16.6	0.0	0.0	0.0	5.9
4	15.0	27.5	20.9	79.2	18.574	16.5	0.5	1.9	2.4	2.2
5	15.8	28.0	21.9	77.7	18.511	16.8	0.9	0.0	0.9	6.5
6	15.8	28.0	21.5	72.1	17.443	15.2	0.0	0.0	0.0	4.8
7	18.0	25.2	20.8	40.0	19.667	17.2	9.9	0.1	10.6	2.4
8	17.0	27.0	20.4	79.8	18.874	16.5	0.8	0.0	0.8	1.5
9	15.2	28.0	22.1	68.7	17.513	15.3	0.0	0.0	0.0	4.3
10	17.2	30.0	23.2	67.6	18.235	16.0	0.0	0.0	0.0	8.0
11	14.4	32.2	24.4	51.4	12.645	10.0	0.0	0.0	0.0	8.9
12	14.0	32.2	24.4	53.2	14.172	11.8	0.0	0.0	0.0	6.5
13	13.0	31.5	22.4	70.0	17.262	15.0	0.0	0.0	0.0	8.4
14	15.6	29.5	23.5	60.9	16.519	14.2	0.0	0.0	0.0	4.7
15	17.0	30.3	22.6	73.2	18.780	16.3	6.4	0.0	6.4	6.0
16	16.5	28.2	22.3	72.6	18.876	16.4	0.0	0.0	0.0	4.9
17	17.0	30.3	22.6	71.4	18.771	16.3	6.0	1.3	7.3	8.7
18	16.0	26.5	22.2	77.5	19.667	17.4	3.3	0.0	3.3	2.2
19	16.0	27.0	23.0	75.2	20.624	18.0	0.6	0.0	0.6	5.2
20	16.6	26.4	20.7	75.6	18.106	15.7	0.2	0.0	0.2	4.5
21	14.0	27.0	21.1	77.4	18.733	16.4	0.0	0.0	0.0	5.9
22	13.0	28.6	21.3	67.3	16.006	13.9	0.0	0.6	0.6	5.9
23	16.0	32.5	22.9	86.9	14.383	11.8	0.0	0.0	0.0	6.4
24	13.0	33.0	20.2	71.6	16.458	14.4	0.0	0.0	0.0	10.0
25	13.6	32.8	23.3	57.5	14.273	12.2	0.0	0.0	0.0	9.1
26	16.3	32.2	24.2	60.2	16.280	14.1	0.0	0.0	0.0	7.7
27	18.2	32.0	25.2	46.2	12.568	9.1	0.0	0.0	0.0	7.7
28	15.3	31.2	24.4	52.8	14.364	12.3	0.0	0.0	0.0	6.2
29	16.7	26.3	20.7	78.3	18.543	16.1	1.6	0.0	1.6	0.8
30	16.4	30.4	22.4	65.3	16.617	14.4	0.0	0.0	0.0	7.9
31	16.0	31.3	22.0	71.9	18.046	15.7	0.2	7.6	8.0	7.4
PROM.	15.7	29.4	22.4	68.4	17.300	14.9	18.4	11.7	30.1	186.7

ESTACION: PARAGUAYCITO

MUNICIPIO: BUENAVISTA AÑO: 1-980

ALTITUD: 1.250

LATITUD: 4-24 N.

LONGITUD: 75-43 W.

152

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	17.2	23.5	20.9	79.3	19.508	17.1	0.5	7.6	8.1	3.4
2	16.4	23.5	21.1	73.9	17.826	15.6	0.0	4.0	4.0	7.5
3	15.0	28.6	22.8	71.6	19.004	16.7	0.0	0.0	0.0	7.1
4	16.3	31.5	22.9	69.7	18.249	15.9	0.0	16.6	16.6	8.4
5	17.0	29.0	21.7	76.3	19.066	16.7	0.0	0.0	0.0	4.3
6	16.2	34.0	24.0	64.4	17.870	15.6	0.0	0.0	0.0	6.7
7	16.5	29.9	23.0	67.9	18.155	15.8	0.0	0.0	0.0	6.1
8	16.3	29.8	22.9	74.6	20.109	17.6	0.0	0.0	0.0	5.6
9	17.3	30.0	23.0	66.6	17.572	15.6	0.0	0.0	0.0	3.4
10	15.0	33.5	24.3	61.2	16.646	14.6	0.0	0.0	0.0	7.3
11	14.5	30.5	22.8	67.0	17.130	15.1	0.0	0.0	0.0	5.7
12	17.4	35.0	22.7	76.9	20.427	17.8	0.0	0.0	0.0	5.1
13	15.2	32.6	20.7	74.0	17.458	15.2	0.0	0.4	0.4	7.2
14	16.0	26.5	20.5	64.7	20.167	17.6	1.8	0.0	1.8	0.7
15	17.6	23.4	20.1	93.4	22.474	19.3	1.1	0.0	1.1	0.0
16	16.8	27.0	21.8	81.5	21.138	18.4	0.0	0.0	0.0	3.9
17	17.2	31.5	21.8	76.1	19.464	17.0	0.6	0.0	0.6	6.6
18	17.4	29.4	22.2	78.2	20.755	18.1	0.3	61.3	61.6	4.7
19	15.7	36.5	20.1	68.4	20.878	18.0	1.5	1.5	3.0	1.0
20	18.4	29.0	22.9	82.3	22.357	15.2	0.0	0.0	0.0	6.5
21	18.4	29.0	21.1	90.4	22.833	15.4	0.0	0.0	0.0	0.7
22	17.0	26.4	20.5	73.4	17.800	15.6	0.0	0.0	0.0	3.2
23	15.9	31.0	21.5	75.5	19.029	16.6	0.0	0.0	0.0	5.6
24	16.0	31.4	23.6	62.8	17.148	14.8	0.0	0.0	0.0	7.2
25	16.2	30.5	21.6	72.6	17.643	15.6	0.0	0.0	0.0	4.3
26	19.0	21.6	20.3	80.3	20.618	17.5	2.3	0.0	2.3	5.3
27	18.0	25.7	23.3	70.8	15.413	16.5	0.0	11.5	11.5	5.5
28	18.0	26.6	20.5	75.1	18.352	16.1	3.2	3.2	7.0	2.2
29	18.5	30.0	23.1	67.4	16.633	15.7	0.0	20.0	20.0	6.6
30	17.0	28.0	21.6	75.0	18.668	16.5	0.0	0.0	0.0	4.6
PROM.	16.8	29.1	22.1	75.1	19.211	16.7	11.9	126.1	138.0	147.8

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	17.3	27.3	22.5	72.7	19.038	16.7	0.0	0.0	0.0	3.3
2	16.0	29.7	22.0	78.2	20.260	17.5	0.7	0.0	0.7	7.0
3	18.2	29.0	21.5	78.7	19.540	17.5	0.0	21.7	21.7	5.1
4	17.4	26.3	21.1	82.1	20.259	17.6	0.0	5.8	5.8	0.9
5	17.5	27.0	19.9	84.2	19.639	17.2	21.4	43.2	64.6	3.5
6	17.0	25.4	19.7	87.9	20.160	17.6	2.5	20.1	22.6	1.5
7	15.7	25.6	19.6	82.6	18.662	16.3	4.5	1.5	6.0	2.4
8	15.0	27.0	20.2	60.0	16.337	16.0	0.0	1.0	1.0	6.2
9	15.6	28.3	21.5	74.7	18.575	16.3	0.0	6.6	6.6	5.2
10	17.1	23.2	19.8	80.9	16.654	16.2	2.3	0.0	2.3	0.7
11	15.0	27.8	21.9	70.0	17.474	15.4	0.0	6.0	6.0	6.7
12	17.6	28.2	21.6	74.7	18.617	16.3	0.4	0.0	0.4	4.7
13	16.0	33.3	23.0	71.0	16.665	16.2	0.0	0.0	0.0	8.0
14	17.0	28.5	21.1	76.0	18.318	15.9	0.0	0.0	0.0	5.9
15	17.0	28.2	20.4	78.1	16.311	16.0	0.0	0.0	0.0	3.9
16	16.4	27.5	20.5	83.0	20.375	17.8	1.9	6.0	7.9	5.7
17	17.0	23.0	19.0	89.5	20.068	17.6	20.1	0.0	20.1	0.3
18	17.6	21.7	20.6	86.2	20.453	18.1	0.2	0.5	0.7	0.3
19	17.8	28.3	22.0	73.2	16.783	16.4	0.0	4.9	4.9	3.9
20	17.1	25.0	19.2	88.3	19.551	17.5	15.9	0.0	15.9	4.2
21	14.5	29.0	20.8	78.9	16.722	16.4	0.0	0.0	0.0	8.5
22	15.5	25.5	22.7	77.8	20.662	16.1	0.0	0.0	0.0	8.4
23	18.0	28.0	21.5	63.4	21.265	18.5	0.0	0.0	0.0	2.8
24	16.5	29.4	22.0	79.2	20.331	17.9	0.8	0.0	0.8	7.5
25	17.4	29.0	21.0	83.9	21.162	18.4	0.9	0.3	1.2	4.5
26	17.5	27.3	22.5	81.8	21.548	15.0	0.0	0.0	0.0	2.6
27	17.7	27.5	22.4	82.1	22.008	15.0	0.6	0.0	0.6	3.8
28	17.2	29.5	23.1	73.2	19.537	17.3	0.0	7.0	7.0	7.4
29	17.5	22.6	19.9	88.5	20.661	18.2	8.6	0.0	8.6	0.0
30	15.4	28.5	21.4	71.7	17.252	14.9	0.0	0.0	0.0	8.6
31	17.6	29.8	21.4	79.1	15.663	17.1	0.6	0.0	0.6	5.9
PROM.	16.8	27.3	21.2	79.7	19.652	17.1	81.4	124.6	206.0	139.4

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	29.6	22.2	76.0	19.626	17.1	0.2	3.1	3.3	8.6
2	18.0	26.2	21.8	83.2	21.477	18.6	0.3	0.0	0.3	2.2
3	18.0	28.5	21.8	77.1	20.367	17.8	30.0	0.1	30.1	5.8
4	16.8	28.5	21.6	82.8	21.253	18.4	0.0	35.6	35.6	5.0
5	15.0	26.8	20.3	81.4	19.151	16.7	11.9	0.4	12.3	2.6
6	16.9	28.0	21.4	72.8	18.068	15.9	6.6	0.0	6.6	4.1
7	16.3	28.3	21.3	78.1	19.273	16.6	0.2	8.9	9.1	5.6
8	17.3	28.3	21.5	75.2	18.526	16.1	0.0	0.0	0.0	7.5
9	14.6	26.0	21.1	70.2	16.666	14.8	0.0	0.0	0.0	10.8
10	17.5	29.0	22.9	66.1	16.034	15.8	0.0	0.0	0.0	7.8
11	16.5	29.2	22.6	75.3	20.315	17.7	0.0	1.7	1.7	5.1
12	16.3	25.0	20.9	80.9	20.222	17.6	1.8	0.0	1.8	0.3
13	15.5	26.9	20.6	82.7	19.503	17.4	10.1	2.9	13.0	2.5
14	17.0	25.0	20.1	84.5	19.642	17.4	3.9	0.0	3.9	2.7
15	17.0	27.5	21.1	79.6	19.637	17.1	0.4	38.2	38.6	3.7
16	16.0	26.4	20.8	79.6	19.268	16.9	0.1	0.0	0.1	4.6
17	15.4	29.1	19.8	79.4	18.134	15.9	11.6	0.0	11.6	6.2
18	16.7	26.9	20.6	84.1	20.756	18.1	0.7	0.0	0.7	3.5
19	15.6	28.5	21.1	77.7	19.043	16.7	0.0	0.0	0.0	5.9
20	16.8	28.5	22.1	72.6	18.617	16.3	0.0	1.3	1.3	6.4
21	17.9	26.8	21.8	81.7	21.170	18.4	0.0	0.0	0.0	2.8
22	18.2	27.1	21.8	79.5	20.705	18.0	0.0	10.0	10.0	4.1
23	18.5	25.0	21.7	79.8	20.319	17.7	0.1	32.7	32.8	3.7
24	18.3	28.8	20.7	88.0	21.567	16.7	2.2	0.0	2.2	3.3
25	16.4	28.0	22.5	77.1	20.415	17.8	0.0	14.3	14.3	5.7
26	18.4	26.3	21.0	81.1	20.251	17.7	0.0	0.0	0.0	2.9
27	17.0	28.3	22.0	84.0	22.257	19.2	0.0	0.0	0.0	5.0
28	17.0	27.6	22.4	71.0	18.674	16.6	0.0	0.0	0.0	5.5
29	18.4	25.7	20.5	91.5	22.373	19.3	11.4	0.0	11.4	1.8
30	16.0	28.5	21.1	77.0	16.651	16.3	0.0	0.0	0.0	5.2
PROM.	16.9	27.5	21.4	79.0	19.837	17.3	91.5	149.2	240.7	141.1

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	17.7	25.0	19.3	95.6	21.414	16.6	18.2	0.0	18.2	1.4
2	14.0	29.0	22.1	81.5	21.232	18.4	0.0	0.6	0.6	8.4
3	18.0	27.7	21.0	82.2	20.566	18.0	2.2	20.2	22.4	2.9
4	16.0	28.5	21.5	82.0	20.505	18.2	0.0	0.0	0.0	4.9
5	15.9	28.5	22.3	79.6	20.632	18.0	0.0	0.0	0.0	5.1
6	15.8	29.5	21.6	83.2	21.252	18.4	0.0	0.0	0.0	5.6
7	17.7	27.7	22.0	83.4	21.469	18.5	0.0	0.0	0.0	3.4
8	17.5	24.0	21.0	88.5	22.245	19.2	0.0	2.6	2.6	0.0
9	18.0	26.3	21.7	84.1	21.657	18.9	0.0	0.0	0.0	2.7
10	15.4	29.0	22.2	82.5	21.670	18.7	0.0	0.0	0.0	7.6
11	16.5	29.0	22.5	81.6	22.126	19.1	0.0	0.0	0.0	7.1
12	16.8	28.2	21.8	76.2	19.272	16.6	0.0	12.9	12.9	6.7
13	17.4	27.5	21.1	76.4	18.546	16.2	0.0	0.1	0.1	4.7
14	15.4	28.8	22.1	73.1	16.544	16.2	0.0	57.6	57.6	8.0
15	16.2	27.5	21.0	78.4	19.162	16.7	0.3	0.0	0.3	5.9
16	15.0	27.9	20.9	60.2	19.352	17.0	0.0	0.0	0.0	3.1
17	17.0	23.7	19.1	85.1	18.770	16.4	0.0	4.1	4.1	0.5
18	16.2	27.3	21.4	70.2	17.146	14.9	0.0	0.4	0.4	6.5
19	18.0	28.7	21.9	67.9	17.134	14.9	0.0	18.3	18.3	6.4
20	17.6	28.4	21.2	76.1	18.770	16.4	0.4	2.0	2.4	5.8
21	17.4	27.5	21.5	72.4	18.342	16.0	0.0	0.0	0.0	5.1
22	17.0	27.8	21.6	76.7	19.122	16.7	0.0	0.0	0.0	5.2
23	16.5	28.0	21.9	79.5	17.565	15.4	0.0	0.0	0.0	4.6
24	16.4	28.0	22.7	65.4	20.116	17.5	0.0	2.2	2.2	6.4
25	16.6	23.6	19.3	84.1	19.421	17.0	25.3	0.1	25.4	1.2
26	14.5	28.0	20.4	74.1	17.023	14.8	0.0	0.9	0.9	5.2
27	16.5	28.0	21.7	71.8	17.528	15.6	0.0	2.1	2.1	7.4
28	15.5	27.2	20.8	76.6	18.610	16.2	1.6	0.5	2.1	5.4
29	15.3	27.8	21.8	72.2	18.000	15.6	0.0	0.0	0.0	6.6
30	17.5	24.1	19.8	82.1	18.775	16.4	0.0	18.6	18.6	0.5
31	16.0	24.5	19.0	82.9	18.105	15.5	0.0	0.0	0.0	1.5
PROM.	16.5	27.3	21.2	78.6	19.528	17.0	48.0	143.2	191.2	153.9

ESTACION: PARAGUAYCITO

MUNICIPIO

BUENAVISTA

AÑO:

1.980

ALTITUD: 1.250

LATITUD:

4-24 N.

LONGITUD: 75-43 W.

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MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto roco °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.8	28.6	21.8	14.7	31.6	76.5	19.512	17.1	137.3	12	176.4
FEBRERO	17.3	29.1	22.2	15.5	31.3	75.8	19.673	17.2	243.6	16	181.5
MARZO	17.9	30.2	23.3	15.7	34.0	72.6	20.078	17.5	26.2	9	189.7
ABRIL	17.5	29.0	22.4	14.5	32.0	76.5	20.254	17.7	176.2	18	165.8
MAYO	17.7	28.3	22.1	15.4	30.6	79.1	20.909	18.2	221.0	21	148.2
JUNIO	17.5	28.1	22.1	15.0	31.3	76.9	20.145	17.6	75.3	13	165.8
JULIO	16.1	29.6	22.7	14.3	31.9	69.5	18.091	15.7	17.6	5	200.3
AGOSTO	15.7	29.4	22.4	13.0	33.0	68.4	17.300	14.9	30.1	12	186.7
SEPTIEMBRE	16.8	29.1	22.1	14.5	34.0	75.1	19.211	16.7	136.0	13	147.8
OCTUBRE	16.8	27.3	21.2	14.5	30.3	79.7	19.652	17.1	206.0	22	139.4
NOVIEMBRE	16.9	27.5	21.4	14.6	25.6	79.0	19.837	17.3	240.7	21	141.1
DICIEMBRE	16.5	27.3	21.2	14.0	25.5	78.9	19.528	17.0	191.2	16	153.9
PHOMEDIQ	17.0	28.6	22.1	14.6	31.6	75.7	19.516	17.0			
TOTAL									1703.5	180	1996.6

ESTACION: INGENIO SAN FRANCISCO

MUNICIPIO: LA VIRGINIA AÑO: 1.980

1.980

ALTITUD: 1.000

LATITUD: 4-54 N.

LONGITUD: 75-54 W.

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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	33.2					0.0	0.0	0.0	9.6
2	19.0	33.0	25.0	74.6	23.440	20.0	0.0	6.5	6.5	7.7
3	19.5	33.0	24.5	79.2	23.660	20.2	0.0	0.0	0.0	6.5
4	19.5	32.0					0.0	1.5	1.5	7.7
5	18.5	31.0	24.0	77.5	22.762	19.6	0.0	4.4	4.4	5.5
6	19.0	32.0					0.0	0.0	0.0	8.5
7	18.5	32.0					0.0	0.0	0.0	9.6
8	20.0	35.0					0.0	0.0	0.0	8.3
9	18.5	35.0					0.0	0.0	0.0	9.7
10	19.0	33.0					0.0	0.0	0.0	7.6
11	19.5	33.0					0.0	0.0	0.0	6.9
12	19.0	35.0	26.1	68.7	22.370	19.2	0.0	0.0	0.0	5.4
13	19.5	34.0	26.7	67.6	22.512	19.7	0.0	0.4	0.4	4.8
14	19.5	29.0					0.0	0.0	0.0	0.0
15	19.0	32.0					0.0	0.0	0.0	1.9
16	18.5	30.0					0.0	0.0	0.0	5.6
17	19.0	32.0	24.7	77.1	23.764	20.3	0.0	0.6	0.6	8.2
18	18.5	31.0					0.5	0.8	1.3	4.1
19	18.0	30.0					0.0	8.1	8.1	5.0
20	18.0	33.0					0.0	0.0	0.0	9.4
21	16.0	34.0	25.9	65.0	19.558	17.5	0.0	0.0	0.0	9.4
22	18.0	31.0					0.0	0.0	0.0	5.0
23	18.0	33.0					0.0	0.0	0.0	9.2
24	17.0	33.0					0.0	0.0	0.0	2.2
25	17.0	31.0					1.4	0.0	1.4	8.9
26	17.5	35.0					0.0	0.0	0.0	7.2
27	19.5	36.0	28.5	63.8	23.067	19.7	0.0	0.0	0.0	9.0
28	18.0	36.0	27.2	65.0	22.713	19.5	0.0	0.0	0.0	7.7
29	18.0	36.0	25.5	70.5	23.250	19.9	27.3	5.2	32.5	7.5
30	20.0	28.0	24.4	82.5	25.455	21.4	1.1	0.0	1.1	4.1
31	19.5	35.5	27.8	69.4	24.520	21.0	0.0	0.0	0.0	9.0
PROM.	18.6	33.2					30.3	27.5	57.8	200.8

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	20.0	35.5	27.0	66.9	23.381	20.0	0.0	8.9	8.9	6.4
2	19.9	33.0					0.0	18.3	18.3	7.3
3	19.8	32.0	25.4	67.2	21.755	18.9	0.0	0.0	0.0	6.0
4	19.5	32.0	24.7	74.5	23.065	19.8	0.0	0.0	0.0	7.5
5	18.5	32.0					0.0	10.5	10.5	6.1
6	18.5	40.0	25.1	71.0	22.648	19.6	0.7	18.4	19.1	3.2
7	19.0	25.0	22.5	83.0	22.550	19.4	0.0	0.0	0.0	2.3
8	19.0	26.5	23.2	79.5	22.363	19.3	0.0	0.0	0.0	3.4
9	18.0	22.0					0.0	0.0	0.0	8.9
10	17.0	33.0	25.3	65.0	21.060	18.3	0.0	0.0	0.0	7.4
11	17.2	32.0	23.4	76.0	21.166	18.4	0.0	0.0	0.0	6.8
12	17.5	34.0	24.0	65.6	18.544	16.3	0.0	0.0	0.0	10.0
13	15.5	32.0					0.0	0.0	0.0	6.2
14	18.5	31.0	24.3	69.2	20.335	17.6	0.0	2.2	2.2	3.4
15	20.0	32.0	24.2	71.4	21.157	18.4	0.0	0.0	0.0	9.6
16	17.0						0.0	0.0	0.0	7.0
17	17.5	32.0	25.0	67.2	21.252	18.4	0.0	0.0	0.0	4.3
18	18.5	33.0	24.6	70.5	21.453	18.6	0.0	0.0	0.0	3.5
19	19.0	35.0					0.0	0.0	0.0	9.1
20	19.0	35.0	24.6	73.5	22.118	19.1	0.0	0.0	0.0	6.8
21	19.0	24.6	24.6	72.2	22.161	19.1	1.5	0.0	1.5	6.2
22	19.0	22.0	25.1	75.5	24.370	20.7	2.8	2.2	5.0	5.4
23	20.5	32.5	24.8	75.7	23.753	20.2	0.0	0.0	0.0	5.7
24	19.5	27.0	22.0	83.0	21.645	18.9	6.2	0.0	6.2	0.3
25	20.6	29.0	23.2	78.0	22.655	19.5	0.0	0.0	0.0	4.8
26	19.0	30.0	24.8	73.4	23.171	19.6	0.0	5.0	5.0	6.8
27	17.5	31.0					0.0	0.0	0.0	6.6
28	18.0	30.0					0.0	2.0	2.0	8.4
29	18.5	32.0	24.2	77.0	22.800	19.6	0.0	0.0	0.0	5.4
30	20.0	38.0					0.0	8.6	8.6	8.2
PROM.	18.7	31.9					11.2	106.6	117.8	185.0

M E S - M A Y O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	20.5	29.5					5.6	20.7	26.3	4.9
2	18.5	29.0					0.0	0.0	0.0	2.4
3	20.0	32.0					0.0	0.0	0.0	8.4
4	19.0	34.0					0.0	0.0	0.0	8.5
5	17.0	32.0	25.0	76.9	24.332	20.6	0.0	0.0	0.0	10.2
6	19.5	30.0					0.0	8.3	8.3	3.5
7	20.0						1.8	0.2	2.0	7.2
8	19.5	29.0	23.7	81.8	24.003	20.4	0.0	7.9	7.9	7.3
9	20.0	31.0					0.0	0.0	0.0	5.4
10	19.0						0.0	0.0	0.0	6.1
11	18.0	32.0	24.7	77.7	24.056	20.5	0.0	0.0	0.0	3.4
12	18.0	33.0	25.1	76.8	24.346	20.5	0.0	11.2	11.2	3.6
13	19.3	29.0	24.2	82.4	24.440	20.6	0.0	0.0	0.0	6.8
14	19.5	29.3	22.6	86.6	23.667	20.4	5.7	5.0	10.7	3.2
15	19.0	28.6	22.4	84.2	23.270	19.9	25.2	0.0	25.2	0.1
16	18.3	31.0	27.3	67.5	23.038	19.8	0.0	0.0	0.0	3.8
17	19.0	29.6	26.8	70.3	23.313	19.9	0.0	0.0	0.0	3.7
18	19.0	30.0	23.2	77.6	23.065	19.0	3.6	0.3	3.9	3.2
19	18.0	30.6	27.6	69.9	23.519	20.4	0.0	0.0	0.0	9.1
20	18.3	32.0	24.1	73.8	22.786	19.5	0.0	1.1	1.1	7.7
21	18.0	31.0	24.9	71.4	21.587	18.7	0.0	0.0	0.0	0.1
22	18.0	31.2	28.0	69.4	24.708	20.9	0.0	0.3	0.3	7.6
23	18.2	30.0	27.4	68.6	23.272	19.9	0.0	1.1	1.1	6.2
24	18.0	30.5	27.4	80.4	23.208	19.9	0.0	0.0	0.0	4.6
25	17.0	30.5	27.3	71.5	23.558	20.4	5.0	6.7	11.7	5.2
26	17.1	31.0	25.3	71.7	22.720	19.5	0.0	0.7	0.7	2.3
27	18.0	30.0	26.5	71.3	22.521	19.7	0.0	0.0	0.0	7.4
28	19.0	33.0	26.5	64.9	23.107	19.1	0.0	0.0	0.0	8.6
29	17.0	31.5	24.8	74.3	23.302	19.9	0.0	1.1	1.1	7.4
30	17.0	32.0	25.1	74.7	23.028	19.7	0.0	7.2	7.2	6.8
31	17.1	31.0	27.4	66.6	22.248	19.1	0.0	5.9	5.9	8.1
PROM.	18.5	30.8					46.9	77.7	124.6	74.8

M E S - J U N I O

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	28.7	22.7	85.0	23.550	20.2	9.0	1.3	10.3	0.4
2	17.0	28.0	21.7	88.1	22.641	19.5	4.9	0.0	4.9	6.2
3	17.0	31.0	23.1	83.5	23.154	19.8	0.0	0.0	0.0	3.7
4	18.0	32.3	25.0	79.6	24.708	20.9	0.0	0.0	0.0	3.0
5	19.5	31.0	24.8	81.1	25.042	21.1	0.0	18.8	18.8	8.8
6	19.0	30.5	24.1	81.3	24.109	20.5	0.0	0.0	0.0	8.5
7	18.0	32.8	25.0	78.7	24.458	20.7	0.0	0.0	0.0	6.2
8	18.0	31.5	24.8	76.6	23.489	20.1	0.0	0.0	0.0	5.6
9	20.0	30.5	22.7	83.0	23.517	20.1	21.5	7.0	28.5	5.6
10	19.5	29.0	23.1	79.1	22.356	19.2	0.1	1.8	1.9	2.6
11	20.0	30.0	22.3	78.0	21.477	18.6	0.0	7.7	7.7	4.1
12	18.0	28.0	21.6	82.1	21.366	18.5	3.8	27.4	31.2	0.0
13	18.0	26.0	21.0	87.0	21.786	18.8	0.2	0.0	0.2	6.4
14	17.0	31.0	22.9	77.7	21.582	18.7	0.0	0.0	0.0	11.0
15	16.0	32.5	24.1	79.5	23.287	19.9	0.0	0.0	0.0	10.9
16	16.0	33.0	25.9	73.1	24.061	20.5	0.0	0.0	0.0	7.6
17	18.0	32.0	24.4	73.2	22.026	19.0	0.1	2.0	2.1	7.2
18	18.0	30.5	23.8	81.3	24.035	20.6	1.4	2.2	3.6	6.5
19	19.5	29.5	22.4	82.3	22.892	19.6	24.0	0.8	24.8	3.1
20	19.0	29.5	21.7	82.6	22.173	19.1	3.2	0.0	3.2	2.7
21	18.0	27.0	24.3	78.1	23.557	20.2	0.2	0.0	0.2	5.7
22	18.0	29.0	24.0	82.5	24.031	21.0	0.6	0.0	0.6	4.0
23	18.5	29.9	23.9	71.5	23.152	19.8	0.0	0.0	0.0	9.6
24	19.0	29.1	24.7	74.5	22.554	19.7	0.0	0.5	0.5	8.0
25	20.0	25.6	25.6	76.5	24.598	21.1	0.0	0.1	0.1	4.6
26	19.0	22.8	25.4	85.4	23.064	20.1	0.0	0.0	0.0	1.5
27	18.0	33.0	24.7	75.7	23.275	20.0	0.0	0.0	0.0	10.7
28	16.0	33.0	25.3	69.7	21.825	18.7	0.0	0.0	0.0	8.0
29	18.0	32.6	25.5	67.3	21.822	18.5	0.0	0.0	0.0	6.9
30	16.5	29.6	23.8	78.7	23.158	20.0	0.0	2.9	2.9	4.8
PROM	18.1	30.7	23.8	79.1	23.154	19.8	69.0	72.5	141.5	75.9

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	30.5	23.9	72.8	20.833	18.2	1.4	3.8	5.2	6.7
2	17.5	32.5	21.4	85.6	21.727	18.8	0.0	10.4	10.4	7.0
3	17.0	32.0	24.5	74.5	22.038	19.1	0.0	0.0	0.0	9.0
4	18.5	31.0	25.8	71.2	22.422	19.3	0.0	36.1	36.1	8.0
5	18.0	31.0	24.6	72.5	22.052	19.0	0.0	0.0	0.0	5.9
6	16.6	33.3	24.2	73.9	21.432	18.6	0.0	0.0	0.0	8.9
7	17.0	32.0	24.2	71.6	20.532	17.9	0.0	0.0	0.0	7.4
8	16.0	33.0	25.1	69.5	21.565	18.7	0.0	5.7	5.7	7.8
9	17.0	30.6	25.0	79.2	24.520	20.8	0.0	0.0	0.0	5.7
10	16.6	31.0	23.9	77.0	21.672	18.7	0.0	0.0	0.0	6.9
11	15.6	33.6	25.3	70.9	21.222	18.4	0.0	0.0	0.0	9.1
12	19.6	33.0	25.9	73.2	23.707	20.2	0.0	0.0	0.0	7.4
13	17.0	32.0	24.6	67.6	20.621	18.0	0.0	0.0	0.0	5.9
14	18.0	29.1	24.8	77.7	23.484	20.1	0.0	0.0	0.0	0.2
15	18.8	27.6	23.0	79.7	21.552	18.7	1.4	0.0	1.4	0.3
16	17.0	30.1	23.8	73.6	21.155	18.4	0.0	0.0	0.0	5.3
17	19.0	34.0	25.3	71.4	22.154	19.1	0.0	0.0	0.0	8.8
18	17.0	33.0	22.3	81.5	21.606	18.9	35.8	0.0	35.8	7.7
19	18.0	30.3	23.0	85.7	23.595	20.4	0.0	13.0	13.0	6.5
20	18.3	30.0	24.0	78.4	23.452	20.0	0.0	0.0	0.0	7.0
21	19.3	26.5	21.5	87.0	22.466	19.4	6.1	0.0	6.1	1.2
22	18.0	28.6	23.8	79.3	23.174	19.8	0.0	0.0	0.0	3.6
23	16.6	32.0	24.8	74.4	22.657	19.6	0.0	0.0	0.0	7.2
24	17.0	32.0	23.6	67.6	21.725	18.2	0.0	0.0	0.0	8.2
25	19.0	33.0	25.3	73.2	23.056	19.8	0.0	0.0	0.0	8.8
26	19.0	31.0	24.6	71.0	21.222	18.6	0.0	0.0	0.0	5.3
27	18.6	32.3	25.2	69.5	21.251	18.9	0.0	0.0	0.0	8.3
28	18.0	29.0	23.0	75.4	21.127	18.3	0.0	0.0	0.0	3.7
29	20.0	32.1	24.6	71.7	21.503	18.7	0.0	8.5	8.5	7.9
30	19.0	31.0	24.2	75.1	21.577	19.0	0.0	7.5	7.5	8.4
PROM.	17.8	31.3	24.2	75.1	22.140	19.1	44.7	85.0	129.7	194.1

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	18.0	30.3	23.5	75.0	21.434	18.4	0.0	19.0	19.0	4.3
2	18.6	33.0	24.6	33.6	22.279	19.2	0.0	0.9	0.9	4.2
3	19.0	32.0	24.0	78.5	22.744	19.5	9.0	0.0	9.0	7.6
4	19.0	29.3	22.7	74.0	20.355	17.8	0.0	3.5	3.5	5.1
5	19.0	30.0	23.6	79.7	23.126	19.8	0.0	50.8	50.8	6.3
6	18.6	28.5	21.8	84.6	21.797	18.8	0.0	25.7	25.7	2.2
7	19.0	28.2	22.3	80.7	21.754	18.9	0.0	3.0	3.0	2.0
8	18.0	30.0	23.2	76.6	22.028	19.1	0.0	1.2	1.2	6.9
9	19.6	31.6	24.0	77.2	22.777	19.6	0.0	14.6	14.6	6.8
10	19.0	27.0	22.2	86.6	23.166	19.6	0.0	0.0	0.0	0.0
11	16.6	30.8	23.7	74.3	21.421	18.5	0.0	0.0	0.0	7.3
12	17.6	32.0	23.5	75.7	21.416	18.5	0.0	0.0	0.0	8.3
13	19.0	32.1	25.5	72.3	22.741	19.5	0.0	12.3	12.3	6.4
14	18.7	31.1	23.9	76.4	22.771	19.6	0.0	12.5	12.5	8.9
15	19.5	31.0	23.9	78.2	22.674	19.4	0.0	1.9	1.9	5.9
16	19.0	32.0	24.6	76.9	23.140	19.8	0.0	7.0	7.0	8.2
17	18.2	26.0	21.5	86.6	22.658	19.5	45.5	0.0	45.5	2.6
18	18.0	29.0	22.5	84.0	22.530	19.7	1.0	0.0	1.0	3.1
19	18.0	31.0	24.8	80.2	24.689	20.8	0.0	0.0	0.0	5.9
20	19.0	25.4	20.2	89.7	21.437	18.6	13.0	0.0	13.0	6.5
21	15.0	30.0	23.7	76.4	22.035	18.8	0.0	0.0	0.0	9.9
22	18.4	31.0	24.8	74.2	23.507	20.1	0.0	10.0	10.0	8.0
23	20.0	31.3	24.5	74.0	22.774	19.6	0.0	17.5	17.5	5.8
24	19.3	32.4	24.3	72.0	21.502	18.6	0.0	0.0	0.0	7.6
25	17.3	31.1	24.6	66.5	21.053	18.2	0.0	11.3	11.3	8.4
26	19.1	30.0	23.0	74.3	21.450	18.6	0.4	0.0	0.4	5.7
27	19.5	30.1	24.2	80.0	24.002	20.4	0.0	0.0	0.0	4.5
28	17.0	32.3	24.9	76.2	23.375	20.0	0.0	22.7	22.7	8.2
29	20.0	24.4	21.0	91.8	23.234	19.9	5.4	0.0	5.4	0.0
30	17.0	31.0	23.5	71.8	21.041	18.3	0.0	0.0	0.0	10.4
31	19.5	32.1	23.3	76.2	21.688	18.9	1.4	0.0	1.4	7.5
PROM.	18.5	30.3	23.5	77.9	22.364	19.2	75.7	213.9	289.6	186.3

ESTACION: INGENIO SAN FRANCISCO

MUNICIPIO: LA VIRGINIA AÑO:

1-980

ALTITUD: 1.000

LATITUD: 4-54 N.

LONGITUD: 75-54 W.

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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	31.1	24.1	72.7	21.535	18.6	0.0	1.1	1.1	8.9
2	18.4	28.0	23.2	79.5	22.368	15.3	0.0	0.0	0.0	2.3
3	17.0	30.4	23.2	78.6	22.603	19.4	0.0	1.1	1.1	5.9
4	19.3	30.0	23.2	81.4	23.211	19.9	0.0	0.0	0.0	5.2
5	18.4	26.1	21.8	85.4	22.249	19.2	1.1	0.0	1.1	1.8
6	18.1	29.3	23.0	76.6	21.310	18.5	0.0	0.0	0.0	5.2
7	17.3	30.0	22.4	74.5	20.600	17.7	0.2	1.8	2.0	5.4
8	18.9	30.6	22.5	70.5	18.501	16.5	0.0	0.0	0.0	5.6
9	15.0	30.6	22.6	62.5	17.354	15.3	0.0	0.0	0.0	2.6
10	17.4	31.7	24.3	53.7	16.519	14.3	0.0	0.0	0.0	10.3
11	19.1	31.5	24.0	71.3	20.511	18.2	0.0	0.0	0.0	6.6
12	17.7	27.1	21.8	76.1	19.608	17.4	0.0	0.0	0.0	0.4
13	16.5	29.9	22.5	79.3	21.431	18.6	2.1	21.4	23.5	4.4
14	17.5	27.5	22.1	72.1	19.382	16.9	0.0	33.2	33.2	3.6
15	17.6	28.5	21.3	81.3	20.775	18.1	21.9	27.7	49.6	6.0
16	17.0	29.0	21.0	79.4	19.625	17.1	0.0	0.0	0.0	4.4
17	18.0	31.6	24.8	71.4	22.274	15.2	0.0	0.0	0.0	9.7
18	18.0	30.0	23.0	73.4	20.664	18.0	0.0	0.0	0.0	7.7
19	17.3	31.0	24.3	72.8	21.550	16.7	0.0	4.7	4.7	8.4
20	17.0	31.6	24.8	70.1	21.473	18.6	0.0	0.0	0.0	8.8
21	19.9	30.0	24.5	72.0	22.108	19.1	0.0	3.2	3.2	4.5
22	19.0	30.0	22.4	62.4	17.253	14.7	0.0	5.5	5.5	5.0
23	19.1	25.0	23.4	80.7	22.561	15.7	0.0	4.8	4.8	4.6
24	18.5	29.0	23.1	74.6	21.102	18.3	0.0	0.0	0.0	1.8
25	18.0	31.6	24.2	72.0	21.625	18.7	0.0	9.4	9.4	2.7
26	19.5	30.4	24.0	72.5	21.727	16.8	0.0	0.0	0.0	5.5
27	17.4	31.0	23.5	76.5	22.037	19.0	26.5	0.0	26.5	6.2
28	18.4	32.0	23.9	67.9	19.535	17.4	0.0	3.3	3.3	8.2
29	18.7	30.0	21.2	78.4	20.142	17.6	4.2	0.0	4.2	4.2
30	16.0	30.5	22.7	74.5	20.235	17.7	0.0	6.4	6.4	8.6
PROM.	17.9	30.0	23.1	73.8	20.752	18.0	58.3	125.6	183.9	176.6

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	18.1	29.0	22.5	63.1	22.615	19.5	0.0	0.0	0.0	3.9
2	17.6	29.0	23.8	69.6	20.048	17.5	0.0	0.0	0.0	8.5
3	19.4	31.0	24.3	74.8	22.552	19.5	0.0	11.4	11.4	7.2
4	18.0	30.5	23.4	74.8	21.564	19.0	0.0	2.9	2.9	6.2
5	19.6	31.6	24.1	71.7	20.824	18.1	0.0	0.0	0.0	8.7
6	19.0	31.5	25.1	69.5	21.562	19.0	0.0	0.0	0.0	8.7
7	18.1	22.2	24.1	74.5	21.765	18.8	0.0	0.0	0.0	8.1
8	18.1	29.3	23.7	84.2	24.405	20.7	0.0	0.0	0.0	0.8
9	18.3	31.9	23.8	76.2	22.658	19.5	0.0	0.0	0.0	7.7
10	17.2	31.3	24.9	70.3	21.576	18.7	0.0	0.0	0.0	7.6
11	18.0	31.0	25.1	71.8	22.364	19.3	0.0	0.0	0.0	6.1
12	18.6	30.7	23.7	77.9	22.603	19.5	0.0	5.4	5.4	6.9
13	18.0	30.0	23.0	78.7	21.901	18.9	5.4	0.0	5.4	5.5
14	17.4	31.5	23.4	81.0	23.000	19.7	0.0	35.5	35.5	7.4
15	18.5	30.0	22.5	84.0	23.021	19.7	0.0	0.0	0.0	7.3
16	18.4	32.0	23.6	75.1	21.479	18.6	0.0	1.3	1.3	8.9
17	18.4	27.4	21.0	84.7	21.434	18.6	0.0	0.0	0.0	1.3
18	17.0	30.0	23.3	75.5	21.167	18.4	0.0	1.7	1.7	8.1
19	19.0	30.0	23.3	73.4	21.108	18.3	0.0	0.0	0.0	6.2
20	19.2	30.0	23.3	77.7	22.550	19.4	0.0	0.0	0.0	7.3
21	19.4	30.0	23.3	71.4	20.820	17.9	0.0	0.0	0.0	8.5
22	18.6	31.5	24.4	76.6	22.550	19.7	0.0	0.0	0.0	7.3
23	19.3	32.0	24.6	72.0	21.876	18.5	0.0	0.0	0.0	6.0
24	19.0	32.0	24.6	73.1	22.253	19.2	0.0	2.2	2.2	8.2
25	18.8	32.0	22.8	62.8	23.420	20.0	4.5	5.1	9.6	4.0
26	17.5	30.0	23.1	77.1	21.135	18.2	0.0	0.0	0.0	5.7
27	17.5	30.0	22.7	76.3	20.614	17.9	0.0	0.0	0.0	7.1
28	16.8	28.5	21.2	80.6	20.609	18.0	3.0	0.6	3.6	7.0
29	18.6	30.5	23.5	74.5	20.977	18.2	0.0	11.5	11.5	5.4
30	18.6	30.0	23.2	82.6	23.150	19.8	0.0	49.4	49.4	3.8
31	17.0	29.0	22.1	81.4	21.231	18.4	0.0	0.0	0.0	4.1
PROM.	18.2	30.7	23.5	76.7	21.936	18.9	12.9	127.4	140.3	203.9

ESTACION: EL JAZMIN

MUNICIPIO: STA. ROSA ARD.

1.980

ALTITUD: 1.600

LATITUD: 4-53 N.

LONGITUD: 75-36 W.

M E S - ENERC

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	19.7	86.7	19.927	17.4	11.8	0.0	11.8	3.5
2	15.5	23.0	18.9	85.6	18.857	16.3	3.0	0.0	3.0	6.3
3	15.0	25.6	20.6	78.8	18.864	16.3	0.0	2.4	2.4	5.0
4	15.5	26.5	20.6	78.7	18.876	16.5	0.0	0.0	0.0	4.5
5	15.5	25.8	21.4	77.5	18.453	17.0	0.8	0.0	0.8	5.1
6	15.5	27.8	22.7	70.1	18.260	16.0	0.0	0.0	0.0	8.7
7	15.5	28.4	20.5	78.0	18.530	16.3	0.0	0.0	0.0	8.1
8	14.6	28.2	21.4	73.9	18.564	16.2	0.0	0.0	0.0	9.1
9	15.5	26.7	15.6	63.5	18.492	17.0	0.0	0.0	0.0	5.6
10	14.6	26.6	20.0	79.1	18.434	16.2	2.7	0.0	2.7	6.6
11	15.3	23.2	17.8	91.4	18.466	16.9	10.9	0.0	10.9	2.3
12	13.0	25.8	19.7	79.3	17.723	15.5	0.0	0.0	0.0	7.8
13	15.3	24.3	18.2	92.3	18.427	17.0	8.8	46.6	55.4	3.0
14	15.0	26.2	19.0	82.5	18.105	15.9	10.0	6.9	16.9	3.9
15	14.5	22.0	17.8	90.2	18.470	16.2	1.7	0.0	1.7	0.5
16	15.2	22.0	16.4	89.4	18.850	16.5	0.0	25.0	25.0	1.2
17	14.2	22.3	17.8	83.7	17.056	15.0	5.0	0.0	5.0	1.2
18	14.3	24.6	17.5	83.2	16.816	14.8	8.3	9.5	17.8	3.8
19	14.5	24.0	18.6	85.3	18.259	16.1	1.1	0.0	1.1	0.0
20	13.0	26.8	20.2	77.9	17.878	15.4	0.0	0.0	0.0	9.5
21	14.5	26.0	19.2	64.5	18.759	16.4	0.0	0.0	0.0	3.9
22	14.0	28.6	21.2	72.1	17.671	15.5	0.0	0.0	0.0	9.0
23	14.5	27.3	21.5	77.9	18.418	17.0	0.0	0.0	0.0	5.2
24	15.3	27.3	21.3	75.0	18.413	16.2	0.0	0.0	0.0	6.3
25	15.0	28.5	22.5	71.5	18.401	16.1	0.0	0.0	0.0	8.8
26	15.8	28.3	21.9	68.6	17.013	14.9	0.0	0.0	0.0	5.4
27	16.0	28.9	22.1	73.6	18.408	16.8	0.0	4.0	4.0	9.7
28	16.3	23.3	15.8	88.7	20.235	17.7	0.0	0.0	0.0	1.8
29	16.0	26.8	20.4	78.4	18.888	16.4	0.0	26.3	26.3	3.3
30	16.2	23.0	17.7	91.8	18.057	16.7	24.6	0.0	24.6	0.6
31	13.2	26.0	16.4	85.8	18.056	15.8	0.8	2.3	3.1	6.1
PROM.	15.0	25.8	19.9	81.2	18.571	16.3	85.5	123.0	212.5	155.8

M E S - FERRER

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	23.4	19.3	91.2	20.247	17.7	20.1	0.0	20.1	2.6
2	16.0	25.4	21.2	75.3	18.356	16.2	0.0	1.7	1.7	5.4
3	15.3	25.4	17.1	56.6	18.150	16.7	9.4	0.3	9.7	5.0
4	14.5	23.0	17.5	50.2	16.014	15.8	0.0	0.0	0.0	0.7
5	14.3	27.2	19.9	75.1	16.696	14.5	0.0	1.5	1.5	7.2
6	15.5	26.7	19.0	91.0	18.570	17.5	2.2	0.0	2.2	2.0
7	15.5	28.4	20.7	74.9	18.175	15.9	0.0	0.0	0.0	8.1
8	15.3	27.6	20.4	81.2	18.300	16.8	1.1	2.2	3.3	5.7
9	15.0	26.4	20.5	79.7	18.897	16.5	0.0	0.0	0.0	6.4
10	17.0	27.3	22.2	69.1	17.504	15.8	0.0	0.7	0.7	6.9
11	15.0	28.8	21.3	68.3	18.378	14.3	0.0	0.0	0.0	10.5
12	16.3	29.0	21.4	66.4	18.258	14.2	0.0	0.0	0.0	10.3
13	16.0	29.3	21.8	74.4	18.689	16.5	0.0	0.0	0.0	9.6
14	16.4	28.4	20.3	74.3	17.744	15.6	0.0	0.0	0.0	9.1
15	15.0	28.0	21.7	73.5	18.287	16.1	0.0	19.7	19.7	8.0
16	16.1	24.3	19.6	82.5	18.500	16.2	0.0	19.0	19.0	7.9
17	15.1	25.0	19.6	79.8	17.744	15.6	0.0	1.0	1.0	0.9
18	15.0	25.4	19.5	78.9	17.888	15.5	0.0	1.4	1.4	4.1
19	15.8	25.8	19.5	86.0	19.569	17.1	0.0	2.2	2.2	4.0
20	15.5	24.2	18.7	83.6	18.153	16.0	12.2	0.0	12.2	2.4
21	13.6	25.6	18.6	79.2	16.688	14.7	1.3	0.0	1.3	5.1
22	15.5	25.8	19.7	81.1	18.530	16.3	0.0	0.0	0.0	3.7
23	16.0	27.8	20.8	66.6	16.165	14.1	0.0	0.0	0.0	8.4
24	15.0	26.8	20.8	79.0	18.997	16.6	0.0	0.0	0.0	8.7
25	16.5	23.0	19.3	50.8	20.379	17.8	0.3	0.0	0.3	0.5
26	15.5	25.8	20.3	76.5	17.969	15.8	0.0	0.0	0.0	8.7
27	15.7	27.2	21.4	68.8	17.152	15.1	0.0	4.3	4.3	5.1
28	16.2	28.0	20.1	71.5	18.624	14.5	6.0	0.0	6.0	7.5
29	13.4	24.3	19.7	87.8	18.583	17.4	0.2	0.5	0.7	3.4
PROM.	15.4	26.3	20.1	79.1	18.223	16.0	52.8	54.5	107.3	167.9

ESTACION: EL JAZMIN

MUNICIPIO: STA. ROSA DE C.

1.980

ALTITUD: 1.600

LATITUD: 4-53 N.

LONGITUD: 75-36 W.

162

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	22.0	21.8	72.6	17.447	15.7	0.0	0.0	0.0	6.1
2	15.2	26.8	20.2	74.7	17.060	15.4	0.0	4.0	4.0	6.9
3	16.5	25.3	19.3	79.9	18.124	15.9	0.0	0.0	0.0	3.8
4	15.0	26.0	20.1	79.5	18.314	16.1	0.0	2.4	2.4	6.9
5	15.5	26.8	18.6	87.2	18.703	16.4	0.5	20.0	20.5	2.9
6	14.8	27.3	20.1	79.0	18.151	16.0	0.0	0.0	0.0	7.6
7	15.6	27.7	21.3	67.7	16.837	14.8	0.0	0.0	0.0	7.9
8	17.4	29.5	22.2	69.4	18.417	16.1	0.0	0.0	0.0	7.5
9	15.5	27.3	21.5	73.7	18.351	16.3	0.0	3.0	3.0	6.9
10	16.4	26.1	21.4	76.6	18.355	17.0	0.0	0.0	0.0	5.1
11	17.0	28.3	21.4	80.0	20.204	17.7	0.0	0.1	0.1	6.6
12	16.3	27.8	21.6	78.3	20.062	17.5	0.0	0.0	0.0	6.2
13	16.3	27.4	21.5	79.7	20.060	17.6	0.0	0.0	0.0	4.0
14	17.0	24.0	20.3	91.0	21.657	18.7	0.0	0.0	0.0	7.0
15	16.3	25.1	20.2	79.6	18.551	16.6	0.0	0.0	0.0	2.2
16	16.0	27.6	21.7	76.7	18.534	17.1	0.0	0.0	0.0	4.3
17	16.0	25.8	21.8	78.4	20.045	17.5	0.0	18.3	18.3	2.5
18	14.2	22.0	18.9	69.6	15.566	16.9	0.0	4.1	4.1	1.1
19	15.1	25.0	19.0	59.5	19.654	17.4	0.6	0.1	0.7	6.9
20	16.6	26.6	21.2	74.4	18.613	16.3	0.0	0.0	0.0	6.2
21	14.0	25.2	20.1	71.2	18.771	14.6	0.2	0.0	0.2	6.2
22	15.0	26.3	20.0	80.0	18.466	16.2	0.4	5.0	5.4	2.7
23	15.0	26.5	21.4	76.1	18.462	16.5	0.0	0.0	0.0	6.6
24	15.0	29.9	21.8	73.1	18.216	16.0	0.4	0.2	0.6	7.9
25	15.0	24.2	19.8	86.0	18.652	17.4	0.4	0.0	0.4	1.4
26	15.5	27.2	22.2	76.4	18.559	17.2	0.0	0.0	0.0	6.1
27	17.0	29.5	22.2	70.6	18.554	17.1	0.0	0.0	0.0	10.5
28	16.7	29.6	22.8	76.7	20.022	18.0	0.0	0.0	0.0	5.5
29	16.5	28.4	22.8	77.6	20.118	18.1	0.0	0.0	0.0	7.1
30	17.5	24.5	18.3	93.4	20.346	17.8	2.6	0.0	2.6	8.7
31	15.2	26.6	22.0	71.4	17.542	15.8	0.0	0.0	0.0	1.0
PROM.	15.8	26.8	21.0	78.4	18.011	16.7	5.5	72.2	77.7	163.4

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	15.6	27.0	21.8	75.5	19.541	17.1	0.0	43.2	43.2	5.7
2	14.4	24.3	19.0	88.0	19.251	16.9	0.0	18.1	18.1	3.7
3	15.6	25.0	18.6	84.0	18.355	16.2	1.4	0.0	1.4	3.1
4	14.5	27.3	18.5	75.4	18.465	14.5	5.8	0.1	5.9	6.9
5	14.8	27.3	18.9	78.9	18.505	16.2	0.9	0.0	0.9	6.9
6	15.5	23.8	18.1	87.1	18.552	17.1	1.5	17.7	19.2	2.3
7	15.2	24.3	18.3	89.1	18.620	17.3	12.4	4.0	16.4	1.7
8	15.0	24.3	18.1	82.1	18.451	17.0	6.7	0.0	6.7	1.0
9	14.2	26.8	18.5	75.5	17.670	15.7	0.0	0.0	0.0	8.4
10	15.5	26.0	20.2	78.8	18.545	16.3	0.0	0.0	0.0	5.8
11	14.0	26.3	18.4	71.8	16.152	14.2	0.0	0.0	0.0	11.2
12	13.0	27.1	20.8	67.0	15.365	12.1	0.0	0.0	0.0	6.7
13	14.5	27.0	20.1	75.4	17.551	15.4	0.0	0.0	0.0	6.0
14	16.0	24.6	20.5	75.9	17.675	15.4	0.0	0.5	0.5	6.6
15	15.5	27.6	21.2	77.1	16.804	16.5	0.6	0.0	0.6	7.4
16	15.0	23.6	21.2	76.4	18.066	16.7	0.0	0.0	0.0	7.4
17	15.5	26.2	19.6	82.1	18.225	16.5	1.9	1.1	3.0	5.5
18	17.5	28.8	22.4	74.0	19.461	17.0	0.0	1.2	1.2	7.5
19	17.3	28.2	21.2	73.7	18.332	16.0	3.8	0.0	3.8	8.5
20	16.1	28.1	21.5	67.6	18.759	14.6	0.0	1.0	1.0	5.5
21	16.5	27.2	20.7	80.6	18.151	17.3	7.8	0.0	7.8	4.6
22	16.5	27.2	19.7	84.1	18.246	17.3	0.5	8.2	8.7	2.7
23	15.3	26.0	20.0	84.7	20.111	17.5	0.0	7.4	7.4	6.6
24	14.8	26.0	20.0	86.0	18.422	16.2	8.0	0.3	8.3	0.0
25	13.8	26.0	20.0	88.0	18.436	17.0	0.2	0.6	0.8	4.4
26	16.3	26.6	20.7	87.4	18.565	16.6	1.2	0.0	1.2	2.2
27	13.3	27.0	20.0	73.3	17.478	15.3	0.0	0.0	0.0	9.6
28	15.4	26.6	20.0	86.0	17.500	15.8	0.2	0.2	0.4	5.1
29	15.2	26.6	20.0	76.6	18.000	16.1	0.0	0.0	0.0	4.4
30	17.2	26.5	21.0	76.7	18.546	14.2	0.0	2.6	2.6	7.5
PROM	15.3	26.0	20.0	80.1	18.522	16.2	52.9	106.4	159.3	168.7

ESTACION: EL JAZMIN

MUNICIPIO: STA. ROSA DE C.

1.980

ALTITUD: 1.600

LATITUD: 4-53 N.

LONGITUD: 75-36 W.

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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	15.4	24.1	18.4	88.1	19.056	16.7	43.0	0.0	43.0	1.2
2	15.0	24.5	19.2	84.6	18.607	16.3	0.0	0.0	0.0	3.5
3	16.0	25.0	19.2	78.6	17.712	15.5	0.0	0.0	0.0	3.4
4	14.3	28.0	20.2	68.0	15.605	13.6	0.0	0.0	0.0	5.5
5	15.5	25.2	19.6	89.0	20.527	17.8	0.0	0.7	0.7	6.0
6	15.5	25.2	19.8	84.5	19.389	17.0	0.0	0.0	0.0	4.5
7	16.0	24.2	19.0	88.0	19.317	17.0	16.2	0.4	16.6	3.1
8	16.0	21.4	17.7	94.3	19.115	16.8	2.5	0.3	2.8	0.8
9	15.0	25.2	19.0	84.7	18.667	16.4	15.1	17.0	32.1	4.2
10	14.1	25.4	19.4	80.1	17.701	15.6	0.0	0.0	0.0	6.1
11	14.8	28.9	21.7	80.0	20.300	17.6	0.0	0.0	0.0	8.6
12	16.5	27.1	20.4	81.8	19.608	17.2	11.4	6.6	18.0	5.8
13	15.5	22.4	18.2	90.4	19.319	16.9	0.5	38.9	39.4	0.0
14	15.2	21.0	17.5	92.5	18.548	16.7	17.6	11.5	29.1	0.1
15	14.8	22.3	15.6	93.4	18.554	14.6	4.8	0.0	4.8	1.5
16	13.5	26.6	19.4	84.5	18.534	16.6	1.6	0.0	1.6	5.5
17	16.4	25.1	19.5	84.8	19.134	16.8	17.5	0.0	17.9	1.8
18	15.6	22.0	17.6	94.0	18.524	16.6	14.0	0.0	14.0	1.2
19	15.1	27.2	19.8	76.0	16.527	14.5	0.0	0.0	0.0	7.8
20	16.0	28.5	20.1	81.1	19.032	16.7	1.3	0.0	1.3	5.8
21	16.2	25.4	20.2	87.6	20.682	18.0	0.0	0.0	0.0	0.7
22	15.8	25.1	20.4	84.3	20.162	17.7	0.0	0.1	0.2	4.2
23	15.8	24.2	19.6	90.6	20.565	17.9	0.0	0.4	0.4	1.7
24	16.4	24.0	18.6	86.5	18.504	16.3	1.3	0.3	1.6	2.6
25	15.3	23.1	17.9	93.2	19.168	16.8	8.2	0.0	8.2	2.4
26	15.5	23.0	18.7	89.6	19.467	17.0	1.8	0.0	1.8	0.6
27	15.0	27.4	21.4	81.5	20.206	17.6	0.0	0.0	0.0	6.0
28	16.5	27.0	21.4	80.4	19.555	17.4	0.0	0.0	0.0	7.3
29	16.5	25.4	20.2	83.7	19.755	17.3	0.0	1.3	1.3	5.3
30	16.2	24.7	19.6	83.7	18.876	16.5	0.7	0.0	0.7	4.2
31	16.3	24.3	19.6	87.1	19.874	17.4	0.3	0.0	0.3	1.5
PROM.	15.5	24.9	19.3	85.4	19.057	16.7	158.2	77.6	235.8	115.3

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	14.0	20.0	16.8	93.8	18.349	16.1	34.8	0.0	34.8	0.0
2	14.5	20.0	16.2	92.1	18.533	14.9	4.3	0.0	4.3	0.8
3	14.0	25.0	19.8	81.6	18.351	16.1	0.2	0.0	0.2	6.6
4	16.6	27.0	21.2	76.6	18.580	16.7	0.0	0.0	0.0	9.1
5	17.0	25.4	19.9	83.3	19.454	17.1	0.0	0.2	0.2	5.9
6	15.5	25.0	19.5	84.9	18.577	16.7	0.0	0.0	0.0	4.3
7	15.1	26.0	20.8	78.3	18.843	16.5	0.0	0.0	0.0	6.2
8	16.0	26.7	20.5	75.1	17.741	15.6	0.0	0.0	0.0	4.9
9	17.6	24.8	20.1	92.1	21.701	18.8	0.5	90.2	90.7	2.5
10	16.0	23.6	19.7	92.1	20.764	18.0	0.8	2.7	3.5	2.0
11	15.8	24.0	19.1	91.0	20.169	17.6	3.2	19.6	22.8	3.7
12	15.2	21.3	18.2	94.8	19.729	17.3	6.9	15.5	22.4	0.0
13	14.4	22.2	16.6	91.3	19.215	16.8	4.3	0.0	4.3	1.4
14	14.0	28.8	21.5	72.5	17.822	15.6	0.0	0.0	0.0	11.4
15	14.9	27.7	20.9	74.6	18.360	15.5	3.1	0.0	3.1	6.6
16	15.5	28.0	21.3	66.9	15.570	13.7	0.0	7.0	7.0	10.1
17	14.8	27.0	21.1	76.6	18.452	16.1	0.0	5.8	5.8	5.2
18	15.1	24.0	18.8	86.5	18.855	16.6	11.9	0.0	11.9	3.0
19	15.4	22.0	18.1	93.3	19.681	17.2	9.6	0.0	9.6	2.0
20	15.2	23.0	16.0	96.5	17.755	15.6	42.4	0.0	42.4	7.0
21	13.0	25.4	19.7	80.5	18.253	16.0	0.0	0.0	0.0	6.0
22	15.1	23.0	17.9	91.3	19.210	16.6	7.0	0.0	7.0	6.2
23	15.0	27.0	19.3	73.8	19.702	13.6	1.4	0.0	1.4	8.3
24	14.8	27.1	20.6	73.6	17.629	15.5	1.3	0.9	2.2	6.6
25	16.3	26.2	20.9	79.5	19.524	17.1	5.7	0.0	5.7	4.1
26	15.2	24.0	19.4	65.8	18.423	17.0	0.0	0.0	0.0	1.9
27	15.8	27.4	21.0	73.0	17.889	15.7	0.2	0.0	0.2	10.0
28	14.0	28.0	20.9	50.5	12.060	5.6	0.0	0.0	0.0	7.8
29	16.6	27.7	21.2	68.5	16.632	14.8	0.0	0.0	0.0	8.2
30	16.0	25.0	19.8	75.1	16.763	14.5	0.0	2.7	2.7	5.0
PROM.	15.3	25.0	19.6	81.6	18.318	16.0	137.6	144.6	282.2	160.8

ESTACION: EL JAZMIN
 ALTITUD: 1.600

MUNICIPIO: STA. ROSA AQ: 1.980
 LATITUD: 4-53 N. LONGITUD: 76-36 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	14.3	26.6	20.8	76.1	18.129	15.8	0.0	0.0	0.0	7.3
2	15.3	26.0	20.2	75.5	17.717	15.6	0.4	0.0	0.4	6.5
3	15.4	27.2	20.6	72.8	17.038	14.5	0.1	0.0	0.1	7.6
4	13.3	28.6	21.5	72.0	17.536	15.3	0.0	0.0	0.0	10.0
5	15.3	29.3	22.0	62.7	15.747	13.7	0.0	0.0	0.0	10.7
6	14.4	26.3	20.2	68.5	15.947	14.0	0.0	0.0	0.0	6.6
7	14.0	27.3	21.5	74.5	18.650	16.2	0.0	0.0	0.0	8.4
8	14.8	26.0	20.4	76.1	17.645	15.4	1.5	0.0	1.5	7.4
9	15.2	25.0	19.4	77.7	17.057	15.0	0.0	0.0	0.0	4.0
10	15.0	22.0	19.2	83.8	18.505	16.2	1.0	0.0	1.0	2.5
11	14.2	25.0	19.3	78.3	17.060	15.0	0.0	0.0	0.0	6.6
12	12.8	25.1	20.7	75.3	17.628	15.6	0.0	0.0	0.0	6.5
13	14.4	25.3	19.5	79.5	17.666	15.5	0.0	0.0	0.0	6.0
14	15.6	27.3	20.0	76.6	17.655	15.5	0.2	0.0	0.2	4.1
15	16.0	25.0	20.3	83.2	19.520	17.4	1.3	0.0	1.3	4.3
16	14.0	27.4	20.9	65.7	15.339	13.3	0.0	0.0	0.0	9.1
17	15.2	27.4	20.5	74.8	17.522	15.4	0.0	0.0	0.0	5.0
18	15.4	27.3	19.9	75.1	17.147	15.0	0.0	0.0	0.0	6.7
19	15.4	26.9	20.2	75.2	17.700	15.6	0.0	0.0	0.0	6.6
20	15.4	25.7	18.8	78.5	16.760	14.6	2.5	3.1	5.6	8.8
21	16.0	24.3	19.6	78.3	17.557	15.5	1.1	0.6	1.7	5.3
22	15.5	27.0	18.8	79.4	17.145	15.0	20.1	10.3	30.4	6.8
23	15.5	24.3	19.3	87.1	19.606	17.2	4.3	16.2	20.5	5.3
24	14.6	23.3	18.1	82.5	18.821	14.7	0.0	0.0	0.0	3.9
25	14.5	24.2	17.5	68.0	17.729	15.5	1.3	0.4	1.7	4.5
26	15.0	26.0	19.8	61.2	18.469	16.2	0.0	2.6	2.6	6.1
27	15.5	25.3	19.3	63.4	18.556	16.4	0.2	0.0	0.2	4.3
28	16.0	27.0	18.2	75.5	15.667	13.7	1.5	0.0	1.5	4.4
29	14.0	26.8	20.8	74.0	17.625	15.3	0.0	0.0	0.0	10.5
30	14.5	28.0	20.5	69.3	16.439	14.5	0.0	0.0	0.0	7.7
31	15.5	24.4	20.1	62.5	19.335	16.9	0.0	10.4	10.4	3.0
PROM.	14.9	26.0	19.9	76.5	17.638	15.4	36.4	44.9	81.3	193.5

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	14.0	24.5	19.8	78.9	17.724	15.6	0.0	3.7	3.7	6.3
2	14.4	26.5	20.8	70.5	16.640	14.6	0.0	0.5	0.5	7.4
3	15.0	25.5	20.5	78.4	18.600	16.3	0.0	0.0	0.0	5.4
4	14.6	25.5	19.5	73.9	16.736	14.7	0.6	0.1	0.7	4.3
5	14.6	24.4	20.1	78.6	18.037	15.8	0.0	0.0	0.0	4.4
6	14.2	24.0	18.7	73.6	15.477	13.4	0.0	0.2	0.2	3.0
7	15.5	21.3	17.8	50.6	18.522	16.3	16.2	1.1	17.3	2.6
8	15.0	20.5	15.9	53.1	16.745	14.7	5.6	0.0	5.6	1.4
9	13.0	23.5	18.6	80.1	16.556	14.8	0.0	3.4	3.4	3.6
10	14.3	25.2	19.5	81.9	16.156	16.0	0.0	0.0	0.0	8.3
11	14.5	27.3	20.4	70.6	16.135	14.1	0.0	0.0	0.0	7.9
12	14.4	25.8	20.3	72.2	16.297	14.8	8.4	0.0	8.4	7.4
13	14.2	26.0	20.3	77.0	18.582	16.2	0.0	0.0	0.0	7.1
14	15.6	26.2	20.9	71.1	17.074	15.0	0.0	0.0	0.0	6.5
15	15.3	25.3	20.1	76.7	17.664	15.7	0.0	0.8	0.8	6.5
16	14.4	23.3	18.2	86.1	18.300	16.1	13.3	0.0	13.3	3.9
17	14.4	27.2	21.3	74.0	17.459	15.4	0.0	0.0	0.0	9.4
18	15.2	25.0	18.5	86.2	18.464	16.2	3.4	1.1	4.5	4.6
19	15.0	25.5	19.2	85.5	18.960	16.7	0.0	0.6	0.6	4.3
20	15.0	23.3	17.9	84.2	17.264	15.2	0.4	0.0	0.4	5.4
21	13.0	25.0	18.5	78.6	16.430	14.4	0.0	0.0	0.0	7.7
22	13.5	25.6	20.4	74.9	17.200	15.1	0.0	0.2	0.2	8.2
23	15.0	27.3	21.1	66.0	15.484	13.4	0.0	0.0	0.0	9.2
24	14.0	28.5	21.6	62.5	12.375	10.0	0.0	0.0	0.0	11.0
25	14.2	27.3	20.3	59.6	13.668	11.7	0.0	0.0	0.0	7.7
26	15.2	28.0	21.8	71.4	18.195	16.0	0.0	0.0	0.0	7.0
27	16.3	28.0	20.9	71.9	17.338	15.3	0.0	0.0	0.0	7.9
28	14.2	25.2	20.3	66.7	15.463	13.5	0.0	0.3	0.3	5.6
29	15.2	25.2	18.0	86.5	18.562	16.3	0.4	0.0	0.4	1.8
30	14.8	27.0	20.9	68.5	16.045	13.9	0.0	1.4	1.4	6.9
31	15.1	25.1	18.1	61.5	16.530	14.9	10.6	4.1	14.7	4.6
PROM	14.6	25.4	19.7	76.2	17.045	14.9	58.9	17.5	76.4	187.7

ESTACION: EL JAZMIN
 ALTITUD: 1.666

MUNICIPIO: STA. ROSA A.G.G. 1-980
 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	14.5	24.2	18.0	79.5	16.439	14.4	1.0	1.2	2.2	4.1
2	13.0	26.0	17.9	81.0	16.615	14.6	15.5	0.0	15.5	6.2
3	13.0	26.0	19.8	74.6	16.752	14.6	0.0	12.8	12.8	8.5
4	15.5	24.3	19.6	82.0	18.485	16.5	0.0	35.6	35.6	4.2
5	14.0	26.0	18.4	82.7	17.530	15.4	4.0	1.6	5.6	5.1
6	14.4	25.1	21.8	73.6	18.244	16.0	0.0	0.0	0.0	9.1
7	15.0	25.0	20.8	84.2	20.425	17.7	0.0	0.0	0.0	4.9
8	16.0	27.8	20.3	84.4	20.052	17.3	0.1	1.1	1.2	6.3
9	15.5	25.3	20.2	81.6	18.951	16.7	0.0	0.0	0.0	5.8
10	15.0	24.2	20.8	68.0	16.240	14.3	0.0	0.0	0.0	7.5
11	14.2	27.4	22.3	63.6	15.941	13.8	0.0	0.0	0.0	6.4
12	16.5	27.0	21.5	75.4	18.815	16.3	0.0	0.0	0.0	9.0
13	15.0	26.4	21.5	74.7	18.340	15.0	0.0	0.0	0.0	4.5
14	15.3	23.1	19.2	85.4	18.334	16.3	2.1	20.8	22.9	1.1
15	15.2	18.0	16.4	95.9	17.534	15.8	14.3	0.0	14.3	0.1
16	13.0	25.0	18.4	80.1	16.568	14.6	0.1	0.0	0.1	5.0
17	15.2	26.3	20.6	76.7	18.013	15.8	0.0	0.0	0.0	6.6
18	14.2	25.4	17.5	80.5	16.357	14.4	81.9	3.0	84.9	4.6
19	14.2	23.3	16.9	91.3	18.316	16.0	39.6	22.5	62.1	2.2
20	12.4	25.0	18.7	81.2	17.335	15.2	0.5	0.4	0.9	6.7
21	14.3	19.1	16.3	91.1	17.076	15.0	12.7	0.0	12.7	0.3
22	14.5	24.2	17.8	86.6	17.875	15.7	0.0	0.0	0.0	1.4
23	14.0	24.2	19.4	78.1	17.486	15.4	0.0	0.0	0.0	5.5
24	13.0	26.0	19.0	75.0	16.117	14.0	2.4	0.0	2.4	6.0
25	13.2	26.2	20.8	77.4	18.507	16.2	0.0	9.6	9.6	6.2
26	14.5	25.0	19.2	83.8	18.810	16.5	1.0	8.4	9.4	5.5
27	15.5	28.1	20.6	80.3	19.248	16.6	0.0	57.0	57.0	4.7
28	14.0	23.3	18.8	46.4	18.512	16.3	0.0	0.0	0.0	3.7
29	14.5	27.3	20.8	78.3	18.852	16.6	0.0	20.6	20.6	9.9
30	14.0	24.7	18.0	86.7	17.526	15.8	4.3	2.3	6.6	4.3
PROM.	14.4	25.1	19.4	80.7	17.500	15.7	179.5	196.9	376.4	155.4

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	15.3	22.7	17.7	88.8	18.076	15.9	5.6	0.0	5.6	1.9
2	15.6	23.3	18.7	84.1	18.135	15.9	1.9	0.0	1.9	3.0
3	15.3	25.0	19.4	79.6	17.644	15.7	0.0	0.0	0.0	6.5
4	14.3	23.6	18.2	87.0	17.884	16.0	0.0	14.0	14.0	3.0
5	15.1	22.2	17.8	86.7	17.822	15.5	0.2	25.0	25.2	4.5
6	14.6	20.0	16.8	94.8	18.424	16.2	37.7	5.0	42.7	0.8
7	14.0	22.0	16.3	92.1	17.835	15.4	0.2	16.8	17.0	1.6
8	12.8	22.0	18.8	83.5	17.578	15.8	3.8	0.0	3.8	4.1
9	14.2	26.0	19.2	76.6	16.478	14.4	0.0	9.3	9.3	6.7
10	14.2	19.6	16.7	94.3	18.068	15.9	3.7	0.1	3.8	0.9
11	11.9	23.4	18.2	81.1	16.650	14.6	0.0	0.0	0.0	6.4
12	14.1	23.4	17.3	83.2	16.753	14.8	0.0	0.0	0.0	2.8
13	14.5	25.6	18.7	80.5	17.726	15.5	0.6	0.0	0.6	5.6
14	14.6	25.7	19.4	84.2	19.212	16.8	0.0	2.9	2.9	6.4
15	14.0	24.5	19.3	83.4	18.411	16.2	0.0	0.0	0.0	3.5
16	14.5	24.2	18.3	85.3	18.126	16.0	0.0	0.0	0.0	3.9
17	15.3	21.0	16.7	94.0	18.069	15.5	8.5	0.3	8.8	0.2
18	14.3	20.0	17.0	93.7	18.311	16.1	0.0	9.4	9.4	0.8
19	14.0	22.2	16.0	90.4	18.456	16.2	1.4	0.0	1.4	1.8
20	14.7	23.0	17.3	90.7	17.853	15.7	4.0	0.0	4.0	1.3
21	10.5	23.3	18.1	84.0	17.314	15.2	0.0	0.0	0.0	5.5
22	15.0	24.5	18.6	82.9	18.210	16.0	1.3	1.8	3.1	7.2
23	15.5	25.0	20.2	84.5	20.023	17.5	0.0	0.0	0.0	3.8
24	15.6	25.0	19.8	79.5	18.564	16.3	0.0	0.0	0.0	5.0
25	13.0	25.0	18.1	88.7	18.310	16.1	0.3	0.0	0.3	2.3
26	15.3	25.0	18.0	92.0	19.047	16.7	7.1	4.7	11.8	2.6
27	15.2	25.0	19.1	87.2	19.430	17.1	0.0	0.0	0.0	4.5
28	14.2	25.8	20.4	80.7	19.175	16.7	0.0	17.9	17.9	6.0
29	15.4	20.0	16.5	96.4	18.270	16.1	6.5	0.0	6.5	0.8
30	14.2	24.2	18.2	88.3	18.313	16.1	1.0	0.0	1.0	5.9
31	15.3	25.2	19.0	84.5	19.003	16.7	7.6	0.0	7.6	5.7
PROM.	14.4	23.4	18.3	86.6	18.169	16.0	101.5	128.4	229.9	115.5

ESTACION: EL JAZMIN
 ALTITUD: 1.600

MUNICIPIO: STA. ROSA DE C. 1.980
 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	13.6	25.4	18.5	81.7	17.672	15.5	12.6	12.1	24.7	1.7
2	14.4	24.0	17.9	85.3	17.707	15.5	0.0	0.0	0.0	4.6
3	14.6	26.0	18.5	83.7	18.170	16.0	1.8	0.0	1.8	2.7
4	14.3	23.3	17.6	88.1	18.116	15.9	1.1	0.4	1.5	0.8
5	14.5	22.0	17.0	94.1	18.666	16.4	29.3	1.9	31.2	2.2
6	14.0	23.2	18.4	90.6	19.162	16.8	1.3	0.0	1.3	4.6
7	14.2	24.0	17.8	85.2	17.455	15.4	19.6	1.0	20.6	0.0
8	14.0	24.0	18.5	87.3	18.435	16.2	0.0	0.0	0.0	0.0
9	12.2	26.3	20.0	86.2	15.014	13.0	0.0	0.0	0.0	2.2
10	14.3	26.0	20.2	78.2	18.139	16.0	0.0	3.2	3.2	8.2
11	16.6	25.4	20.3	82.6	19.745	17.3	0.0	2.6	2.6	2.8
12	15.0	21.0	18.8	92.4	17.554	15.5	7.3	0.0	7.3	0.6
13	14.9	22.0	18.1	89.2	18.605	16.4	4.6	0.2	4.8	2.4
14	14.9	22.0	17.1	92.7	18.020	15.8	0.0	3.1	3.1	7.1
15	14.8	22.0	18.7	90.4	18.455	17.1	0.3	3.1	3.4	
16	14.2	24.0	17.0	89.3	17.701	15.6	0.2	1.4	1.6	7.8
17	15.2	24.0	20.3	77.2	18.207	16.0	0.0	0.0	0.0	4.4
18	16.2	24.0	20.5	82.3	18.323	16.9	16.7	0.0	18.7	7.6
19	14.2	25.8	20.1	76.6	18.410	16.2	0.0	0.0	0.0	5.3
20	15.1	25.8	20.1	76.6	18.354	16.3	0.0	1.9	1.9	2.1
21	17.0	25.0	18.9	86.4	19.241	16.9	1.4	0.0	1.4	
22	16.0	21.0	18.9	87.5	18.714	16.4	0.0	2.1	2.1	2.5
23	15.0	22.0	19.3	89.4	18.467	16.3	0.0	1.9	1.9	0.0
24	16.0	22.2	18.3	89.7	19.312	16.9	2.3	0.0	2.3	8.1
25	15.0	26.0	19.7	76.0	17.266	15.2	0.0	0.0	0.0	3.4
26	13.0	24.0	18.6	89.3	19.064	16.7	0.0	0.0	0.0	3.0
27	15.2	24.0	19.8	89.6	20.667	18.1	0.2	5.0	5.2	8.9
28	14.5	26.0	19.4	87.6	19.550	17.5	0.0	9.5	9.5	
29	15.0	21.0	17.9	91.8	19.148	16.6	5.8	0.0	5.8	
30	14.1	24.1	18.0	84.3	17.132	15.0	0.0	0.0	0.0	
PROM.	14.7	23.9	18.7	85.4	18.450	16.2	110.5	71.8	182.3	

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	16.0	22.8	18.9	86.6	19.288	16.9	12.5	0.2	12.7	1.5
2	14.2	26.0	20.0	81.7	19.158	16.7	0.0	22.5	22.5	6.8
3	15.2	26.0	19.9	81.7	19.726	17.2	6.9	0.5	7.4	6.3
4	14.2	22.0	18.8	85.6	18.756	16.4	1.8	0.0	1.8	3.2
5	14.2	25.0	18.2	87.6	19.668	17.2	0.0	0.0	0.0	4.8
6	15.0	23.4	18.5	89.2	18.541	16.6	0.0	7.7	7.7	6.2
7	15.0	25.0	18.5	83.3	17.350	15.2	0.1	0.0	0.1	7.1
8	14.0	21.0	17.9	91.0	18.456	16.2	0.5	0.0	0.5	0.2
9	15.0	24.5	20.1	89.4	20.668	18.2	0.0	8.7	8.7	5.4
10	14.5	24.8	20.2	84.3	19.657	17.2	0.0	0.0	0.0	5.0
11	15.5	25.2	19.9	88.5	20.559	17.9	0.0	0.0	0.0	6.3
12	15.5	24.0	20.0	92.6	21.645	18.7	0.0	18.3	18.3	4.2
13	15.0	22.0	18.8	93.0	20.227	17.7	0.2	0.0	0.2	3.0
14	15.0	24.0	19.1	87.0	19.353	17.0	0.0	44.0	44.0	0.0
15	15.0	23.0	18.0	89.0	19.668	17.2	0.0	9.9	9.9	2.5
16	14.2	26.0	19.7	88.0	20.242	17.6	3.2	6.7	9.9	4.1
17	15.2	20.6	18.0	96.4	19.633	17.4	0.0	0.0	0.0	3.1
18	16.2	25.0	20.2	88.0	20.703	18.0	0.0	0.5	0.5	6.5
19	14.2	28.8	20.1	67.0	15.119	13.0	0.0	1.1	1.1	5.1
20	12.6	26.1	19.7	77.8	17.495	15.3	0.0	11.0	11.0	6.7
21	13.6	26.5	19.3	72.7	15.541	13.8	0.0	8.0	8.0	8.2
22	12.0	26.0	18.5	75.6	15.667	13.6	0.0	9.0	9.0	4.4
23	12.0	23.0	18.0	74.9	16.226	14.2	0.0	0.0	0.0	3.9
24	14.0	23.0	18.0	78.5	16.427	14.4	0.0	1.2	1.2	5.3
25	11.0	25.0	19.0	72.0	15.771	13.7	5.6	0.3	5.9	2.2
26	15.0	21.0	18.0	69.1	18.568	16.3	0.0	4.8	4.8	1.6
27	15.4	23.0	18.7	90.0	15.742	13.2	0.0	2.3	2.3	8.1
28	14.3	23.0	19.4	87.8	15.458	17.0	0.0	9.0	9.0	5.6
29	15.0	25.0	18.9	87.6	18.599	16.6	0.0	0.0	0.0	5.7
30	16.2	20.6	18.5	97.0	20.777	18.0	10.8	0.5	11.4	0.2
31	15.2	22.0	19.0	93.1	20.259	17.7	0.0	1.1	1.1	3.4
PROM.	14.5	24.1	19.2	85.5	18.677	16.5	42.5	167.3	209.6	136.6

ESTACION: EL JAZMIN

MUNICIPIO

STA. ROSA DE C.

AÑO:

1.980

ALTITUD: 1.600

LATITUD:

4-53 N.

LONGITUD: 75-36 W.

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MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.0	25.8	19.9	13.0	28.9	81.2	18.571	16.3	212.5	17	155.8
FEBRERO	15.4	26.3	20.1	13.4	29.3	79.1	18.223	16.0	107.3	18	167.9
MARZO	15.6	26.8	21.0	14.0	29.9	78.4	15.081	16.7	77.7	16	163.4
ABRIL	15.3	26.0	21.0	13.0	28.8	80.1	18.522	16.2	159.2	22	168.7
MAYO	15.5	24.5	19.3	13.5	28.9	85.4	15.057	16.7	235.8	21	115.3
JUNIO	15.3	25.0	19.6	13.0	28.8	81.6	18.318	16.0	282.2	21	160.8
JULIO	14.9	26.0	19.9	12.8	29.3	76.9	17.538	15.4	81.3	17	153.5
AGOSTO	14.6	25.4	19.7	13.0	28.9	76.2	17.045	14.9	76.4	18	187.7
SEPTIEMBRE	14.4	25.1	19.4	12.4	28.1	80.7	17.900	15.7	376.4	19	155.4
OCTUBRE	14.4	23.4	18.3	10.5	26.0	86.6	18.169	16.0	229.9	23	115.5
NOVIEMBRE	14.7	23.9	18.7	12.2	26.3	85.4	18.450	16.2	182.3	23	
DICIEMBRE	14.5	24.1	19.2	11.0	28.8	85.5	18.877	16.5	209.8	26	136.6
PROMEDIO	15.0	25.2	19.6	12.7	28.8	81.4	18.313	16.1			
TOTAL									2230.9	241	

ESTACION: EL CEDRAL

MUNICIPIO: FERREIRA

AÑO: 1.980

ALTITUD: 2.120

LATITUD: 4-47 N.

LONGITUD: 75-37 W.

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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	11.5	19.0	15.0	85.3	14.644	12.6	1.3	0.0	1.3	2.0
2	13.0	18.6	15.0	90.5	15.654	13.7	3.0	0.0	3.0	1.2
3	11.0	19.1	15.8	86.0	15.305	13.2	0.0	0.0	0.0	2.9
4	11.0	21.0	15.9	82.6	14.742	12.6	0.0	0.0	0.0	2.4
5	10.6	21.1	15.9	84.8	15.216	13.1	0.4	0.0	0.4	4.1
6	10.6	21.0	15.4	82.8	14.541	12.4	0.0	0.0	0.0	4.0
7	12.6	21.1	16.5	79.0	14.567	12.5	0.0	0.0	0.0	4.1
8	11.6	21.0	16.0	83.6	15.070	13.0	0.0	0.0	0.0	4.8
9	11.5	21.0	15.4	82.5	14.438	12.5	1.4	0.0	1.4	3.8
10	10.6	19.4	14.4	87.3	14.538	12.4	7.2	0.0	7.2	3.3
11	10.0	21.0	14.4	87.4	14.528	12.4	12.8	0.4	13.2	4.0
12	10.5	20.1	14.5	89.0	14.640	12.5	23.3	0.0	23.3	4.2
13	10.0	20.5	15.2	83.6	14.603	12.0	1.5	65.1	66.6	4.4
14	12.0	20.0	14.7	93.2	15.077	13.7	5.4	7.3	12.7	3.4
15	12.1	17.4	14.4	92.8	15.045	13.1	5.8	0.0	5.8	0.2
16	12.0	18.0	14.3	88.7	14.444	12.4	2.3	21.8	24.1	1.2
17	11.4	17.7	13.6	91.8	14.443	12.5	0.7	0.0	0.7	1.9
18	10.3	18.4	14.4	87.7	14.275	12.2	0.6	0.0	0.6	2.6
19	10.0	18.0	14.2	85.0	13.642	11.8	2.8	0.0	2.8	1.7
20	9.0	20.0	14.7	86.5	14.415	12.2	0.0	0.0	0.0	4.2
21	10.0	19.4	14.5	88.2	14.422	12.2	0.0	0.0	0.0	1.7
22	10.0	20.3	15.8	81.5	14.529	12.3	0.0	0.0	0.0	4.6
23	12.0	20.0	16.8	88.2	16.514	14.7	0.0	0.0	0.0	3.3
24	12.0	21.4	16.2	85.2	15.336	13.4	0.0	0.0	0.0	2.6
25	12.3	21.0	16.5	85.5	16.035	13.9	0.0	0.0	0.0	4.7
26	12.1	22.1	16.7	78.5	14.724	12.7	0.0	0.0	0.0	6.4
27	11.0	22.0	16.6	81.0	15.023	12.9	0.0	1.0	1.0	6.8
28	12.3	18.7	15.7	89.7	15.618	13.8	0.0	0.0	0.0	0.4
29	11.5	21.4	15.2	90.6	15.334	13.4	10.9	12.0	22.9	4.7
30	13.6	19.2	15.3	88.5	15.450	13.7	9.4	0.9	10.3	0.4
31	11.0	20.1	15.2	88.5	15.178	13.1	7.4	21.1	28.5	3.5
PROM.	11.3	20.0	15.3	86.3	14.662	12.6	96.2	129.6	225.8	98.9

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	12.4	19.7	15.4	93.2	16.221	14.2	9.1	0.6	9.7	1.0
2	12.1	18.5	15.7	94.4	17.125	15.0	4.0	0.6	4.6	1.7
3	12.0	18.0	14.7	95.2	16.173	14.1	9.4	0.8	10.2	0.5
4	12.0	18.2	14.0	88.8	14.039	12.0	9.3	0.0	9.3	0.1
5	11.4	19.9	15.1	86.5	14.578	13.0	9.0	0.4	9.4	1.5
6	12.0	18.1	14.7	89.7	15.013	13.0	0.3	0.0	0.3	0.9
7	12.0	20.5	15.7	85.1	15.139	13.1	0.7	0.0	0.7	5.3
8	11.0	20.0	15.3	82.3	14.212	12.0	0.0	0.0	0.0	4.8
9	10.3	20.5	15.4	85.3	14.745	12.6	0.0	0.0	0.0	4.0
10	10.3	21.5	15.6	82.6	14.316	12.2	0.0	0.0	0.0	5.0
11	11.0	22.0	15.8	76.7	13.509	11.4	0.0	0.0	0.0	6.9
12	11.0	20.5	15.5	79.2	13.604	11.7	0.0	0.0	0.0	5.0
13	10.0	21.2	15.8	78.4	13.618	11.7	0.0	0.0	0.0	6.7
14	10.0	20.0	15.5	78.2	13.608	11.4	0.0	0.0	0.0	4.9
15	10.0	20.0	14.2	82.8	13.454	11.2	6.7	16.4	23.1	5.3
16	13.0	19.5	14.8	89.5	14.651	12.6	0.3	9.6	9.9	2.0
17	11.4	19.5	14.5	93.3	15.570	13.6	8.9	0.0	8.9	0.4
18	10.0	20.0	14.2	87.7	14.335	12.2	2.7	0.7	3.4	3.7
19	11.3	18.0	15.2	85.5	14.741	12.7	0.1	2.7	2.8	2.4
20	11.4	18.0	14.0	84.5	13.905	11.7	2.5	0.0	2.5	4.7
21	9.0	19.0	14.1	87.5	14.064	11.8	6.6	0.0	6.6	2.8
22	10.0	19.5	14.0	85.8	13.902	11.7	4.8	0.0	4.8	3.1
23	9.0	19.0	13.9	81.8	13.145	10.9	13.1	0.0	13.1	3.9
24	9.0	18.5	14.9	87.0	14.459	12.3	2.1	9.0	11.1	5.4
25	11.2	18.5	15.5	92.7	16.282	14.2	2.3	0.0	2.3	0.9
26	12.0	20.0	16.4	73.5	13.650	11.4	0.2	0.0	0.2	2.4
27	10.0	20.5	15.5	83.4	14.523	12.4	0.0	9.0	9.0	3.8
28	9.0	20.0	14.2	78.0	12.559	10.2	0.0	0.0	0.0	4.5
29	9.0	18.5	14.0	82.0	12.513	10.6	0.2	0.1	0.3	3.0
PROM	10.7	19.6	15.0	85.2	14.482	12.3	92.3	40.9	133.2	96.6

ESTACION: EL CEDRAL

MUNICIPIO: FEREIRA

AÑO: 1-980

ALTUD: 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	9.0	19.0	14.6	82.1	13.426	11.2	0.0	0.0	0.0	2.8
2	9.0	19.0	13.7	75.5	11.791	9.2	2.0	0.0	2.0	0.8
3	12.0	18.0	14.5	87.3	14.255	12.2	0.0	0.0	0.0	3.0
4	10.0	19.0	13.1	79.9	11.918	9.5	0.0	0.0	0.0	2.1
5	11.0	17.5	13.8	90.0	14.146	12.1	2.0	0.0	2.0	2.0
6	10.0	19.0	15.4	79.9	13.825	11.6	0.0	0.0	0.0	5.4
7	10.0	18.9	14.2	81.0	13.057	10.9	1.0	0.0	1.0	3.2
8	10.0	19.1	15.0	77.5	12.566	10.8	0.0	0.0	0.0	4.4
9	10.0	19.3	14.8	79.4	13.184	11.0	0.0	0.0	0.0	4.4
10	11.0	19.6	15.7	81.0	14.159	12.1	0.0	0.0	0.0	4.7
11	12.0	21.0	16.1	82.0	14.770	12.8	0.0	0.0	0.0	3.7
12	11.0	19.9	15.6	81.6	14.307	12.2	0.0	0.0	0.0	4.7
13	11.0	20.2	16.4	78.6	14.437	12.4	0.0	0.0	0.0	3.3
14	12.0	18.3	16.3	87.0	15.553	13.5	0.0	0.0	0.0	0.0
15	10.6	19.0	15.0	90.5	15.553	13.4	1.2	0.1	1.3	2.9
16	10.3	20.0	15.4	83.6	14.537	12.4	13.0	0.0	13.0	3.3
17	10.4	15.0	15.7	85.5	15.165	13.1	0.0	0.0	0.0	1.8
18	11.3	16.0	14.1	85.3	16.236	13.2	6.9	0.4	7.3	0.0
19	10.6	18.1	15.2	87.1	14.795	12.7	0.5	0.0	0.5	1.9
20	11.3	20.3	15.2	79.4	13.460	11.4	0.1	0.0	0.1	5.8
21	9.3	21.0	14.7	75.4	12.812	10.4	27.6	0.0	27.6	5.8
22	10.1	19.1	15.0	87.9	15.066	13.0	0.2	0.0	0.2	3.0
23	10.4	20.0	13.8	83.0	15.066	12.9	10.8	0.0	10.8	4.6
24	10.4	22.0	15.8	68.5	11.771	9.3	0.0	0.0	0.0	7.2
25	12.5	20.0	16.9	82.5	15.677	13.6	0.0	0.0	0.0	0.8
26	12.3	22.0	17.6	76.8	15.268	13.3	0.0	0.0	0.0	4.0
27	12.0	22.5	16.1	80.1	14.614	12.6	0.0	0.0	0.0	8.5
28	11.3	22.5	16.2	76.8	14.179	12.1	0.0	0.0	0.0	7.8
29	12.0	22.0	15.6	83.2	14.960	13.0	6.9	0.0	6.9	5.8
30	12.0	19.5	15.7	91.2	16.167	14.2	4.3	0.2	4.5	0.6
31	11.3	20.0	15.9	84.3	15.019	13.0	0.4	0.0	0.4	2.5
PROM.	10.8	19.7	15.3	82.7	14.249	12.1	76.9	1.5	78.4	111.2

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	10.0	20.0	15.9	74.7	13.332	11.2	2.9	24.4	27.3	4.7
2	11.3	19.0	14.6	91.2	14.554	13.0	0.0	0.0	0.0	2.7
3	12.0	18.1	14.6	88.8	14.651	13.0	4.5	0.0	4.5	1.7
4	10.0	18.8	14.4	86.3	13.593	11.9	0.6	0.0	0.6	3.0
5	10.0	19.3	15.0	81.0	13.755	11.6	10.8	0.0	10.8	4.5
6	10.4	18.1	14.3	87.7	14.260	12.3	0.1	0.4	0.5	0.0
7	12.3	19.0	15.7	88.2	15.553	13.6	8.3	1.4	9.7	0.5
8	10.0	19.1	15.4	87.5	15.357	13.4	6.1	0.0	6.1	1.2
9	11.0	20.0	14.5	86.1	14.524	12.5	1.2	4.4	5.6	4.0
10	12.1	16.5	14.8	82.2	14.042	12.0	7.5	1.9	9.4	4.1
11	11.0	19.3	13.9	78.5	13.543	11.9	4.8	0.1	4.9	6.1
12	10.1	20.3	15.2	78.5	13.230	11.1	0.0	0.0	0.0	5.8
13	12.0	19.0	15.5	85.5	15.020	12.9	2.4	0.0	2.4	3.4
14	11.1	18.8	15.0	88.7	15.040	12.9	7.4	0.1	7.5	2.6
15	12.1	20.0	16.3	82.7	15.253	13.3	0.0	0.0	0.0	2.9
16	10.6	22.3	16.7	77.0	14.188	12.0	6.2	0.0	6.2	7.8
17	11.1	20.5	15.8	83.0	15.049	13.0	0.0	0.0	0.0	5.2
18	11.0	21.0	16.9	83.7	15.958	14.0	0.0	0.1	0.1	2.1
19	12.5	21.4	17.8	74.0	14.601	12.8	0.0	0.0	0.0	8.4
20	12.2	22.0	17.3	77.2	15.158	13.2	0.0	0.0	0.0	6.1
21	12.0	21.5	16.5	85.2	16.251	14.3	3.2	0.0	3.2	2.8
22	13.0	20.0	16.2	88.0	16.251	14.3	4.6	2.5	7.1	2.0
23	13.0	21.0	16.0	90.0	16.572	14.6	9.3	0.0	9.3	3.6
24	13.1	16.0	15.3	84.6	16.473	14.5	11.7	0.4	12.1	0.1
25	12.4	18.0	15.1	94.2	16.106	14.1	22.3	0.8	23.1	1.4
26	13.5	18.0	16.3	89.3	16.168	14.2	2.3	0.0	2.3	0.5
27	10.2	20.0	15.2	82.4	13.835	11.7	0.3	0.0	0.3	2.0
28	12.2	15.3	14.5	90.7	14.827	12.6	0.4	0.0	0.4	2.1
29	10.6	15.5	15.6	87.3	15.559	13.6	24.7	0.0	24.7	2.7
30	11.8	19.4	15.6	89.3	16.032	14.0	0.2	0.0	0.2	2.4
PROM.	11.5	19.6	15.5	85.5	15.026	13.0	143.8	36.7	180.5	96.4

ESTACION: EL CEDRAL

MUNICIPIO: PEREIRA

AÑO: 1.980

ALTITUD: 2.120

LATITUD: 4-47 N.

LONGITUD: 75-37 W.

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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	19.3	16.6	88.2	16.441	14.4	26.9	18.8	45.7	0.4
2	12.5	18.3	14.9	88.4	14.803	12.8	0.0	0.0	0.0	3.5
3	12.1	20.0	14.7	91.3	15.315	13.3	0.9	0.0	0.9	3.8
4	12.0	22.3	16.0	81.1	14.545	12.5	1.4	0.0	1.4	6.0
5	13.1	19.3	15.7	88.6	15.532	13.9	0.0	0.0	0.0	2.3
6	12.0	19.1	16.2	89.5	14.406	14.3	2.3	0.0	2.3	1.5
7	13.0	19.3	14.9	88.1	15.355	13.4	0.9	2.7	3.6	2.7
8	13.0	19.0	15.6	91.6	16.165	14.2	1.2	1.0	2.2	1.9
9	13.6	20.0	17.0	87.3	16.693	14.6	4.5	4.2	8.7	2.9
10	13.0	20.0	15.3	91.0	16.296	14.1	27.5	0.0	27.5	4.6
11	11.8	21.0	16.4	88.1	16.302	14.2	0.0	0.0	0.0	7.2
12	12.0	20.0	15.4	86.5	15.345	13.4	6.2	0.0	6.2	3.2
13	13.0	18.6	15.9	86.6	15.773	13.8	0.0	0.0	0.0	0.0
14	12.7	19.1	15.4	91.1	16.059	14.1	6.0	0.0	6.0	2.1
15	14.1	17.0	14.5	93.1	16.046	14.1	6.2	0.0	6.2	0.0
16	11.9	21.0	15.6	83.1	14.721	12.7	3.1	0.0	3.1	3.1
17	12.5	18.0	16.4	88.5	16.460	14.4	13.3	0.0	13.3	1.4
18	12.1	17.5	15.0	93.1	15.766	13.8	33.9	4.0	37.9	1.4
19	12.0	22.3	16.7	82.1	15.647	13.6	11.4	0.0	11.4	3.9
20	12.1	21.0	17.0	84.1	16.022	13.5	0.0	0.0	0.0	4.4
21	12.0	20.0	16.6	88.1	16.675	14.6	0.0	0.0	0.0	0.5
22	12.2	20.0	16.6	85.3	16.050	14.0	0.0	0.0	0.0	2.6
23	12.0	19.0	16.1	84.7	15.400	13.4	0.0	0.6	0.6	0.0
24	12.0	21.0	15.5	86.4	15.853	13.8	13.6	0.0	13.6	3.0
25	11.5	19.3	14.9	93.6	15.853	13.5	0.8	0.1	0.9	0.0
26	11.6	18.3	15.9	90.9	16.814	14.5	0.0	0.0	0.0	0.5
27	12.3	21.5	17.0	88.6	12.960	10.6	0.0	0.0	0.0	7.0
28	12.2	21.0	16.2	80.2	14.680	12.7	0.0	0.0	0.0	5.5
29	11.6	19.3	14.8	83.6	14.315	12.2	0.0	0.0	0.0	2.5
30	12.0	20.0	16.3	84.7	15.665	13.7	0.0	0.0	0.0	3.0
31	12.0	18.5	14.9	87.6	15.000	13.0	1.3	0.0	1.3	3.3
PROM.	12.4	19.7	15.8	87.0	15.665	13.6	161.7	31.4	193.1	84.8

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	11.4	17.0	14.3	94.4	15.720	13.7	15.5	0.6	16.1	2.1
2	12.5	17.0	15.0	92.5	15.824	13.7	7.4	0.0	7.4	0.0
3	12.0	20.0	15.8	89.7	16.279	14.2	0.0	0.0	0.0	3.4
4	13.5	21.1	16.9	88.6	16.724	14.6	0.0	0.0	0.0	5.1
5	14.0	21.0	15.1	89.5	15.623	13.6	12.9	0.2	13.1	2.2
6	13.0	20.3	16.9	83.1	15.760	13.8	0.0	0.2	0.2	4.6
7	13.4	21.2	16.1	90.1	16.561	14.5	0.0	0.0	0.0	4.6
8	13.0	21.0	16.8	84.2	16.276	14.3	0.0	0.0	0.0	4.6
9	13.0	19.4	15.9	94.4	16.913	14.8	0.0	11.3	11.3	1.5
10	13.1	18.8	15.4	92.0	16.683	14.1	8.2	1.3	9.5	0.6
11	14.0	17.0	15.4	97.7	17.045	15.0	7.0	6.8	13.8	0.0
12	13.6	17.1	15.2	97.1	16.663	14.6	7.4	11.7	19.1	0.0
13	13.6	18.1	15.6	93.9	16.820	14.5	2.3	0.0	2.3	0.0
14	12.3	23.0	17.2	75.5	14.662	12.7	0.0	0.0	0.0	9.9
15	13.2	23.1	17.3	77.9	15.377	13.4	0.0	0.0	0.0	9.0
16	13.1	22.0	16.7	81.6	15.455	13.4	0.0	0.0	0.0	4.6
17	13.1	22.0	16.4	85.0	15.668	13.9	0.0	0.0	0.0	2.4
18	12.4	19.3	15.4	90.7	15.661	13.8	8.8	0.0	8.8	0.6
19	12.0	20.0	16.2	89.7	16.408	14.3	0.0	3.3	3.3	2.1
20	14.1	19.3	16.2	90.3	16.660	14.6	3.5	0.0	3.5	0.4
21	13.6	22.0	17.1	77.4	14.858	12.9	0.0	0.0	0.0	6.6
22	13.6	21.0	16.1	90.3	16.853	14.5	0.0	0.0	0.0	2.1
23	13.0	21.0	16.3	86.7	16.256	14.2	0.0	0.0	0.0	5.5
24	12.6	21.0	16.2	84.0	15.632	13.6	3.4	0.0	3.4	4.6
25	12.6	22.0	16.7	82.8	15.665	13.6	0.0	0.0	0.0	4.7
26	13.0	20.4	16.9	81.2	15.363	13.4	0.0	0.1	0.1	0.9
27	14.1	21.7	16.4	83.6	15.656	13.7	0.5	0.0	0.5	5.6
28	13.1	22.2	17.0	71.4	13.454	11.2	0.0	0.5	0.5	7.2
29	13.4	21.3	16.8	78.0	14.628	12.6	0.0	0.0	0.0	6.8
30	12.4	19.3	15.4	88.6	15.540	13.5	0.0	3.7	3.7	4.7
PROM.	13.1	20.3	16.2	86.8	15.661	13.6	76.9	39.7	116.6	106.8

ESTACION: EL CEDRAL

MUNICIPIO: PEREIRA

AÑO: 1.980

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	12.6	21.6	15.8	79.4	13.649	11.7	0.0	0.1	0.1	5.7
2	13.4	20.3	15.1	84.6	14.478	12.4	0.0	0.0	0.0	5.4
3	12.4	21.0	16.2	73.7	13.133	10.7	0.0	0.0	0.0	8.0
4	11.4	21.0	17.0	71.6	13.054	10.7	0.0	0.0	0.0	9.4
5	12.3	22.2	16.3	67.4	12.552	10.2	0.0	0.0	0.0	8.7
6	12.0	21.3	15.9	78.3	14.189	12.2	0.0	0.0	0.0	6.1
7	13.1	20.4	15.5	84.8	15.426	13.1	0.0	0.0	0.0	3.5
8	11.6	20.3	16.1	64.4	15.405	13.4	0.0	0.0	0.0	4.5
9	12.0	19.3	16.3	68.4	16.059	14.1	0.0	0.0	0.0	2.4
10	12.1	18.3	14.6	94.2	15.675	13.7	0.0	0.6	0.6	1.0
11	12.0	18.8	15.5	89.6	15.748	13.8	0.0	0.0	0.0	2.0
12	12.1	20.3	16.6	86.8	16.242	14.1	0.0	0.0	0.0	5.6
13	12.1	20.3	15.9	87.7	15.775	13.7	0.0	0.0	0.0	4.6
14	12.0	19.3	15.9	93.2	16.556	14.5	0.0	0.0	0.0	2.6
15	12.1	21.0	16.8	88.6	16.577	14.7	0.0	0.0	0.0	4.6
16	11.0	20.0	15.7	86.3	15.024	12.9	0.0	0.0	0.0	3.8
17	12.1	21.0	16.0	87.4	15.608	13.6	0.0	0.0	0.0	3.7
18	11.5	21.2	15.3	89.2	15.476	13.4	0.0	0.0	0.0	5.5
19	11.5	21.0	16.4	73.8	13.125	10.7	0.6	0.0	0.6	5.6
20	12.3	20.3	15.8	89.6	16.000	14.0	0.0	0.0	0.0	3.9
21	13.3	19.5	16.0	53.4	17.152	15.1	13.1	0.0	13.1	4.3
22	12.1	20.0	15.4	84.1	14.777	12.7	4.7	0.0	4.7	4.0
23	13.4	19.3	16.0	91.0	16.448	14.4	0.4	0.3	0.7	
24	14.0	17.3	15.1	94.9	15.322	14.3	6.3	0.0	6.3	
25	10.6	20.3	14.6	90.3	15.023	12.9	0.0	0.8	0.8	
26	12.0	22.2	15.8	85.4	15.414	13.3	9.4	0.0	9.4	4.3
27	12.0	19.4	14.8	92.2	15.500	13.5	0.5	1.2	1.7	
28	12.5	20.0	15.4	83.5	14.645	12.6	0.0	9.2	9.2	
29	11.3	22.0	16.6	78.6	14.161	12.0	0.0	0.0	0.0	
30	11.4	21.3	16.2	84.2	15.035	12.5	0.0	0.0	0.0	
31	12.2	20.4	16.2	90.1	16.705	14.7	0.2	0.5	0.7	
PROM.	12.1	20.5	15.8	85.4	15.212	13.1	35.2	12.8	48.0	

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	12.5	21.7	16.1	76.6	13.463	11.1	0.0	0.0	0.0	
2	12.1	21.0	15.5	88.0	16.367	14.2	0.5	0.0	0.5	
3	12.0	23.3	13.5	53.4	14.734	12.8	4.0	0.0	4.0	
4	11.3	19.3	14.4	53.2	15.335	13.3	1.2	1.9	3.1	0.5
5	12.0	19.3	15.4	89.4	15.659	13.7	0.2	0.0	0.2	2.7
6	11.0	20.3	15.3	93.2	15.513	13.2	0.0	0.0	0.0	3.0
7	12.5	17.4	14.5	94.7	15.653	13.6	13.1	0.0	13.1	0.9
8	12.0	17.1	14.3	51.7	14.657	12.8	5.3	0.0	5.3	0.9
9	11.0	18.1	15.4	50.7	15.668	13.6	0.3	0.5	0.8	2.6
10	12.5	22.0	16.2	74.2	13.202	11.0	0.0	0.0	0.0	8.8
11	10.5	23.0	16.2	71.1	12.674	10.5	0.0	0.0	0.0	7.7
12	12.0	22.2	15.9	69.8	12.063	9.5	0.0	0.0	0.0	9.6
13	11.0	21.8	15.2	82.4	14.203	12.1	0.0	0.0	0.0	8.3
14	11.6	21.0	15.3	90.4	15.665	13.5	2.6	0.0	2.6	3.1
15	11.3	19.4	16.1	64.4	15.400	13.4	0.0	0.0	0.0	3.9
16	12.3	19.8	16.1	87.4	15.578	14.0	0.0	0.0	0.0	3.8
17	11.3	20.0	15.9	82.7	14.675	12.6	2.2	0.0	2.2	4.9
18	11.6	19.8	15.4	86.3	15.100	13.1	0.0	0.0	0.0	2.4
19	11.0	19.3	15.3	88.9	15.533	13.5	1.3	0.3	1.6	2.2
20	11.0	19.5	14.5	86.1	14.367	12.3	0.0	0.0	0.0	3.5
21	10.0	19.4	14.4	87.0	14.340	12.2	0.0	0.0	0.0	4.5
22	9.5	20.1	14.7	64.5	14.053	11.9	0.7	2.3	3.0	4.4
23	11.4	20.7	15.9	80.9	14.428	12.4	0.0	0.0	0.0	6.9
24	11.0	22.4	15.5	67.8	11.606	9.1	0.0	0.0	0.0	8.9
25	11.0	23.1	16.0	73.6	13.209	11.1	0.0	0.0	0.0	7.2
26	11.5	23.0	16.8	79.0	15.019	13.0	0.0	0.0	0.0	7.2
27	13.0	21.5	16.4	70.5	12.656	10.5	0.0	0.0	0.0	6.5
28	11.5	21.5	16.5	71.2	13.065	10.8	0.0	0.0	0.0	4.0
29	12.0	19.0	15.5	89.7	15.786	13.7	2.4	0.5	2.9	1.6
30	11.0	21.0	16.0	79.1	13.521	11.8	0.0	0.0	0.0	5.6
31	11.5	20.3	15.5	87.5	15.278	13.2	0.4	8.2	8.6	4.1
PROM.	11.5	20.5	15.5	83.4	14.521	12.4	34.2	13.7	47.9	

ESTACION: EL CEDRAL

MUNICIPIO: PEREIRA

AÑO: 1.980

ALTITUD: 2.120

LATITUD: 4-47 N.

LONGITUD: 75-37 W.

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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	20.0	14.1	53.4	15.078	13.1	22.4	7.7	30.1	1.8
2	12.0	21.0	16.0	55.7	15.474	13.5	0.0	0.0	0.0	2.2
3	11.3	21.3	15.9	54.1	15.023	12.9	0.0	0.0	0.0	3.5
4	11.8	19.3	14.9	56.1	14.662	12.8	21.4	0.4	21.8	0.5
5	12.0	19.6	15.3	50.8	15.666	13.9	2.5	0.0	2.5	2.0
6	12.3	23.0	16.4	71.4	12.730	10.2	0.1	0.0	0.1	5.5
7	11.6	20.0	16.3	59.6	16.542	14.4	0.0	0.0	0.0	6.0
8	12.0	20.3	16.0	58.2	15.676	13.8	0.0	0.0	0.0	5.9
9	13.6	20.5	14.1	50.6	15.025	13.0	0.0	0.0	0.0	4.0
10	11.0	20.3	14.6	50.9	13.931	11.3	0.6	0.0	0.6	5.3
11	11.4	20.5	15.2	73.1	15.225	11.9	0.0	0.0	0.0	4.5
12	12.6	22.0	17.1	75.1	15.267	13.3	0.0	0.0	0.0	3.7
13	11.5	19.6	15.2	50.6	14.007	11.9	0.0	0.0	0.0	4.1
14	12.0	18.2	15.5	58.2	15.401	13.4	2.0	0.0	2.0	1.0
15	12.4	16.3	14.4	55.0	15.551	13.6	7.0	0.8	7.8	0.0
16	12.0	20.2	15.0	59.5	15.435	13.5	3.4	0.0	3.4	3.2
17	11.0	20.1	14.3	59.6	14.607	12.8	10.0	0.0	10.0	4.4
18	11.3	15.1	15.3	59.6	13.656	13.6	0.6	1.5	2.1	1.2
19	12.0	18.3	14.9	58.5	15.111	13.1	0.3	2.0	2.3	0.5
20	11.4	20.0	15.3	51.0	15.702	13.6	0.0	0.0	0.0	0.7
21	12.3	17.0	13.7	55.0	14.602	12.8	5.0	0.0	5.0	0.5
22	11.6	20.0	15.1	55.4	14.634	12.8	0.0	0.0	0.0	2.5
23	10.6	19.6	14.8	56.8	14.503	12.9	1.5	0.0	1.5	2.5
24	11.3	21.0	15.4	53.9	15.076	13.1	0.0	0.0	0.0	5.7
25	11.0	20.0	15.0	58.4	14.550	13.0	14.3	0.0	14.3	2.5
26	13.0	20.0	16.5	51.1	17.278	15.2	0.0	0.0	0.0	1.4
27	11.6	19.6	14.6	79.4	13.424	11.3	1.5	0.0	1.5	4.4
28	12.0	18.8	15.3	58.5	15.218	13.2	0.0	0.0	0.0	4.7
29	12.0	20.0	16.7	55.1	16.127	14.1	0.4	5.0	5.4	2.7
30	12.6	19.5	14.7	56.7	16.028	14.0	8.9	0.0	8.9	1.8
PROM.	11.9	19.9	15.4	56.6	15.117	13.1	101.9	19.4	121.3	55.1

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	12.4	18.6	15.2	50.2	15.543	13.9	0.0	0.0	0.0	1.2
2	13.1	19.1	15.5	59.1	16.361	14.3	0.0	0.0	0.0	1.7
3	11.5	21.0	15.1	55.0	16.157	14.1	4.9	1.6	6.5	5.1
4	13.0	20.0	14.9	50.7	15.545	13.6	1.0	0.8	1.8	1.9
5	13.0	18.0	14.6	57.4	16.356	14.3	2.1	51.8	53.9	2.4
6	13.4	19.0	14.6	54.4	15.539	14.0	23.3	7.6	30.9	0.1
7	12.5	17.8	13.8	56.1	15.253	13.3	33.2	2.9	36.1	0.0
8	11.3	17.1	13.8	54.6	15.032	13.0	1.1	0.2	1.3	1.8
9	12.0	20.0	15.4	51.1	16.004	14.0	3.1	2.6	5.7	3.8
10	13.1	13.7	14.1	55.4	15.466	13.5	27.1	1.4	28.5	0.1
11	11.4	19.1	14.5	57.3	15.575	13.5	0.8	8.4	9.2	4.2
12	12.3	19.1	15.1	50.5	15.633	13.7	1.7	0.0	1.7	3.2
13	12.0	20.6	16.1	50.2	16.724	14.7	2.8	0.0	2.8	3.1
14	11.6	20.1	15.6	52.6	16.258	14.2	0.0	0.0	0.0	1.6
15	13.0	19.1	15.5	50.7	16.258	14.4	0.6	0.0	0.6	2.6
16	12.6	19.1	15.0	55.7	16.266	14.2	8.1	5.2	13.3	1.7
17	12.4	16.4	14.0	55.6	15.354	13.5	8.0	0.0	8.0	0.5
18	13.0	16.4	14.2	55.7	15.354	13.4	0.0	0.0	0.0	0.0
19	12.8	20.0	15.4	55.0	16.619	14.5	0.0	0.0	0.0	2.2
20	12.3	15.2	14.3	57.4	15.655	13.9	0.0	0.0	0.0	1.8
21	10.6	16.8	13.7	52.7	14.640	12.6	10.3	0.0	10.3	3.2
22	11.0	21.0	13.8	54.7	14.609	12.8	0.0	0.0	0.0	4.1
23	11.0	20.0	15.4	79.2	14.376	12.1	1.0	0.0	1.0	2.3
24	11.0	19.3	14.5	77.9	13.142	10.8	0.3	0.0	0.3	4.4
25	11.0	19.0	13.4	54.2	14.675	12.6	10.0	0.4	10.4	2.2
26	12.0	19.2	14.5	52.8	15.254	13.4	0.8	0.4	1.2	1.3
27	12.6	20.6	15.2	57.3	15.223	13.2	3.3	0.1	3.4	1.2
28	11.6	21.0	16.2	50.6	16.602	14.5	1.6	0.0	1.6	3.7
29	12.4	17.1	14.4	54.3	15.474	13.5	8.2	0.0	8.2	2.9
30	11.0	20.0	13.7	53.0	14.732	12.7	0.0	0.0	0.0	3.7
31	11.6	20.1	15.1	59.2	15.356	13.3	0.0	0.0	0.0	3.6
PROM.	12.1	19.1	14.8	52.3	15.589	13.5	153.3	83.4	236.7	72.8

ESTACION: EL CEDRAL

MUNICIPIO: PEREIRA

AÑO: 1.980

ALTITUD: 2.120

LATITUD: 4-47 N.

LONGITUD: 75-37 W.

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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	11.3	19.4	14.8	90.5	15.423	13.3	2.8	0.0	2.8	1.8
2	12.8	17.1	14.0	95.4	15.420	13.4	8.0	0.0	8.0	0.1
3	11.6	19.6	13.9	94.0	14.628	12.9	0.8	0.0	0.8	3.4
4	12.0	20.1	14.6	91.3	15.514	13.4	6.6	0.0	6.6	1.1
5	11.1	18.0	14.2	86.0	14.062	12.0	37.0	0.4	37.4	0.2
6	12.0	19.0	15.0	90.9	18.380	13.3	6.4	0.0	6.4	1.4
7	12.0	20.0	14.1	86.8	14.325	12.3	36.9	12.9	49.8	5.2
8	12.2	18.1	14.3	90.7	14.773	12.8	2.9	0.0	2.9	1.4
9	11.0	18.0	14.8	81.7	13.669	11.5	3.2	7.2	10.4	3.1
10	12.0	20.0	15.9	86.5	15.579	13.5	2.3	8.0	10.3	4.1
11	12.0	20.1	15.1	87.1	15.059	13.1	0.0	0.0	0.0	4.0
12	11.0	17.0	13.9	90.1	14.255	12.2	0.8	0.0	0.8	0.0
13	11.0	18.5	14.4	89.1	14.662	12.6	7.1	2.0	9.1	1.6
14	12.4	18.1	13.5	96.6	15.404	13.4	20.3	0.8	21.1	0.0
15	12.1	18.0	15.1	93.1	15.670	13.9	0.6	8.8	9.4	0.9
16	12.8	18.5	14.9	92.0	15.734	13.8	1.9	0.0	1.9	0.6
17	11.0	15.4	14.8	84.9	14.351	12.4	1.9	0.0	1.9	2.7
18	13.4	18.5	13.4	90.7	14.234	12.1	14.6	0.0	14.6	2.3
19	10.0	15.0	13.0	91.3	13.757	11.6	6.4	0.0	6.4	3.0
20	10.6	19.8	14.8	86.0	14.309	12.2	0.0	0.0	0.0	8.0
21	12.0	19.5	14.7	89.4	15.366	13.3	5.1	0.0	5.1	2.2
22	11.0	18.8	14.7	91.6	15.329	13.3	0.0	0.0	0.0	2.4
23	12.0	19.6	14.5	91.7	15.333	13.3	0.2	0.0	0.2	1.2
24	11.3	19.0	14.8	92.2	15.484	13.4	10.7	0.0	10.7	2.3
25	11.0	15.6	15.0	91.4	15.517	13.4	1.4	0.0	1.4	2.8
26	13.1	19.0	15.3	89.6	15.787	13.8	9.3	0.0	9.3	1.0
27	11.0	20.0	16.0	86.5	15.474	13.6	1.2	0.0	1.2	1.8
28	11.6	19.3	15.1	88.2	15.059	13.1	6.1	0.0	6.1	2.5
29	11.7	18.8	14.8	86.8	14.747	12.7	10.7	0.0	10.7	0.9
30	11.4	19.5	13.7	91.5	14.075	12.0	13.4	0.0	13.4	4.2
PROM.	11.6	19.0	14.6	89.8	14.974	12.9	218.3	40.1	258.4	63.5

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	11.0	18.3	13.0	92.5	13.965	11.9	10.0	0.0	10.0	2.2
2	10.5	20.1	14.7	85.8	14.522	12.5	9.0	1.1	10.1	4.1
3	12.0	21.0	14.7	88.1	14.642	12.9	19.2	0.3	19.5	3.2
4	11.2	18.0	14.4	90.5	14.558	12.6	6.4	0.0	6.4	2.1
5	10.3	20.0	14.4	86.5	14.076	12.0	1.2	0.0	1.2	3.5
6	10.5	20.6	15.5	83.5	14.714	12.6	0.0	0.0	0.0	2.7
7	11.0	21.1	14.9	85.9	14.714	12.6	0.0	0.0	0.0	4.8
8	11.4	18.1	13.8	89.5	14.316	12.2	11.3	0.0	11.3	0.0
9	10.5	18.5	14.1	90.8	14.627	12.6	0.0	0.0	0.0	3.0
10	11.2	19.0	15.0	87.5	14.551	12.9	3.0	0.0	3.0	3.7
11	10.2	20.0	13.0	84.1	12.523	10.2	11.4	0.0	11.4	3.4
12	11.2	19.4	14.7	84.4	14.575	12.4	3.2	0.0	3.2	2.9
13	11.0	17.7	14.9	89.8	15.042	13.0	6.0	0.0	6.0	0.8
14	10.5	19.1	14.6	86.2	14.407	12.3	2.8	0.1	2.9	3.1
15	12.0	19.3	14.9	86.5	14.851	12.9	0.7	0.0	0.7	1.0
16	12.0	21.6	14.9	86.6	14.659	12.8	9.8	0.0	9.8	1.5
17	12.0	25.6	14.9	87.2	14.588	12.5	0.0	0.0	0.0	1.8
18	12.0	19.6	16.2	84.7	15.393	13.4	0.0	0.0	0.0	4.1
19	12.5	21.0	16.4	87.7	16.415	14.4	0.0	0.6	0.6	3.3
20	11.4	19.2	14.9	90.6	15.443	13.3	2.3	2.8	5.1	2.8
21	12.5	19.5	15.2	85.2	16.353	14.3	3.9	0.1	4.0	1.6
22	11.0	19.3	15.5	89.4	15.653	13.6	0.0	0.0	0.0	2.3
23	11.4	19.6	15.5	84.8	14.882	12.8	4.0	5.0	9.0	2.6
24	13.0	19.8	15.7	88.2	15.780	13.8	0.8	0.0	0.8	2.4
25	12.3	19.0	15.0	91.3	15.626	13.6	6.2	2.4	8.6	1.5
26	12.1	18.6	14.8	89.4	15.027	13.1	0.7	10.2	10.9	1.0
27	13.1	19.2	15.0	87.6	15.156	13.2	35.4	9.1	44.5	3.8
28	11.0	18.4	13.3	94.5	14.461	12.4	9.6	13.1	22.7	1.1
29	12.2	20.8	15.6	87.9	15.448	13.4	0.0	0.4	0.4	4.2
30	13.1	19.0	14.7	92.5	15.463	13.5	1.1	0.0	1.1	0.5
31	13.3	20.3	15.8	89.1	14.057	14.1	21.7	0.0	21.7	2.5
PROM.	11.6	19.7	14.8	88.4	14.965	12.9	179.7	45.2	224.9	77.5

ESTACION: EL CECRAL

MUNICIPIO PEREIRA

AÑO: 1980

ALTITUD: 2.120

LATITUD: 4-47 N.

LONGITUD: 75-37 W.

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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	11.3	20.0	15.3	9.0	22.1	86.3	14.962	12.9	225.8	18	98.9
FEBRERO	10.7	19.6	15.0	9.0	22.0	85.2	14.452	12.3	133.2	20	96.6
MARZO	10.6	19.7	15.3	9.0	22.5	82.7	14.249	12.1	78.4	15	111.2
ABRIL	11.5	19.6	15.5	10.0	22.3	85.5	15.026	13.0	180.5	24	96.4
MAYO	12.4	19.7	15.8	11.5	22.2	87.0	15.655	13.6	193.1	19	84.8
JUNIO	13.1	20.3	16.2	11.4	23.1	86.6	15.861	13.8	116.6	17	106.8
JULIO	12.1	20.5	15.8	10.6	23.0	85.4	15.212	13.1	48.0	12	
AGOSTO	11.5	20.5	15.5	9.5	23.5	83.4	14.521	12.4	47.9	13	
SEPTIEMBRE	11.9	19.9	15.4	10.6	23.0	86.6	15.117	13.1	121.3	17	89.1
OCTUBRE	12.1	19.1	14.8	10.6	21.0	92.3	15.589	13.5	236.7	22	72.8
NOVIEMBRE	11.6	19.0	14.6	10.0	20.1	85.6	14.574	12.9	258.4	27	63.5
DICIEMBRE	11.6	19.7	14.8	10.2	25.6	86.4	14.565	12.9	224.9	25	77.5
PROMEDIO	11.7	19.6	15.3	10.1	22.5	83.3	15.049	13.0			
TOTAL									1664.6	229	

ESTACION: LA JOYA
 ALTITUD: 1.250

MUNICIPIO: FERREIRA
 LATITUD: 4-46 N.

AÑO: 1.980
 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	16.4	28.0	21.7	83.4	21.116	18.3	0.2	18.7	18.9	3.8
2	17.6	26.3	21.3	88.1	22.410	19.3	2.8	0.0	2.8	4.3
3	16.4	28.2	22.7	77.0	20.375	17.8	0.0	0.0	0.0	6.5
4	17.0	29.3	22.6	77.9	20.773	18.1	0.0	0.0	0.0	8.6
5	16.4	29.6	22.5	80.2	21.450	18.6	0.0	0.0	0.0	5.3
6	17.0	30.3	22.9	72.6	15.350	17.0	0.0	0.2	0.2	8.9
7	17.0	29.9	22.4	77.9	20.624	18.0	0.0	0.0	0.0	8.7
8	16.0	30.0	22.8	71.6	18.750	16.4	0.0	0.0	0.0	6.3
9	16.0	25.1	22.9	76.2	20.287	17.7	0.0	0.0	0.0	6.3
10	17.0	28.1	22.5	78.7	20.764	18.1	0.0	0.0	0.0	5.5
11	17.0	27.1	20.2	85.9	20.729	18.1	23.9	8.9	32.8	2.2
12	16.0	28.0	21.1	60.8	20.103	17.6	0.0	0.0	0.0	7.8
13	15.6	28.0	21.3	77.2	18.982	16.7	0.0	0.0	0.0	6.2
14	18.0	29.0	22.4	74.4	19.463	17.1	0.0	2.7	2.7	9.3
15	17.5	26.0	20.9	83.2	20.247	17.7	9.3	0.0	9.3	0.1
16	17.0	27.0	21.3	79.1	19.555	17.1	0.0	5.6	5.6	4.2
17	17.0	25.0	20.6	82.6	19.852	17.4	1.0	0.0	1.0	2.6
18	15.6	27.0	21.7	78.2	19.700	17.2	0.6	1.6	2.2	6.2
19	17.0	27.0	20.7	80.0	19.381	17.0	1.5	0.0	1.5	5.4
20	16.0	29.0	22.2	77.7	20.305	17.7	0.0	0.0	0.0	8.8
21	15.0	29.4	20.7	85.0	20.546	17.9	0.0	0.0	0.0	3.3
22	15.4	30.6	23.4	74.1	20.202	17.6	0.0	0.0	0.0	8.6
23	15.9	30.0	24.0	78.7	22.360	16.2	0.5	0.0	0.5	6.8
24	16.4	31.0	23.9	77.0	21.835	16.9	0.0	0.0	0.0	7.8
25	15.5	31.0	24.1	72.9	20.694	18.0	0.0	0.0	0.0	9.1
26	15.6	32.1	23.8	72.9	20.301	17.7	0.0	0.0	0.0	9.1
27	15.6	32.0	23.4	73.7	20.001	17.4	0.0	0.0	0.0	6.8
28	18.0	26.0	22.0	83.0	21.625	16.8	0.0	0.0	0.0	1.3
29	16.6	30.0	21.3	81.9	20.529	17.9	0.0	19.7	19.7	6.1
30	18.0	25.5	20.1	86.1	20.633	18.0	35.5	0.2	35.7	0.1
31	15.5	28.0	22.0	77.5	19.514	17.4	0.0	0.1	0.1	8.0
PROM.	16.6	28.6	22.1	78.6	20.421	17.8	75.6	57.7	133.3	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	17.0	15.8	20.1	66.6	20.230	17.7	1.6	0.0	1.6	3.7
2	17.0	27.7	22.5	79.6	20.541	18.2	0.0	0.0	0.0	4.7
3	18.0	25.0	19.0	87.1	21.327	18.5	8.3	1.4	9.7	
4	17.0	26.0	19.7	87.3	20.346	17.8	8.3	0.0	8.3	
5	15.0	29.0	21.7	80.4	20.153	17.6	0.0	0.0	0.0	
6	18.0	29.0	22.3	80.3	21.482	18.6	0.0	0.0	0.0	
7	16.0	29.7	23.1	72.5	19.285	16.9	0.0	0.0	0.0	
8	18.0	29.3	23.6	76.0	21.197	18.4	0.0	0.0	0.0	
9	17.0	28.6	22.8	75.8	20.127	17.6	0.0	12.8	12.8	
10	17.0	30.0	23.0	73.5	19.655	17.4	0.0	0.2	0.2	
11	17.0	31.0	23.7	73.0	20.177	17.6	0.0	0.0	0.0	
12	16.3	31.0	22.7	70.9	18.559	16.3	0.0	0.0	0.0	
13	15.6	31.6	23.0	73.6	15.830	17.3	0.0	0.0	0.0	8.4
14	17.0	31.0	23.0	72.6	15.849	17.1	0.0	0.0	0.0	7.7
15	16.6	31.0	23.2	71.8	19.512	17.0	0.0	0.0	0.0	8.4
16	17.0	28.0	21.2	81.7	20.346	17.7	0.0	0.0	0.0	4.8
17	17.0	26.0	20.9	86.6	21.306	18.5	0.0	0.0	0.0	2.3
18	15.0	31.0	22.3	76.8	19.590	17.5	0.0	0.7	0.7	7.5
19	17.0	28.0	20.9	91.0	22.624	16.4	0.0	0.0	0.0	3.6
20	18.0	27.0	21.1	87.5	22.156	19.1	2.4	0.4	2.8	4.8
21	17.0	28.0	20.7	84.7	20.738	18.1	0.0	4.0	4.0	6.2
22	17.5	28.3	22.4	75.9	19.727	17.3	0.0	0.5	0.5	4.5
23	17.0	25.5	22.4	77.1	20.214	17.7	0.0	0.0	0.0	8.4
24	15.0	30.0	21.3	69.5	17.605	15.5	0.0	1.7	1.7	5.6
25	16.6	26.4	22.1	85.6	22.543	19.4	0.0	0.0	0.0	2.6
26	17.0	29.0	22.7	79.0	21.271	18.5	0.0	0.0	0.0	2.6
27	16.6	30.0	23.0	75.9	20.705	18.0	0.0	0.0	0.0	8.1
28	16.0	31.0	22.8	75.1	20.247	17.7	0.0	0.0	0.0	8.8
29	15.0	28.6	22.4	74.0	19.053	16.8	0.0	1.0	1.0	6.9
PROM.	16.7	28.8	22.1	79.1	20.365	17.8	20.6	22.7	43.3	

ESTACION: LA JOYA

MUNICIPIO: FEFEIRA

AÑO: 1.980

ALTITUD: 1.250

LATITUD: 4-46 N.

LONGITUD: 75-47 W.

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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	31.0	23.5	73.1	20.065	17.6	0.0	0.0	0.0	6.0
2	16.6	30.6	22.5	72.4	19.114	16.8	0.0	18.9	18.9	6.8
3	16.6	29.6	19.5	86.1	19.870	17.4	21.6	4.6	26.2	6.7
4	15.0	28.0	21.8	77.2	19.659	17.2	0.0	1.4	1.4	6.1
5	17.0	25.0	21.0	82.3	20.159	17.6	0.5	0.4	0.9	3.2
6	17.0	29.3	22.5	74.6	19.602	17.2	0.0	0.0	0.0	6.0
7	15.4	30.0	22.5	73.2	18.923	16.6	0.0	0.0	0.0	7.7
8	15.6	31.0	22.4	76.9	19.524	17.4	0.0	0.0	0.0	8.2
9	16.0	30.0	23.3	72.5	19.627	17.2	0.0	0.0	0.0	5.7
10	16.5	31.0	22.1	80.8	20.503	16.1	5.9	0.0	5.9	5.5
11	17.0	30.0	23.5	75.7	21.059	16.3	0.0	0.0	0.0	4.5
12	16.0	31.0	23.3	75.6	21.001	16.3	0.0	0.0	0.0	3.3
13	17.4	30.3	23.3	75.5	20.667	16.1	0.0	0.0	0.0	0.6
14	18.0	26.0	21.2	86.3	21.664	18.8	0.0	0.0	0.0	3.0
15	16.4	28.0	21.5	80.5	20.222	17.7	0.0	0.0	0.0	0.0
16	16.0	28.5	22.4	74.2	19.416	17.0	0.0	0.0	0.0	6.5
17	16.6	28.3	22.3	80.2	21.133	18.4	0.0	0.4	0.4	2.9
18	16.6	26.6	20.7	84.7	20.367	17.8	0.0	0.0	0.0	3.0
19	17.0	28.0	22.8	77.7	20.052	17.5	0.0	0.0	0.0	3.8
20	15.0	32.0	22.0	73.4	19.328	17.0	6.0	0.0	6.0	9.0
21	13.0	30.4	22.0	82.2	19.053	16.7	11.0	0.0	11.0	8.2
22	15.6	32.0	22.8	77.2	19.479	17.8	0.0	0.0	0.0	4.0
23	16.6	32.0	23.5	71.5	19.492	17.1	0.0	0.0	0.0	9.1
24	15.6	32.0	22.8	74.6	19.565	17.5	0.0	1.0	1.0	6.3
25	18.0	22.3	22.3	66.8	23.261	19.9	0.5	0.0	0.5	1.4
26	15.6	31.3	23.2	74.5	20.157	17.7	0.0	0.0	0.0	9.8
27	17.0	32.6	24.8	63.8	20.106	17.6	0.0	0.0	0.0	6.6
28	16.6	32.3	23.5	77.1	21.468	18.6	0.0	0.0	0.0	9.3
29	15.0	32.5	22.9	80.7	21.761	18.7	0.1	2.6	2.7	2.1
30	18.0	26.0	20.7	95.5	23.005	19.7	3.5	0.0	3.5	2.3
31	17.5	32.0	23.9	75.2	21.308	18.5	0.0	0.0	0.0	6.1
PROM.	16.3	29.8	22.4	78.0	20.423	17.8	43.1	29.3	72.4	162.6

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	17.6	32.0	24.2	73.7	21.228	18.5	0.0	0.6	0.6	7.8
2	17.5	27.0	21.9	82.4	21.264	18.5	0.3	20.2	20.5	4.3
3	17.0	28.5	22.4	76.4	20.025	17.5	0.0	0.0	0.0	6.1
4	16.6	30.4	20.4	83.6	20.077	17.6	3.0	2.2	5.2	7.6
5	16.0	31.0	22.5	78.0	20.552	18.0	0.1	7.0	7.1	7.3
6	17.0	26.0	21.4	65.5	21.005	18.7	0.0	12.2	12.2	3.9
7	16.4	26.0	20.9	84.7	20.650	18.2	1.2	0.0	1.2	3.9
8	18.0	27.5	21.8	83.4	21.661	18.5	0.0	0.0	0.0	3.8
9	16.0	31.0	23.9	70.4	20.077	17.5	0.0	0.0	0.0	9.1
10	15.6	29.5	23.4	69.6	19.332	16.9	0.0	0.0	0.0	9.3
11	14.0	30.0	22.5	72.3	16.614	16.5	0.0	0.0	0.0	6.0
12	13.0	32.3	21.8	76.6	18.591	16.2	0.0	0.0	0.0	9.9
13	14.4	29.6	22.7	74.5	20.256	17.7	0.9	0.0	0.9	7.8
14	15.1	28.0	22.1	80.9	21.461	18.5	0.0	0.0	0.0	6.1
15	17.4	30.3	22.8	60.5	21.533	15.0	0.0	0.0	0.0	6.1
16	15.0	30.0	23.8	77.7	22.228	15.1	3.8	0.0	3.8	7.8
17	14.4	30.0	22.5	80.3	21.263	18.4	0.0	0.0	0.0	6.1
18	17.0	31.5	24.1	73.2	21.215	18.4	0.0	0.0	0.0	7.3
19	16.0	31.0	25.0	72.0	22.035	19.1	0.0	0.0	0.0	9.2
20	16.4	30.0	23.4	80.2	22.669	19.5	0.0	0.0	0.0	6.6
21	19.0	30.0	22.5	83.1	22.744	19.6	9.5	0.0	9.5	4.3
22	18.0	29.0	22.5	60.4	21.835	16.9	0.0	1.4	1.4	4.5
23	18.0	29.0	23.2	81.9	22.674	19.5	0.0	15.2	15.2	4.6
24	17.0	24.5	19.8	92.6	21.439	18.6	13.2	0.5	13.7	0.2
25	16.4	26.0	21.6	86.3	22.050	19.1	0.6	0.0	0.6	0.1
26	17.6	24.5	20.3	90.6	21.439	18.5	4.1	0.0	4.1	0.7
27	15.6	28.6	21.9	62.0	21.361	18.5	0.0	0.0	0.0	6.7
28	17.0	27.0	20.3	94.6	22.531	15.4	0.2	0.0	0.2	2.6
29	17.0	29.0	23.1	60.4	21.868	18.9	0.0	0.0	0.0	2.9
30	17.0	30.0	22.6	78.1	20.550	18.3	0.0	2.6	2.6	4.6
PROM	16.5	29.0	22.4	60.2	21.231	18.4	47.3	61.9	109.2	168.7

ESTACION: LA JOYA

MUNICIPIO: PEÑERA

AÑO: 1980

ALTITUD: 1.250

LATITUD: 4-4E 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	18.0	27.6	21.7	86.2	22.243	15.2	17.6	14.2	31.8	2.3
2	15.0	27.3	21.7	81.4	20.677	18.0	0.0	0.0	0.0	5.3
3	16.0	27.0	21.0	86.2	21.164	16.4	1.2	0.0	1.2	4.1
4	14.6	28.1	22.6	76.1	20.064	17.5	0.0	0.0	0.0	6.7
5	15.6	28.5	21.5	81.5	20.650	18.0	1.5	0.0	1.5	5.5
6	18.0	28.3	21.3	85.4	22.226	20.6	0.8	0.0	0.8	2.8
7	16.4	28.9	22.0	80.6	21.155	16.4	16.0	0.2	16.2	5.2
8	17.4	28.6	21.1	89.5	22.462	15.4	58.0	0.0	58.0	3.1
9	17.3	27.7	21.9	85.3	21.575	15.0	0.6	11.0	11.6	4.7
10	17.0	28.9	21.1	82.6	20.751	18.1	0.1	0.0	0.1	6.1
11	15.5	28.0	24.5	72.3	21.702	18.6	0.0	0.0	0.0	8.0
12	16.0	30.0	23.6	79.3	22.246	19.2	0.0	7.8	7.8	8.3
13	17.0	26.0	21.6	88.5	22.554	15.4	0.0	0.0	0.0	0.0
14	18.0	26.0	21.3	89.0	22.539	15.7	29.4	1.7	31.1	1.5
15	17.0	24.6	19.4	95.3	22.022	15.0	38.9	0.0	38.9	2.1
16	15.0	28.3	21.7	86.3	21.556	19.0	0.0	0.0	0.0	7.2
17	17.5	26.0	21.6	82.2	24.123	20.5	1.1	0.0	1.1	1.5
18	18.0	24.0	19.9	84.1	21.609	16.9	3.1	0.5	3.6	1.1
19	17.3	29.0	22.3	79.5	20.923	16.2	0.0	0.0	0.0	8.5
20	17.0	33.0	22.1	83.2	22.152	15.1	0.9	0.0	0.9	7.2
21	18.0	27.0	22.7	86.6	23.767	20.3	0.0	0.0	0.0	0.0
22	18.0	29.0	22.1	87.5	23.346	20.0	3.7	0.4	4.1	5.5
23	17.0	28.5	22.7	79.1	21.403	18.6	0.0	0.0	0.0	4.4
24	18.0	26.0	21.8	87.6	23.046	15.6	0.1	0.0	0.1	2.7
25	16.5	27.0	21.3	85.1	21.565	18.7	0.7	0.0	0.7	4.6
26	17.0	27.0	21.4	86.7	22.271	15.2	2.2	8.8	11.0	2.3
27	16.0	30.0	22.0	80.7	21.158	16.4	0.0	0.0	0.0	7.2
28	18.0	29.0	23.2	80.2	22.628	15.5	3.7	0.0	3.7	6.4
29	18.0	29.0	23.2	78.5	21.576	16.7	0.0	1.8	1.8	6.7
30	18.0	29.0	21.6	85.1	22.053	15.0	2.1	0.2	2.3	6.1
31	18.5	27.5	22.5	81.6	22.121	15.1	0.1	0.0	0.1	6.6
PROM.	17.0	27.2	21.9	84.7	22.028	15.0	181.6	47.4	229.2	143.8

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	17.6	26.8	21.0	84.5	20.634	16.1	16.2	0.4	16.6	1.7
2	17.4	27.4	19.5	82.7	19.067	16.7	0.2	0.0	0.2	5.6
3	15.0	27.1	21.3	88.2	22.254	19.2	0.0	0.0	0.0	5.7
4	18.0	29.0	21.7	85.1	21.734	18.8	1.1	0.0	1.1	7.3
5	17.0	29.0	22.0	84.1	24.621	20.9	0.9	0.0	0.9	5.1
6	18.0	29.0	22.8	80.8	22.241	19.2	0.0	1.3	1.3	6.5
7	16.0	33.0	22.7	81.3	22.554	19.5	3.3	0.0	3.3	5.9
8	16.0	28.0	22.9	81.9	22.546	19.7	0.0	0.0	0.0	6.0
9	18.0	28.0	20.4	81.5	22.582	19.2	20.6	13.0	33.6	5.3
10	17.0	26.0	21.7	86.9	22.557	15.3	0.9	3.6	4.5	2.1
11	18.0	27.0	21.0	82.4	20.536	17.9	0.0	5.5	5.5	4.4
12	17.5	26.0	20.5	87.7	21.143	16.4	3.6	17.2	20.8	1.5
13	16.0	25.0	19.5	89.5	20.193	17.7	1.8	0.0	1.8	1.6
14	13.6	26.5	21.4	80.2	19.500	17.4	0.0	0.0	0.0	9.1
15	13.5	30.3	22.8	70.8	19.566	17.2	0.0	0.0	0.0	8.4
16	14.0	29.0	22.3	76.7	20.468	17.9	0.0	0.0	0.0	5.6
17	16.0	29.5	22.3	78.2	20.611	18.0	1.3	0.3	1.6	6.2
18	16.6	27.0	21.3	82.6	21.002	16.3	0.0	11.7	11.7	5.0
19	17.0	26.0	20.9	83.9	20.772	18.1	0.0	4.7	4.7	2.5
20	17.0	24.6	20.2	67.4	20.683	16.2	8.9	0.0	8.9	1.4
21	14.4	26.0	20.3	81.4	19.712	17.2	0.0	0.0	0.0	6.6
22	17.0	28.3	21.5	81.6	20.767	18.1	0.0	0.0	0.0	3.7
23	17.5	30.0	22.9	75.4	20.337	17.7	0.0	0.0	0.0	5.0
24	16.0	31.0	23.7	77.5	22.317	19.2	0.0	10.3	10.3	8.0
25	18.0	29.0	23.4	78.3	22.520	19.4	0.0	0.0	0.0	6.5
26	18.0	28.0	21.9	83.3	21.746	16.6	0.0	2.7	2.7	0.8
27	17.0	28.5	23.2	75.4	21.116	18.3	0.0	0.0	0.0	6.9
28	13.0	28.8	23.0	66.0	17.542	15.4	0.0	0.0	0.0	6.3
29	16.0	31.0	22.5	68.2	19.812	17.3	0.0	0.0	0.0	7.8
30	15.0	27.0	21.6	86.6	22.116	15.1	0.0	0.1	0.1	5.1
PROM.	16.4	26.0	21.8	81.7	21.145	16.3	60.8	70.6	131.6	158.4

ESTACION: LA JOYA

MUNICIPIO: PEREIRA

AÑO: 1.980

ALTITUD: 1.250

LATITUD: 4-46 N.

LONGITUD: 75-47 W.

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M E S - J U L I O

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	21.6	81.8	20.771	18.1	0.0	0.0	0.0	6.2
2	16.0	27.5	21.4	79.3	19.573	17.5	0.0	0.0	0.0	5.5
3	15.0	29.0	21.9	75.3	16.336	16.9	0.0	0.0	0.0	8.1
4	14.0	30.0	21.4	73.3	15.122	16.8	0.0	0.0	0.0	8.5
5	14.0	32.0	22.7	51.9	14.735	12.5	0.0	0.0	0.0	8.9
6	14.0	28.0	22.5	65.1	17.332	15.2	0.0	0.0	0.0	4.4
7	14.0	30.0	21.8	72.4	17.667	15.6	0.0	0.0	0.0	6.8
8	16.0	30.0	21.5	77.3	20.663	18.0	0.0	0.0	0.0	6.3
9	15.0	28.0	21.8	78.4	20.052	17.6	0.0	5.4	5.4	4.0
10	17.0	26.6	21.6	82.0	20.581	18.2	0.0	0.0	0.0	3.0
11	16.0	28.0	22.6	75.7	20.225	17.7	0.0	3.0	3.0	6.2
12	15.0	29.0	22.3	78.0	20.350	17.7	0.0	0.0	0.0	7.9
13	16.5	29.0	21.9	80.0	21.125	18.4	0.0	0.0	0.0	6.9
14	15.0	28.0	22.0	76.0	19.327	16.9	0.0	0.0	0.0	7.8
15	16.0	27.0	22.4	85.2	20.512	17.9	0.0	0.0	0.1	4.7
16	13.6	29.0	22.1	75.6	15.200	16.8	0.0	0.0	0.0	6.8
17	16.0	30.0	22.5	73.9	15.665	17.2	0.0	0.0	0.0	6.3
18	15.0	30.0	22.6	79.5	21.554	18.7	0.0	0.0	0.0	7.1
19	14.0	31.0	22.4	81.1	21.151	18.2	0.2	0.0	0.2	7.9
20	16.0	28.0	21.6	66.2	17.310	14.9	0.0	3.0	3.0	3.3
21	17.0	28.0	22.4	76.7	20.601	18.0	0.0	0.0	0.0	4.3
22	15.0	30.0	21.8	83.1	21.783	18.8	0.0	0.0	0.0	4.3
23	17.5	27.0	21.1	82.2	20.458	17.8	0.0	0.0	0.0	5.4
24	17.0	28.5	21.6	81.9	20.826	17.5	0.0	2.2	2.2	6.2
25	15.0	27.5	20.6	81.1	19.581	17.5	0.3	0.0	0.3	4.8
26	15.0	30.0	22.4	77.9	20.526	17.9	0.0	0.4	0.4	5.1
27	17.5	27.0	22.2	76.9	20.411	17.8	0.0	0.0	0.0	4.6
28	17.0	33.0	22.6	75.1	18.556	16.3	2.4	0.0	2.4	4.7
29	15.5	30.5	23.0	72.6	15.405	17.0	0.0	0.0	0.0	8.8
30	16.0	31.0	23.7	72.4	20.146	17.6	0.0	0.0	0.0	7.7
31	17.0	29.0	22.8	73.5	20.664	17.7	0.5	0.5	1.0	5.4
PROM.	15.6	28.9	22.1	76.3	15.611	17.3	3.5	8.5	12.0	186.2

M E S - A G O S T O

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	28.5	22.8	79.1	19.213	16.9	4.0	0.0	4.0	6.4
2	17.0	30.0	22.8	71.0	15.166	16.8	0.0	1.0	1.0	5.6
3	16.0	29.0	21.2	81.7	20.477	17.5	0.1	0.0	0.1	4.6
4	14.5	27.5	21.6	79.4	15.664	17.4	10.0	0.0	10.0	4.1
5	16.5	28.0	22.0	78.5	20.333	17.7	0.5	0.0	0.5	7.7
6	16.5	27.0	21.5	80.4	20.222	17.7	0.5	0.0	0.5	2.7
7	17.0	25.5	20.6	88.4	21.553	18.5	0.0	1.2	1.2	0.6
8	17.0	24.5	20.1	89.5	21.208	18.4	0.0	0.8	0.8	1.5
9	13.0	27.5	21.5	78.3	15.317	16.9	0.1	0.8	0.9	3.6
10	17.5	28.5	22.2	76.2	20.121	17.6	2.0	0.0	2.0	3.8
11	13.5	31.0	23.1	63.4	18.055	14.0	0.0	0.0	0.0	8.2
12	13.0	31.0	22.3	71.0	17.872	15.7	0.0	0.0	0.0	8.7
13	13.5	31.0	22.1	70.2	17.768	15.6	0.0	0.0	0.0	6.7
14	16.0	29.0	22.6	77.1	20.344	17.8	0.0	1.1	1.1	4.3
15	16.0	28.0	23.2	75.4	20.648	18.0	0.0	13.6	13.6	9.1
16	15.5	28.0	22.0	82.1	21.387	18.5	24.3	0.0	24.3	5.8
17	14.0	30.5	23.2	71.7	15.443	17.0	0.0	0.0	0.0	8.5
18	14.6	28.6	21.7	82.0	20.506	18.2	1.7	0.0	1.7	4.8
19	15.0	28.6	21.2	82.1	20.113	17.6	0.0	0.4	0.4	4.7
20	15.5	28.0	21.3	75.5	18.734	16.5	0.0	0.0	0.0	8.8
21	13.6	28.3	21.0	77.3	18.668	16.4	0.0	0.0	0.0	9.5
22	13.5	29.0	22.4	74.7	15.331	16.9	0.0	0.0	0.0	9.9
23	15.0	32.0	23.4	64.8	17.662	15.4	0.0	0.0	0.0	7.6
24	12.0	32.6	24.5	44.9	12.325	10.0	1.8	0.0	1.8	8.0
25	12.5	32.5	24.1	63.4	17.135	14.5	0.0	0.0	0.0	4.4
26	14.0	31.0	23.9	69.7	15.366	17.0	0.0	0.0	0.0	8.0
27	16.5	31.0	23.7	59.1	15.509	13.6	0.0	0.0	0.0	5.0
28	13.0	30.6	23.4	68.4	18.650	16.4	3.5	0.1	3.6	2.0
29	16.0	27.0	20.2	78.4	18.455	15.5	33.0	0.0	33.0	7.1
30	14.0	29.4	23.1	72.1	15.378	17.0	0.0	0.0	0.0	6.6
31	15.6	29.5	22.8	80.8	15.674	17.2	0.0	0.0	0.0	4.4
PROM.	15.0	29.1	22.2	74.4	15.077	16.6	81.5	18.4	99.9	186.7

ESTACION: LA JOYA

MUNICIPIO: PEREIRA

AÑO: 1.980

ALTITUD: 1.250

LATITUD: 4-46 N.

LONGITUD: 75-47 W.

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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	27.0	20.3	79.8	18.717	16.3	0.0	23.0	23.0	2.7
2	14.5	29.0	20.0	81.5	18.583	16.7	0.3	0.0	0.3	3.3
3	14.0	29.0	21.5	82.3	20.650	18.0	0.0	0.0	0.0	3.0
4	16.0	29.0	22.2	75.7	15.456	17.1	0.0	1.0	1.0	0.7
5	16.6	29.0	21.9	78.2	20.119	17.6	0.0	0.0	0.0	1.7
6	15.6	30.0	23.1	75.9	20.800	18.1	0.0	0.0	0.0	0.9
7	15.6	29.0	20.9	89.4	22.251	19.1	0.0	0.0	0.0	0.0
8	16.0	30.6	22.4	79.4	21.073	18.3	0.0	0.0	0.0	0.0
9	17.0	29.0	21.7	81.6	20.861	18.2	0.0	0.0	0.0	6.8
10	14.0	28.0	22.8	74.2	19.555	17.4	0.0	0.0	0.0	6.1
11	13.0	28.0	22.4	71.8	17.967	15.7	0.0	0.0	0.0	7.7
12	17.0	31.5	23.4	75.5	21.025	18.3	0.0	0.0	0.0	6.7
13	15.0	29.3	23.7	75.5	21.557	18.7	0.0	0.0	0.0	0.7
14	16.0	26.0	21.3	88.6	22.302	19.2	0.0	0.0	0.0	6.9
15	16.0	28.0	20.0	89.0	21.082	18.3	8.0	0.0	8.0	0.6
16	16.6	28.3	21.8	82.6	21.139	18.4	0.0	0.0	0.0	5.6
17	17.3	29.6	22.0	74.9	19.416	17.0	0.0	0.0	0.0	6.2
18	15.0	30.0	21.8	81.3	20.730	18.0	0.0	0.0	0.0	4.3
19	17.0	28.0	20.0	82.5	19.340	17.0	0.0	48.5	48.5	4.4
20	15.0	27.2	21.4	76.7	18.574	16.6	0.0	0.0	0.0	6.3
21	17.0	26.0	21.4	83.2	21.366	18.6	0.0	0.0	0.0	3.6
22	15.5	27.0	20.8	83.6	20.356	17.8	0.0	0.0	0.0	2.2
23	14.6	28.3	21.7	77.3	19.674	17.2	0.0	0.0	0.0	6.8
24	14.6	30.0	21.8	79.2	19.958	17.4	0.0	0.0	0.0	7.1
25	15.6	30.3	22.4	77.6	20.465	17.8	0.0	0.0	0.0	7.7
26	17.6	28.3	22.1	83.5	22.057	19.1	0.0	0.0	0.0	6.7
27	16.6	30.0	23.0	78.0	21.646	18.7	0.0	0.0	0.0	7.4
28	16.6	28.3	20.1	83.0	19.172	16.6	0.0	0.0	0.0	4.7
29	16.6	26.8	22.2	74.1	19.306	16.9	0.0	0.0	0.0	9.0
30	14.6	29.5	21.7	79.4	19.580	17.4	0.0	0.0	0.0	7.5
PROM.	15.7	28.6	21.7	79.9	20.352	17.7	8.3	72.5	80.8	137.3

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	18.0	23.0	19.9	81.3	21.184	18.4	50.0	0.0	50.0	5.1
2	16.0	28.5	22.0	77.3	19.764	17.2	0.0	10.5	10.5	3.6
3	17.0	30.0	21.3	83.0	21.238	18.4	0.0	0.0	0.0	6.4
4	15.6	29.3	21.8	80.6	20.448	17.8	0.0	25.0	25.0	2.2
5	16.6	26.5	21.0	83.5	20.766	18.1	3.5	0.0	3.5	6.4
6	17.0	27.0	20.1	88.2	20.892	18.2	0.0	13.0	13.0	2.0
7	17.6	26.0	21.0	83.7	20.575	17.9	0.0	0.0	0.0	2.9
8	15.3	29.0	21.8	82.0	20.982	18.2	0.0	0.0	0.0	6.5
9	17.0	29.0	21.9	84.0	21.760	18.8	0.0	0.0	0.0	1.1
10	18.0	24.0	20.6	87.8	21.174	18.4	0.0	0.0	0.0	7.3
11	14.6	27.0	21.2	82.8	20.463	17.9	0.0	0.0	0.0	7.0
12	17.0	29.0	20.9	83.1	20.323	17.7	0.0	0.0	0.0	6.3
13	17.0	30.0	21.6	79.0	20.385	17.8	4.0	0.0	4.0	5.4
14	16.6	28.0	22.3	80.6	21.509	18.7	0.0	48.5	48.5	5.9
15	17.6	28.3	21.9	80.7	20.959	18.2	0.0	0.0	0.0	6.4
16	16.6	29.9	21.9	83.4	21.448	18.7	0.0	0.0	0.0	6.3
17	17.6	26.0	19.8	88.8	20.520	18.2	0.0	0.0	0.0	1.2
18	17.3	26.0	20.5	87.3	21.152	18.4	0.0	21.5	21.5	3.4
19	16.6	28.3	22.3	80.6	21.067	18.3	0.0	2.0	2.0	6.0
20	18.5	24.0	19.6	87.3	22.075	19.1	8.0	9.0	8.0	2.8
21	14.0	27.0	20.8	86.4	21.071	18.3	1.0	0.0	1.0	7.8
22	17.0	28.0	23.1	76.5	21.514	18.7	0.0	0.0	0.0	6.7
23	17.0	28.0	22.6	86.7	23.576	20.1	0.0	0.0	0.0	4.0
24	17.0	30.0	22.9	74.8	20.605	17.9	0.0	0.0	0.0	7.3
25	14.5	29.0	21.6	81.5	20.467	17.8	0.3	0.7	1.0	4.1
26	16.6	28.0	19.7	86.0	20.202	17.6	12.6	0.0	12.6	0.0
27	18.5	31.0	23.6	76.6	21.918	18.9	0.9	0.0	0.9	3.6
28	18.0	29.6	22.3	79.7	21.139	18.4	0.0	9.4	9.4	7.7
29	18.5	28.3	21.2	86.0	21.997	19.0	4.9	0.0	4.9	0.1
30	18.0	28.9	22.5	81.5	21.934	19.0	0.0	0.0	0.0	8.1
31	18.5	30.0	22.4	80.4	21.466	18.6	17.1	0.0	17.1	7.5
PROM	16.9	27.9	21.5	83.3	21.136	18.3	102.3	126.6	228.9	151.1

ESTACION: LA JGYA
 ALTITUD: 1.250

MUNICIPIO: FEZEIRA
 LATITUD: 4-46 N.

AÑO: 1.980
 LONGITUD: 75-47 W.

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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	18.0	27.3	21.5	83.9	21.216	18.5	0.0	18.9	18.9	5.1
2	17.0	27.0	21.6	82.7	20.536	18.1	0.0	0.3	0.3	3.3
3	18.0	25.0	20.6	81.1	19.847	17.4	4.9	0.0	4.9	5.2
4	17.0	28.0	21.0	82.5	20.604	18.0	0.0	0.8	0.8	6.0
5	17.0	25.0	19.8	85.7	19.515	17.4	40.8	0.7	41.5	0.3
6	16.0	27.3	20.6	81.7	19.649	17.2	0.0	0.0	0.0	6.2
7	16.0	27.0	21.5	76.4	15.325	16.9	0.0	5.8	5.8	6.6
8	16.5	27.3	21.7	81.4	19.755	17.3	0.0	0.0	0.0	6.6
9	13.0	27.3	20.5	78.4	18.667	16.4	0.0	0.0	0.0	8.3
10	16.0	27.0	21.1	76.5	19.850	17.4	0.0	0.0	0.0	7.9
11	17.0	28.0	22.4	76.5	20.438	17.8	0.0	0.0	0.0	3.5
12	16.0	28.0	20.4	86.3	20.511	17.9	0.0	0.0	0.0	0.5
13	16.5	26.0	20.7	82.7	20.150	17.6	0.0	3.5	3.5	3.0
14	17.0	27.3	19.7	90.5	20.661	16.0	2.1	1.1	3.2	2.1
15	17.0	26.5	21.0	86.8	22.014	15.0	0.0	19.6	19.6	3.2
16	17.0	27.5	19.5	86.3	19.575	17.2	1.4	0.0	1.4	3.8
17	16.5	23.5	21.8	80.0	20.647	18.2	0.0	0.3	0.3	6.8
18	16.0	27.5	20.7	83.5	20.670	18.0	0.0	0.0	0.0	4.7
19	15.0	24.0	21.2	80.5	20.013	17.5	0.0	0.0	0.0	7.0
20	16.0	28.0	21.7	80.3	20.479	17.5	0.0	31.1	31.1	E.1
21	17.0	27.3	21.4	85.7	21.646	16.9	0.0	0.0	0.0	2.4
22	16.5	26.0	20.3	83.6	15.770	17.3	0.0	1.6	1.6	4.9
23	17.0	26.5	20.3	85.6	20.204	17.7	0.0	1.4	1.4	1.0
24	17.5	25.0	20.2	86.7	20.476	17.8	10.4	2.5	12.9	2.0
25	17.0	29.0	21.5	83.3	21.517	18.7	0.7	22.6	23.3	7.9
26	17.5	27.0	21.5	80.6	20.502	17.9	0.0	0.0	0.0	4.8
27	17.0	26.0	20.9	87.5	22.067	15.1	0.1	4.8	4.9	6.4
28	17.0	25.0	21.2	78.4	15.730	17.3	0.0	0.0	0.0	7.2
29	17.0	26.0	20.9	85.4	21.233	18.4	2.5	0.0	2.5	3.0
30	14.0	27.3	20.6	82.8	15.658	17.2	0.0	0.0	0.0	8.3
PROM.	16.5	27.0	20.9	82.8	20.407	17.8	63.0	115.0	178.0	152.3

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	16.6	26.0	20.6	86.4	21.276	16.5	0.3	0.0	0.3	5.4
2	13.5	23.5	21.7	75.0	18.589	16.6	0.0	0.2	0.2	5.5
3	17.0	29.0	22.4	72.4	15.325	16.9	0.1	9.0	9.1	7.1
4	16.6	28.0	20.8	81.0	15.575	17.5	1.3	1.9	3.2	6.1
5	16.5	29.0	21.3	79.7	20.080	17.6	0.0	0.0	0.0	8.9
6	16.0	29.0	22.1	80.0	20.651	18.2	0.0	0.0	0.0	8.0
7	16.4	29.5	22.2	77.5	20.421	17.8	0.0	0.0	0.0	7.3
8	17.0	29.5	20.7	87.5	21.542	18.7	0.9	0.0	0.9	0.0
9	16.4	27.3	21.6	80.0	20.513	17.9	0.0	0.0	0.0	4.8
10	16.0	29.5	22.5	75.6	15.547	17.4	0.0	0.0	0.0	6.3
11	16.5	28.0	21.7	75.4	20.473	17.9	0.0	0.0	0.0	3.1
12	17.0	27.3	22.0	78.5	20.454	17.8	0.0	15.9	15.9	2.2
13	17.0	25.0	20.6	83.5	20.212	17.7	0.1	0.0	0.1	2.0
14	15.5	29.0	21.0	82.8	20.473	17.8	9.6	25.0	34.6	5.4
15	17.0	28.5	21.6	81.7	20.751	18.1	0.0	0.0	0.0	4.6
16	18.0	29.6	21.2	82.3	20.531	17.9	5.9	0.0	5.9	6.1
17	16.6	25.0	19.7	87.4	20.237	17.7	0.0	0.0	0.0	1.7
18	15.6	28.0	22.0	78.6	20.467	17.9	0.0	0.0	0.0	6.9
19	18.5	29.0	22.4	80.1	21.261	18.4	0.0	0.0	0.0	7.3
20	18.0	29.0	21.8	81.7	21.355	18.6	0.0	0.0	0.0	6.6
21	17.5	26.0	22.6	79.1	21.058	18.2	0.0	0.0	0.0	4.0
22	15.5	24.0	21.3	80.3	20.045	17.5	0.0	0.0	0.0	6.9
23	17.0	28.0	22.6	81.7	21.606	18.8	0.0	33.9	33.9	5.4
24	17.0	33.0	23.2	78.7	21.622	18.7	0.0	18.2	18.2	6.3
25	17.0	27.0	20.4	84.0	20.316	17.7	20.1	0.4	20.5	3.7
26	16.0	27.5	21.1	77.1	18.561	16.6	0.0	8.2	8.2	6.2
27	16.0	28.0	21.4	79.3	15.666	17.4	0.0	1.5	1.5	8.3
28	14.0	26.0	21.1	81.8	15.836	17.3	0.0	0.9	0.9	7.4
29	14.6	26.0	20.9	83.1	20.235	17.7	0.5	1.2	1.7	8.5
30	17.3	26.5	21.1	85.3	21.130	18.4	0.0	61.1	61.1	1.8
31	15.0	26.5	20.1	84.1	15.425	17.0	5.3	0.0	5.3	3.8
PROM.	16.4	27.9	21.5	80.9	20.438	17.8	44.1	177.4	221.5	171.6

ESTACION: LA JOYA

MUNICIPIO PEREIRA

AÑO: 1.980

ALTITUD: 1.250

LATITUD: 4-46 N.

LONGITUD: 75-47 W.

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MESES	TEMPERATURA °C					Humedad relativa % ₀	Tensión vapor mb.	Punto roció °C	PRECIPITACION		Brillo solar horas	
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias		
ENERO	16.5	28.6	22.1	15.0	32.0	76.9	20.421	17.8	133.3	15	185.8	
FEBRERO	16.7	28.6	22.1	15.0	31.6	75.1	20.365	17.8	43.3	11		
MARZO	16.3	29.8	22.4	13.0	32.6	76.0	20.423	17.8	72.4	11	182.6	
ABRIL	16.5	29.0	22.4	13.0	32.0	80.2	21.231	18.4	109.2	17	168.7	
MAYO	17.0	27.6	21.9	14.6	31.0	84.7	22.028	19.0	229.2	23	143.8	
JUNIO	16.4	28.0	21.8	13.0	31.0	81.7	21.145	18.3	131.6	16	158.4	
JULIO	15.6	28.9	22.1	13.6	32.0	76.3	15.811	17.3	12.0	8	188.2	
AGOSTO	15.0	29.1	22.2	12.0	32.6	74.4	15.077	16.6	99.9	18	186.7	
SEPTIEMBRE	15.7	28.6	21.7	13.0	31.6	75.5	20.352	17.7	80.8	5	137.3	
OCTUBRE	16.9	27.9	21.5	14.0	31.0	83.3	21.136	16.3	228.9	17	151.1	
NOVIEMBRE	16.5	27.0	20.9	13.0	29.0	82.8	20.407	17.8	178.0	19	152.3	
DICIEMBRE	16.4	27.9	21.5	13.6	30.0	80.9	20.438	17.8	221.5	18	171.6	
PROMEDIO	16.3	28.5	21.9	13.6	31.4	80.0	20.571	17.9				
TOTAL										1540.1	160	

ESTACION: LA TRINIDAD

MUNICIPIO: LIBANO

AÑO: 1.980

ALTITUD: 1.430

LATITUD: 4-55 N.

LONGITUD: 75-04 W.

182

M E S - ENEFO

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	23.3	19.4	51.5	21.241	18.4	0.0	4.2	4.2	0.8
2	16.5	22.8	19.5	55.2	21.522	18.6	0.0	0.0	0.0	3.3
3	14.3	24.4	20.0	64.1	19.504	17.3	0.0	0.0	0.0	6.6
4	15.1	23.0	19.3	77.4	17.276	15.1	0.0	0.2	0.2	3.6
5	15.0	24.5	18.9	66.6	19.446	16.7	0.0	0.0	0.0	7.9
6	13.3	23.0	20.9	85.2	21.257	18.4	0.0	0.0	0.0	7.6
7	14.6	23.6	21.3	78.2	19.571	17.4	0.0	0.0	0.0	10.1
8	15.5	23.4	20.2	60.3	19.164	16.8	0.0	0.0	0.0	10.1
9	15.0	23.1	20.0	60.3	19.676	16.7	0.0	0.0	0.0	5.1
10	16.2	23.0	20.5	87.7	21.150	18.4	0.0	0.7	0.7	5.5
11	17.0	23.8	19.9	69.5	20.554	18.3	0.0	0.0	0.0	5.8
12	16.0	24.0	19.7	81.6	16.758	16.5	0.0	0.0	0.0	4.4
13	15.5	24.0	19.4	76.5	17.718	15.6	0.0	0.2	0.2	0.0
14	16.7	24.4	19.3	79.6	16.667	15.9	0.0	11.5	11.5	5.2
15	15.4	23.4	19.5	50.0	20.320	17.7	0.0	2.4	2.4	2.0
16	16.2	23.7	18.4	82.2	17.623	15.5	0.0	0.0	0.0	3.2
17	16.9	23.0	19.2	64.6	19.128	16.7	0.0	0.0	0.0	5.2
18	17.2	23.5	19.7	87.3	20.354	17.6	0.0	0.1	0.1	3.6
19	17.1	23.8	19.5	68.2	19.663	17.2	13.2	0.0	13.2	1.4
20	16.0	23.3	19.3	90.4	20.305	17.7	0.3	0.0	0.3	2.2
21	16.4	23.7	20.4	60.4	19.126	16.6	0.0	0.0	0.0	2.0
22	16.0	23.7	19.4	86.0	19.225	17.1	0.0	1.5	1.5	6.2
23	16.6	24.4	20.3	50.2	21.215	18.4	0.0	0.0	0.0	4.4
24	17.4	22.2	19.0	54.4	20.765	18.1	0.7	0.0	0.7	1.5
25	15.5	23.6	21.3	63.6	20.662	18.1	0.0	0.0	0.0	8.3
26	14.5	23.5	20.5	71.1	16.546	14.9	0.0	0.0	0.0	10.2
27	13.5	23.8	20.6	63.3	19.457	13.3	0.0	0.0	0.0	5.4
28	17.4	24.7	19.5	55.4	21.115	18.5	23.5	0.0	23.5	1.8
29	16.4	23.4	20.7	85.2	20.678	18.2	0.0	16.5	16.5	3.2
30	16.5	21.4	18.1	54.0	19.777	17.3	1.5	0.0	1.5	0.1
31	14.7	23.5	18.9	68.4	19.406	16.8	0.0	11.3	11.3	4.7
PROM.	16.0	24.3	19.8	64.5	19.632	17.1	39.2	49.2	88.4	15.0

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	15.4	23.0	18.1	50.6	19.306	16.9	4.9	3.5	8.6	0.9
2	14.7	22.5	18.8	52.0	20.123	17.6	0.0	0.0	0.0	0.7
3	16.6	20.5	17.8	57.5	19.554	17.5	24.8	39.1	63.9	0.2
4	15.4	21.3	18.1	93.3	18.663	17.1	4.8	0.3	5.1	0.2
5	16.3	23.2	19.6	79.7	18.365	16.0	0.0	10.0	10.0	1.7
6	16.3	21.5	18.8	69.6	19.651	17.1	5.8	0.0	5.8	0.1
7	14.0	23.9	19.7	64.6	19.371	17.0	0.0	0.0	0.0	5.9
8	15.5	24.5	19.0	64.0	18.674	16.4	0.0	1.3	1.3	5.4
9	16.5	23.7	20.4	63.3	19.662	17.4	0.0	0.0	0.0	6.1
10	15.3	23.7	20.4	80.4	19.411	16.5	0.0	0.0	0.0	6.3
11	15.4	23.7	20.2	84.7	20.254	17.6	0.0	0.0	0.0	7.2
12	14.1	26.5	21.9	71.6	18.702	16.3	0.0	0.0	0.0	10.2
13	16.0	25.8	21.2	65.4	21.038	18.7	0.0	0.0	0.0	5.2
14	15.0	25.8	20.5	73.4	18.267	15.8	0.0	0.0	0.0	8.0
15	18.0	23.2	20.0	83.7	19.740	17.3	0.0	0.0	0.0	5.7
16	17.4	23.0	20.1	87.5	20.704	17.5	0.0	0.0	0.0	2.0
17	16.7	22.7	18.4	56.4	20.664	18.0	0.8	19.7	19.7	2.2
18	15.3	24.8	19.9	65.4	19.807	17.3	0.0	0.0	0.0	6.9
19	17.0	23.0	20.7	68.4	21.757	18.8	0.0	1.3	1.3	3.7
20	16.6	22.0	18.4	51.2	19.456	17.1	0.9	0.0	0.9	1.4
21	15.1	22.0	18.2	93.3	19.666	17.2	0.0	0.0	0.0	0.2
22	16.5	24.0	20.4	83.3	19.524	17.4	0.0	0.0	0.0	6.3
23	16.0	23.5	19.5	77.5	17.545	15.4	0.0	0.0	0.0	7.5
24	15.7	24.5	20.1	84.6	20.117	17.6	0.0	0.1	0.1	7.0
25	17.0	25.5	20.8	85.4	21.020	18.2	0.0	0.0	0.0	2.3
26	17.5	24.5	20.3	69.0	19.251	16.5	0.0	0.0	0.0	7.0
27	14.6	23.5	20.0	76.1	18.122	15.8	0.0	0.0	0.0	7.9
28	14.4	23.5	19.9	76.0	17.660	15.5	0.0	0.0	0.0	7.2
29	15.1	23.4	20.2	63.5	20.021	17.5	0.0	0.0	0.0	8.5
PROM.	15.8	24.2	19.7	65.0	19.612	17.1	42.0	75.7	117.7	136.5

ESTACION: LA TRINIDAD

MUNICIPIO: LIEANO

AÑO: 1.980

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	15.0	25.3	15.8	79.7	18.348	16.1	0.0	0.0	0.0	6.7
2	15.6	25.5	20.8	72.9	17.774	15.5	0.0	0.4	0.4	6.2
3	15.2	25.4	20.7	81.0	19.864	17.3	0.0	0.0	0.0	4.1
4	16.6	24.3	20.3	84.8	20.064	17.5	0.0	22.1	22.1	4.2
5	17.1	24.1	20.3	86.1	20.340	17.7	0.0	0.0	0.0	3.2
6	15.2	24.6	20.2	78.2	18.512	16.2	0.0	0.0	0.0	7.6
7	16.0	24.7	15.0	86.0	19.162	16.8	0.0	8.6	8.6	4.3
8	16.4	25.6	20.5	78.4	18.572	16.7	0.0	0.0	0.0	6.6
9	16.0	27.8	20.9	71.1	17.222	15.2	0.0	0.0	0.0	7.7
10	16.4	26.5	21.1	79.8	19.821	17.3	0.0	0.0	0.0	5.6
11	16.3	26.8	21.6	74.2	19.123	16.8	0.0	0.0	0.0	8.2
12	16.5	27.6	21.5	72.5	18.561	16.2	0.0	0.0	0.0	6.9
13	16.6	27.4	21.3	77.0	19.223	16.9	0.0	0.0	0.0	8.1
14	17.0	23.7	20.5	87.6	21.223	18.4	1.5	0.0	1.5	0.0
15	17.0	24.6	20.4	86.5	20.633	18.1	2.1	2.9	5.0	0.9
16	15.0	26.8	20.9	76.2	18.668	16.4	0.0	21.3	21.3	6.1
17	17.5	24.7	21.6	80.2	20.621	18.0	0.0	17.5	17.5	4.2
18	16.3	24.0	19.8	81.2	18.759	16.5	0.8	0.8	1.6	0.6
19	17.0	23.2	19.4	91.5	20.547	17.9	0.7	3.9	4.6	0.8
20	16.3	25.3	20.2	82.6	20.176	17.0	0.0	0.0	0.0	7.3
21	15.9	24.5	19.8	83.5	19.527	17.6	4.1	53.8	57.9	3.5
22	15.4	24.4	19.0	84.8	18.769	16.4	3.5	0.0	3.5	3.5
23	17.0	24.7	19.4	86.5	20.253	17.2	0.0	0.0	0.0	5.4
24	17.0	26.2	22.2	74.4	20.054	17.5	0.0	0.2	0.2	6.2
25	17.4	24.5	20.5	86.2	20.726	18.1	0.0	0.0	0.0	4.5
26	17.0	25.4	21.8	75.4	19.717	17.2	0.0	0.0	0.0	6.2
27	17.0	27.2	23.5	62.3	18.073	15.5	0.0	0.0	0.0	8.4
28	18.0	27.9	23.6	64.2	18.655	16.4	0.0	0.0	0.0	6.1
29	18.0	27.5	22.0	72.6	19.572	17.1	0.0	0.0	0.0	6.3
30	16.7	22.6	19.6	89.6	20.522	18.2	0.5	0.0	0.5	0.3
31	16.5	25.8	21.3	78.2	20.177	17.6	0.0	0.0	0.0	8.8
PROM.	16.5	25.5	20.2	79.6	19.457	17.0	13.2	131.5	144.7	160.7

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	27.3	21.9	67.5	17.514	15.4	0.0	0.2	0.2	9.0
2	17.1	24.6	19.5	85.0	20.049	17.4	0.0	12.8	12.8	3.5
3	16.9	26.0	20.6	86.6	21.477	18.6	0.0	0.0	0.0	4.5
4	17.5	25.0	20.8	85.4	20.561	18.2	0.0	0.0	0.0	3.2
5	17.0	24.5	20.1	87.3	20.626	18.0	0.0	0.0	0.0	2.8
6	17.0	22.7	18.6	90.7	19.562	17.1	3.7	1.6	5.3	1.1
7	16.5	22.5	18.4	95.5	20.309	17.7	2.1	1.8	3.9	0.0
8	16.5	23.4	18.8	90.1	19.802	17.3	2.0	0.0	2.0	1.0
9	16.7	24.2	20.1	63.0	19.833	17.3	0.6	0.0	0.6	3.7
10	16.6	23.4	18.2	69.3	19.375	17.1	1.8	0.0	1.8	3.2
11	15.0	24.8	20.4	77.2	18.525	16.3	0.0	6.2	6.2	5.1
12	16.7	24.9	20.3	81.9	19.228	16.5	0.0	0.0	0.0	5.4
13	16.4	24.5	20.0	84.1	20.005	17.5	0.0	12.0	12.0	6.0
14	16.9	24.9	20.4	88.4	21.259	18.5	0.4	1.5	1.9	2.4
15	16.2	24.2	19.6	87.3	20.061	17.6	0.3	0.0	0.3	3.6
16	15.6	25.5	19.6	83.8	19.407	17.0	0.0	0.0	0.0	8.4
17	15.5	24.6	20.4	81.2	19.596	17.1	0.0	0.0	0.0	3.2
18	15.4	25.6	20.7	89.1	19.650	17.2	0.0	0.0	0.0	7.3
19	16.0	27.5	22.9	65.6	18.041	15.8	0.0	0.0	0.0	9.8
20	18.4	26.6	21.0	71.9	18.116	15.9	0.0	0.0	0.0	7.4
21	18.9	23.4	20.2	79.2	19.040	16.7	0.1	26.4	26.5	1.8
22	17.0	22.7	20.3	88.9	21.138	18.4	6.6	7.2	13.8	0.7
23	17.1	24.5	20.2	90.7	22.063	19.0	0.0	0.0	0.0	2.7
24	17.0	21.5	19.0	63.2	20.365	17.2	0.1	0.0	0.1	0.1
25	16.4	22.5	19.0	63.0	20.675	18.0	0.1	29.4	29.5	2.0
26	16.2	22.4	17.5	96.1	19.823	17.4	0.6	0.0	0.6	1.6
27	14.0	26.0	20.0	74.6	18.325	16.0	0.0	0.0	0.0	10.9
28	16.9	25.0	22.0	77.2	20.572	18.2	0.0	11.8	11.8	6.0
29	16.9	25.1	21.1	85.5	21.453	18.6	0.0	2.3	2.3	7.4
30	17.0	24.6	20.3	85.0	20.580	18.2	0.0	17.6	17.6	6.4
PROM.	16.6	24.4	20.2	84.2	19.956	17.4	18.4	130.8	149.2	132.2

ESTACION: LA TRINIDAD

MUNICIPIO: LIBANO

AÑO: 1.980

ALTITUD: 1.430

LATITUD: 4-55 N.

LONGITUD: 75-04 W.

184

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	23.6	19.4	94.5	21.366	18.5	0.0	1.7	1.7	2.1
2	15.5	24.4	20.3	84.4	20.172	17.6	0.0	3.2	3.2	3.1
3	16.0	23.4	19.4	93.0	21.045	18.3	0.0	0.0	0.0	0.9
4	14.0	23.9	19.4	79.6	16.302	16.0	0.0	0.0	0.0	7.2
5	16.2	25.5	20.5	79.2	19.267	16.9	0.1	1.0	1.1	7.7
6	17.0	22.5	19.7	90.7	20.616	16.0	0.0	0.1	0.1	2.4
7	16.8	24.5	21.2	78.0	19.436	17.1	0.0	25.3	25.3	8.4
8	17.0	23.2	20.4	84.1	20.055	17.5	0.0	4.3	4.3	2.3
9	17.0	23.0	21.3	85.3	21.135	18.4	1.5	1.1	2.6	5.6
10	17.0	23.8	21.5	82.4	21.146	16.3	0.0	0.0	0.0	6.8
11	17.3	26.7	21.5	82.6	21.343	18.5	0.0	0.0	0.0	9.2
12	16.1	26.7	22.2	72.2	19.066	16.8	0.0	3.3	3.3	9.7
13	18.5	23.9	20.5	89.2	21.665	16.7	0.0	0.0	0.0	0.0
14	17.0	23.3	20.4	87.2	20.874	18.1	8.8	44.7	53.5	2.8
15	16.5	23.1	19.9	93.3	21.055	18.3	0.9	0.0	0.9	1.2
16	17.2	23.8	20.6	87.3	21.165	18.4	3.2	0.0	3.2	5.2
17	18.0	23.5	20.5	90.0	21.203	18.5	0.9	6.4	7.3	4.0
18	18.0	23.7	20.5	86.4	20.823	17.9	0.7	12.6	13.3	1.4
19	16.8	23.4	19.6	75.8	19.667	17.2	0.0	0.1	0.1	4.3
20	17.1	21.8	19.9	89.5	21.129	18.3	0.0	0.0	0.0	9.3
21	17.7	22.4	20.2	85.7	21.272	18.9	0.0	0.0	0.0	2.1
22	16.6	23.5	20.5	82.9	20.154	17.6	0.0	28.6	28.6	6.8
23	16.5	22.8	19.9	86.3	19.503	17.4	0.0	0.2	0.2	4.0
24	17.3	23.8	21.1	83.4	20.576	16.3	0.0	0.6	0.6	4.5
25	18.0	23.0	20.2	88.6	20.678	16.2	0.0	27.9	27.9	0.6
26	16.9	22.9	19.4	91.2	20.578	18.0	0.0	0.0	0.0	1.2
27	16.4	23.0	19.0	76.6	19.356	17.0	0.0	0.0	0.0	3.3
28	14.1	25.9	21.0	65.5	16.951	16.7	0.0	0.0	0.0	9.6
29	16.2	24.8	21.1	77.6	19.500	17.0	0.1	27.0	27.1	3.2
30	17.0	23.7	19.9	87.6	20.663	18.0	0.0	0.6	0.6	6.7
31	17.1	23.7	20.0	87.3	20.645	18.0	5.6	13.5	19.1	4.9
PROM.	16.8	24.3	20.4	85.2	20.450	17.8	21.8	202.2	224.0	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	18.0	24.5	19.8	94.3	20.563	18.0	17.9	32.7	50.6	1.0
2	16.0	20.0	17.8	84.5	19.129	16.8	12.7	0.0	12.7	0.0
3	15.0	23.1	19.4	88.0	20.058	17.5	0.0	1.0	1.0	5.5
4	17.0	24.0	19.7	87.6	20.249	17.7	0.2	0.0	0.2	5.5
5	17.2	21.7	19.6	91.1	21.056	18.3	0.0	0.0	0.0	4.2
6	16.4	25.0	21.3	78.1	19.762	17.3	0.0	2.1	2.1	2.4
7	18.1	24.6	20.6	86.6	20.968	18.3	0.0	0.0	0.0	2.2
8	16.0	26.3	21.0	75.3	18.746	16.5	0.0	0.0	0.0	9.4
9	16.6	25.3	20.6	81.4	20.317	17.7	0.0	18.7	18.7	5.3
10	16.6	22.0	18.8	84.3	20.535	17.9	0.3	1.9	2.2	1.1
11	16.5	23.9	19.3	90.3	21.070	18.3	0.1	1.3	1.4	3.8
12	16.4	22.6	19.4	91.6	20.645	18.1	0.2	23.4	23.6	0.4
13	15.7	22.2	18.7	91.9	19.872	17.4	0.1	0.0	0.1	3.0
14	15.7	24.3	20.6	79.6	19.769	17.3	0.0	0.0	0.0	10.0
15	15.0	27.3	20.8	61.2	15.221	13.3	0.0	0.0	0.0	11.0
16	15.4	27.0	21.3	68.9	17.604	15.6	0.0	0.0	0.0	6.8
17	16.5	25.6	20.9	80.9	19.453	17.0	0.0	0.0	0.0	6.8
18	17.5	25.2	20.7	78.9	19.419	17.0	0.0	0.9	0.9	6.7
19	17.6	24.5	21.3	77.9	19.341	17.0	0.1	13.3	13.4	2.7
20	16.9	18.0	17.2	96.3	18.618	16.6	3.0	0.0	3.0	0.0
21	16.6	23.7	19.5	85.5	19.058	16.7	0.0	0.0	0.0	4.4
22	16.2	25.1	20.4	71.3	17.171	15.1	0.0	0.0	0.0	7.9
23	15.3	25.0	21.0	79.4	19.700	17.3	0.0	0.0	0.0	9.9
24	15.5	25.6	21.2	77.0	19.554	17.2	0.0	0.0	0.0	9.6
25	17.5	25.7	21.5	88.6	23.077	19.7	0.0	0.0	0.0	9.6
26	17.2	24.2	19.6	89.7	20.656	17.8	0.0	0.0	0.0	1.6
27	16.6	24.8	20.1	81.3	19.014	16.7	0.3	0.0	0.3	9.1
28	14.1	25.8	20.9	61.3	15.164	13.2	0.0	0.0	0.0	6.9
29	15.7	26.3	21.6	67.0	16.677	14.8	0.0	0.0	0.0	9.2
30	15.1	26.0	21.3	69.2	17.324	15.3	0.1	4.8	4.9	8.2
PROM.	16.3	24.4	20.2	82.0	19.360	16.9	35.0	100.1	135.1	170.3

ESTACION: LA TRINICAD

MUNICIPIO: LIBANO

AÑO: 1.980

ALTITUD: 1.430

LATITUD: 4-55 N.

LONGITUD: 75-04 W.

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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	14.8	24.3	19.5	79.7	17.544	15.8	0.0	0.0	0.0	5.6
2	16.9	26.8	20.5	75.0	18.216	16.0	0.0	0.0	0.0	10.2
3	15.5	25.8	20.2	68.0	16.030	14.0	0.0	0.0	0.0	10.2
4	14.6	26.6	20.8	64.2	15.445	13.5	0.0	0.0	0.0	11.4
5	14.6	26.0	20.5	64.6	15.002	13.0	0.0	0.0	0.0	9.9
6	14.5	25.6	20.2	60.5	14.362	12.3	0.0	0.0	0.0	6.8
7	14.5	25.2	20.6	67.2	16.354	14.4	0.0	0.0	0.0	6.4
8	16.5	26.3	20.8	76.2	18.774	16.5	0.0	0.0	0.0	8.0
9	15.0	23.7	19.6	85.6	19.505	17.0	0.5	1.0	1.5	3.7
10	17.0	23.7	19.8	89.5	20.775	16.1	1.5	0.0	1.5	1.5
11	15.2	24.6	19.9	74.9	17.250	15.2	0.0	0.0	0.0	3.6
12	15.5	26.5	21.4	71.2	18.447	16.2	0.0	5.5	5.5	10.0
13	16.3	26.2	21.1	72.6	17.885	15.7	0.0	0.0	0.0	7.4
14	16.4	26.0	21.4	67.8	17.211	15.1	0.0	0.0	0.0	8.0
15	15.2	24.5	19.8	73.7	17.156	15.1	0.0	0.0	0.0	5.4
16	13.6	24.9	20.1	72.9	16.831	14.6	0.0	0.0	0.0	6.3
17	14.4	26.5	21.3	61.6	15.260	13.3	0.0	0.0	0.0	8.8
18	14.5	27.2	21.2	61.7	15.125	13.1	0.0	0.0	0.0	8.6
19	15.6	26.2	21.2	73.1	18.161	16.0	0.0	0.0	0.0	5.5
20	16.0	27.2	20.6	76.2	18.606	16.4	0.0	0.0	0.0	6.6
21	17.6	23.8	19.6	64.0	15.440	17.2	0.0	0.0	0.0	6.2
22	14.5	27.1	21.7	63.1	16.214	14.2	0.0	0.5	0.5	10.5
23	16.9	26.8	21.9	64.4	16.027	13.6	0.0	1.3	1.3	8.5
24	15.3	24.7	20.2	75.8	17.854	15.4	0.0	0.0	0.0	7.6
25	15.1	25.8	20.4	73.0	17.746	15.6	0.0	27.0	27.0	7.3
26	15.0	25.5	21.1	76.4	19.105	16.7	0.0	0.0	0.0	10.6
27	17.0	26.0	21.2	78.5	19.744	17.3	0.0	7.7	7.7	5.0
28	15.6	23.2	19.4	82.5	18.825	16.6	0.0	0.0	0.0	4.2
29	16.0	25.0	20.3	85.7	20.457	17.9	1.6	0.0	1.6	7.2
30	16.0	26.6	22.2	70.2	18.628	16.4	0.0	8.7	8.7	10.7
31	15.4	25.4	20.1	77.2	18.650	15.9	0.0	0.5	0.5	6.9
PROM.	15.5	25.6	20.6	73.2	17.628	15.4	3.6	52.6	56.2	234.8

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	14.4	24.0	19.1	75.2	16.741	14.7	0.0	0.0	0.0	10.4
2	15.3	26.5	20.4	71.6	17.031	15.0	0.0	1.2	1.2	7.4
3	16.0	26.5	21.8	72.3	19.210	16.8	0.0	0.0	0.0	10.2
4	16.6	25.5	21.4	77.7	19.419	17.3	0.0	26.1	26.1	7.7
5	15.4	22.5	19.3	89.2	20.002	17.4	0.0	1.6	1.6	3.8
6	16.0	23.8	20.0	80.6	15.821	16.7	0.0	0.0	0.0	3.2
7	16.6	24.9	20.6	82.8	20.058	17.6	0.0	1.0	1.0	5.5
8	17.0	21.4	18.5	95.6	20.776	18.1	0.1	0.0	0.1	0.0
9	14.7	24.4	20.9	78.3	16.387	16.1	0.0	11.5	11.5	7.3
10	15.3	24.2	19.2	76.4	16.471	14.8	0.0	0.0	0.0	7.5
11	14.5	25.6	20.1	58.5	13.752	11.7	0.0	0.0	0.0	8.6
12	13.9	27.2	21.1	56.3	13.853	11.8	0.0	0.0	0.0	11.2
13	14.4	27.4	20.8	66.2	16.225	14.2	0.0	0.1	0.1	11.0
14	16.9	22.9	20.3	82.5	19.663	17.2	0.7	0.0	0.7	2.8
15	16.0	26.4	21.5	69.6	17.754	15.6	0.0	0.0	0.0	8.5
16	16.8	24.7	20.0	70.2	16.350	14.4	0.0	0.0	0.0	6.8
17	15.0	24.5	20.1	81.4	19.115	16.8	0.0	0.0	0.0	6.6
18	16.2	22.2	18.9	90.3	19.546	17.4	14.5	0.0	14.5	3.9
19	14.0	24.0	19.7	71.0	16.823	14.0	0.0	0.0	0.0	5.8
20	15.6	22.8	17.9	90.5	18.500	16.6	0.8	0.0	0.8	2.5
21	13.6	25.7	19.4	67.7	15.334	13.4	0.0	0.0	0.0	10.9
22	13.6	24.8	20.6	74.3	17.525	15.7	0.0	1.8	1.8	7.5
23	14.0	25.0	18.7	75.9	16.126	14.1	0.0	0.0	0.0	10.6
24	13.5	27.0	20.3	58.2	13.549	11.9	0.0	0.0	0.0	10.1
25	14.0	27.3	21.7	65.0	13.874	11.9	0.0	2.2	2.2	9.1
26	16.0	27.6	21.3	58.2	14.476	12.4	0.0	0.0	0.0	7.8
27	15.0	26.9	19.9	63.8	14.302	12.2	0.0	0.0	0.0	8.4
28	14.0	26.4	21.3	60.8	15.353	13.4	0.0	0.3	0.3	7.7
29	16.0	24.6	20.1	74.9	17.401	15.1	0.2	0.0	0.2	1.5
30	14.3	25.6	20.1	72.0	16.623	14.7	0.0	0.0	0.0	7.2
31	14.8	27.2	22.0	67.5	17.482	15.2	0.0	22.2	22.2	9.3
PROM.	15.1	25.2	20.3	73.0	17.184	15.0	16.3	68.0	84.3	221.2

ESTACION: LA TRINIDAD

MUNICIPIO: LIANO

AÑO: 1980

ALTITUD: 1.430

LATITUD: 4-55 N.

LONGITUD: 75-04 W.

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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	24.8	19.8	81.5	16.754	16.5	3.8	17.6	21.4	8.5
2	15.6	24.4	20.2	82.6	15.515	17.1	0.0	0.0	0.0	7.6
3	16.0	23.6	19.4	85.4	15.257	16.9	0.0	0.0	0.0	4.1
4	17.0	26.2	21.5	80.7	20.450	17.8	0.0	20.3	20.3	6.9
5	16.0	25.2	19.9	80.9	18.661	16.4	0.0	0.0	0.0	6.6
6	16.8	26.7	21.0	67.5	16.164	14.1	0.0	0.0	0.0	5.7
7	15.0	26.6	21.8	63.5	16.324	14.3	0.0	0.0	0.0	5.6
8	16.2	27.0	21.7	71.0	16.356	16.1	0.0	16.7	16.7	9.2
9	16.7	25.0	20.1	85.4	20.579	17.9	0.0	0.0	0.0	7.4
10	14.4	26.6	20.6	63.2	15.149	13.2	0.0	0.0	0.0	7.0
11	14.8	27.3	21.7	58.1	14.667	12.9	0.0	0.0	0.0	5.5
12	17.0	27.4	20.3	67.6	15.651	13.8	0.0	0.0	0.0	7.6
13	15.4	27.3	20.9	68.7	16.456	14.4	0.0	0.0	0.0	6.4
14	16.6	25.8	21.2	76.9	15.652	17.2	0.0	5.7	5.7	8.3
15	17.6	23.7	19.6	87.1	20.066	17.6	0.0	0.9	0.9	2.4
16	17.0	22.6	19.5	91.5	20.660	18.2	1.8	0.0	1.8	0.5
17	13.6	25.8	21.5	64.0	16.185	14.2	0.0	0.0	0.0	9.9
18	16.4	26.2	21.2	79.1	20.068	17.6	0.0	4.7	4.7	5.0
19	17.0	22.2	16.6	93.0	19.550	17.5	3.6	0.0	3.6	2.1
20	16.7	25.2	21.5	77.9	20.020	17.5	0.0	61.8	61.8	8.5
21	16.2	24.1	20.6	81.6	19.746	17.3	0.0	0.0	0.0	6.0
22	16.0	21.9	16.0	90.2	18.662	16.6	0.3	0.0	0.3	2.4
23	14.5	25.4	20.2	71.5	16.644	14.6	0.0	0.0	0.0	9.1
24	13.9	26.7	20.8	66.9	16.466	14.5	0.0	0.0	0.0	11.0
25	16.0	26.6	21.5	68.6	17.636	15.7	0.0	0.0	0.0	8.2
26	15.5	25.9	20.7	83.2	20.255	17.6	0.0	0.0	0.0	6.7
27	17.0	25.4	20.2	60.8	19.310	17.0	0.0	4.1	4.1	4.9
28	16.8	24.5	20.2	66.3	20.337	17.7	0.0	0.0	0.0	5.3
29	16.5	25.4	20.6	74.4	18.050	15.9	0.0	7.3	7.3	5.1
30	15.2	24.3	19.6	86.1	15.517	17.1	0.3	16.9	17.2	6.0
PROM.	15.9	25.3	20.5	77.2	16.460	16.2	9.8	156.0	165.8	204.1

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	23.3	19.5	91.0	20.700	18.0	2.7	25.8	28.5	2.6
2	16.0	24.6	20.5	65.1	20.523	17.9	0.0	14.8	14.8	5.7
3	15.4	24.6	20.7	62.4	20.358	17.6	0.0	17.9	17.9	7.4
4	15.0	23.3	19.2	61.3	18.007	15.8	0.8	9.8	10.6	3.1
5	16.5	22.6	18.9	91.2	19.910	17.4	4.6	11.1	15.7	2.7
6	16.0	19.4	17.8	53.5	16.560	16.7	2.9	0.0	2.9	0.1
7	14.6	22.4	17.7	91.6	18.774	16.5	3.3	2.3	5.6	0.4
8	14.5	23.0	19.6	85.7	19.604	17.3	0.0	2.7	2.7	4.0
9	15.2	23.7	19.1	85.1	19.116	16.7	0.0	5.1	5.1	8.5
10	15.3	22.2	19.2	87.4	19.320	17.0	0.0	0.0	0.0	1.1
11	15.4	24.5	19.6	87.1	20.102	17.6	0.0	18.6	18.6	7.5
12	14.3	23.8	19.4	92.1	20.768	18.1	0.0	0.0	0.0	8.3
13	15.4	24.2	20.6	83.9	20.436	17.9	0.0	0.0	0.0	9.1
14	15.4	24.1	20.1	84.1	20.056	17.5	0.0	1.4	1.4	8.5
15	16.0	23.4	20.3	83.3	20.175	17.6	0.0	0.0	0.0	8.3
16	16.0	25.2	20.0	84.1	20.012	17.5	0.0	0.5	0.5	5.6
17	16.4	21.5	16.0	90.3	18.633	16.4	7.9	0.0	7.9	0.6
18	15.2	21.2	18.0	91.6	18.532	16.6	0.0	7.2	7.2	2.4
19	15.4	23.6	20.1	88.9	20.462	16.2	0.0	77.2	77.2	4.5
20	16.4	23.2	19.0	88.1	19.632	17.2	0.1	0.0	0.1	3.3
21	14.6	24.2	19.8	62.6	19.261	16.8	0.0	18.5	18.5	9.0
22	15.2	24.2	20.1	83.9	19.624	17.2	0.0	0.0	0.0	8.0
23	15.4	23.3	20.3	88.9	21.130	16.4	0.0	0.0	0.0	4.3
24	15.6	23.6	19.8	85.6	20.043	17.4	0.0	0.0	0.0	8.4
25	16.4	25.3	21.2	75.3	19.560	17.1	0.0	14.5	14.5	9.2
26	15.0	23.7	19.6	65.2	19.532	17.1	0.0	3.2	3.2	4.1
27	18.0	21.4	19.9	91.6	21.333	18.6	4.0	0.0	4.0	3.7
28	16.0	25.4	21.5	76.0	19.664	17.2	0.0	0.0	0.0	10.4
29	17.0	23.4	20.1	94.2	22.155	19.1	0.0	0.0	0.0	4.5
30	15.6	24.2	19.2	84.6	19.313	16.8	5.9	0.0	5.9	1.2
31	15.4	24.3	19.8	83.7	19.731	17.2	0.0	0.0	0.0	6.4
PROM.	15.6	23.5	19.6	86.4	19.506	17.4	32.2	231.0	263.2	162.5

ESTACION: LA TRINIDAD

MUNICIPIO: LIEANO

AÑO: 1.980

ALTITUD: 1.430

LATITUD: 4-55 N.

LONGITUD: 75-04 W.

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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	16.6	24.2	19.9	65.0	19.528	17.4	0.8	12.2	13.0	4.0
2	16.0	22.3	18.9	51.4	19.253	16.9	15.7	0.0	15.7	1.0
3	15.1	23.0	20.8	79.4	20.045	17.5	0.0	7.4	7.4	7.7
4	16.2	23.0	18.9	88.0	19.339	16.9	0.0	58.5	58.5	3.4
5	16.2	24.6	19.4	89.6	20.504	17.9	5.0	96.0	101.0	1.2
6	15.0	21.6	16.8	83.4	17.970	15.8	2.9	0.7	3.6	0.9
7	16.0	21.6	19.0	77.6	17.715	15.5	0.3	0.2	0.5	1.3
8	16.0	22.4	17.0	65.1	16.560	14.5	0.1	0.0	0.1	3.7
9	15.0	24.2	18.0	79.3	17.371	15.2	0.0	1.4	1.4	3.6
10	16.5	24.4	19.9	78.5	18.676	16.5	0.0	0.0	0.0	8.7
11	14.0	24.3	19.9	65.0	19.555	17.4	0.0	4.3	4.3	6.9
12	16.0	21.5	18.0	93.7	20.174	17.6	6.8	0.6	7.4	0.0
13	16.6	21.6	19.9	90.0	20.352	17.8	0.4	58.0	58.4	3.3
14	15.4	22.2	19.7	87.6	20.057	17.6	0.0	13.1	13.1	4.3
15	17.4	24.3	20.4	84.0	20.428	17.2	3.0	3.4	6.4	6.3
16	15.3	23.7	20.4	80.7	19.649	17.4	0.0	0.0	0.0	8.1
17	15.2	22.7	19.2	89.9	20.203	17.6	0.0	0.0	0.0	3.5
18	16.0	24.4	19.9	88.5	20.621	18.1	0.0	0.0	0.0	4.1
19	16.9	24.4	20.1	82.5	20.033	17.5	0.0	0.0	0.0	4.4
20	15.0	24.5	20.3	81.5	19.668	17.3	0.0	0.0	0.0	7.1
21	16.0	23.4	20.0	89.6	21.042	18.3	0.0	0.0	0.0	3.2
22	14.5	23.8	20.0	81.4	19.332	16.6	0.0	0.0	0.0	5.9
23	17.4	23.7	20.6	80.3	20.016	17.5	0.0	5.7	5.7	5.7
24	17.1	24.6	20.1	86.8	20.627	18.0	0.2	0.0	0.2	3.8
25	15.4	24.6	20.3	84.8	20.246	17.6	0.0	6.5	6.5	7.2
26	16.0	23.3	19.6	88.5	20.445	17.6	0.0	0.0	0.0	4.6
27	14.5	24.4	19.8	68.0	20.553	17.5	0.0	0.0	0.0	7.6
28	15.2	23.4	19.9	89.1	20.668	18.1	0.0	0.0	0.0	5.0
29	16.8	23.7	20.0	86.6	20.254	17.7	0.0	0.5	0.5	2.0
30	15.4	24.2	19.5	84.6	19.179	16.8	0.0	0.0	0.0	6.0
PROM.	15.6	23.7	19.6	85.5	19.735	17.2	35.2	268.5	303.7	136.7

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	16.6	24.5	20.7	83.8	20.424	17.8	0.0	7.2	7.2	4.5
2	16.0	23.9	20.0	88.6	21.011	18.3	2.6	0.1	2.7	4.6
3	14.4	23.7	19.3	88.0	19.636	17.3	2.0	11.8	13.8	3.6
4	15.4	24.2	19.1	87.6	19.657	17.2	11.3	0.0	11.3	3.5
5	15.6	23.7	20.0	82.0	19.546	17.1	0.7	3.8	4.5	5.7
6	16.9	24.0	19.7	78.9	18.476	16.1	0.0	0.0	0.0	4.3
7	16.0	24.6	19.2	78.0	17.357	15.2	0.0	0.0	0.0	4.5
8	14.7	21.6	16.0	51.1	20.041	17.4	0.0	0.0	0.0	1.1
9	15.3	23.0	18.9	68.0	19.705	17.2	0.0	0.0	0.0	4.3
10	13.7	24.9	19.8	86.2	20.452	17.7	0.0	0.0	0.0	9.8
11	14.7	24.7	20.0	78.7	19.163	16.5	0.0	0.0	0.0	8.3
12	16.1	24.7	20.0	80.0	19.417	16.5	0.0	2.0	2.0	6.5
13	13.9	25.0	20.2	78.4	19.055	16.8	0.0	0.0	0.0	8.2
14	16.5	24.8	20.3	79.0	19.323	16.9	0.0	2.4	2.4	4.2
15	17.1	23.4	19.1	90.5	20.354	17.8	0.0	0.0	0.0	4.8
16	15.9	24.0	19.5	86.1	19.468	16.9	0.0	0.0	0.0	2.2
17	17.6	22.6	18.9	86.6	19.257	16.5	0.0	0.0	0.0	2.2
18	15.4	25.2	20.4	83.8	19.567	17.5	0.0	0.3	0.3	4.4
19	17.4	24.2	20.1	85.6	20.424	17.8	0.0	1.3	1.3	3.7
20	17.0	23.6	19.6	87.6	20.033	17.5	0.2	13.2	13.4	3.4
21	16.0	23.4	19.6	83.6	19.175	16.8	0.0	0.0	0.0	2.3
22	16.9	23.7	19.7	84.2	19.365	17.0	0.0	0.0	0.0	5.5
23	14.5	24.1	18.4	84.0	16.226	15.9	2.9	4.3	7.2	4.6
24	16.4	24.0	20.2	86.6	20.434	17.8	0.0	3.3	3.3	7.0
25	16.6	23.6	19.3	84.7	19.071	16.7	2.9	1.1	4.0	2.1
26	16.2	24.5	18.4	66.6	18.657	16.5	0.8	0.3	1.1	1.7
27	14.4	23.8	18.1	81.6	17.275	15.1	35.5	2.0	37.5	2.8
28	13.7	23.0	18.2	84.3	17.753	15.5	0.3	9.0	9.3	4.8
29	15.3	24.1	18.7	86.4	18.661	16.4	0.0	0.0	0.0	4.2
30	14.8	21.0	17.6	87.6	17.650	15.5	0.0	6.0	6.0	0.1
31	15.4	22.0	17.6	91.3	18.416	16.2	1.5	0.0	1.5	0.7
PROM.	15.7	23.8	19.4	84.5	19.257	16.8	60.7	68.1	128.6	130.1

ESTACION: LA TRINIDAD

MUNICIPIO LIBANC

AÑO: 1.980

ALTITUD: 1.430

LATITUD: 4-55 N.

LONGITUD: 75-04 W.

188

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.0	24.3	19.8	13.5	26.6	84.9	19.632	17.1	88.4	15	151.0
FEBRERO	15.6	24.2	19.7	14.0	26.5	85.0	19.612	17.1	117.7	11	138.5
MARZO	16.5	25.5	20.8	15.0	27.5	75.6	15.457	17.0	144.7	13	160.7
ABRIL	16.6	24.4	20.2	14.0	27.5	64.2	19.956	17.4	149.2	19	132.2
MAYO	16.6	24.3	20.4	14.0	26.7	65.2	20.450	17.8	224.0	21	141.0
JUNIO	16.3	24.4	20.2	14.1	27.3	82.0	19.360	16.9	135.1	15	170.3
JULIO	15.5	25.6	20.6	13.6	27.2	73.2	17.628	15.4	56.2	10	234.8
AGOSTO	15.1	25.2	20.3	13.5	27.6	73.0	17.184	15.0	84.3	15	221.2
SEPTIEMBRE	15.9	25.3	20.5	13.6	27.4	77.2	18.460	16.2	165.8	13	204.1
OCTUBRE	15.6	23.5	19.6	14.3	25.4	66.4	15.906	17.4	263.2	21	162.9
NOVIEMBRE	15.8	23.7	19.6	14.0	25.7	65.5	15.735	17.2	303.7	18	136.7
DICIEMBRE	15.7	23.6	19.9	13.7	25.2	84.9	15.257	16.8	128.6	18	130.1
PROMEDIO	16.0	24.5	20.1	13.5	26.5	81.5	19.228	16.8			
TOTAL									1661.1	169	1983.5

ESTACION: CHAFETON

MUNICIPIO: IBAGUE

AÑO: 1.980

ALTITUD: 1.300

LATITUD: 4-27 N.

LONGITUD: 75-16 W.

189

M E S - ENERC

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	25.7	20.9	87.5	21.237	16.7	0.0	36.9	36.9	0.8
2	17.5	25.5	21.0	81.6	20.172	17.6	1.0	0.0	1.0	4.8
3	15.5	27.4	21.2	77.3	19.418	17.0	0.0	0.0	0.0	8.5
4	17.0	27.6	20.5	83.2	20.057	17.5	0.3	0.0	0.3	4.4
5	16.0	27.5	21.2	75.4	19.121	16.7	0.0	0.0	0.0	6.8
6	17.0	27.6	21.0	82.9	20.423	17.2	0.0	0.0	0.0	6.8
7	15.0	28.6	21.6	75.6	19.344	17.0	0.0	0.0	0.0	7.9
8	15.0	28.6	21.4	67.8	17.127	15.0	0.0	0.0	0.0	8.7
9	13.0	28.5	20.7	74.5	17.875	15.7	0.0	0.0	0.0	8.4
10	14.5	28.4	22.0	74.0	19.362	16.9	0.0	0.0	0.0	5.3
11	13.5	26.6	20.6	76.6	18.325	16.1	1.1	0.0	1.1	5.2
12	15.0	25.7	21.2	78.6	15.429	17.0	0.0	0.0	0.0	5.2
13	15.5	25.6	20.4	72.2	17.270	15.1	0.0	0.0	0.0	4.4
14	15.5	23.5	20.3	75.9	18.213	15.8	0.0	9.2	9.2	3.1
15	16.0	22.5	19.2	84.2	18.682	16.5	1.2	0.0	1.2	0.8
16	14.0	25.5	19.2	78.5	17.163	15.0	0.0	0.0	0.0	4.5
17	17.0	26.5	19.3	76.5	17.076	14.9	0.7	0.0	0.7	2.5
18	15.5	26.0	20.6	82.7	19.655	17.3	0.1	4.6	4.7	4.8
19	15.5	24.5	19.2	85.3	19.154	16.8	0.3	0.7	1.0	3.5
20	13.0	27.0	20.5	80.7	18.536	16.6	2.0	0.0	2.0	5.2
21	16.0	26.6	20.4	72.3	17.264	15.1	0.0	0.0	0.0	2.7
22	15.5	28.8	20.7	68.9	16.756	14.7	0.0	0.0	0.0	6.3
23	18.0	27.8	21.9	71.3	18.713	16.5	0.4	0.0	0.4	6.4
24	17.5	26.5	21.0	79.1	19.721	17.2	0.2	0.0	0.2	1.3
25	17.0	27.5	21.7	73.2	18.722	16.5	0.0	0.0	0.0	7.3
26	16.0	28.8	22.2	52.1	13.570	11.5	0.0	0.0	0.0	9.7
27	15.8	28.5	22.7	50.7	14.028	11.7	0.0	0.0	0.0	9.2
28	15.0	26.5	21.6	69.6	17.631	15.6	0.0	0.0	0.0	3.3
29	17.0	27.5	21.9	76.4	19.752	17.2	0.0	0.4	0.4	5.2
30	18.5	23.0	20.2	85.7	20.355	17.2	9.9	0.0	9.9	0.0
31	15.0	27.0	20.4	81.6	19.213	16.7	0.5	28.1	28.6	4.9
PROM.	15.8	26.6	20.9	75.9	18.557	16.2	17.7	79.9	97.6	162.3

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	17.5	23.5	20.4	77.6	18.713	16.2	0.3	1.9	2.2	2.5
2	17.5	24.9	20.3	85.9	20.348	17.2	5.3	0.0	5.3	1.9
3	16.5	24.5	19.8	83.6	19.453	17.1	26.3	12.4	38.7	1.0
4	16.0	23.9	19.3	87.0	19.415	17.0	5.9	0.0	5.9	1.1
5	17.5	22.5	19.7	91.3	20.770	18.1	0.3	0.3	0.6	0.0
6	18.0	26.4	19.7	85.2	19.555	17.2	0.4	0.0	0.4	1.0
7	15.5	27.5	20.8	79.0	19.255	16.9	0.0	0.0	0.0	4.5
8	16.0	28.5	21.0	77.1	19.022	16.7	0.0	0.0	0.0	6.2
9	16.0	28.6	21.6	75.4	19.270	16.8	0.0	0.0	0.0	8.9
10	16.0	28.6	22.3	71.4	18.766	16.4	0.0	0.0	0.0	8.7
11	16.0	28.6	21.6	77.6	19.552	17.3	0.0	0.0	0.0	8.8
12	16.5	27.5	21.6	76.4	19.326	16.5	0.0	0.0	0.0	7.4
13	16.0	29.3	22.1	70.0	18.313	16.0	0.0	0.0	0.0	8.4
14	17.5	29.5	22.6	60.5	17.057	14.6	0.0	0.0	0.0	8.7
15	15.5	26.8	21.6	71.5	18.200	15.9	0.0	0.0	0.0	6.7
16	18.5	27.0	20.8	76.7	18.539	16.6	0.0	19.3	19.3	3.2
17	17.5	26.3	21.5	82.1	20.700	18.0	0.0	0.0	0.0	3.6
18	16.0	27.5	21.5	72.7	18.216	16.0	0.0	0.0	0.0	7.0
19	17.5	25.8	19.1	93.0	20.555	17.9	15.4	0.0	19.4	2.3
20	17.5	24.5	19.9	91.7	21.179	18.4	1.7	0.0	1.7	0.8
21	15.0	25.5	19.7	82.6	19.065	16.6	0.0	0.0	0.0	4.4
22	17.5	27.5	21.0	74.4	18.577	16.2	0.0	0.0	0.0	7.2
23	15.0	27.5	20.7	76.4	18.237	16.0	0.0	0.0	0.0	9.1
24	14.5	27.5	21.5	73.2	18.441	16.1	0.0	0.0	0.0	5.5
25	17.0	27.5	21.2	75.1	18.669	16.4	0.0	0.0	0.0	3.7
26	18.0	26.9	22.1	69.9	18.008	16.0	0.0	4.8	4.8	6.1
27	17.5	27.7	21.3	73.0	18.125	15.9	0.0	0.0	0.0	7.0
28	16.0	27.8	21.9	64.5	17.033	14.9	0.0	0.0	0.0	6.5
29	15.0	27.0	21.8	72.3	18.470	16.3	0.0	1.0	1.0	6.2
PROM.	16.6	26.8	21.0	77.5	19.038	16.6	59.6	39.7	99.3	148.4

ESTACION: CHAPETON
 ALTITUD: 1.300

MUNICIPIO: IBAGUE
 LATITUD: 4-27 N.

AÑO: 1.980
 LONGITUD: 75-16 W. 190

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	15.5	27.5	20.6	73.0	17.566	15.5	0.0	0.0	0.0	7.5
2	14.5	26.0	21.3	72.5	17.412	15.4	0.0	0.0	0.0	6.7
3	16.0	26.0	21.4	71.5	16.116	15.9	0.0	5.0	5.0	3.9
4	18.0	26.6	21.3	76.9	15.088	16.7	0.0	0.6	0.6	4.3
5	17.5	25.5	21.7	79.9	20.122	17.6	0.4	4.6	5.0	3.7
6	16.5	27.5	21.3	74.4	16.388	16.1	0.0	0.5	0.5	6.3
7	17.0	27.5	21.3	74.7	16.382	16.2	0.5	0.5	1.0	7.7
8	16.5	29.0	21.9	64.5	16.672	14.6	0.7	0.0	0.7	7.2
9	16.5	29.0	22.3	65.3	16.700	14.6	0.0	0.0	0.0	6.6
10	17.0	28.5	21.8	69.9	17.501	15.7	0.0	0.0	0.0	3.6
11	16.0	25.5	22.2	68.6	17.608	15.5	0.0	0.0	0.0	7.0
12	16.5	25.5	23.0	59.1	16.573	14.5	0.0	0.0	0.0	4.2
13	17.0	25.5	23.5	62.1	17.759	15.6	0.0	0.0	0.0	7.5
14	18.5	26.0	23.6	61.7	21.341	18.5	0.0	0.0	0.0	0.0
15	17.0	28.5	23.3	71.5	19.247	16.5	0.0	10.8	10.8	5.5
16	17.0	27.5	23.3	73.4	19.305	17.0	0.0	0.0	0.0	7.8
17	16.0	28.5	23.8	73.0	19.322	17.4	0.0	4.7	4.7	3.8
18	18.5	25.5	22.7	79.9	20.506	17.9	1.2	1.0	2.2	0.8
19	18.0	24.8	20.3	65.1	20.150	17.6	6.5	4.4	10.9	2.2
20	17.0	28.0	21.1	71.5	18.589	16.2	0.0	0.0	0.0	2.6
21	17.5	28.0	21.2	69.1	18.171	15.8	0.0	4.3	4.3	4.0
22	16.5	27.0	21.2	77.7	15.361	17.0	0.0	4.7	4.7	3.3
23	16.0	25.5	21.5	61.6	20.641	16.0	1.2	0.0	1.2	4.4
24	17.0	26.5	23.2	67.5	18.136	15.5	0.0	0.6	0.6	7.2
25	18.5	26.5	21.7	74.7	19.102	16.7	0.5	0.0	0.5	1.4
26	19.0	28.0	23.0	73.2	20.111	17.6	0.0	0.0	0.0	7.3
27	18.0	30.6	24.2	61.6	17.442	15.7	0.0	0.0	0.0	7.5
28	19.5	29.9	23.5	63.7	18.169	15.5	0.0	0.0	0.0	4.7
29	19.5	25.7	23.6	67.4	19.264	16.9	0.0	0.0	0.0	7.1
30	18.0	25.5	24.0	80.4	19.444	17.4	11.6	0.1	11.7	1.4
31	16.5	26.5	22.7	69.3	19.181	16.7	0.0	0.0	0.0	8.7
PROM.	17.2	27.9	22.1	72.1	16.753	16.4	34.3	56.8	91.1	167.5

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	29.5	22.2	70.2	18.247	16.0	0.0	0.0	0.0	9.6
2	17.0	25.0	21.1	79.1	19.408	17.0	0.0	0.0	0.0	1.9
3	16.5	26.0	21.8	87.7	21.268	16.5	9.4	9.3	18.7	3.8
4	15.5	26.3	22.0	74.2	19.238	17.1	0.0	0.0	0.0	5.9
5	15.9	26.5	21.8	76.7	19.236	17.2	0.0	0.0	0.0	2.8
6	14.5	24.8	20.2	65.2	20.250	17.7	16.9	22.8	39.7	1.3
7	16.5	24.0	20.3	62.2	19.530	17.1	0.1	1.5	1.6	3.4
8	17.5	24.0	20.2	68.0	20.552	17.9	0.4	0.0	0.4	2.1
9	16.0	26.0	21.2	80.3	19.222	17.3	0.0	11.2	11.2	6.4
10	15.0	24.0	19.7	86.3	19.110	17.0	0.0	0.0	0.0	4.4
11	14.0	24.5	20.1	76.9	17.528	15.4	0.0	0.2	0.2	4.8
12	15.0	25.5	21.1	76.3	18.759	16.4	0.0	3.2	3.2	6.1
13	16.5	26.5	21.7	79.1	20.398	17.8	0.0	0.1	0.1	4.8
14	17.0	26.5	21.2	60.2	19.295	17.4	0.3	12.4	12.7	5.7
15	17.0	25.5	21.2	74.8	18.245	16.3	0.0	0.0	0.0	5.1
16	14.6	27.5	20.1	78.5	16.207	16.0	0.0	0.0	0.0	5.1
17	15.5	27.2	21.1	69.7	17.147	15.1	0.0	0.0	0.0	2.2
18	16.0	27.2	22.3	66.5	17.716	15.6	0.0	0.0	0.0	6.6
19	16.5	28.5	23.1	65.0	17.303	15.1	0.0	0.0	0.0	9.2
20	16.5	29.5	22.2	61.6	16.464	14.3	0.0	0.9	0.9	6.7
21	17.5	23.0	21.0	80.4	19.511	17.4	0.2	0.0	0.2	1.5
22	17.5	26.0	21.3	80.0	20.152	17.7	3.8	0.4	4.2	1.9
23	17.5	26.0	21.0	79.2	19.576	17.2	0.3	1.2	1.5	5.4
24	18.5	24.0	20.6	68.8	21.646	16.8	9.2	0.2	9.4	0.7
25	16.5	26.0	20.5	69.2	21.603	18.7	2.7	54.8	57.5	3.1
26	16.5	26.0	19.4	87.4	19.484	17.1	35.2	0.0	39.2	0.6
27	13.0	20.0	20.6	75.5	18.274	15.5	0.0	0.0	0.0	9.6
28	16.5	27.7	22.0	74.7	19.344	16.9	0.0	0.0	0.0	5.6
29	17.5	27.7	21.7	78.6	20.244	17.7	0.0	32.2	32.2	6.0
30	16.5	26.5	21.6	61.3	20.638	16.0	0.0	1.8	1.8	7.1
PROM.	16.3	26.0	21.1	78.5	19.364	16.9	82.5	152.2	234.7	139.4

ESTACION: CHAPEYON

MUNICIPIO: IBAGUE

AÑO: 1.980

ALTITUD: 1.300

LATITUD: 4-27 N.

LONGITUD: 75-16 W.

M E S - M A Y O

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	25.5	21.0	91.0	22.429	15.5	0.5	12.5	13.0	5.3
2	16.0	26.5	21.3	78.4	15.553	17.1	0.0	0.0	0.0	7.0
3	17.0	26.0	20.2	86.6	20.473	17.9	4.3	2.3	6.6	3.0
4	15.5	26.6	21.0	78.4	19.359	16.5	0.0	0.0	0.0	3.0
5	16.6	27.5	21.0	73.7	17.508	15.7	0.0	0.0	0.0	4.5
6	17.0	27.0	21.6	74.3	18.501	16.5	0.0	0.0	0.0	4.5
7	18.0	27.0	21.8	77.6	20.163	17.5	0.0	3.7	3.7	4.2
8	18.0	27.0	21.7	79.6	20.336	17.7	0.1	4.8	4.9	2.6
9	18.5	25.0	22.0	81.6	21.221	16.5	0.2	17.4	17.6	5.1
10	18.0	27.5	22.2	82.0	21.735	16.6	1.5	0.0	1.5	3.8
11	18.0	28.0	22.1	78.4	20.616	18.1	0.3	0.0	0.3	4.1
12	17.0	28.0	22.1	73.6	15.165	16.8	0.0	0.0	0.0	5.7
13	19.0	28.0	22.5	72.7	15.635	17.2	0.0	0.0	0.0	0.0
14	18.5	26.5	21.7	78.4	20.217	17.7	0.0	1.9	1.9	3.5
15	17.5	25.0	20.2	86.3	20.408	17.8	5.6	0.6	6.2	2.4
16	17.5	27.6	21.4	78.6	20.442	17.5	0.0	0.3	0.3	7.5
17	19.0	27.2	22.0	82.0	21.456	18.6	5.0	9.7	14.7	3.6
18	17.5	27.5	21.2	80.3	19.530	17.4	0.5	35.6	36.1	4.5
19	17.5	25.5	19.8	78.4	16.109	15.5	1.0	1.5	2.5	0.3
20	17.0	27.6	22.0	78.4	20.447	17.8	0.0	0.0	0.0	5.0
21	17.0	27.5	22.1	77.4	20.457	17.9	0.0	0.0	0.0	3.9
22	16.5	27.0	21.6	67.6	17.439	15.2	0.0	3.2	3.2	4.7
23	17.5	27.6	21.3	79.7	15.662	17.4	0.0	8.5	8.5	4.1
24	17.0	27.5	21.7	78.5	20.116	17.6	0.0	0.0	0.0	6.7
25	17.0	28.5	22.3	69.7	16.531	16.3	0.0	40.5	40.5	2.5
26	17.5	28.0	22.0	69.5	17.355	15.2	1.7	0.0	1.7	2.0
27	17.5	26.8	21.9	76.9	18.816	16.5	0.0	0.0	0.0	1.3
28	17.5	26.5	21.6	72.6	18.256	16.0	0.0	0.0	0.0	7.9
29	16.5	27.0	22.3	76.5	20.213	17.6	0.0	8.0	8.0	4.4
30	16.5	27.0	21.8	69.5	18.416	16.4	0.0	0.0	0.0	8.4
31	17.0	26.5	20.6	81.7	15.451	17.1	0.0	1.8	1.8	5.5
PROM.	17.3	27.0	21.5	77.6	15.735	17.2	20.7	152.3	173.0	140.1

M E S - J U N I O

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	20.5	86.6	20.767	18.1	1.5	20.8	22.3	0.7
2	17.0	23.5	19.1	88.6	15.433	17.0	10.5	0.0	10.5	2.7
3	14.5	23.5	21.5	77.3	15.415	17.0	0.0	0.9	0.9	8.4
4	16.5	24.0	21.4	84.6	21.317	18.0	0.0	0.0	0.0	9.0
5	17.5	23.5	21.1	82.2	20.462	17.8	1.3	0.1	1.4	4.1
6	16.5	23.5	21.6	74.6	18.743	16.4	0.0	31.5	31.5	9.8
7	17.5	23.5	21.0	79.4	20.257	18.1	0.0	0.0	0.0	5.0
8	16.5	27.0	21.9	72.2	18.534	16.3	0.0	0.0	0.0	3.8
9	17.0	26.5	22.0	72.1	18.653	16.3	0.0	19.6	19.6	7.5
10	18.0	26.5	20.4	88.5	21.246	16.4	2.6	9.8	12.4	2.8
11	17.5	25.5	20.7	82.2	20.200	17.7	0.2	0.6	0.8	6.7
12	17.0	26.0	20.6	82.3	15.512	17.4	0.0	25.2	25.2	3.0
13	17.0	25.5	19.9	86.0	15.656	17.2	0.6	0.0	0.6	2.0
14	15.5	27.0	19.9	78.4	16.322	16.1	0.0	0.0	0.0	5.8
15	14.5	28.5	23.4	50.8	14.714	12.6	0.0	0.0	0.0	10.0
16	18.5	27.5	21.8	58.5	15.424	13.3	0.0	0.1	0.1	8.1
17	16.5	26.5	21.9	71.6	16.241	15.5	0.0	5.1	5.1	7.1
18	17.5	26.5	21.7	74.7	15.044	16.7	0.0	0.0	0.0	5.9
19	16.5	26.5	22.5	69.1	18.236	16.0	0.0	8.8	8.8	5.2
20	18.0	26.5	20.4	82.6	15.755	17.3	13.1	0.0	13.1	0.3
21	17.0	26.5	21.5	75.3	18.007	16.5	0.0	0.2	0.2	1.8
22	17.5	26.5	21.4	69.4	17.144	15.0	0.0	0.0	0.0	5.9
23	16.0	27.0	20.0	79.7	17.644	15.5	0.0	0.0	0.0	9.2
24	17.0	27.0	21.9	79.0	20.528	17.5	0.0	0.0	0.0	4.4
25	17.5	27.0	21.9	77.5	20.267	17.7	0.0	0.0	0.0	6.2
26	18.5	26.5	21.6	75.5	15.452	17.0	0.0	0.1	0.1	2.5
27	16.8	27.0	21.3	67.5	17.008	14.4	0.0	0.0	0.0	5.9
28	16.0	27.4	22.2	53.3	14.522	12.0	0.0	0.0	0.0	5.8
29	15.5	27.0	21.7	65.5	16.596	14.6	0.0	0.0	0.0	5.9
30	15.6	27.5	21.7	70.5	17.632	15.5	0.0	1.9	1.9	7.4
PROM	16.6	26.5	21.4	75.0	16.746	16.4	30.4	125.1	155.5	162.6

ESTACION: CHAPETON
ALTITUD: 1.300

MUNICIPIO: IBAGUE
LATITUD: 4-27 N.

AÑO: 1.980
LONGITUD: 75-16 W.

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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	27.5	20.5	77.5	18.668	15.9	0.0	0.0	0.0	9.0
2	16.5	27.5	20.8	69.5	16.662	14.6	0.0	0.0	0.0	8.1
3	16.0	28.5	22.6	55.0	15.648	13.0	0.0	0.0	0.0	10.1
4	14.5	27.9	21.7	63.5	15.132	13.1	0.0	0.0	0.0	8.1
5	17.0	27.5	21.5	67.3	16.604	14.6	0.0	0.0	0.0	2.8
6	16.0	28.0	20.8	65.5	15.785	13.7	0.0	0.0	0.0	5.2
7	15.6	29.5	22.4	59.1	15.438	13.4	0.0	0.0	0.0	8.4
8	17.5	28.6	22.6	68.4	18.266	16.0	0.0	1.6	1.6	9.5
9	17.0	28.5	21.4	75.2	18.742	16.4	0.0	0.2	0.2	3.7
10	17.0	26.6	19.7	77.8	17.951	15.7	42.3	0.0	42.3	1.9
11	14.5	22.7	17.4	74.3	17.545	15.3	0.0	0.0	0.0	3.7
12	17.0	28.6	22.3	72.6	16.089	16.7	0.0	0.0	0.0	8.0
13	17.5	28.4	22.5	70.0	18.454	16.2	0.0	0.0	0.0	7.2
14	15.6	28.0	22.7	64.7	16.552	14.5	0.0	0.0	0.0	8.4
15	16.5	28.0	22.7	71.4	18.619	14.5	0.0	0.0	0.0	2.8
16	14.0	28.0	22.3	65.3	15.639	13.6	0.0	0.0	0.0	6.2
17	16.5	28.9	22.0	60.6	15.714	13.7	0.0	0.0	0.0	5.8
18	15.0	28.2	22.2	62.9	15.672	13.6	0.0	0.0	0.0	7.2
19	16.0	28.6	22.6	70.0	17.218	15.1	0.0	0.0	0.0	7.4
20	15.5	28.5	22.5	71.3	17.637	15.5	1.9	0.0	1.9	5.2
21	17.0	28.6	22.9	77.8	19.007	16.7	0.0	0.0	0.0	4.0
22	16.5	28.6	22.3	62.2	16.068	14.1	0.0	0.0	0.0	8.4
23	17.5	28.2	22.5	61.9	16.621	14.6	0.0	0.0	0.0	6.1
24	16.5	28.3	22.3	64.2	16.318	14.2	0.0	0.0	0.0	6.9
25	16.0	28.8	21.3	72.3	16.112	15.8	0.0	0.8	0.8	8.0
26	17.5	28.8	23.0	67.1	17.658	15.5	0.0	0.0	0.0	8.3
27	17.0	28.8	23.1	73.4	19.405	16.9	0.0	7.9	7.9	7.9
28	16.5	27.6	21.4	70.1	16.558	14.6	0.0	0.4	0.4	5.8
29	16.5	28.5	22.0	75.5	16.658	17.2	0.0	0.0	0.0	6.7
30	17.5	29.5	22.0	73.0	18.662	16.6	0.0	0.4	0.4	9.1
31	18.0	24.8	22.1	63.8	16.151	14.1	0.0	2.8	2.8	4.4
PROM.	16.3	28.2	21.7	68.4	17.192	15.0	44.2	14.1	58.3	204.3

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	16.5	26.5	20.5	74.0	17.640	15.5	0.0	0.0	0.0	2.5
2	16.5	28.6	22.7	61.5	15.501	13.8	0.0	15.4	15.4	8.7
3	15.6	28.8	22.0	69.2	18.217	16.0	0.2	0.1	0.3	8.5
4	16.5	26.0	21.2	60.3	20.008	17.5	0.3	14.2	14.5	6.0
5	17.5	26.6	20.4	77.2	16.351	16.1	0.3	0.0	0.3	6.0
6	16.5	27.5	21.3	77.1	18.545	16.6	0.4	0.0	0.4	3.4
7	17.5	27.5	21.3	72.6	16.200	16.0	0.0	0.0	0.0	5.8
8	16.0	23.6	17.8	88.3	17.510	15.7	15.2	0.0	15.2	1.3
9	14.0	27.6	22.1	76.6	15.834	17.3	0.0	10.5	10.5	8.0
10	17.5	27.5	20.8	70.0	16.742	14.4	0.0	0.0	0.0	4.4
11	14.5	28.0	21.2	58.3	15.503	11.3	0.0	0.0	0.0	8.2
12	15.0	29.1	22.7	52.8	15.424	13.2	0.0	0.0	0.0	6.6
13	15.0	29.4	23.4	52.6	15.644	13.0	0.0	0.0	0.0	9.9
14	17.0	28.7	21.8	70.1	17.157	15.6	0.0	0.0	0.0	4.6
15	17.0	28.5	21.8	63.1	16.456	14.3	0.0	0.0	0.0	5.6
16	18.0	28.8	22.1	60.5	16.127	14.0	0.0	0.0	0.0	2.9
17	16.5	28.6	22.4	69.4	18.162	16.0	0.0	0.0	0.0	8.5
18	16.5	28.4	19.8	77.8	18.610	15.8	25.5	0.0	25.5	4.0
19	14.5	28.0	20.6	81.3	15.785	17.3	0.0	0.0	0.0	5.0
20	16.5	28.5	21.0	77.4	19.142	16.8	1.8	0.0	1.8	1.7
21	13.5	28.5	20.2	76.4	18.116	15.9	0.0	0.0	0.0	5.9
22	13.8	28.5	21.5	75.6	18.910	16.5	0.0	3.1	3.1	9.0
23	15.5	28.0	20.3	77.7	18.548	16.6	0.0	0.0	0.0	9.9
24	18.5	28.0	21.9	67.8	18.642	16.2	0.0	0.0	0.0	5.0
25	17.0	31.5	22.2	63.6	17.006	14.9	0.0	0.0	0.0	9.8
26	18.0	31.5	24.1	54.3	15.430	13.4	0.0	1.9	1.9	9.2
27	17.5	28.5	21.2	62.0	15.505	13.5	0.0	0.0	0.0	2.3
28	15.5	27.6	23.2	54.5	14.801	12.8	0.0	9.2	9.2	5.6
29	17.0	27.7	21.8	67.0	16.624	14.7	0.0	0.7	0.7	3.4
30	16.0	28.1	21.6	66.8	16.349	14.3	0.0	0.0	0.0	8.7
31	14.5	28.5	20.8	74.8	17.664	15.4	0.5	20.0	20.5	8.5
PROM.	16.2	28.0	21.5	69.5	17.399	15.2	44.2	75.1	119.3	195.5

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	15.4	28.5	22.2	76.8	19.423	16.5	0.0	53.7	53.7	7.0
2	16.0	28.8	21.7	69.5	17.961	15.8	0.0	0.0	0.0	6.5
3	16.5	28.5	21.4	77.4	19.263	16.9	0.0	0.0	0.0	7.0
4	18.5	30.5	23.1	69.7	18.561	16.7	0.2	17.5	17.7	7.0
5	18.0	27.6	21.2	74.7	18.553	16.3	0.0	0.0	0.0	5.2
6	17.5	29.5	22.3	64.4	16.630	14.5	0.0	0.0	0.0	7.0
7	16.0	29.5	22.0	64.4	16.166	14.1	0.0	0.0	0.0	7.5
8	18.0	30.5	22.5	67.7	17.742	15.5	0.0	2.9	2.9	5.4
9	18.0	28.5	21.1	77.4	19.013	16.6	7.5	0.0	7.5	5.1
10	15.5	27.0	21.1	68.7	16.378	14.2	0.0	0.0	0.0	5.0
11	17.5	29.0	22.4	55.1	14.784	12.6	0.0	0.0	0.0	7.4
12	16.0	29.0	22.1	61.6	16.115	14.0	0.0	0.0	0.0	3.7
13	16.5	29.5	22.0	64.5	16.058	14.0	0.0	0.0	0.0	6.8
14	15.5	28.5	23.2	58.5	16.741	14.7	0.0	0.0	0.0	5.5
15	18.6	24.0	19.8	85.7	19.642	17.4	21.0	4.3	25.3	0.2
16	16.0	26.0	20.6	75.6	18.375	16.2	14.6	0.0	14.6	2.0
17	16.0	28.8	22.0	62.6	16.710	14.5	0.0	1.7	1.7	10.7
18	16.5	26.5	20.8	81.6	19.566	17.4	9.0	3.1	12.1	5.7
19	17.0	25.5	20.4	78.7	18.662	16.4	2.2	0.0	2.2	2.3
20	16.5	28.5	21.8	74.2	18.555	16.6	0.0	20.6	20.6	5.8
21	16.9	27.5	21.4	73.7	18.511	16.2	1.4	0.1	1.5	4.1
22	16.5	25.5	19.5	60.6	16.262	16.0	0.3	0.0	0.3	2.4
23	16.5	27.5	20.9	71.2	17.386	15.3	0.0	0.0	0.0	5.9
24	15.0	30.0	21.3	66.7	16.011	14.0	0.0	0.0	0.0	6.7
25	16.0	28.5	22.7	60.5	15.682	13.7	0.0	0.0	0.0	6.3
26	17.5	29.5	22.9	68.0	18.400	16.1	0.0	0.0	0.0	7.5
27	16.5	28.0	21.8	71.0	18.035	15.7	0.0	3.8	3.8	7.4
28	18.0	26.0	20.5	84.6	20.255	17.7	0.9	0.7	1.6	2.1
29	18.0	25.0	21.0	78.3	19.345	17.0	0.0	0.0	0.0	2.7
30	17.0	26.0	21.2	71.2	17.555	15.7	0.0	0.0	0.0	4.5
PROM.	16.6	28.0	21.6	71.2	17.672	15.6	57.1	108.4	165.5	175.4

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	17.5	26.5	20.9	79.5	19.635	17.2	0.8	2.5	3.3	2.0
2	17.0	28.0	22.3	74.9	18.603	17.3	0.0	1.5	1.5	5.5
3	17.0	26.0	21.3	73.7	18.633	16.3	4.6	11.5	16.5	7.0
4	17.0	25.0	20.0	76.9	18.131	15.9	0.7	3.7	4.4	3.1
5	17.0	25.0	21.0	60.4	15.775	17.3	0.0	38.6	38.6	5.4
6	17.0	22.0	19.1	68.5	15.556	17.2	1.5	0.0	1.5	1.5
7	16.5	23.5	19.3	87.0	19.554	17.1	1.8	1.8	3.6	0.7
8	15.5	25.0	20.3	82.4	19.642	17.2	4.6	13.0	17.6	3.6
9	17.5	24.5	20.8	65.3	20.629	16.2	0.1	5.9	6.0	5.7
10	16.0	24.5	20.6	78.9	18.512	16.3	0.0	0.0	0.0	1.2
11	16.5	25.5	20.6	60.4	15.226	16.9	0.1	20.0	20.1	6.6
12	16.0	27.6	20.8	74.6	18.261	16.0	0.0	0.0	0.0	7.9
13	15.5	26.5	20.9	76.7	18.565	16.3	0.5	0.0	0.5	6.0
14	16.5	27.0	21.1	77.3	19.179	16.8	0.0	0.4	0.4	7.6
15	17.5	27.0	21.4	80.4	20.537	17.9	0.0	48.9	48.9	6.2
16	16.0	27.0	20.3	79.3	19.001	16.7	20.2	0.0	20.2	5.7
17	17.0	24.0	19.8	66.2	15.566	17.5	0.0	2.5	2.5	1.6
18	17.0	22.5	18.8	89.1	19.561	17.1	14.5	0.0	14.5	1.0
19	16.0	25.5	20.8	79.7	19.461	17.1	0.3	0.0	0.3	4.9
20	16.5	25.5	21.1	77.9	19.333	16.4	0.6	0.0	0.6	1.2
21	15.0	25.5	20.3	77.0	18.078	15.9	0.0	0.6	0.6	6.6
22	15.5	27.0	20.9	76.9	18.376	16.1	0.0	0.0	0.0	7.0
23	16.5	26.5	21.3	74.6	18.548	16.6	0.0	0.0	0.0	4.4
24	15.5	27.5	21.7	72.0	18.607	16.5	0.0	8.3	8.3	8.0
25	18.0	28.0	21.2	83.4	20.751	18.0	0.1	54.8	54.9	7.2
26	16.5	26.5	20.8	85.0	20.639	16.0	1.2	1.0	2.2	2.9
27	17.5	26.0	20.7	84.0	20.546	17.9	7.7	0.0	7.7	2.1
28	17.0	27.5	22.7	77.7	21.475	18.6	0.0	18.0	18.0	9.1
29	18.0	25.6	21.0	62.4	20.620	18.0	0.1	0.0	0.1	2.0
30	16.0	25.0	20.8	81.9	20.261	17.7	0.0	0.0	0.0	3.4
31	16.5	26.0	20.5	62.6	20.063	17.5	0.0	0.0	0.0	7.2
PROM.	16.6	25.6	20.7	80.2	19.543	17.1	59.4	233.2	292.6	147.1

ESTACION: CHAPETON

MUNICIPIO: IBAGUE

AÑO: 1.980

ALTITUD: 1.500

LATITUD: 4-27 N.

LONGITUD: 75-16 W.

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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	26.0	21.3	84.8	21.220	18.4	0.0	3.7	3.7	4.3
2	15.0	23.5	19.9	83.5	19.755	16.9	1.9	0.0	1.9	1.9
3	15.0	26.2	20.1	83.6	19.728	17.2	2.0	2.8	4.8	7.5
4	16.5	26.0	21.7	83.3	21.230	18.5	0.0	0.0	0.0	5.5
5	17.0	25.9	20.8	80.4	19.611	17.3	0.0	0.0	0.0	4.7
6	15.5	25.5	20.1	82.0	19.526	17.0	0.0	0.0	0.0	3.1
7	15.5	25.6	20.3	78.8	18.564	16.6	0.0	0.0	0.0	4.2
8	16.6	25.6	18.9	88.6	19.326	16.9	4.3	0.0	4.3	2.7
9	17.0	25.6	20.0	85.6	20.324	17.7	1.1	9.3	10.4	5.9
10	17.0	27.0	20.7	78.6	19.371	17.0	0.0	0.0	0.0	6.6
11	17.5	26.5	20.8	77.6	19.249	16.8	0.0	0.0	0.0	6.7
12	15.0	26.5	20.2	79.6	18.675	16.6	5.9	0.0	5.9	0.0
13	16.6	25.0	20.8	79.9	19.254	16.6	0.0	9.2	9.2	3.9
14	15.6	24.5	19.3	88.6	20.030	17.5	22.7	1.0	23.7	4.3
15	16.5	24.2	18.5	90.0	19.262	16.9	46.3	2.6	48.9	4.9
16	13.0	24.5	20.4	79.3	19.159	16.6	0.6	0.4	1.0	7.5
17	16.6	25.5	20.2	84.1	19.729	17.3	2.7	0.8	3.5	1.9
18	14.0	25.6	20.7	82.9	20.152	17.6	0.0	0.1	0.1	5.1
19	17.0	24.5	20.1	89.5	21.051	18.3	1.6	0.0	1.6	6.1
20	13.5	26.5	20.9	77.0	19.017	16.5	0.0	23.4	23.4	5.6
21	16.6	22.5	19.6	94.4	21.559	18.6	0.0	0.0	0.0	3.0
22	17.0	23.5	19.4	88.5	19.632	17.3	0.0	0.0	0.0	7.2
23	16.5	26.0	20.2	85.6	20.416	17.6	1.4	0.0	1.4	3.4
24	16.5	26.0	20.7	85.2	20.878	18.2	0.0	0.0	0.0	7.2
25	16.5	26.5	21.1	85.5	21.350	18.5	11.0	12.3	23.3	5.4
26	17.0	25.5	20.3	87.2	20.609	18.1	0.0	0.0	0.0	3.9
27	15.5	25.0	20.2	88.5	20.667	18.1	0.4	0.0	0.4	4.9
28	16.0	23.5	20.1	89.3	20.674	18.2	0.0	2.8	2.8	5.3
29	17.0	26.6	21.0	82.6	20.767	18.1	23.0	1.1	24.1	5.0
30	17.0	26.2	20.2	90.0	21.558	16.7	0.2	0.0	0.2	6.8
PROM.	16.1	25.6	20.3	84.6	20.127	17.5	125.1	69.5	194.6	144.7

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	16.5	25.0	19.8	90.5	20.752	18.1	1.6	0.0	1.6	4.0
2	17.0	25.9	19.9	90.4	21.166	18.4	24.3	0.1	24.4	4.5
3	17.0	24.9	20.0	88.6	20.550	17.9	1.2	1.1	2.3	4.1
4	17.0	24.9	19.5	92.9	21.217	18.4	0.0	0.0	0.0	2.9
5	14.5	25.5	20.2	87.0	20.427	17.7	0.0	0.0	0.0	8.1
6	15.5	26.9	20.7	83.4	20.211	17.5	0.0	0.0	0.0	6.3
7	15.5	26.6	19.8	88.0	20.545	17.5	0.0	0.0	0.0	2.9
8	15.6	24.4	19.6	88.1	20.059	17.5	0.0	0.0	0.0	1.0
9	14.0	25.6	18.7	89.7	19.387	16.9	0.0	0.0	0.0	3.3
10	14.0	26.6	19.8	85.5	19.672	17.1	0.0	0.0	0.0	9.1
11	15.7	27.5	21.1	73.0	18.733	16.2	0.0	0.0	0.0	8.2
12	15.6	27.0	21.1	84.1	20.605	18.1	0.0	0.2	0.2	7.7
13	16.5	26.9	22.0	79.2	20.763	18.1	0.0	0.1	0.1	8.4
14	17.0	26.0	21.1	85.9	21.165	18.4	2.2	18.1	20.3	8.4
15	16.6	25.5	21.4	83.4	21.017	18.2	0.0	1.5	1.5	5.7
16	16.0	27.0	20.5	86.1	20.656	18.0	0.0	0.0	0.0	5.2
17	16.5	25.0	20.2	87.5	20.707	18.0	1.2	6.5	7.7	1.2
18	16.5	26.5	21.3	84.0	20.635	18.1	0.0	0.1	0.1	5.6
19	16.0	25.5	19.9	92.8	21.607	18.8	1.9	0.0	1.9	3.0
20	15.5	25.5	19.8	83.4	19.428	16.9	0.0	0.1	0.1	4.1
21	16.5	23.5	21.0	89.5	22.139	19.0	0.1	0.0	0.1	4.6
22	16.5	23.5	19.4	95.1	21.713	18.8	0.3	0.0	0.3	1.9
23	15.5	27.0	20.1	81.0	19.042	16.6	0.0	1.0	1.0	4.3
24	17.0	26.0	20.7	81.6	19.750	17.3	0.0	0.0	0.0	3.7
25	16.5	26.6	20.4	86.1	20.673	18.1	0.3	1.3	1.6	2.6
26	17.5	24.9	19.7	90.6	20.641	18.1	16.3	16.4	32.7	1.6
27	16.0	25.6	19.6	94.1	21.285	18.5	0.3	0.5	0.8	5.1
28	16.0	25.0	19.7	88.2	20.249	17.7	5.5	0.5	6.0	5.7
29	17.0	24.6	19.2	92.8	20.732	18.0	0.0	2.6	2.6	3.2
30	17.5	21.0	18.7	96.5	20.662	18.2	18.3	12.6	30.9	0.0
31	16.6	24.6	19.1	92.5	20.762	18.1	16.9	0.0	16.9	2.2
PROM.	16.2	25.6	20.1	87.5	20.554	17.5	50.4	62.7	153.1	135.6

ESTACION: CHAPETON

MUNICIPIO IBAGUE

AÑO: 1.980

ALTITUD: 1.300

LATITUD: 4-27 N.

LONGITUD: 75-16 W.

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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	26.8	20.9	13.0	28.8	75.9	18.557	16.2	97.6	15	162.3
FEBRERO	16.6	26.8	21.0	14.5	29.5	77.5	19.038	16.6	95.3	11	148.4
MARZO	17.2	27.9	22.1	14.5	30.6	72.1	18.753	16.4	91.1	16	167.5
ABRIL	16.3	26.0	21.1	13.0	29.5	78.5	19.364	16.9	234.7	18	135.4
MAYO	17.3	27.0	21.5	15.5	28.5	77.6	19.735	17.2	173.0	19	140.1
JUNIO	16.8	26.5	21.4	14.5	26.5	75.0	18.746	16.4	155.5	18	162.6
JULIO	16.3	28.2	21.7	14.0	29.5	66.4	17.192	15.0	58.3	9	204.3
AGOSTO	16.2	28.0	21.5	13.5	31.5	69.5	17.399	15.2	119.3	14	195.5
SEPTIEMBRE	16.8	28.0	21.6	15.0	30.5	71.2	17.872	15.6	165.5	14	175.4
OCTUBRE	16.6	25.8	20.7	15.0	28.0	80.2	19.543	17.1	292.6	24	147.1
NOVIEMBRE	16.1	25.5	20.3	13.0	27.0	64.6	20.127	17.5	194.6	20	144.7
DICIEMBRE	16.2	25.6	20.1	14.0	27.5	67.5	20.594	17.9	153.1	21	135.6
PROMEDIO	16.5	26.6	21.2	14.1	29.2	76.5	18.910	16.5			
TOTAL									1834.6	199	1922.9

ESTACION: LUIS BUSTAMANTE

MUNICIPIO: VILLARRICA AÑO: 1.980

ALTITUD: 1.610

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

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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	21.3	19.4	85.6	19.360	17.0	0.0	0.0	0.0	0.7
2	16.0	21.0	19.0	84.0	18.324	16.1	0.0	0.0	0.0	0.3
3	15.4	21.3	19.4	71.0	16.200	14.2	0.0	0.0	0.0	2.4
4	16.8	23.0	19.5	72.4	16.600	14.7	0.0	0.0	0.0	2.2
5	15.9	23.0	19.1	75.0	16.617	14.5	0.0	0.0	0.0	2.8
6	16.4	24.0	19.1	76.0	17.221	15.0	0.0	0.0	0.0	4.6
7	15.0	25.6	19.5	68.0	15.703	13.7	0.0	0.0	0.0	5.5
8	16.1	24.5	19.7	70.4	16.343	14.3	0.0	0.0	0.0	1.4
9	16.0	23.6	19.6	75.0	17.196	15.0	0.0	0.0	0.0	0.0
10	16.4	24.5	19.8	72.0	16.004	14.5	0.0	0.0	0.0	5.5
11	16.4	25.3	20.0	80.8	19.134	16.7	0.0	0.1	0.6	4.8
12	16.3	25.3	20.2	70.6	16.675	14.5	0.0	1.4	1.4	9.7
13	16.3	24.0	18.8	77.0	16.680	14.6	0.0	1.8	1.8	5.4
14	17.0	24.0	19.2	81.4	18.216	16.0	1.6	1.1	2.7	4.9
15	16.0	21.3	18.6	84.8	18.035	15.9	1.3	3.2	4.5	0.5
16	15.3	22.5	17.8	85.0	17.263	15.2	5.0	0.2	6.0	2.2
17	16.3	22.4	19.1	83.0	18.404	16.2	0.0	0.0	0.0	1.7
18	16.1	23.5	18.3	85.0	17.646	15.8	17.0	3.4	20.4	3.4
19	15.4	23.0	18.3	79.2	16.912	14.9	0.7	0.0	0.7	2.3
20	15.3	23.0	18.1	83.6	17.357	15.2	0.8	0.0	0.6	3.5
21	15.4	22.0	18.1	86.5	17.750	15.6	2.9	0.0	2.9	0.0
22	15.4	23.3	19.6	73.0	16.439	14.4	0.0	0.7	0.7	4.6
23	17.3	23.3	19.4	78.2	17.749	15.6	0.0	0.0	0.0	2.2
24	17.3	22.0	19.1	82.7	18.142	15.9	1.6	0.0	1.6	1.0
25	16.6	26.0	21.4	74.9	18.654	16.5	0.0	0.0	0.0	6.7
26	16.3	25.8	22.3	65.3	16.669	14.8	0.0	0.0	0.0	6.3
27	16.0	26.8	20.2	63.4	15.211	13.1	0.0	0.0	0.0	6.2
28	17.4	22.8	19.7	74.8	17.463	15.2	3.2	0.0	3.2	1.4
29	17.0	23.5	21.1	74.9	18.638	16.4	0.0	2.0	2.0	4.0
30	16.8	21.5	18.9	68.0	19.423	17.0	17.6	0.9	18.5	1.0
31	16.0	22.0	18.6	79.7	17.141	15.1	5.7	3.1	8.8	0.3
PROM.	16.2	23.5	19.4	77.6	17.455	15.3	58.7	17.9	76.6	106.2

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	16.4	20.4	17.7	83.5	17.095	15.0	18.4	0.0	18.4	0.9
2	16.0	21.0	17.0	86.5	16.656	14.7	17.4	8.7	26.1	0.0
3	16.4	20.6	17.9	81.1	16.712	14.7	12.5	3.2	15.7	1.2
4	15.3	20.6	17.9	85.9	17.566	15.5	1.8	0.0	1.8	0.0
5	15.6	22.3	18.4	83.3	17.514	15.4	0.0	13.5	13.5	3.8
6	15.0	23.2	18.5	79.4	16.670	14.6	0.0	0.0	0.0	1.1
7	16.0	22.0	19.2	81.4	17.506	15.8	0.0	0.0	0.0	0.8
8	16.3	25.0	19.4	81.2	18.126	15.9	0.0	0.0	0.0	2.7
9	17.0	24.5	19.7	78.2	17.555	15.8	0.0	0.0	0.0	3.0
10	16.3	25.6	20.0	80.3	18.348	16.5	0.0	0.0	0.0	4.6
11	15.3	23.8	19.9	74.6	17.394	15.2	0.0	0.0	0.0	5.2
12	15.3	24.3	19.7	69.5	15.903	13.8	0.0	0.0	0.0	5.4
13	16.3	25.0	20.3	67.1	16.361	14.2	0.0	0.0	0.0	4.7
14	16.0	24.3	20.0	73.4	17.428	14.9	0.0	0.0	0.0	5.0
15	15.3	25.0	20.6	59.8	14.642	12.2	0.0	0.0	0.0	2.8
16	15.5	23.3	19.8	78.9	18.147	15.9	0.0	0.0	0.0	7.1
17	15.4	23.3	18.8	82.1	17.567	15.7	0.0	0.0	0.0	2.9
18	15.5	23.0	18.5	81.6	17.616	15.5	7.0	0.1	7.1	4.1
19	15.0	23.0	18.3	83.3	18.033	15.8	7.4	25.4	32.8	2.6
20	15.0	23.0	18.3	77.2	18.355	14.3	21.8	3.7	25.5	1.6
21	16.0	21.0	18.3	66.4	18.163	15.9	0.1	0.0	0.1	4.1
22	15.0	25.0	19.9	70.0	16.260	14.1	0.0	8.4	8.4	5.9
23	16.0	25.3	19.5	69.9	15.759	13.7	0.0	0.0	0.0	7.2
24	15.4	25.1	21.1	69.0	17.251	14.8	30.0	0.0	30.0	6.7
25	16.6	25.0	20.0	78.3	18.247	16.0	32.9	0.0	32.9	3.7
26	15.2	24.5	18.9	71.3	15.523	13.5	0.6	4.5	5.1	3.2
27	16.3	23.0	19.3	76.1	16.550	14.9	0.0	0.0	0.0	6.1
28	15.4	25.5	19.4	60.3	13.764	11.6	0.0	0.0	0.0	2.2
29	16.4	24.0	19.1	72.1	16.203	14.1	0.4	0.0	0.4	
PROM	15.8	23.5	19.2	76.6	17.006	14.8	120.4	67.5	187.9	98.5

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	13.3	23.6	19.8	76.4	17.663	15.6	0.0	3.1	3.1	1.2
2	18.8	25.0	20.3	71.1	16.856	14.8	0.0	19.1	19.1	5.7
3	16.8	23.0	19.2	78.1	17.259	15.2	0.3	0.0	0.3	1.4
4	15.3	23.5	19.2	71.3	15.523	13.6	0.0	0.0	0.0	1.8
5	15.2	23.5	18.8	80.1	17.427	15.2	0.0	0.0	0.0	3.2
6	14.4	23.0	15.6	70.6	15.526	13.9	0.0	0.0	0.0	1.1
7	15.6	24.0	19.6	74.7	16.829	14.7	0.0	0.0	0.0	1.0
8	16.6	24.4	19.7	66.5	15.431	13.4	15.3	0.0	15.3	0.0
9	16.4	25.0	20.7	64.6	15.550	13.9	0.0	0.0	0.0	0.2
10	17.0	25.5	20.1	74.2	17.456	15.3	0.0	0.0	0.0	2.0
11	16.3	24.5	19.4	74.5	16.761	14.7	0.0	0.0	0.0	2.9
12	17.5	24.0	20.9	69.5	17.349	15.2	0.2	0.0	0.2	2.5
13	17.3	23.0	20.8	68.7	16.539	14.8	0.0	0.0	0.0	4.3
14	17.3	23.0	19.9	77.1	16.110	15.9	0.3	0.0	0.3	1.5
15	17.0	22.8	20.2	74.6	17.467	15.3	0.0	0.0	0.0	2.9
16	16.8	23.1	20.1	78.2	16.322	16.1	0.0	0.0	0.0	1.5
17	17.1	25.3	19.4	78.4	17.772	15.6	18.6	0.0	18.6	3.0
18	17.0	23.0	19.2	82.6	16.326	16.1	0.3	7.1	7.4	2.0
19	16.3	22.1	18.5	84.6	16.229	16.0	1.2	2.9	4.1	2.6
20	15.4	25.0	20.4	71.3	16.752	14.7	0.0	0.0	0.0	6.4
21	16.3	23.0	19.4	63.6	14.320	12.3	0.0	0.0	0.0	2.7
22	17.4	24.0	19.5	81.6	16.403	16.2	0.3	0.0	0.9	3.3
23	17.0	23.6	18.8	83.1	17.931	15.8	0.0	0.0	0.0	2.4
24	16.0	22.5	20.4	72.0	17.247	15.0	0.8	0.5	1.3	5.0
25	17.4	24.5	19.5	77.7	17.713	15.5	0.0	0.0	0.0	2.0
26	16.0	22.5	20.7	74.6	16.235	16.0	0.0	0.0	0.0	3.0
27	17.0	25.0	21.4	67.1	17.335	15.1	0.0	0.0	0.0	3.5
28	16.8	25.0	21.9	65.9	17.464	15.4	0.0	0.0	0.0	4.3
29	18.0	24.0	21.0	71.2	17.750	15.6	0.0	0.0	0.0	4.1
30	17.3	22.6	18.6	83.2	17.627	15.7	10.2	0.0	10.2	0.5
31	16.4	23.5	20.1	66.6	15.565	13.5	0.0	0.0	0.0	6.7
PROM.	16.7	24.0	19.9	74.0	17.164	15.0	47.5	33.3	80.8	84.3

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	18.6	25.0	21.7	59.1	15.562	13.4	0.0	0.0	0.0	5.5
2	16.8	25.0	18.5	75.2	16.061	14.0	8.2	0.0	8.2	0.6
3	16.0	25.0	19.0	72.4	16.746	14.6	5.6	4.2	9.8	7.8
4	17.0	24.0	20.7	76.2	16.476	16.2	0.1	0.0	0.1	4.2
5	17.0	24.0	20.0	78.4	16.506	16.2	2.0	0.0	2.0	2.9
6	16.0	23.5	18.8	75.7	17.350	15.2	5.0	0.0	5.0	3.0
7	16.3	21.5	18.7	82.6	17.754	15.6	0.0	0.0	0.0	1.1
8	15.3	23.0	18.8	78.6	17.222	15.1	0.4	0.0	0.4	3.6
9	16.0	23.0	19.4	76.2	17.511	15.4	0.0	28.1	28.1	6.3
10	15.3	23.0	19.9	75.7	17.511	15.4	0.0	19.1	19.1	3.4
11	16.2	24.0	18.2	79.8	17.046	15.0	15.3	0.7	20.0	6.0
12	17.0	23.0	19.5	73.3	16.758	14.7	0.0	6.6	6.6	7.3
13	17.4	22.4	19.6	81.3	16.501	16.5	0.2	0.0	0.2	2.8
14	18.0	23.0	19.6	73.9	17.062	14.9	2.4	2.0	4.4	4.0
15	15.6	23.0	18.8	65.7	16.632	16.4	0.2	0.0	0.2	2.5
16	16.0	23.0	18.9	72.5	15.564	14.0	0.0	0.0	0.0	3.7
17	17.1	24.0	19.5	74.7	16.527	14.9	0.0	0.0	0.0	3.7
18	16.3	24.0	19.6	82.4	14.247	12.2	0.0	0.0	0.0	1.8
19	18.0	24.0	20.4	69.1	17.062	15.0	0.0	0.0	0.0	5.1
20	17.0	24.0	20.4	77.0	16.362	16.1	0.0	0.0	0.0	2.1
21	17.3	23.0	19.6	82.6	16.524	16.6	0.2	0.7	0.9	2.4
22	17.4	22.0	19.1	83.4	16.480	16.2	0.8	0.0	0.8	0.8
23	16.6	22.0	19.0	82.6	16.131	16.0	3.8	0.0	3.8	2.5
24	17.0	23.0	19.0	64.2	17.416	15.3	25.6	1.8	31.4	0.0
25	16.4	23.0	19.4	78.4	17.656	15.5	0.0	7.1	7.1	1.3
26	16.6	23.0	19.7	67.5	17.359	15.3	5.6	0.0	5.6	0.2
27	16.0	23.0	19.7	73.5	17.076	14.5	0.7	0.0	0.7	5.7
28	17.0	24.0	19.5	74.9	17.330	15.1	0.6	1.5	2.1	2.7
29	16.0	22.0	19.2	77.1	17.456	15.2	2.6	0.0	2.6	2.6
30	15.0	23.0	19.3	78.6	17.676	15.5	4.3	0.0	4.3	4.9
PROM.	16.7	23.2	19.4	76.9	17.379	15.2	91.9	71.8	163.7	100.9

ESTACION: LUIS EUSTAMANTE
 ALTITUD: 1.610

MUNICIPIO: VILLARRICA AÑO: 1.980
 LATITUD: 3-56 N. LONGITUD: 74-36 W.

M E S - M A Y O

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	22.2	18.4	61.7	17.142	15.1	15.2	4.9	20.1	1.1
2	16.0	22.4	19.5	75.1	17.513	15.7	0.0	0.0	0.0	6.6
3	16.6	25.5	20.0	75.0	17.431	15.7	2.0	0.5	2.5	4.7
4	16.3	22.2	19.4	78.3	17.516	15.4	0.0	0.0	0.0	1.9
5	16.6	25.4	19.4	74.5	16.653	14.7	0.0	0.0	0.0	3.1
6	17.3	23.4	19.0	77.6	17.221	15.2	4.1	0.0	4.1	1.2
7	16.0	23.4	19.8	74.6	16.274	14.2	3.3	0.0	3.3	2.5
8	16.6	23.6	19.1	77.5	17.575	15.5	5.5	1.4	6.9	1.7
9	17.3	23.3	20.4	76.0	16.251	16.1	0.8	0.0	0.8	2.7
10	18.0	24.6	20.8	78.7	15.265	16.5	1.0	0.0	1.0	4.2
11	16.6	25.5	21.0	66.0	16.551	14.4	0.0	0.0	0.0	6.6
12	17.0	25.6	21.6	68.1	17.652	15.5	0.1	0.0	0.1	1.3
13	17.0	23.0	19.2	61.3	16.231	16.1	0.0	0.0	0.0	1.5
14	16.6	23.0	19.4	81.1	16.221	16.0	0.0	0.0	0.0	1.1
15	15.6	20.0	17.6	61.5	16.633	14.5	0.0	0.0	0.0	0.0
16	15.6	24.4	20.0	79.6	16.533	16.2	0.0	0.0	0.0	6.2
17	16.3	23.3	19.5	74.3	17.190	15.1	15.5	0.0	15.5	2.7
18	16.0	23.3	19.8	75.0	16.215	14.1	11.2	7.5	18.7	3.2
19	16.1	23.3	19.4	82.5	17.476	15.4	9.8	1.3	11.1	4.3
20	16.3	24.6	20.8	64.5	16.156	14.1	0.0	0.0	0.0	6.8
21	16.3	23.0	20.0	73.2	17.640	15.5	6.4	0.0	6.4	5.0
22	16.3	23.0	20.3	70.4	16.664	14.6	0.0	5.9	5.9	6.9
23	16.3	24.4	19.9	69.9	16.506	14.1	0.0	0.0	0.0	5.7
24	16.8	23.3	19.9	74.6	17.220	15.2	4.4	0.0	4.4	2.9
25	18.0	25.5	19.2	60.5	16.167	15.9	20.3	12.0	32.3	4.7
26	17.0	23.1	19.3	65.6	16.274	16.1	5.2	0.0	5.2	1.0
27	16.3	22.2	18.1	60.6	16.422	14.6	0.0	2.0	2.0	7.5
28	16.3	24.4	19.5	64.6	15.159	15.1	0.0	0.0	0.0	4.1
29	16.5	25.6	19.3	70.1	16.056	14.0	0.6	0.0	0.6	4.6
30	16.0	24.6	19.2	60.1	17.164	15.0	3.6	0.0	3.6	4.6
31	17.0	25.6	20.0	64.6	15.544	13.5	4.6	0.0	4.6	2.5
PROM.	16.6	23.7	19.5	75.5	17.206	15.1	135.6	35.7	171.3	110.7

M E S - J U N I O

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	22.5	19.1	62.6	16.466	16.3	0.1	0.0	0.1	4.4
2	16.6	22.5	18.5	74.6	15.754	13.8	4.9	0.0	4.9	0.8
3	15.6	25.5	16.8	76.6	16.554	14.5	0.0	7.2	7.2	5.7
4	16.0	24.4	19.4	61.3	16.402	16.1	0.0	0.0	0.0	4.8
5	17.0	22.3	18.8	78.3	17.276	15.7	1.3	0.0	1.3	3.3
6	16.1	24.4	19.6	68.7	16.070	15.9	1.7	0.0	1.7	5.4
7	16.0	23.4	19.6	78.7	16.056	15.9	4.2	2.4	6.6	3.5
8	16.4	23.0	19.9	75.4	17.872	15.7	0.0	0.0	0.0	4.4
9	16.2	24.6	20.5	70.2	17.525	15.3	0.0	0.0	0.0	6.6
10	16.2	22.0	18.8	86.4	16.467	14.7	0.0	0.0	0.0	1.1
11	15.6	22.5	18.4	63.3	17.532	15.7	3.6	0.4	4.0	6.6
12	16.1	23.5	19.8	76.7	17.735	15.6	0.7	17.3	18.0	2.8
13	15.1	22.0	17.9	60.1	16.420	14.5	1.3	0.0	1.3	1.6
14	15.0	25.5	22.2	72.0	17.113	15.0	0.0	0.0	0.0	6.6
15	16.6	26.5	22.8	66.3	16.446	14.4	0.0	0.0	0.0	0.0
16	17.1	26.2	23.9	63.3	15.814	13.6	0.0	0.0	0.0	9.7
17	16.3	25.5	21.2	71.3	16.035	15.6	0.0	0.1	0.1	4.3
18	16.6	23.5	19.4	76.7	17.652	15.4	4.8	0.0	4.8	1.1
19	16.0	23.5	19.4	67.6	16.028	14.0	0.0	0.0	0.0	3.4
20	16.0	23.6	19.2	69.6	17.456	15.6	26.5	1.1	27.6	0.0
21	15.6	21.1	18.1	76.5	15.501	13.5	3.0	0.0	3.0	0.0
22	16.3	23.0	19.4	77.7	16.521	14.5	4.7	0.0	4.7	2.5
23	15.3	24.4	20.0	67.7	16.002	14.1	4.5	0.0	4.5	5.9
24	16.3	23.0	20.0	68.3	16.008	14.5	0.0	0.0	0.0	2.7
25	17.3	25.5	19.5	71.1	16.908	14.5	0.0	0.0	0.0	5.8
26	17.0	24.4	19.3	62.2	17.008	15.3	0.0	0.0	0.0	1.3
27	17.0	24.4	19.7	63.3	16.070	15.3	0.0	0.0	0.0	1.8
28	15.1	23.4	19.6	68.6	15.834	15.3	0.0	0.0	0.0	1.8
29	15.6	23.3	19.4	71.7	16.133	14.1	0.0	0.0	0.0	1.8
30	16.3	24.4	20.5	67.7	16.035	14.4	0.0	2.3	2.3	6.6
PROM.	16.2	23.6	19.4	75.2	17.045	14.9	62.7	36.9	99.6	115.5

M E S - J U L I O

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	19.3	73.7	14.533	14.4	0.4	0.0	0.4	5.4
2	16.0	23.3	19.4	72.9	16.530	14.5	0.3	0.0	0.3	5.3
3	15.6	24.1	20.0	66.8	15.543	13.5	6.7	0.0	6.7	6.7
4	15.6	26.4	20.9	66.5	16.455	14.4	6.0	0.0	6.0	6.1
5	16.6	24.4	19.2	77.0	17.075	15.0	2.6	0.0	2.6	4.1
6	15.6	24.0	19.0	73.2	16.116	14.1	0.0	0.0	0.0	5.8
7	16.3	24.2	19.7	67.2	15.555	13.6	0.4	0.0	0.4	6.7
8	15.6	25.6	20.2	72.2	16.504	14.8	0.4	0.0	0.4	6.3
9	16.0	24.3	19.6	71.5	16.406	14.4	0.4	0.0	0.4	3.0
10	16.6	22.0	18.5	77.6	16.553	14.6	4.9	0.0	4.9	2.8
11	14.6	23.0	19.2	78.1	17.280	15.2	0.0	0.0	0.0	4.5
12	17.0	23.0	20.5	69.5	16.553	14.8	0.0	0.0	0.0	5.5
13	16.0	25.0	20.3	69.0	16.551	14.5	0.0	0.0	0.0	5.4
14	16.3	23.8	18.8	73.9	16.340	14.2	4.3	0.0	4.3	5.6
15	16.3	23.8	18.4	75.2	16.650	14.6	5.6	0.0	5.6	7.9
16	15.0	24.5	19.4	76.2	17.255	15.4	0.5	0.0	0.5	1.9
17	17.0	24.3	20.2	76.2	18.451	16.2	0.8	0.0	0.8	2.8
18	16.0	25.5	21.2	64.6	16.607	14.5	8.0	0.0	8.0	4.8
19	16.0	24.5	20.2	64.6	16.553	14.7	0.0	0.0	0.0	4.3
20	17.6	25.6	19.4	76.5	17.351	15.3	4.2	1.8	6.0	4.6
21	17.0	20.6	17.0	68.0	17.057	15.0	4.3	0.0	4.3	0.0
22	16.5	24.5	19.5	67.4	15.521	13.2	3.4	0.0	3.4	5.9
23	17.0	23.6	19.8	73.5	15.564	14.0	3.3	0.0	3.3	6.9
24	17.5	24.6	19.8	72.6	15.561	14.9	1.8	0.0	1.8	3.4
25	15.6	24.5	19.9	66.5	15.566	13.5	1.9	0.0	1.9	2.5
26	18.5	26.0	21.1	70.4	17.704	15.5	2.1	0.0	2.1	6.1
27	17.6	26.0	20.4	78.4	15.100	16.7	1.6	0.0	1.6	5.8
28	17.5	22.0	19.5	72.5	16.667	14.6	0.2	0.0	0.2	1.6
29	15.6	22.6	18.8	73.3	16.305	14.2	0.2	0.0	0.2	4.9
30	16.0	25.3	21.2	63.4	15.613	13.6	0.0	0.0	0.0	7.6
31	17.0	24.3	20.8	68.6	16.636	14.7	0.1	1.3	1.4	4.9
PROM.	16.3	24.2	19.7	72.5	16.705	14.6	54.4	2.9	57.3	144.8

M E S - A G O S T O

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	21.5	17.5	81.2	14.271	14.3	1.3	0.0	1.3	4.2
2	15.5	23.5	18.8	68.6	15.266	13.1	3.6	0.0	3.6	3.1
3	15.5	25.0	20.3	64.4	15.544	13.8	0.3	0.0	0.3	5.2
4	15.6	24.0	19.1	69.6	15.572	13.5	0.0	22.7	22.7	6.0
5	15.0	23.0	18.7	61.1	14.510	15.3	1.3	0.1	1.4	3.4
6	16.5	23.0	18.2	75.1	16.126	14.0	2.7	0.0	2.7	3.1
7	15.6	23.0	19.8	70.2	16.265	14.3	0.3	0.0	0.3	1.7
8	16.0	21.0	19.0	75.6	16.703	14.6	0.2	0.0	0.2	0.8
9	15.3	23.0	18.1	72.3	15.073	13.1	0.0	0.0	0.0	3.2
10	16.6	22.0	20.1	63.6	15.547	17.4	0.5	0.0	0.5	5.7
11	15.0	22.0	19.3	46.6	14.505	12.9	0.0	0.0	0.0	4.0
12	16.5	23.0	19.8	59.2	13.557	11.6	0.0	0.0	0.0	7.2
13	15.5	26.0	20.9	58.5	14.446	12.3	0.0	0.0	0.0	6.7
14	16.0	25.0	20.4	71.7	17.548	15.2	0.0	0.0	0.0	1.8
15	16.5	23.0	19.2	70.2	15.712	13.7	0.0	0.8	0.8	3.2
16	15.5	23.0	19.4	78.4	17.307	15.2	0.9	0.0	0.9	2.6
17	16.4	25.0	20.2	64.5	15.355	13.3	0.0	0.7	0.7	7.3
18	16.0	21.0	17.6	74.5	15.145	13.2	1.6	0.0	1.6	0.6
19	15.5	23.0	18.8	65.2	14.362	12.4	0.4	0.0	0.4	1.9
20	15.6	21.0	17.1	76.7	15.134	13.1	21.6	0.0	21.6	2.3
21	14.0	24.0	18.5	63.9	15.662	11.5	0.0	0.0	0.0	5.1
22	15.0	23.0	18.0	66.6	13.619	11.8	1.7	6.9	8.6	3.9
23	14.5	24.0	19.4	61.2	13.765	11.6	0.2	0.0	0.2	9.7
24	16.0	26.0	20.8	59.1	14.351	11.8	0.0	0.0	0.0	8.4
25	15.6	25.0	20.2	55.1	13.357	11.2	0.0	2.8	2.8	4.1
26	17.0	24.5	20.2	61.7	14.653	12.7	2.2	0.3	2.5	4.0
27	16.0	23.4	19.3	68.1	15.552	13.6	0.0	1.2	1.2	4.8
28	15.5	22.5	19.1	72.6	16.032	14.1	0.0	2.2	2.2	2.1
29	15.5	22.0	18.5	73.3	15.566	13.6	10.4	0.0	10.4	3.3
30	15.5	23.5	19.7	65.5	15.063	13.0	0.0	0.0	0.0	5.8
31	16.0	25.4	21.6	62.5	16.130	14.1	0.0	0.8	0.8	5.2
PROM.	15.7	23.5	19.3	69.0	15.501	13.4	49.2	38.5	87.7	130.4

ESTACION: LUIS BUSTAMANTE
 ALTITUD: 1.6 IG

MUNICIPIO: VILLARRICA AÑO: 1.980
 LATITUD: 3-56 N. LONGITUD: 74-36 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	15.6	21.4	16.1	73.7	15.240	13.3	6.9	0.2	7.1	2.6
2	15.3	23.6	19.3	69.4	15.477	13.5	0.0	0.0	0.0	2.9
3	16.5	24.0	19.4	68.0	15.455	13.4	0.0	0.0	0.0	2.6
4	16.5	23.8	20.3	61.5	14.750	12.7	0.0	0.4	0.4	4.3
5	16.5	22.0	18.2	72.6	15.330	13.3	12.3	0.7	13.0	2.4
6	15.6	25.5	19.3	68.7	15.660	13.7	0.0	0.0	0.0	6.4
7	16.0	23.3	20.2	69.4	16.255	14.5	0.0	0.0	0.0	4.4
8	15.6	25.5	18.6	73.1	15.553	14.0	0.1	2.5	2.6	6.4
9	16.0	23.5	19.1	78.0	17.037	15.0	0.0	0.0	0.0	3.4
10	15.6	21.3	16.8	60.3	17.266	15.2	0.3	0.0	0.3	1.9
11	15.0	24.6	19.8	72.7	16.531	14.8	0.0	0.0	0.0	4.9
12	16.3	24.6	19.3	76.5	16.522	14.7	1.1	0.0	1.1	4.3
13	16.0	23.3	18.6	78.4	17.102	14.5	0.0	0.0	0.0	2.0
14	17.0	24.8	21.2	66.5	16.415	14.3	0.0	0.0	0.0	1.5
15	17.5	23.4	20.4	71.6	17.465	15.3	0.0	0.0	0.0	0.1
16	16.0	22.0	16.3	61.7	17.213	15.2	0.1	0.0	0.1	0.0
17	15.5	24.6	19.0	65.4	14.465	12.4	0.9	0.0	0.9	0.0
18	16.0	25.0	18.7	71.9	16.122	14.0	0.0	0.0	0.0	0.0
19	15.5	20.0	17.9	80.0	16.360	14.3	22.1	0.0	22.1	0.0
20	15.5	23.0	20.0	68.1	16.055	14.1	22.0	0.0	22.0	0.0
21	16.5	23.0	19.6	74.0	17.430	15.3	0.0	0.7	0.7	0.0
22	16.0	23.0	18.8	77.6	16.725	14.7	0.0	0.0	0.0	0.0
23	16.0	23.0	19.3	69.9	15.763	13.8	10.6	0.0	10.6	0.0
24	15.0	25.0	20.5	58.8	14.156	12.0	0.0	0.0	0.0	6.0
25	16.6	23.0	18.6	70.4	15.707	13.7	0.6	0.0	0.6	2.4
26	16.0	26.0	21.2	64.3	15.045	14.0	0.0	0.0	0.0	7.8
27	16.0	23.6	18.9	77.2	17.566	15.3	13.2	0.0	13.2	3.8
28	15.5	22.5	19.2	70.1	15.713	13.6	12.9	14.2	27.1	2.3
29	15.0	23.0	18.5	77.0	16.411	14.4	0.0	15.6	15.6	2.8
30	15.6	21.3	18.2	79.9	16.772	14.7	0.0	0.0	0.0	1.5
PROM.	15.9	23.5	19.2	72.2	16.200	14.1	109.0	34.3	143.3	76.7

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	16.1	21.2	16.1	62.5	17.371	15.3	0.0	0.0	0.0	3.9
2	16.6	23.6	19.4	78.2	17.493	15.4	20.2	0.0	20.2	3.1
3	15.6	24.0	19.6	78.6	17.815	15.7	1.3	24.1	25.4	3.8
4	15.6	22.0	18.3	63.6	17.604	15.5	2.0	15.5	17.5	2.2
5	15.0	24.0	18.4	61.5	17.220	15.1	7.3	10.7	18.0	1.6
6	15.0	20.5	18.0	63.3	17.280	15.2	2.4	15.2	17.6	1.3
7	15.0	22.5	18.1	64.5	16.225	16.0	33.2	3.5	36.7	0.8
8	15.0	23.5	18.5	79.5	16.549	14.9	9.1	0.3	9.4	1.9
9	15.8	23.5	17.6	61.7	16.500	14.5	0.0	8.0	8.0	3.0
10	16.0	21.5	17.7	68.4	17.642	15.5	0.2	0.0	0.2	0.5
11	16.3	22.5	19.1	77.2	17.221	15.1	30.0	1.3	31.3	4.9
12	15.7	23.5	19.0	73.4	16.320	14.3	0.0	0.0	0.0	5.2
13	16.0	23.5	19.3	72.1	16.532	14.4	0.0	0.0	0.0	4.0
14	15.5	24.4	20.5	60.4	16.541	12.7	2.7	0.0	2.7	4.7
15	16.3	23.4	19.1	74.7	16.743	14.7	0.2	0.0	0.2	3.6
16	16.0	23.5	19.2	70.3	15.666	13.8	1.4	0.0	1.4	3.9
17	16.0	20.9	17.4	64.6	16.750	14.7	12.8	0.2	13.0	0.5
18	15.6	20.0	17.4	61.6	16.277	14.3	6.2	3.2	11.4	0.1
19	15.3	21.3	16.1	60.1	16.620	14.6	3.8	1.7	5.5	0.5
20	15.6	23.5	16.1	66.3	15.102	15.5	7.7	0.0	7.7	3.1
21	15.0	24.0	19.0	73.3	16.071	14.0	0.2	0.0	0.2	3.5
22	15.5	23.5	19.2	71.5	16.406	14.3	0.0	0.0	0.0	3.5
23	15.5	23.8	19.5	69.5	16.185	14.2	1.1	0.0	1.1	3.8
24	16.6	22.6	19.6	68.2	15.508	13.5	1.0	0.0	1.0	2.5
25	16.0	23.0	19.6	66.7	15.312	13.3	0.0	0.0	0.0	1.8
26	15.6	22.6	18.8	73.2	16.036	14.0	0.9	0.0	0.9	1.8
27	16.5	24.2	20.6	62.9	16.151	15.8	0.0	0.0	0.0	3.6
28	16.6	25.5	20.3	67.1	16.116	14.1	0.0	0.0	0.0	0.0
29	16.3	23.0	19.2	73.3	16.536	14.5	0.0	0.0	0.0	4.3
30	16.5	22.0	18.9	71.0	16.111	14.0	2.3	0.0	2.3	4.5
31	16.0	23.0	19.5	74.3	16.645	14.6	0.0	0.0	0.0	2.7
PROM	15.8	22.9	18.9	76.3	16.745	14.7	172.0	83.7	255.7	90.3

ESTACION: LUIS BUSTAMANTE

MUNICIPIO: VILLARRICA AÑO: 1.980

ALTITUD: 1.610

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

201

N 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	24.5	18.7	84.1	18.522	16.3	14.6	25.3	39.9	3.5
2	16.0	22.5	19.1	81.7	18.138	16.0	2.8	7.6	10.4	3.0
3	16.0	23.5	18.3	82.5	17.756	15.6	0.0	1.6	1.6	2.9
4	15.0	21.6	19.1	78.0	17.065	15.0	0.1	0.0	0.1	2.3
5	14.6	23.0	18.3	78.8	17.235	15.0	17.8	9.6	27.4	3.6
6	15.0	22.0	18.6	81.3	17.541	15.4	1.3	0.0	1.3	3.3
7	15.0	23.0	19.3	86.2	19.513	17.0	0.4	18.3	18.7	3.9
8	15.5	22.0	18.3	86.4	18.573	16.3	0.0	0.0	0.0	4.2
9	13.6	21.5	18.5	79.1	17.050	15.0	0.0	0.0	0.0	7.3
10	15.0	22.0	19.4	76.6	17.235	15.1	0.0	0.7	0.7	3.8
11	16.0	24.0	20.1	74.8	18.017	15.8	0.2	20.7	20.9	4.1
12	16.0	23.0	18.6	78.6	17.335	15.2	38.7	0.0	38.7	0.1
13	15.0	23.4	18.1	81.7	17.182	15.1	5.2	0.2	5.4	2.6
14	16.0	21.0	17.9	81.4	16.655	14.6	1.0	0.0	1.0	0.7
15	15.0	21.4	18.4	72.1	15.360	13.4	4.8	0.0	4.8	5.3
16	15.6	22.8	18.7	76.7	16.663	14.6	5.2	0.0	5.2	4.4
17	15.0	23.0	19.0	73.4	16.337	14.3	1.3	13.9	15.2	2.7
18	15.0	23.0	18.6	81.9	16.142	15.9	0.0	0.0	0.0	3.8
19	14.5	22.0	18.3	79.6	16.564	14.4	2.7	2.2	4.9	3.5
20	15.0	23.5	17.7	79.6	16.066	14.0	2.1	0.0	2.1	3.7
21	15.6	22.6	18.2	78.4	16.745	14.6	0.5	0.0	0.5	4.1
22	15.3	24.0	19.1	69.3	15.581	13.5	0.0	0.0	0.0	4.0
23	16.5	21.5	18.8	75.1	16.423	14.4	0.0	0.0	0.0	1.4
24	15.0	23.0	18.8	72.0	16.062	13.8	1.2	0.0	1.2	5.2
25	14.6	23.0	19.8	71.8	16.619	14.6	0.0	0.0	0.0	3.3
26	16.5	22.5	18.9	80.2	17.629	15.5	0.0	0.0	0.0	1.0
27	16.5	22.5	18.4	80.4	17.277	15.2	0.0	0.0	0.0	1.8
28	15.3	22.5	20.2	73.6	17.206	18.1	0.0	0.0	0.0	2.5
29	16.6	22.5	18.5	76.6	16.000	14.0	21.9	0.0	21.9	1.8
30	16.0	21.5	18.2	85.5	16.129	15.6	8.0	0.0	8.0	2.1
PROM.	15.4	22.6	18.7	78.5	17.157	15.0	129.8	100.1	229.9	95.9

N 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	22.4	19.0	80.1	17.691	15.6	8.9	0.0	8.9	4.1
2	14.6	22.0	19.5	81.3	16.372	16.1	0.6	23.0	23.6	1.4
3	16.0	22.5	19.1	87.8	19.527	17.2	17.6	0.0	17.6	1.8
4	16.0	21.5	18.2	79.6	16.655	14.8	1.9	0.0	1.9	5.2
5	15.5	21.5	18.9	78.4	17.253	15.2	2.7	0.0	2.7	
6	15.6	23.0	19.7	77.3	17.628	15.6	0.3	0.0	0.3	
7	17.0	20.6	18.0	66.5	17.816	15.6	2.9	0.0	2.9	
8	15.5	20.5	17.8	81.6	16.856	14.8	1.5	0.0	1.5	
9	14.5	22.5	17.7	80.0	16.377	14.3	0.3	0.0	0.3	
10	14.0	23.0	19.1	70.0	15.515	13.9	0.0	0.0	0.0	
11	14.0	23.8	18.2	77.3	16.344	14.3	0.0	0.0	0.0	
12	15.0	22.0	18.1	77.3	16.271	14.1	1.0	0.0	1.0	
13	14.5	22.5	18.6	75.3	16.225	14.1	0.2	0.0	0.2	
14	15.0	22.2	17.6	82.8	16.830	14.7	0.3	0.0	0.3	
15	14.0	23.0	18.9	82.1	17.536	15.7	0.0	0.0	0.0	
16	15.0	22.5	18.2	81.6	17.143	15.0	0.3	3.9	4.2	
17	16.0	21.0	18.7	84.7	18.387	16.1	0.9	0.3	1.2	
18	16.5	22.4	19.2	76.8	17.447	15.2	6.5	5.8	12.3	
19	16.0	24.0	19.4	79.8	17.166	15.1	0.6	0.6	1.2	
20	14.6	23.0	18.5	81.5	17.377	15.2	0.0	0.0	0.0	
21	15.5	22.0	18.3	81.1	17.023	15.0	0.0	0.0	0.0	
22	15.5	21.0	18.7	64.2	18.256	16.0	0.7	1.0	1.7	
23	15.4	21.0	18.3	81.7	17.322	15.2	8.0	0.0	8.0	
24	15.3	22.0	18.5	80.2	17.377	15.2	4.6	0.0	4.6	
25	15.5	20.0	17.5	80.7	16.189	14.2	6.3	0.0	6.3	
26	15.0	21.1	17.2	85.1	16.633	14.6	0.0	0.0	0.0	
27	14.5	21.5	18.1	83.8	17.352	15.3	0.0	3.8	3.8	
28	14.6	22.5	18.9	84.6	16.376	14.4	20.6	3.7	24.3	
29	15.5	21.5	17.6	86.3	17.415	15.3	0.0	11.6	11.6	
30	14.6	21.0	18.5	87.5	16.877	14.5	9.0	0.0	9.0	
31	14.6	20.5	17.4	89.5	17.852	15.7	5.3	0.0	5.3	
PROM.	15.2	21.9	18.3	81.5	17.233	15.1	101.4	62.1	163.5	

ESTACION: LUIS EUSTAMANTE

MUNICIPIO VILLARRICA

AÑO: 1.980

ALTITUD: 1.610

LATITUD: 3-56 N.

LONGITUD: 74-36 W.

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MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.2	23.5	19.4	15.0	26.6	77.6	17.455	15.3	76.6	16	106.2
FEBRERO	15.8	23.5	19.2	15.0	25.6	76.6	17.006	14.8	187.6	14	98.5
MARZO	16.7	24.0	19.9	14.4	25.6	74.0	17.184	15.0	80.8	12	84.3
ABRIL	16.7	23.2	19.4	15.3	25.0	76.9	17.379	15.2	163.7	23	100.9
MAYO	16.6	23.7	19.5	15.6	26.0	75.5	17.208	15.1	171.3	24	110.7
JUNIO	16.2	23.6	19.4	15.0	26.5	75.2	17.049	14.9	99.6	20	115.5
JULIO	16.3	24.2	19.7	14.6	26.4	72.5	16.705	14.6	57.3	23	144.8
AGOSTO	15.7	23.5	19.3	14.0	26.0	69.0	15.501	13.4	87.7	23	130.4
SEPTIEMBRE	15.9	23.5	19.2	15.0	26.0	72.2	16.200	14.1	143.3	18	76.7
OCTUBRE	15.8	22.9	18.9	15.0	25.5	76.3	16.745	14.7	255.7	22	90.3
NOVIEMBRE	15.4	22.6	18.7	13.6	24.5	78.5	17.157	15.0	229.9	21	95.9
DICIEMBRE	15.2	21.9	18.3	14.0	24.0	81.5	17.233	15.1	163.5	26	
PROMEDIO	16.0	23.3	19.2	14.7	25.7	75.5	16.902	14.8			
TOTAL	1717.3									242	

ESTACION: EL LIMON
 ALTITUD: 950

MUNICIPIO: CHAPARRAL
 LATITUD: 3-43 N.

AÑO: 1-980
 LONGITUD: 75-38 W.

M E S - E N E R O

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	27.7	22.0	82.1	21.572	15.7	0.0	11.3	11.3	1.8
2	18.6	28.4	22.2	83.4	22.335	15.2	0.0	4.5	4.5	3.2
3	18.8	31.1	23.4	79.2	22.635	15.5	2.9	0.0	2.9	4.2
4	19.0	32.7	23.5	74.0	20.523	18.2	0.0	0.0	0.0	6.2
5	19.0	30.8	23.4	76.1	21.521	19.0	0.0	4.2	4.2	7.2
6	19.0	31.2	23.5	79.2	22.772	19.6	5.7	0.0	5.7	6.8
7	18.0	31.8	23.7	73.1	21.246	16.5	6.0	0.0	6.0	6.6
8	17.3	31.4	23.1	72.8	20.425	17.8	0.0	0.0	0.0	8.1
9	16.3	31.3	22.8	74.5	20.360	17.7	0.0	0.0	0.0	9.1
10	18.6	30.4	23.1	60.3	22.572	19.4	1.0	0.0	1.0	5.0
11	18.6	30.1	23.3	61.1	23.071	19.7	0.0	0.2	0.2	5.6
12	19.3	27.1	22.6	66.2	23.706	20.2	0.0	0.0	0.0	2.5
13	19.0	27.1	22.3	65.4	23.342	20.0	1.1	0.0	1.1	0.9
14	18.0	28.1	22.0	83.3	22.166	15.1	0.0	17.7	17.7	5.1
15	18.3	26.1	22.0	84.7	22.408	19.3	0.7	0.0	0.7	0.3
16	16.0	27.0	22.9	86.7	21.425	18.6	0.0	3.8	3.8	1.7
17	18.0	28.1	22.3	85.4	22.527	19.7	0.0	1.1	1.1	4.7
18	19.0	28.3	22.8	82.0	22.468	19.5	2.4	18.2	20.6	3.0
19	18.6	25.0	20.2	93.1	22.006	19.0	4.6	0.0	4.6	1.7
20	15.6	29.9	22.1	81.1	21.338	18.4	0.1	0.0	0.1	7.7
21	17.9	35.3	23.3	83.8	23.488	19.3	0.0	0.0	0.0	3.2
22	17.6	31.4	23.2	75.0	20.796	18.1	0.0	0.1	0.1	7.3
23	19.5	30.1	23.0	76.7	21.988	19.0	0.0	0.0	0.0	3.1
24	18.4	29.9	23.0	82.1	22.151	20.6	0.0	12.9	12.9	6.1
25	17.0	31.8	23.7	78.8	22.033	19.7	0.0	0.0	0.0	6.4
26	16.8	33.0	23.3	70.7	19.659	17.2	0.0	0.0	0.0	9.9
27	15.6	33.1	24.2	68.6	19.878	17.3	0.0	4.0	4.0	7.7
28	19.4	27.4	22.8	84.7	23.437	20.0	0.0	0.0	0.0	0.1
29	18.0	30.4	23.8	82.4	23.503	20.3	0.0	0.0	0.0	5.9
30	19.2	23.6	21.0	51.6	22.745	19.5	8.0	1.0	9.0	0.0
31	17.3	27.1	21.5	68.8	22.354	15.2	2.0	0.0	2.0	2.4
PROM.	18.0	29.4	22.7	80.5	22.146	19.1	29.3	79.0	108.3	151.7

M E S - F E B R E R O

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	25.5	22.0	87.2	22.667	19.6	8.0	29.0	37.0	0.3
2	19.3	26.6	21.3	87.8	22.535	15.4	1.0	4.0	5.0	0.7
3	18.8	30.0	23.6	81.6	22.434	20.0	0.0	83.0	83.0	0.9
4	17.6	27.0	21.8	85.3	21.529	16.9	0.0	20.0	20.0	3.9
5	18.0	26.0	21.9	87.7	22.602	19.6	0.0	0.0	0.0	0.8
6	18.8	27.1	22.8	83.1	22.657	15.6	0.0	0.0	0.0	1.8
7	19.8	28.1	22.3	83.5	22.565	19.5	0.0	0.0	0.0	3.6
8	19.0	30.0	23.3	84.1	22.111	20.5	0.0	4.0	4.0	6.9
9	19.0	30.4	23.1	83.6	23.488	20.0	13.0	0.0	13.0	5.4
10	19.3	30.6	23.8	79.5	23.299	19.9	0.0	0.0	0.0	8.7
11	20.0	30.4	24.2	75.5	22.626	19.5	0.0	0.0	0.0	8.2
12	19.5	31.3	23.6	74.3	21.575	18.7	1.0	0.0	1.0	6.1
13	18.0	31.0	23.0	80.1	22.625	20.2	0.0	0.0	0.0	8.5
14	18.0	32.1	24.0	75.8	22.459	19.3	0.0	7.0	7.0	5.5
15	18.6	29.0	23.3	80.8	22.674	19.5	0.0	0.0	0.0	8.1
16	19.0	28.4	23.3	81.5	23.142	19.8	0.0	42.0	42.0	3.9
17	18.6	29.0	23.4	82.3	23.376	20.0	0.0	0.0	0.0	6.7
18	18.8	29.1	21.5	83.5	23.206	15.9	0.0	48.0	48.0	5.6
19	18.0	26.4	21.5	87.3	23.654	19.5	10.0	13.0	23.0	1.4
20	18.0	26.0	21.4	88.1	23.353	15.2	1.0	4.0	5.0	1.4
21	18.5	26.3	22.4	86.9	23.438	20.0	0.0	0.0	0.0	2.3
22	17.4	29.1	22.4	83.4	22.518	15.4	0.0	0.0	0.0	8.3
23	18.5	30.0	23.0	79.2	22.054	15.1	0.0	0.0	0.0	9.3
24	18.5	29.0	23.4	82.5	22.344	19.3	0.0	10.0	10.0	2.6
25	19.6	28.0	22.5	82.5	22.652	15.5	7.0	13.0	20.0	0.0
26	19.5	28.1	22.8	82.9	22.722	15.5	0.0	0.0	0.0	3.0
27	17.5	29.1	22.4	81.5	22.570	15.0	0.0	0.0	0.0	7.5
28	18.8	30.2	23.2	78.7	22.267	19.2	0.0	0.0	0.0	8.1
29	19.0	29.0	23.4	77.6	22.352	15.3	0.0	0.0	0.0	6.2
PROM.	18.7	28.7	22.8	82.4	22.756	19.5	41.0	267.0	308.0	143.7

ESTACION: EL LIMON
 ALTITUD: 950

MUNICIPIO: CHAPARRAL AÑO: 1.980
 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	18.4	30.3	23.1	74.0	15.754	16.5	0.0	0.0	0.0	8.3
2	18.8	30.2	23.5	77.1	22.107	15.1	0.0	4.0	4.0	8.2
3	20.0	27.3	22.6	84.6	23.222	15.5	0.0	7.0	10.0	8.2
4	18.4	25.5	22.6	62.6	22.287	19.3	0.0	0.0	0.0	4.6
5	17.4	27.0	20.6	50.2	22.038	19.1	0.0	0.0	7.0	5.3
6	18.3	29.5	21.0	79.6	22.372	15.3	0.0	1.3	1.3	3.2
7	18.0	29.5	22.8	61.5	22.278	15.3	1.5	0.0	1.5	3.2
8	19.4	31.5	24.7	72.7	22.555	15.2	0.0	0.0	0.0	9.2
9	18.8	32.7	24.4	73.6	21.556	15.0	0.0	0.0	0.0	9.2
10	18.3	30.5	23.3	70.1	19.732	17.3	0.0	0.0	0.0	5.4
11	18.3	32.0	24.6	71.9	22.105	19.1	0.0	0.0	0.0	7.2
12	19.3	31.1	24.9	69.4	21.571	15.0	0.0	0.0	0.0	2.4
13	17.0	32.2	25.1	66.9	21.137	16.4	0.0	0.0	0.0	6.6
14	16.6	25.4	23.6	76.2	22.511	15.4	0.5	0.0	0.5	0.9
15	17.5	31.8	24.8	71.3	22.110	15.1	0.0	0.0	0.0	4.8
16	17.6	32.5	24.6	65.5	15.766	17.3	0.0	0.0	0.0	5.6
17	18.7	32.0	24.6	69.5	21.516	16.6	0.0	9.1	9.1	5.1
18	17.4	27.7	21.5	77.5	21.206	16.4	0.0	11.5	11.5	1.3
19	18.4	27.2	21.2	87.7	22.253	15.3	10.0	0.0	10.0	1.3
20	17.2	31.0	23.6	74.9	21.782	16.8	0.0	0.3	0.3	8.9
21	17.4	30.9	24.0	73.6	21.614	16.7	0.0	0.0	0.0	5.4
22	18.3	33.5	23.8	78.3	22.668	19.7	3.2	1.5	5.1	2.2
23	16.9	29.0	22.5	77.1	20.540	18.2	0.0	0.0	0.0	1.8
24	17.5	33.2	25.1	65.5	20.533	17.5	0.0	0.6	1.0	7.4
25	18.2	30.0	23.3	75.8	21.274	18.4	0.5	0.5	1.0	0.8
26	18.3	31.6	24.7	70.9	21.050	16.3	0.0	0.0	0.0	5.6
27	19.1	32.5	25.6	64.6	21.143	16.4	0.0	0.6	0.6	7.2
28	21.1	31.6	25.8	66.4	21.551	18.6	0.0	0.0	0.0	4.0
29	20.6	31.9	24.7	73.1	22.659	15.5	0.0	0.0	0.0	0.3
30	20.0	28.5	23.1	78.4	22.250	15.3	3.0	0.0	3.0	0.0
31	18.5	33.1	24.9	75.7	23.548	20.0	0.0	0.0	0.0	6.1
PROM.	18.4	30.6	23.8	74.7	21.751	16.8	29.1	36.2	65.3	15.6

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	33.0	24.9	64.6	15.545	17.4	0.0	1.0	1.0	10.2
2	20.0	25.0	23.0	78.2	21.662	18.8	0.0	0.0	0.0	9.9
3	18.6	30.7	24.1	74.6	22.057	15.1	0.0	23.0	23.0	5.7
4	18.1	30.4	23.2	77.3	21.669	18.8	0.0	10.0	10.0	7.1
5	18.6	29.0	22.9	62.4	22.522	15.7	0.0	0.0	0.0	2.8
6	19.1	29.7	23.4	78.7	22.775	15.6	24.0	5.0	29.0	1.1
7	18.6	28.5	22.7	81.4	22.367	15.3	0.0	10.0	10.0	4.7
8	18.0	26.0	22.6	81.6	22.112	15.1	0.0	0.0	0.0	0.8
9	18.2	25.2	23.5	77.4	22.238	19.2	0.5	1.0	1.5	5.0
10	18.6	26.2	21.0	85.4	22.640	15.6	0.1	0.1	0.2	1.2
11	18.6	29.5	21.2	79.4	21.629	18.5	0.5	0.0	0.5	5.2
12	17.4	29.7	23.9	82.5	24.252	20.6	0.0	4.0	4.0	6.6
13	18.0	30.0	23.0	76.6	21.265	16.5	0.0	3.0	3.0	5.7
14	18.9	25.7	23.2	75.8	20.555	16.2	0.0	13.0	13.0	2.8
15	17.5	25.5	23.3	72.8	20.566	17.5	0.0	0.0	0.0	5.8
16	17.3	29.5	22.3	70.3	16.579	16.7	0.0	0.1	0.1	2.6
17	18.9	30.5	23.3	70.4	15.553	17.5	0.0	0.0	0.0	2.5
18	19.5	30.2	24.4	64.4	15.047	16.6	0.0	0.0	0.0	6.4
19	19.4	30.6	24.8	65.8	20.168	17.6	0.0	0.5	0.5	3.7
20	19.5	32.5	25.1	65.9	20.568	17.9	1.0	0.0	1.0	6.6
21	20.6	30.6	24.0	71.6	20.634	18.0	0.0	0.0	0.0	1.9
22	19.3	31.6	24.0	75.4	22.130	15.0	10.2	0.0	10.2	5.3
23	18.5	29.0	23.3	79.4	24.120	20.4	0.0	6.4	6.4	2.8
24	20.5	29.2	24.1	83.3	24.665	20.2	0.0	0.0	0.0	0.0
25	20.4	28.5	22.5	87.6	24.002	20.4	4.4	22.0	27.0	2.6
26	18.4	24.7	20.3	52.2	22.543	15.4	7.1	0.0	7.1	0.0
27	16.6	31.8	23.4	73.4	20.635	18.1	0.0	0.0	0.0	5.5
28	19.5	31.6	24.7	69.3	20.730	17.8	0.0	2.9	2.9	5.5
29	19.7	30.8	23.5	81.2	23.445	20.1	1.6	5.5	7.1	5.2
30	20.0	30.3	23.6	82.6	23.511	20.4	1.5	39.9	41.4	5.3
PROM	18.8	25.8	23.4	76.7	21.667	18.8	50.9	148.0	198.9	134.0

ESTACION: EL LIMON
 ALTITUD: 990

MUNICIPIO: CHAPARRAL ARO: 1.980
 LATITUD: 3-43 N. LONGITUD: 75-38 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocio °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.8	26.5	21.7	88.6	23.178	19.8	4.5	2.5	7.0	3.2
2	19.7	30.3	23.7	79.4	23.115	19.8	0.0	15.7	15.7	6.9
3	19.8	30.3	24.1	81.7	24.129	20.5	0.0	0.0	0.0	4.8
4	20.0	30.6	23.8	74.6	21.646	18.9	0.0	0.0	0.0	1.4
5	18.7	31.4	23.5	76.6	21.658	19.0	0.0	0.0	0.0	1.7
6	18.9	31.4	23.5	84.6	24.328	20.0	0.2	0.7	0.9	2.6
7	18.9	31.4	24.2	79.1	22.776	20.0	0.0	0.6	0.6	7.5
8	20.2	31.7	23.5	60.7	23.454	20.0	0.0	0.0	0.0	3.7
9	20.6	31.7	24.9	77.3	24.315	20.0	0.0	0.0	0.0	5.8
10	21.0	31.5	24.8	73.3	22.268	19.0	0.0	82.3	82.3	5.9
11	18.9	32.2	24.0	75.1	22.474	19.0	0.0	0.0	0.0	7.0
12	18.9	31.4	24.6	73.7	22.696	16.6	0.0	0.9	0.9	8.8
13	20.3	30.2	23.6	74.7	21.340	16.4	0.0	1.8	1.8	1.1
14	19.7	31.1	23.9	77.7	23.137	15.6	0.0	52.0	52.0	5.8
15	19.3	27.9	22.1	68.8	23.643	20.2	5.5	0.0	5.5	1.7
16	18.9	31.2	23.7	78.9	23.116	16.8	0.0	7.2	7.2	7.7
17	20.7	32.0	24.1	80.5	24.066	20.5	0.0	0.3	0.3	6.5
18	20.7	32.0	23.4	77.1	22.805	16.3	0.0	5.9	5.9	5.3
19	18.7	31.2	23.0	80.1	22.462	16.3	0.0	0.0	0.6	9.4
20	19.5	31.8	25.3	75.6	24.313	20.6	0.0	0.0	0.0	7.8
21	20.3	31.2	23.9	74.0	22.024	16.1	0.0	0.0	0.0	1.6
22	17.7	31.2	23.0	71.2	20.000	17.5	0.0	0.1	0.1	5.4
23	19.3	31.5	24.5	75.0	22.754	16.6	0.0	0.0	0.0	8.8
24	18.7	31.4	24.0	76.4	22.623	16.6	0.0	0.0	0.0	9.2
25	20.7	31.8	23.8	20.9	24.116	20.5	0.3	0.0	0.3	5.2
26	19.2	28.8	22.7	68.8	24.532	20.8	0.0	0.0	0.0	3.0
27	20.0	29.7	22.9	79.8	22.529	19.4	0.0	0.0	0.0	4.2
28	18.9	32.0	24.6	70.3	21.615	16.7	0.0	0.0	0.0	7.2
29	18.8	31.9	25.4	64.7	20.645	16.0	0.0	0.7	0.7	10.5
30	17.7	31.3	23.3	71.1	19.715	17.2	0.0	0.0	0.0	8.7
31	19.8	31.9	23.5	75.7	21.631	16.7	0.0	1.9	1.9	8.9
PROM.	19.4	30.7	23.8	77.6	22.743	19.5	10.5	172.6	183.1	178.0

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocio °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	20.4	28.7	23.1	83.0	23.345	19.9	0.2	47.1	47.3	2.7
2	18.0	23.7	15.4	61.4	20.637	16.1	7.6	0.0	7.6	0.7
3	17.3	31.6	23.4	76.6	21.203	18.2	0.0	0.9	0.9	7.2
4	18.3	30.8	23.7	73.8	20.647	16.0	0.0	0.7	0.7	6.4
5	19.7	30.6	23.5	66.5	21.458	16.5	0.2	0.0	0.2	2.2
6	18.2	30.5	24.5	76.5	19.923	17.3	0.0	4.3	4.3	4.6
7	19.0	31.5	23.8	79.8	22.681	20.2	3.7	0.0	3.7	4.5
8	18.0	31.4	24.3	76.1	22.660	19.6	0.0	0.1	0.1	5.7
9	19.7	32.5	24.3	76.6	23.041	19.7	0.0	1.4	1.4	10.3
10	20.4	27.5	23.2	86.0	24.455	20.7	1.6	2.3	3.9	0.6
11	18.5	29.5	21.6	85.1	22.423	16.3	4.5	0.0	4.5	3.5
12	18.6	30.0	22.8	82.8	22.678	16.7	7.1	58.1	65.2	4.0
13	17.8	27.4	22.3	85.6	23.006	19.7	0.3	0.0	0.3	3.3
14	19.0	31.7	23.5	72.0	21.244	18.4	0.0	0.0	0.0	10.2
15	17.7	32.0	23.5	68.0	20.345	17.7	0.0	0.0	0.0	9.7
16	17.8	31.8	23.5	68.7	19.581	17.5	0.0	0.7	0.7	9.0
17	17.2	32.3	24.3	71.8	21.206	16.3	0.0	0.0	0.0	8.1
18	20.3	30.2	23.9	73.3	22.233	16.2	0.0	0.0	0.0	7.0
19	18.7	30.5	24.3	73.4	22.146	19.1	0.0	11.7	11.7	4.2
20	19.4	30.0	23.0	66.6	23.014	19.7	0.0	0.2	0.2	5.8
21	16.3	30.8	22.5	78.1	20.562	18.1	0.0	0.0	0.0	6.7
22	20.0	31.4	24.6	72.0	21.913	18.9	0.0	0.0	0.0	6.1
23	19.0	31.1	23.4	73.9	20.530	16.2	0.0	2.7	2.7	6.4
24	17.3	32.0	24.2	76.0	22.628	16.6	0.0	0.0	0.0	6.3
25	18.6	32.0	24.4	77.6	23.398	20.0	0.0	0.7	0.7	7.7
26	19.0	29.0	22.8	64.3	23.339	20.0	3.2	1.4	4.6	3.6
27	18.4	30.3	23.1	77.4	21.611	16.9	0.0	0.0	0.0	6.6
28	17.4	30.1	23.2	66.3	18.335	16.0	0.0	0.2	0.2	5.2
29	18.6	30.4	24.1	72.5	21.168	16.4	0.0	0.0	0.0	8.6
30	17.0	31.8	24.6	68.8	20.726	16.1	0.0	0.0	0.0	9.7
PROM	18.6	30.2	23.4	76.7	21.655	18.8	28.2	132.5	160.7	176.6

ESTACION: EL LIMON
 ALTUD: 950

MUNICIPIO: CHAPARRAL
 LATITUD: 3-43 N.

AÑO: 1.980
 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	17.4	32.3	23.7	75.1	21.544	18.7	0.0	0.7	0.7	8.6
2	17.3	31.0	22.9	73.7	20.123	17.6	0.0	0.0	0.0	5.8
3	18.6	32.0	23.7	66.4	16.560	16.6	0.0	0.0	0.0	9.8
4	19.0	31.6	24.5	69.1	21.109	18.3	0.0	0.1	0.1	6.9
5	19.1	30.6	24.3	70.9	21.021	18.3	0.0	0.0	0.0	4.6
6	19.0	31.5	24.1	72.1	20.552	18.3	0.0	0.0	0.0	6.4
7	19.0	32.7	24.5	70.0	20.746	18.1	0.0	0.0	0.0	6.1
8	20.0	32.6	25.5	64.8	20.455	17.7	0.0	0.0	0.0	10.2
9	19.1	31.1	23.7	74.1	21.060	18.9	0.0	0.0	0.0	6.9
10	19.0	31.7	23.6	75.1	21.731	18.8	1.8	0.0	1.8	5.1
11	17.4	31.6	23.7	71.6	20.527	17.5	0.0	0.0	0.0	6.5
12	19.1	32.1	24.0	73.2	21.065	18.8	0.0	0.5	0.5	8.7
13	18.6	31.8	23.4	72.3	20.656	18.0	0.0	0.0	0.0	5.9
14	17.3	31.4	24.6	69.4	20.757	18.1	0.0	0.0	0.0	4.4
15	18.6	32.3	21.7	81.5	21.514	18.6	1.3	0.0	1.3	1.1
16	16.3	31.6	24.2	65.8	19.234	16.6	0.0	0.1	0.1	8.7
17	18.6	30.5	23.8	71.0	20.661	18.0	0.0	0.0	0.0	2.5
18	20.0	33.3	24.8	64.5	19.654	17.2	0.0	0.0	0.0	7.7
19	18.4	32.6	24.5	62.3	19.231	17.3	0.0	0.0	0.0	7.6
20	20.1	31.3	23.5	72.0	21.261	18.5	0.0	0.6	0.6	6.3
21	19.1	27.1	20.8	84.1	20.701	18.0	1.8	0.0	1.8	1.8
22	17.1	29.0	22.8	77.4	21.538	18.7	0.1	0.0	0.1	4.3
23	18.4	30.1	23.4	76.0	21.576	18.7	0.0	0.0	0.0	6.4
24	18.6	30.4	23.4	73.6	20.900	18.2	0.0	0.0	0.0	5.2
25	18.1	31.8	24.0	73.0	21.620	18.8	0.0	0.4	0.4	6.0
26	19.1	32.6	24.5	67.6	20.261	17.7	0.0	0.0	0.0	5.3
27	19.1	32.9	25.1	67.9	20.652	18.0	0.0	1.1	1.1	7.0
28	18.0	30.7	24.2	72.8	21.160	18.4	0.0	0.0	0.0	6.1
29	18.6	32.3	24.5	70.0	21.269	18.5	0.0	0.0	0.0	8.1
30	18.6	33.8	25.9	53.5	18.064	15.8	0.0	0.0	0.0	10.0
31	20.1	32.3	24.0	65.6	19.266	16.9	0.0	3.6	3.6	5.4
PROM.	18.6	31.5	23.9	71.1	20.652	18.0	5.0	7.1	12.1	201.4

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	17.3	29.0	22.7	74.2	19.536	17.4	0.0	0.0	0.0	2.4
2	18.8	33.2	25.7	60.1	19.463	17.0	0.0	0.0	0.0	6.4
3	18.2	33.5	25.6	61.2	19.220	17.1	0.0	0.0	0.0	10.2
4	18.8	29.4	23.0	76.7	21.059	18.3	0.2	4.7	4.9	3.9
5	17.4	25.4	21.5	68.3	22.352	19.3	21.3	0.0	21.3	0.0
6	18.0	30.3	23.7	78.1	22.701	19.5	3.1	0.0	3.1	4.0
7	17.7	31.0	23.8	75.3	21.655	18.7	0.0	5.2	5.2	4.4
8	19.8	26.3	22.7	81.3	22.121	19.0	21.7	0.0	21.7	2.6
9	17.8	31.2	24.5	65.0	18.479	15.9	0.0	0.2	0.2	6.8
10	18.5	32.0	24.3	65.4	19.566	17.5	0.0	0.0	0.0	8.4
11	16.0	32.6	24.4	61.6	17.652	15.5	0.0	0.0	0.0	9.3
12	18.5	30.5	23.4	72.0	20.627	18.0	0.0	0.0	0.0	4.7
13	18.0	33.3	24.9	62.5	19.504	17.1	0.0	0.0	0.0	10.2
14	20.0	31.2	24.3	70.7	21.266	18.5	0.0	0.0	0.0	5.7
15	20.0	31.0	24.2	65.2	19.471	17.0	0.0	0.0	0.0	3.0
16	19.2	31.4	24.1	69.3	20.431	17.8	0.0	0.0	0.0	6.0
17	19.1	32.0	24.2	70.4	21.562	18.7	0.0	0.0	0.0	6.9
18	18.4	32.0	24.2	64.2	22.234	19.5	0.0	0.0	0.0	1.7
19	16.5	31.3	23.6	68.1	19.514	17.1	0.0	0.0	0.0	5.3
20	18.7	29.2	23.8	76.9	21.263	18.5	0.1	0.0	0.1	1.3
21	16.7	31.4	23.4	65.4	18.017	16.4	0.0	0.0	0.0	7.0
22	15.8	31.2	23.5	66.2	18.570	16.2	0.0	3.7	3.7	4.1
23	16.6	32.8	24.4	67.3	17.468	15.3	0.0	0.0	0.0	9.6
24	17.2	31.2	24.3	67.6	18.118	15.9	0.0	0.0	0.0	9.4
25	15.1	32.7	25.0	66.7	16.552	14.5	0.0	0.0	0.0	10.7
26	21.0	33.0	25.3	67.4	21.130	18.4	0.0	1.1	1.1	6.6
27	18.1	33.0	23.6	70.7	20.025	17.5	0.0	0.3	0.3	5.4
28	18.1	30.7	24.1	67.4	19.453	17.0	0.3	0.0	0.3	4.5
29	19.4	32.0	24.1	73.6	21.491	18.6	0.1	0.0	0.1	1.4
30	19.1	32.6	25.1	66.2	20.370	17.8	0.0	0.0	0.0	6.8
31	18.1	33.6	26.0	62.6	20.351	17.8	0.0	1.7	1.7	5.5
PROM.	18.1	31.1	24.0	69.3	20.128	17.5	46.8	56.9	103.7	181.0

ESTACION: EL LIMON

MUNICIPIO CHAPARRAL

AÑO: 1.980

ALTITUD: 990

LATITUD: 3-43 N.

LONGITUD: 75-38 W.

209

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	18.0	29.4	22.7	15.6	33.1	80.9	22.146	19.1	108.3	21	151.7
FEBRERO	18.7	28.7	22.8	17.4	32.1	82.4	22.758	19.5	306.0	13	143.7
MARZO	18.4	30.6	23.8	16.6	33.2	74.7	21.751	18.8	65.3	14	151.6
ABRIL	18.8	29.8	23.4	16.6	33.0	76.7	21.857	18.8	198.9	21	134.0
MAYO	19.4	30.7	23.8	17.7	32.2	77.6	22.743	19.5	183.1	16	178.0
JUNIO	18.6	30.2	23.4	17.0	32.5	76.7	21.859	18.8	160.7	20	176.6
JULIO	18.6	31.5	23.9	16.3	33.6	71.1	20.692	18.0	12.1	12	201.4
AGOSTO	18.1	31.1	24.0	15.1	33.7	69.3	20.128	17.5	103.7	13	181.0
SEPTIEMBRE	18.9	31.1	23.5	16.5	34.3	73.1	21.177	18.3	170.0	16	166.5
OCTUBRE	18.3	29.3	22.8	16.2	32.0	81.1	22.400	19.3	339.9	19	156.3
NOVIEMBRE	18.3	28.1	22.2	15.6	30.6	84.7	22.714	19.5	326.3	25	144.0
DICIEMBRE	18.5	28.7	22.4	16.6	31.3	84.1	22.784	19.6	318.2	24	139.7
PROMEDIO	18.6	29.9	23.3	16.4	32.7	77.7	21.917	18.9			
TOTAL									2294.5	214	1924.5

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	17.5	21.0	19.7	92.7	21.444	18.3	25.5	36.4	61.9	3.3
2	15.0	25.0	20.3	82.1	19.456	17.0	0.3	7.6	7.9	6.2
3	15.6	26.0	21.6	78.9	19.525	17.1	2.0	6.1	8.1	4.2
4	17.0	22.0	20.0	79.6	18.605	16.3	0.0	0.0	0.0	2.3
5	18.0	27.0	21.5	54.2	14.523	12.5	0.0	0.0	0.0	7.7
6	17.0	24.3	19.8	79.2	18.468	16.2	6.8	0.3	7.1	2.6
7	17.3	27.0	22.8	58.9	16.173	14.2	0.0	0.0	2.8	2.8
8	17.4	25.0	21.2	82.3	20.702	18.0	0.0	2.8	0.0	9.9
9	17.4	27.5	22.2	68.8	17.750	15.6	0.0	0.0	0.0	6.8
10	18.0	26.3	22.7	74.3	20.201	17.6	0.0	0.0	0.0	6.0
11	17.0	27.4	22.9	63.5	16.559	14.9	0.0	0.0	0.0	10.9
12	18.0	25.0	21.5	65.3	17.447	15.3	0.3	0.0	0.3	7.0
13	19.0	25.0	21.6	63.5	16.312	14.3	0.0	0.0	0.0	2.5
14	17.5	26.8	22.3	67.7	17.614	15.5	0.1	0.0	0.1	4.7
15	17.0	21.3	18.8	86.1	18.502	16.5	3.1	4.3	7.4	1.1
16	15.0	22.6	21.8	69.4	17.607	15.5	0.0	0.0	0.0	9.4
17	17.6	22.6	21.5	67.7	16.850	14.8	0.0	1.3	1.3	5.1
18	17.0	26.1	22.3	65.6	16.948	14.9	0.0	0.2	0.2	6.7
19	16.2	26.0	21.3	65.0	16.225	14.2	0.0	0.0	0.0	5.6
20	15.0	26.5	21.3	64.6	15.806	13.8	0.0	5.3	5.3	9.5
21	16.0	26.0	15.8	75.5	17.874	15.7	1.9	0.0	1.9	5.1
22	17.0	27.0	22.0	56.3	14.404	12.8	0.0	4.1	4.1	7.7
23	15.0	26.0	20.3	65.4	15.123	13.1	0.0	0.0	0.0	7.1
24	15.5	27.2	21.3	63.6	15.529	13.6	0.0	0.4	0.4	9.4
25	17.1	28.0	21.8	60.1	15.545	13.5	0.3	0.1	0.4	8.3
26	16.0	23.3	15.3	82.0	17.552	15.8	1.2	0.0	1.2	2.6
27	17.0	26.0	21.5	61.8	15.524	13.9	0.0	0.0	0.0	5.0
28	18.0	29.3	22.9	48.6	13.672	11.6	0.0	0.0	0.0	5.1
29	15.0	28.3	20.5	71.2	17.132	15.0	3.3	0.0	3.3	7.1
30	15.5	27.0	21.3	67.5	16.983	14.8	0.0	0.0	0.0	8.5
31	15.5	24.0	20.5	78.3	18.548	16.1	0.3	0.0	0.3	5.3
PROM.	16.7	25.9	21.3	69.7	17.315	15.1	45.1	69.1	114.2	196.5

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	17.0	21.0	18.5	90.3	18.986	16.6	3.3	1.8	5.1	0.2
2	15.6	21.0	16.1	92.8	18.570	16.6	1.8	0.0	1.8	1.7
3	15.0	26.0	21.3	68.6	17.420	15.3	0.0	0.9	0.9	8.1
4	16.5	26.0	21.3	69.4	17.210	15.1	0.0	0.0	0.0	9.5
5	18.0	23.3	19.2	74.8	16.771	14.8	1.6	0.3	1.9	5.0
6	16.0	27.3	22.2	57.4	15.464	13.5	0.0	1.4	1.4	8.9
7	18.0	26.0	20.7	67.6	16.501	14.5	0.3	0.0	0.3	5.6
8	18.0	26.0	21.2	67.7	16.513	14.8	0.0	0.0	0.0	8.2
9	17.0	27.8	22.4	58.1	15.665	13.7	0.0	15.3	15.3	10.3
10	15.6	22.2	18.3	82.7	17.366	15.1	3.0	6.3	9.3	1.5
11	15.0	24.1	18.9	78.7	17.466	15.4	1.4	0.0	1.4	4.3
12	17.0	25.4	21.8	65.0	17.275	15.1	0.0	8.7	8.7	3.4
13	16.0	21.3	20.2	78.2	17.322	15.6	0.0	0.0	0.0	2.4
14	15.0	26.4	21.5	58.6	14.273	12.2	0.0	0.0	0.0	11.1
15	19.0	26.2	22.5	52.4	14.258	12.3	0.0	0.0	0.0	10.9
16	18.0	27.0	22.5	52.0	14.372	12.2	0.0	2.8	2.8	9.8
17	15.6	26.0	21.7	63.3	15.614	13.6	0.0	0.0	0.0	6.8
18	18.0	26.0	21.3	57.9	14.569	12.6	0.0	0.0	0.0	5.9
19	18.0	27.0	21.5	57.5	14.753	12.7	0.0	6.2	6.2	5.4
20	17.0	22.0	15.8	75.8	17.206	14.9	4.3	0.8	5.1	0.5
21	16.3	24.0	21.0	60.5	14.573	13.0	0.0	1.8	1.8	3.5
22	17.6	26.4	21.3	55.8	14.276	12.3	0.0	0.0	0.0	6.8
23	16.5	26.4	21.7	54.5	14.256	12.2	0.0	0.0	0.0	10.5
24	18.0	28.3	23.5	56.2	15.757	13.8	0.0	0.0	0.0	4.8
25	19.0	29.6	24.0	55.5	16.359	14.3	0.0	0.7	0.7	8.7
26	17.0	24.0	20.5	73.6	17.715	15.4	0.0	0.0	0.0	4.1
27	17.5	27.0	22.2	53.1	14.627	12.0	0.0	0.0	0.0	10.1
28	18.0	24.4	20.8	55.2	13.655	11.7	0.0	1.3	1.3	3.7
29	16.0	25.6	21.1	62.4	15.338	13.3	0.0	0.0	0.0	9.4
30	17.4	27.0	22.5	54.2	14.632	12.8	0.0	1.0	1.0	8.0
PROM.	17.0	25.4	21.1	65.0	16.002	13.9	15.7	49.4	65.1	190.3

ESTACION: LA MONTANA

MUNICIPIO: COLORES

AÑO: 1.980

ALTITUD: 1.260

LATITUD: 3-33 N.

LONGITUD: 74-54 W.

214

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	20.8	68.4	16.635	14.4	0.1	0.0	0.1	8.8
2	18.0	29.0	22.5	48.2	13.014	10.9	0.0	0.0	0.0	5.8
3	16.3	29.5	23.6	40.5	16.274	14.1	0.0	0.0	0.0	2.5
4	18.8	30.6	24.5	44.1	13.154	11.1	0.0	1.5	1.5	5.4
5	17.0	26.0	21.1	59.1	14.224	12.1	0.3	1.5	1.8	5.4
6	17.0	26.0	21.5	52.2	13.400	11.3	0.0	0.0	0.0	5.5
7	16.0	27.0	22.3	53.5	14.061	12.1	0.0	0.0	0.0	5.2
8	20.0	30.0	22.0	46.6	12.260	9.5	0.0	4.3	4.3	7.5
9	15.0	26.0	20.3	66.1	15.363	13.4	0.5	0.0	0.5	6.5
10	18.0	25.3	20.1	68.3	15.660	13.5	0.9	0.0	0.9	4.1
11	16.5	28.0	22.0	52.5	13.650	11.6	0.0	0.7	0.7	5.0
12	18.0	27.0	22.0	53.6	14.102	12.1	0.0	0.0	0.0	7.2
13	18.0	27.6	22.8	49.2	13.275	11.2	0.0	0.0	0.0	8.1
14	18.0	30.6	24.3	51.2	14.575	12.9	0.0	0.0	0.0	8.0
15	19.0	27.0	22.0	70.6	16.751	16.3	0.0	0.0	0.0	3.5
16	17.0	23.6	20.5	73.1	17.608	15.3	0.0	0.0	0.0	1.6
17	15.6	26.5	21.5	58.5	14.654	12.7	0.7	0.0	0.7	4.7
18	18.0	28.0	22.2	54.5	14.545	12.4	0.0	0.0	0.0	2.5
19	17.0	25.0	20.5	62.5	15.703	17.3	0.0	0.0	0.0	5.6
20	16.0	28.2	22.5	40.5	15.565	13.9	0.5	0.0	0.5	5.1
21	17.0	26.0	21.5	72.7	16.406	16.1	22.1	3.6	25.7	4.5
22	16.0	24.8	20.7	64.0	15.500	13.6	0.0	0.0	0.0	5.4
23	16.4	26.3	21.0	53.0	13.179	11.0	0.0	0.0	0.0	10.3
24	18.3	26.3	23.3	47.0	13.569	11.2	0.0	0.0	0.0	6.2
25	18.3	26.8	22.0	56.5	14.655	12.9	1.0	0.0	1.0	6.7
26	18.0	29.6	24.4	44.3	13.126	11.0	0.0	0.0	0.0	6.7
27	16.6	27.0	23.3	49.7	16.524	16.2	0.0	0.0	0.0	6.7
28	15.6	22.0	19.8	85.5	15.244	16.8	15.8	0.0	15.8	6.7
29	17.0	24.6	20.6	71.2	17.150	15.0	0.0	87.3	87.3	2.7
30	16.0	23.6	20.3	79.6	16.565	16.7	0.5	2.1	2.6	2.5
PROM.	17.2	27.0	21.9	60.6	15.466	13.3	42.8	101.0	143.8	182.5

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	16.3	25.0	21.2	63.5	15.609	13.6	0.0	0.0	0.0	4.2
2	17.0	27.0	22.1	67.5	17.441	15.2	0.0	0.0	0.0	4.6
3	17.0	26.4	22.3	67.0	17.235	15.0	0.0	5.9	5.9	5.0
4	14.0	25.4	20.4	78.4	18.252	16.1	2.4	13.0	15.4	6.2
5	15.6	23.6	20.3	86.3	20.348	17.7	0.0	14.8	14.8	3.2
6	16.0	23.6	17.0	52.6	17.505	15.6	5.6	16.7	22.3	1.8
7	16.0	24.0	16.0	62.6	17.727	15.6	13.8	48.0	61.8	2.8
8	15.0	23.0	15.3	79.6	20.515	17.5	1.0	2.3	3.3	1.7
9	16.0	24.0	20.4	79.2	16.555	16.0	0.1	0.0	0.1	2.4
10	17.0	24.0	20.5	76.6	16.103	15.7	0.0	0.0	0.0	3.1
11	16.6	24.0	20.5	75.2	17.605	15.5	0.0	9.4	9.4	6.2
12	16.0	24.0	20.8	77.2	16.724	16.0	0.0	0.0	0.0	5.4
13	16.6	26.0	21.5	68.0	16.730	14.6	0.0	0.0	0.0	4.8
14	17.0	26.0	20.8	77.5	14.661	16.4	13.0	0.0	13.0	5.0
15	16.5	26.0	20.8	74.6	18.022	15.8	15.8	0.0	19.8	4.6
16	16.0	25.0	20.3	86.3	20.364	17.6	0.0	9.5	10.0	4.9
17	15.0	26.0	19.3	50.7	15.045	16.7	0.6	67.0	67.6	1.4
18	16.0	25.0	20.0	77.0	20.421	17.6	12.4	10.4	22.8	1.7
19	15.5	24.0	20.2	59.4	17.590	15.3	0.0	0.0	0.0	6.2
20	16.5	24.4	21.0	70.6	17.660	15.2	0.0	0.0	0.0	7.1
21	16.0	25.3	22.0	55.7	14.651	12.6	0.0	0.0	0.0	7.8
22	17.0	23.6	21.3	71.2	17.650	15.6	0.0	0.0	0.0	6.0
23	16.0	23.0	21.5	69.1	17.553	15.3	0.0	0.0	0.0	4.0
24	18.0	26.1	21.7	65.3	16.556	14.6	0.0	0.0	0.0	4.8
25	17.0	28.6	23.2	60.4	16.313	14.2	0.0	0.0	0.0	10.1
26	17.0	26.0	22.3	59.4	15.705	13.6	0.0	0.0	0.0	1.9
27	18.0	26.0	22.0	68.7	16.064	15.8	0.0	0.0	0.0	6.8
28	17.0	27.0	22.5	66.1	17.155	15.0	0.0	0.0	0.0	6.2
29	17.5	26.0	22.3	71.7	15.326	16.8	0.0	0.0	0.0	5.1
30	17.0	26.0	19.5	62.2	20.702	16.1	2.9	0.0	2.9	5.1
31	16.0	25.6	20.5	61.7	15.569	16.6	0.0	0.0	0.0	7.1
PROM	16.4	24.9	20.8	75.4	18.076	15.7	71.7	197.4	269.1	151.9

ESTACION: LA MONTAÑA

MUNICIPIO: DOLORES

AÑO: 1.980

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	17.0	26.0	20.0	79.9	18.661	16.0	0.3	0.0	0.3	6.0
2	17.0	23.0	19.3	53.6	20.540	17.9	2.1	4.1	6.2	3.4
3	16.5	24.3	20.8	93.5	22.662	19.6	1.4	21.6	23.0	3.4
4	14.0	24.3	20.2	79.4	16.812	16.2	0.0	0.0	0.0	7.5
5	16.3	24.5	20.3	82.4	19.141	16.8	55.7	123.3	179.0	5.7
6	16.0	22.2	17.8	56.2	19.524	17.5	8.7	0.0	8.7	3.4
7	15.0	23.0	16.3	51.9	20.027	17.3	0.0	0.3	0.3	4.6
8	15.0	21.0	16.3	50.0	15.729	17.3	0.4	0.0	0.4	4.4
9	14.0	23.0	15.4	65.1	18.601	16.5	0.0	0.0	0.0	9.1
10	15.6	23.0	20.0	20.0	19.144	16.6	0.0	0.0	0.0	7.6
11	16.6	26.0	20.8	69.7	17.719	15.4	0.0	0.0	0.0	8.2
12	16.5	24.6	20.0	72.5	16.647	14.3	0.0	0.0	0.0	0.5
13	14.6	22.2	20.0	81.5	19.272	16.3	8.3	0.0	8.3	5.1
14	15.5	23.0	20.0	68.5	20.756	18.0	0.0	27.3	27.3	4.7
15	15.5	24.4	16.3	87.2	19.140	16.8	0.7	27.4	28.1	2.9
16	16.0	22.3	16.0	84.2	17.565	15.7	2.0	0.6	2.6	5.7
17	16.0	23.0	19.5	83.2	20.127	17.5	8.2	11.7	19.9	5.1
18	16.0	23.3	19.8	83.2	19.433	17.0	0.8	15.2	16.0	6.1
19	17.0	24.0	16.7	90.7	20.536	18.2	10.0	0.0	10.0	4.3
20	17.0	23.0	20.0	66.2	20.101	17.6	0.0	0.0	0.0	3.4
21	17.0	23.0	16.8	87.1	19.558	17.5	1.4	0.0	1.4	2.6
22	19.0	25.5	19.5	68.7	20.552	17.8	0.3	0.0	0.3	4.1
23	16.0	24.2	19.7	79.2	18.113	15.5	0.6	0.0	0.6	5.4
24	17.0	25.6	20.7	87.2	20.600	16.1	0.3	0.0	0.3	4.7
25	17.0	24.4	20.7	84.3	20.232	17.7	2.1	0.0	2.1	1.7
26	17.0	24.8	20.7	84.9	20.734	18.0	1.3	1.5	2.8	1.0
27	16.5	23.0	15.3	67.1	15.655	17.1	2.7	0.0	2.7	3.1
28	16.0	23.0	20.9	62.7	16.426	16.4	0.0	0.0	0.0	7.4
29	17.0	24.6	20.9	90.1	22.068	15.1	2.1	34.8	36.9	2.3
30	16.6	24.0	19.6	92.8	20.622	18.2	1.0	23.5	24.5	4.4
PROM.	16.1	23.6	19.9	85.0	15.642	17.1	108.4	264.8	372.9	142.0

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	16.0	24.6	20.0	64.0	19.623	17.2	19.8	27.8	47.3	5.8
2	16.3	24.6	20.1	51.0	21.448	18.6	0.2	23.3	23.5	4.2
3	16.0	23.6	20.6	87.0	20.572	18.2	0.0	0.0	0.0	6.9
4	15.6	23.6	19.9	50.6	21.013	16.3	0.2	0.0	0.2	7.5
5	16.0	22.8	19.3	85.8	16.264	16.6	0.0	0.0	0.0	6.6
6	16.0	23.0	19.9	88.4	20.425	17.9	0.0	0.0	0.0	9.2
7	16.6	22.4	20.2	88.9	21.068	18.3	2.1	0.0	2.1	4.4
8	15.0	21.0	16.5	63.2	18.123	15.9	0.0	0.0	0.0	0.0
9	15.0	22.0	17.1	69.7	17.409	15.3	9.1	0.0	9.1	3.4
10	15.0	24.0	19.5	60.5	16.038	15.7	0.0	0.0	0.0	8.8
11	16.0	26.0	20.1	68.5	15.744	13.5	0.0	0.0	0.0	9.6
12	17.0	24.0	16.5	53.7	21.023	18.3	1.9	1.6	3.5	3.9
13	16.0	24.0	16.6	89.6	20.178	17.6	0.5	14.0	14.5	2.1
14	16.0	24.0	16.1	96.6	21.059	18.3	4.6	2.6	7.2	4.5
15	16.4	24.1	19.8	69.0	20.642	18.0	3.6	9.5	13.1	7.7
16	16.6	24.0	15.3	67.7	20.100	17.5	0.1	4.9	5.0	5.0
17	17.0	21.3	18.8	95.5	20.741	16.1	12.3	0.4	12.7	0.7
18	16.8	24.6	20.8	84.5	20.460	17.5	0.0	29.1	29.1	8.5
19	17.2	25.2	19.7	84.0	19.458	17.0	2.1	36.1	38.2	6.4
20	16.6	24.4	16.5	66.5	19.753	17.3	11.3	0.6	11.9	5.1
21	15.6	23.3	16.5	68.0	20.013	17.5	0.0	0.0	0.0	4.0
22	15.6	22.6	19.3	87.5	15.160	16.8	0.0	0.0	0.0	3.0
23	15.4	22.6	15.0	87.7	15.255	16.6	0.0	1.1	1.1	4.2
24	15.4	23.0	20.3	78.2	18.234	16.2	0.0	0.0	0.0	5.1
25	16.8	23.0	20.1	84.4	15.673	17.2	0.0	51.2	51.2	6.4
26	15.0	24.0	18.3	62.7	15.463	17.1	5.6	6.4	12.0	3.2
27	15.6	24.0	15.7	66.7	15.447	17.0	0.0	44.7	44.7	5.6
28	15.4	22.4	16.9	66.0	16.522	16.7	0.0	82.6	82.6	5.4
29	15.5	22.0	18.5	90.0	19.008	16.6	0.0	22.0	22.0	3.1
30	15.5	23.0	17.1	97.5	19.156	16.8	1.5	58.3	59.8	0.5
31	15.0	20.0	17.8	56.7	15.262	17.1	4.0	5.9	9.9	3.7
PROM.	15.9	23.2	19.4	87.5	15.649	17.1	78.6	422.1	500.7	154.5

ESTACION: LA MONTARA

MUNICIPIO OCHOLOS

AÑO: 1980

ALTITUD: 1.260

LATITUD: 3-33 N.

LONGITUD: 74-54 W.

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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	17.4	26.5	21.7	15.6	29.3	74.3	18.821	16.4	126.1	10	189.6
FEBRERO	17.0	26.6	21.6	15.0	29.3	75.8	18.824	16.4	114.1	13	176.6
MARZO	18.5	27.7	22.6	16.0	30.5	64.9	17.377	15.2	14.2	6	188.1
ABRIL	17.1	26.5	21.7	15.0	30.3	73.3	18.624	16.2	153.3	21	155.0
MAYO	16.7	25.5	21.3	15.0	29.3	65.7	17.315	15.1	114.2	19	196.5
JUNIO	17.0	25.4	21.1	15.0	29.6	65.6	16.002	13.9	65.1	16	190.3
JULIO	17.4	26.6	21.4	15.3	28.8	58.9	14.876	12.8	10.9	10	208.1
AGOSTO	16.7	27.0	21.5	13.6	29.6	56.0	14.144	11.9	11.2	9	183.1
SEPTIEMBRE	17.2	27.0	21.9	15.0	30.6	60.6	15.488	13.3	143.8	14	183.5
OCTUBRE	16.4	24.5	20.8	14.0	28.6	75.4	18.076	15.7	269.1	14	151.9
NOVIEMBRE	16.1	23.8	19.9	14.0	27.0	85.0	19.642	17.1	372.9	23	142.0
DICIEMBRE	15.9	23.2	19.4	15.0	26.0	87.9	19.649	17.1	500.7	22	154.5
PROMEDIO	17.0	25.9	21.2	14.9	29.1	70.5	17.403	15.1			
TOTAL									1695.6	181	2115.2

ESTACION: SUBESTACION ALBAN
 ALTITUD: 1.400

MUNICIPIO: EL CAIRO
 LATITUD: 4-46 N.

AÑO: 1.980
 LONGITUD: 76-13 W.

M E S - ENEFO

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	24.5	19.9	75.1	17.304	15.2	0.0	0.8	0.8	2.2
2	15.0	24.5	19.0	62.2	17.256	15.7	2.6	0.0	2.6	2.6
3	16.0	25.7	20.3	79.0	16.479	16.1	0.0	0.0	0.0	3.1
4	16.0	26.4	20.3	76.8	17.506	15.6	0.0	0.0	0.0	3.0
5	16.7	25.5	21.0	74.8	16.377	16.2	0.0	0.0	0.0	4.0
6	16.6	25.3	21.9	65.6	16.617	14.6	0.0	0.0	0.0	7.6
7	18.0	29.2	22.7	68.7	18.709	16.4	0.0	0.0	0.0	1.3
8	15.9	26.8	21.4	70.8	17.554	15.5	0.0	0.0	0.0	6.2
9	16.4	26.4	21.3	69.0	17.165	15.1	0.0	0.0	0.0	5.4
10	16.1	26.8	21.3	71.2	17.493	15.4	0.0	0.0	0.0	5.8
11	16.5	24.5	15.8	78.1	17.558	15.8	0.0	1.9	1.9	0.7
12	16.4	24.4	15.8	75.6	17.265	15.2	3.5	0.0	3.5	2.2
13	14.6	25.6	15.3	75.0	16.613	14.5	0.0	0.0	0.0	4.2
14	15.3	25.8	20.0	73.2	16.635	14.8	0.0	24.6	24.6	6.0
15	15.6	24.8	19.2	76.5	16.768	14.7	0.3	1.3	1.6	1.2
16	14.8	24.3	18.9	68.5	14.656	12.6	0.0	0.0	0.0	4.1
17	14.6	24.6	16.5	72.8	15.156	13.2	0.0	0.0	0.0	1.4
18	15.9	24.4	15.1	74.7	16.425	14.4	0.1	0.0	0.1	1.0
19	15.8	24.9	18.9	62.0	17.648	15.5	27.3	0.0	27.3	3.1
20	15.8	25.0	20.3	78.6	16.405	16.2	0.0	0.0	0.0	4.6
21	16.0	26.6	20.1	76.0	17.571	15.5	0.0	0.0	0.0	1.5
22	13.6	22.2	20.4	73.6	17.126	15.1	0.0	0.0	0.0	5.8
23	15.6	26.4	20.4	80.3	16.630	16.5	0.0	0.0	0.0	4.4
24	16.6	26.6	20.5	76.6	16.308	16.1	0.0	0.9	0.9	4.1
25	17.1	24.6	21.3	73.3	16.413	16.2	0.0	0.0	0.0	5.6
26	16.3	24.9	21.7	69.0	17.367	15.3	0.0	0.0	0.0	6.4
27	15.3	22.9	21.0	71.0	17.162	15.1	0.0	6.9	6.9	6.5
28	17.5	22.3	20.6	61.4	15.656	17.3	11.2	0.0	11.2	1.5
29	16.1	26.3	20.8	77.0	16.674	16.4	6.2	1.3	7.5	3.6
30	17.4	24.5	16.7	68.6	15.256	16.9	11.2	0.0	11.2	0.4
31	14.8	24.8	19.3	76.5	16.631	14.8	0.0	3.5	3.5	1.5
PROM.	16.0	26.0	20.2	75.2	17.573	15.4	62.4	41.6	104.0	613.0

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	16.0	23.7	15.7	75.4	16.556	14.9	0.3	0.0	0.3	0.7
2	16.4	25.2	20.5	71.1	16.954	14.9	0.0	0.0	0.0	0.3
3	17.0	22.4	18.2	80.2	16.635	14.6	5.4	0.6	10.0	0.4
4	16.9	23.8	19.1	83.3	16.467	16.2	5.3	4.1	9.4	1.0
5	16.6	24.6	20.0	76.5	17.726	15.6	0.0	0.0	0.0	1.7
6	16.0	25.6	20.0	71.2	16.413	14.3	0.0	0.0	0.0	1.9
7	15.0	26.5	20.8	71.5	16.567	14.9	0.0	0.0	0.0	5.3
8	16.5	25.4	20.3	61.3	15.287	16.5	0.0	0.0	0.0	2.4
9	15.8	26.2	20.7	79.2	16.564	16.7	0.0	0.0	0.0	4.2
10	15.9	25.8	21.0	62.0	15.513	17.3	0.0	0.0	0.0	5.7
11	17.2	26.5	20.8	81.1	15.525	17.5	0.0	0.0	0.0	4.8
12	15.4	25.6	20.4	78.0	16.531	16.3	0.0	0.0	0.0	5.3
13	15.2	26.6	20.7	76.4	16.401	16.2	0.0	0.0	0.0	5.9
14	16.6	25.9	21.0	78.1	15.652	16.8	0.0	0.0	0.0	4.8
15	16.2	24.5	19.8	82.6	15.150	16.8	0.0	0.0	0.0	4.6
16	15.9	24.5	19.3	84.3	16.666	16.6	0.0	0.0	0.0	3.5
17	15.8	24.4	20.0	85.9	16.779	17.3	0.0	0.0	0.0	1.0
18	15.0	25.8	20.1	61.0	18.577	16.3	0.0	1.9	1.9	5.2
19	16.6	24.8	20.1	84.2	15.605	17.3	4.7	1.8	6.5	1.5
20	16.4	25.7	15.8	67.5	20.267	17.7	0.0	4.6	4.6	4.3
21	16.6	22.3	15.2	89.4	16.657	17.2	0.3	9.2	9.5	0.5
22	16.4	22.8	15.2	84.5	16.616	16.4	0.5	1.0	1.5	1.3
23	14.0	23.4	20.7	79.4	15.007	16.7	0.0	0.0	0.0	5.8
24	15.2	25.6	20.7	61.5	15.766	17.3	0.0	0.1	0.1	4.2
25	16.7	24.3	20.0	66.0	20.177	17.6	0.4	0.0	0.4	0.4
26	15.2	23.7	15.2	64.4	16.355	16.2	1.0	0.0	1.0	2.4
27	13.8	27.9	21.0	75.5	16.025	15.8	0.0	0.0	0.0	5.7
28	14.4	24.6	21.0	61.2	16.577	16.3	0.0	0.0	0.0	2.6
29	16.1	23.8	15.1	86.2	16.771	16.5	0.3	0.0	0.3	1.9
PROM.	15.9	25.0	20.0	60.7	16.666	16.4	22.2	23.3	45.5	65.5

ESTACION: SUBESTACION ALBAN

MUNICIPIO: EL CAIRO

AÑO: 1.980

ALTITUD: 1.400

LATITUD: 4-46 N.

LONGITUD: 76-13 W.

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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	26.6	20.7	79.0	16.660	16.4	0.0	0.0	0.0	6.7
2	16.0	24.9	20.7	77.5	16.366	16.2	0.0	1.4	1.4	6.5
3	15.6	25.9	19.7	81.0	16.763	16.5	0.0	0.0	0.0	3.5
4	14.8	25.8	19.2	86.5	19.146	16.6	0.0	2.7	2.7	3.8
5	15.8	21.9	19.0	83.2	16.241	16.0	0.0	0.0	0.0	2.0
6	14.0	24.5	20.0	74.5	16.554	15.0	0.0	0.0	0.0	6.0
7	14.3	26.0	19.9	79.6	18.147	15.9	0.0	0.0	0.0	6.7
8	14.2	24.4	20.2	86.6	20.369	17.2	0.0	0.0	0.0	6.0
9	16.9	26.9	20.9	84.3	20.619	17.9	0.0	0.0	0.0	6.3
10	16.1	25.4	20.2	85.7	20.243	17.7	0.1	0.6	0.7	6.7
11	16.5	24.8	20.3	87.9	20.728	18.0	0.0	0.0	0.0	7.1
12	15.7	24.7	20.5	81.0	19.364	17.0	0.0	0.0	0.0	7.0
13	16.1	26.3	21.2	82.5	20.565	16.0	0.0	0.0	0.0	5.4
14	16.8	23.2	20.4	85.2	20.281	17.7	0.0	0.0	0.0	0.0
15	15.0	23.4	20.8	79.7	15.206	16.9	0.0	0.0	0.0	2.9
16	15.5	26.0	21.3	77.9	19.463	17.1	0.0	0.0	0.0	5.4
17	15.2	25.3	20.8	84.8	20.744	18.1	0.0	0.0	0.0	3.1
18	16.3	22.9	18.6	55.3	20.163	17.6	23.3	0.4	23.7	1.5
19	15.2	23.9	19.4	83.5	18.610	16.3	0.2	0.0	0.2	3.2
20	15.6	28.6	21.5	75.9	18.537	16.0	0.0	0.0	0.0	8.0
21	16.2	27.9	20.7	80.2	15.173	16.2	0.4	0.0	0.4	6.2
22	16.5	25.9	20.7	84.1	20.615	15.0	1.9	0.0	1.9	3.1
23	16.1	28.9	22.1	60.3	20.765	18.0	0.2	0.0	0.2	6.4
24	17.4	33.0	22.4	75.6	16.626	16.9	0.0	0.7	0.7	8.0
25	17.7	27.2	21.6	62.7	21.069	18.3	0.1	0.0	0.1	3.8
26	16.9	27.5	21.2	85.2	21.056	18.3	0.3	0.0	0.3	7.4
27	16.6	26.2	21.7	79.5	20.069	17.5	0.0	0.0	0.0	8.8
28	16.4	25.5	21.2	85.0	21.153	18.3	0.0	0.0	0.0	7.8
29	15.8	28.1	21.8	79.9	20.239	17.6	0.0	0.0	0.0	6.7
30	16.2	26.5	20.7	82.7	19.838	17.2	0.7	0.2	0.9	2.3
31	15.2	27.2	21.2	80.5	19.507	17.4	0.0	0.0	0.0	7.6
PROM.	15.9	25.9	20.7	82.2	19.706	17.2	27.2	6.3	33.5	167.9

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	23.3	20.9	79.5	15.631	17.2	0.0	0.0	0.0	6.1
2	17.1	23.8	19.6	83.5	19.324	17.0	0.6	5.1	5.7	4.5
3	16.2	26.9	20.8	81.0	19.439	17.0	0.0	0.0	0.0	4.6
4	15.3	25.5	20.7	79.7	15.115	16.8	0.0	0.5	0.5	5.2
5	16.2	25.6	21.2	84.4	21.057	18.3	0.0	0.0	0.0	6.3
6	16.5	26.3	20.6	78.5	18.573	16.6	0.0	0.0	0.0	3.8
7	16.2	25.4	20.6	76.6	17.550	15.7	0.0	0.0	0.0	2.8
8	15.3	25.6	20.1	77.9	18.059	15.9	0.0	0.0	0.0	3.1
9	13.5	25.6	20.2	73.3	16.532	14.5	0.0	0.0	0.0	9.6
10	13.2	25.6	19.8	79.0	17.702	15.6	0.0	0.0	0.0	6.4
11	12.8	25.3	20.1	75.4	17.214	15.1	0.0	0.0	0.0	6.4
12	11.8	28.4	20.1	72.4	15.516	13.8	0.0	0.0	0.0	9.7
13	12.5	28.8	20.2	75.4	17.455	15.3	0.0	0.1	0.1	8.2
14	14.2	23.7	19.7	85.7	15.337	17.0	0.3	18.9	19.2	2.6
15	15.3	29.0	21.9	78.7	19.756	17.1	0.0	0.0	0.0	8.8
16	15.7	27.2	21.3	83.4	20.810	18.1	0.0	0.0	0.0	6.9
17	16.1	27.3	21.9	82.0	21.561	18.7	0.0	0.0	0.0	7.3
18	17.4	28.8	22.4	77.4	20.322	17.6	0.0	0.0	0.0	5.2
19	17.6	29.8	22.7	75.7	19.262	16.9	0.0	0.0	0.0	6.0
20	16.6	28.8	22.9	77.9	21.040	18.2	0.0	0.0	0.0	6.0
21	17.1	26.3	20.6	87.1	21.205	18.5	0.0	0.0	0.0	6.7
22	17.0	27.0	20.5	85.6	20.527	17.9	1.1	0.7	1.8	4.5
23	17.2	26.0	20.9	85.2	20.575	18.3	0.0	6.8	6.8	5.0
24	16.5	23.8	20.0	86.1	15.554	17.5	14.2	0.0	14.2	0.7
25	15.2	26.4	20.0	85.2	19.595	17.1	4.9	3.4	8.3	5.2
26	16.2	22.4	18.5	81.6	15.552	17.1	7.0	0.0	7.0	1.0
27	14.0	28.4	21.9	78.4	15.772	17.2	0.0	0.0	0.0	5.2
28	16.2	25.6	20.7	85.9	21.037	18.3	0.6	4.8	5.4	2.4
29	15.9	26.8	20.5	83.8	19.668	17.4	0.0	0.0	0.0	7.7
30	17.0	25.9	21.1	83.8	20.656	18.0	0.0	7.6	7.6	5.2
PROM.	15.6	26.5	20.7	81.0	15.478	17.0	38.3	48.6	86.9	167.1

ESTACION: SUEESTACION ALBAN
 ALTITUD: 1.4CC

MUNICIPIO: EL CAIRO
 LATITUD: 4-46 N.

AÑO: 1-980
 LONGITUD: 76-13 W.

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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	16.1	23.7	19.5	86.5	19.679	17.2	5.8	4.0	9.8	2.0
2	13.9	24.9	19.6	83.9	18.682	16.6	0.0	0.0	0.0	6.4
3	15.5	26.4	20.9	80.5	19.425	17.0	0.0	0.0	0.0	4.6
4	14.4	29.8	22.2	77.2	19.551	16.5	0.0	0.0	0.0	8.7
5	16.1	26.6	20.8	83.9	20.463	17.9	0.0	0.0	0.0	4.1
6	16.5	25.2	20.6	86.0	20.655	16.2	4.0	0.0	4.0	3.0
7	16.4	26.4	19.7	91.0	20.609	18.0	2.0	0.4	2.4	5.6
8	16.7	24.7	19.2	85.6	18.652	16.5	2.4	0.0	2.4	2.3
9	15.8	25.7	20.4	85.2	20.265	17.7	0.0	4.8	4.8	5.5
10	14.3	25.2	19.8	86.1	19.739	17.3	1.5	0.0	1.5	8.7
11	15.8	27.4	21.8	60.1	20.317	17.7	0.0	0.0	0.0	8.4
12	17.5	26.6	21.6	82.2	21.301	18.5	0.0	0.0	0.0	6.6
13	17.2	23.4	20.0	78.3	15.571	16.3	0.0	0.0	0.0	0.0
14	14.8	21.8	19.3	89.7	19.691	17.4	1.3	3.6	4.9	2.0
15	15.9	23.6	16.4	88.9	18.957	16.7	6.4	0.0	6.4	1.6
16	14.3	26.6	21.3	84.5	20.522	16.1	0.0	0.0	0.0	8.2
17	17.9	23.6	19.8	89.4	20.722	18.0	2.5	0.0	2.5	3.2
18	16.0	25.6	20.1	66.7	20.329	17.7	17.1	0.3	17.4	3.4
19	16.4	24.9	20.4	85.6	20.404	17.8	0.0	0.0	0.0	8.4
20	15.7	27.4	21.0	83.6	20.437	17.8	0.0	0.0	0.0	8.0
21	17.3	24.4	20.8	86.1	20.472	17.9	0.0	0.0	0.0	0.3
22	17.7	24.8	20.6	84.5	20.266	17.8	0.0	0.0	0.0	6.0
23	16.2	25.2	20.4	82.2	19.453	17.0	0.0	0.4	0.4	5.7
24	16.8	25.6	20.6	83.1	19.551	17.5	0.0	0.0	0.0	4.7
25	16.3	25.4	19.5	95.6	21.456	18.6	23.0	0.5	23.5	3.6
26	17.2	27.4	20.6	85.5	20.617	18.1	3.3	2.0	5.3	2.6
27	15.3	28.8	21.0	79.0	18.750	16.4	0.0	0.0	0.0	8.2
28	15.7	25.7	20.5	86.5	20.706	18.0	0.0	0.0	0.0	6.4
29	15.1	25.6	20.0	85.6	19.665	17.4	0.5	0.8	1.3	7.0
30	15.8	25.5	20.5	83.2	19.727	17.3	0.1	3.5	3.6	5.1
31	16.5	24.2	19.7	66.7	19.667	17.2	0.5	0.0	0.5	4.6
PROM.	16.0	25.7	20.3	84.9	20.051	17.5	70.4	20.3	90.7	157.1

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	15.1	20.6	18.0	94.1	15.450	17.1	3.9	0.6	4.5	0.0
2	15.1	22.9	18.0	94.8	15.474	17.1	0.8	0.0	0.8	2.0
3	14.6	26.2	20.1	84.0	19.474	17.1	0.0	0.0	0.0	7.3
4	14.6	26.1	20.2	78.3	18.152	16.0	1.1	0.0	1.1	7.8
5	15.6	23.9	20.4	79.0	18.518	16.3	0.1	0.0	0.1	4.3
6	16.6	27.0	21.1	76.6	18.969	16.7	0.0	0.0	0.0	7.2
7	16.7	28.4	21.8	73.9	18.513	16.1	0.0	0.0	0.0	6.8
8	16.4	28.2	22.6	73.9	19.307	16.8	0.0	0.0	0.0	5.6
9	17.2	25.3	20.5	80.2	19.164	16.8	0.2	4.0	4.2	3.2
10	16.6	23.6	19.4	86.1	19.274	16.9	2.2	1.6	3.8	2.1
11	15.8	24.7	19.4	80.3	17.575	15.8	34.0	0.0	34.0	4.4
12	15.6	23.5	19.3	82.3	18.128	15.9	3.3	21.1	24.4	1.7
13	15.2	24.5	20.0	79.2	18.028	15.9	0.0	0.0	0.0	2.0
14	13.6	29.9	21.4	59.5	13.524	11.7	0.0	0.0	0.0	9.7
15	13.6	28.4	21.0	79.6	15.185	16.8	0.0	0.0	0.0	9.4
16	14.6	27.4	20.7	77.2	18.353	16.1	0.0	0.0	0.0	8.0
17	14.7	26.3	21.0	79.0	19.032	16.7	0.0	11.0	11.0	7.6
18	15.8	25.8	20.2	81.6	18.552	16.7	24.2	1.8	26.0	5.4
19	16.5	24.0	20.0	61.2	18.888	16.6	0.1	0.0	0.1	1.5
20	16.7	22.3	18.9	85.4	18.156	16.2	1.3	0.0	1.3	0.3
21	14.5	28.8	21.0	71.2	16.557	14.3	0.0	0.0	0.0	8.0
22	16.9	27.3	20.8	75.7	18.237	16.0	0.0	0.0	0.0	4.1
23	15.8	26.8	20.6	78.9	18.604	16.5	0.0	0.0	0.0	8.0
24	16.4	27.3	21.5	78.2	19.708	17.2	0.0	0.2	0.2	8.1
25	16.5	26.5	21.0	81.1	20.058	17.5	0.0	0.0	0.0	2.9
26	17.0	26.3	21.5	74.2	18.452	16.2	0.0	0.0	0.0	1.9
27	15.5	29.9	22.6	68.4	17.456	15.0	0.0	0.0	0.0	9.2
28	14.1	29.4	22.1	62.5	15.212	13.1	8.0	0.0	8.0	8.8
29	15.6	27.4	21.0	69.4	16.772	14.7	0.0	0.1	0.1	8.2
30	17.0	25.4	19.8	66.5	19.658	17.4	1.9	9.1	11.0	5.5
PROM.	15.7	26.2	20.5	78.4	18.416	16.1	73.1	49.5	122.6	161.0

ESTACION: SUBESTACION ALBAN
 ALTITUD: 1.400

MUNICIPIO: EL CAIRO
 LATITUD: 4-46 N.

AÑO: 1.980
 LONGITUD: 76-13 W.

M E S - J U L I O

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	24.3	19.3	81.7	17.505	15.7	0.0	0.0	0.0	6.2
2	14.5	24.1	19.7	78.6	17.770	15.6	0.3	0.0	0.3	5.6
3	15.2	26.7	21.0	71.3	16.451	14.0	0.0	0.0	0.0	9.7
4	14.6	27.5	20.9	78.3	18.614	16.3	0.0	0.0	0.0	8.6
5	14.4	27.3	21.3	72.0	16.774	14.5	0.0	0.0	0.0	9.5
6	13.7	28.3	21.1	69.7	16.500	14.4	0.0	0.0	0.0	2.3
7	13.5	25.3	20.8	76.1	16.353	16.1	0.0	0.0	0.0	5.5
8	16.3	26.9	21.0	78.1	16.572	16.6	0.0	0.0	0.0	7.4
9	15.7	25.6	20.1	76.9	17.551	15.5	0.0	3.2	3.2	7.4
10	16.2	24.9	19.2	79.5	17.532	15.4	16.1	0.0	10.1	2.9
11	15.4	25.3	20.0	79.0	18.141	16.0	2.5	0.0	2.5	6.5
12	14.2	25.5	20.4	77.6	16.064	15.9	0.0	0.0	0.0	7.9
13	16.8	24.3	20.8	76.6	16.558	16.3	0.0	0.0	0.0	7.8
14	16.0	23.6	19.9	81.4	18.564	16.4	0.0	0.0	0.0	8.0
15	15.4	25.6	20.4	79.4	18.666	16.6	0.0	0.0	0.0	4.9
16	13.2	28.5	20.2	71.7	15.638	13.6	0.0	0.0	0.0	8.4
17	15.6	28.6	21.9	68.3	16.756	14.4	0.0	0.0	0.0	7.6
18	15.0	28.8	21.4	69.4	16.614	14.6	0.0	0.0	0.0	7.2
19	14.3	27.5	21.1	74.4	17.840	15.6	0.0	0.0	0.0	6.9
20	15.8	25.3	19.5	89.2	19.545	17.4	10.7	0.0	10.7	2.3
21	16.0	25.0	20.1	81.4	18.785	16.5	0.0	0.0	0.0	4.3
22	15.8	24.3	20.0	79.0	18.137	15.9	0.5	0.5	1.0	7.9
23	15.7	24.3	19.5	78.7	17.660	15.5	0.0	0.3	0.3	5.7
24	15.6	26.3	20.2	74.3	17.052	14.9	0.1	0.0	0.1	4.0
25	14.2	26.3	19.0	82.4	17.533	15.6	24.6	0.0	24.6	4.5
26	14.2	23.6	19.3	75.3	16.326	14.3	0.0	0.9	0.9	5.8
27	16.1	23.6	19.3	75.3	16.326	14.3	0.2	0.0	0.2	4.8
28	15.2	25.4	19.2	66.6	19.062	16.7	3.3	0.0	10.3	6.1
29	13.2	28.8	20.0	79.4	17.506	15.7	0.0	0.0	0.0	8.9
30	16.2	28.0	21.9	72.4	18.146	15.9	0.0	0.0	0.0	8.5
31	15.7	27.3	21.0	75.8	18.321	16.1	0.0	0.0	0.0	4.5
PROM.	15.1	26.3	20.3	77.4	17.650	15.6	52.4	11.9	64.3	197.6

M E S - A G O S T O

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	26.4	20.1	83.8	18.705	16.5	0.0	0.0	0.0	6.7
2	15.2	27.6	20.4	79.5	18.755	16.5	0.0	0.0	0.0	8.2
3	16.0	27.7	20.2	77.3	19.023	16.7	1.1	0.0	1.1	4.5
4	16.2	27.6	20.3	72.3	16.763	14.6	0.9	0.3	1.2	2.3
5	15.0	23.6	20.3	76.0	17.542	15.4	0.0	0.0	0.0	7.2
6	16.0	24.1	19.6	83.9	18.676	16.6	4.1	0.0	4.1	4.7
7	15.4	23.6	18.9	82.3	17.637	15.7	4.4	0.0	4.4	0.4
8	15.4	23.5	19.3	77.6	17.252	15.2	11.0	0.0	11.0	1.9
9	14.2	25.6	20.1	76.5	17.314	15.2	0.0	0.0	0.0	9.0
10	15.6	23.9	21.5	69.4	16.578	14.2	0.0	0.1	0.1	4.8
11	13.7	26.9	21.8	69.0	16.356	13.8	0.0	0.0	0.0	9.0
12	14.8	27.6	21.5	70.0	16.578	14.7	0.0	0.0	0.0	5.5
13	14.3	27.3	20.9	75.8	18.051	15.5	0.0	0.0	0.0	8.5
14	15.9	26.9	21.5	70.3	17.143	15.0	0.0	0.9	0.9	3.4
15	16.7	26.4	20.9	77.3	18.570	16.3	0.0	0.0	0.0	6.4
16	15.8	23.2	19.7	74.4	16.508	14.8	0.1	0.0	0.1	4.7
17	12.7	26.7	20.1	75.4	17.060	14.9	0.0	0.0	0.0	7.6
18	15.5	26.9	20.5	73.7	17.155	15.0	0.0	0.9	0.9	4.2
19	16.1	23.8	19.4	82.6	16.463	16.2	0.0	0.0	0.0	4.3
20	15.3	24.6	18.2	81.2	17.133	15.1	31.3	0.0	31.3	4.9
21	13.8	25.5	19.0	78.4	16.744	14.7	0.0	0.0	0.0	7.8
22	13.6	26.0	19.9	76.5	17.415	15.3	0.0	0.3	0.3	7.3
23	15.7	29.9	22.3	64.5	16.120	13.8	0.0	0.0	0.0	5.4
24	12.4	30.3	21.4	66.0	14.514	12.3	0.0	0.0	0.0	5.7
25	14.5	25.4	21.8	67.4	16.405	14.1	0.0	0.0	0.0	9.8
26	15.4	28.7	21.3	73.2	17.253	15.7	0.0	0.1	0.1	6.4
27	15.4	29.7	21.8	67.1	16.054	13.4	0.0	0.0	0.0	9.2
28	13.4	27.3	19.8	72.0	15.507	13.7	0.0	0.0	0.0	5.7
29	16.7	24.5	19.7	62.0	16.728	16.4	2.1	4.2	6.3	2.1
30	14.3	27.6	19.9	76.5	17.011	14.9	0.0	2.0	2.0	5.2
31	15.0	24.6	19.5	78.5	17.326	15.2	0.0	1.7	1.7	7.3
PROM	15.0	26.7	20.4	75.1	17.327	15.1	55.9	14.7	70.6	196.6

ESTACION: SUBESTACION ALBAN
 ALTITUD: 1.400

MUNICIPIO: EL CAIRO
 LATITUD: 4-46 N.

AÑO: 1.980
 LONGITUD: 76-13 W.

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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	15.9	25.4	19.3	72.4	16.270	14.2	18.1	3.8	21.9	8.0
2	14.2	24.3	18.4	64.2	17.745	15.6	9.9	0.0	9.9	5.8
3	14.4	24.3	20.2	73.1	16.500	14.4	0.0	0.0	0.0	8.1
4	15.6	25.9	20.9	78.1	18.568	16.6	0.0	11.1	11.1	7.6
5	16.3	25.9	21.3	72.0	17.575	15.4	0.0	0.0	0.0	4.5
6	14.7	25.6	20.8	77.7	18.446	16.2	0.0	0.0	0.0	8.9
7	17.3	26.4	21.2	77.1	19.206	16.5	0.0	0.0	0.0	6.2
8	17.3	26.2	21.1	78.4	19.294	16.5	0.0	0.0	0.0	6.4
9	17.3	26.6	21.4	77.2	19.243	16.8	0.0	0.0	0.0	5.3
10	16.3	25.6	21.1	72.2	17.554	15.4	0.0	0.0	0.0	6.0
11	14.7	27.9	20.9	75.6	17.518	15.7	0.0	0.0	0.0	6.9
12	16.6	26.9	21.0	78.4	15.126	16.7	2.5	0.0	2.5	4.0
13	16.6	27.8	21.0	75.2	18.223	16.3	0.0	0.0	0.0	7.0
14	14.7	22.6	19.8	78.5	17.868	15.7	0.5	0.0	0.5	0.0
15	16.7	21.9	17.9	79.4	16.466	14.4	1.0	0.0	1.0	0.0
16	14.5	25.8	20.1	74.5	16.655	14.7	0.0	0.0	0.0	4.3
17	15.4	26.5	20.0	78.7	18.206	16.0	0.5	0.0	0.5	7.2
18	14.7	25.2	19.0	66.3	18.513	16.6	6.4	9.2	17.6	2.6
19	13.6	25.3	19.4	79.5	17.497	15.4	19.2	7.8	27.0	4.1
20	14.7	23.1	19.1	79.8	17.154	15.1	0.2	0.5	0.7	5.9
21	16.6	23.1	18.6	74.6	15.541	14.0	1.8	0.0	1.8	0.0
22	13.9	25.8	19.2	60.4	17.519	15.4	0.2	0.0	0.2	4.7
23	15.6	25.7	20.1	79.2	18.216	16.0	0.0	0.0	0.0	4.8
24	15.7	26.0	21.1	76.1	16.458	16.2	0.0	0.0	0.0	7.1
25	14.7	25.5	20.1	79.7	18.355	16.1	0.1	3.4	3.5	6.6
26	16.4	25.5	19.7	79.7	17.963	15.8	0.0	0.4	0.4	0.1
27	15.7	25.7	20.1	78.5	18.140	16.0	0.0	0.0	0.0	6.3
28	16.4	26.0	20.6	77.3	16.345	16.1	0.0	4.1	4.1	6.1
29	16.6	23.8	20.2	79.0	18.527	16.3	0.0	9.8	9.8	0.0
30	16.1	25.3	19.7	79.6	17.857	15.7	1.6	0.8	2.4	4.0
PROM.	15.6	25.7	20.1	77.8	17.567	15.8	64.3	51.5	115.8	150.6

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	15.9	23.5	19.3	83.1	18.389	16.2	0.0	0.0	0.0	1.7
2	16.4	25.4	20.5	78.8	18.625	16.4	0.0	0.0	0.0	5.0
3	16.4	25.2	20.5	77.3	18.327	16.1	0.4	17.6	18.0	4.9
4	14.8	26.1	19.5	79.0	17.486	15.3	0.0	0.5	0.5	2.5
5	15.7	26.4	20.0	75.0	17.048	15.0	0.0	5.3	5.3	2.5
6	15.9	24.5	18.4	61.3	17.463	15.3	5.1	0.0	5.1	0.4
7	14.3	24.1	17.7	65.2	17.222	15.1	8.2	0.0	8.2	1.0
8	14.0	24.4	19.2	60.6	17.454	15.4	4.1	1.2	5.3	0.9
9	16.5	24.2	19.8	79.0	18.141	16.0	0.0	5.9	5.9	4.3
10	16.0	24.3	18.7	66.4	18.154	16.2	0.9	0.0	0.9	0.2
11	13.5	23.0	18.9	80.4	16.565	14.8	1.7	0.0	1.7	3.7
12	17.0	25.0	20.1	82.6	19.218	16.9	0.0	0.0	0.0	6.5
13	16.3	25.1	19.5	84.3	18.525	16.7	1.0	0.0	1.0	5.4
14	16.7	25.5	20.3	79.7	18.642	16.5	2.3	7.6	9.9	6.5
15	16.4	24.4	20.0	84.0	15.428	17.0	7.5	2.6	10.3	2.8
16	16.0	25.0	19.5	78.5	17.566	15.5	0.5	0.3	0.8	4.2
17	15.9	23.8	18.7	85.2	16.367	16.1	11.1	0.0	11.1	0.5
18	15.7	22.6	18.7	87.2	16.610	16.5	2.2	2.7	4.9	0.2
19	15.3	24.4	19.9	81.8	16.753	16.5	0.0	0.0	0.0	7.2
20	14.7	20.4	16.3	96.0	18.128	16.0	13.8	0.0	13.8	0.7
21	12.5	26.3	19.0	61.4	17.430	15.2	0.7	0.0	0.7	6.8
22	16.3	24.8	19.5	84.2	19.003	16.7	0.0	0.0	0.0	7.0
23	17.0	25.7	20.0	81.0	19.018	16.7	0.0	0.0	0.0	1.6
24	16.2	24.8	20.1	82.7	19.214	16.8	0.0	0.0	0.0	5.3
25	15.6	25.5	19.8	84.2	19.203	16.8	0.0	1.0	1.0	4.3
26	16.9	24.6	20.0	80.0	21.047	18.3	0.7	3.5	4.2	3.4
27	16.0	24.0	19.9	81.4	18.522	16.6	5.5	0.0	5.5	6.9
28	15.0	26.4	20.5	78.6	18.754	16.5	0.0	4.6	4.6	2.9
29	16.4	20.5	18.2	69.2	16.662	16.4	5.2	0.0	5.2	0.0
30	13.0	25.7	19.2	78.1	16.531	14.3	2.0	3.1	5.1	6.9
31	16.2	25.0	19.9	82.6	19.069	16.7	2.4	0.0	2.4	3.7
PROM.	15.6	24.6	19.4	82.6	18.414	16.1	75.3	56.1	131.4	110.3

ESTACION: SUBESTACION ALBAN
 ALTITUD: 1.400

MUNICIPIO: EL CAIRO
 LATITUD: 4-46 N.

AÑO: 1.980
 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	15.5	25.3	19.8	81.8	16.583	16.3	0.2	4.2	4.4	4.6
2	16.0	25.6	20.0	82.6	16.325	16.9	0.0	0.7	0.7	1.0
3	16.3	24.7	19.1	89.1	16.525	17.4	1.9	2.6	4.5	2.3
4	15.9	23.9	19.1	86.2	16.660	16.6	8.0	1.4	9.4	1.6
5	15.9	21.8	17.7	84.7	17.265	15.2	0.0	0.0	0.0	0.0
6	14.2	24.1	19.7	76.1	16.662	14.6	0.0	0.0	0.0	2.0
7	14.5	25.4	18.5	89.0	19.167	16.8	8.8	0.0	8.8	2.5
8	15.2	25.5	19.4	75.5	16.544	14.5	0.2	0.0	0.2	6.8
9	11.6	23.5	18.0	79.7	16.021	14.0	1.0	0.0	1.0	5.1
10	15.3	24.4	19.5	80.6	16.065	15.9	0.0	6.6	6.6	5.4
11	15.0	25.2	19.9	79.2	18.311	16.1	0.0	0.0	0.0	2.5
12	15.8	21.5	19.3	82.2	16.163	16.0	0.0	0.1	0.1	1.2
13	14.9	24.1	19.3	79.5	17.708	15.6	4.1	2.6	6.7	4.2
14	16.0	24.7	19.6	79.0	17.641	15.7	3.0	29.2	32.2	2.6
15	15.6	24.0	18.8	82.3	17.618	15.7	0.0	13.1	13.1	1.9
16	15.6	26.8	19.5	64.0	16.620	16.5	0.0	0.0	0.0	6.4
17	15.6	23.0	19.8	78.7	17.553	15.8	0.0	0.0	0.0	6.4
18	16.8	23.0	18.2	81.6	17.125	15.0	2.3	0.0	2.3	6.4
19	14.7	25.0	19.1	78.4	16.910	14.9	0.0	0.0	0.0	6.1
20	16.6	24.7	19.7	76.5	17.309	15.2	0.0	0.0	0.0	6.7
21	16.6	24.0	19.6	82.5	16.658	16.4	0.1	0.0	0.1	3.0
22	16.2	24.9	20.2	76.2	17.642	15.7	0.0	0.0	0.0	3.0
23	15.5	24.8	19.5	81.8	16.326	16.1	0.0	10.5	10.5	3.7
24	16.9	22.9	19.1	82.5	18.470	16.2	20.7	0.0	20.7	0.8
25	13.6	23.6	18.7	83.6	17.668	15.7	0.0	1.6	1.6	6.3
26	16.3	24.2	19.4	84.4	18.517	16.6	1.0	0.0	1.0	2.6
27	16.0	25.6	19.5	86.1	18.547	17.1	0.0	0.0	0.0	4.2
28	16.4	25.3	20.4	81.4	18.217	16.8	0.0	0.0	0.0	2.6
29	15.4	23.1	18.6	88.4	18.529	16.6	1.6	0.0	1.6	0.0
30	15.6	25.0	19.6	81.4	18.375	16.1	0.0	0.4	0.4	5.3
PROM.	15.5	24.5	19.3	81.5	18.152	15.9	53.2	73.0	126.2	98.5

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	16.1	20.5	17.5	91.3	18.104	15.9	8.8	0.0	8.8	0.2
2	13.7	20.5	19.3	80.4	17.403	15.2	0.0	0.0	0.0	5.4
3	15.6	23.6	19.4	79.5	17.600	15.6	0.2	0.0	0.2	3.2
4	16.5	23.0	19.2	83.4	18.468	16.2	0.2	0.3	0.5	1.2
5	14.7	23.1	19.4	80.4	17.747	15.6	0.0	0.0	0.0	3.6
6	16.5	23.5	20.1	81.9	16.072	16.8	0.0	0.0	0.0	3.5
7	17.1	26.3	20.3	80.4	19.028	16.7	0.0	0.0	0.0	5.1
8	17.0	23.2	19.3	84.1	18.648	16.5	0.0	0.0	0.0	0.0
9	15.8	24.5	19.7	81.6	16.668	16.4	0.0	0.0	0.0	2.8
10	14.9	24.9	19.7	80.0	16.055	15.9	0.0	11.5	11.5	3.0
11	14.7	25.6	19.6	81.9	18.315	16.1	0.0	0.0	0.0	1.0
12	16.1	23.0	19.5	81.7	18.401	16.2	0.0	0.4	0.4	2.5
13	16.0	24.0	19.0	84.5	18.536	16.3	0.0	0.0	0.0	0.9
14	13.4	24.2	18.8	86.0	18.127	15.9	0.1	0.4	0.5	4.2
15	16.2	24.8	19.7	77.3	17.427	15.3	0.0	0.0	0.0	2.6
16	14.5	24.9	20.1	76.7	17.613	15.6	0.0	7.5	7.5	4.0
17	15.7	22.4	18.7	84.3	18.166	16.0	0.0	0.1	0.1	0.0
18	14.2	27.0	19.5	81.0	17.541	15.8	0.0	0.5	0.5	5.0
19	16.2	26.0	20.2	77.2	18.351	16.1	0.0	25.4	25.4	4.2
20	16.3	24.1	19.0	81.6	17.641	15.7	0.5	0.0	0.5	1.4
21	15.4	25.8	19.5	74.5	16.363	14.2	0.0	1.4	1.4	3.2
22	15.9	24.8	20.0	76.6	17.151	15.4	0.0	0.0	0.0	5.5
23	16.5	25.4	20.0	81.4	18.627	16.5	0.0	0.3	0.3	4.3
24	16.1	25.0	19.9	79.6	16.114	15.9	0.0	24.8	24.8	2.9
25	13.6	25.5	18.3	76.1	15.849	13.6	0.3	2.6	2.9	0.4
26	13.7	26.5	19.1	75.9	16.166	14.1	1.1	1.1	2.2	3.3
27	15.5	24.4	18.7	78.2	16.663	14.6	3.5	3.4	6.9	1.7
28	13.7	23.3	17.6	82.2	16.368	14.4	10.4	0.3	10.7	2.0
29	13.7	25.1	18.6	78.2	16.157	14.3	0.0	0.0	0.0	6.5
30	15.2	21.8	18.1	84.8	17.556	15.5	0.2	2.3	2.5	0.0
31	16.2	23.6	19.0	79.6	17.411	15.3	10.8	0.0	10.8	2.6
PROM.	15.4	24.6	19.3	80.6	17.754	15.6	38.9	82.3	121.2	87.4

ESTACION: SUBESTACION ALBAN MUNICIPIO EL CAIRO AÑO: 1.980
 ALTITUD: 1.400 LATITUD: 4-46 N. LONGITUD: 76-13 W. 223

MESES	TEMPERATURA °C					Humedad relativa o/o	Tensión vapor mb.	Punto roció °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días llovias	
ENERO	16.0	26.0	20.2	13.5	29.3	75.2	17.573	15.4	104.0	14	113.0
FEBRERO	15.9	25.0	20.0	13.8	27.9	80.7	18.668	16.4	45.5	12	89.5
MARZO	15.9	25.9	20.7	14.0	30.0	82.2	19.706	17.2	33.5	13	127.9
ABRIL	15.6	26.5	20.7	11.8	29.8	81.0	15.478	17.0	86.9	12	167.1
MAYO	16.0	25.7	20.3	13.9	29.8	84.9	20.051	17.5	90.7	16	157.1
JUNIO	15.7	26.2	20.5	13.8	29.9	78.4	18.416	16.1	122.6	15	161.0
JULIO	15.1	26.3	20.3	13.2	30.3	77.4	17.850	15.6	64.3	13	197.6
AGOSTO	15.0	26.7	20.4	12.4	30.3	75.1	17.327	15.1	70.6	16	196.6
SEPTIEMBRE	15.6	25.7	20.1	13.6	28.9	77.8	17.967	15.8	115.8	19	150.6
OCTUBRE	15.6	24.6	19.4	12.5	26.4	82.6	18.414	16.1	131.4	24	110.3
NOVIEMBRE	15.5	24.5	19.3	11.6	26.5	81.9	16.152	15.9	126.2	20	98.5
DICIEMBRE	15.4	24.6	19.3	13.4	26.0	80.8	17.794	15.6	121.2	21	87.4
PROMEDIO	15.6	25.6	20.1	13.2	28.9	75.8	18.451	16.1			
TOTAL									1112.7	155	1696.6

ESTACION: ARTURO GOMEZ

MUNICIPIO: ALCALA

AÑO: 1980

ALTITUD: 1.320

LATITUD: 4-4C N.

LONGITUD: 75-48 W.

224

M E S - ENERC

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	26.2	20.2	87.1	20.563	17.9	2.0	0.1	2.1	2.7
2	17.4	24.0	20.0	86.6	20.157	17.6	0.6	0.0	0.6	1.2
3	15.1	28.0	22.0	75.4	19.120	16.6	0.0	0.0	0.0	6.0
4	16.0	28.4	20.4	75.7	17.456	15.2	10.7	0.0	15.7	7.6
5	15.0	29.0	20.8	77.1	17.553	15.6	10.5	0.0	10.5	6.3
6	17.0	29.3	22.0	65.7	16.665	14.6	0.0	0.0	0.0	5.7
7	17.0	28.0	22.0	72.6	18.773	16.5	0.0	0.0	0.0	7.9
8	16.0	29.9	22.3	66.2	16.544	14.4	0.0	0.0	0.0	6.2
9	16.5	28.7	22.0	72.0	18.045	15.7	0.0	0.0	0.0	5.2
10	16.5	29.1	21.8	69.0	17.172	14.9	1.0	0.0	1.0	5.2
11	16.8	27.1	20.5	79.7	18.582	16.5	0.0	3.4	4.4	2.8
12	17.0	27.6	21.6	70.4	17.793	15.6	0.0	0.0	0.0	6.9
13	17.0	28.1	21.9	68.1	17.133	14.9	0.0	0.0	0.0	7.4
14	17.5	27.0	21.5	68.6	16.523	14.7	0.0	11.0	11.0	7.2
15	17.5	24.1	20.1	79.8	18.401	16.1	1.2	0.0	1.2	0.5
16	17.0	27.0	20.2	73.0	16.643	14.3	0.0	6.5	6.5	3.5
17	16.4	24.0	19.8	79.5	17.661	15.7	0.0	0.0	0.0	0.7
18	15.4	26.3	21.1	73.4	17.564	15.4	0.1	2.6	2.7	3.9
19	16.6	25.5	20.4	74.6	17.009	15.4	0.0	0.0	0.0	4.7
20	15.3	28.0	22.5	70.0	17.544	15.7	0.0	0.0	0.0	8.0
21	16.5	27.1	20.9	74.0	17.553	15.4	0.0	0.0	0.0	3.4
22	15.5	30.0	23.1	62.2	15.568	13.9	0.0	0.0	0.0	8.2
23	16.5	26.6	23.3	71.2	19.403	16.9	0.0	0.0	0.0	6.0
24	17.0	29.3	22.6	75.5	19.512	17.3	0.0	0.0	0.0	5.7
25	16.0	31.0	23.4	67.3	17.501	15.7	0.0	0.0	0.0	8.2
26	16.5	31.5	23.2	67.6	18.043	15.4	0.0	0.0	0.0	2.6
27	15.5	31.1	23.6	62.0	16.301	14.3	0.0	0.0	0.0	7.6
28	18.6	25.0	21.6	78.5	20.018	17.5	0.0	0.0	0.0	0.9
29	17.3	29.3	21.1	79.2	19.543	17.0	11.0	7.0	18.0	5.5
30	17.9	25.4	19.9	82.8	19.141	16.8	11.0	0.0	11.0	0.5
31	14.6	28.0	22.1	68.3	16.774	14.7	0.0	0.0	0.0	7.4
PROM.	16.5	27.8	21.6	73.3	16.063	15.8	53.1	30.6	83.7	166.8

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	17.0	25.2	20.5	90.5	21.291	18.5	4.0	0.0	4.0	3.1
2	17.5	27.6	22.2	73.3	18.752	16.5	0.0	5.0	5.0	3.3
3	17.6	24.3	18.2	98.2	20.610	18.0	3.0	0.0	3.0	2.4
4	16.5	25.0	19.4	81.5	18.024	15.7	2.0	0.0	2.0	2.0
5	16.5	26.0	21.5	68.7	16.705	14.6	0.0	0.0	0.0	7.4
6	17.6	29.0	21.5	73.3	18.228	16.0	0.0	0.0	0.0	5.5
7	17.2	29.9	22.3	69.3	17.605	15.5	0.0	0.0	0.0	7.1
8	18.2	30.0	23.8	67.6	18.548	16.2	0.0	0.0	0.0	7.5
9	17.5	30.1	23.8	66.9	18.555	16.4	0.0	0.0	0.0	6.5
10	18.5	31.0	24.1	63.4	17.660	15.4	0.0	0.0	0.0	7.0
11	18.0	30.0	23.5	62.4	16.729	14.4	0.0	0.0	0.0	8.2
12	17.5	30.2	23.2	63.8	16.682	14.6	0.0	0.0	0.0	8.1
13	16.1	30.3	22.2	64.5	16.200	14.1	0.0	0.0	0.0	8.1
14	17.0	30.0	22.6	62.0	18.746	13.6	0.0	0.0	0.0	6.9
15	17.3	30.3	22.6	63.5	16.375	14.2	0.0	0.0	0.0	8.2
16	17.5	28.0	21.6	75.3	18.550	16.6	0.4	12.9	13.3	0.0
17	16.5	25.8	20.1	77.1	17.736	15.5	0.1	0.0	0.1	0.0
18	16.0	28.1	21.5	69.6	17.122	14.9	0.0	0.6	0.6	6.5
19	16.6	27.1	21.3	72.8	17.751	15.5	0.0	15.9	15.9	3.7
20	17.6	25.3	21.3	69.4	16.618	14.5	0.1	8.2	8.3	2.7
21	17.3	27.1	20.1	79.9	18.508	16.1	0.0	10.4	10.4	4.5
22	17.6	28.5	22.2	68.5	17.363	15.3	0.0	0.0	0.0	6.2
23	17.2	28.6	23.0	62.3	16.142	14.0	0.0	0.0	0.0	7.2
24	16.5	30.0	23.4	62.9	16.608	14.5	0.0	6.0	6.0	10.8
25	18.0	26.3	21.3	75.4	18.667	16.2	0.0	0.8	0.8	2.8
26	17.5	28.0	21.5	67.4	16.461	14.3	0.0	0.0	0.0	5.2
27	16.5	29.0	22.4	67.7	17.478	15.3	0.0	0.0	0.0	7.6
28	17.0	29.3	21.8	72.1	17.621	15.3	0.3	0.0	0.3	8.0
29	15.0	29.0	20.8	76.2	17.554	15.5	0.2	3.2	3.4	6.3
PROM.	17.1	29.4	21.9	71.2	17.655	15.4	10.1	63.0	73.1	163.4

ESTACION: ARTURO GOMEZ

MUNICIPIO: ALCALA

AÑO: 1.980

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	16.3	29.8	22.5	67.4	17.242	15.0	0.0	0.0	0.0	8.6
2	17.0	30.3	21.9	71.3	16.179	16.0	0.6	10.4	11.0	8.7
3	18.0	27.1	20.8	72.5	17.430	15.2	0.0	10.0	10.0	6.0
4	16.0	28.2	21.7	65.9	15.740	13.7	0.0	3.5	3.5	7.3
5	16.5	26.0	20.6	74.5	17.615	15.4	0.3	0.0	0.3	3.2
6	16.3	29.3	22.2	64.1	15.655	13.8	0.0	0.0	0.0	7.7
7	15.3	29.7	23.2	60.0	15.257	13.2	0.0	0.0	0.0	7.2
8	15.7	31.1	23.4	66.6	16.258	15.9	0.2	0.0	0.2	3.6
9	17.0	30.0	22.5	64.9	16.656	14.5	0.0	0.0	0.0	7.6
10	17.6	30.0	22.9	74.7	19.654	17.1	0.0	0.0	0.0	6.7
11	17.0	30.3	23.6	62.4	17.133	15.0	0.0	0.0	0.0	6.7
12	16.0	31.0	23.1	69.6	18.434	16.1	0.0	0.0	0.0	8.6
13	16.4	31.0	24.0	64.3	17.649	15.4	0.0	0.0	0.0	5.7
14	16.8	25.6	21.2	77.9	19.265	16.9	0.0	0.0	0.0	0.0
15	16.3	28.1	22.5	49.5	16.149	15.9	0.0	0.0	0.0	4.8
16	16.5	30.0	23.4	64.8	17.700	15.5	0.0	0.0	0.0	5.7
17	17.5	29.3	22.3	72.1	18.691	16.5	0.0	0.2	0.2	1.7
18	17.0	25.2	20.5	72.0	16.551	14.8	0.0	0.0	0.0	4.2
19	17.0	26.9	21.2	74.4	18.075	15.8	0.0	0.0	0.0	4.2
20	16.0	30.8	22.8	61.6	15.677	13.6	0.0	0.0	0.0	2.4
21	14.5	29.4	21.1	70.6	16.746	14.7	0.0	0.2	0.2	6.9
22	15.5	28.0	22.8	66.9	17.251	15.1	0.0	0.0	0.0	3.7
23	17.0	31.4	23.8	66.4	17.578	15.6	0.0	0.0	0.0	7.5
24	16.0	28.1	23.3	64.2	17.051	14.9	0.0	0.1	0.1	7.8
25	18.0	27.0	22.0	75.6	18.532	17.4	0.6	0.0	0.6	1.6
26	16.7	31.1	23.4	67.7	18.236	16.0	0.0	0.0	0.0	5.8
27	17.0	33.0	24.5	58.2	18.635	13.5	0.0	0.0	0.0	9.6
28	18.0	32.5	25.0	58.2	16.562	14.2	0.0	0.0	0.0	8.2
29	17.0	33.3	22.1	68.6	17.477	15.3	7.9	0.3	8.2	9.2
30	19.0	26.5	22.4	74.1	18.557	17.1	0.0	0.0	0.0	3.0
31	17.5	31.0	23.6	60.5	16.637	14.4	0.4	0.0	0.4	6.9
PROM.	16.7	29.5	22.6	67.8	17.543	15.3	10.6	15.3	26.2	167.0

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	18.0	30.5	23.4	61.8	16.640	14.5	0.1	0.0	0.1	6.7
2	18.0	27.5	21.3	71.2	17.545	15.3	2.7	31.4	34.1	3.6
3	16.5	29.0	21.4	68.2	16.630	14.6	7.4	0.1	7.5	6.1
4	16.0	30.0	20.4	69.0	16.052	13.9	5.5	1.9	7.4	7.8
5	16.5	26.5	22.0	66.0	16.332	14.2	0.0	0.0	0.0	6.4
6	18.0	25.1	21.3	72.2	17.509	15.5	1.4	14.3	15.7	0.4
7	17.5	25.5	20.2	74.2	17.256	15.2	0.8	4.2	5.0	1.9
8	17.0	26.5	20.8	65.4	15.617	13.5	0.0	0.0	0.0	3.6
9	16.5	25.4	22.4	57.1	14.206	12.2	0.0	0.0	0.0	9.0
10	17.0	28.6	22.7	57.6	15.020	12.7	0.0	0.0	0.0	9.2
11	14.5	28.9	21.6	63.6	15.062	12.9	0.0	0.0	0.0	9.0
12	14.0	30.9	22.1	52.6	12.557	10.1	0.0	0.0	0.0	10.5
13	15.5	29.0	20.6	69.6	16.051	13.7	17.0	4.7	21.7	7.1
14	16.0	26.6	21.6	70.0	17.455	15.4	0.0	0.0	0.0	4.5
15	18.0	29.1	22.6	68.2	17.653	15.6	0.0	0.0	0.0	6.4
16	15.0	29.5	24.1	56.4	15.564	13.6	0.0	0.0	0.0	9.3
17	15.0	29.0	22.7	63.3	15.657	13.8	0.0	0.0	0.0	6.5
18	18.0	29.9	24.5	57.6	16.537	14.4	0.0	0.0	0.0	6.7
19	18.0	28.3	24.2	66.7	15.062	16.7	0.0	0.0	0.0	6.3
20	16.5	28.4	23.3	72.6	20.432	17.9	0.0	0.0	0.0	3.9
21	19.5	30.5	22.5	67.7	18.012	15.7	0.0	0.0	0.0	4.9
22	18.0	28.0	22.1	72.2	18.671	16.2	3.4	2.5	5.9	5.0
23	17.5	27.0	22.3	72.1	15.619	16.1	0.0	6.6	6.6	4.6
24	17.5	21.0	19.6	64.2	15.164	16.8	2.2	0.0	2.2	0.0
25	15.5	25.0	21.0	74.7	16.031	15.7	0.0	1.7	1.7	2.1
26	16.0	22.0	19.7	63.9	16.916	16.6	5.0	0.0	5.0	0.1
27	15.0	27.0	22.5	72.1	18.547	16.2	0.0	0.0	0.0	8.1
28	17.0	25.8	20.6	78.7	19.116	16.2	0.3	0.2	0.5	2.9
29	17.5	27.9	21.4	69.5	17.213	15.1	2.4	9.2	11.6	4.8
30	17.5	28.5	23.2	63.5	17.319	15.1	0.0	4.4	4.4	7.5
PROM	16.9	27.6	21.9	68.1	17.135	14.9	48.2	81.4	129.6	164.9

ESTACION: ARTURO GOMEZ
 ALTITUD: 1.320

MUNICIPIO: ALCALA
 LATITUD: 4-40 N.

AÑO: 1.980
 LONGITUD: 75-46 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	17.5	25.5	20.8	80.3	15.730	17.3	0.5	17.1	17.6	2.0
2	16.0	26.5	20.5	69.9	16.044	14.0	0.0	0.0	0.0	8.1
3	16.5	25.5	20.2	79.9	16.768	16.5	1.1	0.0	1.1	4.1
4	15.0	30.3	22.5	66.5	17.355	15.2	0.0	0.0	0.0	5.9
5	17.5	28.8	22.1	68.5	17.759	15.5	0.0	0.0	0.0	6.0
6	17.4	26.5	20.0	85.8	15.900	17.4	26.6	0.0	26.6	3.9
7	17.0	27.5	22.3	69.0	16.017	15.6	0.0	2.8	2.8	6.4
8	18.0	25.5	22.4	83.0	15.511	17.4	3.2	0.0	3.2	0.7
9	17.5	26.3	20.7	77.0	16.336	16.0	12.9	25.1	38.0	5.0
10	16.0	26.5	20.8	71.7	17.168	15.0	0.0	0.0	0.0	5.5
11	15.3	28.8	23.0	61.5	16.358	14.3	0.0	0.0	0.0	6.6
12	16.5	30.0	23.5	66.6	16.289	15.9	0.0	0.0	0.0	8.2
13	16.4	24.5	21.2	76.7	16.551	16.5	0.0	0.0	0.0	0.0
14	17.0	25.5	20.4	79.1	16.678	16.3	7.8	3.7	11.5	2.5
15	16.5	25.0	19.1	86.6	19.603	17.2	25.7	0.0	25.7	3.0
16	14.5	27.5	21.1	71.6	17.128	15.0	0.0	0.3	0.3	6.4
17	17.0	25.5	21.1	64.3	20.548	16.2	2.4	1.2	3.6	2.7
18	17.5	25.0	20.5	85.3	16.568	17.9	0.0	1.1	1.1	1.8
19	17.5	26.5	22.5	61.5	16.030	13.8	0.0	0.0	0.0	7.7
20	16.5	20.4	22.1	69.7	17.741	15.5	3.1	0.0	3.1	7.7
21	16.5	27.0	22.1	75.4	16.533	17.0	0.0	0.0	0.0	0.3
22	17.5	26.0	22.0	75.1	19.445	17.0	3.9	0.0	3.9	6.5
23	17.0	26.0	21.3	73.4	16.273	16.0	1.4	1.5	2.9	4.6
24	17.5	27.8	21.6	77.0	16.442	16.8	10.0	0.0	10.0	4.2
25	15.5	27.0	20.0	71.3	16.362	14.2	3.5	0.0	3.5	4.2
26	17.5	27.0	20.8	75.2	18.161	15.6	0.0	0.7	0.7	3.4
27	16.0	26.5	22.3	73.2	18.761	16.5	0.0	0.0	0.0	7.4
28	16.0	26.8	22.4	71.5	16.454	16.1	0.0	0.0	0.0	7.0
29	17.0	27.6	22.1	65.6	16.606	14.4	0.7	0.0	0.7	7.1
30	17.0	27.0	21.3	73.0	16.178	15.8	11.7	0.1	11.8	5.2
31	17.0	26.0	21.4	78.1	20.057	17.5	6.9	0.0	6.9	4.5
PROM.	16.7	27.2	21.4	74.3	16.405	16.1	121.4	53.6	175.0	149.8

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	17.0	21.4	18.3	93.2	15.655	17.2	6.6	0.0	6.6	0.0
2	16.0	27.5	18.1	85.1	17.720	15.5	3.1	0.0	3.1	1.9
3	14.5	29.0	21.3	74.6	18.202	15.9	0.0	0.0	0.0	8.7
4	16.4	28.8	21.9	71.5	16.371	16.1	0.0	0.0	0.0	8.7
5	16.5	26.3	20.3	63.4	15.535	17.2	6.0	1.7	7.7	5.3
6	17.4	27.9	22.1	74.6	15.155	16.6	2.8	0.0	2.8	5.9
7	16.5	29.5	22.0	76.6	15.508	17.5	0.0	0.0	0.0	6.1
8	16.4	27.0	21.8	79.6	20.404	17.7	1.5	0.0	1.5	6.3
9	18.0	27.4	21.1	78.3	19.758	17.3	36.7	10.1	46.8	6.0
10	16.5	24.5	20.0	82.8	15.114	16.8	1.1	1.3	2.4	2.9
11	16.6	25.8	20.3	76.3	17.560	15.8	1.3	3.6	4.9	5.7
12	16.6	25.0	18.8	65.6	16.661	16.4	10.8	16.9	27.7	2.3
13	15.5	24.0	18.9	83.8	17.526	15.7	1.1	0.0	1.1	2.9
14	13.5	28.6	21.9	70.9	17.634	15.5	0.0	0.0	0.0	10.6
15	16.0	30.4	22.7	71.3	18.625	16.3	0.0	0.0	0.0	10.6
16	15.4	25.5	22.1	66.6	16.657	14.6	0.0	0.0	0.0	7.9
17	16.0	28.5	21.0	73.0	17.514	15.7	0.5	0.0	0.5	6.2
18	17.0	26.4	21.7	70.5	17.307	15.1	0.0	0.0	0.0	4.0
19	17.0	26.4	21.0	72.0	17.455	15.3	0.0	3.6	3.6	3.1
20	16.0	23.2	18.7	83.2	16.373	16.1	6.4	0.0	6.4	0.2
21	14.5	27.3	22.0	74.7	15.151	16.8	0.0	0.0	0.0	8.5
22	17.0	27.8	22.1	73.1	18.664	16.4	0.0	0.0	0.0	4.8
23	16.5	29.9	21.5	70.6	17.357	15.1	1.0	0.0	1.0	4.7
24	16.0	30.8	24.0	56.2	15.761	13.7	0.0	0.0	0.0	8.7
25	18.0	28.5	23.1	70.1	16.523	16.5	0.0	0.0	0.0	6.7
26	17.5	26.0	21.1	75.7	16.460	16.2	0.0	0.0	0.0	2.4
27	17.0	30.5	24.1	54.7	15.134	12.3	0.0	0.0	0.0	9.6
28	14.0	25.5	24.3	47.5	12.284	9.6	0.0	0.0	0.0	8.4
29	16.5	29.5	23.7	59.4	15.651	13.6	0.0	0.0	0.0	5.7
30	16.0	26.8	21.9	67.1	17.245	15.1	0.4	2.5	2.9	6.2
PROM	16.3	27.3	21.4	73.5	17.956	15.7	83.3	39.7	123.0	174.3

ESTACION: ARTURO GOMEZ
 ALTITUD: 1.320

MUNICIPIO: ALCALA
 LATITUD: 4-40 N.

AÑO: 1-980
 LONGITUD: 75-48 W.

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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	28.5	21.5	74.5	18.308	16.0	0.3	0.0	0.3	8.8
2	15.5	27.9	19.4	82.1	18.645	16.5	7.5	0.0	7.5	6.7
3	15.0	25.3	22.3	64.9	16.220	14.1	0.0	0.0	0.0	8.8
4	15.0	29.9	23.3	57.7	14.508	12.8	0.0	0.0	0.0	8.8
5	15.5	31.4	25.0	45.1	12.512	9.9	0.0	0.0	0.0	10.7
6	15.8	29.5	24.0	47.4	12.755	10.5	0.0	0.0	0.0	6.7
7	17.0	25.3	22.9	63.9	16.855	14.8	0.0	0.0	0.0	6.3
8	16.8	28.5	21.3	70.0	17.121	14.9	3.5	0.0	3.5	6.3
9	15.5	26.9	20.5	74.1	17.217	15.0	4.1	0.0	4.1	5.1
10	15.5	26.3	21.5	70.7	17.666	15.5	0.0	0.0	0.0	3.8
11	16.5	27.5	22.9	59.1	15.464	13.4	0.0	0.0	0.0	7.0
12	16.0	28.8	21.9	70.8	17.492	15.1	0.0	0.0	0.0	8.3
13	17.0	28.6	22.1	66.8	16.526	14.7	0.0	0.0	0.0	7.3
14	16.5	28.8	22.9	63.6	16.762	14.7	0.0	0.0	0.0	10.2
15	16.0	26.5	20.9	68.2	16.232	14.2	0.0	0.0	0.0	6.9
16	14.0	28.1	21.8	64.3	15.474	13.4	0.0	0.0	0.0	8.2
17	16.6	29.9	22.9	59.5	15.094	13.0	0.0	0.0	0.0	9.2
18	16.6	30.8	22.6	72.8	18.674	16.1	0.0	0.0	0.0	7.7
19	15.5	30.3	23.0	60.9	15.742	13.5	0.0	0.0	0.0	8.8
20	17.5	29.0	21.0	81.0	20.314	17.7	6.3	0.0	6.3	4.4
21	17.0	27.0	20.3	86.1	20.453	17.9	4.5	0.0	4.5	5.2
22	16.0	28.8	21.3	70.6	17.065	14.9	0.0	0.0	0.0	7.1
23	16.4	28.8	20.2	84.7	20.026	17.5	10.7	0.1	10.6	6.3
24	16.5	28.5	21.5	71.2	17.627	15.3	0.0	0.0	0.0	6.8
25	15.5	26.5	19.9	77.4	17.650	15.5	0.6	0.0	0.6	5.2
26	15.5	28.0	22.0	70.6	17.609	15.5	0.0	7.5	7.5	4.6
27	17.4	26.4	21.6	76.8	19.352	16.8	0.0	0.0	0.0	3.8
28	16.5	28.5	20.9	70.6	16.397	13.6	0.0	0.0	0.0	4.0
29	16.0	29.8	23.4	56.9	14.807	12.2	0.0	0.0	0.0	5.7
30	16.0	29.9	23.7	60.0	16.237	14.1	0.0	0.0	0.0	9.0
31	18.0	29.2	23.2	62.2	16.852	14.7	0.0	0.0	0.0	7.6
PROM.	16.1	28.5	22.0	67.9	16.926	14.6	37.5	7.6	45.1	221.1

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	28.8	21.6	69.3	17.076	14.8	0.0	0.0	0.0	7.3
2	17.0	28.1	24.3	55.5	15.013	12.7	0.1	0.0	0.1	5.1
3	17.0	27.6	22.3	66.5	17.224	14.9	0.0	0.0	0.0	9.7
4	16.5	28.5	21.6	68.0	16.673	14.7	0.0	0.0	0.0	4.7
5	16.5	28.5	21.9	66.0	16.461	14.1	0.0	0.0	0.0	7.0
6	16.5	27.5	21.1	75.4	18.165	15.9	0.0	0.2	0.2	4.7
7	17.5	26.0	19.7	83.1	19.277	16.9	38.1	4.4	42.5	2.8
8	16.0	25.5	20.8	75.6	18.364	16.0	0.0	0.0	0.0	2.9
9	15.0	26.5	21.2	76.5	19.080	16.7	1.4	0.2	1.6	4.9
10	17.0	28.0	22.5	69.2	18.095	15.7	0.0	0.0	0.0	5.4
11	14.5	29.0	22.7	51.4	11.547	9.1	0.1	0.0	0.1	9.2
12	14.5	30.0	22.8	51.8	12.815	10.3	0.0	0.0	0.0	9.3
13	14.5	30.0	22.1	60.4	14.608	12.5	0.0	0.0	0.0	7.3
14	16.0	28.4	23.0	66.5	17.719	15.5	0.0	0.0	0.0	5.6
15	15.5	27.1	22.6	68.0	17.922	15.6	0.0	0.0	0.0	6.5
16	16.0	28.0	21.3	72.0	17.691	15.4	0.1	0.0	0.1	5.7
17	14.5	28.8	21.4	67.7	16.300	14.1	1.8	0.5	2.3	9.0
18	15.4	26.5	21.6	73.1	18.241	16.0	1.4	0.0	1.4	6.9
19	15.5	27.0	22.0	63.6	16.354	14.2	1.3	0.0	1.3	3.6
20	16.0	27.5	21.1	72.5	17.797	15.5	0.0	0.0	0.0	5.4
21	13.6	26.5	20.4	71.0	16.003	13.9	0.0	0.0	0.0	6.9
22	14.0	29.5	21.7	71.5	17.599	15.0	0.0	0.0	0.0	9.5
23	16.5	31.9	23.6	51.7	13.147	10.2	0.0	0.0	0.0	8.6
24	13.0	31.8	24.4	46.1	11.676	8.1	0.0	0.0	0.0	10.6
25	14.6	31.8	23.8	51.4	13.562	11.0	0.0	0.0	0.0	10.3
26	15.5	31.6	24.7	59.0	16.262	14.0	0.0	0.0	0.0	8.6
27	17.0	31.0	24.5	47.1	12.142	8.6	0.0	0.6	0.6	7.7
28	14.5	31.9	24.1	50.7	13.555	11.4	0.0	0.0	0.0	7.9
29	17.5	27.9	21.3	71.2	17.613	15.3	0.5	0.0	0.5	4.6
30	14.5	30.8	22.5	62.5	15.354	13.2	0.0	0.0	0.0	3.4
31	16.0	29.9	20.8	66.5	16.200	14.1	10.6	4.3	14.9	3.9
PROM.	15.7	28.6	22.2	64.5	16.122	13.7	55.4	25.2	80.6	205.1

ESTACION: ARTURO GOMEZ

MUNICIPIO: ALCALA

AÑO: 1.980

ALTITUD: 1.320

LATITUD: 4-40 N.

LONGITUD: 75-48 W.

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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	21.0	67.0	16.236	13.9	0.0	5.3	5.3	4.4
2	14.0	26.0	19.0	78.4	17.401	15.2	9.3	0.1	9.4	5.1
3	15.0	27.0	21.0	69.3	16.626	14.6	0.0	0.0	0.0	7.1
4	16.0	29.0	21.0	68.9	16.647	14.5	0.0	0.0	0.0	4.8
5	15.5	27.4	21.5	62.9	15.022	12.5	0.0	0.0	0.0	7.0
6	16.1	30.0	23.0	67.8	18.173	16.0	0.0	0.0	0.0	8.8
7	15.5	29.0	22.0	71.3	18.257	16.0	0.0	0.0	0.0	7.4
8	17.5	29.9	24.1	60.8	17.246	15.0	0.2	0.0	0.2	8.4
9	17.3	27.9	22.9	64.6	17.154	14.9	0.0	0.0	0.0	5.9
10	15.0	28.5	24.0	52.9	13.563	11.1	0.0	0.0	0.0	4.3
11	14.4	30.5	23.3	57.6	14.451	12.3	0.0	0.0	0.0	0.6
12	17.5	31.5	24.3	58.1	16.361	14.2	0.0	0.0	0.0	8.5
13	17.0	30.0	22.8	67.4	17.507	15.4	0.0	0.0	0.0	7.7
14	17.0	24.8	20.9	86.7	21.244	18.5	1.3	0.0	1.3	7.2
15	16.5	24.0	19.8	50.2	20.673	18.2	4.5	0.0	4.5	0.3
16	16.5	26.8	21.5	71.7	17.367	15.2	0.0	0.0	0.0	5.1
17	16.5	29.3	22.1	63.7	16.125	14.0	0.0	0.0	0.0	4.4
18	16.0	26.5	21.8	71.7	17.607	15.1	7.2	11.2	18.4	5.1
19	17.0	26.5	20.1	77.0	17.540	15.3	1.6	10.4	12.0	5.3
20	15.4	26.9	21.8	72.0	17.611	15.4	0.0	0.7	0.7	6.3
21	17.0	25.0	20.1	82.7	19.126	16.7	3.7	0.0	3.7	1.7
22	16.5	26.0	21.2	72.1	17.628	15.6	0.0	0.0	0.0	2.5
23	15.0	29.0	21.9	67.9	16.793	14.6	0.0	0.0	0.0	6.5
24	15.0	29.0	21.9	64.9	15.939	13.8	0.0	0.0	0.0	6.5
25	15.3	29.0	22.5	60.8	15.620	13.4	0.0	0.0	0.0	5.1
26	18.0	27.5	21.4	72.3	17.689	15.5	0.0	0.0	0.0	6.0
27	17.1	28.8	21.5	73.7	18.345	16.1	1.0	10.6	11.6	4.7
28	16.0	28.0	22.5	72.1	16.781	14.7	0.4	4.0	4.4	4.1
29	16.0	28.5	22.5	62.8	15.527	13.7	0.0	15.3	15.3	6.4
30	16.0	27.0	21.6	71.1	17.315	15.0	0.0	0.0	0.0	6.4
PROM.	16.1	28.1	21.8	69.3	17.180	14.9	29.2	57.6	86.8	163.6

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	27.5	21.4	73.9	18.295	16.0	0.0	0.0	0.0	2.2
2	16.5	27.5	22.4	66.9	17.125	14.5	0.0	0.0	0.0	4.7
3	17.0	27.0	22.3	68.8	18.058	15.7	3.3	33.4	36.7	5.3
4	16.5	26.0	20.6	76.9	18.164	15.9	0.0	20.4	20.4	1.9
5	16.1	26.0	20.5	72.7	17.714	15.3	0.0	8.6	8.6	4.1
6	16.5	24.4	19.4	62.9	16.358	16.0	2.6	4.9	7.5	2.4
7	15.6	25.5	18.9	80.5	17.354	15.2	8.3	0.9	9.2	2.6
8	14.3	27.5	19.5	76.7	16.258	14.2	0.0	0.8	0.8	4.7
9	16.5	27.0	21.6	70.1	17.467	15.2	0.0	6.8	6.8	5.3
10	16.5	22.0	19.2	69.1	19.524	17.4	8.0	0.2	8.2	0.5
11	14.5	27.1	21.1	75.3	17.550	15.6	0.0	1.2	1.2	6.9
12	16.5	28.0	21.6	72.4	17.660	15.4	0.0	0.0	0.0	5.9
13	16.0	28.0	21.5	68.3	17.105	14.9	0.0	0.0	0.0	4.8
14	16.5	27.9	21.8	67.9	17.127	15.0	0.0	3.4	3.4	5.2
15	17.1	27.9	21.2	73.5	17.879	15.6	0.0	9.2	9.2	5.9
16	16.0	28.5	21.1	75.6	18.134	15.6	0.7	8.2	8.9	6.1
17	17.5	24.5	19.5	84.6	19.513	17.1	2.0	0.2	2.2	1.1
18	17.5	24.5	20.4	78.7	18.563	16.3	0.0	0.1	0.1	2.2
19	16.5	27.5	21.6	71.6	17.361	15.0	0.0	1.2	1.2	5.7
20	18.0	23.5	19.6	79.0	18.477	16.2	19.6	0.0	19.6	3.5
21	14.4	26.8	20.3	78.1	17.570	15.7	0.0	0.0	0.0	5.0
22	15.4	27.0	22.0	69.7	17.569	15.3	0.4	0.0	0.4	2.7
23	17.0	27.0	21.1	75.6	18.225	16.2	0.0	0.0	0.0	3.6
24	15.3	28.0	20.5	74.4	17.237	15.3	28.4	0.0	28.4	5.7
25	15.0	28.0	20.7	78.8	18.623	16.2	4.4	0.6	5.0	4.9
26	16.5	27.5	20.1	78.1	18.143	15.6	3.2	0.0	3.2	4.3
27	16.4	25.5	19.1	89.7	19.451	17.0	35.4	0.0	35.4	4.9
28	15.0	28.0	22.3	71.0	17.649	15.5	0.0	12.1	12.1	6.0
29	17.3	22.0	19.7	85.9	19.561	17.1	1.1	0.0	1.1	0.0
30	15.1	27.9	21.1	72.4	17.133	14.7	0.0	0.0	0.0	7.5
31	16.5	28.5	21.3	71.8	17.901	15.7	0.0	0.0	0.0	5.8
PROM.	16.2	26.7	20.8	75.9	18.048	15.7	119.1	112.2	231.3	131.4

ESTACION: AKTURU GOMEZ
 ALTITUD: 1.3 30

MUNICIPIO: ALCALA
 LATITUD: 4-40 N.

AÑO: 1.980
 LONGITUD: 75-48 W.

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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	29.5	21.3	72.3	17.169	14.8	0.0	0.0	0.0	6.6
2	17.5	26.8	21.1	78.3	19.058	16.7	0.0	0.0	0.0	2.3
3	17.1	28.0	19.8	78.5	17.613	15.5	16.2	0.0	16.2	5.2
4	16.0	27.0	20.8	73.5	17.505	15.0	0.4	5.9	6.3	5.1
5	16.4	24.7	19.1	63.2	18.342	16.0	16.4	0.1	16.5	2.5
6	15.5	27.5	20.8	72.7	17.025	15.0	0.0	0.0	0.0	5.6
7	16.0	26.5	21.5	70.4	17.537	15.4	0.0	0.6	0.6	5.6
8	16.5	26.5	20.7	72.7	17.260	15.0	0.0	0.0	0.0	7.1
9	13.6	27.0	21.0	59.5	14.372	12.0	0.0	0.0	0.0	3.4
10	15.5	27.5	21.6	70.2	17.206	15.0	0.0	0.0	0.0	7.2
11	18.0	27.3	21.4	70.1	17.558	15.3	0.0	0.3	0.3	5.2
12	16.5	24.5	20.4	77.7	18.183	15.8	0.9	0.4	1.3	0.3
13	15.5	25.0	19.8	50.0	20.565	17.9	0.0	0.0	0.0	1.7
14	16.3	25.5	20.3	76.1	17.579	14.9	0.0	8.3	8.3	4.0
15	17.0	25.5	20.7	77.1	18.662	16.4	0.1	0.0	0.1	4.7
16	15.5	24.8	20.2	79.7	18.624	16.3	1.4	0.9	2.3	6.5
17	16.5	27.5	20.6	74.5	17.415	15.4	0.0	8.2	8.2	6.7
18	17.0	25.8	20.5	76.1	18.224	15.6	0.0	0.0	0.0	3.5
19	15.0	27.5	20.6	74.0	17.322	15.0	2.5	0.0	2.5	6.2
20	15.5	27.6	21.4	71.1	17.333	15.0	0.0	0.0	0.0	6.4
21	17.8	26.5	20.9	62.5	20.254	17.6	0.7	0.0	0.7	2.9
22	17.0	27.5	20.8	62.7	20.058	17.5	0.2	3.0	3.2	4.5
23	17.5	25.4	20.4	84.5	19.557	17.4	0.0	3.4	3.4	2.8
24	17.0	24.5	20.3	84.0	19.555	17.4	1.0	6.9	7.9	2.8
25	15.0	27.0	21.8	74.3	18.677	16.3	2.9	0.0	2.9	5.4
26	16.5	26.5	21.0	75.7	18.384	16.1	0.3	0.0	0.3	3.9
27	17.5	27.5	22.1	72.0	18.536	16.2	3.9	4.0	7.9	4.3
28	17.0	28.3	20.1	60.7	18.105	16.7	0.9	0.0	0.9	6.3
29	17.0	23.8	19.0	92.0	20.225	17.7	13.2	0.0	13.2	1.6
30	15.0	27.5	20.7	76.2	17.615	15.6	0.0	0.4	0.4	6.2
PROM.	16.4	26.6	20.7	76.6	18.267	15.9	60.6	42.9	103.5	140.5

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	16.5	23.5	19.4	84.8	19.241	16.8	2.4	0.0	2.4	1.7
2	13.4	28.0	21.8	65.5	15.658	13.6	0.0	3.3	3.3	9.5
3	17.0	27.5	20.7	68.0	16.065	13.8	2.3	6.5	8.8	5.8
4	16.0	26.8	19.7	80.5	18.441	16.1	23.8	2.0	25.8	4.5
5	16.0	27.5	22.0	68.0	17.168	15.0	0.0	0.0	0.0	6.2
6	16.0	27.8	21.9	73.3	19.159	16.8	0.0	0.0	0.0	5.9
7	16.5	26.5	20.1	76.5	17.505	15.7	0.0	0.0	0.0	6.6
8	16.5	24.5	16.9	82.1	18.342	16.1	3.7	0.0	3.7	0.0
9	16.0	26.5	21.1	76.6	18.662	16.3	0.6	0.0	0.6	5.1
10	16.0	28.4	21.9	71.4	17.606	15.3	0.0	0.0	0.0	7.1
11	16.4	27.0	21.0	77.5	18.782	16.4	0.0	1.2	1.2	4.1
12	16.5	26.5	21.2	73.6	17.760	15.5	0.0	13.1	13.1	4.8
13	17.5	26.5	20.4	80.3	18.608	16.4	16.2	0.0	16.2	3.7
14	16.0	26.4	19.4	75.1	16.701	14.5	3.6	39.3	42.9	6.5
15	16.0	26.0	20.6	77.3	16.302	15.9	0.2	0.0	0.2	7.9
16	16.0	27.5	20.2	75.0	16.566	14.6	2.8	0.0	2.8	4.8
17	16.0	24.5	19.3	76.6	16.763	14.6	0.0	0.0	0.0	3.9
18	15.5	26.5	21.0	72.3	17.664	15.4	0.0	4.4	4.4	6.8
19	17.6	27.0	21.5	74.1	18.295	15.6	0.0	0.0	0.0	7.0
20	18.0	27.0	21.6	69.5	17.592	15.3	0.3	0.0	0.3	6.6
21	16.6	28.3	22.1	70.5	18.064	15.7	0.0	0.0	0.0	1.7
22	16.5	27.5	21.3	70.3	17.061	14.8	0.0	0.0	0.0	5.2
23	15.5	28.0	21.3	71.6	17.631	15.4	1.1	4.8	5.9	4.1
24	16.5	28.0	21.2	71.7	17.732	15.6	0.0	1.6	1.6	6.3
25	18.5	26.0	21.1	78.2	19.577	17.0	26.3	2.4	28.7	4.7
26	14.0	26.5	20.8	71.5	17.176	15.1	0.0	2.6	2.6	5.8
27	14.5	26.5	20.8	72.5	17.170	14.9	0.0	0.5	0.5	7.3
28	13.5	22.5	18.7	68.0	14.134	11.7	0.0	0.0	0.0	4.3
29	13.0	27.5	20.6	71.0	16.532	14.4	22.6	0.5	23.1	7.8
30	14.5	23.5	20.4	77.2	16.231	16.1	0.4	49.1	49.5	0.4
31	15.0	26.5	20.6	74.1	17.567	15.8	4.5	0.0	4.5	4.8
PROM.	15.9	26.6	20.7	74.1	17.655	15.4	110.8	131.3	242.1	160.9

ESTACION: ARTURO GOMEZ

MUNICIPIO ALCALA

AÑO: 1.980

ALTITUD: 1.320

LATITUD: 4-40 N.

LONGITUD: 75-48 W. 230

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.5	27.6	21.6	14.6	31.6	73.3	18.063	15.8	83.7	11	166.8
FEBRERO	17.1	28.4	21.9	15.0	31.0	71.2	17.659	15.4	73.1	14	163.4
MARZO	16.7	29.5	22.6	14.6	33.3	67.8	17.543	15.3	26.2	11	187.0
ABRIL	16.9	27.9	21.9	14.0	30.9	66.1	17.135	14.9	129.6	15	164.9
MAYO	16.7	27.2	21.4	14.6	30.3	74.3	18.405	16.1	175.0	20	145.8
JUNIO	16.3	27.3	21.4	13.6	30.6	73.6	17.998	15.7	123.0	15	174.3
JULIO	16.1	26.5	22.0	14.0	31.4	67.9	16.926	14.6	45.1	9	221.1
AGOSTO	15.7	28.6	22.2	13.0	31.5	64.6	16.122	13.7	80.6	12	205.1
SEPTIEMBRE	16.1	28.1	21.8	14.0	31.6	69.3	17.180	14.9	86.8	12	163.6
OCTUBRE	16.2	26.7	20.8	14.3	26.6	75.9	18.048	15.7	231.3	23	131.4
NOVIEMBRE	16.4	26.6	20.7	13.6	29.6	76.6	18.267	15.9	103.5	21	140.5
DICIEMBRE	15.9	26.6	20.7	13.0	26.4	74.1	17.655	15.4	242.1	22	160.9
PROMEDIO	16.4	27.8	21.6	14.0	30.6	71.4	17.567	15.3			
TOTAL									1400.8	185	2028.8

ESTACION: HERACLIO URIBE

MUNICIPIO: SEVILLA

AÑO: 1.980

ALTITUD: 1.540

LATITUD: 4-16 N.

LONGITUD: 75-55 W.

231

N 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	16.4	24.0	19.4	81.1	18.079	15.8	0.0	7.1	7.1	1.3
2	16.2	21.0	18.6	89.8	19.212	16.8	0.5	0.0	0.5	0.4
3	16.0	24.3	19.4	80.9	18.001	15.8	0.0	5.4	5.4	2.9
4	16.0	24.9	19.2	83.7	18.614	16.4	0.0	0.0	0.0	4.6
5	16.3	25.8	19.1	79.8	18.712	15.7	0.0	0.0	0.0	4.5
6	15.8	26.0	20.3	79.9	19.043	16.7	0.0	0.0	0.0	6.3
7	16.4	26.0	20.5	78.7	18.654	16.6	0.0	0.0	0.0	5.9
8	16.2	26.5	20.3	76.6	18.325	16.1	0.0	0.0	0.0	5.5
9	16.0	25.5	20.6	81.7	19.651	17.4	0.0	0.0	0.0	5.5
10	15.8	25.9	19.6	82.5	18.654	16.4	11.2	0.0	11.2	5.2
11	15.9	24.2	19.6	80.7	18.315	16.1	0.0	0.0	0.0	3.1
12	15.6	24.0	19.5	80.1	17.991	15.8	0.0	9.1	9.1	4.5
13	15.5	24.5	19.7	80.6	18.156	16.0	0.0	0.0	0.0	3.8
14	15.6	25.0	19.0	77.5	17.074	15.0	0.0	0.0	0.0	4.1
15	15.5	22.5	18.7	85.8	18.255	16.1	27.5	0.0	27.5	0.7
16	14.5	22.3	18.0	82.0	16.748	14.7	0.0	7.0	7.0	1.4
17	14.7	20.8	18.0	84.9	17.262	15.2	0.0	0.0	0.0	0.8
18	15.3	22.6	18.9	80.8	17.349	15.3	0.2	0.0	0.2	1.6
19	16.3	22.2	16.4	83.3	17.519	15.4	0.6	0.0	0.6	2.4
20	15.4	24.1	21.0	73.4	17.424	15.3	0.0	0.0	0.0	3.1
21	15.5	23.0	19.0	79.0	17.115	15.1	0.0	0.0	0.0	1.7
22	15.5	25.2	20.3	77.2	17.664	15.8	0.0	0.0	0.0	5.1
23	16.5	25.0	20.2	84.3	20.028	17.5	0.0	0.0	0.0	2.3
24	17.4	25.5	21.0	78.2	19.144	16.8	0.0	0.0	0.0	3.1
25	16.3	27.0	21.8	74.1	18.757	16.5	0.0	0.0	0.0	4.7
26	17.4	28.0	21.2	74.2	18.557	16.3	0.0	0.0	0.0	5.7
27	14.8	27.9	21.7	68.3	16.635	14.8	0.0	0.0	0.0	6.5
28	17.4	24.0	19.9	85.5	19.726	17.3	8.9	0.0	8.9	0.8
29	16.5	26.0	20.6	80.1	19.061	16.7	0.0	2.9	2.9	4.3
30	17.0	22.2	18.0	91.9	19.286	16.9	21.8	0.0	21.8	0.0
31	14.5	24.2	18.9	86.1	18.452	16.3	0.0	0.0	0.0	3.7
PROM.	15.9	24.5	19.7	80.7	18.341	16.1	70.7	31.5	102.2	101.5

N 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	22.4	19.0	69.7	19.575	17.2	0.0	20.2	20.2	0.3
2	15.8	24.2	19.3	82.5	18.269	16.1	0.0	0.5	0.5	1.8
3	17.0	24.0	18.3	92.7	19.629	17.3	2.7	0.3	3.0	1.3
4	15.8	24.0	17.8	89.7	18.439	16.2	25.8	0.0	25.8	0.7
5	14.5	25.5	19.6	77.9	17.635	15.5	0.0	0.3	0.3	3.6
6	14.5	24.0	19.1	85.1	18.756	16.5	0.0	5.6	5.6	1.6
7	15.5	24.5	19.9	78.9	17.580	15.8	0.0	0.7	0.7	4.1
8	16.5	25.5	20.7	78.0	16.616	16.4	0.0	0.0	0.0	3.4
9	16.3	25.0	20.6	80.0	19.258	16.9	0.0	0.0	0.0	3.6
10	15.8	26.0	20.8	75.2	18.284	16.0	0.0	0.0	0.0	4.7
11	15.8	26.0	19.9	77.5	17.941	15.7	0.0	0.0	0.0	5.8
12	15.6	26.2	20.2	77.0	17.523	15.8	0.0	0.0	0.0	5.1
13	15.4	26.2	20.3	77.5	18.335	16.1	0.0	0.0	0.0	5.4
14	15.4	26.0	20.2	77.6	18.002	15.8	0.0	0.0	0.0	4.0
15	15.5	26.0	20.1	74.9	17.209	15.1	0.0	4.7	4.7	4.9
16	15.8	25.2	19.4	81.9	18.120	16.0	0.0	17.7	17.7	3.1
17	15.4	22.5	18.6	83.3	17.578	15.5	0.0	0.0	0.0	3.3
18	15.4	25.5	19.3	83.6	18.502	16.2	0.2	5.3	5.5	4.3
19	15.5	25.0	19.1	85.2	18.612	16.3	0.3	16.2	16.5	3.1
20	15.6	24.0	19.3	83.7	18.603	16.4	0.0	3.5	3.5	1.1
21	15.5	24.5	18.5	82.0	17.415	15.3	18.5	0.0	18.5	3.0
22	15.5	24.5	18.9	85.1	18.510	16.3	1.4	0.0	1.4	3.4
23	15.3	25.4	19.7	76.9	17.207	15.1	0.0	0.0	0.0	6.9
24	15.8	24.0	21.0	75.5	18.620	16.4	0.0	0.0	0.0	2.5
25	16.8	23.6	19.2	86.6	19.209	16.8	0.6	1.1	1.7	0.9
26	16.6	24.5	19.0	82.6	18.256	16.1	1.1	1.7	2.6	3.3
27	16.5	24.0	20.5	76.6	17.507	15.7	0.0	0.0	0.0	3.0
28	15.5	26.3	19.5	81.0	18.507	16.3	20.7	3.6	24.3	6.2
29	13.5	25.5	19.5	79.0	17.438	15.4	0.0	1.0	1.0	5.9
PROM.	15.7	24.9	19.6	81.3	18.297	16.1	71.3	82.4	153.7	100.3

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	15.4	23.5	20.4	75.7	17.608	15.5	0.0	0.0	0.0	7.0
2	15.6	26.1	21.0	72.9	17.604	15.4	0.0	0.0	0.0	4.3
3	17.0	23.8	19.1	83.2	18.616	16.4	5.6	0.0	5.6	2.1
4	15.5	24.0	18.6	81.5	17.460	15.4	0.0	7.4	7.4	3.0
5	15.5	22.3	18.3	87.4	18.275	16.1	1.6	2.6	4.2	0.4
6	14.5	25.0	19.2	80.0	17.468	15.3	0.0	0.0	0.0	4.3
7	14.5	24.5	20.0	77.1	17.773	15.6	0.0	0.0	0.0	5.5
8	14.8	26.3	20.7	74.5	17.723	15.6	0.0	0.0	0.0	5.6
9	15.8	26.5	21.6	77.2	19.065	16.7	0.0	0.0	0.0	4.7
10	15.8	27.0	20.7	77.7	18.560	16.3	0.0	0.0	0.0	6.0
11	14.5	26.0	20.4	76.5	18.201	16.0	0.0	0.0	0.0	4.8
12	16.5	27.0	21.1	78.5	19.564	17.2	0.0	0.0	0.0	3.1
13	16.5	26.5	20.8	77.5	18.871	16.6	0.0	0.0	0.0	3.5
14	17.0	22.5	19.5	88.2	19.504	17.4	0.0	0.0	0.0	0.0
15	15.8	26.0	20.6	80.1	19.100	16.8	0.0	1.9	1.9	3.5
16	15.8	26.0	22.0	76.6	19.557	17.2	0.2	0.1	0.3	3.4
17	16.3	24.3	22.0	83.2	19.317	16.9	0.0	4.7	4.7	1.1
18	16.5	21.4	18.1	88.5	18.376	16.2	0.3	0.0	0.3	1.7
19	15.6	23.5	18.4	87.1	18.630	16.4	0.4	0.0	0.4	1.8
20	14.5	26.0	20.4	75.0	17.740	15.6	0.0	0.0	0.0	6.8
21	15.5	26.1	20.7	77.6	18.505	16.3	0.0	0.3	0.3	5.3
22	16.5	25.0	19.6	85.7	19.360	16.5	1.3	0.0	1.3	2.4
23	16.5	22.5	22.5	73.7	16.003	16.7	0.0	0.0	0.0	6.7
24	16.0	21.6	21.6	78.6	16.325	16.9	0.0	0.0	0.0	6.8
25	17.0	21.1	21.1	84.8	20.550	18.2	0.4	0.0	0.4	2.1
26	17.0	21.2	21.2	80.2	20.006	17.6	0.0	0.0	0.0	5.5
27	16.3	22.1	22.1	73.7	19.052	16.8	0.0	0.0	0.0	7.3
28	17.3	21.9	21.9	72.4	18.672	16.4	0.0	0.0	0.0	6.9
29	16.5	21.6	21.6	75.6	19.059	16.7	0.0	1.2	1.2	5.8
30	17.5	21.3	21.3	78.3	19.604	17.3	0.0	0.2	0.2	3.1
31	16.6	27.5	21.1	75.5	18.460	16.2	0.0	0.0	0.0	5.5
PROM.	16.0	23.8	20.5	79.1	18.770	16.5	9.8	18.4	28.2	132.0

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	16.5	26.3	20.2	75.2	17.657	15.6	2.0	7.3	9.3	5.6
2	17.0	24.0	18.8	84.5	18.521	16.3	15.4	2.3	17.7	1.2
3	16.0	24.3	18.7	81.6	17.730	15.6	1.2	0.5	1.7	2.3
4	15.3	25.5	18.6	82.5	18.035	15.9	43.1	0.9	44.0	4.2
5	14.5	23.7	18.8	76.5	17.542	15.4	0.7	2.8	3.5	2.7
6	17.0	23.6	20.0	85.6	19.580	17.5	1.7	10.5	12.6	0.0
7	14.5	22.0	17.7	86.2	17.669	15.5	8.4	0.0	8.4	1.6
8	14.4	23.0	18.2	81.4	17.204	15.1	29.0	0.0	29.0	3.4
9	14.4	26.5	19.6	78.7	17.757	15.7	0.0	0.0	0.0	8.1
10	16.3	25.0	19.2	82.0	18.288	16.1	4.0	0.0	4.0	6.2
11	16.4	25.3	18.7	78.5	17.173	15.1	7.2	0.0	7.2	2.2
12	13.5	26.5	20.2	73.3	17.025	15.0	0.0	0.0	0.0	9.1
13	14.8	26.3	21.4	68.0	16.516	14.8	0.0	0.0	0.0	7.1
14	16.1	24.5	19.4	84.4	18.548	16.6	5.0	3.2	8.2	4.6
15	15.2	26.0	21.0	77.7	18.775	16.5	0.0	0.0	0.0	7.2
16	15.5	26.4	20.6	81.7	19.067	17.2	1.6	0.0	1.6	5.8
17	17.3	21.6	21.6	75.8	19.073	16.7	0.0	0.0	0.0	6.2
18	16.0	25.4	21.4	80.4	20.057	17.6	0.0	0.0	0.0	3.7
19	17.5	25.3	21.3	80.7	20.036	17.9	4.0	0.0	4.0	4.6
20	17.4	26.0	21.8	77.1	19.053	17.4	0.0	0.2	0.2	3.1
21	17.5	26.0	20.7	82.8	20.238	17.7	0.0	0.0	0.0	2.8
22	16.5	24.3	20.3	81.8	19.264	16.9	0.0	14.8	14.8	3.0
23	15.5	20.7	20.7	83.7	20.121	17.6	0.0	2.3	2.3	6.0
24	16.3	20.2	20.2	87.0	20.104	17.6	1.9	0.5	2.4	0.1
25	14.6	20.2	20.2	86.5	19.033	17.3	0.1	6.5	6.6	2.6
26	16.4	17.5	20.5	56.5	19.518	17.1	7.0	0.0	7.0	0.0
27	13.5	24.1	20.5	82.8	19.025	17.2	0.0	0.0	0.0	5.6
28	16.0	24.0	17.4	92.8	16.437	16.2	71.3	0.0	71.3	2.8
29	14.5	23.6	19.2	86.3	19.293	16.5	0.1	0.0	0.1	2.5
30	16.5	25.0	20.0	83.4	19.357	17.0	0.0	11.0	11.0	3.7
PROM.	15.7	24.6	19.8	82.2	18.614	16.5	199.7	63.2	262.9	121.2

ESTACION: HERACLIO URIBE
 ALTITUD: 1.540

MUNICIPIO: SEVILLA. AÑO: 1.980
 LATITUD: 4-16 N. LONGITUD: 75-55 W.

M E S - M A Y E

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	24.0	19.9	69.2	20.547	17.9	7.8	41.2	49.0	2.4
2	14.5	24.0	19.3	60.6	17.764	15.6	0.0	0.0	0.0	5.5
3	15.3	24.0	20.3	82.1	19.511	17.1	0.0	3.9	3.9	4.9
4	16.3	25.6	22.0	76.8	20.315	17.7	0.0	0.0	0.0	5.2
5	15.6	25.0	20.3	73.7	17.659	15.6	0.0	0.0	0.0	5.0
6	15.4	24.0	19.8	81.4	18.777	16.5	0.0	0.0	0.0	2.8
7	14.5	25.0	20.1	62.1	15.127	16.8	0.0	11.3	11.6	4.3
8	14.5	23.0	19.0	83.7	18.400	16.2	1.8	0.0	1.8	2.8
9	14.5	23.6	19.1	87.7	19.513	17.1	7.4	5.5	12.9	3.2
10	14.0	23.3	18.4	84.2	17.674	15.7	4.5	0.0	4.5	5.5
11	14.5	25.0	21.3	80.4	19.775	17.3	0.0	0.0	0.0	5.7
12	15.6	26.0	21.0	64.3	20.518	18.2	2.0	6.9	8.9	6.9
13	14.5	22.0	19.0	94.6	20.713	18.0	0.0	3.3	3.3	0.0
14	14.5	21.0	18.2	91.7	19.456	17.1	15.0	6.9	21.9	1.9
15	15.0	20.0	17.3	94.6	18.706	16.4	1.0	0.0	1.0	0.0
16	14.0	23.6	19.8	82.6	18.601	16.3	0.0	0.0	0.0	3.8
17	15.5	25.0	20.0	82.6	19.124	16.7	4.9	0.0	4.9	0.7
18	15.6	25.0	18.8	66.2	18.615	16.3	13.2	7.8	21.0	2.1
19	14.5	25.0	19.9	62.1	18.753	16.5	0.0	0.0	0.0	5.8
20	14.5	26.0	20.6	79.5	19.405	17.0	0.0	0.0	0.0	6.3
21	14.5	23.0	20.0	89.2	20.766	18.1	0.0	0.0	0.0	0.5
22	14.5	24.0	19.8	85.4	19.455	17.3	0.0	0.0	0.0	2.9
23	14.5	24.0	20.0	83.7	19.332	17.0	0.0	26.9	26.9	3.6
24	14.5	23.3	19.5	90.3	20.345	17.8	1.2	0.0	1.2	2.6
25	15.0	26.0	18.9	64.1	18.566	16.3	18.0	0.0	18.0	4.1
26	14.5	22.5	18.7	88.8	19.245	16.9	4.1	0.0	4.1	0.6
27	14.5	25.0	21.3	84.5	20.759	18.1	0.0	0.0	0.0	6.4
28	14.5	26.0	20.6	60.1	18.553	16.7	0.0	0.0	0.0	5.7
29	14.5	23.0	19.8	61.8	19.011	16.7	0.0	40.7	40.7	4.7
30	14.5	24.3	19.4	85.1	19.078	16.8	1.2	0.0	1.2	2.3
31	14.5	25.0	19.2	62.5	18.285	16.0	0.0	37.2	37.2	4.3
PROM.	14.8	24.2	19.7	84.4	19.284	16.9	82.4	191.6	274.0	112.7

M E S - J U N I O

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	19.0	16.8	92.4	17.752	15.6	19.9	3.7	23.6	0.0
2	14.5	19.0	16.6	96.2	18.046	15.9	4.3	0.0	4.3	0.0
3	13.5	25.0	19.0	85.5	16.356	16.1	0.0	0.0	0.0	6.3
4	15.0	25.0	20.2	63.2	19.756	17.4	0.0	0.0	0.0	5.4
5	15.0	24.0	16.8	65.0	18.661	16.4	1.4	0.0	1.4	2.3
6	15.0	25.0	20.0	81.4	18.977	16.7	0.0	1.6	1.6	4.1
7	14.5	26.0	21.3	76.6	19.576	17.4	0.0	0.0	0.0	6.5
8	15.0	26.0	21.7	80.4	20.626	18.0	0.0	0.0	0.0	5.3
9	14.5	25.0	20.3	82.4	19.365	17.0	0.0	7.9	7.9	5.0
10	14.5	21.0	18.4	89.7	19.055	16.7	3.3	2.1	5.4	0.4
11	14.0	23.0	18.2	84.9	17.775	15.6	4.5	6.0	10.5	1.8
12	15.0	21.0	17.4	64.7	19.013	16.7	15.9	15.6	31.5	0.2
13	15.0	21.5	16.8	93.9	17.511	15.7	0.3	0.0	0.3	0.8
14	13.5	26.0	20.5	79.5	18.046	16.4	0.0	0.0	0.0	6.5
15	15.0	26.0	22.5	68.6	18.662	16.4	0.0	0.0	0.0	9.1
16	14.5	26.0	20.9	79.2	19.162	16.8	0.0	0.0	0.0	7.8
17	14.5	25.0	19.4	64.1	19.244	16.5	25.2	0.0	25.2	6.0
18	14.5	24.0	19.3	66.8	19.355	17.0	0.0	0.0	0.0	3.5
19	14.5	22.0	19.2	89.2	19.658	17.4	1.0	4.9	5.9	0.6
20	14.5	21.0	17.7	51.3	16.456	16.3	0.0	0.0	0.0	0.7
21	14.5	26.0	19.9	82.4	18.672	16.6	0.0	0.1	0.1	8.7
22	14.6	26.0	21.3	75.5	18.306	16.1	0.0	0.0	0.0	5.6
23	14.5	26.0	20.9	75.4	18.604	16.4	0.0	0.0	0.0	7.3
24	14.5	26.0	22.0	60.3	20.757	18.1	0.0	0.0	0.0	7.6
25	15.8	24.5	20.6	61.5	19.705	17.3	0.0	0.8	0.8	2.5
26	15.0	22.0	18.9	63.6	18.100	15.5	0.0	0.0	0.0	1.2
27	16.5	28.0	21.2	67.2	18.605	14.5	0.0	0.0	0.0	8.0
28	14.5	28.0	22.7	64.0	16.242	14.1	0.0	0.0	0.0	9.3
29	15.0	26.0	21.8	73.3	18.426	16.2	0.0	0.0	0.0	7.9
30	14.5	24.5	19.5	72.2	16.488	14.3	0.0	1.2	1.2	4.0
PROM.	14.7	24.2	19.8	82.1	18.693	16.4	75.8	43.1	118.9	136.4

ESTACION: HERACLIO URIBE
 ALTITUD: 1.540

MUNICIPIO: SEVILLA
 LATITUD: 4-16 N.

AÑO: 1.980
 LONGITUD: 75-55 W.

M E S - J U L I O

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	77.3	17.572	15.4	0.0	0.0	0.0	6.5
2	14.5	26.5	22.0	75.7	17.754	15.6	0.3	0.0	0.3	5.9
3	15.0	26.5	20.5	65.0	17.269	15.1	0.0	0.0	0.0	9.0
4	15.0	25.5	21.8	75.5	15.157	16.8	0.0	0.0	0.0	7.0
5	15.0	26.5	21.8	64.1	17.123	15.0	0.0	0.0	0.0	8.8
6	16.0	27.0	22.5	64.4	16.622	14.6	0.0	0.0	0.0	8.1
7	15.0	27.0	22.5	62.2	16.557	16.3	1.2	0.0	1.2	6.1
8	14.5	26.0	20.0	78.4	15.417	16.2	0.1	12.6	12.7	5.9
9	14.3	23.0	20.1	77.9	18.430	16.2	0.0	2.8	2.8	4.3
10	14.0	22.0	18.6	63.4	17.600	15.7	9.1	11.8	20.9	3.7
11	13.5	23.0	18.5	61.5	17.266	15.2	0.0	0.0	0.0	4.7
12	14.5	24.5	20.2	77.0	17.601	15.6	0.0	0.0	0.0	6.0
13	15.0	25.0	19.5	79.5	17.352	15.3	0.0	0.0	0.0	4.7
14	14.5	26.0	20.2	78.2	16.077	15.9	0.0	0.0	0.0	7.2
15	14.5	25.0	19.6	62.1	18.736	16.5	0.0	0.0	0.0	4.5
16	14.5	26.0	20.7	77.0	18.143	15.9	0.0	0.0	0.0	6.5
17	14.5	25.0	21.1	74.9	18.346	16.1	0.0	0.0	0.0	6.4
18	14.5	26.0	20.9	77.6	18.571	16.7	0.0	0.0	0.0	7.0
19	14.0	25.0	19.8	79.3	16.068	15.9	0.0	0.0	0.0	6.7
20	15.6	24.0	18.4	82.5	17.414	15.3	0.0	0.0	0.0	3.4
21	15.0	23.0	18.3	91.5	18.878	16.6	20.7	0.0	20.7	3.5
22	15.0	25.0	19.8	81.7	16.650	16.6	0.3	0.2	0.5	3.6
23	14.5	25.0	18.9	84.2	18.220	16.1	0.7	1.2	1.9	4.5
24	14.5	25.0	18.7	82.7	17.653	15.6	0.0	0.0	0.0	1.7
25	14.0	23.0	18.5	84.6	18.263	16.1	9.9	0.0	9.9	5.2
26	14.5	25.0	19.4	81.3	18.303	16.1	0.0	0.0	0.0	5.7
27	14.5	25.0	19.7	78.3	18.661	16.6	0.0	1.4	1.4	4.3
28	14.5	25.0	19.0	61.0	18.144	16.0	0.0	0.2	0.2	6.1
29	14.0	26.0	20.3	75.9	17.736	15.6	0.0	0.0	0.0	8.0
30	14.5	26.0	19.6	60.3	19.342	17.0	0.0	0.0	0.0	6.5
31	14.5	26.0	20.8	63.1	15.341	17.0	2.2	0.0	2.2	5.5
PROM.	14.6	25.2	20.1	78.7	16.152	16.0	44.5	30.2	74.7	177.0

M E S - A G O S T O

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	19.6	62.3	16.616	16.4	0.0	0.0	0.0	3.8
2	14.0	27.0	20.9	73.5	17.637	15.7	0.0	0.0	0.0	7.6
3	15.0	25.0	20.9	73.0	17.768	15.6	0.0	0.0	0.0	5.2
4	15.0	25.0	19.0	65.5	18.769	16.5	3.4	0.7	4.1	1.5
5	14.5	25.0	19.3	77.6	17.155	15.1	27.1	0.0	27.1	2.9
6	14.5	24.0	19.1	86.3	16.541	16.6	0.0	0.1	0.1	4.4
7	15.0	24.5	18.5	87.4	16.811	16.5	0.0	0.0	0.0	1.1
8	14.5	24.0	18.6	91.6	15.426	17.0	4.1	0.0	4.1	0.8
9	14.5	24.0	19.2	84.3	18.225	16.0	9.2	0.0	9.2	3.7
10	15.0	26.0	21.3	74.7	16.305	16.1	0.0	0.2	0.2	6.9
11	14.5	27.0	21.6	72.1	17.558	15.8	0.0	0.0	0.0	7.8
12	15.0	27.0	20.4	75.0	17.445	15.4	0.0	0.0	0.0	6.9
13	15.0	27.0	21.4	70.6	17.261	15.1	0.0	0.5	0.5	5.0
14	14.5	25.0	20.0	75.0	16.376	16.2	0.0	0.0	0.0	5.3
15	14.5	26.0	21.2	73.3	17.765	15.6	0.3	1.0	1.3	5.0
16	15.0	25.0	20.6	73.6	17.467	15.3	0.2	0.0	0.2	2.7
17	15.0	26.0	21.5	75.2	16.458	16.3	0.2	1.2	1.4	7.4
18	15.0	26.0	18.6	63.2	17.477	15.4	2.4	0.0	2.4	1.0
19	15.0	24.0	19.3	82.6	16.374	16.2	0.0	0.0	0.0	2.1
20	15.0	23.5	18.6	61.9	17.531	15.4	4.1	0.0	4.1	3.4
21	14.5	24.0	19.3	78.7	17.371	15.3	0.0	0.0	0.0	5.9
22	14.5	26.0	19.6	76.9	17.026	15.0	0.0	1.8	1.8	5.4
23	14.5	27.0	21.8	58.5	14.017	11.6	0.0	0.0	0.0	7.4
24	14.5	26.0	22.2	53.4	13.620	11.2	0.0	0.0	0.0	9.2
25	14.5	26.0	21.1	70.6	16.579	14.9	0.0	0.0	0.0	9.1
26	14.0	26.0	21.5	73.1	17.466	15.4	0.0	0.0	0.0	6.5
27	14.5	26.0	20.8	60.7	14.566	12.3	0.0	0.0	0.0	5.2
28	14.5	26.0	20.8	65.7	15.646	13.6	0.0	0.0	0.0	6.1
29	14.1	26.0	18.8	63.7	16.252	16.1	2.7	0.0	2.7	2.8
30	14.5	26.0	20.4	77.0	17.558	15.8	0.0	0.0	0.0	7.3
31	15.0	27.0	20.5	71.2	16.656	14.8	2.6	9.6	12.2	5.7
PROM	14.6	25.6	20.2	75.8	17.461	15.3	56.3	15.1	71.4	159.1

ESTACION: HERACLIO URIBE
 ALTITUD: 1.540

MUNICIPIO: SEVILLA
 LATITUD: 4-16 N.

AÑO: 1.980
 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	15.1	24.0	18.7	81.2	17.450	15.3	0.4	0.2	0.6	2.0
2	14.5	25.0	18.8	85.0	18.486	16.2	0.0	0.0	0.0	6.0
3	14.0	25.0	15.4	82.0	18.166	16.0	0.0	0.0	0.0	6.0
4	15.0	27.0	20.5	76.4	18.143	16.0	0.0	12.7	12.7	4.2
5	15.0	25.5	20.3	71.2	16.348	14.3	0.1	0.0	0.1	5.9
6	14.5	28.0	20.4	78.5	18.552	16.3	0.0	0.0	0.0	5.7
7	15.0	27.0	21.8	71.3	18.168	16.0	0.0	0.0	0.0	6.3
8	14.5	27.0	21.6	76.5	19.229	17.1	0.0	0.0	0.0	4.7
9	15.0	26.0	20.8	76.6	18.299	16.0	0.0	0.0	0.0	4.6
10	14.5	27.0	20.6	70.1	16.252	14.3	0.1	0.0	0.1	6.7
11	14.5	26.5	20.3	70.7	16.470	14.4	0.0	0.0	0.0	5.1
12	14.5	25.0	21.3	74.8	16.756	16.5	0.0	0.0	0.0	3.8
13	14.0	28.0	21.1	75.5	18.630	16.3	0.0	0.0	0.0	6.1
14	14.0	24.0	20.7	83.0	19.644	17.4	0.0	0.4	0.4	0.4
15	14.0	21.0	17.4	96.3	19.611	17.1	35.3	0.5	35.8	0.1
16	14.0	21.0	16.9	77.8	16.652	14.8	0.0	0.0	0.0	4.2
17	14.0	20.0	20.5	76.5	16.154	16.0	0.0	0.0	0.0	5.9
18	14.0	25.0	18.6	83.7	18.171	16.0	1.2	13.8	15.0	3.6
19	13.5	22.0	18.3	86.4	17.521	15.8	0.7	1.8	2.5	1.7
20	14.0	24.0	19.9	77.5	17.650	15.7	0.0	0.0	0.0	4.5
21	15.0	22.0	18.3	89.4	18.721	16.5	1.9	0.0	1.9	0.0
22	14.5	24.0	19.1	77.6	16.545	14.9	0.0	0.0	0.0	2.1
23	14.5	26.0	19.9	78.9	16.154	16.0	0.0	0.0	0.0	5.8
24	15.0	27.0	20.6	78.4	16.757	16.5	0.0	0.0	0.0	4.1
25	14.5	26.0	20.0	76.7	17.788	15.6	0.0	0.0	0.0	4.4
26	14.0	24.0	19.7	81.6	16.655	16.4	0.0	0.0	0.0	3.0
27	14.0	25.0	20.1	80.4	18.603	16.5	0.0	2.4	2.4	2.9
28	14.0	24.0	19.5	77.3	16.511	14.8	11.2	0.7	11.9	1.9
29	14.0	25.0	19.5	80.1	17.556	15.8	0.1	3.5	3.6	3.9
30	15.0	23.0	18.6	85.0	18.103	15.9	0.0	0.0	0.0	2.9
PROM.	14.4	23.0	19.8	79.3	18.069	15.9	51.0	36.0	87.0	119.2

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	14.5	23.5	18.7	85.0	16.438	16.2	0.5	0.0	0.5	2.5
2	14.5	25.0	19.7	83.9	19.044	16.7	0.0	0.0	0.0	3.3
3	14.5	25.0	19.2	86.5	19.354	17.0	0.8	27.5	28.3	3.4
4	13.6	23.0	16.7	86.2	18.610	16.3	0.0	0.0	0.0	2.2
5	14.0	22.5	19.5	81.4	18.051	15.9	2.2	24.3	26.5	0.7
6	14.5	22.0	17.6	90.1	18.132	16.0	1.8	39.5	41.3	0.2
7	14.5	22.0	17.3	87.3	17.358	15.3	1.9	0.9	2.8	2.1
8	14.0	23.0	18.1	87.9	18.048	15.8	2.1	0.0	2.1	2.3
9	14.0	24.0	19.1	81.4	17.697	15.6	0.0	17.9	17.9	0.7
10	14.0	21.0	17.8	86.6	17.600	15.5	1.2	0.1	1.3	2.5
11	14.0	24.0	19.4	80.6	17.777	15.6	0.0	3.5	3.5	4.5
12	14.0	22.0	19.6	82.2	18.233	16.0	0.0	0.0	0.0	2.5
13	14.0	25.5	19.5	82.7	18.074	16.4	0.0	0.0	0.0	5.6
14	15.5	24.0	19.0	81.6	18.024	15.5	0.0	0.0	0.0	2.7
15	14.5	24.0	17.5	87.6	17.641	15.5	13.3	1.1	14.4	3.4
16	14.5	24.0	18.2	85.4	17.597	15.8	18.6	0.0	18.6	3.9
17	14.5	21.0	17.1	94.7	18.557	16.3	4.1	1.9	6.0	0.6
18	14.5	21.0	17.4	94.0	18.647	16.6	4.4	0.1	4.5	0.4
19	14.5	23.0	17.3	83.5	16.495	14.4	0.0	0.0	0.0	1.5
20	15.0	22.0	16.7	91.9	17.459	14.5	15.8	0.0	15.8	0.0
21	14.0	22.0	18.7	78.0	16.565	14.5	2.2	0.0	2.2	3.2
22	14.0	26.0	19.8	79.7	18.350	16.1	0.0	0.0	0.0	6.8
23	14.0	21.0	19.3	87.9	19.611	17.2	0.0	0.0	0.0	1.6
24	14.5	24.0	19.3	86.0	19.065	16.2	0.0	0.0	0.0	2.4
25	14.5	25.0	18.3	87.3	18.679	16.4	34.2	0.0	34.2	2.6
26	14.5	24.0	20.0	87.8	20.264	17.7	0.5	0.0	0.5	1.4
27	14.5	24.0	19.0	88.6	19.382	16.9	0.9	0.0	0.9	2.4
28	15.0	26.0	20.1	80.3	18.555	16.3	0.0	0.5	0.5	4.8
29	15.0	20.0	17.7	91.7	18.677	16.6	34.8	0.0	34.8	0.0
30	14.5	25.0	19.0	83.3	17.633	15.5	0.5	0.0	0.5	6.2
31	14.0	25.0	19.0	85.0	18.739	16.5	1.6	0.0	1.6	4.0
PROM	14.4	23.5	18.6	85.7	18.327	16.1	146.6	117.3	263.9	81.5

ESTACION: HERACLIO URIBE

MUNICIPIO: SEVILLA

AÑO: 1.980

ALTITUD: 1.540

LATITUD: 4-16 N.

LONGITUD: 75-55 W.

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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	25.0	21.2	81.0	19.641	17.4	0.0	16.8	16.8	6.2
2	15.0	23.0	19.3	86.6	19.101	16.8	0.0	0.2	0.2	0.4
3	14.5	23.0	18.1	85.4	18.079	15.9	23.1	0.2	23.3	5.3
4	14.5	23.0	18.5	86.0	18.657	16.5	0.3	8.0	8.3	2.7
5	14.5	22.0	17.0	91.5	17.577	15.6	33.5	0.2	33.7	0.7
6	14.5	24.0	19.0	80.3	17.711	15.6	0.0	2.4	2.4	3.9
7	14.5	24.0	18.7	86.1	18.641	16.4	0.0	0.6	0.6	2.9
8	14.5	23.5	18.5	81.5	17.473	15.4	0.0	0.0	0.0	4.8
9	14.0	24.0	18.8	78.3	18.555	14.9	0.0	0.2	0.2	6.6
10	14.0	24.5	19.0	82.0	18.006	15.8	0.0	0.6	0.6	6.4
11	14.5	24.0	20.5	78.2	18.434	16.2	0.0	6.3	6.3	2.7
12	14.5	21.5	16.4	90.3	18.159	16.8	0.0	0.0	0.0	0.0
13	14.5	23.0	16.9	85.2	18.472	16.3	0.0	5.8	5.8	3.5
14	14.0	23.0	17.8	86.2	17.540	15.4	6.0	0.0	6.0	1.0
15	14.5	23.0	18.5	87.4	18.730	16.5	5.8	21.2	27.0	1.9
16	14.5	23.0	19.4	79.3	17.714	15.6	0.0	0.0	0.0	4.4
17	14.5	25.0	19.4	79.3	17.645	15.5	0.0	0.0	0.0	7.0
18	14.5	22.0	18.7	85.0	18.411	16.2	0.0	0.0	0.0	1.9
19	14.5	24.0	18.5	83.0	17.645	15.5	0.0	0.0	0.0	5.4
20	14.0	24.0	16.7	83.1	17.662	15.7	0.0	2.4	2.4	3.2
21	14.0	23.0	15.2	87.8	18.470	17.1	0.0	0.0	0.0	1.6
22	14.5	23.0	18.7	85.0	18.367	16.1	0.3	3.1	3.4	1.7
23	14.5	23.0	19.8	85.7	18.285	16.5	0.0	26.2	26.2	0.9
24	14.0	22.0	17.8	92.0	18.611	16.5	5.5	0.2	5.7	0.2
25	14.0	24.0	19.0	85.1	18.526	16.3	0.0	0.6	0.6	5.0
26	15.0	24.6	19.7	84.2	18.201	16.8	0.4	0.0	0.4	2.3
27	16.0	24.2	19.7	85.5	18.655	17.2	0.0	0.2	0.2	1.8
28	16.1	24.5	20.2	83.4	18.553	17.1	0.0	0.0	0.0	3.5
29	15.3	22.6	18.0	87.8	18.616	16.4	27.7	0.0	27.7	1.1
30	15.0	23.5	19.3	83.6	18.220	16.0	0.0	0.0	0.0	2.5
PROM.	14.6	23.5	19.0	84.6	18.462	16.2	103.1	95.5	198.6	91.5

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	16.5	22.3	18.1	85.3	18.169	15.9	2.8	0.0	2.8	2.2
2	14.5	22.5	19.5	79.6	17.761	15.6	0.0	0.7	0.7	6.7
3	16.5	23.3	18.8	88.4	18.261	16.9	22.6	6.1	28.7	2.4
4	14.5	23.0	18.0	86.4	18.754	16.5	1.1	36.0	37.1	2.2
5	14.6	24.4	18.7	82.4	17.576	15.4	0.0	0.0	0.0	6.5
6	15.5	24.4	20.3	77.6	18.610	16.3	0.0	0.0	0.0	3.9
7	16.8	24.3	20.7	84.6	20.516	17.9	0.0	0.0	0.0	0.8
8	16.5	22.0	18.5	84.2	20.367	17.8	0.2	0.0	0.2	0.8
9	16.5	23.0	18.8	87.8	19.060	16.7	0.0	0.0	0.0	1.3
10	15.3	25.0	19.6	84.3	18.549	16.6	0.0	0.0	0.0	4.4
11	15.6	24.4	18.9	85.6	18.771	16.5	7.6	0.0	7.6	2.7
12	15.6	24.4	19.4	84.5	18.153	16.9	0.2	1.4	1.6	3.6
13	16.5	24.0	18.7	91.6	18.576	17.1	0.0	0.0	0.0	3.0
14	15.3	24.1	19.6	79.1	17.664	15.7	0.2	10.4	10.6	3.9
15	15.5	22.5	18.3	88.2	18.521	16.3	0.0	0.0	0.0	3.1
16	14.5	22.0	16.7	86.2	18.576	16.3	0.0	17.0	17.0	1.7
17	14.5	21.0	17.3	92.5	18.450	16.2	7.0	0.0	7.0	6.0
18	14.5	24.0	18.6	84.0	17.773	15.6	0.0	0.0	0.0	4.0
19	14.5	23.1	19.6	83.4	18.554	16.3	0.1	4.3	4.4	2.4
20	15.5	23.1	18.3	85.4	17.648	15.5	0.0	0.0	0.0	3.5
21	14.5	23.2	18.0	84.6	17.404	15.3	0.0	0.0	0.0	2.3
22	14.6	24.0	18.5	86.1	18.410	16.2	0.0	0.0	0.0	3.2
23	15.0	24.1	19.5	87.0	18.667	17.2	0.0	1.6	1.6	2.9
24	15.4	23.0	19.0	88.0	18.256	16.5	0.2	31.1	31.3	3.2
25	14.5	22.0	16.3	92.3	17.404	15.3	4.6	4.8	9.4	2.4
26	13.5	23.0	17.8	88.6	18.031	15.5	0.8	0.0	0.8	2.3
27	14.5	23.5	18.0	83.5	17.593	15.3	0.0	5.4	5.4	5.7
28	13.4	23.5	17.1	85.6	18.553	14.9	27.1	0.0	27.1	1.7
29	13.4	24.0	17.5	86.5	17.554	15.4	0.0	0.0	0.0	4.9
30	14.6	23.0	18.4	86.5	18.275	16.1	0.0	10.4	10.4	0.2
31	14.5	23.3	17.7	89.5	18.101	15.5	0.4	0.0	0.4	0.8
PROM.	15.1	23.2	18.6	86.2	18.465	16.2	74.9	129.2	204.1	90.4

ESTACION: HERACLIO URIBE

MUNICIPIO SEVILLA

AÑO: 1.580

ALTITUD: 1.540

LATITUD: 4-16 N.

LONGITUD: 75-55 W.

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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	15.9	24.5	19.7	14.5	28.0	80.7	18.341	16.1	102.2	12	101.5
FEBRERO	15.7	24.5	19.6	13.5	26.5	81.3	18.257	16.1	153.7	18	100.3
MARZO	16.0	25.8	20.5	14.5	25.0	75.1	18.770	16.5	28.2	13	132.0
ABRIL	15.7	24.6	19.8	13.5	27.3	82.2	18.814	16.5	262.9	21	121.2
MAYO	14.8	24.2	19.7	14.0	26.0	84.4	15.284	16.9	274.0	19	112.7
JUNIO	14.7	24.2	19.8	13.5	26.0	82.1	18.653	16.4	118.5	13	136.4
JULIO	14.6	25.2	20.1	13.5	26.0	78.7	18.152	16.0	74.7	12	177.0
AGOSTO	14.6	25.6	20.2	14.0	25.0	75.8	17.481	15.3	71.4	15	155.1
SEPTIEMBRE	14.4	23.0	19.8	13.5	26.0	75.3	18.089	15.9	87.0	12	115.2
OCTUBRE	14.4	23.5	18.6	13.8	26.0	85.7	18.327	16.1	263.5	23	81.5
NOVIEMBRE	14.6	23.5	19.0	14.0	25.0	84.6	18.462	16.2	198.6	21	51.5
NOVIEMBRE	15.1	23.2	18.6	13.3	25.0	86.2	18.469	16.2	204.1	19	90.4
PHOMEDIO	15.0	24.5	19.6	13.8	27.2	81.7	18.432	16.2			
TOTAL									1835.6	156	1422.8

ESTACION: MANUEL MALLAFINO

MUNICIPIO: TFOJILLO

AÑO: 1980

ALTITUD: 1.3EC

LATITUD: 4-10 N.

LONGITUD: 76-21 W.

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M E S - ENERC

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	25.0	19.5	80.9	18.255	16.1	0.4	6.8	7.2	5.5
2	16.8	25.0	20.4	85.5	20.533	17.9	0.3	0.0	0.3	3.5
3	16.8	26.4	21.2	78.5	15.729	17.3	0.0	2.5	2.5	5.3
4	16.3	26.5	21.1	72.6	18.004	15.9	0.0	0.0	0.0	7.1
5	16.4	26.5	21.2	76.3	18.627	16.5	0.0	0.0	0.0	7.3
6	16.6	28.5	22.5	76.0	20.250	17.7	0.0	0.0	0.0	5.5
7	17.2	27.5	21.9	74.7	19.321	17.0	0.0	0.0	0.0	5.2
8	17.0	27.5	22.3	73.1	19.211	16.8	0.0	0.0	0.0	6.0
9	17.6	27.5	22.3	72.5	15.146	16.8	0.0	0.0	0.0	6.6
10	17.6	27.0	22.0	72.7	16.755	16.5	0.0	0.0	0.0	5.9
11	17.4	24.5	20.9	61.6	20.155	17.6	1.4	0.0	1.4	3.2
12	17.8	26.0	20.6	79.3	15.166	16.6	0.1	5.3	5.4	4.5
13	17.2	25.5	20.7	80.0	15.356	17.0	0.3	0.0	0.3	3.0
14	16.4	27.5	20.2	81.5	16.559	16.6	0.3	0.1	0.4	5.0
15	17.4	25.0	20.6	73.5	17.723	15.6	0.0	2.6	2.6	0.5
16	17.0	26.0	20.9	76.7	18.621	16.3	0.0	0.0	0.0	4.5
17	16.4	25.0	20.5	77.9	18.550	16.4	0.0	0.0	0.0	3.2
18	17.3	26.5	21.6	75.7	15.440	17.1	0.0	7.6	7.6	4.7
19	17.2	25.0	20.2	83.7	20.036	17.6	1.5	0.0	1.5	5.8
20	16.3	27.0	21.5	76.9	15.332	16.9	0.0	0.0	0.0	5.6
21	16.4	26.3	20.7	74.5	17.610	15.4	0.0	0.0	0.0	4.6
22	16.4	28.8	22.9	74.6	20.106	17.4	0.0	0.0	0.0	8.8
23	17.5	27.5	22.5	77.5	21.006	18.3	0.0	0.0	0.0	3.7
24	17.4	27.8	23.3	76.5	20.147	17.5	0.0	0.0	0.0	5.6
25	17.4	30.0	23.7	66.2	18.521	16.3	0.0	0.0	0.0	5.1
26	18.0	25.3	23.6	77.1	22.215	15.2	0.0	0.0	0.0	0.0
27	17.4	30.0	22.4	81.3	21.525	16.5	0.0	0.0	0.0	8.2
28	18.2	25.0	20.1	79.7	18.666	16.4	0.0	20.0	20.0	2.9
29	16.6	25.3	19.9	77.4	17.730	15.6	0.5	0.0	0.5	3.8
30	16.4	23.5	18.6	84.6	18.164	16.0	0.0	11.0	11.0	0.4
31	16.0	24.8	19.6	82.8	18.468	16.1	0.0	0.0	0.0	4.6
PROM.	17.0	26.6	21.2	77.5	19.204	16.9	4.8	55.9	60.7	153.4

M E S - FEBRER

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	20.3	78.1	18.467	16.2	1.8	2.7	4.5	4.0
2	17.3	24.5	20.5	79.4	18.573	16.6	0.0	0.0	0.0	1.9
3	17.3	24.5	19.6	60.7	18.602	16.3	27.1	0.1	27.2	0.5
4	17.2	22.0	18.7	45.2	18.503	16.3	0.0	0.0	0.0	0.2
5	14.6	25.5	19.6	80.3	18.060	15.9	0.0	0.0	0.0	3.5
6	15.7	26.3	20.3	80.5	15.014	16.7	0.0	0.0	0.0	4.6
7	17.2	27.0	20.9	76.1	18.445	16.2	0.0	0.0	0.0	4.3
8	16.2	27.5	21.1	75.6	18.657	16.4	0.0	0.0	0.0	6.8
9	18.2	26.0	21.7	74.0	18.502	16.6	3.2	0.7	3.9	6.0
10	18.0	28.0	21.7	74.4	19.102	16.8	0.0	0.0	0.0	7.4
11	18.0	28.0	21.8	75.4	19.221	16.8	0.0	0.0	0.0	7.2
12	17.4	28.5	22.6	72.5	19.455	17.0	0.0	0.0	0.0	8.1
13	18.4	29.0	22.3	79.2	20.645	16.1	0.0	0.0	0.0	9.1
14	17.4	26.5	22.1	76.2	20.000	17.5	0.0	0.0	0.0	8.6
15	17.4	27.6	22.3	79.1	20.555	16.3	0.0	0.0	0.0	6.8
16	18.0	25.5	20.7	79.4	15.219	16.9	7.0	1.9	8.5	2.5
17	17.3	25.8	20.2	77.0	17.500	15.7	0.0	0.0	0.0	3.9
18	17.0	30.0	22.3	72.0	16.454	16.4	0.0	0.0	0.0	6.9
19	17.4	26.5	21.8	76.5	15.462	17.1	0.3	2.1	2.4	3.5
20	17.8	26.8	20.3	82.3	15.553	17.0	5.4	11.6	17.0	3.5
21	18.0	26.3	21.4	83.3	21.111	16.3	3.0	0.5	3.5	2.5
22	18.2	26.0	22.4	75.0	19.501	17.4	0.0	0.0	0.0	7.5
23	18.2	27.5	21.9	72.4	18.551	16.3	0.0	0.0	0.0	8.8
24	17.4	27.4	21.9	74.6	15.143	16.8	6.0	0.0	6.0	4.2
25	17.6	26.4	22.1	76.7	20.110	17.6	0.0	0.0	0.0	2.2
26	17.4	26.6	22.1	72.4	18.675	16.2	0.0	0.0	0.0	3.2
27	17.8	29.5	22.4	72.6	19.079	16.8	0.0	0.0	0.0	7.1
28	18.4	26.6	22.5	74.5	19.512	17.4	0.0	0.2	0.2	6.9
29	16.6	27.6	22.4	72.6	15.162	16.8	0.0	0.0	0.0	6.6
PROM.	17.4	26.9	21.4	76.9	19.234	16.8	53.8	20.4	74.2	146.3

ESTACION: MANUEL MALLARINO
 ALTITUD: 1.320

MUNICIPIO: TRUJILLO
 LATITUD: ← 10 N.

AÑO: 1980
 LONGITUD: 76-21 W.

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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	18.0	27.8	22.3	73.5	19.252	16.9	0.0	0.0	0.0	8.3
2	18.3	28.0	22.5	70.4	18.534	16.2	0.0	0.0	0.0	7.6
3	17.4	26.4	21.4	79.5	20.057	17.6	0.0	0.0	0.0	4.1
4	18.4	27.5	22.1	71.8	18.627	16.5	0.0	4.5	4.5	6.2
5	18.4	26.5	21.3	83.5	21.164	18.4	6.2	0.0	6.2	3.0
6	18.4	27.5	22.3	74.1	19.311	16.9	0.0	0.0	0.0	6.5
7	16.4	28.8	22.6	70.1	18.537	16.2	0.0	0.0	0.0	8.3
8	17.4	29.5	23.3	71.4	19.755	17.3	0.0	0.0	0.0	7.7
9	17.6	29.5	23.2	74.5	20.565	17.9	0.0	0.0	0.0	7.1
10	17.6	29.8	22.6	75.6	19.553	17.5	0.0	0.0	0.0	7.2
11	18.4	30.0	23.2	74.9	20.755	18.1	0.0	0.0	0.0	7.2
12	19.3	29.5	23.3	69.8	19.542	17.1	0.0	0.0	0.0	8.2
13	18.4	29.4	23.9	71.1	20.187	17.6	0.0	0.0	0.0	7.0
14	19.6	25.8	21.8	83.1	21.546	18.7	0.0	0.0	0.0	5.8
15	18.4	28.6	23.4	74.0	20.643	18.0	0.0	0.0	0.0	5.3
16	18.4	29.3	23.7	74.5	21.234	18.5	0.0	0.0	0.0	6.7
17	18.0	27.5	22.2	77.9	20.572	18.0	0.0	5.0	5.0	1.3
18	18.0	24.5	19.6	89.1	20.530	17.9	6.9	0.0	6.9	2.2
19	18.2	27.5	21.7	75.9	19.684	17.2	16.8	0.0	16.8	4.5
20	17.3	29.5	23.2	73.2	19.541	17.4	0.0	0.0	0.0	9.4
21	18.4	29.8	23.4	74.5	20.648	17.9	0.0	0.0	0.0	5.9
22	18.4	27.9	21.6	81.6	20.400	17.8	1.5	0.0	1.5	4.8
23	18.2	30.2	23.4	71.8	20.015	17.5	0.0	0.0	0.0	6.6
24	19.4	31.8	24.1	70.0	20.455	17.8	0.0	0.5	0.5	9.5
25	19.8	29.5	23.6	76.5	21.752	18.9	0.2	0.0	0.2	6.1
26	18.2	30.5	23.6	75.5	21.415	18.5	6.1	0.0	6.1	7.2
27	17.6	31.5	23.9	71.1	20.323	17.8	0.0	0.0	0.0	9.3
28	17.2	30.6	24.5	71.1	21.161	18.4	0.0	0.0	0.0	2.3
29	17.6	30.3	23.5	71.4	20.261	17.7	0.0	11.8	11.8	6.3
30	17.4	29.1	22.1	79.4	21.036	18.3	0.0	0.0	0.0	1.1
31	16.7	30.0	23.8	74.4	21.274	18.4	0.0	0.0	0.0	6.6
PROM.	18.1	28.8	22.8	75.0	20.308	17.7	37.7	21.8	59.5	199.7

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	18.4	30.5	24.1	72.1	21.120	18.3	0.0	0.0	0.0	8.0
2	18.8	27.8	21.1	61.5	20.404	17.8	62.5	4.3	66.8	2.3
3	16.8	26.4	22.3	77.5	20.470	17.8	0.0	0.0	0.0	4.4
4	18.0	28.8	23.1	75.4	20.570	18.2	1.3	2.9	4.2	5.4
5	17.4	27.5	23.2	73.0	20.412	17.8	0.0	0.7	0.7	5.0
6	18.4	24.1	21.3	82.1	20.529	18.2	12.3	0.0	12.3	0.7
7	18.0	25.5	21.4	83.2	21.068	18.3	12.8	0.0	12.8	1.8
8	17.2	26.5	21.5	74.7	18.524	16.6	0.0	0.0	0.0	3.9
9	17.0	27.8	23.3	67.3	18.546	16.3	0.0	0.0	0.0	8.0
10	18.2	27.4	22.4	69.5	18.274	16.0	0.0	0.0	0.0	4.1
11	18.4	27.8	22.4	68.5	17.545	15.8	0.0	0.0	0.0	8.0
12	18.6	28.8	22.3	67.5	17.658	15.5	0.0	0.0	0.0	9.4
13	18.0	29.2	23.3	66.9	18.413	16.2	0.0	0.0	0.0	1.4
14	18.0	27.5	21.9	81.7	21.411	18.6	0.0	0.0	0.0	5.1
15	18.3	28.1	22.9	73.7	20.026	17.5	0.0	0.0	0.0	8.1
16	18.6	29.1	24.0	71.0	20.166	17.6	0.0	0.0	0.0	6.1
17	18.6	29.6	24.4	68.6	20.225	17.7	0.0	0.0	0.0	6.8
18	18.8	28.5	24.2	70.9	20.642	18.2	0.0	0.0	0.0	4.9
19	19.2	28.6	23.7	71.8	20.645	18.0	0.0	0.0	0.0	5.9
20	19.3	28.6	23.6	72.0	20.501	18.2	0.0	1.6	1.6	3.3
21	17.6	28.0	23.6	76.3	21.622	18.9	1.6	0.1	1.7	4.1
22	17.6	27.1	22.7	76.3	20.721	18.1	0.0	3.8	3.8	3.4
23	18.4	28.8	22.9	79.2	21.545	18.9	1.7	7.0	8.7	4.5
24	19.6	24.6	21.3	88.6	22.508	19.4	2.0	4.4	6.4	0.5
25	16.2	26.4	21.8	83.4	21.520	18.7	0.0	5.8	5.8	5.4
26	18.8	23.0	20.1	92.5	21.782	18.9	6.3	0.0	6.3	5.7
27	15.2	28.5	22.4	75.5	19.965	17.4	0.0	35.9	35.9	10.0
28	17.8	28.3	22.3	79.3	21.656	18.7	0.2	0.0	0.2	4.2
29	17.6	26.3	21.5	82.8	20.525	18.2	3.4	0.0	3.4	2.1
30	17.2	29.3	23.7	71.0	20.453	17.9	0.0	9.4	9.4	8.0
PROM.	18.0	27.6	22.6	75.6	20.424	17.8	104.1	75.9	180.0	151.5

ESTACION: MANUEL MALLARINO
 ALTITUD: 1.360

MUNICIPIO: TRUJILLO
 LATITUD: 4-10 N.

AÑO: 1.980
 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	18.2	24.7	20.7	58.3	21.353	18.6	21.4	17.9	39.3	2.2
2	16.2	26.4	21.7	77.6	15.636	17.2	0.0	0.0	0.0	6.4
3	17.4	27.5	22.5	72.1	15.624	17.2	0.0	0.0	0.0	6.4
4	18.2	28.8	23.6	75.4	21.421	18.6	0.0	0.0	0.0	7.3
5	17.2	27.7	22.7	73.0	20.571	18.3	0.0	0.0	0.0	6.8
6	18.2	27.5	22.5	77.4	20.144	18.4	0.0	0.0	0.0	0.1
7	17.6	27.4	22.6	75.5	20.263	17.7	0.0	2.0	2.0	6.2
8	18.6	25.4	22.7	82.6	20.374	18.5	0.9	1.4	2.3	1.5
9	16.2	26.8	21.4	65.1	21.404	18.6	0.0	0.0	0.0	7.8
10	17.4	27.5	21.6	76.1	15.652	17.2	0.0	0.0	0.0	5.5
11	17.0	28.0	22.1	82.1	21.750	18.8	0.0	0.0	0.0	6.0
12	18.0	28.0	23.9	71.8	21.141	18.4	0.0	40.9	40.9	0.0
13	18.5	24.7	21.0	69.1	21.665	18.9	0.0	0.0	0.0	2.2
14	18.7	25.6	21.4	64.6	21.654	18.9	0.9	0.0	0.9	3.2
15	17.5	23.3	19.9	55.7	22.232	15.1	13.9	0.0	13.9	4.7
16	16.4	26.9	22.0	77.5	20.336	17.7	0.0	0.0	0.0	4.7
17	18.2	26.5	22.1	86.1	22.565	15.7	0.0	2.7	2.7	2.2
18	19.4	26.6	21.6	84.5	21.759	18.6	4.9	2.1	7.0	2.2
19	16.4	23.5	21.6	77.9	15.652	17.2	0.0	0.0	0.0	5.5
20	17.0	23.7	22.4	71.7	15.488	17.1	0.0	0.0	0.0	5.5
21	18.0	23.8	22.4	63.2	22.225	15.2	0.0	0.0	0.0	1.2
22	18.9	23.8	22.3	77.2	20.720	18.1	0.0	0.0	0.0	4.7
23	18.4	26.0	22.2	76.5	18.656	16.3	0.0	0.0	0.0	6.0
24	18.6	27.3	21.9	71.8	15.655	17.3	0.0	0.0	0.0	2.7
25	17.4	23.3	22.6	80.8	21.058	16.8	30.3	0.0	30.3	3.5
26	17.5	26.0	21.7	79.5	20.058	17.5	0.0	0.0	0.0	4.1
27	17.7	25.3	21.3	72.6	20.125	17.6	0.0	0.0	0.0	7.3
28	18.4	25.4	21.6	69.1	20.605	17.5	0.0	0.0	0.0	7.0
29	18.6	25.5	22.4	70.7	18.607	16.5	0.1	6.7	6.8	7.7
30	17.5	23.7	22.7	83.5	22.142	15.5	4.1	0.0	4.1	2.0
31	16.4	27.6	22.2	73.5	18.529	16.6	0.0	3.6	3.6	6.5
PROM.	17.7	26.6	22.2	78.8	20.775	18.1	94.9	81.5	176.4	145.3

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	18.0	22.5	20.0	52.2	21.639	16.6	7.2	0.8	8.0	0.0
2	16.6	21.8	19.0	62.0	20.653	17.5	2.8	0.0	2.8	0.6
3	17.2	26.8	21.8	79.1	20.239	17.7	0.0	0.0	0.0	6.4
4	18.8	26.8	22.8	78.7	21.316	18.5	0.0	0.0	0.0	7.0
5	17.7	26.8	21.9	84.2	21.681	18.8	0.0	0.0	0.0	3.8
6	18.4	27.4	22.0	77.0	15.615	17.3	0.0	0.0	0.0	6.9
7	18.6	27.4	22.3	74.5	22.070	15.1	0.0	0.0	0.0	6.9
8	18.9	27.8	22.3	64.7	23.701	20.2	1.5	0.0	1.5	5.5
9	17.8	26.8	22.9	77.2	21.146	18.4	3.0	0.9	3.9	4.5
10	19.4	23.0	20.4	51.4	22.015	15.0	6.2	5.5	11.7	0.4
11	17.4	24.0	20.9	65.7	20.862	18.2	7.4	57.2	64.6	3.1
12	17.6	25.0	20.6	85.7	20.754	18.1	24.4	19.4	43.8	1.0
13	17.8	23.6	20.1	85.8	20.067	17.5	0.2	0.0	0.2	0.5
14	17.2	27.6	22.6	66.1	17.865	15.7	0.0	0.0	0.0	8.9
15	18.2	29.9	23.7	65.4	15.056	16.7	0.0	0.0	0.0	7.6
16	17.2	28.1	22.2	73.4	15.442	17.1	0.0	0.0	0.0	7.0
17	17.2	27.0	21.5	85.8	21.757	18.6	0.9	2.4	3.3	5.0
18	17.2	25.8	21.9	81.0	21.045	18.3	0.0	0.0	0.0	5.4
19	17.4	25.8	21.3	81.6	20.270	18.0	0.0	10.4	10.4	2.0
20	17.7	21.6	19.6	54.0	21.545	18.7	2.5	0.0	2.5	0.0
21	17.2	27.4	21.7	73.4	18.679	16.3	0.0	1.3	1.3	6.8
22	18.4	26.4	22.7	74.6	15.506	17.3	0.0	0.0	0.0	7.2
23	18.0	28.4	22.5	71.8	15.410	17.0	0.0	0.0	0.0	7.5
24	17.0	28.4	23.0	75.6	21.144	18.4	0.0	0.0	0.0	7.1
25	18.2	27.3	22.7	77.2	20.774	18.1	0.0	0.0	0.0	4.6
26	18.0	26.5	22.2	74.1	20.556	18.2	0.0	0.0	0.0	3.5
27	18.6	29.5	22.5	69.6	18.660	16.4	0.0	0.0	0.0	8.1
28	16.2	27.9	23.4	67.8	18.605	16.3	0.0	0.0	0.0	8.5
29	19.4	27.9	23.0	71.2	15.605	17.2	0.0	0.0	0.0	8.0
30	17.8	26.0	21.0	78.7	15.714	17.2	0.0	0.1	0.1	5.2
PROM.	17.8	26.5	21.9	79.2	20.485	17.8	53.1	58.0	151.1	150.1

ESTACION: MANUEL MALLARINO
 ALTITUD: 1.360

MUNICIPIO: TRUJILLO AÑO: 1.980
 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	17.2	26.3	21.0	80.6	15.638	17.2	0.0	0.0	0.0	6.8
2	17.4	28.0	21.1	78.5	15.561	17.1	0.0	0.0	0.0	6.5
3	17.3	28.0	21.9	75.3	15.252	16.5	0.0	0.0	0.0	9.1
4	17.4	28.5	23.1	75.1	20.782	18.1	0.0	0.0	0.0	8.5
5	17.4	29.4	21.8	65.5	17.233	14.9	0.0	0.0	0.0	9.3
6	17.2	28.5	22.3	67.1	17.827	15.7	0.0	0.0	0.0	5.7
7	17.4	27.5	22.4	74.3	20.054	17.5	0.0	0.0	0.0	5.0
8	17.4	29.5	22.9	72.4	20.052	17.5	0.0	0.0	0.0	7.3
9	18.0	27.0	21.2	82.3	20.768	18.1	1.7	3.3	5.0	4.5
10	18.0	26.4	20.6	83.0	20.152	17.6	19.8	1.0	20.8	5.9
11	18.0	26.8	22.4	72.9	15.219	16.5	0.0	0.0	0.0	6.4
12	18.4	27.8	22.6	71.4	15.384	17.0	0.0	0.0	0.0	7.5
13	18.6	27.1	22.4	72.9	19.384	17.0	0.0	0.0	0.0	5.9
14	16.2	28.2	23.1	73.6	20.536	17.9	0.0	0.0	0.0	7.6
15	17.2	26.4	22.3	72.6	15.455	17.0	0.0	0.0	0.0	4.6
16	16.2	27.5	22.3	66.2	17.205	15.1	0.0	0.0	0.0	7.9
17	17.0	27.5	22.2	69.1	18.108	15.9	0.0	0.0	0.0	7.5
18	17.0	28.0	22.3	67.9	17.408	15.4	0.0	0.0	0.0	7.0
19	16.4	27.5	22.8	70.4	15.161	16.8	0.0	0.0	0.0	7.6
20	18.0	26.5	21.6	79.2	15.566	17.4	0.0	0.0	0.0	4.8
21	16.4	26.0	21.5	79.2	20.250	17.7	0.0	0.0	0.0	3.0
22	16.8	27.3	21.7	76.7	15.639	17.2	0.0	0.0	0.0	4.7
23	17.4	27.4	22.4	79.3	21.076	18.2	5.3	0.1	5.4	5.1
24	17.6	26.0	21.3	81.6	20.461	17.8	1.1	0.0	1.1	2.6
25	16.8	27.5	21.2	71.3	17.532	15.4	1.0	0.0	1.0	5.4
26	16.4	28.0	22.9	75.8	20.436	17.8	0.0	0.0	0.0	6.5
27	18.2	27.3	22.3	72.6	15.334	16.9	0.1	0.0	0.1	4.6
28	16.5	27.4	22.4	73.2	15.616	17.1	0.0	32.3	32.3	6.3
29	15.8	27.3	22.1	75.3	19.504	17.1	0.0	0.0	0.0	8.0
30	17.5	29.0	23.7	71.2	20.299	17.7	0.0	0.0	0.0	7.2
31	18.4	27.5	22.6	82.7	22.448	19.3	3.8	0.4	4.2	6.2
PROM.	17.3	27.6	22.1	74.5	19.550	17.1	32.8	37.1	69.9	195.0

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	18.6	27.0	22.3	77.5	20.247	17.7	0.0	0.0	0.0	4.2
2	17.3	29.0	23.1	75.3	20.620	17.9	0.0	8.9	8.9	8.0
3	16.2	28.0	21.1	78.8	15.260	16.9	0.0	0.0	0.0	5.3
4	16.6	28.5	22.8	68.6	15.026	16.7	0.0	0.0	0.0	6.0
5	17.4	27.2	21.4	79.0	19.664	17.3	26.5	0.0	26.5	7.7
6	18.0	27.5	23.0	73.1	19.555	17.5	0.8	8.7	9.5	6.1
7	18.0	27.5	22.0	81.7	21.175	18.4	1.2	9.3	10.7	2.7
8	17.8	25.5	21.3	85.1	21.435	18.6	0.8	0.0	0.8	3.2
9	17.6	26.8	22.7	73.5	15.452	17.0	0.0	0.0	0.0	7.0
10	18.0	27.8	22.7	70.8	18.440	16.3	0.0	0.0	0.0	8.0
11	17.4	26.8	23.9	65.4	18.318	16.0	0.0	0.0	0.0	8.6
12	17.4	29.5	23.6	64.5	17.565	15.8	0.0	0.0	0.0	8.7
13	18.0	26.5	24.0	67.6	19.076	16.7	0.0	0.0	0.0	8.1
14	17.4	29.0	23.2	69.9	15.482	17.1	0.0	0.0	0.0	4.4
15	18.2	28.8	22.7	76.7	20.625	18.2	0.1	0.0	0.1	4.7
16	19.2	27.0	21.4	80.2	20.267	17.7	0.1	0.0	0.1	5.2
17	17.4	28.5	22.1	76.1	19.777	17.3	0.5	0.0	0.5	8.5
18	17.8	24.6	21.2	80.8	19.845	17.4	0.0	1.2	1.2	2.8
19	17.6	26.0	21.6	75.3	18.662	16.6	0.0	0.0	0.0	2.7
20	17.6	25.5	20.8	82.5	20.256	17.7	8.5	0.1	8.6	3.5
21	16.6	27.5	21.7	73.5	18.279	16.1	0.0	0.0	0.0	7.1
22	16.8	27.5	22.4	73.5	15.225	16.5	0.0	0.1	0.1	6.6
23	17.6	30.0	24.0	64.2	17.650	15.5	0.0	0.0	0.0	8.7
24	16.6	30.5	24.2	64.6	18.352	16.1	0.0	0.0	0.0	9.2
25	17.4	30.5	24.8	63.0	18.246	16.0	0.0	0.0	0.0	9.2
26	19.0	30.5	24.7	67.6	19.518	17.3	0.0	0.0	0.0	8.4
27	15.6	30.5	25.1	63.5	18.621	16.4	0.0	0.0	0.0	7.3
28	17.2	30.0	23.9	67.8	15.244	16.8	0.0	0.0	0.0	5.7
29	16.6	27.0	21.7	80.8	20.443	17.5	4.1	0.0	4.1	4.2
30	15.8	28.8	22.7	72.8	15.253	16.9	0.0	0.0	0.0	9.0
31	17.0	28.8	21.5	79.5	20.573	18.0	0.0	0.4	0.4	7.0
PROM.	17.5	28.2	22.7	73.3	19.505	17.1	42.6	28.9	71.5	197.8

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	28.5	21.1	80.0	19.614	17.1	6.5	0.3	6.8	4.9
2	18.0	28.0	20.6	81.4	18.707	17.3	2.1	0.0	2.1	5.6
3	17.4	28.0	22.1	74.3	16.553	16.6	0.0	0.0	0.0	6.8
4	18.4	29.5	23.5	73.5	20.615	17.9	0.0	9.3	9.3	7.1
5	18.2	28.5	22.6	76.6	20.128	17.5	0.0	0.0	0.0	7.4
6	18.2	30.0	22.7	76.3	20.510	17.9	0.0	0.0	0.0	0.2
7	18.4	28.5	22.7	74.5	20.159	17.6	0.0	0.0	0.0	6.7
8	18.2	29.5	24.3	69.5	20.735	18.0	0.0	0.0	0.0	8.7
9	17.6	29.5	23.1	73.6	20.213	17.6	0.0	0.0	0.0	5.8
10	16.8	28.5	22.0	69.7	17.644	15.6	0.0	0.0	0.0	5.0
11	18.0	27.5	23.4	70.0	19.351	16.9	0.0	0.0	0.0	5.4
12	18.2	28.6	23.7	69.8	19.743	17.2	0.0	0.0	0.0	5.8
13	18.6	30.3	23.7	68.1	19.654	17.2	0.0	0.0	0.0	8.5
14	19.3	26.4	22.5	74.7	20.046	17.4	0.0	0.0	0.0	0.0
15	18.6	25.5	20.4	86.2	21.150	18.4	1.4	0.0	1.4	1.2
16	17.4	26.5	22.0	76.7	19.658	17.2	0.0	0.0	0.0	5.0
17	17.4	29.6	23.2	71.5	19.739	17.2	0.0	0.0	0.0	8.5
18	18.2	27.0	21.0	86.3	21.319	18.5	34.5	3.3	37.8	5.0
19	18.0	24.0	21.0	81.5	20.031	17.5	19.2	2.1	21.3	2.9
20	17.8	27.0	20.7	80.7	19.453	17.0	0.0	0.0	0.0	4.8
21	18.2	24.3	20.5	80.7	19.616	17.2	0.2	0.0	0.2	0.4
22	17.3	27.5	22.3	76.1	19.526	17.4	0.0	0.0	0.0	4.1
23	17.4	25.5	22.8	71.7	19.284	16.9	1.8	0.0	1.8	9.0
24	18.4	25.1	23.0	71.9	19.457	17.1	0.0	0.0	0.0	6.5
25	18.2	28.5	22.5	77.1	20.349	17.7	0.2	8.6	8.8	6.4
26	19.0	26.4	22.2	80.0	21.005	18.3	0.0	0.0	0.0	2.2
27	18.4	28.0	22.6	73.1	19.356	16.9	0.0	0.0	0.0	6.4
28	18.3	27.5	21.4	74.7	18.471	16.0	0.0	0.0	0.0	1.7
29	19.4	27.5	22.3	74.6	19.669	17.3	0.0	0.6	0.6	6.0
30	17.3	26.5	20.8	78.2	18.734	16.4	0.0	0.3	0.3	3.7
PROM.	18.0	27.9	22.2	75.6	19.626	17.3	65.9	24.5	90.4	154.7

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	18.6	27.1	22.1	76.0	19.655	17.3	11.7	1.0	12.7	5.1
2	17.4	26.3	21.8	75.6	18.608	17.2	0.0	0.0	0.0	4.6
3	17.6	27.5	22.1	63.6	16.526	14.5	0.0	13.2	13.2	4.0
4	17.6	25.8	21.2	76.4	18.581	16.6	0.0	15.2	15.2	4.9
5	17.6	25.5	21.5	78.8	20.065	17.5	0.0	3.7	3.7	5.4
6	17.6	23.8	19.6	89.8	20.335	17.7	0.7	8.8	9.5	1.3
7	17.2	24.0	19.8	84.7	19.225	16.8	0.0	0.0	0.0	1.8
8	15.8	26.5	20.6	82.6	20.140	17.6	2.0	3.1	5.1	4.1
9	18.0	26.5	20.1	86.3	20.279	17.7	0.0	22.4	22.4	5.6
10	17.2	23.5	19.5	86.3	19.862	17.2	7.6	0.0	7.6	1.4
11	15.6	25.5	20.5	80.0	19.173	16.9	0.0	0.0	0.0	5.5
12	17.6	26.3	20.7	76.5	18.561	16.3	0.0	0.0	0.0	5.8
13	16.2	28.0	21.3	73.7	18.718	16.4	0.0	0.0	0.0	8.1
14	17.0	28.0	21.2	74.1	18.544	16.2	24.8	0.0	24.8	5.5
15	17.0	26.3	21.1	81.2	20.120	17.5	1.3	0.0	1.3	4.3
16	17.2	26.5	22.5	65.8	17.717	15.4	0.0	5.8	5.8	5.2
17	17.2	25.1	19.5	87.1	19.693	17.4	8.2	47.9	56.7	1.3
18	17.2	24.5	19.9	88.2	20.266	17.7	1.5	4.2	5.7	2.5
19	18.0	26.4	22.0	83.5	21.650	18.5	0.0	27.1	27.1	5.2
20	18.0	22.0	19.1	92.2	20.470	17.8	25.3	0.0	25.3	1.6
21	16.3	26.8	21.6	78.0	19.570	17.1	0.0	0.0	0.0	7.8
22	18.0	27.5	23.0	76.2	20.524	18.2	0.2	0.1	0.3	6.8
23	19.4	25.8	23.2	76.1	21.404	18.5	0.0	0.0	0.0	4.5
24	18.6	27.0	22.8	78.4	21.268	18.5	22.0	0.0	22.0	4.6
25	18.4	27.5	22.3	77.5	20.527	17.9	0.0	0.0	0.0	5.5
26	17.2	24.0	21.5	82.4	21.165	18.4	0.0	0.0	0.0	3.4
27	18.2	26.9	22.2	78.5	20.580	17.9	0.4	0.0	0.4	6.0
28	17.8	28.8	22.7	73.7	20.175	17.7	0.0	3.5	3.5	3.7
29	17.0	21.5	19.1	89.5	18.542	17.1	20.4	0.0	20.4	0.0
30	17.2	26.5	22.1	76.3	19.506	17.1	0.0	0.7	0.7	6.2
31	18.8	27.3	23.0	77.8	21.503	18.6	0.0	0.0	0.0	0.0
PROM.	17.5	26.0	21.3	79.6	19.650	17.4	126.7	156.7	283.4	131.9

ESTACION: MANUEL MALLARINO

MUNICIPIO: TRUJILLO

AÑO:

1-980

ALTITUD: 1.3EC

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	18.8	28.0	22.0	78.4	20.338	17.7	0.9	4.3	5.2	5.4
2	17.8	23.5	20.7	89.5	21.569	19.0	0.7	0.0	0.7	2.3
3	17.2	25.5	21.2	82.0	20.756	18.1	0.0	0.2	0.2	6.0
4	17.8	26.1	21.7	81.5	21.056	18.3	0.0	0.0	0.0	3.8
5	18.2	23.5	20.0	91.4	21.253	18.5	6.7	0.0	6.7	0.4
6	17.4	25.1	20.9	87.0	21.526	18.6	1.8	6.8	8.6	3.2
7	18.0	24.5	20.6	89.0	21.444	18.8	8.7	0.2	8.9	2.9
8	17.2	28.0	21.9	78.7	20.602	17.9	0.0	0.0	0.0	7.8
9	17.0	27.5	21.3	78.2	19.515	17.4	0.0	0.6	0.6	7.3
10	18.4	28.5	22.0	76.8	19.761	17.3	6.2	0.3	6.5	6.1
11	17.8	27.5	22.5	77.9	21.216	18.4	0.0	0.0	0.0	4.7
12	18.8	25.5	21.3	84.5	21.293	18.5	1.0	0.0	1.0	1.9
13	17.3	25.8	21.8	80.6	21.056	18.3	2.3	9.0	11.3	3.6
14	18.4	25.5	21.0	66.4	21.255	18.4	1.4	0.8	2.2	3.5
15	18.4	25.5	20.5	90.6	22.073	19.0	3.6	13.8	17.2	2.4
16	18.0	25.3	21.0	83.8	20.713	18.0	1.4	0.0	1.4	4.9
17	17.5	27.5	21.3	77.2	19.179	16.8	0.0	2.4	2.4	7.2
18	17.4	26.0	21.1	79.5	19.700	17.1	1.4	0.0	1.4	4.5
19	17.2	26.0	20.7	77.5	18.559	16.6	0.0	0.0	0.0	6.9
20	18.2	26.8	21.6	75.6	19.256	16.9	0.0	0.0	0.0	6.4
21	18.0	25.5	21.2	81.5	20.552	18.0	0.0	3.3	3.3	3.2
22	18.8	26.5	21.5	78.3	20.157	17.7	0.0	0.0	0.0	4.7
23	18.3	25.0	20.7	86.4	20.515	18.2	0.0	0.0	0.0	4.7
24	18.2	25.1	20.5	63.6	20.214	17.7	0.0	0.0	0.0	3.2
25	17.4	28.8	21.7	78.6	20.005	17.5	0.0	0.0	0.0	5.0
26	18.4	28.1	21.9	78.7	20.547	17.9	0.0	0.0	0.0	5.0
27	18.0	27.4	21.7	75.5	21.440	18.4	1.1	0.0	1.1	4.7
28	18.3	27.8	22.3	72.5	20.335	17.7	0.0	0.0	0.0	6.8
29	19.6	25.5	21.3	85.2	21.505	18.7	0.0	0.0	0.0	1.8
30	17.0	26.8	22.0	77.9	20.425	17.8	0.0	0.0	0.0	5.4
PROM.	18.0	26.2	21.3	81.5	20.456	18.0	31.2	42.2	73.4	130.8

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	17.6	25.8	20.9	81.5	20.134	17.6	0.0	0.0	0.0	3.6
2	16.8	27.9	23.1	76.5	19.856	17.3	0.0	0.0	0.0	7.3
3	17.8	27.8	22.1	77.5	20.516	17.8	9.1	2.3	11.4	4.8
4	17.2	26.4	21.6	83.7	21.303	18.5	4.2	3.0	7.2	3.9
5	17.8	26.8	22.0	78.0	20.110	17.5	1.5	0.0	1.5	5.3
6	17.0	28.0	22.5	69.9	18.823	16.5	0.0	0.0	0.0	6.6
7	17.8	27.0	22.7	76.8	20.507	18.2	0.0	0.5	0.5	6.0
8	17.2	23.8	20.8	69.6	22.122	19.1	0.4	0.0	0.4	0.0
9	17.0	26.5	21.3	80.7	20.410	17.6	0.0	0.0	0.0	5.2
10	17.8	27.5	22.2	76.2	20.037	17.5	0.0	0.0	0.0	5.9
11	17.8	27.8	22.7	76.4	20.776	18.1	0.0	0.0	0.0	4.5
12	18.0	27.3	22.8	76.4	21.178	18.3	0.0	35.6	35.6	4.7
13	18.0	26.5	21.3	83.1	20.518	18.2	6.0	0.0	6.0	3.3
14	18.4	28.0	22.0	75.1	19.845	17.4	0.0	5.4	5.4	6.7
15	17.8	26.6	20.6	80.2	19.374	17.0	17.7	0.0	17.7	4.4
16	17.4	27.9	22.5	79.6	21.274	18.4	0.0	7.2	7.2	6.4
17	17.0	23.5	15.2	63.6	18.859	16.4	18.0	0.0	18.0	0.8
18	16.8	26.4	20.8	71.7	17.729	15.6	0.0	0.0	0.0	6.5
19	18.6	27.5	22.5	70.9	14.380	16.9	0.0	0.0	0.0	6.5
20	19.5	24.2	20.5	89.2	21.587	18.7	10.6	0.0	10.6	1.9
21	16.4	27.5	22.2	74.3	19.824	17.2	0.0	0.0	0.0	7.3
22	17.8	26.0	21.9	72.7	18.756	16.4	0.0	0.0	0.0	6.4
23	17.2	26.0	21.6	75.6	19.556	17.0	3.0	17.1	20.1	2.4
24	18.0	26.5	22.2	73.2	19.351	16.9	0.0	24.5	24.5	0.0
25	17.3	24.0	20.5	94.2	22.653	19.5	3.3	5.5	8.8	0.5
26	17.8	28.8	20.9	82.7	20.412	17.8	3.3	0.3	3.6	5.0
27	18.2	29.8	20.9	81.4	20.135	17.6	1.4	0.0	1.4	4.4
28	17.3	23.5	19.9	84.0	19.756	17.3	3.0	0.0	3.0	1.8
29	17.3	26.3	21.0	77.9	18.515	16.6	0.0	1.6	1.6	8.1
30	16.3	25.5	21.2	80.5	19.608	17.1	0.0	29.7	29.7	1.9
31	17.5	25.5	22.0	80.6	20.555	18.2	0.0	6.5	6.5	5.3
PROM.	17.6	26.3	21.5	79.2	20.150	17.6	81.5	139.5	221.0	137.4

ESTACION: MANUEL MALLARINO

MUNICIPIO: TRUJILLO

AÑO: 1.980

ALTITUD: 1.360

LATITUD: 4-16 N.

LONGITUD: 76-21 W. 244

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	17.0	26.6	21.2	16.0	30.0	77.5	19.304	16.9	60.7	13	153.4
FEBRERO	17.4	26.9	21.4	14.6	30.0	76.9	19.234	16.8	74.2	9	148.3
MARZO	18.1	28.8	22.8	16.4	31.6	75.0	20.308	17.7	59.5	10	159.7
ABRIL	18.0	27.6	22.6	15.2	30.5	75.8	20.424	17.8	180.0	16	151.5
MAYO	17.7	26.6	22.2	16.2	26.6	76.8	20.775	18.1	176.4	13	145.3
JUNIO	17.8	26.5	21.9	16.2	29.5	75.2	20.485	17.8	151.1	13	150.1
JULIO	17.3	27.6	22.1	15.8	25.5	74.5	19.550	17.1	69.9	8	195.0
AGOSTO	17.5	28.2	22.7	15.8	30.5	73.3	19.509	17.1	71.5	13	197.8
SEPTIEMBRE	18.0	27.5	22.2	16.8	30.3	75.6	19.826	17.3	90.4	11	154.7
OCTUBRE	17.5	26.0	21.3	15.6	26.6	75.6	19.250	17.4	283.4	21	131.9
NOVIEMBRE	18.0	26.2	21.3	17.0	26.5	81.9	20.656	18.0	73.4	19	130.8
DICIEMBRE	17.6	26.3	21.5	16.3	26.0	75.2	20.150	17.6	221.0	21	137.4
PROMEDIO	17.7	27.1	21.9	16.0	25.7	77.3	20.009	17.5			
TOTAL									1511.5	167	1855.9

ESTACION: JULIO FERNANDEZ

MUNICIPIO: RESTREPC

AÑO: 1.980

ALTITUD: 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										
2										
3										
4										
5										
6										
7										
8										
9	18.0	27.0	20.9	81.3	20.343	17.8	0.0	0.0	0.0	6.8
10	15.5	26.0	20.2	82.1	19.251	16.9	0.0	0.0	0.0	9.2
11	16.0	25.0	19.9	81.0	18.609	16.5	0.0	0.0	0.0	2.1
12	13.5	26.0	20.1	83.8	15.748	17.3	0.7	0.0	0.7	3.7
13	14.5	24.8	19.4	81.6	18.360	16.1	0.0	0.0	0.0	3.1
14	15.0	25.8	19.4	83.6	15.053	16.7	0.0	0.0	0.0	7.7
15	16.0	26.8	20.2	76.1	17.518	15.3	0.0	2.7	2.7	9.3
16	14.6	25.5	18.9	83.2	16.208	16.0	0.0	1.2	1.2	4.7
17	15.3	24.5	19.1	83.2	18.254	16.0	0.0	0.0	0.0	5.4
18	15.5	24.5	19.5	80.5	16.420	16.2	0.0	0.0	0.0	6.7
19	15.0	24.6	19.8	82.0	16.639	16.5	0.0	0.0	0.0	7.7
20	14.6	26.5	19.9	82.7	15.208	16.5	0.0	0.0	0.0	6.3
21	16.0	27.0	20.6	80.7	15.267	17.0	0.0	0.0	0.0	4.1
22	15.0	26.5	20.6	83.1	20.066	17.6	0.0	0.0	0.0	7.1
23	17.5	26.0	21.0	84.2	21.054	18.3	0.0	0.0	0.0	3.3
24	17.5	26.4	21.1	83.5	21.021	18.3	0.0	0.0	0.0	4.8
25	17.0	27.0	21.3	81.5	20.655	18.0	0.0	0.0	0.0	10.0
26	18.0	28.5	22.0	77.1	20.353	17.8	0.0	0.0	0.0	8.9
27	16.5	29.5	21.8	75.6	19.106	16.7	0.0	0.6	0.6	7.4
28	17.0	27.8	20.9	79.3	19.519	17.1	0.0	0.0	0.0	4.9
29	16.0	27.3	20.8	82.6	20.051	17.6	1.2	0.0	1.2	7.9
30	17.5	25.5	20.7	79.6	19.416	17.0	0.0	0.0	0.0	2.4
31	15.5	26.5	20.3	80.7	19.066	16.7	0.0	0.0	0.0	5.6
PROM.										

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										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
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18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
PROM.	16.5	23.5	20.0	82.6	19.469	17.1	19.5	70.4	89.9	166.3

ESTACION: JULIO FERNANDEZ

MUNICIPIO: RESTREPO

AÑO: 1.980

ALTITUD: 1.360

LATITUD: 3-49 N.

LONGITUD: 76-31 W.

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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	13.5	26.8	19.9	82.4	18.679	16.5	0.0	0.0	0.0	4.8
2	17.5	25.9	20.2	81.6	19.431	17.0	0.0	5.8	5.8	6.9
3	16.5	23.0	19.0	84.8	18.647	16.5	11.4	0.0	11.4	3.9
4	16.5	25.5	19.7	83.1	19.419	17.0	0.0	0.0	0.0	7.4
5	16.5	23.0	19.1	82.1	18.327	16.2	0.0	0.0	0.0	3.9
6	15.0	23.0	19.6	81.3	18.289	16.1	0.0	0.0	0.0	8.8
7	16.5	26.0	20.5	83.1	20.152	17.6	0.0	0.0	0.0	8.9
8	15.6	26.4	21.1	82.7	20.682	18.0	0.0	0.0	0.0	7.9
9	18.2	27.3	21.3	81.5	20.685	18.2	0.0	0.0	0.0	5.0
10	16.0	26.8	20.6	80.6	19.350	17.0	0.0	0.0	0.0	7.5
11	17.0	26.9	21.3	80.6	20.235	17.7	0.0	0.0	0.0	7.9
12	18.0	27.9	21.8	76.2	19.853	17.4	0.0	0.0	0.0	7.7
13	18.0	27.9	23.1	74.7	20.253	17.8	0.0	0.0	0.0	6.8
14	18.0	25.5	20.4	74.3	20.477	17.9	0.0	0.0	0.0	0.6
15	15.0	26.0	21.1	77.2	19.007	16.7	0.0	0.0	0.0	4.4
16	14.8	27.0	20.6	82.6	19.674	17.2	0.0	0.0	0.0	6.7
17	17.0	26.3	20.9	78.7	19.413	17.0	0.0	0.4	0.4	1.1
18	15.5	23.5	18.0	91.5	19.072	16.7	24.9	0.0	24.9	1.1
19	14.5	26.2	19.3	82.5	18.354	16.2	0.3	0.0	0.3	4.9
20	13.5	28.3	20.3	79.0	18.346	16.1	0.0	0.0	0.0	2.3
21	15.0	26.8	21.1	79.6	19.787	17.3	0.0	0.0	0.0	4.6
22	17.5	25.5	20.4	83.0	19.897	17.4	0.2	0.0	0.2	5.2
23	17.5	26.2	21.5	79.6	20.334	17.7	0.0	0.0	0.0	5.4
24	16.0	28.5	20.9	82.6	20.632	17.9	0.0	1.0	1.0	7.4
25	17.5	29.0	21.4	79.8	20.029	17.4	0.4	0.0	0.4	3.6
26	16.5	27.9	21.5	83.1	21.240	18.4	0.0	0.0	0.0	7.7
27	18.0	28.6	21.5	81.3	20.751	18.1	0.0	0.0	0.0	9.0
28	19.0	28.5	22.1	80.2	21.531	18.7	0.0	0.0	0.0	8.2
29	18.0	28.5	22.3	78.5	21.120	18.4	0.0	4.6	4.6	5.4
30	17.5	26.8	20.7	85.1	20.791	18.1	4.6	2.2	6.8	4.3
31	16.5	28.0	20.9	82.4	20.567	17.8	0.0	0.0	0.0	5.9
PROM.	16.5	26.7	20.7	81.5	19.883	17.4	41.8	14.0	55.8	181.5

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	18.0	26.5	21.3	81.7	21.017	18.3	0.0	5.4	5.4	6.9
2	17.0	25.5	20.0	82.6	19.447	17.0	1.2	5.4	6.6	4.9
3	15.5	25.8	19.7	86.0	19.751	17.3	0.0	0.0	0.0	5.2
4	15.8	26.0	20.2	82.0	19.456	17.1	0.0	0.4	0.4	3.6
5	16.8	25.0	20.5	81.4	19.542	17.1	0.2	0.0	0.2	3.3
6	18.0	23.8	19.8	90.6	20.663	18.2	0.5	0.0	0.5	0.7
7	15.5	22.0	17.8	92.4	19.020	16.7	5.1	0.0	5.1	3.3
8	14.0	26.5	19.4	78.5	17.438	15.3	0.0	0.0	0.0	7.6
9	12.0	27.0	20.5	80.1	18.983	16.6	0.0	0.0	0.0	7.0
10	13.5	26.6	20.0	80.1	18.366	16.1	0.0	0.0	0.0	6.1
11	11.0	27.3	20.1	77.0	17.705	15.6	0.0	0.0	0.0	9.0
12	13.0	27.2	19.5	81.5	18.053	15.8	0.0	0.0	0.0	7.2
13	13.5	28.2	20.3	78.5	18.020	15.8	0.0	0.0	0.0	5.9
14	15.0	28.9	19.9	81.4	18.741	16.5	0.0	0.0	0.0	5.5
15	16.5	28.5	21.2	76.9	19.127	16.8	0.0	0.0	0.0	6.5
16	16.5	26.5	21.4	79.8	20.165	17.6	0.0	0.0	0.0	5.8
17	15.0	27.0	21.6	79.5	20.104	17.6	0.0	0.0	0.0	6.7
18	19.0	26.5	22.1	76.5	20.323	17.7	0.0	0.0	0.0	3.9
19	18.5	27.5	21.7	80.1	20.530	18.2	0.0	0.0	0.0	5.1
20	17.5	27.0	21.2	84.3	21.460	18.6	0.0	1.5	1.5	4.2
21	18.5	26.5	21.4	82.0	21.120	18.3	0.0	0.5	0.5	6.2
22	17.5	26.5	20.4	84.4	20.351	17.8	0.0	6.4	6.4	2.3
23	17.0	26.5	20.4	85.7	20.650	18.0	0.0	13.3	13.3	4.3
24	17.5	24.5	19.6	85.2	19.581	17.5	2.5	0.0	2.5	2.3
25	13.5	28.4	19.6	84.8	19.119	16.6	0.0	12.5	12.5	4.1
26	17.0	22.5	19.5	88.0	20.016	17.5	3.3	0.0	3.3	0.0
27	12.5	22.8	20.8	77.1	18.088	15.7	0.0	0.7	0.7	9.1
28	16.5	24.5	19.7	89.2	20.796	18.1	3.1	0.0	3.1	1.9
29	16.5	23.6	19.9	87.4	20.562	17.9	0.6	0.0	0.6	4.1
30	16.5	28.0	20.5	83.3	20.185	17.7	0.0	23.3	23.3	5.7
PROM.	15.8	26.2	20.3	82.6	19.650	17.2	16.5	69.4	85.9	148.6

ESTACION: JULIO FERNANDEZ

MUNICIPIO: GESTREPO

AÑO: 1980

ALTITUD: 1.36C

LATITUD: 3-45 N.

LONGITUD: 76-31 W.

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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	24.0	19.8	79.5	18.507	16.2	4.1	6.2	10.3	3.4
2	15.0	26.0	19.8	80.7	16.405	16.2	0.0	0.0	0.0	8.2
3	15.5	26.0	20.9	82.3	20.133	17.6	0.0	0.0	0.0	7.1
4	16.5	26.5	20.9	76.3	19.344	17.0	2.6	0.0	2.6	3.8
5	17.0	26.0	20.6	83.8	20.421	17.6	0.0	0.0	0.0	3.6
6	18.0	25.0	20.4	85.9	20.662	16.2	1.0	0.4	1.4	3.2
7	15.5	26.4	20.2	83.9	19.799	17.4	0.0	0.0	0.0	5.9
8	18.0	26.0	20.3	78.3	16.553	16.7	0.0	0.0	0.0	7.9
9	14.5	25.5	19.6	85.4	19.397	16.9	6.5	0.0	6.5	3.3
10	16.0	26.5	20.8	85.3	21.069	18.3	0.0	0.0	0.0	6.8
11	15.5	27.0	21.5	83.2	21.662	16.5	0.0	0.0	0.0	6.3
12	18.5	26.5	21.5	86.1	22.300	19.2	1.2	0.0	1.2	6.0
13	16.5	23.0	19.9	87.4	20.326	17.8	0.0	0.0	0.0	0.0
14	17.5	24.0	19.5	84.4	19.466	17.1	0.0	10.8	10.8	0.6
15	16.5	24.4	19.2	83.1	18.415	16.1	1.4	0.0	1.4	2.1
16	14.0	26.0	20.3	82.6	19.573	17.2	0.0	0.0	0.0	4.8
17	18.0	26.5	20.8	80.2	20.152	17.6	0.8	0.1	0.9	7.7
18	15.6	26.0	20.3	85.5	20.570	18.0	10.0	5.4	15.4	4.6
19	17.0	25.0	20.9	82.2	20.304	17.8	0.0	0.0	0.0	8.2
20	16.6	27.0	21.2	84.7	21.419	16.6	0.0	0.0	0.0	5.8
21	17.5	26.0	21.0	83.3	20.507	18.2	0.0	0.0	0.0	0.8
22	17.0	25.5	20.9	82.5	20.641	18.0	0.0	0.0	0.0	6.3
23	15.5	26.0	19.8	83.9	19.204	16.5	0.0	0.0	0.0	5.2
24	16.5	25.5	20.6	82.0	19.653	17.4	0.0	0.0	0.0	3.1
25	15.8	27.0	20.9	86.0	21.262	16.5	0.7	26.4	27.1	4.3
26	16.0	26.5	21.3	81.6	20.360	17.7	0.0	0.0	0.0	4.6
27	16.0	27.8	20.9	81.3	19.566	17.5	0.0	0.0	0.0	5.8
28	17.5	25.5	20.6	83.6	20.720	18.1	0.0	0.0	0.0	6.7
29	17.5	25.5	20.5	82.7	20.146	17.6	0.0	0.0	0.0	8.5
30	17.5	25.6	20.5	79.1	19.245	16.5	0.0	0.0	0.0	5.5
31	14.0	27.0	20.2	77.1	18.321	16.1	0.0	0.0	0.0	0.0
PROM.	16.4	25.9	20.5	82.7	20.041	17.5	28.3	49.3	77.6	150.1

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	16.3	22.0	19.3	84.2	18.652	16.6	3.7	2.0	5.7	0.0
2	15.3	22.5	16.0	91.4	19.074	16.7	2.0	0.0	2.0	0.0
3	13.5	27.0	20.6	82.5	19.754	17.3	0.0	0.0	0.0	0.0
4	15.0	25.0	20.3	85.8	20.678	16.0	0.0	0.0	0.0	5.7
5	15.1	26.0	20.0	87.5	20.635	18.0	1.7	0.0	1.7	4.8
6	14.4	27.5	20.8	80.7	19.366	16.9	0.0	11.9	11.9	6.9
7	18.0	28.3	22.1	82.7	21.754	18.8	0.0	0.0	0.0	6.6
8	18.0	26.5	21.4	80.0	20.362	17.6	0.0	0.0	0.0	4.9
9	17.5	25.0	19.9	85.8	20.415	17.6	0.0	0.0	0.0	5.3
10	17.0	23.5	18.8	94.2	20.638	18.0	3.0	19.0	22.0	0.8
11	16.4	25.0	19.9	84.1	19.371	17.0	1.3	0.1	1.4	5.0
12	17.0	23.0	19.0	88.5	19.607	17.3	0.4	13.4	13.8	2.1
13	15.4	23.6	16.8	85.0	18.452	16.3	0.1	0.0	0.1	4.4
14	14.0	28.9	21.0	81.6	20.203	17.6	0.0	0.0	0.0	5.5
15	17.0	27.0	21.7	83.8	21.528	19.0	0.0	0.0	0.0	9.0
16	16.0	27.0	20.8	78.6	19.246	16.5	0.0	0.0	0.0	7.4
17	17.0	25.5	19.5	88.1	20.344	17.2	0.0	0.0	0.0	6.6
18	14.0	26.0	19.9	83.8	19.661	17.2	39.4	0.0	39.4	4.6
19	16.0	24.5	19.8	85.5	19.647	17.4	0.0	2.6	2.6	3.7
20	16.6	23.0	18.6	92.5	19.658	17.4	5.2	0.0	5.2	0.4
21	13.5	27.9	20.7	80.7	19.448	17.0	0.0	21.9	21.9	3.5
22	16.0	27.0	20.1	80.1	18.742	16.5	0.7	0.0	0.7	7.0
23	16.0	25.5	20.0	83.7	19.706	17.2	0.0	0.0	0.0	7.1
24	17.0	26.5	21.1	83.7	20.558	18.3	0.0	0.0	0.0	7.4
25	17.6	26.0	20.6	84.7	20.619	18.1	0.0	0.0	0.0	3.6
26	16.4	26.0	20.7	85.3	20.620	18.1	0.0	0.0	0.0	3.7
27	18.3	27.5	21.5	84.6	21.511	19.0	0.0	0.0	0.0	6.9
28	18.0	28.8	21.6	78.2	19.651	17.3	0.0	0.0	0.0	6.0
29	17.3	25.5	20.6	80.5	19.711	17.3	0.0	0.3	0.3	7.0
30	17.5	25.5	20.3	81.4	19.662	17.2	8.3	0.0	8.3	5.5
PROM.	16.2	25.8	20.2	84.3	20.063	17.5	65.8	71.2	137.0	149.4

M E S - J U L I O

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	20.1	81.4	19.244	16.9	0.0	0.0	0.0	5.0
2	16.6	25.0	20.4	82.2	20.031	17.5	0.0	0.0	0.0	7.3
3	15.3	26.6	20.9	78.0	18.881	16.6	0.0	0.0	0.0	6.4
4	16.6	26.5	20.9	82.1	20.066	17.5	0.0	0.0	0.0	9.9
5	16.5	26.0	21.4	81.4	20.605	18.0	0.0	0.0	0.0	8.0
6	17.6	27.1	21.3	80.1	20.432	17.9	0.0	0.0	0.0	6.6
7	17.0	26.5	20.5	81.5	19.836	17.4	0.0	0.0	0.0	3.0
8	17.0	26.5	20.8	80.2	19.518	17.1	0.0	9.5	9.5	6.1
9	16.0	24.5	19.2	85.3	19.128	16.8	0.0	0.0	0.0	5.1
10	15.4	24.5	19.1	83.6	18.478	16.2	0.0	0.0	0.0	5.7
11	14.2	25.0	19.2	84.4	18.585	16.4	0.0	0.0	0.0	6.8
12	15.3	25.0	19.9	84.6	19.568	17.5	0.0	2.8	2.8	4.9
13	16.0	24.8	19.4	77.6	17.866	15.5	0.0	0.0	0.0	7.4
14	16.0	25.0	20.0	83.2	19.430	17.1	0.0	0.0	0.0	7.0
15	16.4	25.3	20.0	82.6	19.387	17.0	0.5	0.0	0.5	6.4
16	16.3	26.5	20.5	81.4	19.442	17.0	1.4	0.0	1.4	7.8
17	14.2	27.5	20.5	77.0	17.953	15.7	0.0	0.2	0.2	7.3
18	16.6	26.8	21.0	80.7	20.122	17.6	0.0	0.0	0.0	7.9
19	17.0	26.3	21.0	78.9	19.448	17.1	0.0	2.0	2.0	5.6
20	17.6	25.4	20.7	81.1	19.552	17.5	7.0	0.0	7.0	6.6
21	16.0	25.4	20.3	79.1	18.536	16.6	0.0	0.0	0.0	0.0
22	14.5	24.5	18.7	87.0	18.829	16.6	1.4	0.0	1.4	3.7
23	14.0	25.5	18.7	84.0	18.184	16.0	0.0	3.5	3.5	6.5
24	13.4	24.5	18.6	88.4	18.770	16.5	5.3	0.1	9.4	4.4
25	14.0	26.0	19.8	86.9	20.355	17.8	0.0	0.0	0.0	5.5
26	15.1	25.5	19.9	80.8	18.874	16.3	0.0	2.6	2.6	7.6
27	16.0	25.5	19.6	85.0	19.835	17.3	0.0	0.0	0.0	6.9
28	14.5	25.0	19.4	87.2	19.766	17.3	0.0	0.0	0.0	3.2
29	15.3	28.5	20.6	78.8	18.294	16.6	0.0	0.0	0.0	8.9
30	16.0	27.0	20.5	80.2	19.059	16.8	0.0	0.0	0.0	7.0
31	17.0	25.0	19.5	79.5	18.243	16.0	0.0	1.1	1.1	4.3
PROM.	15.8	25.9	20.1	82.1	19.283	16.5	20.3	22.1	42.4	190.8

M E S - A G S T O

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	20.1	83.3	19.733	17.3	0.0	0.0	0.0	5.9
2	16.0	29.0	20.7	83.5	20.740	18.1	0.0	1.7	1.7	6.8
3	13.0	28.5	20.1	81.9	19.330	16.8	0.0	0.0	0.0	7.0
4	16.0	26.0	19.8	84.5	19.802	17.4	0.0	0.0	0.0	4.1
5	15.0	26.0	19.5	81.2	18.250	16.1	5.4	0.0	9.4	3.4
6	17.0	26.0	20.0	82.9	19.637	17.2	2.1	2.0	4.1	4.8
7	17.0	23.5	18.8	84.2	18.615	16.3	0.0	0.0	0.0	2.0
8	15.5	25.0	18.8	81.9	17.758	15.7	0.9	0.7	1.6	3.1
9	16.0	26.0	19.6	85.3	19.447	17.1	0.0	5.9	5.9	7.2
10	15.5	27.0	20.4	82.3	19.652	17.2	0.0	0.0	0.0	7.4
11	18.5	29.5	21.9	76.4	19.537	17.0	0.0	0.0	0.0	9.3
12	14.0	27.0	20.5	81.0	19.378	17.0	0.0	0.0	0.0	6.2
13	15.0	27.0	20.6	81.7	19.577	17.1	0.0	0.0	0.0	9.4
14	14.5	28.0	20.3	80.7	18.813	16.5	0.0	2.0	2.0	5.8
15	16.0	27.4	20.7	80.6	19.665	17.2	0.0	3.1	3.1	8.7
16	12.0	26.5	19.5	83.9	19.312	16.9	0.0	0.0	0.0	5.3
17	13.6	28.0	19.8	81.6	18.725	16.4	0.0	0.0	0.0	6.1
18	16.0	25.0	19.7	82.7	19.097	16.8	0.0	0.0	0.0	3.0
19	17.0	25.5	19.6	81.4	18.556	16.3	0.0	0.1	0.1	3.6
20	15.5	25.0	19.0	80.7	17.735	15.6	4.6	0.0	4.6	6.4
21	13.5	25.0	19.2	80.0	17.596	15.5	0.0	0.0	0.0	5.9
22	14.0	26.0	19.1	81.6	18.252	16.0	0.0	0.0	0.0	6.2
23	13.5	29.5	20.9	75.3	17.606	15.3	0.0	0.0	0.0	7.5
24	13.6	28.0	21.3	74.6	18.502	16.6	0.0	0.0	0.0	8.7
25	13.3	28.0	20.6	78.6	18.667	16.3	0.0	0.0	0.0	9.4
26	17.3	27.5	21.1	79.5	19.571	17.5	0.0	0.0	0.0	9.3
27	17.0	27.5	20.9	82.1	20.544	17.9	0.0	0.0	0.0	7.4
28	16.4	27.0	20.1	80.5	19.155	16.8	0.0	0.0	0.0	6.3
29	16.8	25.0	19.5	80.2	18.357	16.1	0.0	0.0	0.0	4.8
30	13.6	28.5	20.8	77.2	18.450	16.2	0.0	0.0	0.0	7.7
31	17.5	26.0	20.1	77.0	17.507	15.7	0.0	0.3	0.3	6.5
PROM.	15.5	26.8	20.1	81.0	18.552	16.6	17.0	15.8	32.8	195.2

ESTACION: JULIO FERNANDEZ

MUNICIPIO: FESTEPEO

AÑO: 1.980

ALTITUD: 1.360

LATITUD: 3-45 N.

LONGITUD: 76-31 W.

249

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	24.0	18.6	84.1	18.354	16.2	0.8	0.0	0.8	2.0
2	13.6	26.5	19.7	81.4	18.454	16.2	0.0	15.7	15.7	5.6
3	15.6	25.5	20.1	84.0	18.621	17.2	2.8	0.0	2.8	7.3
4	17.0	27.0	20.8	78.2	18.550	16.7	6.3	0.0	6.3	7.0
5	15.0	27.0	15.5	87.5	18.725	17.3	9.8	0.0	9.8	5.0
6	14.4	26.5	19.8	83.2	18.052	16.7	0.0	0.0	0.0	3.7
7	15.0	25.5	19.7	85.4	18.646	17.2	0.0	0.0	0.0	1.6
8	17.0	26.5	20.3	83.3	18.526	17.4	0.0	25.1	25.1	5.3
9	17.0	26.0	20.4	84.5	20.464	17.9	16.1	0.0	16.1	4.3
10	16.0	26.0	20.7	81.7	19.617	17.4	0.0	0.0	0.0	5.7
11	16.0	26.5	20.5	80.4	18.266	16.9	0.0	0.0	0.0	6.0
12	17.4	25.6	21.1	81.4	20.824	17.9	0.0	0.3	0.3	4.5
13	17.0	26.5	20.5	82.4	20.050	17.6	0.0	1.2	1.2	5.8
14	17.0	23.3	18.3	87.1	18.718	17.3	0.0	0.0	0.0	0.1
15	16.4	23.0	18.9	82.7	18.255	16.0	0.0	0.0	0.0	0.6
16	15.2	25.5	20.1	79.6	18.636	16.4	0.0	0.0	0.0	4.2
17	15.5	26.0	20.2	82.1	18.567	17.2	0.0	0.0	0.0	6.9
18	17.0	24.4	19.6	81.2	18.726	16.4	2.2	0.0	2.2	3.1
19	15.5	25.0	19.1	83.6	18.576	16.3	1.3	1.8	3.1	1.2
20	14.3	23.6	18.8	83.5	18.143	16.0	0.0	0.0	0.0	5.1
21	17.0	24.4	19.0	83.6	18.462	16.2	0.0	0.0	0.0	3.7
22	13.0	24.4	19.6	80.0	18.023	15.9	0.0	0.0	0.0	5.5
23	16.5	27.0	15.5	85.2	18.205	16.8	4.0	0.0	4.0	6.9
24	17.0	25.5	20.1	83.6	18.555	17.5	0.0	0.0	0.0	5.6
25	16.5	27.0	21.0	79.7	18.665	17.4	0.9	0.0	0.9	4.7
26	17.0	25.5	19.4	83.4	18.556	16.7	0.0	0.0	0.0	5.0
27	16.7	26.0	15.6	83.0	18.189	16.2	0.0	0.0	0.0	6.2
28	15.6	24.5	16.9	83.2	18.238	16.0	1.1	0.0	1.1	2.7
29	14.5	25.5	20.3	80.4	18.063	16.8	0.0	11.7	11.7	3.9
30	16.0	23.5	19.1	85.7	18.111	16.6	0.4	0.0	0.4	3.0
PROM.	15.9	25.5	19.8	82.8	19.151	16.6	45.7	55.8	101.5	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	14.6	25.5	19.2	84.4	18.552	16.6	0.0	0.0	0.0	7.3
2	16.6	25.5	20.0	81.0	19.163	16.2	0.0	0.0	0.0	6.5
3	16.3	26.5	20.3	80.0	18.059	16.7	0.0	27.1	27.1	7.8
4	15.3	26.0	15.0	88.6	19.564	17.1	4.5	12.5	17.0	3.7
5	16.5	23.4	18.8	82.5	17.553	15.8	15.4	1.8	17.2	1.7
6	15.5	25.0	19.3	83.2	18.654	16.4	1.1	0.2	1.3	1.2
7	15.2	24.2	19.1	81.6	18.030	15.2	0.0	0.5	0.5	1.7
8	15.6	25.0	15.4	83.0	18.535	16.6	0.0	0.0	0.0	3.3
9	15.6	25.0	15.3	83.5	18.675	16.4	0.5	11.9	12.4	3.8
10	16.0	21.5	17.8	85.0	17.714	15.6	9.9	0.0	9.9	0.2
11	11.8	26.0	19.1	79.7	17.415	15.2	5.1	0.0	5.1	6.4
12	16.4	25.0	19.7	83.5	18.406	17.0	0.0	0.0	0.0	5.5
13	15.6	25.6	19.8	82.2	18.054	16.2	0.0	0.0	0.0	7.7
14	15.3	26.0	20.4	83.9	20.351	17.8	0.0	0.0	0.0	7.6
15	16.4	23.3	16.5	84.0	18.042	15.5	1.2	0.0	1.2	2.8
16	13.5	25.0	15.0	84.4	18.476	16.2	0.0	0.3	0.3	5.7
17	16.0	23.0	18.4	87.7	18.674	16.6	2.6	0.3	2.9	0.6
18	16.0	25.0	19.4	83.7	18.542	16.7	5.4	3.0	8.4	2.7
19	15.0	26.0	19.8	83.8	18.245	16.5	0.0	0.7	0.7	7.2
20	16.0	24.1	19.5	77.8	17.544	15.4	1.5	0.0	1.5	2.6
21	14.4	27.0	20.1	80.5	19.025	16.7	1.0	1.2	2.2	5.9
22	16.5	26.0	20.8	83.2	20.669	18.2	0.0	0.0	0.0	7.5
23	17.0	24.0	15.9	84.3	18.625	17.2	1.0	0.0	1.0	1.6
24	16.5	24.0	19.1	81.2	20.458	17.8	1.7	0.0	1.7	5.0
25	15.6	26.0	20.0	80.7	18.754	16.5	0.4	0.0	0.4	4.9
26	16.5	26.0	20.4	80.5	19.177	16.6	0.4	0.0	0.4	5.9
27	16.6	25.5	15.3	90.1	20.314	17.7	0.0	0.0	0.0	7.2
28	17.0	27.0	21.2	77.5	19.544	17.1	0.0	1.2	1.2	7.8
29	16.8	22.5	18.0	84.1	18.725	17.3	10.5	0.0	10.5	0.0
30	12.0	26.0	19.0	81.0	17.421	15.2	0.0	0.4	0.4	0.1
31	16.5	26.0	20.3	82.2	18.764	17.3	0.0	0.0	0.0	8.7
PROM.	15.6	25.1	19.5	83.6	18.557	16.6	60.8	61.1	121.9	148.6

ESTACION: JUL IC FERNANDEZ
ALTITUD: 1.360

MUNICIPIO: RESTREPC
LATITUD: 3-49 N.

AÑO: 1.980
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	16.5	25.5	20.5	82.4	20.242	17.7	0.0	20.7	20.7	7.4
2	16.5	22.2	16.4	81.7	15.421	17.0	7.4	0.0	7.4	1.1
3	11.3	25.4	18.2	84.1	17.584	15.3	5.5	0.1	5.6	5.7
4	14.5	25.0	18.9	84.7	18.534	16.3	0.0	0.2	0.2	5.5
5	16.0	22.5	17.6	86.2	17.557	15.4	0.0	0.9	0.9	0.5
6	14.6	24.5	18.3	84.3	17.557	15.6	5.0	5.8	10.8	4.6
7	16.2	20.5	17.4	89.7	17.573	15.7	14.8	0.0	14.8	1.5
8	13.0	25.3	18.5	82.6	17.622	15.5	0.0	0.0	0.0	8.6
9	8.5	25.4	17.0	84.7	16.410	14.3	0.0	0.0	0.0	7.2
10	13.6	24.0	18.5	82.3	17.566	15.4	0.0	0.8	0.8	7.1
11	16.0	24.4	19.2	85.8	19.367	17.0	0.0	0.7	0.7	0.4
12	16.0	22.6	18.6	84.9	18.174	16.0	0.0	0.0	0.0	3.1
13	15.5	24.0	18.4	84.2	17.645	15.7	1.3	0.7	2.0	5.1
14	15.6	23.5	19.0	84.5	18.711	16.4	0.0	0.0	0.0	3.2
15	15.6	22.5	18.1	90.9	15.213	16.8	12.1	2.5	14.6	4.8
16	15.0	24.5	18.8	85.8	18.643	16.4	1.6	0.0	1.6	4.6
17	16.0	24.5	19.2	87.2	19.541	17.1	0.0	0.0	0.0	3.8
18	16.0	24.5	18.7	80.7	17.596	15.3	0.0	0.0	0.0	8.7
19	13.0	25.0	19.2	81.7	18.237	16.1	0.0	0.0	0.0	5.1
20	15.0	26.0	19.7	80.3	18.372	16.2	0.0	6.9	6.9	5.1
21	16.6	23.5	18.8	86.7	18.541	16.6	0.0	0.0	0.0	5.4
22	16.0	22.5	19.1	84.8	19.208	16.6	6.3	0.0	6.3	4.4
23	15.6	22.5	16.1	86.1	19.315	16.9	0.0	0.9	0.9	3.2
24	16.5	24.6	18.6	87.8	19.171	16.8	0.0	0.0	0.0	2.7
25	14.5	24.6	18.6	83.8	18.166	16.0	1.5	0.0	1.5	8.0
26	16.5	25.0	20.1	83.8	19.744	17.3	1.1	2.2	3.3	2.7
27	17.0	23.5	20.1	86.5	20.153	17.6	0.0	0.0	0.0	1.9
28	17.0	26.0	20.7	82.1	20.255	17.7	0.0	7.8	7.8	8.5
29	16.6	24.3	19.2	83.4	18.571	16.6	0.0	0.0	0.0	5.9
30	13.0	24.6	18.5	86.8	16.225	16.3	0.3	8.5	8.8	7.7
PROM.	15.1	24.2	18.8	85.0	18.625	16.3	57.7	78.2	135.9	150.6

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	15.5	24.5	19.0	79.4	17.416	15.3	0.3	0.0	0.3	5.3
2	14.5	26.0	19.4	81.5	17.588	15.8	0.0	0.7	0.7	8.0
3	16.5	25.8	19.1	81.7	18.441	16.2	0.0	0.0	0.0	6.2
4	15.6	26.0	19.9	82.7	19.453	17.0	0.0	0.0	0.0	6.4
5	15.6	25.0	20.3	81.6	19.343	17.0	0.0	0.0	0.0	6.7
6	17.0	26.0	20.3	81.0	19.386	17.0	0.0	0.0	0.0	9.0
7	16.0	26.9	20.5	83.2	20.100	17.6	3.8	0.0	3.8	4.2
8	16.7	24.6	18.9	94.4	21.131	16.3	1.9	0.1	2.0	0.0
9	15.0	25.8	19.7	78.6	18.115	15.9	1.8	0.0	1.8	3.4
10	15.0	25.5	19.9	81.6	18.551	16.6	0.0	0.3	0.3	7.5
11	17.0	27.5	19.9	81.0	18.532	16.6	0.0	0.0	0.0	6.1
12	15.5	26.5	19.3	77.0	17.348	15.3	0.0	0.0	0.0	4.8
13	15.5	25.0	19.5	81.4	18.259	16.1	0.0	0.0	0.0	5.9
14	12.5	25.8	18.6	86.8	18.442	16.2	0.0	2.5	2.5	3.9
15	16.0	25.0	19.5	81.2	18.514	16.3	2.7	0.0	2.7	3.9
16	15.5	26.9	19.8	80.9	18.703	16.4	0.0	12.9	12.9	2.2
17	16.0	20.0	17.3	86.0	17.047	15.0	1.8	0.0	1.8	0.0
18	12.5	24.6	18.3	82.5	17.277	15.2	0.0	0.0	0.0	4.0
19	13.5	25.5	19.1	80.9	17.663	15.6	0.0	6.8	6.8	5.9
20	16.0	20.5	17.8	87.2	18.008	15.8	2.1	0.0	2.1	0.0
21	14.5	26.0	19.2	78.8	17.755	15.6	0.0	0.0	0.0	6.4
22	14.4	24.5	18.4	90.8	19.329	16.9	3.6	0.3	3.9	4.1
23	14.6	23.0	18.6	81.9	18.740	16.5	0.0	0.0	0.0	7.8
24	14.0	27.0	19.7	80.8	18.567	16.3	0.0	0.0	0.0	8.2
25	16.5	22.0	18.5	87.8	18.848	16.6	14.6	0.6	15.2	0.3
26	13.6	25.0	18.3	78.7	18.379	14.4	19.5	0.0	19.5	4.2
27	12.5	25.0	18.7	78.3	18.657	14.8	0.0	0.0	0.0	7.4
28	14.0	22.0	16.3	91.4	17.265	15.2	14.0	0.0	14.0	0.9
29	10.4	24.5	17.6	82.2	18.379	14.3	0.0	0.0	0.0	6.3
30	15.0	25.0	19.2	84.8	18.572	16.3	0.0	5.8	5.8	4.8
31	14.0	23.5	19.8	81.6	18.758	16.5	0.2	0.0	0.2	3.5
PROM.	14.9	25.0	19.1	82.8	18.322	16.1	66.3	30.0	96.3	151.2

ESTACION: JULIO FERNANDEZ

MUNICIPIO RESTREFO

AÑO: 1.980

ALTITUD: 1.360

LATITUD: 3-49 N.

LONGITUD: 76-31 W. 251

MESES	TEMPERATURA °C					Humedad relativa o/o	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días Huevas	
ENERO											
FEBRERO	16.5	25.5	20.3	15.0	27.0	62.6	19.469	17.1	89.9	18	166.3
MARZO	16.5	26.7	20.7	13.5	29.0	61.5	19.863	17.4	55.8	10	181.5
ABRIL	15.8	26.2	20.3	11.0	28.6	62.6	19.650	17.2	85.5	17	148.6
MAYO	16.4	25.9	20.5	14.0	27.6	62.7	20.041	17.5	77.6	10	150.1
JUNIO	16.2	25.8	20.2	13.5	26.5	64.3	20.063	17.5	137.0	15	145.4
JULIO	15.6	25.9	20.1	13.4	26.6	62.1	19.283	16.9	42.4	14	190.8
AGOSTO	15.5	26.6	20.1	13.0	29.5	61.0	18.998	16.6	32.8	10	195.2
SEPTIEMBRE	15.9	25.5	19.8	13.0	27.0	62.6	19.191	16.8	101.5	16	132.8
OCTUBRE	15.0	25.1	19.5	11.6	27.0	63.6	18.997	16.6	121.5	20	148.6
NOVIEMBRE	15.1	24.2	18.8	8.5	26.0	65.0	18.625	16.3	135.5	20	150.6
DICIEMBRE	14.9	25.0	19.1	10.4	27.5	62.8	18.322	16.1	96.3	18	151.3
PROMEDIO				12.6	26.1						
TOTAL											

ESTACION: LLANADAS
 ALTITUD: 1.420

MUNICIPIO: MANZANARES
 LATITUD: 5-15 N.

AÑO: 1.980
 LONGITUD: 75-04 W. 252

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	11.8	0.0		1.6	33.4	27.1	0.2	0.2	9.6	34.7	9.7	46.7
2	0.0	0.0		0.0	22.4	12.4	1.0	1.0	1.0	16.4	1.0	40.3
3	0.0	38.0		0.0	2.9	1.1	0.0	0.0	0.0	29.8	3.6	0.0
4	0.0	21.0		0.0	6.6	0.0	0.0	4.0	48.6	18.4	28.4	0.0
5	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.1	0.0
6	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	9.6	7.3	5.7
7	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	2.3	0.0
8	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	7.0	6.7	0.2
9	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	6.8	0.0	1.2
10	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	4.4	4.4	1.0
11	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	7.4	8.4
12	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.9	4.3
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	4.2	36.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	9.4	6.4
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.8	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	19.9	8.7	2.7
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.9	2.0	6.7
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.1	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	12.3	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.8	0.0	0.2	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.2	6.6
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	7.4
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
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	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0
Total D.LI.	59.8 8			220.2 19	238.7 23	132.1 16	111.3 13	124.2 15	205.9 16	332.1 23	176.1 25	271.8 19
TOTALES ANUALES												Días lluvia

E 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	3.1	2.0		7.2	3.4	7.2	2.2	7.4	7.8	0.2	4.1	0.0
2	5.8	4.0		5.7	6.2	1.1	7.8	6.8	7.5	3.5	6.7	1.8
3	5.0	2.2			4.9	7.0	7.7	7.4	2.5	6.3	2.5	6.2
4	7.1	6.2		6.8	0.0	7.7	7.6	7.2	5.5	2.4	4.5	2.7
5	7.9	6.5			0.3	4.1	7.6	6.4	6.4	4.1	0.4	6.5
6	7.7	4.7			0.0	2.1	4.2	5.8	7.9	5.3	0.0	5.2
7	6.9	3.0			0.8	6.9	2.2	3.5	4.5	0.0	1.9	3.1
8	6.6	5.6			6.6	6.6	7.5	6.8	7.8	1.8	0.2	0.8
9	6.5	5.1		1.4	6.9	5.4	2.1	6.3	6.5	7.2	0.7	4.8
10	4.5	2.8		1.2	3.2	1.5	0.0	4.1	5.7	0.7	4.9	7.2
11	4.9	1.3	2.4	4.6	1.3	5.4	4.7	7.1	6.6	6.4	0.0	6.3
12	4.4	2.5		5.3	6.4	1.8	7.8	5.2	7.0	5.8	0.4	7.0
13	4.4	1.4	1.0	5.5	0.0	3.8	1.6	3.9	7.7	6.7	5.5	5.8
14	2.2	0.4	0.4	4.2	0.3	1.0	5.4	2.8	6.6	7.7	2.2	3.8
15	4.1	3.5	4.0	2.0	0.5	7.7	2.3	7.3	3.2	6.5	5.9	3.4
16	4.2	5.1	4.5	6.6	3.6	7.3	6.6	7.0	1.9	2.9	0.0	3.7
17	4.0	1.4		4.2	4.1	7.2	4.2	4.8	6.8	4.9	3.1	4.0
18	6.0	2.3	0.8	4.0	3.4	6.0	6.1	6.9	5.4	0.9	4.3	3.8
19	2.0	7.7	3.8	8.1	7.8	3.1	2.2	6.4	2.1	6.5	7.1	2.1
20	4.9	7.8	3.8	2.7	7.9	1.0	6.5	6.7	7.6	4.1	5.1	4.4
21	3.0	7.4	3.4	6.2	4.0	3.6	6.2	7.3	3.4	7.1	7.1	4.1
22	7.0	2.2	2.2	4.1	6.7	7.3	7.2	6.8	0.9	6.9		6.1
23	8.5	4.3	4.8	0.4	1.4	2.9	5.1	5.0	7.9	4.1		4.6
24	8.4	5.4	7.5	0.4	4.7	7.4	2.1	7.9	7.9	6.9		6.2
25	1.7	5.6	5.0	5.5	3.3	7.5	6.4	8.2	6.8	7.0		6.9
26	6.7	5.6	4.0		3.3	5.8	7.7	8.4	6.0	0.0		6.0
27	0.6	6.6	6.9		7.1	2.2	3.4	8.1	6.3	4.8		6.2
28	6.7	6.6	4.2		4.4	1.5	4.1	5.6	2.6	8.0		6.5
29	3.1	3.0	4.1		4.4		2.2	6.8	6.7	6.2		7.1
30	0.7	0.6	7.6	7.2	0.0		7.4	4.9	5.0	2.1	5.5	2.9
31	4.9	0.0		0.0	4.9	0.0	5.2	6.7	0.0		0.0	4.5
Total	153.6	130.5			134.1		174.7	200.2	170.5	139.7		140.5
TOTAL ANUAL -												

ESTACION: MESITAS DE SANTA INES
 ALTITUD: 1.250

MUNICIPIO: CACHIPAY
 LATITUD: 4-40 N.

AÑO: 1.980
 LONGITUD: 74-28 W. 253

L L U V I A E N M I L I M E T R O S												
DÍAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1		18.1	0.0	0.0	11.1	5.8	0.0	0.8	10.3	0.0	22.4	23.9
2		8.8	0.0	3.3	6.9	15.3	12.3	0.0	0.2	0.0	7.2	3.4
3		33.0	1.0	1.6	6.0	5.2	0.0	1.4	0.2	7.2	5.1	46.3
4		9.1	0.0	0.1	0.0	0.0	0.0	0.5	16.0	5.4	0.0	0.0
5		0.0	1.0	2.1	0.0	0.0	0.0	0.1	1.8	3.1	0.0	0.0
6		0.0	0.0	0.0	10.0	1.3	0.0	0.0	0.0	9.7	0.0	0.0
7		0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	1.9	0.0	0.0
8		2.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	0.8	0.0	0.0
9		0.0	0.0	1.1	0.0	4.6	0.0	0.0	0.2	1.1	0.0	0.0
10		6.4	0.0	1.1	0.0	0.0	3.0	0.0	0.2	0.3	0.0	0.0
11		0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	5.7	1.0	0.0
12		0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	0.1	0.0	0.0
13		4.0	0.0	1.0	0.0	0.5	0.0	0.0	0.3	0.0	17.1	0.0
14		4.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.8	0.0	0.4
15		0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.9	4.3
16		0.0	0.0	0.0	0.0	0.7	0.0	1.0	1.3	16.1	11.8	0.0
17		0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	16.9	21.9	1.1
18		0.0	0.0	0.0	1.5	1.2	0.0	0.0	76.9	0.0	20.6	7.7
19		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.6	18.4
20		16.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	4.9
21		10.0	0.0	0.0	0.0	0.0	1.0	0.0	0.5	0.0	0.0	0.0
22		2.4	0.0	0.0	0.0	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	1.0	0.0	0.0	5.3	0.0	10.1
24		0.0	0.0	0.0	10.0	1.1	0.0	0.0	0.0	2.6	14.2	0.0
25		0.0	0.0	0.0	0.0	1.2	0.0	0.0	1.5	1.8	0.4	0.0
26	8.5	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	5.6
28	10.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	7.8
29	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	0.0	3.1	8.1
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	0.1	0.0	1.4
31	0.7	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.9	0.0	5.2
Total		35.8	6.3	72.9	88.0	162.3	30.8	147.7	157.5	98.9	130.1	149.4
D. Li.		15	5	19	18	15	8	11	15	17	14	18
TOTALES ANUALES									m.m.		Días Huvia	

E R I L L O S O L A F E N H O R A S												
DÍAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	5.9	1.5	6.3	9.4	1.3	0.3	7.6	5.9	5.1	0.6	4.9	4.9
2	1.5	0.9	6.2	2.7	6.9	0.7	6.8	7.3	5.9	6.7	3.5	3.8
3	4.8	0.6	2.1	7.6	2.8	0.8	5.4	6.4	3.1	7.0	1.5	3.5
4	10.2	3.4	4.4	5.2	4.5	2.0	5.1	7.1	7.5	7.5	4.7	6.7
5	6.9	4.4	4.6	2.1	2.5	0.6	5.3	2.5	3.4	4.6	2.4	5.4
6	9.2	6.0	4.7	2.3	2.5	0.3	6.3	4.7	6.3	3.5	1.4	4.9
7	8.4	7.2	4.2	4.9	2.5	0.3	7.6	3.5	8.3	4.0	4.4	2.8
8	6.2	6.6	7.4	4.9	4.3	0.7	3.5	5.6	5.4	3.0	9.1	4.6
9	7.6	5.9	5.6	2.5	2.8	1.0	3.6	6.5	4.3	1.5	4.9	8.0
10	7.6	8.2	5.4	5.1	2.7	0.1	5.2	5.7	6.5	5.6	6.1	7.7
11	10.7	8.8	7.6	6.0	2.8	0.1	3.4	9.1	2.8	4.3	1.5	4.5
12	5.5	6.5	5.7	6.2	0.1	0.7	0.0	5.7	0.2	6.8	1.8	7.8
13	4.4	5.8	1.3	5.2	2.2	1.0	7.4	8.3	6.2	7.1	2.2	5.3
14	5.7	10.1	5.5	2.7	0.8	0.9	4.1	0.0	0.6	3.5	5.5	6.7
15	4.7	5.6	7.5	7.8	4.2	0.2	5.2	6.1	1.5	3.9	5.1	3.8
16	2.8	3.1	5.4	6.8	2.1	1.1	5.5	4.9	6.3	0.1	3.2	2.6
17	5.3	4.0	2.1	5.6	2.4	0.4	5.0	2.0	4.4	0.7	5.7	5.7
18	5.7	4.3	1.6	8.1	7.6	0.5	5.2	5.5	1.7	3.0	4.2	4.3
19	4.5	2.0	7.6	4.4	8.3	0.2	4.7	3.4	7.0	3.6	3.2	4.5
20	1.8	1.2	6.5	2.3	4.3	0.0	1.2	7.8	4.1	7.0	4.7	4.7
21	7.6	8.3	2.4	7.1	7.1	0.2	5.6	5.3	5.8	4.9	4.7	4.0
22	2.0	9.7	4.1	3.0	7.2	0.1	7.1	9.5	7.9	2.6	3.8	2.6
23	2.4	5.6	6.0	0.0	4.3	0.0	6.8	8.1	10.0	5.1	0.8	4.5
24	10.6	7.1	2.8	1.4	5.5	0.5	3.5	5.7	2.4	7.2	6.0	2.7
25	4.6	7.6	3.0	1.9	5.5	0.5	3.3	7.1	8.0	2.1	3.0	1.2
26	0.0	6.2	5.9	4.9	5.5	0.4	5.5	6.2	6.0	3.8	2.0	2.3
27	0.0	8.4	5.8	6.4	1.0	0.9	4.7	3.9	4.4	6.4	6.9	1.9
28	5.2	8.2	6.2	4.9	6.6	0.5	4.0	4.4	3.3	5.4	2.7	2.6
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	3.3	0.0	0.6
30	7.6	0.0	5.9	0.0	5.5	0.0	5.2	6.0	0.0	3.8	0.0	3.2
Total	174.6	162.5	158.5	140.6	144.0	154.1	170.6	176.2	152.6	133.3	120.4	130.8
TOTAL ANUAL	1820.4											

ESTACION: LA UNICA
 ALTITUD: 1.800

MUNICIPIO: LA UNION
 LATITUD: 1-37 N.

AÑO: 1.980
 LONGITUD: 77-09 W. 254

L L U V I A E A M I L I M E T R C S												
DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	1.2		0.0	3.0		2.6	0.0	0.0	0.6	0.0	8.1	2.8
2	0.0		0.0	4.7		0.0	0.0	0.0	0.0	0.0	10.9	0.0
3	0.0		0.0	3.6		0.0	0.0	0.0	0.0	1.7	28.5	1.6
4	0.0		0.0	3.5		0.0	0.0	0.0	0.0	18.9	33.7	1.4
5	0.0		0.0	10.0		0.0	0.0	0.0	0.0	40.0	42.0	0.0
6	0.0		0.0	10.0		0.0	0.0	10.0	0.0	44.1	0.0	0.0
7	0.0		0.0	10.0		0.0	0.0	12.5	0.0	1.6	0.0	0.0
8	0.0		0.0	18.0		0.0	0.0	11.1	0.0	3.4	0.0	0.6
9	0.0		0.0	18.0		0.0	0.0	0.0	0.0	4.9	0.0	0.0
10	0.0		0.0	0.0		0.0	0.0	0.0	0.0	1.1	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
12	0.0		0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	1.1		0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	7.2		0.0	17.0		0.0	0.0	0.0	0.0	0.0	5.0	0.0
15	7.3		0.0	0.0		0.0	0.0	0.0	0.0	1.0	18.4	0.0
16	14.6		0.0	0.0		0.0	0.0	0.0	0.5	10.9	1.1	0.1
17		0.0	0.0	0.0		0.0	0.0	0.0	0.0	19.3	0.0	2.9
18		0.0	0.0	0.0		0.0	0.0	0.0	24.7	1.2	8.4	0.0
19		0.0	0.0	0.0		0.0	0.0	0.0	32.2	1.4	24.9	0.0
20		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	7.5	41.9
21		0.0	0.0	0.0		0.0	0.0	0.0	3.4	0.0	19.0	0.0
22		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	7.1	0.0
23		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	6.0	0.0
24		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	27.8	0.0
25		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	56.0
26		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	31.0	1.1
27		0.0	0.0	0.0		0.0	0.0	0.0	1.1	0.0	8.9	3.7
28		0.0	0.0	0.0		0.0	0.0	0.0	1.3	0.0	0.0	2.3
29		0.0	0.0	0.0		0.0	0.0	0.0	18.3	0.0	11.7	3.9
30		0.0	0.0	0.0		0.0	0.0	0.0	20.3	0.0	15.0	1.6
31		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.3
Total			26.0			30.9	0.6	25.3	144.2	212.2	314.9	232.4
D. Li.			9			11	2	5	10	16	15	21
TCTALES ANUALES										m.m.		Días
												lluvia

E R I L L O S G L A R E N H G R A S												
DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.5		6.3	9.4		1.3	7.7	4.2	7.8	2.3	7.0	4.4
2	0.5		1.0	0.8		0.4	7.4	9.9	6.4	4.7	0.8	4.0
3	1.3		0.5	3.8		2.1	4.7	9.7	9.7	6.6	5.5	2.4
4	0.0		4.6	1.3		7.7	10.3	5.3	6.0	2.2	1.3	2.5
5	0.5		3.5	2.1		8.0	10.7	7.9	3.1	1.5	0.1	2.3
6	4.4		4.1	3.0		8.1	8.7	3.4	8.7	0.6	4.6	5.8
7	4.3		3.4	4.6		6.4	6.0	1.8	3.7	1.8	6.9	1.9
8	3.6		5.2	4.6		7.5	5.2	3.2	4.6	2.3	11.0	2.7
9	5.5		7.1	1.6		4.2	4.5	0.5	2.8	4.0	5.0	2.1
10	7.5		6.1	0.5		3.0	3.7	6.9	9.0	1.4	6.3	1.3
11	7.6		4.1	6.1		1.0	6.2	6.0	8.0	5.4	4.3	7.6
12	7.6		4.1	9.9		0.6	5.3	5.9	5.5	5.6	3.3	3.4
13	0.2		4.8	2.2		5.9	7.2	5.9	4.8	4.2	1.9	2.1
14	0.1		1.9	2.6		7.7	7.2	5.9	7.7	2.5	0.5	2.3
15			2.9	6.7		6.4	7.8	6.4	4.8	1.7	1.7	1.2
16		0.0	3.3	5.3		4.0	6.6	5.5	2.3	3.7	2.5	1.6
17		10.0	6.3	7.7		6.7	6.5	3.8	5.6	1.2	1.6	0.7
18		11.9	7.7	5.6		6.4	7.6	3.0	4.1	0.0	1.2	4.2
19		10.0	7.0	5.9		6.7	6.6	5.4	0.2	2.9	3.3	2.0
20		3.3	2.6	4.4		6.4	4.2	6.2	3.4	4.3	0.5	1.6
21		3.3	2.4	2.2		7.0	4.6	5.0	4.4	5.9	0.7	2.1
22		3.4	2.5	0.0		7.0	6.0	7.6	2.9	4.1	0.0	2.5
23		3.4	2.7	0.0		7.1	6.2	7.6	2.9	4.1	0.0	2.8
24		3.5	2.8	0.0		7.1	6.3	7.5	2.3	5.9	0.0	4.4
25		3.6	2.8	0.0		7.2	6.3	7.5	2.4	5.9	0.0	4.4
26		3.6	2.9	0.0		7.3	6.4	7.5	2.4	5.9	0.0	5.0
27		3.6	2.9	0.0		7.3	6.4	7.5	2.4	5.9	0.0	5.0
28		3.6	2.9	0.0		7.3	6.4	7.5	2.4	5.9	0.0	5.0
29		3.6	2.9	0.0		7.3	6.4	7.5	2.4	5.9	0.0	5.0
30		3.6	2.9	0.0		7.3	6.4	7.5	2.4	5.9	0.0	5.0
31		3.6	2.9	0.0		7.3	6.4	7.5	2.4	5.9	0.0	5.0
Total			34.3			75.0	212.7	198.2	150.3	107.9	56.9	54.1
TOTAL ANUAL -												

ESTACION: EL SEN#
 ALTITUD: 1.550

MUNICIPIO: ARMENIA
 LATITUD: 4-33 N.

ARO: 1.580
 LONGITUD: 75-40 W. 255

DIAS	L L U V I A E N M I L I M E T R O S											
	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	6.9	38.8	0.0	0.0	6.7	30.6	0.0	0.0	8.2	0.0	0.0	15.4
2	0.4	43.3	3.0	37.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7
3	0.0	14.1	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.0
4	0.0	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	32.1	0.0	11.0	0.0	1.2	18.0	0.0	0.0	0.0	0.0	0.0
6	0.0	10.2	0.0	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
8	0.0	0.0	0.0	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.4
9	4.4	0.0	0.0	0.0	8.0	15.2	0.0	0.0	0.0	0.0	0.0	13.3
10	9.4	0.0	0.0	12.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	1.8
11	9.8	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.9
12	8.5	0.0	0.0	0.0	0.0	15.8	0.0	0.0	0.0	0.0	0.0	51.0
13	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
14	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.1
15	22.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
16	4.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
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	2.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
19	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2
20	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
21	0.0	34.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	2.8	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	1.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	75.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4
29	28.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
30	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9
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	224.3	403.1	31.4	212.4	253.2	167.2	55.4	53.8	99.7	253.2	211.4	506.1
D.Ll.	16	21	10	17	18	14	10	10	4	22	23	23
TOTALES ANUALES	2494.6										m.m.	165
											Dias	Dias
											lluvia	lluvia

DIAS	E R I L L O S O L A R E N H C R A S											
	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	1.3	1.7	6.1	3.6	1.9	0.0	6.4	6.7	4.3	1.4	1.1	1.7
2	2.3	1.6	6.8	3.2	2.9	2.8	6.4	6.6	3.9	6.5	0.5	6.7
3	4.6	0.6	4.2	3.2	5.0	6.2	10.3	4.6	6.9	0.7	1.8	2.8
4	6.0	1.6	4.9	3.6	4.1	5.1	10.3	2.6	8.0	1.6	2.6	4.6
5	4.7	4.4	3.1	1.5	5.1	4.6	8.8	4.2	8.3	0.1	2.4	3.5
6	7.4	3.6	4.7	3.0	4.9	5.6	8.2	4.1	8.0	0.9	6.6	8.3
7	6.7	6.6	3.5	1.1	3.2	5.5	6.8	1.8	4.2	2.4	8.4	0.1
8	8.1	3.3	5.4	8.0	1.3	4.9	4.5	8.3	7.0	2.9	8.5	0.0
9	4.5	3.3	4.5	8.9	5.5	4.1	4.4	3.7	5.0	4.0	7.9	3.8
10	5.6	6.9	3.3	8.2	4.5	1.0	1.0	7.7	5.5	2.0	5.5	0.7
11	4.5	6.1	4.6	9.0	4.4	1.5	4.4	6.8	6.8	6.6	4.0	4.9
12	5.5	6.9	3.0	8.8	5.9	1.0	4.8	8.9	3.3	5.5	2.2	0.0
13	3.2	7.1	3.9	6.8	2.2	0.0	0.0	7.7	7.7	6.0	0.0	0.0
14	6.4	6.5	3.7	7.0	0.0	1.0	0.0	4.1	1.7	4.4	1.1	3.5
15	0.9	7.1	4.0	7.7	0.0	10.3	0.0	8.1	1.7	5.9	4.3	0.0
16	1.4	3.7	4.0	7.7	0.0	7.7	6.6	9.8	10.1	7.7	4.1	4.2
17	0.9	3.5	1.4	5.1	3.3	5.5	6.5	4.8	0.0	3.5	5.5	2.0
18	3.7	2.8	3.8	4.3	0.0	4.2	6.2	3.5	0.0	0.0	3.3	4.2
19	2.2	3.8	4.5	5.3	0.0	2.3	6.2	4.8	3.2	2.2	3.3	2.0
20	6.1	1.0	3.3	1.6	6.2	1.8	5.5	4.8	3.3	4.2	4.5	4.9
21	9.5	2.6	4.9	3.1	1.0	1.0	10.1	6.7	1.1	6.6	6.6	2.2
22	4.9	4.1	3.6	3.5	4.2	4.7	5.8	6.1	1.1	8.6	5.0	3.9
23	4.8	6.0	3.3	4.1	3.1	8.0	5.0	8.8	9.0	6.8	4.0	0.0
24	5.3	5.0	6.0	0.0	2.5	5.0	7.5	9.1	3.3	4.8	8.2	0.0
25	6.3	3.1	6.0	1.8	3.4	4.3	7.2	9.6	4.9	1.9	3.3	0.0
26	7.6	2.9	5.0	3.2	1.2	2.0	5.5	9.2	1.2	3.8	3.0	3.8
27	7.5	6.4	5.0	5.8	6.8	6.4	4.2	4.8	4.2	3.1	4.5	7.2
28	1.0	8.6	5.5	2.1	5.6	8.6	5.4	5.9	1.2	4.8	2.5	6.2
29	4.3	6.0	6.7	3.5	5.5	8.2	8.2	2.0	3.7	1.9	1.6	5.8
30	0.2	0.0	4.7	4.9	2.6	6.6	3.8	7.2	2.2	7.6	3.8	0.2
31	3.6	0.0	5.6	0.0	2.1	4.0	6.3	3.7	0.0	1.0	0.0	2.4
Total	139.2	31.4	153.3	128.1	124.9	153.9	205.1	182.9	136.9	105.3	102.9	116.2
TOTAL ANUAL	1680.3											

ESTACION: AGUAS ELANCAS

MUNICIPIO: SAN VICENTE

AÑO: 1.980

ALTITUD: 1.200

LATITUD: 6-57 N.

LONGITUD: 73-26 W. 256

L L U V I A E N M I L I M É T R O S													
DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	1.0	5.2	0.0	0.0	0.0	0.0	0.0	15.6	3.9	0.0	24.7	1.3	
2	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	5.2	2.6	0.0	0.0	
3	0.0	7.8	33.1	0.0	0.0	0.0	0.0	0.0	0.0	34.4	0.5	0.0	
4	0.3	8.5	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	
5	0.0	8.5	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	2.2	0.0	
6	0.0	2.4	0.0	0.0	0.0	0.0	0.0	1.1	15.9	16.0	0.0	0.0	
7	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	25.5	0.6	
8	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.6	25.8	45.7	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	3.8	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	4.8	0.0	0.0	0.5	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.6	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.0	2.5	3.3	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.7	0.0	0.2	4.7	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.6	12.1	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	1.5	10.6	0.0	
17	0.4	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	7.5	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.7	6.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
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	0.0	0.0	0.0	0.0	0.0	0.0	
Total	94.6	115.0	115.4	168.4	60.4	17.5	101.5	132.8	127.4	116.4	204.4	73.4	
D.L.	10	11	12	20	15	13	22	20	20	16	15	16	
TOTALES ANUALES	1347.6								m.m.		190		

E 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	3.1	0.4	7.7	10.4	3.6	1.1	6.1	6.6	10.2	3.9	3.1	8.2
2	8.3	0.1	7.4	10.4	3.7	1.6	7.7	8.1		4.3	7.9	1.6
3	5.5	0.4	4.6	3.7	1.0	6.1	6.5	7.4	2.3	3.3	0.9	4.5
4	6.7	1.5	3.2	3.4	7.3	7.8	5.6	9.6	2.3	1.7	3.0	3.3
5	6.6	1.4	4.4	1.4	6.6	5.4	4.4			4.6	6.3	6.9
6	7.4	5.1	4.6	4.6	1.6	2.7	4.9	4.4	0.4	0.7	0.9	3.0
7	5.4	4.0	9.5	0.6	3.5	7.9	6.0	4.7		0.0	5.9	5.1
8	4.8	7.5	7.3	4.2	1.3	4.7	3.4	1.6		5.3	7.0	0.4
9	8.1	7.2	5.2	6.2	4.6	6.5	3.2	6.2	0.0	3.7	7.0	2.7
10	8.2	9.0	5.9	3.9	4.2	3.9	3.9	5.3	7.5	1.7	5.1	4.0
11	4.0	8.6	5.1	6.4	6.6	2.6	6.0		10.1	4.7	5.1	5.9
12	8.9	6.4	5.1	6.2	2.7	1.0	4.0	9.6		5.8	1.6	1.9
13	6.3	9.2	6.6	6.3	3.3	3.0	2.6	5.3	4.4	5.8	2.5	4.5
14	9.3	8.3	6.6	6.4	3.0	5.3	5.6	6.6	6.3	6.1	4.5	4.5
15	7.5	7.7	4.9	0.0	2.5	5.6	5.4	6.3	5.8	4.1	4.2	3.3
16	6.9	6.0	6.0	7.7	6.7	6.4	1.1	3.8		2.4	3.3	2.7
17	2.7	1.5	5.9	4.4	6.0	6.6	7.7	6.8	4.7	1.7	4.4	1.1
18	2.6	4.5	1.9	7.2	1.5	2.9	5.5			2.6	2.4	4.2
19	4.5	4.2	1.5	7.6	6.4	4.1	5.5	4.3	5.7	1.9	5.5	4.5
20	3.6	1.5	0.0	4.3	5.2	1.7	7.7	8.3		3.3	5.5	3.2
21	0.4	4.6	0.0	5.7	4.0	6.0	7.7			3.3	5.5	3.7
22	7.1	6.9	0.0	1.6	1.6	6.2	6.2		4.4	6.4	5.5	4.2
23	4.3	5.7	3.2	0.7	0.0	5.2	5.5		4.7	9.1	4.4	2.0
24	4.3	9.1	5.5	0.2	4.4	7.7	7.9	10.2	8.8	7.7	5.8	0.0
25	7.5	8.5	3.4	3.8	4.2	5.3	3.5		7.2	1.5	4.4	5.0
26	7.4	6.1	6.1	3.8	4.0	4.0	7.7	8.4		1.5	2.0	0.8
27	6.5	8.6	9.9	8.8	3.7	6.6	6.6	7.2	6.3	4.4	1.5	1.5
28	5.9	9.5	8.9	0.4	4.5	3.4	0.0	5.1	1.5	5.6	6.0	3.1
29	5.0	9.5	6.4	0.0	5.5	6.8	0.0		8.1	1.5	4.4	0.3
30	1.5	0.0	7.1	3.6	5.7	6.0	7.5	4.0	0.0	6.2	0.0	1.5
31	1.6	0.0	7.4	3.0	4.7	6.0	0.0		0.0			
Total	172.3	165.0	196.3	137.7	123.9	154.2	156.0			125.9	136.8	105.2
TOTAL ANUAL -												

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

ESTACION: JONAS MUNICIPIO: FRECCIA AÑO: 1.980

ALTITUD: 1.300 LATITUD: E-55 N. LONGITUD: 75-42 W. 261

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	10.0	6.0	0.0	0.0	0.0	15.0	3.0	0.0	4.0	14.0	4.0	0.0
2	13.0	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	5.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
15	18.0	0.0	0.0	0.0	0.0	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	0.0	0.0
17	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	5.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0
Total D. Ll.	73.0 8	56.0 14	36.0 5	163.0 12	270.0 23	161.0 13	174.0 16	139.0 20	213.0 24	351.0 28	165.0 20	
TOTALES ANUALES mm.												Días Huvia

ESTACION: EARILOCPE MUNICIPIO: FRECCIA AÑO: 1.980
ALTITUD: 1.700 LATITUD: E-56 N. LONGITUD: 75-37 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	6.0	0.0	0.0	0.0	11.0	4.0	0.0	0.0	1.0	22.0	0.0	3.0
2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	3.0	8.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	0.0	11.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
15	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0
Total D. Ll.	92.0 10	130.5 9	28.5	114.0 10	253.0 14	162.0 10	107.0 7	71.0 6	164.0 10	211.0 13	110.0 11	116.0 12
TOTALES ANUALES mm.												Días Huvia

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

ESTACION: GUAYMARAL

MUNICIPIO: AGUADAS

AÑO: 1.980

ALTITUD: 1.450

LATITUD: 5-27 N.

LONGITUD: 75-27 W. 262

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	20.0	0.0	0.0	22.0	C.C.	C.C.	C.C.	8.0	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	0.0		
3	0.0	5.0	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	0.0	0.0	0.0	11.0	21.0	0.0	0.0	12.0		
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0		
12	8.0	0.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	36.0		
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0		
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0		
15	21.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
16	15.0	6.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	16.0	0.0	12.0		
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	20.0		
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0		
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	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
23	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
24	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
25	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0		
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	22.0		
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	16.0		
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
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	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0		
Total D.L.	112.0	67.0	15.0	86.0	125.0	61.0	58.0	94.0	100.0	165.0	173.0	190.0		
TCTALES ANUALES											1276.0 mm.		77	Dias lloviz

ESTACION: EL DESCANSO

MUNICIPIO: MARMATO

AÑO: 1.980

ALTITUD: 1.650

LATITUD: 5-25 N.

LONGITUD: 75-38 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1											10.0	0.0		
2											2.0	0.0		
3											6.0	0.0		
4											27.0	0.0		
5											0.0	0.0		
6											17.0	0.0		
7											0.0	0.0		
8											0.0	0.0		
9											3.0	0.0		
10											0.0	0.0		
11											8.0	0.0		
12											10.0	12.0		
13										6	10.0	0.0		
14										10	73.0	0.0		
15										10	0.0	0.0		
16										1	0.0	0.0		
17										13	0.0	6.0		
18										83	0.0	10.0		
19										5	0.0	11.0		
20										25	0.0	0.0		
21										5	0.0	0.0		
22										0	0.0	15.0		
23										0	0.0	4.0		
24										0	0.0	0.0		
25										0	32.0	19.0		
26										0	0.0	10.0		
27										0	0.0	11.0		
28										0	0.0	6.0		
29										0	17.0	0.0		
30										0	1.0	0.0		
31										0	0.0	16.0		
Total D.L.											266.0	111.0		
TCTALES ANUALES											mm.		15	Dias lloviz

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

ESTACION: LLANADAS

MUNICIPIO: LA MERCED

AÑO: 1980

ALTITUD: 1.500

LATITUD: 5-25 N.

LONGITUD: 75-32 W. 264

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	28.0	3.0	0.0	0.0	4.0	5.0	7.0	3.0	3.0	0.0	0.0	5.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
14	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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 D. Ll.	173.0 10	171.0 11	67.0 5	231.0 9	257.0 16	164.0 5	46.0 5	85.0 12	242.0 15	213.0 16	164.0 14	218.0 10
TOTALES ANUALES	2015.0 mm.											132 Días lluvia

ESTACION: TESORITO

MUNICIPIO: MARIZALES

AÑO: 1980

ALTITUD: 2.250

LATITUD: 5-33 N.

LONGITUD: 75-30 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	1.0	0.0	0.0	4.0	12.0	0.0	10.0				
2	0.0	0.0	0.0	0.0	4.0	0.0	0.0	8.0				
3	0.0	11.0	0.0	0.0	1.0	0.0	0.0	26.0				
4	0.0	5.0	0.0	0.0	2.0	0.0	0.0	3.0				
5	0.0	6.0	0.0	0.0	0.0	0.0	0.0	1.0				
6	0.0	0.0	0.0	0.0	4.0	0.0	0.0	3.0				
7	5.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0				
8	7.0	0.0	0.0	0.0	3.0	0.0	0.0	1.0				
9	0.0	0.0	0.0	0.0	7.0	0.0	0.0	3.0				
10	10.0	0.0	0.0	0.0	4.0	0.0	0.0	4.0				
11	6.0	0.0	0.0	0.0	7.0	0.0	0.0	2.0				
12	6.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0				
13	8.0	0.0	0.0	0.0	1.0	0.0	0.0	6.0				
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
15	0.0	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	8.0				
17	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0				
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0				
20	0.0	0.0	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				
22	0.0	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				
24	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				
26	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
27	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
28	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
29	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
30	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
31	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Total D. Ll.	72.0 13	165.0 13	42.0 7	58.0 17	147.0 24	55.0 16	24.0 5	74.5 16				
TOTALES ANUALES	638.5 mm.											Días lluvia

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

ESTACION: SIFILFIA

MUNICIPIO: MANIZALES

AÑO: 1.580

ALTITUD: 1.400

LATITUD: 5-C6 N.

LONGITUD: 75-37 W. 267

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	3.0	3.0	22.0	0.0	5.0	0.0	0.0	0.0	14.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	
3	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
4	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	3.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	26.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	4.0	
17	50.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0	
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
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	18.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	
Total D. Lt.	166.0 10	84.0 5	109.0 5	162.0 11	132.0 13	150.0 5	62.0 4	101.0 10	152.0 8	140.0 8	142.0 9	168.0 10	
TCTALES ANUALES										1608.0 mm.		100	Dias lluvia

ESTACION: JAVA
ALTITUD: 1.780

MUNICIPIO: MANIZALES
LATITUD: 5-C2 N.

AÑO: 1.580
LONGITUD: 75-33 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1											1.0	25.0
2											1.0	1.5
3											0.0	25.0
4											0.0	0.0
5											0.0	0.0
6											0.0	0.0
7											0.0	0.0
8											0.0	0.0
9											0.0	0.0
10											0.0	0.0
11											0.0	0.0
12											0.0	0.0
13											0.0	0.0
14											0.0	0.0
15											0.0	0.0
16											0.0	0.0
17											0.0	0.0
18											0.0	0.0
19											0.0	0.0
20											0.0	0.0
21											0.0	0.0
22											0.0	0.0
23											0.0	0.0
24											0.0	0.0
25											0.0	0.0
26											0.0	0.0
27											0.0	0.0
28											0.0	0.0
29											0.0	0.0
30											0.0	0.0
31											0.0	0.0
Total D. Lt.										71.5 12	110.5 16	239.5 13
TCTALES ANUALES										mm.		Dias lluvia

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

ESTACION: INSTITUTO TECNICO
 ALTITUD: 1.112

MUNICIPIO: SANTANDER
 LATITUD: 3-01 N.

AÑO: 1.980
 LONGITUD: 76-25 W. 268

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	4.0	0.0	46.0	68.0	25.0	0.0	32.0	0.0	10.0	7.0	1.0	
2	0.0	12.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	13.0	4.0	1.0	
3	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	4.0	4.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0	
15	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0	
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
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	
Total D.LL.	92.0	161.0	72.5	161.0	118.0	58.0	9.0	77.0	82.0	244.0	201.0	157.0	
TOTALES ANUALES											1451.5 mm.	113	Días lluvia

ESTACION: FORTACFIELD
 ALTITUD: 1.750

MUNICIPIO: KCSAS
 LATITUD: 2-15 N.

AÑO: 1.980
 LONGITUD: 76-42 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	2.0	0.0	28.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	16.0	26.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0	
15	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0	
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
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	
Total D.LL.	0.0	0.0	50.5	234.5	68.5	52.2	4.5	39.0	150.5	360.5	294.5	533.0	
TOTALES ANUALES											1854.7 mm.	104	Días lluvia

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

ESTACION: SECRETARIA DE AGRICULTURA MUNICIPIO: LA PALMA AÑO: 1.980
 ALTITUD: 1.250 LATITUD: E-21 N. LONGITUD: 74-23 W. 270

DÍAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	12.0	7.0	0.0	7.0	22.0	22.0	2.0	0.0	0.0	3.0	34.0	1.0
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	24.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	36.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
15	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total D.LL.	26.0 5	111.0 6	88.0 7	168.0 14	229.0 14	100.0 5	100.0 10	104.0 7	193.5 11	344.2 23	266.6 12	175.4 16
TOTALES ANUALES								1553.6 mm.	135 Días lluvia			

ESTACION: MONTEREDONCO MUNICIPIO: CUETAME AÑO: 1.980
 ALTITUD: 1.300 LATITUD: 4-15 N. LONGITUD: 73-58 W.

DÍAS	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	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	0.0
3	32.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
15	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total D.LL.	50.0 2	0.0 0	122.0 10	238.0 16	242.0 20	511.0 26	213.0 20	213.0 15	226.0 20	235.0 19	55.0 11	0.0 0
TOTALES ANUALES								2222.0 mm.	159 Días 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: 1.980
 ALTITUD: 1.060 LATITUD: 5-04 N LONGITUD: 74-36 W 271

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DEC.		
1	12.5	0.0	0.0	3.0	11.0	6.0	0.0	0.0	1.5	7.5	3.0	6.0		
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0		
3	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	72.0	0.0	50.0	0.0		
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	2.0	0.0	0.0	0.0	0.0	28.0	18.0	12.0	14.0	0.0		
6	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	7.0	0.0		
7	0.0	0.0	6.0	0.0	16.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0		
8	0.0	0.0	1.0	0.0	33.0	0.0	0.0	14.0	0.0	13.0	0.0	0.0		
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	14.0	0.0	0.0		
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0		
11	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	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	0.0	16.0		
14	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	22.0		
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	3.0	0.0	0.0	0.0		
16	0.0	0.0	3.0	5.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0		
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	28.0	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	0.0		
19	0.0	1.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0		
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	26.0	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	0.0	0.0	0.0	0.0	0.0	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	1.0		
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
25	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	0.0	0.0	0.0	0.0	0.0	0.0		
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.5	0.0	0.0	0.0		
29	11.5	0.0	0.0	0.0	0.0	0.0	0.0	1.5	C.0	0.0	0.0	0.0		
30	2.0	0.0	0.0	0.0	35.0	2.0	0.0	2.0	1.0	0.0	0.0	8.0		
31	0.0	0.0	0.0	0.0	93.0	0.0	0.0	2.0	0.0	0.0	16.0	5.0		
Total D.LL	42.5 6	64.5 6	29.0 4	197.0 9	122.0 5	45.0 5	6.5	58.5 8	168.5 8	149.5 13	149.0 11	143.0 5		
TOTALES ANUALES								1161.0 mm.	90					Dias lluvia

ESTACION: LA CARLINA MUNICIPIO: SAN FRANCISCO AÑO: 1.980
 ALTITUD: 1.665 LATITUD: 4-59 N LONGITUD: 74-17 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DEC.		
1	0.0	41.0	18.0	0.0	21.0	12.0	0.0	0.0	0.0	0.0	9.0	40.0		
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	15.0		
3	0.0	26.0	2.0	9.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0		
4	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	2.0	0.0	0.0	10.0		
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	0.0	6.0	4.0	18.0	1.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0		
8	5.0	3.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0		
9	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
10	28.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	1.0	10.0	0.0	0.0		
11	0.0	0.0	0.0	28.0	0.0	1.0	0.0	0.0	0.0	0.0	10.0	2.0		
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	15.0		
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	12.0		
14	11.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	7.0		
15	5.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	7.0		
16	25.0	31.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	33.0		
17	10.0	30.0	25.0	0.0	0.0	0.0	0.0	0.0	5.0	26.0	6.0	4.0		
18	9.0	16.0	4.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	4.0	18.0		
19	18.0	68.0	0.0	0.0	0.0	4.0	0.0	2.0	2.0	0.0	0.0	19.0		
20	0.0	5.0	0.0	2.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0		
21	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	4.0		
22	0.0	69.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0		
23	0.0	4.0	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	3.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	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	12.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	22.0		
27	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0	12.0		
28	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0		
29	40.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	14.0		
30	1.0	0.0	0.0	2.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	25.0		
31	18.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	1.0	0.0	2.0		
Total D.LL	178.0 12	352.0 16	146.0 10	149.0 14	62.0 11	66.0 10	12.0 5	31.0 7	118.0 10	124.0 10	132.0 14	279.0 22		
TOTALES ANUALES								1661.0 mm.	143					Dias lluvia

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

ESTACION: BELLO HORIZONTE

MUNICIPIO: S. ANTONIO TENA AÑO:

1.980

ALTITUD: 1.380

LATITUD: 4-37 N.

LONGITUD: 74-21 W. 273

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0	13	0	0	0	4	0	4	0	6	29	0
2	0	4	0	0	0	0	0	0	0	0	0	15
3	0	1	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	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
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	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
17	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
19	0	0	0	0	0	0	0	0	0	0	0	0
20	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
22	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
24	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
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0
30	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
Total D.LL	38.0	185.0	45.0	149.0	55.0	55.0	21.0	24.0	23.0	113.0	124.0	109.0
TOTALES ANUALES	922.0 mm.											71

ESTACION: LA MESA

MUNICIPIO: LA PALMA

AÑO: 1.980

ALTITUD: 1.100

LATITUD: 4-50 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	17	30	0
2	0	0	0	0	0	0	0	0	0	0	20	0
3	0	0	0	0	0	0	0	0	0	0	12	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	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
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	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
17	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
19	0	0	0	0	0	0	0	0	0	0	0	0
20	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
22	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
24	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
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0
30	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
Total D.LL	0.0	64.0	74.0	146.0	137.0	66.5	6.0	0.0	109.0	106.0	209.0	414.5
TOTALES ANUALES	1346.0 mm.											68

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

ESTACION: SEC. AGRICULTURA
 ALTITUD: 1.300

MUNICIPIO: LA MESA
 LATITUD: 4-38 N.

AÑO: 1.980
 LONGITUD: 74-28 W. 274

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	17.5	0.0	10.0	9.0	0.0	0.0	40.0
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
15	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0
Total D. LI.	0.0	178.0	78.0	158.0	46.0	46.0	11.0	95.0	108.0	156.0	125.0	151.5
TOTALES ANUALES	1154.0 mm.											62
												Dias lluvia

ESTACION: EL REFUGIO
 ALTITUD:

MUNICIPIO: LA MESA
 LATITUD: 4-39 N.

AÑO: 1.980
 LONGITUD: 74-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	12.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	26.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
15	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0
Total D. LI.	202.0	171.0	35.0	129.0	116.0	124.0	66.0	34.0	131.0	111.0	126.0	276.0
TOTALES ANUALES	1528.0 mm.											105
												Dias lluvia

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

ESTACION: ATALA

MUNICIPIO: VICTA

AÑO: 1.980

ALTITUD: 1.160

LATITUD: 4-24 N.

LONGITUD: 74-28 W. 276

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	4.0	0.0	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	2.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	6.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	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	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	
15	0.0	0.0	0.0	0.0	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	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	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	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	
24	0.0	0.0	0.0	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	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	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	0.0	0.0	0.0	0.0	0.0	
Total D.LL.	24.0	172.0	62.0	106.0	62.0	32.0	4.0	20.0	50.0	72.0	100.0	0.0
TOTALES ANUALES											724.0 mm.	51
												Dias lluvia

ESTACION: LA VUELTA

MUNICIPIO: TIBACUY

AÑO: 1.980

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	5.0	2.0	0.0	0.0	0.0	0.0					
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
3	0.0	5.0	0.0	0.0	0.0	0.0	0.0					
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5	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	0.0	0.0					
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
8	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					
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
15	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					
17	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					
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
20	0.0	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					
22	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					
24	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					
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
30	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	0.0					
Total D.LL.	64.4	27.2	10.0	78.1	75.5	60.5	14.4					
TOTALES ANUALES											mm.	
												Dias lluvia

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

ESTACION: BETHANIA

MUNICIPIO: FUSAGASUGA

AÑO: 1.980

ALTITUD: 1.380

LATITUD: 4-21 N.

LONGITUD: 74-24 W. 277

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	18.0	22.0	3.0								
2	0.0	0.0	0.0	0.0								
3	0.0	0.0	0.0	0.0								
4	0.0	0.0	0.0	0.0								
5	0.0	0.0	0.0	0.0								
6	0.0	33.0	0.0	0.0								
7	0.0	0.0	0.0	0.0								
8	0.0	0.0	0.0	0.0								
9	0.0	0.0	0.0	0.0								
10	0.0	0.0	0.0	0.0								
11	33.0	14.0	0.0	33.0								
12	26.0	0.0	0.0	6.0								
13	0.0	0.0	0.0	0.0								
14	7.0	0.0	0.0	20.0								
15	22.0	0.0	0.0	19.0								
16	25.0	33.0	0.0	11.0								
17	0.0	0.0	0.0	0.0								
18	0.0	0.0	0.0	0.0								
19	0.0	0.0	0.0	0.0								
20	0.0	0.0	0.0	0.0								
21	0.0	0.0	0.0	0.0								
22	0.0	0.0	0.0	0.0								
23	0.0	0.0	0.0	0.0								
24	0.0	0.0	0.0	0.0								
25	0.0	0.0	0.0	0.0								
26	0.0	0.0	0.0	0.0								
27	0.0	0.0	0.0	0.0								
28	0.0	0.0	0.0	0.0								
29	0.0	0.0	0.0	0.0								
30	0.0	0.0	0.0	0.0								
31	0.0	0.0	0.0	0.0								
Total D. LL	246.0	267.0	162.0	348.0								
TOTALES ANUALES	15	12	7	13								
											Dias lluvia	
											mm.	

ESTACION: VALSALICE

MUNICIPIO: S. JUAN RIGSECCAO

AÑO: 1.980

ALTITUD: 1.450

LATITUD: 4-51 N.

LONGITUD: 74-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	7.0	11.0	0.0	3.0	16.0	24.0	6.0	3.0	22.0	1.0	29.0	4.8
2	0.0	0.0	0.0	1.0	7.0	0.0	0.0	26.0	0.0	1.0	0.0	15.5
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	7.0	16.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	16.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	5.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	14.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
15	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0
Total D. LL	59.0	85.0	50.0	78.0	54.0	107.0	7.0	39.0	55.0	118.0	118.5	77.0
TOTALES ANUALES	6	8	6	14	5	10	5	6	8	14	12	11
											Dias lluvia	
											867.5 mm.	

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

ESTACION: LA ESTRELLA

MUNICIPIO: CONVENACION

AÑO: 1.980

ALTITUD: 1.070

LATITUD: 6-28 N.

LONGITUD: 73-20 W. 282

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	12.0	21.0			
2	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	0.0	0.0	0.0	0.0	0.0			
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
5	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	0.0	0.0	0.0	0.0	0.0	0.0			
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
8	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	0.0	0.0	0.0	0.0			
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
15	0.0	0.0	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			
17	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	0.0	0.0	0.0	0.0	0.0			
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
20	0.0	0.0	0.0	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			
22	0.0	0.0	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			
24	0.0	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	0.0			
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
30	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	0.0	0.0	0.0			
Total D.L.	12.0	6.0	2.0	0.0	4.0	2.0	12.0	24.0	132.0			
TOTALES ANUALES	mm.											Dias lluvia

ESTACION: CONCENTRACION AGRICOLA

MUNICIPIO: LEURDES

AÑO: 1.980

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	3.0	8.0	5.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0
2	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
5	0.0	4.0	10.0	2.0	0.0	0.0	0.0	0.0	10.0	2.0	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	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	5.0	15.0	18.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0
10	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	20.0	0.0	12.0	3.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0
13	0.0	0.0	7.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	1.0	15.0	2.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	10.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	22.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	16.0	0.0	0.0
21	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	15.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0
30	0.0	0.0	20.0	6.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
31	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
Total D.L.	85.0	122.0	167.0	199.0	25.0	25.0	25.0	57.0	160.0	162.0	162.0	152.0
TOTALES ANUALES	1411.0 mm.											Dias lluvia

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

ESTACION: LA ARGENTINA

MUNICIPIO: LA TEGAICA

AÑO: 1.900

ALTITUD: 1.200

LATITUD: 4-2E N.

LONGITUD: 75-46 W. 285

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1			12		1						52	
2	15											16
3	20											
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	4											
15	6											
16	1											
17												
18	2											
19	2											
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30	2											
31												
Total D.LI.	96.0	153.0	36.0	136.0	127.0	106.0	13.0	0.0	0.0	154.0	164.0	166.0
TOTALES ANUALES	1225.0 mm.										81	Dias lluvia

ESTACION: VIVERC
ALTITUD: 1.400

MUNICIPIO: OLIMPAYA
LATITUD: 4-27 N.

AÑO: 1.980
LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	4		10	32	2	3						1
2	3			0								1
3												1
4												1
5												1
6												1
7												1
8												1
9												1
10												1
11												1
12												1
13												1
14												1
15												1
16												1
17												1
18												1
19												1
20												1
21												1
22												1
23												1
24												1
25												1
26												1
27												1
28												1
29												1
30	5											1
31	12											1
Total D.LI.	115.5	56.5	57.0	214.0	205.5	135.5	77.0	106.5	170.0	230.5	155.0	224.0
TOTALES ANUALES	1862.0 mm.										133	Dias lluvia

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

ESTACION: PARASC

MUNICIPIO: GLATICA

AÑO: 1.980

ALTITUD: 1.600

LATITUD: 5-18 N.

LONGITUD: 75-46 W. 286

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	0.0	0.0	0.0	0.0	0.0							
3	0.0	0.0	0.0	0.0	0.0							
4	0.0	0.0	0.0	0.0	0.0							
5	0.0	0.0	0.0	0.0	0.0							
6	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	0.0	0.0							
9	0.0	0.0	0.0	0.0	0.0							
10	0.0	0.0	0.0	0.0	0.0							
11	0.0	0.0	0.0	0.0	0.0							
12	0.0	0.0	0.0	0.0	0.0							
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	0.0	0.0	0.0	0.0							
16	0.0	0.0	0.0	0.0	0.0							
17	0.0	0.0	0.0	0.0	0.0							
18	0.0	0.0	0.0	0.0	0.0							
19	0.0	0.0	0.0	0.0	0.0							
20	0.0	0.0	0.0	0.0	0.0							
21	0.0	0.0	0.0	0.0	0.0							
22	0.0	0.0	0.0	0.0	0.0							
23	0.0	0.0	0.0	0.0	0.0							
24	0.0	0.0	0.0	0.0	0.0							
25	0.0	0.0	0.0	0.0	0.0							
26	0.0	0.0	0.0	0.0	0.0							
27	0.0	0.0	0.0	0.0	0.0							
28	0.0	0.0	0.0	0.0	0.0							
29	0.0	0.0	0.0	0.0	0.0							
30	0.0	0.0	0.0	0.0	0.0							
31	0.0	0.0	0.0	0.0	0.0							
Total D. LL.	41.0 8	20.3 4	21.0 4	79.0 10	132.0 12							

TOTALES ANUALES mm. Días lluvia

ESTACION: TAPARCAL

MUNICIPIO: BELEA DE UMERIA

AÑO: 1.980

ALTITUD: 1.430

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	0.0	21.0	25.0	0.0	5.0	8.0	0.0	0.5	1.0
2	0.0	40.0	0.0	4.0	0.0	0.0	0.0	1.0	0.0	0.0	4.5	8.0
3	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	4.0	6.0
4	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.0	0.4
5	0.0	6.0	0.0	0.0	46.0	14.0	0.0	0.0	0.0	1.0	3.0	0.0
6	0.0	1.0	0.0	0.0	42.0	0.0	0.0	0.0	0.0	63.0	0.0	0.0
7	0.0	1.0	0.0	0.0	10.0	14.0	0.0	4.0	0.0	6.0	0.0	0.0
8	0.0	0.0	0.0	0.0	1.0	4.0	0.0	0.0	13.0	15.0	30.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	7.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	6.0	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	0.0	2.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	30.0	27.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.0
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	0.0	0.0	0.0	10.0	23.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	14.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
30	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total D. LL.	73.0 10	117.3 13	56.0 7	263.0 16	251.0 21	167.0 14	104.0 10	133.0 15	127.0 13	210.5 21	216.9 15	254.4 14

TOTALES ANUALES mm. Días lluvia

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

ESTACION: LA PALMERA

MUNICIPIO: MARSELLA

AÑO: 1.980

ALTITUD: 1.450

LATITUD: 5-00 N.

LONGITUD: 75-45 W. 287

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1										0.0	5.0	5.0
2										21.0	20.0	20.0
3										30.0	2.0	0.0
4										6.0	5.0	4.0
5										35.0	0.0	0.0
6										30.0	2.0	0.0
7										0.0	0.0	4.0
8										1.0	0.0	1.0
9										20.0	0.0	0.0
10										2.0	20.0	10.0
11										2.0	20.0	10.0
12										0.0	20.0	10.0
13										6.0	60.0	20.0
14										2.0	0.0	5.0
15										7.0	0.0	20.0
16										36.0	0.0	0.0
17										5.0	0.0	0.0
18										25.0	0.0	0.0
19										5.0	0.0	0.0
20										0.0	0.0	0.0
21										0.0	20.0	15.0
22										10.0	15.0	0.0
23										19.0	12.0	20.0
24										0.0	0.0	15.0
25										3.0	45.0	4.0
26										2.0	0.0	2.0
27										1.0	3.0	2.0
28										19.0	3.0	2.0
29										16.0	3.0	20.0
30										0.0	10.0	0.0
31										0.0	0.0	0.0
Total D. LI.										303.0 23	255.0 15	245.0 15

TOTALES ANUALES

mm.

Dias
lluvia

ESTACION: CALAMAH

MUNICIPIO: MARSELLA

AÑO: 1.980

ALTITUD: 1.200

LATITUD: 4-57 N.

LONGITUD: 75-45 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	25.0	0.0	0.0	13.0	42.0	31.0	0.0	0.0				
2	0.0	0.0	0.0	25.0	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				
4	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0				
5	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0				
6	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0				
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
8	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	0.0	0.0	0.0				
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
12	12.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0				
13	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0				
14	35.0	0.0	0.0	10.0	15.0	0.0	0.0	0.0				
15	0.0	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				
17	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	0.0	0.0	0.0	0.0				
19	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
20	0.0	0.0	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				
22	0.0	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				
24	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				
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
29	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
30	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
31	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Total D. LI.	161.0 7	05.0 5	45.0 6	211.0 11	154.0 12	153.0 13	55.0 7	85.0 9				

TOTALES ANUALES

mm.

Dias
lluvia

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

ESTACION: **GUAYABITO**

MUNICIPIO: **STA ROSA DE C.ARO**

1.680

ALTITUD: **1.620**

LATITUD: **4-54 N.**

LONGITUD: **75-38 W. 288**

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
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												
Total D.LL	271.0 13	100.0 11	63.0 12	166.0 14	248.0 14	328.0 12	148.0 15	74.0 12	368.0 19	324.0 19	201.0 14	270.0 17
TOTALES ANUALES									2548.0 mm.		176	
Días lluvia												

ESTACION: **EL BOSQUE**

MUNICIPIO: **DOSQUEBRADAS**

ARO:

1.980

ALTITUD: **1.450**

LATITUD: **4-50 N.**

LONGITUD: **75-41 W.**

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
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												
Total D.LL	238.0 10	166.0 13	77.0 6	300.0 15	272.0 15	216.0 13	54.0 7	106.0 10	373.0 14	309.0 24	386.0 17	262.0 14
TOTALES ANUALES									2811.9 mm.		165	
Días lluvia												

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

ESTACION: LA TIERRICA

MUNICIPIO: PEFEIFA

AÑO: 1.980

290

ALTITUD:

LATITUD:

LONGITUD:

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1								0.0	4.0	5.0	17.0	0.0	
2								3.0	0.0	15.0	0.0	0.0	
3								0.0	0.0	20.0	0.0	0.0	
4								3.0	28.0	7.0	7.0	7.0	
5								0.0	0.0	10.0	0.0	0.0	
6								0.0	0.0	15.0	0.0	0.0	
7								3.0	0.0	0.0	14.0	0.0	
8								0.0	11.0	0.0	0.0	0.0	
9								0.0	0.0	8.0	0.0	0.0	
10								0.0	0.0	0.0	0.0	0.0	
11								0.0	0.0	0.0	0.0	0.0	
12								0.0	0.0	0.0	0.0	4.0	
13								0.0	0.0	7.0	0.0	26.0	
14								0.0	0.0	3.0	0.0	34.0	
15								36.0	5.0	0.0	0.0	0.0	
16								0.0	0.0	11.0	0.0	0.0	
17								6.0	0.0	57.0	0.0	0.0	
18								3.0	53.0	10.0	0.0	0.0	
19								0.0	41.0	15.0	0.0	0.0	
20								10.0	0.0	14.0	0.0	0.0	
21								0.0	0.0	0.0	0.0	0.0	
22								0.0	0.0	0.0	0.0	0.0	
23								0.0	0.0	31.0	0.0	0.0	
24								0.0	0.0	0.0	0.0	0.0	
25								0.0	16.0	0.0	5.0	0.0	
26								0.0	0.0	15.0	49.0	15.0	
27								0.0	6.0	4.0	0.0	13.0	
28								0.0	32.0	2.0	0.0	0.0	
29								12.0	0.0	36.0	32.0	7.0	
30								0.0	16.0	0.0	33.0	15.0	
31								6.0	2.0	0.0	12.0	58.0	
Total								155.0	214.0	275.0	254.0	220.0	
D. L.								10	11	18	13	10	
TCTALES ANUALES								mm.		62			Dias lluvia

ESTACION: LA ESPIGA
ALTITUD: 1.500

MUNICIPIO: MISTRATO
LATITUD: E-18 N.

AÑO: 1.980
LONGITUD: 75-54 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	24.0	2.0	0.0					
2	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					
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5	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	0.0	0.0					
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
8	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					
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
15	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					
17	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					
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
20	0.0	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					
22	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					
24	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					
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
30	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	0.0					
Total	0.0	125.0	31.0	130.0	277.0	115.0	104.0					
D. L.	0	8	8	15	20	5	7					
TCTALES ANUALES								mm.		Dias lluvia		

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

ESTACION: CITE MUNICIPIO: BAREOSA AÑO: 1.980
 ALTITUD: 1.600 LATITUD: 5-03 N. LONGITUD: 73-36 W. 302

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	5.0	25.0	0.0	10.0	10.0	16.0	17.0	2.0	10.0	12.0	0.0	0.0
2	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
15	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0
Total D. LL.	13.0	64.0	71.0	127.0	200.0	222.0	185.0	74.0	200.0	228.0	74.0	82.0
TOTALES ANUALES	1541.0 mm.											162
												Dias lluvia

ESTACION: BUENAVISTA MUNICIPIO: BAREOSA AÑO: 1.980
 ALTITUD: 1.800 LATITUD: 5-04 N. LONGITUD: 73-36 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	15.0	2.0	0.0	0.0	3.0	15.0	10.0	8.0	1.0	17.0	0.0	0.0
2	7.0	0.0	0.0	0.0	3.0	0.0	15.0	0.0	5.0	8.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
15	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	10.0	0.0	0.0	12.0	15.0	7.0	10.0	0.0	10.0	0.0	0.0	0.0
Total D. LL.	42.0	15.0	30.0	96.0	210.0	271.0	240.0	146.0	210.0	176.0	66.0	12.0
TOTALES ANUALES	mm.											Dias lluvia

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

ESTACION: LA CUMBRE

MUNICIPIO: PLENTE NACIONAL

AÑO: 1-980

ALTITUD: 1.650

LATITUD: 5-53 N.

LONGITUD: 73-42 W. 303

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1		14		10	20	26	6	18	15	5	1	0
2	20									0		15
3		10								20	2	10
4				29		11		12	25	14	19	8
5						0			6	10	39	0
6		10							0	8	0	0
7		5				1			0	4	14	0
8									0	0	0	0
9		21				15			0	19	10	0
10									0	0	0	2
11									0	3	10	13
12									4	0	6	14
13									0	11	2	7
14			1	1	1				0	0	0	0
15									0	7	0	6
16									0	0	0	0
17			5						1	0	0	0
18									0	0	0	0
19									0	0	0	0
20									0	0	0	0
21									0	0	0	0
22									0	0	0	0
23									0	0	0	0
24									0	0	0	0
25									0	0	0	0
26									0	0	0	0
27									0	0	0	0
28									0	0	0	0
29									0	0	0	0
30									0	0	0	0
31									0	0	0	0
Total D. LL.	69.0	55.0	133.0	174.0	161.4	120.0	86.0	137.0	156.0	300.0	265.0	138.0
	7	6	12	17	18	16	15	14	12	24	15	13
TOTALES ANUALES	1618.4 mm.											169
												Dias lluvia

ESTACION: EL DANUELO

MUNICIPIO: LANCAZURI

AÑO: 1-980

ALTITUD:

LATITUD: 6-13 N.

LONGITUD: 73-48 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1		0				5	15	15	7	5	4	0
2		5								0		1
3										0		0
4										0		0
5										0		0
6										0		0
7										0		0
8										0		0
9										0		0
10										0		0
11										0		0
12										0		0
13										0		0
14										0		0
15										0		0
16										0		0
17										0		0
18										0		0
19										0		0
20										0		0
21										0		0
22										0		0
23										0		0
24										0		0
25										0		0
26										0		0
27										0		0
28										0		0
29										0		0
30										0		0
31										0		0
Total D. LL.	36.0	292.0	108.0	276.0	236.0	306.0	157.0	152.0	97.0	136.0	160.0	144.0
	5	6	9	11	12	12	13	8	11	13	10	5
TOTALES ANUALES	2122.0 mm.											119
												Dias 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: 1.980

ALTITUD: 1.400

LATITUD: 5-10 N.

LONGITUD: 75-00 W. 304

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	1.0	12.0	0.0	1.0	15.0	0.0	0.0	0.0	18.0	2.0	0.0	0.0
2	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	14.0	0.0	0.0
3	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.0
4	3.5	16.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	51.0	0.0	0.0
5	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	36.0	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	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	5.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
17	0.0	2.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0
18	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	1.5	0.0	0.0
19	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	65.0	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	0.0	0.0
21	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0
Total D.LL.	74.5	146.5	137.0	109.0	155.5	140.5	54.5	141.5	241.0	156.5	222.5	223.5
TOTALES ANUALES	10	10	8	11	11	10	8	10	14	12	14	10
	1550.5 mm.										134	Dias lluvia

ESTACION: PALO CAEILDC

MUNICIPIO: FALAN

AÑO: 1.980

ALTITUD: 1.530

LATITUD: 5-08 N.

LONGITUD: 74-57 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	1.0	1.0	0.0	0.0	10.0	15.0	12.0	0.0	14.0	1.0	47.0	52.0
2	0.0	11.0	0.0	0.0	0.0	0.0	0.0	5.0	22.0	6.0	0.0	0.0
3	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.0	10.0	67.0
4	6.0	4.0	0.0	0.0	0.0	0.0	0.0	26.0	44.0	2.0	17.0	1.0
5	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.0	2.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	2.0	19.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	3.0	13.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	1.0	4.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	15.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
15	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
22	9.0	11.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0
Total D.LL.	131.0	90.0	198.0	150.0	346.0	180.0	64.0	189.0	280.0	236.0	453.0	376.0
TOTALES ANUALES	13	6	5	12	16	12	11	11	16	19	17	17
	2693.0 mm.										161	Dias lluvia

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

ESTACION: LA ALDEA

MUNICIPIO: RCVIRA

AÑO: 1.980

ALTITUD: 1.550

LATITUD: 4-13 N.

LONGITUD: 75-14 W. 305

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	19.0	14.0	0.0	8.0	4.0	2.0	0.0	0.0	16.0	5.0	7.0	0.0
2	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	3.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
15	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0
Total D.LL.	78.0	53.0	35.0	247.0	176.0	144.0	15.0	77.0	113.0	264.0	284.0	120.0
TCTALES ANUALES	7	8	12	12	11	11	4	7	8	17	16	19
	1608.0 mm.										125	Días Huvia

ESTACION: CRISOL

MUNICIPIO: VALLE DE S. JUAN

AÑO: 1.980

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	0.0	22.0	0.0	0.0	0.0	0.7	0.0	8.0	12.0
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	0.0	0.0	0.0	22.0	0.0	28.0	9.0	1.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	2.0	1.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	7.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
15	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0
Total D.LL.	0.0	77.2	77.8	147.8	119.8	17.0	17.0	47.9	87.1	129.8	123.8	76.0
TCTALES ANUALES	0	9	10	11	11	4	2	6	11	21	16	24
	920.7 mm.										129	Días Huvia

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

ESTACION: LA GRANJA

MUNICIPIO: MELGAR

AÑO: 1.980

ALTITUD:

LATITUD: 4-05 N.

LONGITUD: 74-40 W. 306

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	0.0	12.0	15.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	30.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
15	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	7.0
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	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	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total D.LI.	192.0	205.5	96.0	312.0	66.0	62.5	37.0	102.0	149.5	166.0	136.0	133.0
TCTALES ANUALES	1663.5 mm.											Días 15 lluvia

ESTACION: REFLEJC

MUNICIPIO: CLNCAY

AÑO: 1.980

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	16.0	0.0	8.0	4.0	0.0	10.0	0.0					
2	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					
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5	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	0.0	0.0					
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
8	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					
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
14	45.0	0.0	0.0	0.0	0.0	0.0	0.0					
15	16.0	0.0	0.0	0.0	0.0	0.0	0.0					
16	5.0	0.0	0.0	0.0	0.0	0.0	0.0					
17	10.0	0.0	0.0	0.0	0.0	0.0	0.0					
18	8.0	0.0	0.0	0.0	0.0	0.0	0.0					
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
20	0.0	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					
22	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					
24	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					
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
30	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	0.0					
Total D.LI.	113.0	263.0	62.0	99.5	67.0	73.0	23.0					
TCTALES ANUALES	mm.											Días lluvia

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

ESTACION: LA MESETA

MUNICIPIO: SAN ANTONIO

AÑO:

1.980

ALTITUD: 1.600

LATITUD: 3-55 N.

LONGITUD: 75-25 W. 307

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	7.0	4.0	0.0	5.0	0.0	12.0	2.0	0.0	0.0	0.0	7.0	10.0
2	4.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	15.0	6.0
3	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
14	14.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
17	15.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	27.0	15.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	7.0	0.0	10.0
19	0.0	0.0	0.0	1.0	0.0	4.0	0.0	0.0	2.0	0.0	0.0	8.0
20	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	12.0	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	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0
Total D.LL	107.0 14	118.0 10	63.0 7	142.0 19	246.0 16	127.0 15	32.0 15	69.5 12	105.5 18	157.3 21	161.0 15	112.5 23
TCTALES ANUALES										1446.4 mm.	191	Días lluvia

ESTACION: EL OCASO

MUNICIPIO: OLCRES

AÑO:

1.980

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	25.0	0.0
3	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
15	0.0	0.0	0.0	0.0	0.0	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	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	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0
Total D.LL	191.0 10	124.0 6	12.0 4	91.0 6	67.0 5	44.0 6	30.0 1	12.0 2	71.0 5	373.0 12	286.0 10	323.0 8
TCTALES ANUALES										1706.0 mm.	73	Días lluvia

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

ESTACION: EELLAVISTA

MUNICIPIO: ANSERMANUEVO AÑO: 1.980

ALTITUD: 1.550

LATITUD: 4-48 N.

LONGITUD: 76-04 W. 308

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	14.5	1.0	0.0	2.0	26.0	15.0	0.0	0.0	29.0	0.0	20.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
15	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0
Total D.LL	75.0 10	37.5 13	22.0 7	45.5 15	116.2 13	113.0 5	57.8 2	65.7 10	159.0 13	128.5 20	170.5 17	132.5 15
TCTALES ANUALES											1236.5 mm.	Dias Iluvia 184

ESTACION: EL PLACER
ALTITUD: 1.730

MUNICIPIO: ANSERMANUEVO AÑO: 1.980

LATITUD: 4-48 N.

LONGITUD: 76-01 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	1.0	2.0	0.0	0.0	3.0	11.0	0.0	0.0	11.5	0.0	7.0	3.0
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
15	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0
Total D.LL	82.0 15	116.5 11	13.5 3	178.0 16	106.0 11	144.0 12	64.0 7	32.0 5	83.0 10	244.0 14	153.7 15	167.0 11
TCTALES ANUALES											1405.7 mm.	Dias Iluvia 141

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

ESTACION: EL HORIZONTE

MUNICIPIO: HOLLANILLO

AÑO: 1.980

ALTITUD: 1.600

LATITUD: 4-24 N.

LONGITUD: 76-10 W. 309

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	11.0			19.0	14.0	6.0	6.0	17.5	0.0	0.0	0.0	0.0
2	2.0			0.0	0.0	0.0	0.0	0.0	0.0	12.0	4.5	0.0
3	0.0			0.0	0.0	0.0	0.0	0.0	0.0	8.0	5.0	0.0
4	0.0			0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
5	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	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	0.0	0.0	0.0	0.0	0.0
10	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
12	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
14	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0			0.0	0.0	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
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
21	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	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
24	0.0			0.0	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	0.0	0.0
26	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	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	0.0	0.0	0.0	0.0
Total D. LL.	91.2		35.9	132.4	72.5	64.9	55.0	79.5	80.2	116.0	72.0	112.3

TOTALES ANUALES mm. Dias lluvia

ESTACION: CAMPANELLA

MUNICIPIO: PALMIRA

AÑO: 1.980

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	55.0	4.0	35.0	14.0	10.0	0.0	0.0	0.0	0.0	50.0	0.0
2	0.0	20.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
15	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0
Total D. LL.	132.5	243.0	115.0	139.0	43.0	74.0	15.0	54.0	86.0	112.0	326.5	210.0

TOTALES ANUALES mm. Dias lluvia

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

ESTACION: SANTA MARTA
ALTITUD 1.760

MUNICIPIO: EL AGUILA
LATITUD: 4-54 N.

AÑO: 1.980
LONGITUD: 76-03 W. 310.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	12.0	0.0	25.0	10.0	0.0	0.0	35.0	0.0	10.0	10.0
2	0.0	40.0	0.0	0.0	0.0	15.0	0.0	0.0	20.0	3.0	0.0	20.0
3	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	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	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
15	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0
22	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0
Total	121.5	50.0	20.0	259.0	230.0	250.0	140.0	100.0	130.0	214.0	394.5	84.0
D. LI.	13	5	12	15	10	10	0	4	7	14	17	0
TOTALES ANUALES	2446.0										123	Días Huvia

Estación: El Rosario
 Altitud : 1.540 m.s.n.m.

Municipio: Venecia
 Latitud : 5 - 58 N

Año: 1980
 Longitud: 75 - 44 W 311

ENERO

DIA		NOCHE		
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	
Fecha dominante	(km/hora)	dominante	(km/hora)	
1	NW	8,0 E	V	1,0 S
2	NW	10,0 SE	E	2,0 E
3	NW	17,0 SE	SE	1,0 W
4	W	5,0 NW	E	3,0 E
5	SE	7,0 W	SE	9,0 E
6	W	3,0 W	SE	9,0 SE
7	NW	5,0 NW	SE	2,0 SE
8	NW	6,0 W	SE	3,0 E
9	W	7,0 W	E	3,0 SE
10	NW	13,0 NW	SE	4,0 SE
11	NW	23,0 S	SE	2,0 SE
12	NW	7,0 NW	E	1,0 E
13	W	3,0 W	W	
14	E	19,0 E	E	
15	NW	18,0 E	E	3,0 E
16	NW	2,0 NW	C	
17	NW	9,0 NE	SE	2,0 E
18	NW	3,0 NW	SW	7,0 SE
19	W	11,0 E	E	5,0 E
20	NW	3,0 NW	E	2,0 E
21	NW	4,0 W	E	5,0 E
22	NW	7,0 NW	E	
23	NW	6,0 NW	SE	2,0 SE
24	NW	9,0 NW	SE	4,0 E
25	W	11,0 SE	E	18,0 E
26	W	12,0 W	E	7,0 E
27	NW	11,0 E	E	2,0 E
28	NW	3,0 E	E	2,0 E
29	SE	8,0 SE	SE	2,0 SE
30	NW	29,0 SE	SE	24,0 SE
31	S	6,0 W	E	6,0 E
MES	NW	29,0 SE	E	24,0 SE

FEBRERO

DIA		NOCHE		
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	
Fecha dominante	(km/hora)	dominante	(km/hora)	
1	NW	4,0 W	SE	2,0 E
2	W	12,0 SE	E	3,0 SE
3	NW	43,0 SW		
4	NW	3,0 NW	SE	
5	W	24,0 E	E	6,0 E
6	NW	22,0 E	SE	4,0 E
7	NW	8,0 SE	SE	6,0 SE
8	NW	7,0 W	SE	8,0 SE
9	W	5,0 W	E	2,0 E
10	W	6,0 W	E	2,0 E
11	NW	7,0 NW	SE	3,0 SE
12	NW	8,0 NW	SE	2,0 SE
13	W	15,0 SE	E	2,0 E
14	NW	10,0 W	E	20,0 E
15	W	9,0 W	W	2,0 E
16	SW	2,0 SW	C	1,0 SW
17	NW	2,0 S		
18	NW	19,0 SE	SE	3,0 SW
19	W	41,0 E	SW	2,0 SW
20	NW	18,0 W	SE	5,0 E
21	W	37,0 SE	E	3,0 E
22				
23	W	40,0 E	E	8,0 SE
24	W	33,0 NE	E	5,0 E
25	W	12,0 NW	E	4,0 E
26	W	9,0 W	E	9,0 E
27	W	12,0 W	E	4,0 E
28	W	24,0 NE	E	2,0 E
29	W	7,0 W	E	4,0 SE
30				
31				
MES	W	43,0 SW	E	20,0 E

MARZO

DIA		NOCHE		
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	
Fecha dominante	(km/hora)	dominante	(km/hora)	
1	W	14,0 W	E	5,0 E
2	E	18,0 SE	E	3,0 SE
3	W	8,0 NE	E	4,0 E
4	NW	10,0 NW	SE	5,0 SE
5	W	5,0 SW	E	3,0 SW
6	W		E	
7	W	9,0 SW	E	14,0 NE
8	SW	5,0 SW	E	9,0 NE
9	W	6,0 W		
10	W	25,0 NE	E	5,0 E
11	W	21,0 NE	V	8,0 E
12	NE	28,0 NE	E	12,0 E
13	W	11,0 W	E	11,0 E
14	W	8,0 W	E	3,0 NE
15	W	8,0 W	E	1,0 E
16	W	24,0 E	E	1,0 SE
17	W	8,0 W	E	17,0 E
18	E	12,0 NE	V	3,0 S
19	W	14,0 NE	E	
20	V	9,0 W	E	7,0 NE
21	W	47,0 E	NE	2,0 NE
22	E	28,0 NE	NE	3,0 NE
23	W	24,0 S	NE	1,0 E
24	W	26,0 E	E	10,0 E
25	W	8,0 SW	E	4,0 SW
26	W	24,0 NE	V	13,0 E
27	E	34,0 E	E	18,0 E
28	W	31,0 NE	E	12,0 E
29	E	29,0 NE	SW	29,0 SE
30	W	7,0 NE	NE	1,0 E
31	W	15,0 E	E	8,0 E
MES	W	47,0 E	E	29,0 SE

ABRIL

DIA		NOCHE		
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	
Fecha dominante	(km/hora)	dominante	(km/hora)	
1	W	14,0 SE	SE	1,0 SE
2	NW	23,0 NE	NE	1,0 NE
3	W	9,0 E	E	1,0 E
4	W	25,0 N		
5	W	8,0 E	E	7,0 E
6	E	29,0 E		
7	NW	14,0 NE		
8	W	10,0 W	E	1,0 E
9	W	15,0 W		
10	SE	15,0 SW		
11	W	23,0 W	E	3,0 W
12	W	20,0 W	E	2,0 E
13	W	18,0 NE	E	1,0 E
14	E	15,0 W	SW	2,0 SW
15	W	5,0 NW	E	2,0 E
16	W	14,0 W	V	1,0 SE
17	W	11,0 NE	E	
18	W	24,0 NE	E	14,0 E
19	NE	31,0 NE	V	17,0 E
20	W	32,0 NE	E	2,0 E
21	W	30,0 NE	E	3,0 E
22	W	6,0 W	SW	16,0 E
23	W	18,0 NE		
24	NW	26,0 SW		
25	W	6,0 SW	E	2,0 E
26	W	5,0 W	V	1,0 F
27				
28	W	31,0 E	V	9,0 E
29	NW	5,0 NW	E	1,0 E
30	W	10,0 W	NE	2,0 SE
31				
MES	W	32,0 NE	E	17,0 E

Estación: El Rosario
 Altitud : 1.540 m.s.n.m.

Municipio: Venecia
 Latitud : 5 - 58 N

Año: 1980
 Longitud: 75 - 44 W 312

MAYO

DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	W		10,0 SW
2			
3	W		9,0 W
4	W		14,0 W
5		E	16,0 E
6			1,0 E
7	W	V	7,0 S
8	NW		13,0 E
9	W	SW	20,0 NE
10	W	NE	26,0 E
11	W	E	4,0 SW
12	W		10,0 SW
13	W	NE	13,0 NE
14	W	V	5,0 W
15	NE	SW	8,0 W
16	W	E	6,0 W
17	W	NE	8,0 SW
18	W	V	8,0 W
19	W	E	12,0 W
20	W	E	14,0 E
21	W	V	11,0 SW
22	W	NE	6,0 W
23	W	NE	11,0 W
24		NE	6,0 W
25	W	NE	12,0 NE
26	W	SW	12,0 W
27	W	NE	10,0 W
28	W	NE	10,0 SW
29	W	NE	21,0 E
30	W	SW	11,0 SW
31	W	NE	9,0 W
MES	W	NE	70,0 E

JUNIO

DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	E		13,0 W
2	NE		10,0 NE
3	W		9,0 W
4	W		8,0 NW
5	W		9,0 W
6	W		7,0 SW
7	W		11,0 W
8	W		7,0 W
9	W		14,0 W
10	W		2,0 NW
11	W		8,0 NE
12	W		5,0 SE
13	NW		5,0 SE
14	W		22,0 NE
15	W		4,0 W
16	W		6,0 W
17	W		8,0 W
18	NE		7,0 W
19	W		6,0 NE
20	W		5,0 E
21	NW		8,0 S
22	NW		5,0 NE
23	W		7,0 W
24	W		10,0 SW
25	W		6,0 W
26	W		10,0 W
27	W		17,0 NW
28	W		9,0 W
29	W		8,0 W
30	W		7,0 NW
31			
MES	W		22,0 NE

JULIO

DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	W		16,0 W
2	W		11,0 W
3	NW		7,0 NW
4	W		8,0 W
5	E		39,0 E
6	NW		8,0 E
7	NW		6,0 NW
8	W		13,0 W
9	NE		4,0 E
10	W		10,0 W
11	W		8,0 W
12	E		13,0 NW
13	W		12,0 W
14	W		12,0 W
15	W		17,0 E
16	W		11,0 W
17	W		11,0 W
18			
19	W		8,0 W
20	W		13,0 W
21	W		69,0 E
22	W		10,0 SE
23	W		9,0 W
24	W		8,0 W
25	W		41,0 SW
26	W		25,0 E
27	NW		8,0 NW
28	NW		33,0 E
29	W		10,0 E
30	W		9,0 W
31	NW		5,0 W
MES	W		69,0 E

AGOSTO

DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	W		10,0 W
2	W		8,0 W
3	W		5,0 W
4	W		8,0 W
5	W		7,0 E
6	W		9,0 W
7	NW		7,0 W
8	W		4,0 W
9	W		13,0 W
10	W		7,0 W
11	W		6,0 N
12	W		7,0 W
13	W		11,0 W
14	W		7,0 SW
15	W		10,0 W
16	E		7,0 E
17	W		6,0 W
18	W		31,0 SE
19	NW		8,0 W
20	W		60,0 E
21	W		9,0 W
22	W		9,0 W
23	W		27,0 NE
24	NE		36,0 NE
25	W		14,0 W
26	W		9,0 W
27	W		18,0 NE
28	W		8,0 W
29	NW		9,0 W
30	W		9,0 W
31	W		27,0 E
MES	W		60,0 E

Estación: El Rosario
 Altitud : 1.540 m.s.n.m.

Municipio: Venecia
 Latitud : 5-58 N

Año: 1980
 Longitud: 75-44 W 313

SEPTIEMBRE

DIA		NOCHE	
Dirección	Ráfaga máx. (km/hora)	Dirección	Ráfaga máx. (km/hora)
Fecha dominante		dominante	
1	W	E	26,0 E
2	W	E	5,0 SW
3	W	E	2,0 NE
4			
5	W	E	25,0 SE
6	W	E	2,0 E
7	W	E	1,0 E
8	W		
9	W	V	1,0 E
10	W	E	6,0 E
11	W	E	13,0 E
12	W	E	2,0 E
13	NW	S	
14	W	NE	1,0 E
15	W		
16			
17	W	E	14,0 E
18			
19	W	E	17,0 SW
20	W	NE	4,0 S
21			
22	W	E	2,0 E
23	W	E	3,0 E
24			
25	W	E	13,0 E
26			
27	W		
28	W	E	1,0 NE
29	W	E	27,0 E
30	W	E	8,0 E
31			
MES	W	E	27,0 E

OCTUBRE

DIA		NOCHE	
Dirección	Ráfaga máx. (km/hora)	Dirección	Ráfaga máx. (km/hora)
Fecha dominante		dominante	
1	W	E	3,0 E
2	W	E	3,0 E
3	W	E	30,0 E
4	W	NE	3,0 E
5	W		
6	W	E	4,0 SE
7	W	SW	7,0 SW
8	W	E	2,0 E
9	W		
10	W	NE	13,0 E
11	W	E	3,0 SE
12	W	E	2,0 S
13	W	E	5,0 E
14	W	V	28,0 E
15	E	E	9,0 E
16	W	E	4,0 SW
17	W	SW	4,0 E
18	W	E	4,0 E
19	W		
20	W	V	
21	W	E	2,0 S
22	W	E	2,0 E
23	W	E	2,0 S
24	W	SW	11,0 SE
25	W	E	
26	W	NE	1,0 E
27	W	E	1,0 SW
28	W	SW	24,0 SE
29	NW	C	5,0 E
30	W	NE	1,0 S
31	W	E	2,0 S
MES	W	E	30,0 E

NOVIEMBRE

DIA		NOCHE	
Dirección	Ráfaga máx. (km/hora)	Dirección	Ráfaga máx. (km/hora)
Fecha dominante		dominante	
1	NW	E	14,0 W
2	W	S	14,0 E
3	W	S	2,0 E
4	W		
5	E	NE	5,0 E
6	W		
7	W	V	13,0 E
8	W	E	1,0 NE
9	W		
10	W	E	2,0 E
11	W	E	2,0 E
12	E	E	5,0 S
13	W	E	7,0 E
14	V	V	1,0 S
15	V	V	1,0 S
16	W		
17	W		
18	V	E	8,0 E
19	W		
20	W	E	1,0 E
21	W		
22	W	V	18,0 SW
23	NE	E	8,0 S
24	W	E	
25	W	SW	5,0 S
26	W	NE	12,0 S
27	W		
28	W	V	34,0 E
29	W		
30	NW	E	3,0 E
31			
MES	W	E	34,0 E

DICIEMBRE

DIA		NOCHE	
Dirección	Ráfaga máx. (km/hora)	Dirección	Ráfaga máx. (km/hora)
Fecha dominante		dominante	
1	E	NE	1,0 E
2	W		
3	SE	V	3,0 NE
4	W	E	4,0 SW
5			
6	E	E	
7	W	E	3,0 E
8	W	NE	6,0 SW
9	E	E	1,0 E
10	E	E	1,0 E
11	W		
12	W	W	3,0 E
13	W	E	2,0 S
14	W	E	2,0 E
15	NW		
16	V	S	18,0 E
17	W		
18	W	E	7,0 S
19		E	4,0 E
20	W		
21	NW		
22	W	E	4,0 E
23	W	E	2,0 E
24	W	E	5,0 SW
25	W	V	19,0 E
26	W	E	1,0 S
27	NW	V	5,0 SW
28	V	E	5,0 E
29	W	E	4,0 E
30	W	E	6,0 S
31	W		
MES	W	E	19,0 E

Estación: Cenicafé
 Altitud : 1.310 m.s.n.m.

Municipio: Chinchiná
 Latitud : 4-59 N

Año: 1980
 Longitud: 75-35 W 314

ENERO			
DIA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	C	E	6,5 SE
2	C	E	8,6 E
3	C	E	10,8 E
4	C	E	10,1 E
5	C	E	10,4 E
6	C	E	14,0 E
7	C	E	11,5 E
8	C	E	11,2 E
9	C	E	15,8 E
10	C	E	7,9 SE
11	NW	E	10,1 E
12	C	E	9,7 W
13	C	E	10,4 E
14	C	E	9,7 SE
15	C	E	6,5 W
16	C	E	9,7 E
17	C	E	7,6 SE
18	C	E	11,2 SW
19	C	E	10,3 E
20	C	E	11,9 E
21	C	E	11,5 E
22	C	E	12,2 E
23	C	E	12,6 E
24	C	E	10,8 SE
25	C	E	12,2 SE
26	C	E	11,9 E
27	C	E	11,2 E
28	C	E	11,5 W
29	C	E	8,6 NE
30	C	E	10,8 E
31	C	E	10,8 E
MES	C	E	12,2 E

FEBRERO			
DIA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	C	E	6,5 E
2	C	E	
3	NW	E	6,5 S
4	C	E	
5	C	E	7,2 SW
6	C	E	5,4 E
7	NW	E	8,6 SE
8	C	SE	10,8 E
9	C	E	8,3 SE
10	C	E	9,7 E
11	C	E	6,8 N
12	C	E	10,4 E
13	C	E	11,2 E
14	C	SE	14,4 E
15	C	E	11,2 E
16	C	E	13,7 E
17	C	E	10,4 E
18	C	E	13,3 E
19	C	E	12,2 E
20	C	E	8,6 NW
21	C	E	9,7 SE
22	C	E	14,0 SW
23	C	E	13,7 E
24	C	E	10,1 E
25	C	E	12,2 N
26	C	E	6,5 SE
27	C	E	8,3 SE
28	C	E	11,2 W
29	C	E	9,7 NW
30	C	E	14,4 E
31	C	E	10,8 E
MES	C	E	18,7 SE

MARZO			
DIA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	C	E	11,5 E
2	N	E	7,9 E
3	W	E	8,6 E
4	W	E	8,3 SE
5	C	E	
6	C	E	10,8 E
7	C	E	10,8 E
8	NW	E	12,2 E
9	NW	E	7,9 E
10	C	E	9,7 E
11	C	E	12,2 SE
12	SW	E	12,6 E
13	C	E	9,4 E
14	C	E	13,7 SE
15	C	E	10,4 SE
16	C	E	13,3 E
17	SW	E	
18	C	E	11,5 W
19	C	E	
20	C	E	10,8 E
21	C	SE	15,1 E
22	C	E	10,8 E
23	C	E	13,3 N
24	C	E	11,9 E
25	C	E	10,1 E
26	C	E	14,0 E
27	C	E	9,0 E
28	C	E	10,8 SE
29	C	E	12,2 E
30	C	E	24,5 NE
31	C	E	10,4 E
MES	C	E	24,5 NE

ABRIL			
DIA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	C	SE	10,8 NE
2	C	E	10,1 N
3	C	E	12,6 E
4	C	E	14,4 E
5	C	E	11,9 E
6	C	E	
7	C	E	7,9 E
8	C	E	10,4 E
9	C	E	10,4 SE
10	C	E	11,5 SE
11	E	E	13,3 SE
12	NW	E	14,0 SE
13	NW	E	11,5 E
14	NW	E	10,4 E
15	C	E	14,0 E
16	C	E	11,5 E
17	C	E	7,9 N
18	C	E	13,7 SE
19	C	E	13,7 E
20	C	E	12,2 SE
21	C	E	8,3 E
22	C	E	10,8 E
23	C	E	4,7 E
24	C	E	
25	C	E	7,9 NW
26	C	E	7,9 E
27	C	E	10,1 E
28	C	E	11,9 E
29	C	E	13,3 SE
30	C	E	10,1 E
31	C	E	10,4 E
MES	C	E	16,9 NE

Estación: Cenicafé
 Altitud : 1.310 m.s.n.m.

Municipio: Chinchiná
 Latitud : 4 - 59 N

Año: 1980
 Longitud: 75 - 35 W 315

MAYO				JUNIO					
DIA		NOCHE		DIA		NOCHE			
Fecha dominante	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)	Fecha dominante	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)		
1	C	13,3 N	C	13,3 N	1	C	10,8 W	C	9,7 E
2	C		C		2	C	7,9 W	C	11,9 E
3	C	13,3 E	C	14,8 E	3	C	10,8 W	C	14,8 SE
4	C	11,2 SE	C	16,2 SE	4	C	11,5 NW	C	14,0 SE
5	C	10,8 E	C	13,3 E	5	C	12,6 N	C	14,0 SE
6	C		C		6	C	10,8 NW	C	13,7 SE
7	C		C		7	C	15,1 E	C	18,0 SE
8	C		C		8	C	11,5 NW	C	14,8 E
9	C	10,1 W	C	11,5 E	9	C	15,1 SW	C	11,2 SW
10	C	3,6 E	C	11,2 E	10	C	8,3 NW	C	8,3 SE
11	C		C		11	C	10,1 S	C	8,6 E
12	C	11,5 SW	C	13,7 SE	12	C		C	
13	C	10,8 N	C	13,7 E	13	C		C	
14	C		C		14	C	14,0 E	C	11,5 E
15	C		C		15	C	15,1 SE	C	18,0 E
16	C	5,4 SE	C	11,2 SE	16	C	13,7 W	C	17,3 E
17	C	13,7 E	C		17	C	13,7 W	C	14,0 SW
18	C		C		18	C	13,7 N	C	11,2 E
19	C	2,5 E	C	9,7 E	19	C	18,0 SW	C	12,6 E
20	C	10,1 SE	C	7,2 SE	20	C	10,1 S	C	10,8 E
21	C		C		21	C	10,1 NW	C	10,8 E
22	C	9,0 W	C	6,5 E	22	C	14,0 E	C	17,3 E
23	C	9,7 N	C	7,2 E	23	C	14,8 E	C	18,4 E
24	C	12,6 W	C	12,2 E	24	C	17,3 E	C	17,3 E
25	C	17,6 NE	C	10,8 SE	25	C	13,7 S	C	17,3 E
26	C	13,7 S	C	11,2 E	26	C	11,5 E	C	15,8 SE
27	C	12,6 N	C	14,4 E	27	C	17,3 E	C	18,4 E
28	C	11,5 E	C	14,4 SE	28	C	11,5 E	C	18,7 E
29	C	15,1 E	C	15,8 E	29	C	11,5 N	C	18,0 E
30	C	12,2 W	C		30	C	9,7 SW	C	15,5 SE
31	C	12,2 SW	C	11,9 E	31	C		C	
MES	C	17,6 NE	C	16,2 SE	MES	C	18,0 SW	E	18,7 E

JULIO				AGOSTO					
DIA		NOCHE		DIA		NOCHE			
Fecha dominante	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)	Fecha dominante	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)		
1	C	12,2 SW	C	17,3 E	1	C	13,7 NW	E	17,6 N
2	C	16,6 SE	C	18,0 E	2	C	22,0 E	E	19,1 SE
3	C	17,3 E	C	19,4 E	3	C	20,2 E	E	18,7 E
4	C	14,4 E	C	19,1 E	4	C	15,1 E	E	17,3 E
5	C	16,2 N	C	19,4 SE	5	C	14,4 N	E	14,4 E
6	C	11,9 E	C	20,9 SE	6	C	13,3 E	E	16,9 SE
7	C	10,8 NW	C	16,9 SE	7	C	7,9 E	E	6,5 E
8	C	13,7 E	C	13,7 E	8	C	13,7 N	E	10,8 SE
9	C	11,2 N	C	13,7 E	9	C	14,0 E	E	15,8 E
10	C	14,4 NE	C	16,2 E	10	C	11,9 NW	E	18,7 E
11	C	10,8 W	C	15,8 E	11	C	13,7 E	E	16,9 E
12	C	14,0 NW	C	18,4 E	12	C	14,0 N	E	18,4 SE
13	C	12,2 E	C	14,8 E	13	C	18,0 SE	E	18,7 E
14	C	14,0 E	C	15,8 E	14	C	11,5 NW	E	15,5 E
15	C	17,3 NW	C	17,6 E	15	C	11,9 W	E	18,7 S
16	C	13,3 E	C	18,0 SE	16	C	20,9 SW	E	10,4 E
17	C	11,5 W	C	17,3 E	17	C	11,5 SW	E	14,4 E
18	C	13,0 SE	C	19,4 E	18	C	11,2 N	E	12,6 E
19	C	14,8 NW	C	18,0 E	19	C	12,2 NW	E	12,6 E
20	C	15,1 W	C	13,7 E	20	C	13,7 S	E	12,6 E
21	C	17,3 SE	C	11,5 E	21	C	13,7 N	E	17,6 E
22	C	18,7 S	C	11,5 S	22	C	12,6 N	E	13,7 SE
23	C	18,0 E	C	14,4 SE	23	C	17,6 E	E	18,0 E
24	C	10,1 SW	C	14,4 SE	24	C	17,3 SE	E	20,9 E
25	C	14,0 W	C	14,4 SE	25	C	18,0 E	E	19,1 E
26	C	17,6 N	C	14,4 SE	26	C	14,8 NW	E	16,9 E
27	C	14,0 N	C	17,3 E	27	C	13,7 NW	E	19,4 E
28	C	22,7 NE	C	18,7 E	28	C	14,0 SE	E	17,3 E
29	C	13,3 NW	C	18,0 E	29	C	11,2 NW	E	10,4 E
30	C	15,1 W	C	16,2 E	30	C	14,4 NW	E	14,0 E
31	C	17,3 NW	C	15,1 E	31	C	20,9 S	C	11,5 NW
MES	C	22,7 NE	E	20,9 SE	MES	C	22,0 E	E	20,9 E

Estación: Cenicafé
 Altitud : 1.310 m.s.n.m.

Municipio: Chinchiná
 Latitud : 4 - 59 N

Año: 1980
 Longitud: 75 - 35 W 316

SEPTIEMBRE

DIA		NOCHE	
Dirección	Ráfaga máx. (km/hora)	Dirección	Ráfaga máx. (km/hora)
1	E	E	11,9 E
2	E	E	14,0 E
3	C	SE	15,1 SE
4	C	C	15,5 SE
5	C	SE	17,3 E
6	C	SE	15,5 SE
7	C	SE	15,8 SE
8	C	V	11,2 S
9	C	E	17,6 E
10	C	E	18,7 E
11	C	SE	17,3 E
12	C	E	17,6 SE
13	C	E	18,4 E
14	C	SE	13,7 E
15	C	E	10,8 E
16	C	E	14,8 E
17	C	E	14,4 SE
18	C	C	8,6 E
19	C	C	7,9 E
20	C	V	14,0 E
21	C	E	11,2 E
22	C	E	14,4 E
23	C	E	17,3 SE
24	C	E	20,5 N
25	C	E	15,8 E
26	C	SE	11,5 E
27	C	V	17,3 SE
28	NW	C	7,9 E
29	C	E	13,7 E
30	C	C	11,5 E
31	C	C	11,5 E
MES	C	E	20,5 N

OCTUBRE

DIA		NOCHE	
Dirección	Ráfaga máx. (km/hora)	Dirección	Ráfaga máx. (km/hora)
1	C	E	13,3 SE
2	C	E	14,4 E
3	C	C	13,7 S
4	C	E	10,8 E
5	C	C	10,1 E
6	C	C	8,3 E
7	C	SE	10,4 E
8	C	E	10,4 E
9	C	E	11,2 E
10	C	E	13,7 E
11	NW	E	13,7 SE
12	C	E	14,8 SE
13	C	E	14,4 SE
14	C	C	13,7 N
15	C	C	7,6 SE
16	C	C	9,7 S
17	C	C	7,2 SE
18	C	C	8,3 E
19	C	SE	8,3 E
20	C	E	11,9 SE
21	C	E	15,1 SE
22	C	E	15,1 SE
23	C	SE	4,0 SE
24	C	E	11,5 E
25	C	SE	13,7 E
26	C	E	14,4 E
27	C	SE	7,2 E
28	C	E	14,4 E
29	C	C	7,2 E
30	C	E	13,7 SE
31	E	E	11,5 SE
MES	C	E	15,1 SE

NOVIEMBRE

DIA		NOCHE	
Dirección	Ráfaga máx. (km/hora)	Dirección	Ráfaga máx. (km/hora)
1	C	SE	10,8 SE
2	C	E	12,2 E
3	C	C	11,2 E
4	C	E	10,8 SE
5	C	C	7,6 E
6	C	C	8,3 E
7	C	E	11,5 SE
8	C	E	10,8 SE
9	C	E	14,0 SE
10	C	E	11,5 SE
11	C	E	11,2 SE
12	C	E	10,4 SE
13	C	C	11,2 SE
14	C	C	10,1 SE
15	C	C	11,5 SE
16	C	SE	14,0 SE
17	C	SE	11,5 SE
18	C	SE	14,0 SE
19	C	E	11,5 SE
20	C	SE	13,7 E
21	C	E	15,0 SE
22	C	SE	14,4 E
23	C	E	13,3 SE
24	C	E	11,5 E
25	C	SE	11,2 E
26	C	E	11,5 SE
27	C	E	10,4 E
28	C	SE	13,7 E
29	C	E	10,8 SE
30	C	SE	11,9 SE
31	C	C	11,9 SE
MES	C	E	14,4 E

DICIEMBRE

DIA		NOCHE	
Dirección	Ráfaga máx. (km/hora)	Dirección	Ráfaga máx. (km/hora)
1	C	C	10,8 SE
2	C	SE	14,0 SE
3	C	E	11,5 E
4	C	E	8,3 SE
5	C	E	14,4 SE
6	C	E	16,6 SE
7	C	SE	15,8 SE
8	C	E	10,8 SE
9	C	SE	14,0 E
10	C	E	14,8 E
11	C	SE	14,4 SE
12	C	C	11,9 N
13	C	E	10,8 SE
14	C	E	10,8 E
15	C	E	11,2 E
16	C	E	14,4 SE
17	C	C	10,8 SE
18	C	E	10,8 E
19	C	E	11,5 SE
20	C	E	7,9 N
21	C	E	11,5 E
22	C	E	14,4 SE
23	C	C	11,5 E
24	C	E	14,0 SE
25	C	C	7,9 E
26	C	E	10,8 E
27	NW	C	21,6 N
28	C	C	6,5 SE
29	C	C	11,5 E
30	C	C	7,6 SE
31	C	E	9,7 E
MES	C	E	21,6 N

Estación: Naranjal
 Altitud : 1.370 m.s.n.m.

Municipio: Chinchiná
 Latitud : 4 - 58 N

Año: 1980
 Longitud: 75 - 36 W 317

ENERO

DIA		NOCHE	
Dirección	Ráfaga máx. (km/hora)	Dirección	Ráfaga máx. (km/hora)
1	NW	13,7 S	SE
2	S	11,2 S	SE
3	NW	9,7 W	SE
4	NW	9,7 W	SE
5	N	8,3 NW	SE
6	N	10,8 S	SE
7	N	10,1 SE	SE
8	N	10,1 W	SE
9	S	15,5 S	S
10	S	10,8 S	S
11	W	15,1 S	SE
12	N	10,8 W	SE
13	N	17,6 E	E
14	W	14,8 S	SE
15	W	7,2 NW	SE
16	W	9,4 NW	SE
17	S	9,7 S	SE
18	N	14,4 S	SE
19	SE	13,7 S	SE
20	W	10,4 NE	SE
21	NW	6,5 S	SE
22	N	10,1 NW	SE
23	N	10,1 NW	S
24	N	8,6 NW	SE
25	N	7,9 SE	SE
26	N	10,1 NE	S
27	N	11,5 NW	SE
28	W	13,0 E	SE
29	NW	10,8 S	S
30	S	16,9 SW	SE
31	W	14,4 SE	S
MES	N	16,9 SW	SE

FEBRERO

DIA		NOCHE	
Dirección	Ráfaga máx. (km/hora)	Dirección	Ráfaga máx. (km/hora)
1	W	6,5 NW	SE
2	W	11,2 NW	SE
3	E	13,7 S	SE
4	W	10,1 N	SE
5	NW	10,4 N	S
6	S	11,5 W	SE
7	NW	9,7 S	SE
8	NW	12,2 S	S
9	N	10,1 NW	SE
10	W	9,0 W	SE
11	NW	13,3 N	SE
12	NW	10,1 NE	SE
13	N	10,8 N	SE
14	NW	10,1 NW	SE
15	W	10,1 NW	S
16	N	10,8 SW	NW
17	W	12,6 S	SE
18	NW	13,3 S	S
19	W	11,5 W	SE
20	S	15,1 S	SE
21	N	13,7 S	S
22	W	10,8 W	S
23	N	13,7 S	S
24	W	10,8 N	SE
25	W	5,4 SW	SE
26	NW	13,7 N	SE
27	N	11,2 NW	SE
28	N	14,0 S	SE
29	N	10,8 N	SE
30			
31			
MES	W	15,1 S	SE

MARZO

DIA		NOCHE	
Dirección	Ráfaga máx. (km/hora)	Dirección	Ráfaga máx. (km/hora)
1	N	10,8 N	S
2	N	10,1 NW	S
3	W	18,0 S	SE
4	W	9,7 W	S
5	N	7,9 SW	SE
6	N	7,2 NE	S
7	N	10,8 N	SE
8	N	9,4 N	S
9	N	11,2 S	SE
10	S	10,1 NW	S
11	N	7,9 N	S
12	W	10,1 S	SE
13	W	10,8 W	S
14	NW	7,2 N	S
15	N	11,2 NW	S
16	N	7,9 NW	SE
17	W	9,0 W	SE
18	NW	19,1 S	SE
19	W	11,5 W	SE
20	NW	10,1 S	S
21	W	14,4 S	S
22	W	11,2 NW	SE
23	SE	7,2 W	SE
24	N	11,2 S	SE
25	S	7,9 SE	SE
26	W	10,1 NW	SE
27	W	10,8 S	S
28	N	13,3 S	SE
29	W	18,7 S	SE
30	S	19,4 NE	SE
31	NW	10,1 SW	SE
MES	N	19,4 NE	SE

ABRIL

DIA		NOCHE	
Dirección	Ráfaga máx. (km/hora)	Dirección	Ráfaga máx. (km/hora)
1	NW	10,4 NW	S
2	S	16,2 S	NE
3	S	18,4 S	SE
4	W	21,2 S	S
5	N	12,2 S	S
6	W	11,9 S	SE
7	W	7,9 SW	SE
8	W	12,6 N	SE
9	W	11,5 W	SE
10	W	10,4 N	S
11	W	15,5 NW	SE
12	W	10,8 N	S
13	W	11,2 S	S
14	NW	11,5 NW	SE
15	NW	11,5 W	S
16	W	10,8 S	SE
17	N	14,4 S	SE
18	W	10,1 NW	SE
19	S	19,4 S	SE
20	N	10,1 S	S
21	N	13,7 S	E
22	N	10,4 S	SE
23	N	13,7 N	SE
24	NW	11,2 E	SE
25	N	10,1 N	SE
26	W	8,3 S	SE
27	NW	11,5 S	SE
28	W	18,4 S	SE
29	N	9,0 N	SE
30	N	15,8 S	S
31			
MES	W	21,2 S	SE

Estación: Naranjal
 Altitud : 1.370 m.s.n.m.;

Municipio: Chinchiná
 Latitud : 4 - 58 N

Año: 1980
 Longitud: 75 - 36 W 318

MAYO

DIA		NOCHE		
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	
Fecha dominante	(km/hora)	dominante	(km/hora)	
1	S ✓	13,7 N	SE	14,8 S
2	W ✓	11,2 N	SE	9,4 SE
3	N ✓	10,1 N	S ✓	11,9 S
4	S ✓	17,3 S	S ✓	13,7 S
5	W ✓	10,8 S	SE	12,6 NW
6	NE ✓	7,6 E	E ✓	10,8 S
7	S ✓	11,5 S	S ✓	11,5 S
8	W ✓	10,4 W	SE	SE
9	NW ✓	13,3 S	SE	14,8 S
10	NW ✓	14,0 E	SE	10,8 S
11	N ✓	10,1 W	S ✓	10,8 S
12	S ✓	17,6 NW	SE	17,3 W
13	NW ✓	12,2 E	SE	14,0 S
14	SE ✓	11,5 SE	SE	8,3 E
15	W ✓	9,7 S	SE	9,0 S
16	NW ✓	14,4 S	SE	10,8 SE
17	SE ✓	12,6 S	SE	11,2 S
18	SE ✓	11,5 S	S ✓	7,2 SE
19	N ✓	15,1 S	S ✓	10,8 S
20	N ✓	18,0 S	SE	10,8 S
21	N ✓	7,9 N	S ✓	11,9 S
22	NW ✓	15,1 W	SE	10,8 S
23	N ✓	10,4 N	S ✓	8,6 S
24	N ✓	14,0 SE	SE	10,8 S
25	W ✓	12,6 E	SE	8,3 S
26	S ✓	12,6 S	SE	10,8 S
27	N ✓	10,8 N	SE	11,2 S
28	N ✓	10,8 N	SE	10,4 S
29	NW ✓	13,7 S	S ✓	10,8 SW
30	E ✓	14,4 S	N ✓	7,2 S
31	N ✓	13,7 S	SE	8,6 NW
MES	N	18,0 S	SE	17,3 W

JUNIO

DIA		NOCHE		
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	
Fecha dominante	(km/hora)	dominante	(km/hora)	
1	N ✓	14,0 N	SE	7,6 SE
2	E ✓	7,2 NW	SE	10,1 SE
3	NW ✓	10,8 NW	SE	10,8 S
4	N ✓	10,8 N	SE	8,6 S
5	NW ✓	11,2 S	SE	16,6 S
6	N ✓	10,1 NW	SE	11,5 S
7	N ✓	11,2 E	S ✓	11,2 S
8	N ✓	10,1 N	S ✓	10,8 S
9	S ✓	11,9 SW	S ✓	13,0 S
10	N ✓	7,9 N	S ✓	SE
11	S ✓	9,0 NW	NE	9,7 S
12	NW ✓	7,9 S	SE	15,5 S
13	NW ✓	7,2 N	SE	10,4 SE
14	NW ✓	9,0 S	S ✓	14,4 S
15	N ✓	11,9 N	SE	11,5 S
16	NW ✓	10,1 NW	SE	11,9 S
17	N ✓	10,8 N	S ✓	15,1 S
18	S ✓	14,8 S	NE	11,5 S
19	E ✓	17,6 SW	SE	9,0 S
20	N ✓	14,8 S	SE	10,1 SE
21	N ✓	9,4 N	S ✓	10,8 S
22	SE ✓	11,2 SE	SE	11,5 S
23	S ✓	13,3 S	SE	13,7 S
24	S ✓	10,8 NW	SE	14,8 S
25	W ✓	14,4 S	SE	11,5 S
26	NW ✓	10,8 S	S ✓	11,9 S
27	N ✓	10,1 NW	S ✓	11,2 S
28	NW ✓	10,1 NW	SE	11,2 S
29	N ✓	9,0 N	SE	14,4 S
30	N ✓	9,0 N	SE	11,5 SW
31	N ✓	9,0 N	SE	11,5 SW
MES	N	17,6 SW	SE	16,6 S

JULIO

DIA		NOCHE		
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	
Fecha dominante	(km/hora)	dominante	(km/hora)	
1	NW ✓	7,1 W	SE	10,4 S
2	S ✓	11,9 S	S ✓	11,2 S
3	N ✓	11,9 N	S ✓	11,2 S
4	N ✓	8,3 N	S ✓	11,5 S
5	N ✓	10,8 N	S ✓	11,5 S
6	N ✓	7,2 N	S ✓	12,2 S
7	N ✓	8,6 N	S ✓	10,1 S
8	N ✓	11,5 N	SE	9,0 S
9	N ✓	9,7 N	SE	8,3 S
10	N ✓	11,5 E	SE	8,3 S
11	W ✓	7,2 NW	S ✓	10,8 SE
12	N ✓	10,8 N	SE	14,4 E
13	W ✓	6,8 NW	S ✓	11,2 S
14	N ✓	10,4 N	S ✓	13,0 S
15	N ✓	15,8 S	S ✓	12,6 S
16	N ✓	10,8 NW	S ✓	10,8 S
17	E ✓	8,3 E	S ✓	10,8 S
18	N ✓	13,7 S	S ✓	11,9 S
19	N ✓	11,2 W	S ✓	11,5 S
20	NW ✓	11,5 S	S ✓	10,4 SE
21	S ✓	15,1 SW	SE	7,9 S
22	N ✓	16,6 S	SE	10,4 S
23	E ✓	10,8 S	NE	15,1 E
24	N ✓	8,6 N	SE	10,1 S
25	NW ✓	10,8 SE	SE	10,4 SE
26	N ✓	10,8 NW	SE	10,8 S
27	W ✓	11,2 NW	SE	18,0 SE
28	NW ✓	13,7 E	SE	12,2 S
29	N ✓	11,9 N	SE	10,4 S
30	N ✓	13,3 S	SE	13,7 SW
31	SE ✓	10,1 NW	SE	12,2 S
MES	N	16,6 S	S	18,0 SE

AGOSTO

DIA		NOCHE		
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	
Fecha dominante	(km/hora)	dominante	(km/hora)	
1	N ✓	8,6 N	SE	11,5 N
2	W ✓	13,0 E	SE	11,2 S
3	N ✓	9,7 N	SE	11,5 S
4	S ✓	11,5 S	SE	11,9 S
5	N ✓	12,2 S	S ✓	11,2 S
6	N ✓	8,6 N	SE	10,1 S
7	W ✓	9,4 S	SE	SE
8	W ✓	10,8 S	SE	10,4 SE
9	NE ✓	9,0 N	S ✓	10,8 S
10	SE ✓	10,8 NW	SE	13,3 S
11	W ✓	9,7 W	SE	11,9 S
12	N ✓	11,2 S	SE	13,7 S
13	N ✓	11,9 S	S ✓	13,3 S
14	V ✓	8,3 W	SE	11,9 S
15	N ✓	9,7 NW	SE	23,0 S
16	V ✓	11,2 NE	SE	7,9 S
17	W ✓	7,9 W	SE	10,8 S
18	W ✓	10,1 W	SE	10,4 S
19	N ✓	8,6 W	SE	10,1 SE
20	N ✓	14,4 S	SE	3,0 S
21	N ✓	10,8 S	SE	11,5 S
22	N ✓	10,8 NE	SE	7,9 SE
23	N ✓	11,5 W	S ✓	14,0 S
24	N ✓	13,0 N	S ✓	14,0 S
25	S ✓	12,2 S	SE	13,7 S
26	NW ✓	11,2 NW	SE	11,9 S
27	N ✓	13,7 NE	SE	14,0 S
28	N ✓	10,8 S	SE	10,1 S
29	NW ✓	10,1 E	NE	7,9 NE
30	W ✓	11,2 W	SE	10,8 S
31	V ✓	22,3 S	V ✓	13,7 S
MES	N	22,3 S	SE	23,0 S

Estación: Naranja
 Altitud : 1.370 m.s.n.m.

Municipio: Chinchiná
 Latitud : 4 - 58 N

Año: 1980
 Longitud: 75 - 36 W 319

SEPTIEMBRE

DIA		NOCHE	
Fecha dominante	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	S	14,4 SE	10,8 S
2	N	18,4 S	10,4 SE
3	V	10,8 N	12,2 E
4	N	18,7 E	15,5 NE
5	NW	18,0 S	14,0 S
6	N	11,9 N	11,2 S
7	V	SE	SE
8	NW	12,2 S	17,6 NE
9	V	10,8 S	13,3 S
10	N	13,3 S	11,5 S
11	V	10,1 N	13,0 S
12	N	11,2 S	11,9 S
13	V	8,6 N	10,8 S
14	W	7,9 N	8,3 S
15	SE	7,9 N	9,0 S
16	V	10,4 S	10,8 S
17	N	10,1 NE	10,8 S
18	S	18,7 S	13,7 S
19	S	16,6 S	13,7 SE
20	V	10,8 E	11,5 S
21	SW	10,1 S	11,2 S
22	N	9,7 N	11,9 S
23	V	11,9 S	11,9 S
24	S	13,7 S	17,3 E
25	N	14,0 S	14,4 S
26	N	10,1 N	10,8 S
27	SE	10,1 NW	12,2 S
28	N	11,5 N	7,2 S
29	N	11,2 NW	14,8 N
30	V	14,4 E	10,4 S
31			
MES	N	18,7 S	SE 17,6 NE

OCTUBRE

DIA		NOCHE	
Fecha dominante	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	S	11,9 N	SE 11,5 S
2	NW	13,7 S	SE 11,5 S
3	NW	11,2 NW	SE 18,0 SW
4	NW	7,6 E	SE 11,2 S
5	V	14,4 S	V 10,1 S
6	N	11,2 S	V
7	N	14,4 S	W 14,4 S
8	NW	14,4 S	SE 9,0 S
9	V	17,3 S	SE 14,4 E
10	S	10,8 S	SE 11,2 S
11	S	13,7 S	SE 13,7 S
12	S	11,2 S	SE 12,6 S
13	S	17,3 S	SE 13,7 S
14	NW	15,5 S	W 13,7 N
15	N	8,6 W	NE 8,6 S
16	N	17,6 W	SE 10,1 S
17	W	13,7 N	SE 4,3 SE
18	S	11,2 S	SE 8,3 S
19	E	10,1 W	S 17,6 S
20	N	18,4 N	SE 8,6 SE
21	S	14,0 S	S 14,0 S
22	W	12,2 S	SE 13,0 S
23	W	10,8 W	S 11,5 S
24	S	14,4 S	SE 11,2 S
25	S	14,8 S	SE 11,2 S
26	V	13,7 S	SE 11,2 S
27	N	7,9 S	SE 10,8 S
28	N	8,6 SE	SE 11,5 S
29	N	7,9 NW	SE 9,0 S
30	N	14,0 S	SE 10,8 S
31	N	13,7 E	SE 10,8 S
MES	N	18,4 N	SE 17,6 S

NOVIEMBRE

DIA		NOCHE	
Fecha dominante	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	N	SE	SE
2	W	7,6 N	10,1 S
3	SE	16,2 NW	8,3 S
4	S	17,3 S	11,2 S
5	S	14,4 S	SE
6	NE	10,1 SE	7,9 SE
7	NW	14,4 S	11,2 S
8	N	10,1 N	10,8 SE
9	W	11,5 NW	10,1 SE
10	N	10,1 NW	10,4 S
11	W	10,8 NW	10,8 S
12	SE	11,9 NW	10,4 SE
13	NW	10,8 N	9,0 SW
14	NW	10,8 S	8,3 S
15	S	11,2 S	E 10,1 E
16	N	11,2 NW	10,4 S
17	N	11,5 NW	10,8 SE
18	S	18,0 SE	12,6 S
19	N	11,5 SE	10,8 S
20	NW	10,8 W	10,1 S
21	S	11,9 S	10,8 S
22	V	10,4 NW	10,8 S
23	W	9,7 NW	11,9 S
24	W	7,2 N	8,6 S
25	N	13,0 NW	11,2 S
26	W	11,5 S	11,2 SE
27	N	9,7 S	10,8 S
28	N	8,3 N	11,5 S
29	W	10,1 S	10,1 SE
30	N	11,5 N	10,8 S
31			
MES	N	18,0 SE	SE 12,6 S

DICIEMBRE

DIA		NOCHE	
Fecha dominante	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	S	18,7 S	SE 11,2 S
2	N	10,8 NW	SE 12,2 SE
3	W	18,7 E	SE 11,5 S
4	N	10,8 N	SE 9,0 SE
5	N	8,6 N	SE 10,8 S
6	N	9,0 N	SE 11,2 S
7	W	12,2 S	S 11,2 S
8	S	6,5 S	S 9,0 S
9	N	11,5 S	SE 10,4 S
10	S	11,5 S	SE 10,1 S
11	S	15,1 S	S 11,9 S
12	W	9,7 N	S 11,2 NE
13	SW	11,9 S	SE 9,7 S
14	W	10,1 S	SE 14,8 S
15	W	9,7 NW	S 10,8 S
16	W	12,2 S	S 13,7 E
17	NW	11,5 NW	SE 9,7 SE
18	N	11,2 E	SE 10,8 S
19	W	10,4 NW	SE 10,4 SE
20	N	10,8 W	SE 8,3 S
21	N	11,5 S	SE 12,2 S
22	N	11,5 S	SE 11,2 S
23	E	7,6 E	S 7,6 E
24	N	8,3 N	S 11,5 SW
25	S	12,2 S	SE 5,4 S
26	S	10,4 S	SE 10,8 S
27	W	12,6 W	SE 14,4 N
28	N	10,4 SE	SE 5,4 S
29	N	9,4 N	S 7,9 S
30	SW	7,9 SW	S 9,7 N
31	N	10,1 N	S 4,3 S
MES	N	18,7 S	SE 14,8 S

Estación: La Florida
 Altitud : 1.850 m.s.n.m.

Municipio: Popayán
 Latitud : 2 - 27 N

Año: 1980
 Longitud: 76 - 35 W 320

SEPTIEMBRE

DIA		NOCHE	
Dirección	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	V	5,0 N	SE
2	W		SE
3	N	1,0 N	SE
4	N	4,0 SW	SE
5	N		SE
6	E	32,0 E	E
7			
8	SE	13,0 NE	V
9	E	25,0 E	E
10	E	43,0 E	E
11	E	21,0 E	SE
12	E	21,0 E	E
13	SE	17,0 SE	SE
14	W	6,0 NE	SE
15	W		C
16			SE
17	W	6,0 E	E
18	W		C
19	W		C
20	W	1,0 N	C
21	N	1,0 N	C
22	SW		SE
23	W	1,0 W	SE
24	N	4,0 N	SE
25	SW	11,0 SE	E
26	N		C
27	SE	11,0 SE	C
28	N	7,0 N	C
29	N		SE
30	V		SE
31			
MES	N-W	43,0 E	SE 24,0 E

OCTUBRE

DIA		NOCHE	
Dirección	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	W	2,0 W	C
2	W		SE
3	W	1,0 W	SE
4	N	1,0 N	C
5	W	2,0 NE	C
6	SE		C
7	V	1,0 SE	C
8	C	4,0 NE	C
9	W	2,0 SE	C
10	NE	1,0 S	C
11	W	7,0 NE	SE
12	W	1,0 W	SE
13	W	2,0 W	SE
14	W	1,0 N	C
15	W		SE
16	NW		C
17	W	1,0 NE	C
18	W		SE
19	V	3,0 N	SE
20	W	1,0 SW	SE
21	NW	1,0 W	SE
22	SW	8,0 SE	SE
23	W	1,0 SW	SE
24	SE	1,0 SW	C
25	SW	2,0 SW	SE
26	N	3,0 N	SE
27	SW	2,0 SW	SE
28	W	1,0 NW	SE
29	N	2,0 NW	C
30	C	2,0 N	E
31	W		SE
MES	W	8,0 SE	SE 1,0 SW

NOVIEMBRE

DIA		NOCHE	
Dirección	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	W	28,0 N	SE
2	NW	6,0 N	
3	SW	4,0 SE	
4	SW	1,0 SW	V
5	SW	2,0 W	C
6	NE	1,0 N	W
7			
8	NW	1,0 N	SE
9			
10	N	2,0 N	SE
11	SE	11,0 SE	C
12	N	3,0 N	SE
13	N	1,0 W	C
14	W	2,0 N	
15	W	1,0 N	C
16	N	3,0 N	C
17	N	3,0 NE	SE
18	N	3,0 N	SE
19	W	4,0 SE	
20	W	1,0 SW	C
21	NW	2,0 N	C
22	W	2,0 W	C
23	C	2,0 N	C
24	N	2,0 N	C
25	W	2,0 N	C
26	N	4,0 SW	C
27	SW	2,0 W	
28	SW	3,0 SW	C
29	C	1,0 W	C
30	SW	2,0 SW	C
31			
MES	N	28,0 N	C 5,0 SW

DICIEMBRE

DIA		NOCHE	
Dirección	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	V	5,0 NW	E
2	N		SE
3	V	30,0 N	SE
4	W	2,0 SW	SE
5	N		SE
6	SW	37,0 SE	SE
7	W	1,0 W	SE
8	SW	2,0 SW	C
9	V	2,0 N	E
10	W	3,0 N	SE
11	W	3,0 N	SE
12	SW	3,0 W	C
13	NW	2,0 N	SE
14	V	5,0 NW	SE
15	N	2,0 N	SE
16	W	6,0 W	SE
17	N	1,0 N	SE
18	SW	1,0 SW	SE
19	SE	5,0 W	SE
20	C	1,0 NW	SE
21	W	27,0 W	C
22	W	2,0 W	C
23	SW	1,0 SW	C
24	SW	4,0 SW	SE
25	V	3,0 N	C
26	SW	1,0 SW	C
27	V	2,0 NE	SE
28	W	3,0 W	C
29	W	2,0 SW	C
30	SW	8,0 SW	C
31	C		E
MES	W	37,0 SE	SE 2,0 SE

Estación: Granja Tibacuy
 Altitud : 1.550 m.s.n.m.

Municipio: Tibacuy
 Latitud : 4 - 21 N

Año: 1980
 Longitud: 74 - 25 W 321

ENERO				FEBRERO			
DIA		NOCHE		DIA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)	Fecha dominante	(km/hora)	dominante	(km/hora)
1		SW		1	SE	S	
2	SE	W		2	SE	C	
3	SE	W		3	SW	C	
4	SE	W		4	SE	C	
5	SE	SW		5	E	C	
6	SE	W		6	SE	C	
7	SE	W		7	SE	W	
8	SE	SW		8	SE	SW	
9	SE	W		9	SE	W	
10	SE	SW		10	SE	W	
11	SE	SW		11	SE	W	
12	SE	W		12	SE	W	
13	E	W		13	SE	W	
14	SE	SW		14	SE	W	
15	SE	W		15	SE	W	
16	SE	C		16	SE	W	
17	SE	SW		17	SE	W	
18	SE	W		18	SE	C	
19	S	SW		19	SE	W	
20	S	W		20	SE	C	
21	SE	W		21	SE	SW	
22	SE	W		22	SE	SW	
23	SE	W		23	E		
24	SE	W		24	E	W	
25	SE	W		25	E	W	
26	W	W		26	SE	SW	
27	SE	W		27	SE	SW	
28	SE	W		28	SE	W	
29	SE	W		29	E	W	
30	SE	NW		30			
31	SE	W		31			
MES	SE	W		MES	SE	W	

MARZO				ABRIL			
DIA		NOCHE		DIA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)	Fecha dominante	(km/hora)	dominante	(km/hora)
1	SE	SW		1			
2	SE	SW		2			
3	SE	W		3			
4	E	SW		4			
5	E	W		5		SW	
6	SE	W		6	E	SW	
7	SE	W		7	W	SW	
8	E	W		8	E	SW	
9	E	SW		9	E	W	
10	SE	W		10	SE	C	
11	SE	W		11	SE	W	
12	SE	W		12	E	W	
13	SE	SW		13	E	SW	
14	SE	SW		14	E	SW	
15	E	W		15	SE	SW	
16	E	W		16	E	W	
17	NW	W		17	E	W	
18	N	C		18	E	W	
19	SE	C		19	E	W	
20	SE	W		20	E	W	
21	SE	W		21	N	SW	
22	SE	SW		22	E	C	
23	SE	W		23	F	SW	
24	SE	W		24	F	SW	
25	SE	W		25	F	W	
26	SE	SW		26	E		
27	SE	W		27	E	SW	
28	SE			28	E	SW	
29				29	E	SW	
30				30	E	SW	
31	SE	SW		31	E	SW	
MES	SE	W		MES	E	SW	

Estación: Granja Tibacuy
 Altitud : 1.550.m.s.n.m.

Municipio: Tibacuy
 Latitud : 4 - 21 N

Año: 1980
 Longitud: 74 - 25 W 322

MAYO

DIA		NOCHE	
Dirección Ráfaga máx. (km/hora)		Dirección Ráfaga máx. dominante (km/hora)	
1	SE	W	
2	E	SW	
3	E	W	
4	E	W	
5	E		
6	E	W	
7	SE	W	
8	E	W	
9	E	SW	
10	E	SW	
11	E	W	
12		SW	
13	E	SW	
14	V	SW	
15	E	C	
16	SE		
17	E	SW	
18	E	C	
19			
20	E	W	
21	SE	SW	
22	E	SW	
23	E	SW	
24	E	W	
25	V	V	
26	SE	SW	
27	SE	SW	
28	SE	SW	
29	E	SW	
30	E	SW	
31	E	C	
MES	E	SW	

JUNIO

DIA		NOCHE	
Dirección Ráfaga máx. (km/hora)		Dirección Ráfaga máx. dominante (km/hora)	
1	SE	C	
2	E	W	
3	SE	SW	
4	SE	SW	
5	E	W	
6	E	C	
7	SE	SW	
8	E	SW	
9		SW	
10	SE	SW	
11	E	SW	
12	SE	C	
13	SE	SW	
14	E	SW	
15	E	SW	
16	S	W	
17	SE		
18	E	W	
19	E	SW	
20	E	W	
21	E	W	
22	E	W	
23	SE	SW	
24	E	SW	
25	E	W	
26	N	W	
27	V	W	
28	SE	SW	
29	E	W	
30	E	SW	
31			
MES	E	SW	

JULIO

DIA		NOCHE	
Dirección Ráfaga máx. (km/hora)		Dirección Ráfaga máx. dominante (km/hora)	
1	SE	W	
2	S	SW	
3	SE		
4	SE	W	
5	SE	W	
6	SE	W	
7	V	W	
8	SE	W	
9	V	W	
10	SE	W	
11	SE	W	
12	SE	W	
13	SE	W	
14	SE	W	
15	SE	W	
16	SE	W	
17	SW	W	
18	V	W	
19	SW	W	
20	SW	SW	
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
MES			

AGOSTO

DIA		NOCHE	
Dirección Ráfaga máx. (km/hora)		Dirección Ráfaga máx. dominante (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			

Estación: Ospina Pérez
 Altitud : 1.700 m.s.n.m.

Municipio: Consacá
 Latitud : 1 - 16 N

Año: 1980
 Longitud: 77-28 W 323

ENERO			
DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	NW	W	
2	W	SE	
3	NW	W	
4	W	E	2,0 W
5	NW	E	
6	S	SE	2,0 S
7	W	E	
8	W	E	
9	W	W	
10	W	W	
11	N	E	
12	NW	SW	
13	NW	W	
14	NW	NW	2,0 NW
15	W	W	1,0 W
16	NW	W	
17	W	W	1,0 E
18	NW	W	
19	W	W	
20	V	SE	1,0 W
21	N	E	1,0 NE
22	W	E	
23	W	E	
24	NW	SE	
25	W	S	4,0 SW
26	W	SE	5,0 W
27	W	W	5,0 NE
28	NW	W	5,0 W
29	NW	W	2,0 W
30	NW	E	
31	N	E	1,0 W
MES	W	W	5,0 NE
		W	8,0 SW

FEBRERO			
DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	NE	W	1,0 E
2	NW	W	
3	W	W	
4	W	SW	
5	W	C	
6	N	W	2,0 W
7	NW	W	1,0 N
8	N	W	3,0 N
9	NW	W	1,0 NE
10	W	W	1,0 NW
11	N	E	1,0 W
12	N	E	
13	W	E	4,0 W
14	NE	SE	5,0 NE
15	N	W	3,0 N
16	W	W	1,0 N
17	NW	SW	4,0 NW
18	W	SW	
19	NW	E	
20	NW	E	
21	W	E	1,0 N
22	W	E	2,0 NW
23	W	SW	3,0 NE
24	W	SW	2,0 W
25	W	SW	2,0 NE
26	W	W	2,0 W
27	N	E	2,0 N
28	W	W	
29	W	W	3,0 W
30			
31			
MES	W	W	5,0 NE
		W	2,0 W

MARZO			
DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	NW	SW	3,0 NE
2	W	SW	2,0 NW
3	NW	SW	3,0 W
4	N	W	3,0 W
5	NW	SW	3,0 E
6	NW	SE	2,0 E
7	NE	E	2,0 NW
8	W	E	2,0 W
9	W	E	1,0 W
10	W	SE	
11	N	E	
12	SW	E	1,0 NE
13	NW	E	1,0 SE
14	W	E	
15	W	E	
16	W	E	
17	N	E	
18	V	E	3,0 E
19	W	E	1,0 NW
20	NW	E	2,0 NE
21	W	E	
22	W	E	
23	E	E	
24	V	E	4,0 S
25	V	E	
26	S	E	2,0 V
27	V	V	1,0 W
28	V	SE	
29	V	V	2,0 SW
30	V	E	1,0 S
31	W	E	17,0 SW
MES	W	E	17,0 SW
		E	2,0 SW

ABRIL			
DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	N	W	2,0 N
2	W	E	
3	SW	E	3,0 W
4	V	E	1,0 NE
5	V	E	2,0 E
6	W	E	1,0 W
7	V	E	1,0 NE
8	W	E	1,0 W
9	W	E	
10	NW	E	
11	W	E	2,0 W
12	W	E	1,0 N
13	W	E	3,0 W
14	V	E	
15	W	SE	2,0 SW
16	W	E	8,0 W
17	W	E	2,0 NW
18	NW	E	
19	W	E	27,0 SE
20	SW	SW	20,0 W
21	W	SW	4,0 W
22	W	E	3,0 W
23	W	SW	2,0 W
24	W	SW	3,0 W
25	N	E	2,0 W
26	N	E	1,0 N
27	W	E	4,0 N
28	W	E	4,0 N
29	NW	E	4,0 N
30	NE	SW	4,0 W
31			
MES	W	E	27,0 SE
		E	4,0 N

Estación: Ospina Pérez
 Altitud : 1.700 m.s.n.m.

Municipio: Consacá
 Latitud : 1 - 16 N

Año: 1980
 Longitud: 77 - 28 W - 324

DIA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	V	1,0 NW	E
2	W	2,0 W	E
3	W	2,0 E	E
4	W	3,0 SW	E
5	NW	SW	E
6	W	1,0 N	SW
7	W	2,0 W	E
8	W	2,0 W	E
9	W	1,0 W	E
10	W	2,0 W	SW
11	W	8,0 SW	V
12	E	1,0 W	V
13	W	SW	SW
14	W	1,0 NE	SW
15	W	2,0 SW	E
16	W	3,0 W	SW
17	NW	1,0 NW	E
18	NW	1,0 W	E
19	W	1,0 NW	E
20	W	1,0 W	E
21	W	1,0 W	SW
22	NW	SW	SW
23	NW	1,0 N	E
24	W	1,0 NW	E
25	W	2,0 SW	SW
26	W	E	7,0 E
27	SW	9,0 SW	E
28	W	2,0 W	E
29	NW	3,0 W	SW
30	W	2,0 E	W
31	W	3,0 NE	SW
MES	W	9,0 SW	E

DIA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	NW	3,0 NE	E
2	NE	E	E
3	SW	7,0 SW	E
4	SW	2,0 N	SE
5	W	1,0 NE	SE
6	N	2,0 NW	SW
7	W	1,0 W	E
8	NW	5,0 SW	E
9	NW	1,0 W	E
10	W	3,0 W	SW
11	W	SW	W
12	NW	SW	C
13	NW	SW	E
14	NW	8,0 NE	E
15	SW	18,0 SW	E
16	W	6,0 NW	E
17	W	1,0 W	V
18	W	6,0 NW	V
19	W	3,0 W	SW
20	W	2,0 W	E
21	W	20,0 W	SE
22	W	21,0 SW	E
23	W	3,0 W	E
24	W	2,0 W	E
25	NW	6,0 NW	E
26	W	5,0 NW	E
27	V	6,0 SW	S
28	SW	22,0 SW	S
29	SW	25,0 SW	SE
30	V	8,0 SW	SE
31			
MES	W	25,0 SW	E

DIA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	SW	11,0 W	E
2	W	11,0 SW	E
3	SW	32,0 SW	E
4	SW	24,0 SW	S
5	SW	34,0 W	SE
6	SW	16,0 SW	SE
7	W	13,0 SW	E
8	W	2,0 W	E
9	NW	2,0 W	SW
10	W	2,0 W	E
11	N	E	E
12	W	2,0 W	E
13	NW	2,0 W	E
14	W	1,0 W	E
15	W	3,0 SW	E
16	W	1,0 W	E
17	SW	17,0 SW	E
18	V	12,0 E	S
19	W	2,0 W	E
20	NW	2,0 W	E
21	V	E	E
22	W	E	E
23	W	1,0 W	E
24	W	2,0 N	E
25	W	E	E
26	W	3,0 W	V
27	NW	3,0 SW	E
28	NW	1,0 NW	E
29	NW	2,0 W	E
30	W	2,0 W	V
31	W	3,0 NW	SE
MES	W	34,0 W	E

DIA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	SW	12,0 SW	S
2	W	14,0 W	E
3	N	7,0 N	E
4	W	7,0 W	V
5	W	2,0 W	SW
6	W	1,0 W	E
7	W	2,0 W	SW
8	NW	1,0 N	SW
9	NE	8,0 SW	E
10	SW	14,0 SW	E
11	SW	38,0 S	SE
12	SW	33,0 NW	E
13	W	13,0 NE	V
14	V	2,0 N	V
15	W	19,0 SW	E
16	W	2,0 NW	E
17	N	3,0 W	E
18	W	2,0 N	E
19	NW	4,0 N	SE
20	W	5,0 W	SE
21	NW	1,0 W	SE
22	W	8,0 NW	SE
23			S
24	SW	35,0 SW	SE
25			SE
26	SW	33,0 SW	V
27	SW	34,0 SW	E
28	SW	14,0 SW	SW
29	W	20,0 W	E
30	SW	21,0 S	E
31	W	11,0 W	E
MES	W	38,0 S	E

Estación: Ospina Pérez
 Altitud : 1.700 m.s.n.m.

Municipio: Consacá
 Latitud : 1-16 N

Año: 1980
 Longitud: 77 - 28 W 325

SEPTIEMBRE

DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	W	5,0 W	SW
2	W	7,0 W	E
3	W	9,0 N	E
4	W	14,0 SW	V
5	W	5,0 NW	E
6	SW	31,0 SW	SE
7	W	2,0 W	E
8	W	14,0 SW	V
9	W	4,0 W	E
10	SW	21,0 SW	SE
11	SW	27,0 SW	E
12	SW	27,0 SW	E
13	SW	22,0 SW	E
14	W	3,0 W	E
15	V	12,0 N	W
16	NW	6,0 W	E
17	W	8,0 W	E
18	NW	5,0 NE	N
19	NW		W
20	W	2,0 NE	W
21	W	3,0 N	V
22	W	4,0 N	SW
23	W	12,0 NW	E
24	W	7,0 W	E
25	SW	33,0 NE	E
26	W	3,0 W	SW
27	W	7,0 NW	W
28	V	3,0 NE	E
29	NE	8,0 W	SW
30	W	3,0 NW	SW
31			
MES	W	33,0 NE	E 14,0 S

OCTUBRE

DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	W	2,0 W	SW
2	W	1,0 NW	E
3	NE	5,0 NW	W
4	N	7,0 E	E
5	NW	1,0 W	E
6	NW	4,0 E	V
7	NW	3,0 NW	W
8	SW		SW
9	NW	2,0 W	E
10	W	3,0 S	W
11	NW	2,0 N	E
12	W	11,0 SE	SE
13	W	11,0 W	SE
14	NW	1,0 N	E
15	NW		W
16	NW		W
17	NW	2,0 NE	C
18	W		E
19	NW	2,0 NW	SW
20	W	1,0 NE	SE
21	W	1,0 W	E
22	W	2,0 W	SE
23	W	1,0 NW	W
24	NW	1,0 NE	SE
25	W	1,0 E	E
26	NW	1,0 NW	V
27	NW	1,0 W	W
28	W	2,0 NW	W
29	NW		SE
30	NW	1,0 NW	E
31	NW	2,0 NW	W
MES	NW	7,0 E	E 7,0 NE

NOVIEMBRE

DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	W	3,0 NE	W
2	NE		SE
3	NW		SW
4	W	3,0 NE	W
5	NW	2,0 NE	NE
6	W	2,0 W	SE
7	NW	2,0 NW	SE
8	NW	3,0 W	E
9	W	3,0 NE	SE
10	NW	5,0 W	SE
11	NW	12,0 W	W
12	NW	1,0 NW	W
13	W	4,0 W	W
14	W	5,0 N	W
15	W	1,0 N	W
16	W	3,0 NW	SE
17	NW	3,0 NE	E
18			
19			
20			
21	W		W
22	W		V
23	W	4,0 E	SE
24	NW	1,0 E	W
25	W	2,0 W	W
26	W	3,0 NE	SW
27	NE	1,0 W	E
28	W	1,0 W	W
29	W		W
30	V	1,0 NW	C
31			
MES	W	12,0 W	W 1,0 E

DIEMBRE

DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	W	2,0 W	SW
2	W	2,0 W	E
3	W	3,0 W	W
4	W	2,0 W	E
5	NW	3,0 NE	E
6	W	3,0 W	E
7	NW	2,0 NW	E
8	NW		W
9	NW	1,0 NW	V
10	NW		E
11	W	2,0 NW	W
12	E	2,0 E	V
13	V		W
14	NW	2,0 NW	E
15	W	1,0 W	W
16	NW	2,0 W	W
17	V	1,0 W	E
18	NW	3,0 NE	V
19	W	2,0 W	W
20	W	2,0 W	V
21	NW	2,0 E	W
22	NW	2,0 W	E
23	W	1,0 NE	E
24	W		W
25	NW		E
26	W	1,0 W	V
27	NW	2,0 N	E
28	NW		E
29	W	2,0 W	SW
30	W	3,0 NE	W
31	NW		W
MES	W-NW	3,0 W	E 2,0 E

Estación: Blonay.
 Altitud : 1.235 m.s.n.m.

Municipio: Chiriácota
 Latitud : 7 - 35 N

Año: 1980
 Longitud: 72 - 36 W 326

ENERO

DIA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	C	C	
2	NW	C	
3	NW	C	
4	NW	C	
5	NW	C	
6			
7	W	C	
8	W	C	
9	W	C	
10	W	C	
11	W	C	
12	NW	C	
13	C	C	
14	W	C	
15	C	C	
16	C	C	
17	NW	C	
18	C	C	
19	C	C	
20	C	C	
21	C	C	
22	C	C	
23	W	C	
24	C	C	
25	W		
26	W	E	
27			
28	W	C	
29	W	C	
30	W	C	
31	C	C	
MES	W	C	

FEBRERO

DIA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	C	C	
2	C	C	
3	C	C	
4	C	C	
5	C	C	
6	C	C	
7	NW	C	
8	C	C	
9	C	C	
10	W	C	
11	NW	C	
12	NW	C	
13	NW	C	
14			
15			
16	C	C	
17			
18	NW	C	
19	NW	C	
20	NW	C	
21	NW	C	
22	NW	C	
23	NW	C	
24	C	C	
25	W	C	
26	NW	C	
27	NW	C	
28	W	C	
29	C	C	
30			
31			
MES	NW	C	

MARZO

DIA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	NW	C	
2	NW	C	
3	NW	C	
4	NW	C	
5	NW	C	
6	NW	C	
7	C	C	
8	C	C	
9	NW	C	
10	C	C	
11	C	C	
12	C	C	
13	NW	C	
14	NW	C	
15	NW	C	
16	C	C	
17	C	C	
18	NW	C	
19	NW	C	
20	NW	C	
21	NW	C	
22	NW	C	
23	NW	C	
24	C	C	
25	C	C	
26	SE	E	
27	NW	C	
28	S	C	
29	NW	C	
30	C	C	
31	NW	C	
MES	NW	C	

ABRIL

DIA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	NW	C	
2	NW	C	
3	NW	C	
4	NW	C	
5	C	C	
6	C	C	
7	C	C	
8	C	C	
9	NW	C	
10	W	C	
11	NW	C	
12	NW	C	
13	W	C	
14	W	C	
15	C	C	
16	C	C	
17	C	C	
18	C	C	
19	C	C	
20	C	C	
21	W	C	
22	NW	C	
23	NW	C	
24	C	C	
25	W	C	
26	W	C	
27	W	C	
28	W	C	
29	C	C	
30	W	C	
31			
MES	C	C	

Estación: Blonay
 Altitud : 1.235 m.s.n.m.

Municipio: Chinácota
 Latitud : 7 - 35 N

Año: 1980
 Longitud: 72 - 36 W 327

MAYO		
DIA	NOCHE	
Dirección Ráfaga máx. (km/hora)	Dirección Ráfaga máx. dominante (km/hora)	
1	NW	C
2	NW	C
3	C	C
4	NW	C
5	W	C
6	C	C
7	C	C
8	C	C
9	NW	C
10	C	C
11	SE	C
12	NW	C
13	NW	C
14	C	C
15	W	C
16	W	C
17	NW	C
18	W	C
19	W	C
20	W	C
21	C	C
22	C	C
23	C	C
24	W	C
25	C	C
26	W	C
27	C	C
28	W	C
29	NW	C
30	W	C
31	W	C
MES	W	C

JUNIO		
DIA	NOCHE	
Dirección Ráfaga máx. (km/hora)	Dirección Ráfaga máx. dominante (km/hora)	
1	C	C
2	C	C
3	W	C
4	W	C
5	W	C
6	C	C
7	W	C
8	W	C
9	NW	C
10	C	C
11	NW	C
12	C	C
13	NW	C
14	SE	C
15	S	C
16	W	C
17	NW	C
18	NW	C
19	NW	C
20	C	C
21	NW	C
22	C	C
23	C	C
24	NW	C
25	NW	C
26	C	C
27	NW	C
28	C	SE
29	SE	C
30	NW	C
31		
MES	NW	C

JULIO		
DIA	NOCHE	
Dirección Ráfaga máx. (km/hora)	Dirección Ráfaga máx. dominante (km/hora)	
1	NW	C
2	C	C
3	NW	C
4	NW	C
5	SW	C
6	NW	C
7	NW	C
8	W	C
9	W	C
10	C	C
11	W	C
12	NW	C
13		C
14	C	C
15	C	C
16	C	C
17	NW	C
18		C
19		C
20		C
21	C	C
22	NW	C
23	NW	C
24	NW	C
25	NW	C
26	NW	C
27		C
28	C	C
29	NW	C
30	W	C
31	W	C
MES	NW	C

AGOSTO		
DIA	NOCHE	
Dirección Ráfaga máx. (km/hora)	Dirección Ráfaga máx. dominante (km/hora)	
1	NW	C
2	NW	C
3	NW	C
4	NW	C
5	NW	C
6	NW	C
7	NW	C
8	NW	C
9	NW	C
10	NW	C
11	C	C
12	NW	C
13	NW	C
14	NW	C
15	V	C
16	W	C
17	NW	C
18	NW	C
19	C	C
20	W	C
21	NW	C
22	NW	C
23	SE	C
24	NW	C
25	W	C
26	NW	C
27	W	C
28	C	C
29	NW	C
30	C	C
31	NW	C
MES	NW	C

Estación: Blonay
 Altitud : 1.235 m.s.n.m.

Municipio: Chinácota
 Latitud : 7 - 35 N

Año: 1980
 Longitud: 72 - 36 W 328

SEPTIEMBRE

DIA		NOCHE	
Dirección Ráfaga máx. (km/hora)		Dirección Ráfaga máx. (km/hora)	
Fecha dominante		Fecha dominante	
1	NW	C	
2	NW	C	
3	C	C	
4	V	C	
5	W	C	
6	W	C	
7	W	C	
8	W	C	
9	NW	C	
10	NW	C	
11	W	C	
12	NW	C	
13	W	C	
14	W	C	
15	NW	C	
16	C	C	
17	V	C	
18	NW	C	
19	W	C	
20	W	C	
21	W	C	
22	W	C	
23	W	C	
24	W	C	
25	NE	C	
26	W	C	
27	W	C	
28	W	C	
29	W	C	
30	W	C	
31		C	
MES	W	C	

OCTUBRE

DIA		NOCHE	
Dirección Ráfaga máx. (km/hora)		Dirección Ráfaga máx. (km/hora)	
Fecha dominante		Fecha dominante	
1	C	C	
2	W	C	
3	W	C	
4	W	C	
5	NW	C	
6	C	C	
7	C	C	
8	C	C	
9	C	C	
10	W	C	
11	W	C	
12	W	C	
13	W	C	
14	W	C	
15	W	C	
16	W	C	
17	W	C	
18	W	C	
19	NW	C	
20	W	C	
21	W	C	
22	W	C	
23	C	C	
24	NW	C	
25	W	C	
26	C	C	
27	W	C	
28	NW	C	
29	SE	C	
30	C	C	
31	NW	C	
MES	W	C	

NOVIEMBRE

DIA		NOCHE	
Dirección Ráfaga máx. (km/hora)		Dirección Ráfaga máx. (km/hora)	
Fecha dominante		Fecha dominante	
1	NW	C	
2	NW	C	
3	NW	C	
4	NW	C	
5	NW	C	
6	C	C	
7	NW	C	
8	NW	C	
9	NW	C	
10	NW	C	
11	NW	C	
12	C	C	
13	C	C	
14	C	C	
15	NW	C	
16	NW	C	
17	NW	C	
18	N	C	
19	NW	C	
20	C	C	
21	C	C	
22	C	C	
23	NW	C	
24	C	C	
25	C	C	
26	C	C	
27	NW	C	
28	NW	C	
29	NW	C	
30	C	C	
31		C	
MES	NW	C	

DICIEMBRE

DIA		NOCHE	
Dirección Ráfaga máx. (km/hora)		Dirección Ráfaga máx. (km/hora)	
Fecha dominante		Fecha dominante	
1	N	C	
2	C	C	
3	V	C	
4	C	C	
5	C	C	
6	C	C	
7	C	C	
8	C	C	
9	C	C	
10	NW	C	
11	NW	C	
12	C	C	
13	C	C	
14	C	C	
15	NW	C	
16	C	C	
17	C	C	
18	N	C	
19	N	C	
20	N	C	
21	NW	C	
22	N	C	
23	NW	C	
24	NW	C	
25	N	C	
26	C	C	
27	NW	C	
28	C	C	
29	C	C	
30	C	C	
31	C	C	
MES	C	C	

ENERO

DIA		NOCHE		
Dirección	Ráfaga máx. (km/hora)	Dirección	Ráfaga máx. (km/hora)	
1	W	10,8 SW	W	4,3 NW
2	W	27,0 NE	E	5,4 E
3	SW	22,7 NE	SE	11,5 W
4	W	12,6 W	SE	5,4 SW
5	NE	11,9 W	SW	
6	W	17,6 NW	S	11,2 W
7	W	17,6 W	S	13,7 SW
8	W	19,4 SW	SE	3,6 SE
9	S	14,4 S	N	7,2 S
10	SW	28,8 SE	N	6,5 SW
11	W	46,8 SE	NE	14,8 NE
12	W	15,1 W	SE	23,0 E
13	SW	16,6 W	SE	7,2 NW
14	W	45,0 SE	SW	11,5 SE
15	W	16,9 W	E	7,2 NE
16	NE	26,3 SE	SE	7,6 E
17	NW	10,4 NW	S	
18	SW	14,4 NE	S	8,6 W
19	W	22,7 E	SE	4,7 W
20	W	10,8 NE	SW	10,1 NE
21	W	11,5 NW	S	
22	W	19,1 W	SE	7,6 SW
23	NW	13,7 NW	SE	11,2 W
24	NW	11,2 NE	SE	13,0 SW
25	SW	11,5 NW	SE	7,6 S
26	W	15,8 SW	E	7,2 S
27	N	15,1 NW	SE	9,4 W
28	NE	11,2 W	S	6,8 E
29	SW	27,0 N	SE	41,8 E
30	W	44,3 SW	W	10,1 SE
31	W	14,0 S	SW	8,3 E
MES	W	46,8 SE	SE	41,8 E

FEBRERO

DIA		NOCHE		
Dirección	Ráfaga máx. (km/hora)	Dirección	Ráfaga máx. (km/hora)	
1	N	14,4 SE	E	8,3 E
2	SW	10,4 S	NE	17,3 E
3	NW	19,4 NW	E	
4	W	29,5 NW	S	7,2 E
5	W	33,1 E	SW	12,6 E
6	NW	11,2 N	SW	7,9 W
7	SE	13,3 SW	E	7,2 E
8	W	21,2 NE	W	7,2 E
9	W	14,8 W	SE	6,5 SE
10	W	15,8 W	SE	9,7 SW
11	W	15,1 SW	SE	6,1 SW
12	W	14,8 W	SW	8,6 SW
13	W	16,9 NW	SE	8,6 W
14	W	25,2 SW	SE	5,0 W
15	SW	17,3 SW	SE	12,6 SW
16	SW	17,3 SW	E	18,7 E
17	NW	14,0 NW	SE	8,3 E
18	SW	33,1 SW	SW	10,8 NW
19	W	46,4 NE	SW	10,1 SE
20	W	14,0 W	N	8,6 E
21	W	47,9 NE	NE	7,2 NW
22	W	32,0 E	V	7,6 E
23	SE	10,8 NE	SE	6,5 S
24	W	19,8 W	E	6,8 E
25	N	27,0 E	SE	15,5 SE
26	W	22,3 SE	E	10,1 E
27	W	16,2 W	SE	13,7 E
28	W	32,4 SW	SW	11,5 N
29	W	28,4 SE	S	24,8 SE
30				
31				
MES	W	47,9 NE	SE	24,8 SE

MARZO

DIA		NOCHE		
Dirección	Ráfaga máx. (km/hora)	Dirección	Ráfaga máx. (km/hora)	
1	SW	19,8 SW	SE	5,4 E
2	W	29,9 SE	SE	15,5 S
3	SW	15,1 S	S	15,5 SE
4	W	18,4 SW	SE	8,6 SW
5	W	19,1 W	SW	8,6 NW
6	NW	11,9 SE	SE	7,6 SW
7	W	15,1 SW	SE	10,1 SW
8	W	15,8 W	SE	7,2 SE
9	W	20,9 SW	SE	9,4 S
10	W	16,6 W	SW	7,2 SE
11	E	11,9 SW	SE	10,4 SW
12	W	12,2 SW	SE	7,9 E
13	N	12,6 N	SE	12,2 SW
14	NW	10,1 NW	SE	7,2 NE
15	NW	16,9 NW	SE	5,0 SE
16	NW	26,3 SE	SE	10,1 SW
17	NE	23,4 E	SE	10,8 NW
18	NW	20,2 W	NE	11,5 E
19	NE	10,1 SW	SE	8,6 NE
20	W	19,1 W	SE	12,6 SW
21	W	41,8 SW	SW	16,6 SE
22	SW	11,9 SE	SE	5,4 W
23	NW	16,6 NW	SE	7,2 SE
24	W	19,1 SW	SE	15,8 SW
25	NW	16,6 W	S	8,3 SW
26	V	14,0 W	E	10,4 E
27	W	22,3 NW	SE	13,7 SW
28	SW	28,1 W	SE	8,6 SE
29	W	22,0 W	SE	11,2 NE
30	NE	10,1 NE	SE	8,6 NE
31	W	24,5 NE	SE	6,5 SE
MES	W	41,8 SW	SE	16,6 SE

ABRIL

DIA		NOCHE		
Dirección	Ráfaga máx. (km/hora)	Dirección	Ráfaga máx. (km/hora)	
1	W	23,4 W	SE	7,2 S
2	W	24,1 W	NE	10,1 NE
3	V	33,5 SW	SE	9,0 W
4	W	35,3 SE	SE	11,2 W
5	W	17,3 W	SE	7,9 SW
6	SW	22,0 W	NE	8,3 W
7	W	24,8 S	S	10,4 SW
8	SW	31,7 W	S	7,2 W
9	W	25,9 SW	E	10,8 SW
10	W	18,7 W	SW	7,2 SW
11	W	24,5 W	S	31,7 SE
12	W	17,3 NW	SE	3,6 SE
13	SW	18,4 SW	SW	7,9 NE
14	V	19,4 W	SW	8,6 W
15	SW	16,9 NE	SW	5,4 SE
16	W	18,7 NW	SE	8,3 SW
17	V	14,8 E	SE	6,8 SE
18	W	13,3 W	SE	7,9 SE
19	W	15,8 NW	SE	11,5 NE
20	W	12,2 SW	SE	8,6 W
21	SW	26,6 W	E	7,2 SE
22	W	18,7 W	SE	14,8 E
23	W	18,0 W	E	11,2 SW
24	NE	10,1 NE	N	6,8 NW
25	NW	11,9 N	SE	5,0 SW
26	W	9,4 W	E	10,4 NE
27	W	17,3 W	E	7,2 NE
28	W	33,8 NE	NE	7,2 W
29	SW	18,0 SW	E	15,5 NE
30	W	18,0 W	SE	23,0 NE
31				
MES	W	35,3 SE	SE	31,7 SE

Estación: Paraguaicito
 Altitud : 1.250 m.s.n.m.

Municipio: Pijao
 Latitud : 4 - 24 N

Año: 1980
 Longitud: 75 - 43 W 330

MAYO

DIA		NOCHE		
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	
Fecha dominante	(km/hora)	dominante	(km/hora)	
1	S	16,9 W	E	11,2 SE
2	W	15,5 W	SE	7,2 W
3	W	15,8 N	V	10,1 NE
4	W	12,6 NW	SE	9,7 NW
5	W	13,0 W	E	11,5 W
6	W	19,4 W	SE	7,2 W
7	NE	13,3 N	SE	11,9 NW
8	V	18,7 W	C	5,4 NW
9	W	18,4 SE	SW	18,7 W
10	W	29,5 SE	SE	8,6 NE
11	W	20,2 NW	SE	7,2 SE
12	W	17,3 SE	V	15,5 NE
13	W	9,7 W	SE	5,4 SE
14	NW	25,2 N	SW	
15	SW	16,2 SW	S	6,5 SE
16	W	15,1 SW	NE	6,1 NE
17	NE	24,5 E	SE	4,7 SE
18	W	29,5 SW	NW	9,0 E
19	W	19,4 W	SE	6,5 SE
20	W	15,5 SW	V	7,6 E
21	W	10,8 W	SE	10,8 W
22	W	20,9 SW	V	14,0 W
23	W	16,2 NE	SE	14,0 W
24	W	13,7 W	SW	7,2 SW
25	NW	10,8 W	V	9,0 E
26	SW	26,3 S	S	
27	W	14,4 SW	SW	7,6 NE
28	W	12,6 W	SE	6,8 NW
29	SW	20,9 E	SE	10,4 NE
30	SW	21,6 NW	E	9,0 E
31	NW	17,3 N	SW	9,0 SW
MES	W	29,5 SE	SE	18,7 W

JUNIO

DIA		NOCHE		
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	
Fecha dominante	(km/hora)	dominante	(km/hora)	
1	SW	15,1 S	N	
2	N	10,8 W	SW	3,6 SW
3	W	14,4 SW	SE	7,2 SW
4	W	19,1 SW	S	7,2 NE
5	V	24,8 NE	SW	7,2 W
6	NW	11,9 W	E	6,5 NE
7	SW	12,6 W	SE	10,1 SE
8	V	15,1 SW	SW	7,6 NW
9	W	15,5 W	SW	9,0 SW
10	W	11,2 W	S	7,2 NE
11	W	14,4 S	NE	7,2 NW
12	NE	23,0 W	SE	7,9 SW
13	W	9,0 W	SE	7,2 NE
14	W	19,4 W	V	11,9 NE
15	W	17,6 W	V	10,1 SE
16	SW	20,9 W	SE	11,2 NW
17	SW	22,3 NE	E	11,2 E
18	NE	15,1 NE	SE	7,9 NW
19	W	32,4 W	SE	13,7 NE
20	W	22,7 W	E	3,6 SE
21	W	17,6 W	SW	7,9 W
22	NW	15,1 W	SE	7,2 NE
23	W	21,2 W	SE	12,2 SE
24	W	36,7 NE	SE	11,5 NE
25	W	14,4 W	SW	10,4 NE
26	NW	13,7 SW	NE	9,0 E
27	V		SE	
28	W		SE	
29	SW		SE	
30	NE		NE	
31				
MES	W	36,7 NE	SE	13,7 NE

JULIO

DIA		NOCHE		
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	
Fecha dominante	(km/hora)	dominante	(km/hora)	
1	W	SE		
2	NE	NW	9,4 NE	
3	W	SE	9,0 SW	
4	W	SE	11,9 NE	
5	W	E	15,8 SE	
6	W	SE	10,8 NW	
7	W	SE	9,0 W	
8	W	SE	10,8 NE	
9	W	SW	10,1 SW	
10	SE	S	8,3 NE	
11	S	SW	5,8 SW	
12	SW	V	7,2 SE	
13	W	SE	7,2 SE	
14	W	SE	11,2 S	
15	SW	SE	7,6 SW	
16	W	SE	10,8 W	
17	NW	SE	8,6 SW	
18	NW	SE	10,4 NE	
19	NW	SW	7,6 SE	
20	W	NE	7,2 W	
21	NW	SE	9,0 NW	
22	SW	SW	11,9 SE	
23	W	NE	7,9 NE	
24	W	SE	10,4 E	
25	W	E	7,6 W	
26	W	SE	11,5 W	
27	NW	SE	7,2 SE	
28	NW	SE	7,6 S	
29	NW	SE	15,5 SW	
30	W	SE	9,4 SE	
31	W	SE	7,9 N	
MES	W	37,8 SW	SE	15,8 SE

AGOSTO

DIA		NOCHE		
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	
Fecha dominante	(km/hora)	dominante	(km/hora)	
1	W	17,6 SW	S	8,6 N
2				
3	NW	18,4 NW	S	6,5 NE
4	W	32,4 NE	NE	7,9 E
5	W	23,8 SW	E	7,2 NE
6	V	14,8 NE	NE	8,3 E
7	W	28,4 N	V	7,2 N
8	N	21,2 NW	E	3,6 W
9	W	13,7 W	E	8,6 W
10	W	19,1 N	V	8,6 SE
11	W	24,5 S	V	18,4 SE
12	W	39,2 S	E	9,4 SW
13	NW	21,2 NW	E	8,3 S
14	W	15,8 NW	E	11,5 W
15	W	18,4 NE	V	10,4 E
16	W	21,6 W	V	5,4 S
17	W	19,4 W	S	16,6 SW
18	W	11,2 W	V	9,4 SW
19	W	21,2 W	V	10,4 NW
20	SW	15,1 SW	SE	8,6 E
21	W	19,1 W	SE	4,7 N
22	W	23,8 W	V	9,0 SW
23	W	28,1 NE	V	18,4 E
24	W	28,8 SW	E	17,3 E
25	W	21,2 W	V	11,5 E
26	W	19,1 W	V	14,4 NE
27	S	38,9 S	E	25,2 E
28	NW	18,0 N	V	12,6 SW
29	V	15,1 SW	V	6,8 NE
30	W	18,0 W	SE	10,1 W
31	W	33,5 NW	V	10,8 E
MES	W	39,2 S	V	25,2 E

Estación: Paraguaicito
Altitud: 1.250 m.s.n.m.

Municipio: Pijao
Latitud: 4° 24' N

Año: 1980
Longitud: 75° 43' W

03 SEPTIEMBRE

DÍA		NOCHE	
Dirrección	Ráfaga máx.	Dirrección	Ráfaga máx.
Fecha dominante (km/hora)	dominante (km/hora)	Fecha dominante (km/hora)	dominante (km/hora)
1 W	33,5 NW	10,8 E	15,1 SE
2 W	22,0 W	10,8 SW	10,8 SW
3 E	25,9 W	10,8 SW	10,8 SW
4 NW	14,0 NW	10,8 SW	10,8 SW
5 W	27,0 N	10,1 NE	6,5 W
6 W	13,0 NE	11,2 E	4,8 W
7 W	24,1 SW	11,2 E	4,8 W
8 W	14,0 W	11,5 W	11,5 W
9 W	11,5 W	11,5 W	11,5 W
10 W	15,5 SW	11,5 W	11,5 W
11 S	35,3 SW	11,5 W	11,5 W
12 W	17,3 SW	11,5 W	11,5 W
13 W	14,0 SW	11,5 W	11,5 W
14 W	14,8 SE	14,0 E	14,0 E
15 W	18,7 SE	14,0 E	14,0 E
16 W	19,1 SW	14,0 E	14,0 E
17 W	10,8 N	11,2 SW	11,2 SW
18 W	32,4 N	11,2 SW	11,2 SW
19 W	22,7 E	11,2 SW	11,2 SW
20 W	13,7 SE	11,2 SW	11,2 SW
21 W	22,7 SW	11,2 SW	11,2 SW
22 W	14,0 W	11,2 SW	11,2 SW
23 W	18,0 SW	11,2 SW	11,2 SW
24 W	11,9 W	11,2 SW	11,2 SW
25 W	20,9 NE	11,2 SW	11,2 SW
26 W	17,3 W	11,2 SW	11,2 SW
27 W	17,3 W	11,2 SW	11,2 SW
28 W	15,1 SW	11,2 SW	11,2 SW
29 W	13,3 SW	11,2 SW	11,2 SW
30 W	16,2 W	11,2 SW	11,2 SW
31 W	16,2 W	11,2 SW	11,2 SW

MES W W 35,3 S E 31,7 S E

03 OCTUBRE

DÍA		NOCHE	
Dirrección	Ráfaga máx.	Dirrección	Ráfaga máx.
Fecha dominante (km/hora)	dominante (km/hora)	Fecha dominante (km/hora)	dominante (km/hora)
1 W	13,7 W	19,0 SW	19,0 SW
2 W	18,7 W	15,4 NE	15,4 NE
3 W	16,6 NE	10,1 NW	10,1 NW
4 W	29,9 S	16,6 NE	16,6 NE
5 W	10,8 W	10,1 NE	10,1 NE
6 W	22,3 E	18,7 E	18,7 E
7 W	14,8 E	19,1 SW	19,1 SW
8 W	21,2 W	15,4 SE	15,4 SE
9 W	32,0 S	17,9 S	17,9 S
10 W	17,3 W	11,9 NW	11,9 NW
11 W	22,3 E	14,3 SE	14,3 SE
12 W	19,1 SW	18,3 NE	18,3 NE
13 W	12,6 W	12,2 W	12,2 W
14 W	19,1 NW	15,8 NW	15,8 NW
15 W	15,8 SW	15,8 SW	15,8 SW
16 W	22,7 NE	17,6 E	17,6 E
17 W	22,7 NE	13,7 NE	13,7 NE
18 W	11,9 N	13,6 W	13,6 W
19 W	18,7 E	17,9 E	17,9 E
20 W	14,0 W	10,8 NE	10,8 NE
21 W	20,9 W	18,6 S	18,6 S
22 W	24,1 NE	17,6 S	17,6 S
23 W	19,8 SW	18,3 NE	18,3 NE
24 W	10,8 NW	11,2 NW	11,2 NW
25 W	23,4 NE	8,6 SE	8,6 SE
26 W	31,7 NE	10,1 W	10,1 W
27 W	11,9 W	15,0 SW	15,0 SW
28 W	12,2 NW	18,3 S	18,3 S
29 W	15,1 W	17,9 NE	17,9 NE
30 W	18,3 NW	17,9 E	17,9 E
31 W	18,0 NE	17,9 N	17,9 N

MES W W 32,0 S W 19,1 S W

03 NOVIEMBRE

DÍA		NOCHE	
Dirrección	Ráfaga máx.	Dirrección	Ráfaga máx.
Fecha dominante (km/hora)	dominante (km/hora)	Fecha dominante (km/hora)	dominante (km/hora)
1 W	18,7 E	18,6 W	18,6 W
2 W	25,6 E	10,4 SW	10,4 SW
3 W	17,6 SW	17,9 W	17,9 W
4 W	37,1 E	11,5 E	11,5 E
5 W	18,4 NE	17,6 NE	17,6 NE
6 W	17,6 W	17,6 NE	17,6 NE
7 W	29,2 SE	17,6 W	17,6 W
8 W	25,9 W	11,5 SE	11,5 SE
9 W	11,5 W	11,5 SE	11,5 SE
10 W	18,7 SW	16,1 W	16,1 W
11 W	11,5 W	17,2 N	17,2 N
12 W	11,2 W	17,2 W	17,2 W
13 W	11,2 W	15,4 SE	15,4 SE
14 W	19,4 N	10,4 W	10,4 W
15 W	18,7 E	17,2 E	17,2 E
16 W	16,2 S	17,2 E	17,2 E
17 W	17,6 W	16,1 E	16,1 E
18 W	46,4 NW	17,2 NE	17,2 NE
19 W	24,1 S	16,8 W	16,8 W
20 W	34,6 NE	8,6 W	8,6 W
21 W	19,8 W	16,1 SW	16,1 SW
22 W	12,6 SW	17,2 NW	17,2 NW
23 W	12,6 NW	16,5 E	16,5 E
24 W	13,7 W	12,2 S	12,2 S
25 W	14,8 W	15,4 SE	15,4 SE
26 W	14,0 SW	18,3 S	18,3 S
27 W	11,9 NW	17,6 NW	17,6 NW
28 W	23,4 W	10,1 W	10,1 W
29 W	25,2 NW	18,6 E	18,6 E
30 W	19,8 SW	15,4 NE	15,4 NE
31 W	19,8 SW	15,4 NE	15,4 NE

MES W W 46,4 NW W 12,2 S W

03 DICIEMBRE

DÍA		NOCHE	
Dirrección	Ráfaga máx.	Dirrección	Ráfaga máx.
Fecha dominante (km/hora)	dominante (km/hora)	Fecha dominante (km/hora)	dominante (km/hora)
1 W	17,3 SW	14,7 E	14,7 E
2 W	25,2 E	16,5 SE	16,5 SE
3 W	17,6 W	11,9 E	11,9 E
4 W	29,5 E	10,8 E	10,8 E
5 W	18,7 NW	10,8 NE	10,8 NE
6 W	15,1 W	17,2 S	17,2 S
7 W	15,5 W	19,0 SW	19,0 SW
8 W	12,2 W	17,2 NE	17,2 NE
9 W	15,5 E	15,8 NE	15,8 NE
10 W	10,4 SW	17,9 E	17,9 E
11 W	16,6 W	16,5 N	16,5 N
12 W	31,7 N	16,8 SW	16,8 SW
13 W	17,6 N	11,5 SW	11,5 SW
14 W	19,8 E	6,8 W	6,8 W
15 W	27,0 N	16,9 N	16,9 N
16 W	13,3 W	17,2 SW	17,2 SW
17 W	15,1 W	18,3 S	18,3 S
18 W	20,9 W	18,6 SW	18,6 SW
19 W	16,9 W	10,8 E	10,8 E
20 W	11,9 NW	12,6 NW	12,6 NW
21 W	21,2 W	11,9 SW	11,9 SW
22 W	15,5 NW	11,5 NW	11,5 NW
23 W	14,8 N	17,2 SE	17,2 SE
24 W	20,9 SW	7,9 SW	7,9 SW
25 W	18,0 S	20,2 SW	20,2 SW
26 W	25,2 E	10,8 E	10,8 E
27 W	17,3 W	10,1 NE	10,1 NE
28 W	19,1 SW	19,4 N	19,4 N
29 W	30,6 W	10,8 NE	10,8 NE
30 W	19,4 W	17,2 S	17,2 S
31 W	11,9 W	14,4 SW	14,4 SW

MES W W 31,7 N W 20,2 SW

Estación: Chapetón
 Altitud : 1.300 m.s.n.m.

Municipio: Ibagué
 Latitud : 4 - 27 N

Año: 1980
 Longitud: 75 - 16 W 332

ENERO			
DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	C	C	4,0 NW
2	E	C	3,0 W
3	E	C	3,0 W
4	E	C	2,0 W
5	E	W	3,0 W
6	E	W	5,0 W
7	E	C	4,0 W
8	E	W	4,0 W
9	E	W	3,0 W
10	E	W	4,0 SW
11	E	W	5,0 W
12	E	W	2,0 SW
13	E	C	
14	E	C	2,0 W
15	C	C	4,0 W
16	C	C	
17	C	C	1,0 NW
18	E	C	5,0 W
19	E	C	1,0 NW
20	E	C	3,0 W
21	E	W	6,0 W
22	E	W	4,0 W
23	E	W	3,0 W
24	E	W	1,0 W
25	E	W	5,0 W
26	E	W	5,0 W
27	E	W	1,0 NW
28	E	C	2,0 W
29	E	C	1,0 W
30	C	C	1,0 NW
31	E	C	2,0 W
MES	E	C	6,0 W

FEBRERO			
DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	E	C	1,0 W
2	SE	C	1,0 NW
3	SE	C	4,0 SE
4	SE	C	
5	C	C	
6	SE	W	2,0 NW
7	E	W	
8	E	NW	2,0 W
9	E	W	3,0 W
10	SE	C	
11	SE	C	2,0 SE
12			
13	E	C	2,0 W
14	E	W	2,0 W
15	E	C	2,0 NW
16	E	C	1,0 NE
17	E	C	2,0 NW
18	E	W	2,0 W
19	SE	C	2,0 NW
20	C	C	4,0 W
21	SE	C	2,0 W
22	SE	W	3,0 W
23	SE	NW	3,0 NW
24	E	C	2,0 W
25	E	C	1,0 W
26	E	C	2,0 NW
27	E	W	2,0 W
28	E	W	2,0 W
29	E	W	2,0 W
30	E	W	2,0 W
31	E	W	2,0 W
MES	E	C	4,0 SE

MARZO			
DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	E	W	2,0 W
2	E		
3	E	C	
4	E	C	
5	E	C	
6	E	C	
7	E	W	3,0 W
8	E	W	3,0 NW
9	E	W	3,0 W
10	E	W	4,0 W
11	E	W	2,0 W
12	E	W	3,0 W
13	E	C	1,0 NW
14	E	C	3,0 W
15	E	NW	9,0 SE
16	E	W	3,0 W
17	E	W	2,0 NW
18	C	C	
19	E	C	2,0 SE
20	E	W	3,0 W
21	E	W	2,0 E
22	E	C	2,0 W
23	SE	C	1,0 NW
24	E	C	
25	C	C	
26	E	W	3,0 W
27	E	W	2,0 W
28	E	C	3,0 NW
29	E	C	3,0 NW
30	E	C	2,0 NW
31	E	C	2,0 W
MES	E	C	27,0 E

ABRIL			
DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	E	W	2,0 W
2	E	C	3,0 W
3	V	C	14,0 N
4	SE	C	2,0 NW
5	E	C	2,0 NW
6	E	C	
7	SE	C	1,0 NW
8	E	NW	3,0 NW
9	E	NW	3,0 NW
10	E	W	2,0 W
11	SE	NW	2,0 W
12	SE	C	2,0 NW
13	E	SW	3,0 NW
14	E	NW	9,0 NE
15	SE	C	3,0 NW
16	SE	C	3,0 W
17	E	C	2,0 W
18	SE	C	
19	SE	W	2,0 W
20	E	C	3,0 NW
21	SE	C	2,0 NW
22	SE	C	
23	E	C	
24	SE	C	2,0 NW
25	E	C	2,0 NW
26	C	C	5,0 NW
27	SE	C	3,0 NW
28	SE	C	2,0 NW
29	SE	C	2,0 NW
30	SE	C	3,0 W
31	SE	C	
MES	SE	C	14,0 N

Estación: Chapetón
 Altitud : 1.300 m.s.n.m.

Municipio: Ibagué
 Latitud : 4 - 27 N

Año: 1980
 Longitud: 75 - 16 W 333

MAYO			
DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	E	2,0 E	W
2	E	4,0 E	C
3	V	4,0 E	C
4	SE	4,0 SE	C
5	E	3,0 E	W
6	E	5,0 NE	C
7	SE	3,0 SE	W
8	E	4,0 SE	C
9	SE	3,0 SE	C
10	E	3,0 E	C
11	E	3,0 E	W
12	E	4,0 E	C
13	C	3,0 E	C
14	E	3,0 E	C
15			
16	E	3,0 E	W
17	EE	5,0 E	W
18	SE	2,0 SE	NW
19	W	3,0 W	NW
20	E	4,0 E	C
21	E	4,0 E	C
22	E	5,0 E	C
23	E	3,0 E	NW
24	E	3,0 E	C
25	NW	5,0 W	NW
26	E	5,0 NE	C
27	V	2,0 W	W
28	E	5,0 E	C
29	E	4,0 E	C
30	E	3,0 E	C
31	E	9,0 E	C
MES	E	9,0 E	C

JUNIO			
DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	E	3,0 E	C
2	EE	2,0 E	W
3	EE	5,0 E	C
4	EE	6,0 NE	C
5	EE	6,0 E	C
6	EE	3,0 E	C
7	EE	4,0 E	C
8	EE	6,0 E	C
9	EE	4,0 E	C
10	EE	5,0 E	C
11	EE	6,0 E	C
12	EE	5,0 E	W
13	EE	2,0 E	C
14	E	3,0 E	W
15	EE	6,0 E	W
16	EE	5,0 E	W
17	EE	5,0 E	W
18	NE	6,0 E	C
19	E	4,0 E	C
20	V	6,0 E	C
21	EE	3,0 E	W
22	EE	4,0 E	C
23	EE	6,0 E	W
24	EE	3,0 E	W
25	EE	2,0 E	C
26	E	5,0 E	C
27	V	4,0 W	W
28	NE	7,0 E	W
29			W
30	E	9,0 E	C
31			W
MES	E	9,0 E	C

JULIO			
DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	E	5,0 NE	C
2	EE	7,0 E	C
3	E	4,0 E	W
4	E	8,0 E	C
5	NE	5,0 NE	W
6	N	4,0 E	C
7	E	6,0 E	C
8	E	4,0 E	W
9	E	3,0 E	C
10	E	7,0 NW	C
11	SE	4,0 SE	C
12	E	6,0 E	C
13	E	3,0 E	C
14	NE	5,0 E	C
15	W	4,0 E	W
16	E	3,0 NE	C
17	E	6,0 E	C
18	NE	5,0 E	W
19	E	3,0 E	C
20	EE	4,0 NE	C
21	EE	5,0 E	NW
22	EE	6,0 NE	C
23	EE	8,0 E	W
24	EE	6,0 E	C
25	EE	6,0 E	W
26	E	5,0 SE	C
27	E	5,0 E	W
28	E	6,0 E	W
29	E	7,0 SE	W
30	E	9,0 E	C
31	NE	5,0 NE	W
MES	E	9,0 E	C

AGOSTO			
DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	C	1,0 E	C
2	E	7,0 NE	W
3			
4	E	5,0 E	NW
5	EE	4,0 E	W
6	W	2,0 W	C
7	E	6,0 E	C
8	W	3,0 NW	C
9	E	4,0 E	W
10	E	2,0 E	W
11	E	9,0 NE	W
12	NE	7,0 E	C
13	E	4,0 E	W
14	C	3,0 E	C
15	E	4,0 E	W
16	E	2,0 E	C
17	EE	8,0 SE	C
18	EE	7,0 E	W
19	E	11,0 E	C
20	W	3,0 W	C
21	EE	8,0 E	W
22	EE	7,0 E	C
23	EE	14,0 E	W
24	EE	7,0 SE	W
25	EE	5,0 E	NW
26	E	8,0 SE	NW
27	W	7,0 NE	W
28	C	3,0 N	C
29	EE	5,0 E	W
30	EE	8,0 NE	C
31	E	4,0 E	C
MES	E	14,0 E	C

Estación: Chapetón
 Altitud : 1.300 m.s.n.m.

Municipio: Ibagué
 Latitud : 4 - 27 N

Año: 1980
 Longitud: 75 - 16 W 334

SEPTIEMBRE

DIA		NOCHE	
Dirección Ráfaga máx.		Dirección Ráfaga máx.	
Fecha dominante	(km/hora)	dominante	(km/hora)
1	E	4,0 E	C
2	E	3,0 E	C
3	E	3,0 E	C
4	E	3,0 E	W
5	E	5,0 E	W
6	E	4,0 SE	C
7	E	5,0 E	C
8	E	4,0 E	C
9	E	3,0 E	C
10	E	9,0 E	W
11	E	5,0 E	C
12	E	2,0 SE	C
13	E	4,0 E	C
14	E	3,0 E	W
15	E	3,0 W	W
16	E	6,0 E	W
17	E	6,0 E	C
18	E	3,0 E	W
19	E	2,0 E	C
20	E	4,0 E	W
21	E	3,0 E	W
22	E	4,0 NE	C
23	E	5,0 N	C
24	E	6,0 E	W
25	E	6,0 E	W
26	E	3,0 E	W
27	E	7,0 E	C
28	E	3,0 E	C
29	E	3,0 N	C
30	E	3,0 E	C
31			
MES	E	9,0 E	C

OCTUBRE

DIA		NOCHE	
Dirección Ráfaga máx.		Dirección Ráfaga máx.	
Fecha dominante	(km/hora)	dominante	(km/hora)
1	E	6,0 E	W
2	E	3,0 E	W
3	E	7,0 E	C
4	E	4,0 E	W
5	E	4,0 E	W
6	E	2,0 E	C
7	E	4,0 E	C
8	E	5,0 E	C
9	E	5,0 E	C
10	E	4,0 E	C
11	E	3,0 E	SW
12	E	3,0 W	W
13	E	2,0 E	W
14	NE	2,0 E	W
15	E	6,0 E	C
16	E	3,0 W	C
17	E	2,0 E	C
18	E	2,0 E	C
19	E	1,0 E	C
20	E	1,0 E	C
21	E	2,0 E	W
22	NE	2,0 NE	C
23	E	4,0 E	W
24	E	4,0 E	W
25	E	3,0 E	W
26	E	6,0 E	C
27	E	3,0 W	W
28	E	2,0 E	W
29	W	3,0 W	W
30	E	3,0 E	C
31			
MES	E	7,0 E	C

NOVIEMBRE

DIA		NOCHE	
Dirección Ráfaga máx.		Dirección Ráfaga máx.	
Fecha dominante	(km/hora)	dominante	(km/hora)
1	E	3,0 E	C
2	E	2,0 E	C
3	E	3,0 E	C
4	E	3,0 E	C
5	E	2,0 E	C
6	E	2,0 E	C
7	E	3,0 E	C
8	E	4,0 NE	C
9	E	2,0 NE	C
10	E	2,0 E	C
11	E	3,0 E	W
12	E	3,0 W	W
13	E	3,0 E	W
14	E	2,0 E	C
15	E	2,0 NE	C
16	E	2,0 E	C
17	E	2,0 E	C
18	E	2,0 E	W
19	E	2,0 E	W
20	E	2,0 E	W
21	E	4,0 E	C
22	E	2,0 E	C
23	E	2,0 E	C
24	E	3,0 NE	C
25	E	3,0 E	C
26	E	2,0 E	C
27	E	2,0 E	C
28	E	1,0 E	C
29	E	5,0 E	C
30	E	2,0 E	C
31			
MES	E	5,0 E	C

DICIEMBRE

DIA		NOCHE	
Dirección Ráfaga máx.		Dirección Ráfaga máx.	
Fecha dominante	(km/hora)	dominante	(km/hora)
1	SE	3,0 E	C
2	E	1,0 E	C
3	E	3,0 E	C
4	E	2,0 E	C
5	E	2,0 E	W
6	SE	2,0 SE	W
7	E	3,0 NE	C
8	E	2,0 E	C
9	W	2,0 W	W
10	E	3,0 E	W
11	E	6,0 E	C
12	E	3,0 E	C
13	E	3,0 E	C
14	E	3,0 E	C
15	SE	3,0 SE	W
16	E	3,0 E	C
17			
18	E	3,0 E	C
19			
20			
21	E	2,0 E	W
22	E	2,0 W	C
23	E	2,0 E	W
24	E	2,0 E	W
25	E	3,0 E	C
26	E	3,0 E	C
27	E	3,0 E	C
28	E	2,0 E	C
29	E	2,0 E	C
30	E	1,0 E	C
31	SE	1,0 SE	C
MES	E	6,0 E	C

Estación: Albán
 Altitud : 1.400 m.s.n.m.

Municipio: El Cairo
 Latitud : 4 - 46 N

Año: 1980
 Longitud: 76 - 13 W 335

ENERO				FEBRERO			
DIA		NOCHE		DIA		NOCHE	
Dirección	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)	Dirección	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
Fecha dominante				Fecha dominante			
1	NE 32,4 NE	NE	24,5 NE	1	NE 26,3 NE	E	19,1 E
2	W 28,8 NE	W		2	NE 28,4 NE	NE	11,5 E
3	E 29,9 NE	E	7,2 NE	3	NE 25,9 NE	C	
4	E 28,8 NE	E	8,6 NE	4	SW 10,4 NE	NW	
5	NE 32,4 NE	NE	17,3 NE	5	NE 32,4 NE	E	10,9 NE
6	NE 28,8 NE	NE	10,1 NE	6	NE 36,0 NE	NE	15,8 NE
7	NE	E		7	N 32,4 N	N	14,4 NE
8	N 34,9 NE	E	18,7 NE	8	NE 36,7 NE	E	24,5 NE
9	NE 36,0 N	E	18,7 NE	9	NE 38,9 NE	E	20,5 NE
10	N 32,0 N	E	15,5 NE	10	N 35,3 N	N	15,1 N
11	N 35,6 NE	E		11	N 36,4 NE	N	15,1 NE
12	N 28,8 N	NE	9,7 NE	12	NE 42,8 NE	N	15,8 N
13	NE 26,3 NE	SE	18,4 NE	13	NE 38,9 NE	W	30,2 NE
14	N 42,8 NE	E	15,5 E	14	N 34,6 NE	E	25,2 NE
15	W 20,2 NE	E	11,5 NE	15	NE 43,2 NE	SE	22,0 NE
16	NE 37,8 N	NE	25,2 NE	16	NE 33,1 NE	E	19,1 NE
17	NE 25,9 NE	E	10,4 E	17	NW 19,4 N		
18	NE 31,3 NE	E	20,9 NE	18	N 35,3 NE	SE	22,7 NE
19	NE 23,8 NE	N		19	NE 32,0 NE	E	9,4 NE
20	N 33,8 NE	E	14,4 E	20	NE 37,1 NE	E	13,7 E
21	N 22,0 E	E	13,7 E	21	NE 31,7 NE	SE	
22	NE 36,0 NE	E	15,8 E	22	NE 34,9 NE	SE	11,5 E
23	NE 32,8 NE	NE	17,3 NE	23	N 35,6 NE	E	15,5 E
24	NE 29,9 N	NE	9,7 E	24	E 33,5 E	N	21,2 NE
25	NE 29,5 NE	E	10,8 NE	25	N 25,9 NE	NE	24,5 NE
26	N 30,2 NE	NE	14,4 NE	26	NE 36,0 NE	SE	28,4 NE
27	N 33,1 N	N	26,3 NE	27	SE 33,1 N	E	12,2 E
28	V 25,6 E	E	10,1 E	28	NE 22,3 NE	N	
29	NE 26,3 NE	NE	24,8 NE	29	E 37,1 NE	E	10,1 E
30	NE 18,0 NE	SE	5,4 NE	30			
31	NE 32,8 NE	E	15,8 E	31			
MES	NE 42,8 NE	E	26,3 NE	MES	NE 43,2 NE	E	30,2 NE

MARZO				ABRIL			
DIA		NOCHE		DIA		NOCHE	
Dirección	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)	Dirección	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
Fecha dominante				Fecha dominante			
1	NE 46,1 NE	E	24,1 NE	1	N 42,8 N	NW	24,1 NE
2	NE 49,7 NE	E	36,7 NE	2	NE 42,8 NE	E	13,7 SE
3	E 46,1 NE	E	14,4 E	3	E	SE	
4	SE 51,5 NE	N	23,0 NE	4	NE 39,6 N	E	20,2 E
5	NE 47,5 NE	E	22,0 E	5	E 36,7 E	NE	22,0 SE
6	E 39,6 NE	SE	17,3 E	6	E 34,9 N	S	23,0 E
7	E 50,8 NE	SE	29,2 NE	7	NE 35,3 E	SE	14,8 SE
8	E 47,5 E	E	31,7 NE	8	NE 32,4 NE	E	11,9 E
9	E 50,0 E	NE	32,0 E	9	N 46,1 NE	SE	36,0 NE
10	NE 47,9 NE	E	31,0 E	10	NE 38,9 NE	SE	30,6 E
11	NE 46,1 NE	E	25,2 E	11	NE 28,1 NE	E	
12	NE 45,7 NE	E	25,2 NE	12	N 28,8 NE	SE	13,7 SE
13	E 43,9 E	N	28,8 NE	13	N 30,2 NE	E	21,6 NE
14	E 31,7 NE	SE	20,2 E	14	NE 29,5 NE	SE	12,6 SE
15	NE	SE		15	E 28,8 NE	E	
16	NE 38,9 NE	E	26,6 NE	16	E 40,3 NE	SE	25,2 NE
17	NE 39,2 E	SE	31,7 E	17	NE 39,2 NE	NE	19,4 E
18	W 27,0 E	E	22,3 SE	18	E 36,0 E	E	18,0 E
19	E 32,0 E	E	18,4 E	19	E 38,5 NE	E	21,6 E
20	E 40,3 E	E	20,9 E	20	E 40,7 NE	SE	20,9 E
21	NE 46,1 E	E	33,1 E	21	NE 51,1 NE	NE	19,8 NE
22	E 39,6 E	SE	22,3 E	22	NE 36,7 NE	SE	15,5 SE
23	E 43,6 E	SE	16,9 E	23	NE 40,0 NE	NE	31,7 NE
24	E 50,0 S	NE	40,3 NE	24	E 28,8 E	E	17,3 SE
25	E 36,7 E	E	21,2 E	25	E 36,0 NE	E	18,0 E
26	E 51,5 NE	E	25,6 E	26	E	E	
27	NE 54,0 NE	SE	32,4 E	27	W 36,0 NE	SE	17,3 E
28	NE 30,2 NE	N	19,1 E	28	SE 44,6 N	SE	17,3 SE
29	NE	E		29	N 33,1 NE	NE	16,6 E
30	E 35,3 E	SW	24,5 E	30	NE 42,1 NE	E	24,5 NE
31	NE 43,9 NE	NE	31,7 E	31			
MES	NE 54,0 NE	E	40,3 NE	MES	NE 51,1 NE	E	36,0 NE

Estación: Albán
 Altitud : 1.400 m.s.n.m.

Municipio: El Cairo
 Latitud : 4 - 46 N

Año: 1980
 Longitud: 76 - 13 W 336

MAYO				JUNIO			
DIA		NOCHE		DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección Ráfaga máx. dominante	Dirección Ráfaga máx. (km/hora)	Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección Ráfaga máx. dominante	Dirección Ráfaga máx. (km/hora)
1	E	29,5 NE	SE	1	SE	42,5 NE	E
2	NE	36,4 NE	SE	2	SE		7,2 E
3	NE	32,4 E	E	3	NE	36,0 NE	E
4	V	28,8 NE	SE	4	E	36,0 NE	E
5	E	38,5 NE	SE	5	E	32,4 NE	E
6	E	31,7 E	E	6	NE		SE
7	E	36,0 NE	E	7	NE	32,8 E	E
8	E	35,3 NE	E	8	E	29,5 E	NE
9	NE	39,6 NE	E	9	NE	35,3 NE	S
10	NE	43,9 NE	SE	10	NE	34,2 NE	E
11	E	36,0 E	E	11	NE	36,7 NE	SE
12	NE	37,8 E	E	12	E	33,1 NE	E
13	W	38,9 E	E	13	W	15,1 W	E
14	NE	30,6 NE	SE	14	W	28,1 SE	SE
15	NE	38,9 NE	E	15	NE	41,0 NE	SE
16	V	42,5 NE	SE	16	N	39,6 NE	E
17	NE	40,7 NE	E	17	E	36,0 N	NE
18	E	40,0 E	NE	18	E	33,1 E	SE
19	NE	43,2 NE	E	19	NE	33,1 N	E
20	NE	43,9 E	SE	20	NE	20,2 NE	N
21	E	38,5 NE	SE	21	E	36,7 E	NE
22	NE	41,8 E	E	22	E	35,6 E	SE
23				23	NE	40,3 NE	S
24	E	22,0 NE	SE	24	NE	44,6 N	E
25	E	25,2 N	E	25	E	32,4 NE	N
26	E	36,0 NE	SE	26	NE	22,7 NE	SE
27	V	35,3 E	E	27	NE	29,5 NW	SE
28	NE	38,5 NE	NE	28	E	37,1 NE	SE
29	NE	39,2 NE	E	29	NE		E
30	E	31,7 NE	E	30	NE		E
31	NE	32,4 NE	SE	31			
MES	NE	43,9 NE	E	MES	NE	44,6 N	E

JULIO				AGOSTO			
DIA		NOCHE		DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección Ráfaga máx. dominante	Dirección Ráfaga máx. (km/hora)	Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección Ráfaga máx. dominante	Dirección Ráfaga máx. (km/hora)
1	NE	40,3 NE	E	1	E	40,0 E	SE
2	NE	36,7 E	NE	2	NE	42,5 NE	E
3	E	40,3 NE	E	3	E	36,7 E	SE
4	E	33,8 NE	SE	4	V	36,0 NE	E
5	V	38,9 E	SE	5	N	40,3 NE	N
6	E	19,1 NE	E	6	E	38,2 E	SE
7	NE	36,7 NE	E	7	NE	40,3 NE	E
8	E	44,3 NE	NE	8	E	30,6 E	SE
9	NE	35,6 NE	NE	9	E	40,0 E	E
10	E	36,0 E	SE	10	E	32,0 E	E
11	E	29,2 NE	SE	11	E	28,4 E	SE
12	NE	41,0 NE	E	12	E	43,9 E	E
13	NE	38,9 NE	E	13	V	47,9 NE	S
14	E	40,3 NE	E	14	NE	39,2 NE	E
15	E	29,9 NE	E	15	NE	29,9 E	E
16	NE	40,0 NE	E	16	NE	47,2 E	E
17	E	35,6 NE	E	17	NE	42,5 NE	E
18	SE	53,3 NE	SE	18	E	32,8 NE	SE
19	NE	37,8 E	E	19	NE	38,9 NE	NE
20	E	32,4 NE	NE	20	NE	54,0 S	E
21	E	36,7 NE	E	21	E	40,3 NE	SE
22	NE	46,1 NE	E	22	NE	42,5 NE	NE
23	NE	47,5 NE	NE	23	NE	28,1 S	SE
24	E	32,4 E	SE	24	V	38,9 E	SE
25	SE	38,9 NE	E	25	NE	44,3 NE	E
26	NE	44,3 NE	E	26	E	46,1 NE	E
27	NE	39,6 NE	SE	27	E	38,9 E	SE
28	NE	43,9 NE	E	28	E	42,1 E	NE
29	NE	32,4 E	F	29	V	43,6 NE	E
30	NE	50,0 NE	SE	30	E	47,9 NE	SE
31	NE	21,2 NE	E	31	NE	46,1 NE	E
MES	NE	53,3 NE	E	MES	E	54,0 S	E

Estación: Albán
 Altitud : 1.400 m.s.n.m.

Municipio: El Cairo
 Latitud : 4 - 46 N

Año: 1980
 Longitud: 76 - 13 W 337

SEPTIEMBRE

DIA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	N	42,1 NE	E 10,8 E
2	NE	47,5 NE	SE 22,3 SE
3	N	37,8 E	SE 16,2 E
4	NE	41,0 E	E 27,0 E
5	E	33,5 E	E 21,2 E
6	E	52,2 NE	E 20,9 E
7	E	41,4 E	E 13,3 SE
8	E	40,3 NE	E 12,6 E
9	E	36,7 E	E NE 23,4 E
10	E	30,6 E	E 13,7 SE
11	V	38,9 NE	SE 17,3 E
12	E	33,8 E	E 18,7 E
13	NE	37,4 NE	E 48,2 NE
14	E		E
15	E	33,5 NE	SE 14,4 SE
16	E	37,1 NE	SE 17,6 SE
17	NE	43,9 NE	E 14,4 SE
18	E	35,6 E	E 8,6 NE
19	E	49,3 NE	NW 7,2 N
20	NE	46,1 E	NE 22,7 NE
21	NE	36,0 NE	E E 24,5 E
22	E	44,6 NE	E E 16,6 E
23	E	42,1 NE	E 36,0 NE
24	N	38,9 NE	SE 29,5 E
25	NE	38,9 NE	E 18,0 E
26	NE	38,5 E	E 25,9 NE
27	NE	36,7 NE	E 16,9 E
28	E	28,1 SE	E 23,8 E
29	NE	41,0 E	E
30	E	31,7 N	E
31			
MES	E	52,2 NE	E 48,2 NE

OCTUBRE

DIA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	NE	38,9 NE	E 28,1 NE
2	NE	46,4 NE	E 14,4 NE
3	NE	40,3 NE	E 24,5 E
4	NE	40,3 NE	NE 22,7 NE
5	NE	38,9 NE	E 24,5 E
6	E		E
7	E	35,3 NE	SE 25,2 E
8	SE	19,1 NE	NW 25,2 E
9	NE	33,8 E	NE
10	NE	24,5 NE	NE
11	NE	30,2 E	E 10,4 E
12	NE	42,8 NE	E
13	NE	38,9 NE	N 18,0 SE
14	NE	36,0 NE	E 14,4 E
15	NE	33,1 NE	NE
16	NE	41,4 NE	NE 22,0 E
17	NE	29,5 NE	E 5,4 E
18	E	24,5 NE	E
19	E	36,0 E	E 21,2 E
20	SE	6,8 SW	E 5,4 E
21	E	33,1 N	E 18,7 E
22	NE	45,4 NE	E 19,4 SE
23	E	40,3 E	N 16,9 SE
24	NE	32,4 NE	SE 19,4 SE
25	NE	40,7 NE	E 15,5 E
26	E	32,4 NE	E 8,6 SE
27	E	29,5 E	SE 11,5 E
28	NE	37,1 NE	E 30,2 NE
29	SW	28,4 NE	E 4,7 E
30	E	33,1 NE	SE 36,0 E
31	NE	38,9 N	E 4,3 E
MES	NE	46,4 NE	E 36,0 E

NOVIEMBRE

DIA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	NE	38,9 NE	E 12,2 E
2	E	37,4 E	E 18,7 E
3	SE	46,8 NE	E
4	E	28,8 N	SE 34,2 NE
5	NE	50,0 NE	E 6,5 SE
6	NE	35,6 NE	E 6,5 E
7	E	27,0 N	E
8	V	32,4 NE	NE
9	NE	41,0 NE	E 21,2 E
10	NE	41,4 NE	SE 14,4 SE
11	E	39,2 E	E 3,6 E
12	E	32,4 NE	E 17,6 E
13	E	35,3 E	SE 15,1 E
14	E	34,2 NE	E 13,3 NE
15	NE	33,1 NE	SE 39,6 E
16	W	21,6 E	E 16,2 E
17	E	36,0 NE	E 14,8 SE
18	NE	44,6 NE	SE 10,4 E
19	E	36,4 N	E
20	N	33,5 N	E 19,8 E
21	E	36,4 E	NE 12,6 E
22	NE	37,8 NE	E 8,3 E
23	E	36,7 NE	SE 11,9 SE
24	E	30,6 NE	E 21,6 E
25	NE	45,4 NE	NW 30,2 E
26	NE	37,4 NE	SE
27	NE	36,0 N	E 19,1 NE
28	NE	33,8 NE	E 21,6 E
29	E	40,3 NE	E
30	E	39,6 NE	E 14,4 SE
31			
MES	E	50,0 NE	E 39,6 E

DICIEMBRE

DIA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	E	18,0 E	E
2	E	36,0 E	E 12,2 E
3	NE	39,6 NE	E
4	E	26,6 N	E 29,5 E
5	E	37,4 NE	SE 21,6 E
6	E	38,5 NE	NE 15,1 E
7	E	33,1 E	E 5,4 SE
8	E	28,4 NE	SE
9	E	32,8 E	SE 16,9 E
10	V	36,0 NE	E 25,9 E
11	NE	33,8 NE	E 14,4 E
12	E	36,7 NE	SE 13,7 E
13	E	33,8 NE	E 5,0 SE
14	E	38,5 NE	NE 26,6 NE
15	NE	28,8 NE	E 5,4 E
16	E	32,0 NE	E 22,3 NE
17	W	18,7 SW	E 6,5 SE
18	NE	30,6 NE	E
19	NE	38,9 E	E 17,3 NE
20	E	31,7 NE	NW
21	NE	25,9 E	S 13,7 E
22	NE	37,1 NE	E
23	E	36,7 NE	E 18,0 E
24	E	41,0 NE	E 35,3 NE
25	NE	35,6 NE	E 14,4 E
26	E	25,2 E	E 22,3 E
27	E	33,1 E	E 15,1 E
28	E	32,4 NE	E
29	E	36,0 E	N 22,3 E
30	E	25,6 NE	E 24,5 E
31	E	28,4 N	SE 10,8 E
MES	E	41,0 NE	E 35,3 NE