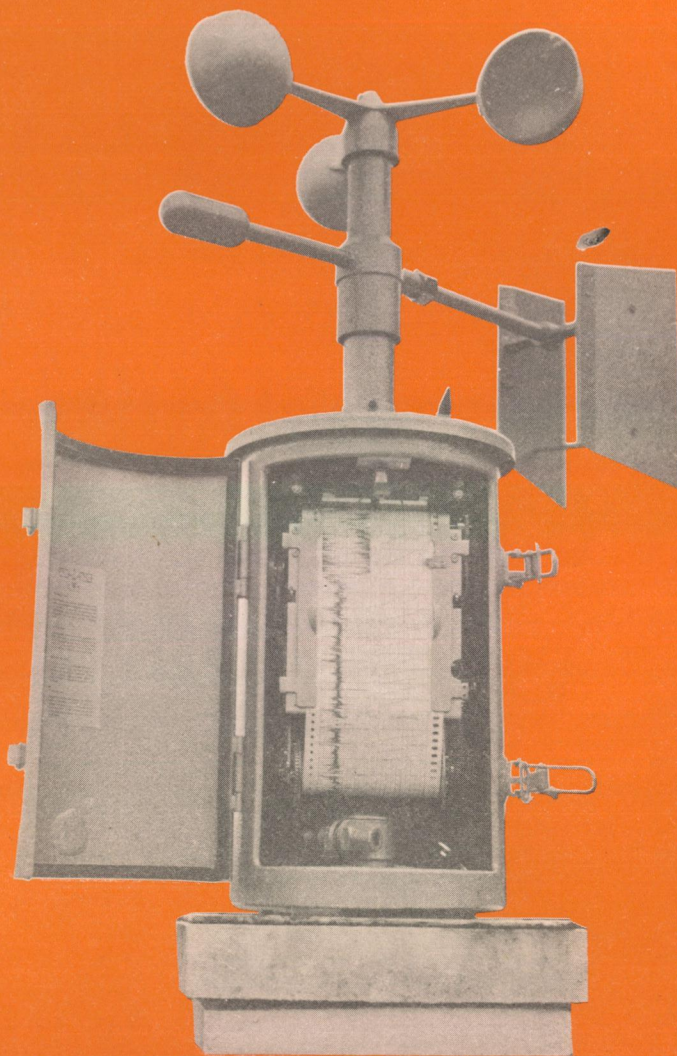


ANUARIO METEOROLOGICO 1981



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 1981

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 1981, 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 helio-pluviográficas, 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 Assman; termógrafo bimetálico; higrógrafo e higrómetro de cabellos; pluviógrafo tipo Hellmann; pluviómetro de reglilla y heliógrafo tipo Campbell-Stokes.

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

CALCULOS

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

$$e = E - Ap (t - t_1)$$

e = Tensión del vapor actual, en milibares.

E = Tensión del vapor saturante.

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

t = Temperatura del termómetro seco, en °C.

t₁ = Temperatura del termómetro húmedo, en °C.

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

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 diaria se obtiene, según la siguiente media aritmética:

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

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

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

Los valores de lluvia corresponden a: a) Día = el total 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 registrada en el heliógrafo.

VIENTOS DE SUPERFICIE

Al final de este Anuario (Página 314 a 339), se presentan los datos diarios de vientos de superficie, registrados en Rosario, Cenicafé, Naranjal, La Florida, Ospina Pérez, Blonay, Paraguaicito, Chapetón y Subestación 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 la dirección de su procedencia, ya que a veces la dirección de la ráfaga no coincide con la dirección dominante durante las horas de ocurrencia. Se consideraron ocho direcciones de la rosa de los vientos (N, NE, E, W, SE, SW, NW, S). La letra C define la calma y la letra V períodos con dirección muy variable.

NUEVAS ESTACIONES

Se realizaron las siguientes instalaciones nuevas:

Municipio	Estación	Departamento
<u>Estaciones Principales</u>		
Marquetalia	Santa Helena	Caldas
<u>Puestos pluviométricos</u>		
Aguadas	Santa Helena	Caldas
Manizales	La Trilladora	Caldas
Vergara	Los Pantanos	Cundinamarca
Venecia	Bengala	Cundinamarca
Circasia	La Ilusión	Quindío
Armenia	Tucumán	Quindío
Quinchía	La Oriental	Risaralda
Quinchía	El Diamante	Risaralda
Guática	Buenos Aires	Risaralda
Guática	Ospirma	Risaralda
Belén de Umbría	La Primavera	Risaralda
Apía	El Tamboral	Risaralda
Santuario	Los Naranjos	Risaralda
La Celia	Tesorito	Risaralda
Marsella	Morenita	Risaralda
Dosquebradas	La Primavera	Risaralda
Santa Rosa de Cabal	El Castillo	Risaralda
Pereira	Hiroshima	Risaralda
Pereira	Combia	Risaralda
Pereira	La Playa	Risaralda

Municipio	Estación	Departamento
Chima	Agua Fría	Santander
Rionegro	La Floresta	Santander
Zapatoca	La Guayana	Santander

MODIFICACIONES EN ESTACIONES

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

ESTACIONES SUSPENDIDAS

Se suspendió definitivamente la estación principal de Fredonia-Piamonte, en el departamento de Antioquia.

Suspendieron observaciones, temporal o definitivamente, los siguientes puestos pluviométricos:

Municipio	Estación	Departamento
Amagá	El Rincón	Antioquia
Fredonia	Jonás	Antioquia
Quetame	Monterredondo	Cundinamarca
La Mesa	Secretaría de Agricultura	Cundinamarca
Viotá	Atala	Cundinamarca
Fusagasugá	Bethania	Cundinamarca
Convención	La Estrella	Norte de Santander
Guática	Paraíso	Risaralda
Marsella	Calamar	Risaralda
Mistrató	La Espiga	Risaralda
Rionegro	Villa Paz	Santander
Girón	Bonanza	Santander
Ocamonte	San Benito	Santander
Cunday	Reflejo	Tolima
Acacías	Montelíbano	Meta

LOCALIZACION DE LA RED PLUVIOMETRICA

La mayor parte de los puestos de observación se encuentran localizados en las vertientes de la Cordillera de los Andes. 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	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	La Floresta	7°22'	73°07'		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°38'	1.300	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
	Zapatoca	La Guayana	6°48'	73°15'	1.800	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 San José	Mesón	6°27'	73°08'	1.200	Suárez
	Mogotes	Instituto Agrícola	6°28'	72°58'	1.800	Suárez
	Páramo	La Laguna	6°26'	73°10'	1.550	Suárez
	Chima	Agua Fría	6°20'	73°22'	1.400	
	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
	Landázuri	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°59'	73°36'	1.800	Suárez
	Barbosa	Cite	5°59'	73°39'	1.600	Suárez
	Puente Nacional	La Cumbre	5°53'	73°43'	1.850	

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s.n.m.	Hoya hidrográfica
BOYACA	Monquirá	Bertha	5°52'	73°24'	1.700	Suárez
CUNDINAMARCA	Yacopí	Montelíbano	5°28'	74°22'	1.340	Negro
	La Palma	Sec. Agricultura	5°21'	74°23'	1.250	Negro
	Vergara	Los Pantanos	5°07'	74°21'	1.550	
	Guaduas	Sec. 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'	1.300	Magdalena

VERTIENTE DE LOS LLANOS

META	Acacías	Maringá	4°00'	73°46'	540	Acacías
	Guamal	Villa Priscilla	3°56'	73°44'	850	Acacías

VERTIENTE ORIENTAL CORDILLERA CENTRAL

CALDAS	Marquetalia	Santa Helena	5°18'	75°09'	1.450	Guarinó
	Manzanares	Llanadas	5°13'	75°11'	1.420	Guarinó

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	Recto

VERTIENTE OCCIDENTAL CORDILLERA CENTRAL

ANTIOQUIA	Venecia	El Rosario	5°56'	75°43'	1.600	Cauca
	Fredonia	Bariloche	5°56'	75°37'	1.700	Cauca

CALDAS	Aguadas	Santa Helena	5°37'	75°33'	1.400	Cauca
	Aguadas	Guaymaral	5°38'	75°28'	1.600	Cauca
	La Merced	Llanadas	5°23'	75°33'	1.800	Cauca
	Manizales	Agronomía	5°03'	75°29'	2.150	Chinchiná
	Manizales	La Trilladora	5°06'	75°33'	1.650	Chinchiná
	Manizales	Santa Teresita	5°07'	75°36'	1.350	Chinchiná
	Manizales	Tesorito	5°02'	75°27'	2.200	Chinchiná
	Manizales	Sifilia	5°06'	75°37'	1.400	Chinchiná
	Manizales	Las Pavas	5°06'	75°36'	1.420	Chinchiná
	Manizales	Java	5°02'	75°33'	1.780	Chinchiná
	Palestina	Santágueda-Facultad	5°05'	75°40'	1.010	Chinchiná
	Palestina	Luker	5°05'	75°41'	1.020	Chinchiná
	Palestina	El Recreo	5°02'	75°39'	1.450	Chinchiná
	Palestina	Santa Ana	5°01'	75°40'	1.250	Chinchiná
	Chinchiná	Cenicafé	4°59'	75°35'	1.310	Chinchiná
	Chinchiná	Naranjal	4°58'	75°42'	1.370	Campoalegre
	Chinchiná	La Francia	4°59'	75°41'	1.360	Campoalegre

RISARALDA	Marsella	La Palmera	5°00'	75°45'	1.450	Campoalegre
	Marsella	La Morenita	4°54'	75°46'	1.440	Campoalegre
	Santa Rosa de Cabal	El Jazmín	4°55'	75°38'	1.600	Campoalegre
	Santa Rosa de Cabal	Guayabito	4°54'	75°38'	1.626	San Eugenio
	Santa Rosa de Cabal	El Castillo	4°56'	75°40'	1.550	San Eugenio

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s.n.m.	Hoya hidrográfica
	Dosquebradas	El Bosque	4°50'	75°41'	1.450	San Eugenio
	Dosquebradas	La Primavera	4°50'	75°40'	1.540	San Eugenio
	Pereira	Los Cármbulos	4°49'	75°50'	1.240	Cauca
	Pereira	Planta de tratamiento	4°48'	75°40'	1.450	Otún
	Pereira	Belmonte	4°48'	75°46'	1.340	Otún
	Pereira	El Cedral	4°47'	75°32'	2.120	Consota
	Pereira	La Tierrica	4°47'	75°48'	1.300	Consota
	Pereira	La Joya	4°46'	75°47'	1.250	Consota
	Pereira	Hiroshima	4°46'	75°44'	1.320	Consota
	Pereira	Combia	4°50'	75°47'	1.300	Consota
	Pereira	La Playa	4°45'	75°44'	1.350	Consota

VERTIENTE ORIENTAL CORDILLERA OCCIDENTAL

ANTIOQUIA

Dabeiba	La Aldea	7°02'	76°12'	1.500	Urama
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°39'	1.320	Cauca
Riosucio	La Manuelita	5°22'	75°41'	1.400	Cauca
Riosucio	La Argentina	5°28'	75°42'	1.420	Cauca

RISARALDA

Quinchía	La Oriental	5°22'	75°43'	1.620	Quinchía
Quinchía	El Diamante	5°19'	75°42'	1.550	Quinchía
Guática	Buenos Aires	5°21'	75°48'	1.830	Risaralda
Guática	Ospirma	5°20'	75°49'	1.680	Risaralda
Belén de Umbria	Taparcá	5°11'	75°52'	1.400	Risaralda
Belén de Umbria	La Primavera	5°13'	75°49'	1.700	Risaralda
Apía	El Tamboral	5°07'	75°55'	1.450	Risaralda
Santuario	Los Naranjos	5°01'	76°03'	1.420	Mapa
La Celia	Tesorito	5°00'	76°01'	1.500	Mapa
Balboa	La Tribuna	4°57'	75°57'	1.500	Risaralda
La Virginia	Ingen. San Francisco	4°54'	75°54'	1.000	Cauca

ZONA CENTRAL SUR VERTIENTE OCCIDENTAL CORDILLERA ORIENTAL

CUNDINAMARCA

Cachipay	Mesitas de Santa Inés	4°40'	74°28'	1.250	Apulo
La Mesa	El Refugio	4°39'	74°28'	1.250	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
Tibacuy	La Granja	4°21'	74°25'	1.550	Fusagasugá
Venecia	Bengala	4°07'	74°30'	1.600	Honda

TOLIMA

Melgar	La Granja	4°09'	74°40'		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 s.n.m.	Hoya hidrográfica
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VERTIENTE ORIENTAL CORDILLERA CENTRAL

TOLIMA

Ibaqué	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
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VERTIENTE OCCIDENTAL CORDILLERA CENTRAL

QUINDIO

Circasia	La Ilusión	4°36'	75°39'	1.500	Barbas
Circasia	Bremen	4°40'	75°37'	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°37'	76°47'	1.320	La Vieja
Quimbaya	El Rocío	4°34'	75°46'		La Vieja
Montenegro	El Agrado	4°28'	75°49'	1.350	La Vieja
Armenia	El Sena	4°32'	75°40'	1.550	Quindío
Armenia	Tucumán	4°32'	75°44'	1.250	Quindío
Calarcá	La Bella	4°31'	75°40'	1.450	Quindío
Tebaida	La Argentina	4°26'	75°46'	1.200	La Vieja
Buenavista	Paraguacito	4°23'	75°44'	1.250	Rioverde

VALLE

Alcalá	Arturo Gómez	4°40'	75°48'	1.320	La Vieja
Sevilla	Heraclio Uribe	4°16'	75°55'	1.540	La Vieja
Ginebra	La Selva	4°40'	76°18'	1.800	Cauca
Palmira	Campanella	3°33'	76°18'	1.550	Cauca

CAUCA

Santander	Instituto Técnico	3°01'	76°29'	1.110	Cauca
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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 de Albán	4°46'	76°13'	1.400	Garrapatos
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°03'	1.590	Magdalena

VERTIENTE OCCIDENTAL CORDILLERA CENTRAL

CAUCA

Piendamó	La Trinidad	2°41'	76°32'	1.600	Cauca
Cajibío	La Aurelia	2°37'	76°35'	1.840	Cauca

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s.n.m.	Hoya hidrográfica
	Popayán	La Florida	2°27'	76°35'	1.850	Cauca Cauca Cauca
	Tambo	Manuel Mejía	2°24'	76°48'	1.700	
	Rosas	Portachuelo	2°15'	76°43'	1.750	

CUENCA DEL RIO PATIA

NARIÑO

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

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ESTACION: EL ROSARIO
 ALTITUD: 1.600

MUNICIPIO: VENECIA
 LATITUD: 5-56 N.

AÑO: 1.961
 LONGITUD: 75-43 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	24.8	18.2	74.8	15.573	13.6	0.0	0.0	0.0	7.9
2	14.4	24.5	18.9	71.5	15.147	13.2	0.2	0.0	0.2	10.5
3	14.3	26.0	19.5	62.2	13.509	11.5	0.0	0.0	0.0	10.4
4	13.5	26.5	19.9	62.1	13.788	11.7	0.0	0.0	0.0	5.3
5	14.4	24.2	19.1	77.0	16.689	14.6	0.0	0.0	0.0	9.3
6	14.6	25.3	19.8	70.2	15.599	13.6	0.0	0.0	0.0	8.9
7	16.0	26.5	20.9	70.8	17.031	15.0	0.0	0.0	0.0	6.6
8	16.0	25.3	19.8	78.9	17.840	15.7	0.0	13.5	13.5	5.2
9	14.8	24.0	19.7	78.1	17.691	15.5	0.0	0.0	0.0	10.0
10	15.3	23.6	20.4	61.0	13.960	11.6	0.0	0.0	0.0	10.9
11	15.6	26.5	19.9	65.4	14.913	12.9	0.0	0.0	0.0	8.9
12	15.0	26.5	19.4	68.8	15.424	13.4	0.2	0.0	0.2	8.5
13	14.5	25.0	19.0	66.4	14.485	12.4	0.0	0.0	0.0	10.9
14	13.5	25.0	20.0	65.3	14.936	12.9	0.0	0.0	0.0	10.4
15	13.8	25.5	19.9	61.3	13.714	11.6	0.0	0.0	0.0	9.1
16	14.0	25.5	20.4	63.3	14.077	12.0	0.0	0.0	0.0	9.5
17	14.5	26.0	21.4	64.9	15.798	13.8	0.0	0.0	0.0	10.5
18	14.9	26.5	20.1	67.5	15.319	13.3	0.0	0.0	0.0	10.9
19	14.9	26.6	21.2	58.5	13.847	11.7	0.0	0.0	0.0	11.1
20	13.9	27.0	20.5	65.1	14.969	12.9	0.0	0.0	0.0	10.6
21	13.5	25.5	20.8	57.8	13.555	11.5	0.0	0.0	0.0	10.6
22	13.5	25.0	20.6	60.7	13.755	11.6	0.0	0.0	0.0	10.1
23	13.5	25.5	21.3	62.3	14.556	12.5	0.0	0.0	0.0	8.0
24	13.5	25.5	21.6	62.1	15.084	13.0	0.0	3.3	3.3	8.6
25	14.5	26.5	19.0	76.4	16.595	14.5	22.6	0.3	22.9	10.3
26	15.5	24.7	19.8	61.6	14.102	12.0	0.0	0.0	0.0	9.8
27	13.5	26.5	20.3	59.3	13.729	11.5	0.0	0.0	0.0	4.9
28	15.5	21.5	17.7	74.5	14.970	12.9	0.2	0.0	0.2	0.9
29	14.0	19.3	17.6	83.3	16.667	14.6	0.0	0.0	0.0	9.2
30	13.5	24.0	18.1	64.5	13.478	11.4	0.0	0.4	0.4	0.2
31	13.5	19.0	16.2	87.2	15.899	13.9	0.0	0.0	0.0	1.0
PROM.	14.3	25.0	19.7	67.8	15.054	13.0	23.2	17.5	40.7	259.0

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	13.3	21.5	17.2	73.7	14.311	12.3	0.2	0.0	0.2	7.9
2	13.6	25.3	19.3	71.4	15.192	13.2	0.0	0.0	0.0	3.7
3	14.8	23.0	19.4	72.8	16.174	14.1	0.0	0.0	0.0	7.8
4	15.0	25.0	20.4	63.7	15.063	13.1	1.1	0.4	1.5	1.7
5	15.0	22.8	18.9	80.5	17.234	15.1	0.1	0.0	0.1	8.7
6	15.3	26.5	19.9	64.9	15.039	13.1	11.5	0.0	11.5	3.3
7	15.6	24.5	19.3	78.9	17.743	15.6	2.5	0.0	2.5	9.7
8	15.6	27.0	20.5	69.6	16.526	14.5	1.4	0.5	1.9	4.2
9	17.0	25.0	19.5	87.9	20.053	17.5	1.3	0.0	1.3	9.0
10	15.0	27.3	22.1	66.8	16.693	14.6	0.0	0.0	0.0	5.6
11	16.4	27.0	19.2	76.7	16.896	14.7	4.1	0.0	4.1	0.9
12	15.0	22.0	17.9	88.7	18.106	15.9	3.9	6.3	10.2	2.3
13	15.3	23.5	19.8	73.4	16.631	14.6	0.0	1.5	1.5	4.5
14	14.4	23.5	20.1	76.3	16.661	14.6	3.9	0.0	3.9	8.4
15	16.2	27.0	22.5	66.2	16.866	14.8	0.0	0.2	0.2	5.3
16	17.0	27.0	21.8	65.6	16.667	14.6	0.0	0.0	0.0	5.8
17	16.0	25.5	21.7	65.2	16.296	14.3	0.0	0.0	0.0	6.7
18	17.5	26.5	22.0	59.0	15.207	13.2	0.7	0.0	0.7	5.2
19	16.5	25.5	20.4	70.0	17.063	15.0	0.5	0.0	0.5	2.5
20	15.0	24.5	19.7	72.6	16.527	14.5	0.7	0.0	0.7	3.7
21	15.4	23.3	21.0	62.9	15.525	13.5	1.2	0.0	1.2	0.8
22	16.5	23.0	19.7	78.8	18.003	15.8	0.0	0.0	0.0	0.0
23	14.8	20.0	16.2	90.6	16.951	14.9	11.5	0.1	11.6	7.0
24	14.5	24.5	19.5	71.1	15.746	13.8	0.0	2.0	2.0	3.1
25	15.5	21.5	18.5	85.4	17.979	15.8	1.8	0.0	1.8	10.6
26	14.5	27.0	22.0	56.0	13.371	10.7	0.0	0.0	0.0	9.6
27	17.0	28.0	23.4	50.7	13.420	11.2	0.0	0.0	0.0	10.2
28	16.5	26.3	22.0	59.5	15.054	12.9	0.0	0.0	0.0	10.3
PROM	15.5	24.8	20.1	71.4	16.321	14.2	46.4	11.0	57.4	158.5

ESTACION: EL ROSARIO

MUNICIPIO: VENECIA

AÑO: 1.981

ALTITUD: 1.600

LATITUD: S-56 N.

LONGITUD: 75-43 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	27.2	22.1	59.3	14.591	12.5	0.0	0.0	0.0	6.2
2	17.5	28.0	22.5	63.4	16.786	14.7	0.1	0.0	0.1	3.1
3	16.5	25.6	21.5	77.4	19.024	16.7	0.0	0.0	0.0	8.7
4	17.3	27.6	23.2	51.5	14.143	12.1	0.0	0.0	0.0	3.2
5	16.6	25.0	20.1	72.8	17.503	15.3	2.0	26.2	28.2	2.8
6	14.0	24.4	19.2	78.2	16.846	14.8	0.3	1.6	1.9	3.9
7	15.0	24.0	19.3	84.6	18.440	16.2	1.2	9.6	10.8	2.5
8	15.5	23.0	18.3	91.5	19.683	17.2	56.0	1.0	57.0	3.8
9	15.0	23.3	19.4	73.4	16.154	14.1	0.3	7.2	7.5	0.5
10	15.5	22.5	18.4	85.9	18.065	15.9	2.1	0.0	2.1	2.5
11	15.5	24.5	19.6	77.7	17.547	15.5	2.8	0.0	2.8	0.3
12	16.5	22.6	18.2	78.1	16.459	14.5	5.8	0.6	6.4	2.7
13	15.5	22.5	19.2	82.3	17.809	15.7	0.6	0.0	0.6	1.3
14	16.0	22.0	18.5	83.0	17.808	15.6	1.5	0.0	1.5	2.9
15	15.0	24.0	19.0	77.5	16.909	14.7	0.0	0.0	0.0	3.9
16	16.5	26.0	20.2	69.0	16.066	13.9	0.0	0.0	0.0	6.2
17	16.5	26.0	20.4	73.2	17.414	15.3	0.0	0.0	0.0	4.6
18	16.0	24.5	21.2	70.2	16.837	14.7	0.0	0.0	0.0	5.1
19	16.4	26.0	19.3	75.3	17.027	15.0	0.3	0.0	0.3	6.0
20	16.0	26.0	20.1	66.4	15.281	13.2	9.6	0.0	9.6	10.7
21	14.0	26.5	21.1	53.8	12.882	10.7	0.0	0.0	0.0	3.9
22	15.5	25.0	19.9	69.2	15.844	13.8	0.0	0.0	0.0	7.2
23	15.5	26.5	20.5	68.6	16.105	14.1	0.0	0.0	0.0	7.9
24	15.0	25.0	20.6	63.8	14.984	12.9	0.0	0.0	0.0	10.5
25	14.5	26.3	21.4	57.5	14.172	12.1	0.0	0.0	0.0	2.4
26	15.0	23.0	19.3	69.5	15.335	13.2	0.0	0.0	0.0	7.8
27	15.5	25.5	20.9	57.0	13.470	11.4	0.0	0.0	0.0	6.0
28	16.3	25.5	19.6	67.6	15.266	13.3	4.3	0.0	4.3	3.6
29	14.5	23.0	19.2	75.0	16.180	14.2	8.7	0.0	8.7	9.5
30	15.0	26.5	22.1	64.2	16.119	14.1	0.0	0.0	0.0	5.9
31	16.0	25.5	21.1	70.5	16.819	14.7	0.8	0.0	0.8	10.4
PROM.	15.6	24.9	20.2	71.2	16.373	14.3	96.4	46.2	142.6	158.0

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	16.0	28.0	22.8	55.0	14.549	12.5	0.0	0.0	0.0	2.9
2	17.0	23.6	21.1	68.8	17.058	15.0	0.0	0.0	0.0	2.7
3	16.0	24.5	20.9	72.2	17.555	15.5	0.0	1.1	1.1	5.5
4	16.0	24.0	20.0	74.1	17.157	15.1	1.6	8.0	9.6	1.1
5	14.5	21.0	17.0	90.0	17.566	15.4	6.6	0.3	6.9	5.9
6	14.5	26.0	20.1	75.5	17.151	15.1	0.0	2.3	2.3	3.6
7	15.5	24.5	19.9	68.0	15.518	13.6	2.6	0.0	2.6	5.0
8	15.5	24.5	21.1	68.7	16.697	14.7	0.5	4.0	4.5	4.0
9	17.0	25.0	20.6	75.9	18.353	16.1	0.0	0.0	0.0	8.8
10	16.5	27.3	22.8	61.8	16.322	14.2	0.0	0.0	0.0	1.1
11	17.5	23.8	20.5	73.6	17.545	15.5	0.0	0.2	0.2	0.0
12	16.0	20.0	17.5	80.6	16.106	14.1	0.5	0.0	0.5	3.7
13	15.0	23.0	18.0	76.1	16.218	14.1	3.9	0.2	4.1	5.6
14	14.1	24.1	18.3	78.6	16.616	14.6	0.5	11.0	11.5	3.4
15	14.5	23.0	18.7	84.6	17.899	15.7	0.0	9.4	9.4	2.6
16	14.0	20.6	16.8	88.3	16.541	14.5	9.5	0.0	9.5	5.2
17	15.5	24.5	17.8	78.6	16.231	14.2	51.8	6.4	58.2	4.7
18	13.3	22.4	17.8	83.9	16.905	14.8	1.3	25.2	26.5	0.0
19	13.6	16.0	14.6	94.8	15.897	13.9	17.1	0.0	17.1	5.2
20	12.5	23.5	18.0	87.0	17.703	15.5	0.0	0.0	0.0	10.5
21	15.3	26.5	20.8	68.2	16.696	14.7	0.0	32.9	32.9	2.0
22	15.5	23.0	16.9	93.9	17.956	15.8	8.2	0.0	8.2	7.5
23	14.5	25.4	19.6	78.3	17.747	15.6	0.1	9.8	9.9	4.9
24	14.5	23.3	18.8	83.2	17.672	15.4	0.1	5.1	5.2	8.8
25	16.0	25.4	20.9	73.1	17.867	15.6	0.2	0.0	0.2	0.6
26	16.5	22.5	20.2	78.2	18.446	16.1	0.0	9.7	9.7	0.0
27	15.0	19.0	17.4	96.9	19.265	16.9	24.9	1.5	26.4	0.9
28	14.5	22.5	17.8	87.4	17.519	15.4	0.9	0.1	1.0	3.9
29	14.5	24.0	18.3	87.2	18.383	16.1	17.5	2.9	20.4	2.2
30	15.0	22.0	18.9	87.9	19.088	16.8	0.0	39.2	39.2	0.4
PROM.	15.2	23.4	19.1	79.0	17.208	15.1	147.8	169.3	317.1	112.7

ESTACION: EL ROSARIO

MUNICIPIO: VENECIA

AÑO: 1.961

ALTITUD: 1.600

LATITUD: 5-56 N.

LONGITUD: 75-43 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.6	20.5	17.2	83.7	16.335	14.3	8.4	0.7	9.1	3.8
2	14.0	23.0	17.8	82.1	16.458	14.4	0.1	10.7	10.8	2.1
3	13.4	20.0	16.3	93.8	17.090	15.0	0.1	0.0	0.1	2.5
4	15.0	20.6	18.3	93.4	19.666	17.2	7.3	5.2	12.5	2.3
5	14.5	22.0	18.0	86.1	17.720	15.6	1.7	27.6	29.3	6.7
6	13.6	22.0	17.8	77.7	15.471	13.4	1.3	0.0	1.3	9.2
7	14.8	25.5	20.0	74.4	17.048	15.0	0.0	14.3	14.3	2.9
8	14.1	22.0	17.9	83.6	16.823	14.7	0.1	0.0	0.1	3.2
9	13.5	20.5	16.2	94.4	17.239	15.2	6.7	0.0	6.7	6.5
10	14.0	23.0	18.6	82.3	17.373	15.2	0.1	24.1	24.2	1.8
11	13.6	20.5	17.8	90.4	18.242	16.0	19.2	6.9	26.1	2.9
12	14.5	22.5	17.9	86.9	17.499	15.4	0.0	0.0	0.0	8.3
13	15.5	27.0	20.4	69.0	15.904	13.9	0.0	1.0	1.0	1.2
14	15.0	22.0	18.9	89.5	19.425	17.0	0.1	0.6	0.7	7.5
15	14.5	25.0	18.2	80.9	16.856	14.8	7.0	24.9	31.9	1.1
16	15.0	20.0	17.7	92.1	18.453	16.2	2.4	0.0	2.4	1.9
17	15.5	23.3	19.1	80.6	17.379	15.1	2.3	5.7	8.0	0.0
18	15.5	18.5	16.5	95.0	17.819	15.7	15.3	0.0	15.3	6.8
19	14.5	25.0	19.2	85.3	18.891	16.5	0.8	0.0	0.8	11.4
20	16.5	27.5	22.6	67.9	18.315	16.1	0.0	0.0	0.0	4.2
21	17.0	25.0	20.7	71.8	18.042	15.8	4.7	0.0	4.7	6.9
22	16.5	26.5	20.7	76.3	18.551	16.3	0.0	3.1	3.1	2.9
23	14.5	24.5	18.0	81.2	17.004	14.9	9.3	3.5	12.8	2.8
24	15.0	24.0	17.9	82.9	17.119	15.0	30.5	28.0	58.5	2.2
25	14.5	24.5	19.3	76.5	16.783	14.8	0.0	3.8	3.8	4.1
26	14.5	24.0	19.9	81.2	18.445	16.2	0.0	5.6	5.6	0.3
27	15.0	21.5	18.4	89.0	18.848	16.6	13.0	1.3	14.3	3.3
28	15.3	25.0	18.8	78.7	17.153	15.1	9.9	0.0	9.9	3.0
29	15.0	23.5	17.6	83.1	17.221	15.0	8.8	1.4	10.2	0.2
30	15.3	21.5	17.3	93.0	18.287	16.1	1.1	29.1	30.2	4.1
31	14.5	23.3	19.5	83.5	18.607	16.4	0.0	2.0	2.0	6.9
PROM.	14.8	23.0	18.5	83.4	17.615	15.4	150.2	199.5	349.7	123.0

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	14.5	24.5	18.3	84.5	18.012	15.9	2.3	0.3	2.6	3.2
2	15.0	24.0	18.8	79.3	17.113	15.1	1.4	0.0	1.4	10.7
3	14.4	25.5	20.5	67.3	16.081	14.1	0.0	0.0	0.0	10.6
4	16.0	26.5	21.6	72.5	18.232	16.1	0.0	0.0	0.0	5.4
5	15.5	25.5	21.0	73.7	18.319	16.1	0.0	0.0	0.0	3.5
6	16.5	23.5	19.8	82.9	19.053	16.7	0.0	3.0	3.0	3.9
7	14.5	24.5	18.4	78.8	16.520	14.4	0.0	36.3	36.3	0.8
8	14.0	22.5	17.8	89.1	18.130	15.9	0.3	30.2	30.5	0.4
9	14.5	21.0	17.6	88.9	17.907	15.8	6.3	0.0	6.3	3.6
10	14.5	22.5	19.0	79.2	17.135	15.1	0.0	0.6	0.6	5.4
11	15.5	24.5	19.6	71.4	15.929	13.8	0.3	2.4	2.7	2.5
12	14.5	22.5	18.8	80.7	17.466	15.4	0.0	9.8	9.8	1.7
13	14.5	22.0	18.0	89.7	18.489	16.2	1.8	0.0	1.8	4.5
14	15.0	23.6	18.9	90.4	19.628	17.2	0.0	0.0	0.0	5.4
15	16.0	25.0	19.9	75.7	17.989	15.8	0.5	10.5	11.0	2.0
16	14.0	22.0	18.2	77.3	16.361	14.3	0.0	1.9	1.9	5.4
17	13.5	25.5	19.4	68.6	15.222	13.2	1.2	1.9	3.1	1.4
18	14.5	21.5	16.9	89.8	17.588	15.5	26.0	4.0	30.0	10.4
19	13.0	24.0	17.1	77.1	15.420	13.5	12.4	0.2	12.6	9.9
20	14.0	25.0	20.8	68.7	16.765	14.6	0.0	3.7	3.7	5.8
21	15.0	25.0	20.0	79.4	18.171	16.0	0.2	0.0	0.2	8.3
22	15.0	25.5	19.4	77.4	17.407	15.3	7.2	2.2	9.4	1.8
23	14.5	22.6	18.5	78.8	16.707	14.7	0.0	0.0	0.0	1.9
24	15.0	24.5	18.2	80.5	17.384	15.2	5.2	0.0	5.2	3.7
25	13.5	24.0	19.2	83.0	18.519	16.3	0.0	0.0	0.0	7.8
26	14.4	24.5	20.1	76.0	17.680	15.5	0.0	0.0	0.0	10.6
27	15.3	25.0	21.0	74.2	18.180	16.0	0.0	0.0	0.0	4.6
28	16.0	23.5	18.8	79.7	17.313	15.2	0.2	17.0	17.2	0.6
29	14.0	20.5	17.2	93.4	18.302	16.1	13.9	64.2	78.1	1.3
30	12.5	20.0	16.6	88.2	16.402	14.4	0.0	0.0	0.0	4.7
PROM	14.6	23.7	19.0	79.9	17.447	15.3	79.2	188.2	267.4	144.3

ESTACION: EL ROSARIO

MUNICIPIO: VENECIA

AÑO: 1.981

ALTITUD: 1.600

LATITUD: 5-56 N.

LONGITUD: 75-43 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	23.5	19.0	76.4	16.884	14.8	0.7	17.9	18.6	10.2
2	13.0	25.0	20.1	71.6	16.556	14.5	0.0	0.0	0.0	7.2
3	15.0	24.5	19.9	76.7	17.688	15.5	0.0	0.7	0.7	2.4
4	15.5	22.0	17.7	85.5	17.514	15.4	0.7	22.6	23.3	6.7
5	13.5	22.5	17.5	76.4	15.059	13.0	2.9	20.2	23.1	6.7
6	12.5	22.5	17.9	79.2	16.437	14.4	0.2	1.6	1.8	10.4
7	14.5	26.5	21.3	67.3	16.467	14.5	0.0	0.0	0.0	7.3
8	16.0	26.0	21.3	71.7	17.802	15.6	0.0	1.9	1.9	2.5
9	15.0	22.5	18.3	82.7	17.218	15.1	9.3	1.4	10.7	2.5
10	14.0	22.5	16.9	83.0	16.219	14.2	0.1	36.0	36.1	5.9
11	14.0	23.0	18.8	80.9	17.296	15.2	0.0	3.4	3.4	5.3
12	14.5	23.5	19.4	74.5	16.155	14.2	0.0	0.0	0.0	5.4
13	15.0	24.5	19.7	66.8	15.099	13.1	0.0	0.0	0.0	6.3
14	15.5	23.5	19.1	74.0	16.208	14.1	0.0	7.2	7.2	6.8
15	13.5	24.5	19.2	75.5	16.309	14.3	0.0	0.1	0.1	4.7
16	14.9	24.5	19.3	83.6	18.861	16.6	10.6	39.7	50.3	2.4
17	12.9	21.0	16.1	94.6	17.686	15.5	28.5	14.1	42.6	7.5
18	12.4	22.4	17.9	80.4	16.231	14.2	0.0	8.1	8.1	6.7
19	14.5	23.5	19.4	76.2	16.621	14.6	0.0	0.2	0.2	5.4
20	15.3	24.0	19.0	75.0	16.426	14.4	0.7	0.0	0.7	3.8
21	14.5	23.0	19.1	82.2	17.934	15.8	0.0	0.0	0.0	10.0
22	14.5	25.0	21.2	62.7	15.073	13.1	0.0	0.0	0.0	9.0
23	16.3	26.0	20.9	62.1	15.219	13.2	0.0	0.0	0.0	6.4
24	15.5	25.0	20.4	56.4	13.568	11.5	0.0	0.0	0.0	11.2
25	15.0	25.5	20.8	47.6	11.693	9.1	0.0	0.0	0.0	10.3
26	15.2	25.5	20.9	51.3	12.585	10.3	0.0	0.0	0.0	11.2
27	14.5	27.0	21.6	51.4	12.813	10.6	0.0	0.0	0.0	9.8
28	15.6	27.0	21.7	53.4	13.773	11.7	0.0	0.0	0.0	10.9
29	15.4	26.5	21.5	63.5	16.178	14.1	0.0	0.0	0.0	11.2
30	15.5	27.5	22.6	50.8	13.529	11.4	0.0	0.0	0.0	10.2
31	16.8	26.5	22.3	52.8	13.813	11.7	0.0	0.0	0.0	11.2
PROM.	14.7	24.4	19.7	70.5	15.836	13.7	53.7	175.1	228.8	227.5

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	16.7	26.4	22.4	59.1	15.488	13.5	0.0	0.0	0.0	8.1
2	16.5	26.0	20.8	60.5	15.028	13.0	0.0	0.0	0.0	5.0
3	15.5	25.5	20.6	67.8	16.371	14.4	0.0	0.0	0.0	10.9
4	15.6	28.0	22.4	53.4	13.742	11.6	0.0	0.0	0.0	9.9
5	16.5	26.5	22.6	60.2	15.753	13.8	0.0	0.0	0.0	3.0
6	17.5	27.5	21.7	67.6	17.041	15.0	0.0	36.9	36.9	2.8
7	14.5	23.5	19.2	73.0	15.768	13.7	0.0	9.6	9.6	7.2
8	14.0	26.0	19.8	73.4	16.420	14.4	0.2	7.2	7.4	6.5
9	14.0	25.0	18.6	81.3	17.426	15.3	0.0	0.0	0.0	11.3
10	14.5	27.0	21.4	66.5	16.266	14.3	0.0	0.0	0.0	4.3
11	16.5	25.0	20.2	67.4	15.684	13.7	0.0	5.2	5.2	1.6
12	14.3	22.0	18.0	86.8	17.903	15.7	3.0	0.0	3.0	3.2
13	13.6	23.0	18.0	79.2	16.367	14.3	2.5	1.8	4.3	5.0
14	14.5	23.5	18.9	79.4	17.073	15.0	0.0	0.0	0.0	10.9
15	14.5	26.0	20.9	61.5	14.759	12.7	0.0	0.0	0.0	9.3
16	15.3	25.5	20.5	66.3	15.305	13.2	0.0	0.0	0.0	1.3
17	13.5	20.0	16.8	78.6	14.843	12.6	1.5	0.0	1.5	6.7
18	14.0	23.0	17.1	81.8	16.090	14.1	17.5	5.5	23.0	7.4
19	13.5	23.3	18.9	72.0	15.339	13.4	0.2	0.0	0.2	8.9
20	14.0	25.5	20.0	60.3	14.264	12.2	0.0	0.0	0.0	4.2
21	14.5	23.3	17.3	78.3	15.765	13.8	8.9	28.4	37.3	4.9
22	13.5	22.5	18.3	79.9	16.557	14.6	0.0	4.6	4.6	2.9
23	13.4	20.5	15.8	87.2	15.861	13.8	5.3	0.0	5.3	5.9
24	12.0	25.1	17.5	76.7	15.240	13.2	0.0	11.1	12.0	5.6
25	13.3	22.5	17.0	86.4	17.055	15.0	7.6	0.7	8.3	6.8
26	14.5	23.3	18.7	75.0	15.993	14.0	0.0	8.2	8.2	10.6
27	14.0	26.0	20.5	63.9	14.871	12.7	0.0	0.0	0.0	10.9
28	15.0	25.8	20.5	60.2	14.379	12.4	0.0	4.4	4.4	6.9
29	13.0	23.6	18.0	69.9	14.477	12.5	0.7	8.9	9.6	1.4
30	13.0	20.5	16.2	87.3	16.019	14.0	5.4	4.1	9.5	4.3
31	13.5	23.0	16.6	83.3	15.670	13.7	5.4	4.1	9.5	0.0
PROM.	14.5	24.3	19.2	72.4	15.768	13.7	60.3	175.0	235.3	187.7

ESTACION: EL ROSARIO

MUNICIPIO: VENECIA

AÑO: 1.981

ALTITUD: 1.600

LATITUD: 5-56 N.

LONGITUD: 75-43 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	20.0	16.8	82.8	15.672	13.7	0.2	6.4	6.6	2.9
2	12.5	23.0	17.8	76.9	15.564	13.6	0.0	0.0	0.0	2.6
3	13.5	21.5	18.8	78.1	16.638	14.6	0.0	41.7	41.7	3.2
4	13.5	23.0	17.0	82.3	16.039	14.1	3.8	0.0	3.8	5.0
5	13.8	22.5	18.1	78.2	16.226	14.2	5.9	15.3	21.2	7.5
6	12.0	24.0	18.3	77.2	15.517	13.5	1.3	0.0	1.3	2.8
7	13.5	24.5	18.0	82.5	17.165	15.1	2.5	2.9	5.4	6.2
8	14.0	24.0	18.7	76.1	16.302	14.3	0.0	7.6	7.6	7.8
9	13.0	25.0	19.3	75.8	16.741	14.7	0.0	0.6	0.6	4.3
10	14.0	24.5	18.1	86.5	17.780	15.6	0.2	33.0	33.2	4.0
11	12.5	23.5	17.4	78.9	15.900	13.9	7.1	6.4	13.5	4.6
12	12.5	24.5	19.3	76.3	16.721	14.7	0.2	10.6	10.8	6.9
13	13.0	24.0	18.5	74.3	15.291	13.3	0.0	0.0	0.0	7.4
14	14.0	24.5	20.6	68.0	16.307	14.2	0.2	15.5	15.7	3.9
15	13.0	24.5	19.3	66.6	14.554	12.5	0.1	0.0	0.1	7.2
16	14.5	25.5	18.4	70.0	15.257	13.3	5.5	0.0	5.5	5.2
17	13.5	25.0	19.1	82.9	17.999	15.8	0.0	0.0	0.0	11.2
18	13.5	27.0	22.0	59.4	15.002	12.9	0.0	0.0	0.0	2.2
19	15.5	22.0	17.9	87.8	17.944	15.8	5.3	0.0	5.3	9.8
20	14.0	25.5	20.5	73.5	17.133	15.1	0.0	0.0	0.0	7.0
21	15.5	25.5	19.8	65.4	15.309	13.3	12.2	0.0	12.2	3.7
22	14.5	23.5	20.3	64.7	15.381	13.4	0.0	0.0	0.0	11.4
23	15.0	27.0	22.4	52.9	13.850	11.7	0.0	0.0	0.0	10.0
24	14.0	27.5	22.5	53.5	14.103	11.9	0.0	0.0	0.0	7.5
25	15.5	25.4	21.7	60.3	15.412	13.6	0.0	0.0	0.0	7.1
26	15.5	25.5	20.4	70.1	17.244	15.1	0.0	0.0	0.0	6.0
27	14.5	25.0	20.1	73.0	17.178	15.1	0.0	5.4	5.4	6.1
28	14.5	24.0	18.1	81.4	17.451	15.3	2.0	2.1	4.1	7.3
29	13.0	25.5	19.4	75.4	16.719	14.6	0.0	2.9	2.9	9.3
30	14.4	26.0	21.2	63.6	15.737	13.7	0.0	45.1	45.1	1.0
PROM.	14.0	24.4	19.3	73.1	16.146	14.1	46.5	195.5	242.0	181.1

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	13.1	22.0	18.0	84.2	17.102	15.0	0.0	0.0	0.0	8.7
2	14.5	25.3	21.1	65.4	16.075	14.1	0.0	4.2	4.2	0.2
3	15.0	22.8	17.7	89.6	18.320	16.1	0.0	3.5	3.5	7.0
4	14.0	24.4	18.4	79.2	16.808	14.5	7.3	20.5	27.8	8.5
5	13.0	25.5	19.8	68.4	15.870	13.6	0.0	0.0	0.0	5.6
6	14.5	25.5	19.6	74.6	16.861	14.8	0.2	0.0	0.2	4.9
7	15.0	25.5	19.8	74.4	17.781	15.6	1.5	14.8	16.3	1.7
8	13.0	22.2	17.8	90.2	18.765	16.5	1.8	6.1	7.9	3.2
9	14.4	22.5	18.3	78.5	16.420	14.4	0.0	0.0	0.0	2.6
10	12.5	20.5	17.0	84.9	17.139	15.1	2.6	7.0	9.6	3.5
11	14.0	22.5	17.8	85.1	16.144	14.2	8.5	0.0	8.5	1.3
12	14.0	22.5	17.8	87.9	18.112	15.9	0.3	0.0	0.3	5.8
13	14.3	24.6	19.1	70.9	15.825	13.8	0.2	0.0	0.2	5.4
14	14.0	25.0	18.8	83.1	18.105	15.9	0.3	43.1	43.4	7.5
15	12.5	23.5	18.9	70.9	14.825	12.8	0.0	26.8	26.8	5.8
16	12.8	23.0	18.4	79.3	16.682	14.6	6.7	0.7	7.4	9.3
17	14.5	25.0	20.9	72.4	17.666	15.6	0.0	9.6	9.6	7.0
18	13.5	21.0	18.4	77.7	16.529	14.5	0.0	9.6	9.6	6.1
19	13.5	24.0	19.3	77.2	16.977	14.9	0.0	0.0	0.0	6.5
20	14.5	26.0	20.0	77.0	17.605	15.4	0.0	0.0	0.0	5.7
21	15.0	25.5	20.1	71.7	16.862	14.6	0.0	0.0	0.0	2.6
22	15.5	22.2	17.6	85.5	17.811	15.6	28.1	0.0	28.1	0.5
23	14.5	21.0	17.7	89.1	18.125	15.9	1.4	19.8	21.2	0.0
24	13.0	18.0	16.4	86.3	15.783	13.8	2.4	0.0	2.4	5.2
25	13.6	23.3	18.3	79.0	16.392	14.4	0.2	0.0	0.2	2.7
26	14.4	23.0	17.2	84.3	17.262	15.1	26.1	4.3	30.4	2.3
27	13.8	22.0	18.4	87.3	18.374	16.1	1.2	39.4	40.6	4.0
28	13.5	22.5	17.3	88.2	17.764	15.6	22.5	0.6	23.1	8.5
29	13.6	24.5	19.8	74.4	16.985	14.9	0.0	8.6	8.6	0.0
30	13.4	18.5	16.6	91.1	17.340	15.2	3.4	0.0	3.4	5.1
31	13.5	23.3	18.4	75.7	15.723	13.7	0.0	0.0	0.0	3.3
PROM.	13.9	23.2	18.5	80.1	17.014	14.9	114.7	218.6	333.3	140.5

ESTACION: EL ROSARIO

MUNICIPIO: VENECIA

ARO:

1-981

ALTITUD: 1.600

LATITUD: 5-56 N.

LONGITUD: 75-43 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	13.4	20.5	17.6	82.1	16.310	14.3	0.0	0.0	0.0	2.8
2	13.5	22.0	17.9	72.1	14.452	12.4	0.0	0.0	0.0	7.2
3	13.4	24.8	19.3	72.2	15.908	13.8	0.0	0.0	0.0	4.7
4	15.0	23.0	19.6	77.3	17.782	15.6	1.2	9.6	10.8	5.9
5	13.0	25.8	19.7	69.1	15.420	13.5	0.0	0.8	0.8	9.3
6	15.0	26.5	20.6	70.5	18.903	14.8	0.0	16.1	16.1	11.0
7	15.5	22.5	18.0	88.2	18.456	16.2	4.6	14.7	19.3	2.5
8	12.5	22.0	18.1	81.4	16.649	14.6	1.6	8.0	9.6	4.9
9	13.8	25.0	19.8	74.5	16.529	14.5	0.0	0.0	0.0	5.8
10	14.5	22.5	19.3	70.8	15.832	13.8	7.6	0.0	7.6	7.1
11	14.4	23.5	19.5	80.9	17.872	15.7	0.0	46.0	46.0	3.9
12	13.5	24.5	18.1	87.9	17.960	15.8	0.2	5.0	5.2	4.3
13	13.5	23.0	17.4	82.4	16.633	14.6	38.7	17.5	56.2	2.9
14	14.5	21.5	17.1	90.5	17.865	15.7	1.1	17.9	19.0	0.7
15	14.0	23.2	19.2	81.7	18.008	15.8	0.1	9.5	9.6	4.0
16	14.8	22.5	17.5	84.4	16.974	14.9	2.3	2.1	4.4	2.5
17	14.5	24.5	18.3	83.2	17.425	15.3	0.8	0.0	0.8	4.5
18	14.5	24.0	18.8	73.3	15.940	14.0	2.1	0.2	2.3	7.2
19	15.5	23.5	18.5	76.3	15.832	13.7	0.7	17.7	18.4	7.0
20	13.5	20.0	16.7	88.5	16.686	14.7	7.3	4.3	11.6	0.2
21	14.0	20.0	15.6	89.8	16.350	14.3	32.6	1.9	34.5	1.0
22	12.5	20.3	16.1	84.5	15.453	13.5	1.2	0.0	1.2	2.4
23	14.0	22.0	19.4	71.0	15.557	13.6	0.0	1.1	1.1	5.0
24	15.5	23.0	18.5	82.6	17.381	15.3	0.1	4.5	4.6	5.3
25	16.0	24.0	18.9	85.7	18.502	16.3	0.4	0.0	0.4	3.5
26	16.0	26.5	20.1	69.0	16.101	14.1	0.0	0.0	0.0	9.1
27	17.0	24.5	19.6	75.8	17.404	15.3	0.0	6.8	6.8	4.5
28	15.0	24.0	17.5	80.2	15.957	14.0	5.7	6.9	12.6	4.3
29	15.0	21.5	16.8	92.9	17.590	15.5	0.0	1.0	1.0	4.4
30	14.5	22.5	18.4	79.2	16.257	14.2	0.1	45.3	45.4	5.4
PROM.	14.4	23.1	18.4	79.9	16.733	14.7	108.4	236.9	345.3	143.3

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	15.0	23.5	18.0	77.2	15.808	13.8	0.0	20.6	20.6	6.4
2	15.5	25.5	19.8	72.7	16.332	14.3	0.0	0.0	0.0	9.2
3	16.5	26.5	20.9	62.9	15.195	13.2	0.0	0.0	0.0	9.7
4	17.0	26.0	19.5	78.4	17.879	15.7	0.0	33.8	33.8	6.6
5	16.0	24.5	17.8	83.1	16.950	14.9	0.6	7.8	8.4	1.8
6	15.0	22.0	17.2	81.8	16.071	14.1	0.0	0.0	0.0	3.2
7	15.0	24.0	17.5	84.3	17.041	15.0	25.1	0.0	25.1	7.7
8	16.0	25.0	19.8	74.4	16.568	14.5	0.0	0.0	0.0	6.8
9	16.0	23.5	18.5	75.5	16.312	14.3	9.9	0.0	9.9	3.8
10	15.5	20.5	17.8	93.7	18.977	16.7	8.0	0.0	8.0	0.0
11	16.0	23.0	17.9	83.6	17.267	15.2	8.4	0.0	8.4	1.7
12	15.5	24.5	18.7	79.5	16.897	14.9	1.4	0.2	1.6	5.3
13	16.0	24.5	20.5	73.0	17.174	15.1	0.0	0.0	0.0	8.8
14	15.5	24.5	19.9	75.4	17.071	15.0	0.0	12.9	12.9	4.8
15	15.0	24.0	18.1	82.4	17.177	15.1	19.4	0.0	19.4	5.2
16	16.0	25.5	20.0	72.1	16.754	14.7	0.0	0.0	0.0	9.5
17	16.0	26.0	20.8	68.4	16.622	14.6	0.0	0.0	0.0	9.1
18	16.5	24.5	18.8	81.4	17.673	15.4	0.7	0.0	0.7	3.9
19	16.0	23.0	18.6	73.9	15.492	13.5	0.0	0.0	0.0	2.7
20	15.5	22.5	18.7	86.4	18.751	16.5	0.0	1.5	1.5	1.6
21	16.0	21.0	18.0	86.4	18.018	15.8	0.7	39.9	40.6	0.9
22	14.0	23.0	18.5	83.3	17.555	15.5	0.0	0.0	0.0	3.3
23	15.5	25.0	20.6	65.2	15.388	13.4	0.0	0.0	0.0	9.6
24	17.0	25.5	20.3	69.6	16.368	14.4	0.0	0.0	0.0	9.4
25	17.0	20.5	18.1	81.1	16.836	14.7	0.0	0.0	0.0	0.0
26	16.0	22.5	19.2	76.9	16.767	14.7	0.0	13.5	13.5	3.5
27	17.0	24.0	19.4	75.1	16.919	14.9	3.5	0.0	3.5	6.8
28	17.0	25.1	21.2	66.3	16.213	14.2	0.0	0.0	0.0	9.6
29	14.4	20.5	17.4	92.1	18.593	16.3	0.0	0.0	0.0	0.0
30	14.5	23.0	18.0	86.1	17.944	15.8	4.0	8.5	12.5	2.8
31	14.5	22.0	17.2	87.9	17.331	15.3	2.2	0.0	2.2	4.1
PROM.	15.8	23.7	18.9	78.4	16.966	14.9	75.9	138.7	214.6	158.0

ESTACION: EL ROSARIO
 ALTITUD: 1.600

MUNICIPIO: VENECIA
 LATITUD: 5-56 N.

AÑO: 1.981
 LONGITUD: 75-43 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días llluvias	
ENERO	14.3	25.0	19.7	13.5	27.0	67.8	15.054	13.0	40.7	7	259.0
FEBRERO	15.5	24.8	20.1	13.3	28.0	71.4	16.321	14.2	57.4	19	158.5
MARZO	15.6	24.9	20.2	14.0	28.0	71.2	16.373	14.3	142.6	16	158.0
ABRIL	15.2	23.4	19.1	12.5	28.0	79.0	17.208	15.1	317.1	25	112.7
MAYO	14.8	23.0	18.5	13.4	27.5	83.4	17.615	15.4	349.7	29	123.0
JUNIO	14.6	23.7	19.0	12.5	26.5	79.9	17.447	15.3	267.4	21	144.3
JULIO	14.7	24.4	19.7	12.4	27.5	70.5	15.836	13.7	228.8	16	227.5
AGOSTO	14.5	24.3	19.2	12.0	28.0	72.4	15.768	13.7	235.3	20	187.7
SEPTIEMBRE	14.0	24.4	19.3	12.0	27.5	73.1	16.146	14.1	242.0	20	181.1
OCTUBRE	13.9	23.2	18.5	12.5	26.0	80.1	17.014	14.9	333.3	24	140.5
NOVIEMBRE	14.4	23.1	18.4	12.5	26.5	79.9	16.733	14.7	345.3	25	143.3
DICIEMBRE	15.8	23.7	18.9	14.0	26.5	78.4	16.966	14.9	214.6	16	158.0
PROMEDIO	14.8	24.0	19.2	12.9	27.3	75.6	16.540	14.4			
TOTAL									2774.2	238	1493.6

ESTACION: MIGUEL VALENCIA

MUNICIPIO: JARDIN

AÑO:

1.981

ALTITUD: 1.570

LATITUD: 5-32 N.

LONGITUD: 75-51 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	25.1	18.8	80.4	16.868	14.6	1.1	0.0	1.1	6.0
2	15.6	25.1	19.2	81.5	17.819	15.7	0.0	0.0	0.0	4.7
3	15.4	26.0	19.0	81.8	17.890	15.7	0.0	0.0	0.0	9.6
4	14.0	26.3	18.4	82.2	17.143	15.1	0.0	0.0	0.0	9.4
5	14.0	24.1	18.1	83.0	16.898	14.8	0.0	0.0	0.0	6.4
6	13.7	25.0	18.9	78.3	16.457	14.4	0.0	0.0	0.0	7.2
7	15.3	25.0	19.3	81.0	17.782	15.6	0.0	0.7	0.7	6.2
8	15.4	26.0	18.7	77.7	16.587	14.5	0.0	1.4	1.4	6.9
9	15.3	25.0	19.0	80.5	17.390	15.3	0.0	0.0	0.0	5.6
10	13.6	26.0	17.8	79.4	15.793	13.7	0.0	0.0	0.0	7.9
11	13.8	26.3	18.9	79.7	16.914	14.8	0.0	1.0	1.0	9.3
12	15.7	26.3	19.0	78.1	17.028	15.0	0.0	0.0	0.0	4.1
13	16.0	26.0	19.3	73.0	15.932	13.9	0.0	0.0	0.0	8.8
14	12.0	25.4	17.5	75.2	14.614	12.6	0.0	0.0	0.0	5.1
15	13.0	26.4	18.8	79.4	16.797	14.7	0.0	0.0	0.0	8.8
16	12.7	25.3	18.7	75.8	15.628	13.6	0.0	0.0	0.0	7.0
17	14.3	26.3	18.7	79.6	16.701	14.6	0.0	0.0	0.0	7.8
18	15.0	27.0	20.1	70.6	15.962	13.9	0.0	0.0	0.0	8.6
19	14.7	26.8	18.2	75.6	15.668	13.7	0.0	0.0	0.0	9.8
20	12.7	27.5	18.1	75.0	14.965	12.9	0.0	0.0	0.0	8.9
21	14.3	26.3	18.6	73.6	15.509	13.5	0.0	0.0	0.0	9.4
22	12.4	25.7	17.9	76.0	14.855	12.8	0.0	0.0	0.0	9.6
23	13.8	25.7	18.2	77.5	15.840	13.8	0.0	0.0	0.0	9.0
24	13.7	26.4	19.0	69.6	14.647	12.6	0.0	0.0	0.0	9.5
25	14.1	25.9	18.8	80.4	17.167	15.1	0.0	0.0	0.0	5.0
26	15.2	26.3	20.3	73.9	17.082	14.9	0.0	0.0	0.0	1.2
27	12.7	27.4	18.5	80.1	16.262	14.1	0.0	0.0	0.0	6.5
28	14.8	25.0	17.5	85.2	17.358	15.3	2.9	0.9	3.8	3.1
29	15.0	23.2	17.8	84.3	17.112	15.0	0.0	0.0	0.0	2.1
30	13.4	27.0	19.7	77.9	16.974	14.9	0.1	1.5	1.6	7.5
31	16.0	20.0	17.3	92.1	18.106	15.9	9.4	0.0	9.4	
PROM.	14.3	25.7	18.6	78.7	16.508	14.4	13.5	5.5	19.0	

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	23.3	18.1	86.7	17.998	15.8	0.6	0.0	0.6	6.4
2	15.1	26.0	20.1	79.6	18.189	16.0	0.2	0.0	0.2	0.0
3	15.3	25.4	19.0	82.2	17.795	15.6	4.9	0.0	4.9	3.9
4	15.3	27.4	19.0	78.9	17.165	15.0	15.4	0.0	15.4	6.8
5	15.1	23.3	18.7	84.9	18.043	15.8	0.3	0.0	0.3	2.8
6	15.6	27.3	19.4	80.5	17.647	15.5	4.3	0.0	4.3	9.2
7	15.8	25.3	20.2	73.7	17.200	15.1	0.0	0.0	0.0	4.8
8	14.4	26.0	19.6	69.1	15.267	13.3	0.0	0.0	0.0	8.5
9	15.7	24.6	19.0	85.2	18.709	16.5	15.4	0.0	15.4	3.7
10	14.0	28.0	19.3	74.3	16.204	14.2	0.0	0.0	0.0	9.2
11	14.0	27.3	19.4	81.8	18.128	15.9	0.0	1.7	1.7	6.5
12	15.1	24.4	18.6	83.5	17.755	15.6	0.0	0.0	0.0	2.3
13	15.0	22.0	17.9	84.4	17.112	15.0	0.0	9.6	9.6	0.9
14	14.5	24.0	18.4	80.6	16.765	14.7	0.0	0.0	0.0	4.4
15	15.0	26.1	19.9	79.2	18.007	15.8	0.0	0.0	0.0	7.9
16	16.4	26.0	20.3	80.3	18.866	16.5	0.4	0.1	0.5	5.9
17	16.4	26.7	21.6	74.2	18.681	16.4	0.0	0.3	0.3	5.5
18	16.1	27.1	20.1	77.8	18.056	15.9	0.0	8.0	8.0	5.7
19	16.3	26.2	20.3	76.9	17.799	15.6	0.0	24.4	24.4	4.0
20	16.3	25.0	18.5	87.5	18.747	16.5	22.9	0.0	22.9	1.0
21	13.7	26.2	19.7	81.7	18.205	15.9	0.0	0.0	0.0	5.8
22	16.6	23.1	18.7	87.9	19.053	16.7	2.2	0.1	2.3	0.3
23	15.8	20.8	16.0	94.3	17.118	15.1	0.6	1.0	1.6	4.7
24	14.1	25.4	19.9	78.8	17.706	15.6	0.0	0.0	0.0	8.0
25	15.3	24.0	18.5	88.4	18.725	16.4	3.4	0.0	3.4	2.3
26	14.7	28.1	20.6	76.9	17.711	15.5	0.0	0.0	0.0	9.6
27	14.6	29.3	20.6	73.7	17.000	14.9	0.0	0.0	0.0	7.8
28	16.1	28.0	20.3	74.8	17.328	15.2	0.0	0.0	0.0	7.4
PROM	15.3	25.6	19.3	80.6	17.749	15.6	70.6	45.2	115.8	145.3

ESTACION: MIGUEL VALENCIA
 ALTITUD: 1.570

MUNICIPIO: JARDIN
 LATITUD: 5-32 N.

ARO: 1.961
 LONGITUD: 75-51 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.4	30.2	21.2	71.0	16.846	14.8	0.0	0.0	0.0	9.9
2	15.0	27.3	19.3	83.0	18.460	16.2	17.5	0.0	17.5	3.4
3	15.4	26.3	19.9	80.8	18.319	16.1	0.0	0.0	0.0	3.6
4	14.1	27.0	20.2	78.0	17.642	15.5	0.0	1.3	1.3	6.6
5	16.3	25.8	20.0	80.8	18.630	16.4	4.2	15.7	19.9	1.7
6	15.1	26.4	18.9	83.2	17.925	15.8	0.0	0.0	0.0	4.3
7	16.1	23.3	18.7	85.4	18.341	16.0	2.5	10.2	12.7	2.2
8	16.1	22.1	18.4	90.8	19.162	16.8	11.9	0.0	11.9	0.6
9	16.2	24.7	19.4	85.8	19.316	17.0	0.1	28.8	28.9	2.0
10	17.0	25.3	20.0	83.7	19.279	16.9	1.9	0.0	1.9	3.4
11	17.0	25.1	20.5	82.8	19.604	17.2	0.0	0.0	0.0	3.3
12	16.1	25.3	19.6	85.6	19.433	17.0	4.9	0.2	5.1	0.7
13	13.0	23.6	18.7	86.0	18.085	15.8	0.3	0.0	0.3	0.7
14	15.1	24.1	19.1	86.2	18.974	16.6	6.2	13.5	19.7	1.0
15	14.1	25.2	19.2	84.5	18.205	15.9	0.0	0.0	0.0	5.5
16	14.3	25.4	18.9	81.3	17.276	15.1	0.0	0.0	0.0	6.9
17	16.0	27.3	19.3	82.7	18.539	16.3	0.8	1.6	2.4	7.7
18	15.6	26.5	19.7	82.7	18.675	16.4	0.0	0.3	0.3	6.3
19	15.7	27.0	20.6	76.7	18.093	15.8	0.0	6.1	6.1	8.3
20	14.4	26.4	20.4	76.9	17.835	15.7	0.0	0.0	0.0	7.1
21	14.8	27.1	19.7	75.1	16.809	14.8	0.0	1.3	1.3	9.9
22	16.4	26.7	20.1	81.1	18.703	16.4	0.1	5.5	5.6	5.8
23	15.3	25.6	19.4	79.0	17.543	15.4	0.0	0.6	0.6	5.6
24	15.0	25.3	19.7	77.1	17.126	15.0	0.0	0.0	0.0	5.9
25	12.7	26.1	19.2	78.0	16.460	14.3	0.0	11.0	11.0	7.1
26	16.0	24.0	18.9	84.5	18.180	16.0	0.0	0.0	0.0	1.1
27	14.3	26.0	18.8	79.5	16.759	14.6	0.0	0.0	0.0	6.2
28	15.7	24.4	18.2	85.5	18.047	15.9	4.3	11.8	16.1	6.1
29	14.0	25.4	19.3	74.1	15.899	13.9	0.8	0.0	0.8	4.9
30	16.1	27.1	20.8	77.3	18.554	16.3	0.0	0.2	0.2	7.5
31	16.1	25.1	20.7	80.6	19.300	16.9	0.2	0.0	0.2	4.5
PROM.	15.3	25.7	19.6	81.3	18.130	15.9	55.7	108.1	163.8	149.8

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	14.3	27.1	20.3	74.6	17.148	15.0	0.0	0.0	0.0	8.3
2	15.1	24.1	20.0	85.5	19.822	17.4	0.0	0.0	0.0	0.7
3	16.1	24.2	19.4	84.4	18.992	16.7	2.4	0.0	2.4	3.4
4	16.7	23.1	17.9	95.8	19.812	17.3	5.6	5.0	10.6	3.7
5	15.4	21.1	18.0	90.8	18.419	16.2	1.6	1.0	2.6	0.3
6	14.5	25.8	19.8	79.3	17.539	15.2	0.0	5.9	5.9	4.0
7	16.1	24.3	19.2	80.4	17.352	15.0	0.0	2.9	2.9	2.3
8	16.0	24.3	19.1	82.7	18.011	15.8	1.2	0.0	1.2	4.5
9	14.5	25.0	19.8	85.6	19.290	16.9	0.2	0.0	0.2	2.6
10	14.4	25.3	20.3	83.4	19.445	17.0	0.0	0.0	0.0	5.4
11	14.7	24.1	19.8	84.7	19.146	16.8	0.0	0.2	0.2	1.1
12	15.0	22.1	17.7	97.8	19.967	17.5	0.0	0.0	0.0	0.0
13	13.4	26.3	19.5	80.8	17.785	15.5	5.8	0.7	6.5	5.6
14	14.7	25.0	19.0	83.4	18.156	15.9	0.8	0.0	0.8	2.2
15	16.3	25.8	19.3	85.0	19.094	16.8	0.4	10.8	11.2	1.6
16	15.0	24.3	18.8	88.7	19.165	16.8	2.2	0.0	2.2	4.3
17	15.3	26.3	19.8	80.4	18.410	16.2	0.1	0.8	0.9	0.0
18	16.4	24.9	19.2	84.1	18.595	16.3	7.8	2.3	10.1	2.5
19	15.6	18.8	16.8	98.2	18.919	16.6	14.2	0.0	14.2	0.0
20	14.1	24.1	18.0	85.1	17.454	15.4	0.0	0.0	0.0	3.8
21	13.0	27.3	20.0	78.4	17.853	15.7	0.0	9.9	9.9	8.7
22	17.0	25.0	19.4	84.4	19.017	16.7	8.5	0.0	8.5	4.2
23	15.1	27.1	20.4	78.7	18.173	15.9	0.0	38.0	38.0	4.6
24	16.3	23.7	19.2	89.7	19.903	17.4	0.4	0.6	1.0	1.8
25	15.7	26.1	20.1	83.4	19.295	16.9	0.7	0.0	0.7	7.9
26	16.4	25.3	20.2	82.7	19.244	16.8	0.0	5.0	5.0	2.0
27	17.1	21.0	18.2	95.2	20.313	17.7	9.1	0.8	9.9	0.0
28	16.0	24.6	19.6	84.0	18.681	16.4	0.0	3.1	3.1	2.0
29	16.6	24.4	19.5	85.2	19.143	16.8	4.4	0.0	4.4	0.0
30	15.0	26.1	19.4	81.8	18.054	15.9	0.0	10.0	10.0	6.2
PROM.	15.4	24.6	19.3	85.1	18.740	16.4	65.4	97.0	162.4	93.7

ESTACION: MIGUEL VALENCIA

MUNICIPIO: JARDIN

AÑO: 1.981

ALTITUD: 1.570

LATITUD: 5-32 N.

LONGITUD: 75-51 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	24.3	17.7	91.7	18.715	16.5	8.4	1.1	9.5	6.2
2	16.0	25.1	19.7	83.1	18.663	16.3	0.6	0.0	0.6	0.0
3	15.4	23.1	19.5	78.8	17.336	15.3	3.9	16.1	20.0	1.6
4	15.1	25.1	18.4	83.8	17.433	15.3	0.0	13.0	13.0	1.8
5	15.4	24.0	18.4	90.7	19.179	16.8	8.0	10.0	18.0	1.8
6	15.3	24.1	18.3	88.0	18.537	16.3	0.0	0.0	0.0	3.3
7	13.7	27.1	19.6	78.4	17.523	15.3	0.0	7.3	7.3	7.4
8	16.1	23.3	18.8	84.0	18.097	15.9	0.0	1.2	1.2	1.4
9	14.7	22.0	18.1	88.2	18.078	15.9	3.0	0.0	3.0	2.0
10	14.1	24.0	17.9	85.8	17.527	15.4	14.0	3.0	17.0	5.4
11	14.5	23.1	17.9	90.8	18.438	16.2	1.3	2.3	3.6	0.0
12	15.3	25.1	19.1	85.1	18.575	16.3	0.1	0.0	0.1	5.7
13	15.3	27.3	22.1	73.3	18.709	16.4	0.0	2.2	2.2	6.4
14	16.7	24.4	18.3	90.9	19.362	17.0	0.2	0.0	0.2	4.1
15	14.6	27.1	20.9	77.8	18.640	16.3	0.0	23.9	23.9	6.7
16	16.4	23.0	18.8	88.8	19.208	16.8	0.0	0.0	0.0	0.7
17	14.9	26.0	19.2	83.0	18.180	16.0	5.2	0.1	5.3	2.8
18	16.4	26.4	18.0	94.6	19.289	16.9	0.0	0.0	0.0	0.0
19	13.3	26.3	18.9	83.5	17.789	15.5	4.4	0.0	4.4	7.8
20	14.7	27.7	21.5	79.1	19.598	17.1	0.0	0.0	0.0	10.3
21	15.4	24.7	18.9	94.1	20.681	18.0	8.7	0.3	9.0	2.0
22	15.7	26.4	19.5	83.8	18.817	16.5	0.9	1.3	2.2	7.1
23	16.4	24.2	19.2	85.4	19.003	16.7	9.7	0.0	9.7	4.5
24	16.0	25.1	19.9	87.0	20.138	17.6	2.3	32.0	34.3	0.0
25	15.6	24.2	19.7	84.3	19.090	16.7	0.0	10.4	10.4	2.9
26	16.0	24.6	19.4	84.2	18.817	16.5	2.5	5.2	7.7	2.8
27	16.0	22.4	18.6	87.0	18.746	16.5	0.0	0.6	0.6	0.1
28	14.4	23.7	19.7	90.5	20.399	17.8	9.3	6.9	16.2	4.8
29	16.1	23.3	18.0	92.2	19.260	16.9	4.5	20.2	24.7	3.5
30	16.1	23.2	18.6	90.3	19.370	17.0	1.3	4.3	5.6	1.9
31	16.1	26.1	19.4	85.6	19.295	16.9	3.2	9.4	12.6	3.9
PROM.	15.4	24.5	19.1	85.9	18.790	16.5	91.5	170.8	262.3	108.9

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	25.4	19.1	83.9	18.278	16.1	7.3	0.9	8.2	6.5
2	15.6	25.1	19.1	83.5	18.163	15.9	0.4	0.0	0.4	0.0
3	13.3	26.3	18.7	82.4	17.473	15.4	0.0	0.0	0.0	9.3
4	14.4	28.0	21.3	78.0	19.189	16.8	0.0	0.0	0.0	10.2
5	16.0	27.0	20.4	81.1	19.226	16.9	1.3	0.0	1.3	6.9
6	15.4	24.1	19.7	87.5	19.966	17.5	0.7	0.0	0.7	3.2
7	16.0	24.4	19.4	85.9	19.104	16.8	0.5	39.1	39.8	0.9
8	15.6	23.3	19.2	86.5	19.134	16.8	0.8	5.8	6.6	2.1
9	16.0	22.0	18.4	88.8	18.874	16.6	6.2	0.0	6.2	7.2
10	13.7	24.4	18.7	84.8	18.095	15.9	0.0	2.4	2.4	0.0
11	16.1	24.1	19.1	85.4	18.876	16.6	1.0	4.3	5.3	1.7
12	15.1	23.3	18.3	90.1	19.266	16.9	5.0	2.7	7.7	2.3
13	15.3	23.2	18.1	88.6	18.565	16.3	8.7	0.9	9.6	2.5
14	15.0	25.1	18.7	85.5	18.489	16.3	0.0	0.0	0.0	6.5
15	14.6	26.0	18.5	84.5	18.281	16.1	19.0	8.5	27.5	6.2
16	13.8	25.1	18.1	84.4	17.388	15.3	0.5	1.3	1.8	0.0
17	14.8	26.0	19.7	66.8	14.672	12.6	0.0	0.0	0.0	8.1
18	14.0	22.1	17.3	91.5	18.333	16.1	13.3	0.6	13.9	8.8
19	13.8	24.5	18.4	80.0	16.402	14.3	0.0	0.0	0.0	0.0
20	16.3	27.1	19.3	83.5	18.476	16.2	0.4	0.4	0.8	8.1
21	14.3	26.2	18.9	80.8	17.514	15.4	4.0	0.0	4.0	7.0
22	15.4	25.1	18.9	85.2	18.772	16.5	2.3	1.8	4.1	5.0
23	14.9	23.0	17.1	91.7	18.133	15.9	2.5	1.6	4.1	1.7
24	14.1	24.1	17.7	84.8	17.199	15.1	8.3	0.9	9.2	2.1
25	14.6	24.1	18.2	86.7	17.954	15.8	0.3	0.0	0.3	2.5
26	14.7	26.0	20.0	78.6	17.787	15.6	0.0	0.0	0.0	6.2
27	14.8	26.1	19.1	81.7	18.013	15.8	8.9	0.0	8.9	7.2
28	14.8	25.0	19.2	80.0	18.045	15.9	0.2	0.5	0.7	6.2
29	16.3	21.1	18.6	84.7	18.415	16.0	5.5	18.7	24.2	0.9
30	14.0	23.0	17.9	84.0	16.898	14.8	1.0	11.0	12.0	2.2
PROM.	14.9	24.7	18.8	84.0	18.166	15.9	98.1	158.3	256.4	131.5

ESTACION: MIGUEL VALENCIA

MUNICIPIO: JARDIN

AÑO: 1981

ALTITUD: 1.570

LATITUD: 5-32 N.

LONGITUD: 75-51 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.2	26.0	19.4	76.9	17.095	15.0	0.0	0.0	0.0	6.1
2	14.8	26.3	20.5	83.0	19.585	17.1	0.0	0.0	0.0	6.7
3	15.5	24.8	18.2	79.6	16.606	14.6	0.0	0.0	0.0	6.4
4	14.3	24.0	18.9	80.3	17.203	15.1	1.6	3.4	5.0	4.5
5	16.0	25.1	19.1	81.0	17.655	15.5	2.4	8.0	10.4	8.4
6	15.4	25.0	19.3	79.3	17.541	15.4	3.1	1.8	4.9	0.0
7	16.0	27.1	20.3	78.5	18.331	16.1	0.0	0.0	0.0	9.8
8	16.4	27.1	20.3	76.1	17.590	15.4	0.0	19.3	19.3	9.3
9	15.4	23.1	18.1	87.7	18.231	16.0	10.1	14.9	25.0	2.9
10	15.7	23.0	18.5	84.9	17.915	15.7	8.7	1.1	9.8	4.4
11	15.7	26.1	19.8	79.5	18.151	16.0	3.4	0.2	3.6	2.1
12	16.3	25.4	19.4	81.6	18.310	16.1	0.0	0.0	0.0	7.3
13	13.9	25.1	18.8	82.1	17.522	15.4	0.0	0.0	0.0	5.3
14	14.1	25.1	18.8	81.2	17.290	15.2	0.6	10.9	11.5	6.1
15	14.6	25.0	19.8	80.8	18.267	16.1	0.1	1.3	1.4	6.2
16	15.0	25.1	17.2	85.8	16.956	14.9	18.8	10.1	28.9	5.6
17	14.8	23.1	17.6	87.8	17.647	15.5	0.0	0.0	0.0	1.0
18	15.0	23.6	18.1	81.1	16.510	14.4	0.0	3.4	3.4	7.6
19	16.4	26.2	20.1	81.2	18.639	16.3	0.3	0.0	0.3	5.1
20	16.7	24.0	19.0	85.4	18.834	16.5	1.6	0.0	1.6	3.4
21	14.1	24.0	18.9	80.0	16.935	14.8	0.3	0.0	0.3	6.0
22	13.1	25.8	19.4	78.9	17.530	15.4	0.0	0.0	0.0	8.3
23	14.1	27.0	20.0	75.1	17.065	15.0	0.0	0.0	0.0	9.3
24	13.4	26.2	18.0	78.6	15.811	13.8	0.0	0.0	0.0	9.6
25	11.8	27.3	19.5	73.7	15.467	13.3	0.0	0.0	0.0	9.1
26	13.0	26.8	19.0	69.9	15.237	13.3	0.0	0.0	0.0	8.7
27	12.8	27.1	19.7	69.2	15.010	13.0	0.0	0.0	0.0	9.5
28	12.8	28.0	18.7	77.2	15.669	13.4	0.9	0.0	0.9	8.0
29	14.0	25.0	19.8	76.0	16.878	14.7	0.1	0.0	0.1	8.1
30	12.7	27.1	19.0	76.2	16.152	14.1	6.6	0.0	6.6	8.6
31	13.8	26.1	18.7	79.1	16.596	14.5	0.6	0.0	0.6	8.5
PROM.	14.5	25.5	19.1	79.6	17.233	15.1	59.2	74.4	133.6	201.9

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	14.1	27.1	19.5	78.2	17.145	15.1	0.0	0.0	0.0	8.3
2	14.6	27.1	19.4	75.5	16.418	14.3	2.5	0.0	2.5	5.0
3	14.8	24.1	18.9	85.8	18.714	16.5	0.2	0.0	0.2	2.4
4	14.4	27.2	19.4	78.3	16.923	14.6	0.0	0.0	0.0	7.9
5	14.8	28.1	20.6	79.7	18.544	16.2	1.4	0.0	1.4	8.3
6	16.6	28.1	21.1	78.2	18.818	16.4	0.0	16.7	16.7	5.7
7	15.8	25.0	19.1	84.8	18.568	16.3	1.4	1.5	2.9	4.9
8	16.8	27.1	20.8	76.8	18.162	15.9	0.0	5.6	5.6	7.4
9	15.3	26.1	18.6	82.2	17.489	15.4	5.8	0.0	5.8	4.3
10	13.7	26.0	18.8	78.5	16.679	14.6	7.1	0.0	7.1	7.9
11	14.8	26.1	19.3	79.2	17.267	15.1	0.3	10.9	11.2	5.2
12	16.4	24.3	19.0	87.3	19.126	16.8	2.8	6.8	9.6	0.0
13	15.8	24.1	18.8	85.2	18.307	16.1	3.2	0.0	3.2	2.7
14	15.6	25.0	19.2	83.7	18.322	16.1	0.0	0.0	0.0	2.6
15	13.6	27.1	19.8	82.8	18.700	16.4	0.8	3.1	3.9	9.3
16	15.4	27.1	20.0	82.3	18.878	16.6	0.0	9.7	9.7	9.3
17	14.4	23.1	18.0	88.5	18.142	15.9	0.3	0.5	0.8	3.7
18	15.1	25.1	18.7	84.9	18.233	16.0	2.5	2.0	4.5	5.7
19	15.8	25.1	19.6	81.5	18.423	16.2	0.0	0.0	0.0	5.6
20	14.1	26.1	19.3	82.3	18.019	15.8	1.5	4.2	5.7	7.5
21	14.8	25.4	19.8	75.2	16.669	14.5	0.0	11.9	11.9	7.5
22	14.8	24.1	18.6	83.0	17.463	15.3	21.5	1.0	22.5	6.1
23	14.1	22.0	17.3	85.5	16.871	14.8	0.3	0.0	0.3	1.4
24	12.8	25.0	18.3	79.5	15.955	13.8	0.0	8.1	8.1	7.2
25	14.8	24.0	18.1	86.4	17.874	15.7	5.9	5.1	11.0	6.0
26	14.6	25.0	18.2	80.1	16.384	14.2	0.7	0.0	0.7	6.9
27	13.4	26.6	19.0	81.1	17.287	15.2	0.0	0.0	0.0	9.6
28	13.7	25.6	20.6	69.2	15.933	13.8	0.0	8.7	8.7	9.2
29	13.6	26.0	19.4	75.5	16.393	14.4	0.0	7.0	7.0	9.7
30	15.0	22.1	17.0	90.7	17.778	15.7	8.0	0.4	8.4	2.6
31	15.6	25.0	18.8	81.1	17.440	15.3	0.7	11.0	11.7	3.2
PROM.	14.8	25.5	19.1	81.4	17.643	15.5	66.9	114.2	181.1	183.1

ESTACION: MIGUEL VALENCIA

MUNICIPIO: JARDIN

AÑO:

1.981

ALTITUD: 1.570

LATITUD: 5-32 N.

LONGITUD: 75-51 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.3	21.7	17.8	82.4	17.048	15.0	0.4	10.1	10.5	0.1
2	15.0	25.1	18.6	79.2	16.510	14.3	1.7	0.1	1.8	0.8
3	13.6	25.0	18.6	78.7	16.518	14.5	0.1	3.7	3.8	3.9
4	14.6	24.1	18.1	85.5	17.685	15.6	23.6	0.6	24.2	3.0
5	13.4	23.0	17.4	85.2	16.905	14.9	0.8	20.0	20.8	2.8
6	14.8	23.3	17.8	87.7	17.823	15.7	2.5	0.0	2.5	5.2
7	14.5	24.1	17.3	83.5	16.620	14.6	1.7	0.4	2.1	2.8
8	13.7	24.1	18.0	85.1	17.371	15.3	1.8	20.3	22.1	5.0
9	12.2	25.0	17.9	82.6	16.467	14.4	2.0	3.0	5.0	8.6
10	13.7	23.7	17.8	92.8	18.766	16.5	6.7	28.4	35.1	7.5
11	14.0	23.3	17.0	83.0	16.071	14.1	1.8	0.6	2.4	4.0
12	13.1	24.1	17.5	86.2	17.188	15.1	10.9	30.7	41.6	6.0
13	13.0	24.0	17.5	90.3	18.435	16.2	2.6	0.0	2.6	4.8
14	13.7	25.1	17.8	93.5	19.222	16.8	2.7	16.0	18.7	7.1
15	14.1	24.1	18.6	83.6	17.637	15.5	0.0	0.0	0.0	3.8
16	14.4	25.0	16.1	94.7	17.807	15.6	13.4	0.0	13.4	4.2
17	13.6	26.3	18.4	82.8	17.234	15.1	0.0	0.0	0.0	5.9
18	14.2	27.1	19.8	79.1	17.707	15.5	0.0	1.4	1.4	10.0
19	15.4	23.1	16.4	96.9	18.406	16.2	8.6	0.0	8.6	2.3
20	14.3	27.0	20.6	81.0	18.793	16.3	0.0	0.0	0.0	5.2
21	14.4	26.2	18.7	81.0	17.407	15.3	1.6	0.0	1.6	4.4
22	13.2	25.1	18.7	76.0	16.346	14.3	0.0	0.0	0.0	3.3
23	12.8	28.0	19.1	78.1	16.281	14.0	0.0	0.0	0.0	9.2
24	14.4	28.0	21.3	71.7	17.457	15.2	0.0	0.0	0.0	7.7
25	14.8	27.2	20.3	75.1	17.193	14.9	0.0	0.0	0.0	6.7
26	14.4	26.1	18.9	80.2	17.206	15.1	0.0	0.0	0.0	7.0
27	14.8	25.0	19.0	83.9	18.323	16.2	5.4	0.0	5.4	4.2
28	14.1	25.1	18.8	92.3	19.501	17.0	7.7	0.3	8.0	5.0
29	14.6	24.2	18.9	83.7	17.595	15.4	6.7	0.0	6.7	5.1
30	15.8	26.5	19.5	77.9	17.465	15.3	0.0	1.0	1.0	7.3
PROM.	14.1	25.0	18.4	83.8	17.506	15.3	102.7	136.6	239.3	149.9

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.1	24.1	18.9	84.9	18.559	16.3	0.0	0.0	0.0	0.3
2	14.4	26.0	19.0	77.5	16.558	14.5	0.0	0.3	0.3	6.9
3	14.5	22.2	17.4	89.7	17.895	15.8	3.8	4.4	8.2	1.4
4	14.6	24.1	18.7	82.2	17.377	15.2	1.9	2.8	4.7	4.7
5	13.6	26.3	18.9	80.7	17.095	15.0	0.0	5.7	5.7	8.2
6	14.4	25.7	18.4	82.4	17.392	15.3	4.3	0.0	4.3	6.6
7	14.4	26.1	19.3	78.5	17.198	15.1	0.0	10.5	10.5	5.2
8	14.0	23.7	18.2	88.5	18.203	16.0	0.3	5.3	5.6	2.7
9	15.3	24.5	19.3	84.5	18.716	16.5	2.1	4.0	6.1	6.0
10	16.4	24.0	17.8	86.1	17.675	15.5	11.6	3.6	15.2	3.0
11	14.6	23.0	18.7	87.5	18.443	16.1	4.6	0.0	4.6	1.4
12	15.0	21.0	17.6	94.0	19.030	16.7	1.1	0.2	1.3	6.0
13	13.0	26.1	18.9	79.8	16.854	14.7	3.3	0.1	3.4	3.0
14	14.4	26.6	18.6	82.0	17.192	15.1	3.9	24.5	28.4	6.7
15	14.4	25.1	18.4	83.7	17.439	15.3	1.1	0.3	1.4	3.6
16	15.6	23.1	18.0	86.2	17.853	15.7	0.9	0.0	0.9	2.0
17	15.4	26.1	19.1	81.9	18.080	15.9	0.8	7.3	8.1	6.0
18	15.3	27.0	19.0	78.9	16.909	14.8	0.0	19.8	19.8	5.8
19	15.7	25.6	19.3	79.4	17.408	15.2	3.1	0.0	3.1	2.8
20	14.1	27.6	18.5	77.6	17.669	15.6	0.0	3.3	3.3	6.2
21	15.3	27.1	20.4	79.4	18.660	16.3	0.0	0.0	0.0	4.9
22	15.4	23.2	18.0	94.6	19.551	17.1	5.9	0.0	5.9	1.5
23	16.2	24.1	19.7	81.2	18.107	16.0	0.3	18.8	19.1	1.4
24	15.6	22.1	17.7	90.3	18.451	16.2	3.8	0.0	3.8	0.5
25	12.8	26.1	19.9	81.4	18.064	15.6	0.1	0.5	0.6	4.3
26	15.4	27.0	19.8	81.7	18.619	16.3	0.0	12.4	12.4	5.8
27	13.3	23.1	17.4	86.7	17.106	15.0	1.8	0.0	1.8	2.8
28	14.8	23.3	18.2	88.8	18.568	16.3	0.4	4.9	5.3	7.5
29	14.2	25.8	18.9	80.4	16.922	14.8	0.0	4.2	4.2	2.2
30	16.3	22.2	18.0	85.6	17.563	15.4	7.8	0.0	7.8	0.0
31	13.3	24.0	18.0	85.3	17.330	15.2	0.0	0.0	0.0	0.0
PROM.	14.8	24.7	18.7	83.9	17.822	15.6	62.9	132.9	195.8	119.4

ESTACION: MIGUEL VALENCIA

MUNICIPIO: JARDIN

AÑO: 1.981

ALTITUD: 1.570

LATITUD: 5-32 N.

LONGITUD: 75-51 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.1	24.6	18.8	78.2	16.593	14.5	0.4	0.5	0.9	5.5
2	14.4	23.0	17.1	86.7	17.084	15.0	0.6	0.0	0.6	2.0
3	12.4	26.2	18.7	77.1	15.901	13.8	0.0	6.7	6.7	8.1
4	16.1	27.0	19.9	79.4	18.373	16.2	1.3	6.8	8.1	5.1
5	15.4	25.4	19.4	76.8	16.821	14.7	0.0	0.0	0.0	8.9
6	16.1	27.2	21.0	77.0	18.709	16.4	0.0	3.4	3.4	7.3
7	17.1	27.0	20.7	81.2	19.489	17.0	0.0	15.4	15.4	4.3
8	13.4	25.4	18.3	84.1	17.539	15.4	0.6	20.9	21.5	6.8
9	15.4	25.3	18.9	81.4	17.436	15.3	0.0	6.5	6.5	6.7
10	16.3	26.0	19.0	80.0	17.305	15.1	0.0	0.0	0.0	6.0
11	15.4	26.0	19.1	77.8	17.155	15.1	0.0	8.6	8.6	8.4
12	16.3	22.2	18.7	86.2	18.393	16.1	1.1	5.5	6.6	0.9
13	13.6	23.0	17.7	86.7	17.214	15.0	1.2	3.4	4.6	2.9
14	15.1	24.3	18.3	84.1	17.692	15.6	1.5	0.0	1.5	1.1
15	14.2	26.3	19.7	82.3	18.590	16.3	0.0	11.3	11.3	8.6
16	15.0	26.0	18.2	83.6	17.763	15.6	14.3	0.0	14.3	4.4
17	14.2	23.3	18.7	84.5	18.055	15.8	0.8	0.0	0.8	8.9
18	15.6	26.1	18.8	81.6	17.454	15.3	0.0	0.8	0.8	1.5
19	15.1	25.0	19.0	85.5	18.767	16.5	0.4	26.1	26.5	8.1
20	15.1	20.3	17.6	93.5	18.999	16.7	0.0	0.0	0.0	0.9
21	15.0	22.5	17.1	97.4	19.331	16.9	10.1	0.9	11.0	2.4
22	14.0	24.0	18.0	87.4	18.010	15.8	0.0	0.0	0.0	2.8
23	13.5	25.1	18.8	85.9	18.393	16.2	1.1	3.2	4.3	3.5
24	15.1	25.0	18.2	87.9	18.470	16.3	2.3	0.0	2.3	6.3
25	15.0	25.0	18.3	87.5	18.868	16.5	0.0	0.0	0.0	4.7
26	15.0	27.0	20.0	82.2	18.723	16.4	0.0	0.0	0.0	4.1
27	16.1	26.0	18.9	85.9	18.821	16.5	0.1	0.6	0.7	4.3
28	15.0	26.0	18.0	81.8	16.688	14.6	12.6	33.7	46.3	4.4
29	15.1	24.0	17.4	90.8	18.305	16.1	2.0	0.0	2.0	0.1
30	15.1	25.0	17.1	90.5	17.776	15.6	0.3	0.0	0.3	4.6
PROM.	15.0	25.0	18.6	84.2	17.957	15.7	50.7	154.3	205.0	143.6

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	15.1	24.5	17.9	85.7	17.851	15.7	0.0	4.5	4.5	2.9
2	14.1	25.1	18.8	83.9	17.908	15.7	0.0	0.0	0.0	6.8
3	13.1	26.3	19.3	79.9	17.040	14.8	0.0	0.0	0.0	7.8
4	15.0	26.5	19.1	83.6	18.382	16.2	0.0	0.0	0.0	6.0
5	15.0	26.5	19.1	84.2	18.695	16.4	2.9	1.2	4.1	3.5
6	14.1	23.6	19.2	82.8	18.186	15.9	1.1	0.0	1.1	3.5
7	14.5	25.1	18.2	86.1	18.172	16.0	5.1	0.0	5.1	5.1
8	15.1	27.0	18.2	84.6	17.732	15.6	0.0	0.0	0.0	5.7
9	15.0	25.6	18.9	86.1	18.864	16.6	5.1	6.6	11.7	2.6
10	15.0	22.0	17.5	90.8	18.114	15.9	0.0	0.0	0.0	0.0
11	14.3	22.8	17.8	88.9	18.352	16.1	5.7	3.7	9.4	2.7
12	15.0	26.1	20.1	81.5	18.652	16.3	0.0	0.0	0.0	6.7
13	16.6	26.6	20.0	84.3	19.546	17.1	0.0	19.7	19.7	6.7
14	14.6	26.5	18.7	84.2	17.914	15.7	0.0	0.3	0.3	7.8
15	15.3	26.3	19.7	81.9	18.267	16.0	0.0	3.9	3.9	7.8
16	14.1	26.5	18.8	82.2	17.548	15.4	0.0	0.4	0.4	7.6
17	14.0	27.5	19.7	81.6	18.823	16.5	0.0	0.0	0.0	7.6
18	15.0	24.8	19.0	87.9	19.454	17.1	0.0	0.0	0.0	0.8
19	15.0	25.5	18.6	83.9	17.689	15.5	0.2	0.0	0.2	4.0
20	15.6	24.5	18.6	87.3	18.632	16.4	0.0	0.0	0.0	1.3
21	15.4	23.1	18.2	88.7	18.534	16.3	0.0	5.6	5.6	1.9
22	13.1	26.0	18.6	80.7	16.553	14.4	0.1	1.5	1.6	5.1
23	15.4	26.1	19.8	82.4	18.859	16.5	0.0	0.0	0.0	6.0
24	16.3	27.1	20.2	80.9	18.626	16.3	0.0	0.0	0.0	4.1
25	16.5	21.3	18.2	93.4	19.489	17.1	0.0	0.0	0.0	0.0
26	14.4	26.3	19.3	84.2	18.460	16.2	0.3	0.1	0.4	5.3
27	17.0	26.4	19.4	82.0	18.307	16.0	0.0	0.0	0.0	8.0
28	16.6	27.5	21.7	73.0	18.133	15.9	0.0	0.0	0.0	6.8
29	16.5	18.8	17.8	97.5	19.974	17.5	0.1	0.0	0.1	0.0
30	13.1	25.1	18.9	79.2	16.736	14.7	0.0	28.9	28.9	4.4
31	14.4	24.3	19.2	82.5	18.042	15.9	0.0	2.2	2.2	2.9
PROM	15.0	25.2	19.0	84.4	18.308	16.1	20.6	78.6	99.2	141.4

ESTACION: MIGUEL VALENCIA

MUNICIPIO JARDIN

AÑO: 1.981

ALTITUD: 1.570

LATITUD: 5-32 N.

LONGITUD: 75-51 W.

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	14.3	25.7	18.6	12.0	27.5	78.7	16.508	14.4	19.0	7	
FEBRERO	15.3	25.6	19.3	13.7	29.3	80.6	17.749	15.6	115.8	17	145.3
MARZO	15.3	25.7	19.6	12.7	30.2	81.3	18.130	15.9	163.8	21	149.8
ABRIL	15.4	24.6	19.3	13.0	27.3	85.1	18.740	16.4	162.4	25	93.7
MAYO	15.4	24.5	19.1	13.3	27.7	85.9	18.790	16.5	262.3	27	108.9
JUNIO	14.9	24.7	18.8	13.3	28.0	84.0	18.166	15.9	256.4	25	131.5
JULIO	14.5	25.5	19.1	11.8	28.0	79.6	17.233	15.1	133.6	18	201.9
AGOSTO	14.8	25.5	19.1	12.8	28.1	81.4	17.643	15.5	181.1	26	183.1
SEPTIEMBRE	14.1	25.0	18.4	12.2	28.0	83.8	17.506	15.3	239.3	22	149.9
OCTUBRE	14.8	24.7	18.7	12.8	27.6	83.9	17.822	15.6	195.8	28	119.4
NOVIEMBRE	15.0	25.0	18.6	12.4	27.2	84.2	17.957	15.7	205.0	24	143.6
NOVIEMBRE	15.0	25.2	19.0	13.1	27.5	84.4	18.308	16.1	99.2	17	141.4
PROMEDIO	14.9	25.1	19.0	12.8	28.0	82.7	17.879	15.7			
TOTAL									2033.7	257	

ESTACION: BERTHA
 ALTITUD: 1.700

MUNICIPIO: MONIQUIRA
 LATITUD: 5-52 N.

AÑO: 1.981
 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	14.5	24.4	18.5	82.9	17.680	15.5	2.6	1.4	4.0	
2	12.6	25.6	19.1	73.8	15.447	13.3	0.0	0.0	0.0	
3	13.6	26.5	19.1	74.1	15.399	13.2	0.0	0.0	0.0	
4	8.5	27.0	19.3	69.8	14.030	11.7	0.0	0.0	0.0	
5	13.0	26.5	19.0	72.4	14.677	12.4	0.0	0.0	0.0	
6	11.8	26.0	18.8	76.3	15.728	13.6	0.0	0.0	0.0	
7	12.5	27.5	19.3	74.1	15.376	13.1	0.0	0.0	0.0	
8	15.5	27.9	20.4	70.8	16.166	14.0	0.0	0.0	0.0	
9	13.5	27.0	19.7	72.6	15.655	13.6	0.0	0.0	0.0	
10	9.0	27.3	18.5	68.3	12.701	9.7	0.0	1.5	1.5	
11	13.8	27.0	19.5	71.9	15.463	13.4	0.0	0.0	0.0	
12	13.6	25.7	17.9	78.0	14.943	12.8	0.0	0.0	0.0	
13	12.5	23.2	17.5	78.0	15.180	13.2	0.0	0.0	0.0	
14	14.5	25.0	19.2	72.9	15.517	13.4	0.0	0.0	0.0	
15	10.0	26.0	17.1	71.7	12.671	10.1	0.0	0.0	0.0	
16	12.0	25.7	18.8	67.6	13.503	11.4	0.0	0.0	0.0	
17	10.5	26.1	19.1	70.7	14.152	11.9	0.0	0.0	0.0	
18	11.6	26.4	18.4	72.7	14.315	12.2	0.0	0.0	0.0	
19	12.0	26.1	18.2	70.9	13.645	11.3	0.0	0.0	0.0	
20	11.5	25.5	18.6	63.6	12.287	9.9	0.0	0.0	0.0	
21	14.5	25.9	19.0	67.4	13.565	10.8	0.0	0.0	0.0	
22	10.4	25.5	18.2	66.2	12.325	9.8	0.0	0.2	0.2	
23	12.5	26.0	18.6	71.1	14.187	12.0	0.0	0.0	0.0	
24	13.5	25.3	19.4	70.1	14.765	12.6	0.0	0.0	0.0	
25	11.5	26.3	18.2	71.5	13.819	11.7	0.0	0.0	0.0	
26	10.7	24.8	18.2	69.8	13.543	11.4	0.0	0.0	0.0	
27	12.4	27.5	20.0	69.0	15.202	13.1	0.3	0.0	0.3	
28	14.6	27.0	20.2	69.4	15.331	13.3	0.0	4.0	4.0	
29	15.4	24.6	19.0	76.1	16.275	14.2	0.0	0.4	0.4	
30	13.6	27.2	18.7	79.1	16.166	14.0	10.0	12.5	22.5	
31	15.0	25.9	20.1	70.8	15.994	14.0	0.0	0.0	0.0	
PROM.	12.6	26.1	18.9	72.0	14.700	12.5	12.9	20.0	32.9	

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.3	27.6	20.2	73.2	16.853	14.8	0.0	0.0	0.0	
2	12.0	27.0	20.0	66.5	14.126	11.8	0.0	10.0	10.0	
3	14.6	25.8	19.4	69.6	14.593	12.1	0.0	0.0	0.0	
4	14.7	26.0	20.2	70.8	15.986	13.9	0.0	0.0	0.0	
5	13.6	25.9	19.3	69.6	14.811	12.8	0.0	0.0	0.0	
6	12.7	27.0	19.4	72.5	15.448	13.4	0.0	3.0	3.0	
7	14.5	28.0	19.8	70.5	15.079	12.7	0.0	8.0	8.0	
8	12.6	26.0	19.1	71.9	15.175	13.2	0.0	0.1	0.1	
9	15.6	26.0	19.6	77.0	17.004	14.9	0.0	29.0	29.0	
10	15.2	26.0	20.7	72.6	16.947	14.8	0.0	0.6	0.6	
11	14.0	26.4	20.1	70.9	15.844	13.8	0.0	0.4	0.4	
12	14.2	26.4	19.6	75.6	16.587	14.5	0.0	0.0	0.0	
13	14.0	25.0	19.4	77.1	16.709	14.5	0.0	0.0	0.0	
14	14.3	26.8	19.7	74.7	16.571	14.5	0.0	0.0	0.0	
15	14.4	27.2	20.7	69.0	15.943	13.7	0.0	0.0	0.0	
16	15.4	26.3	18.6	78.9	16.738	14.6	0.0	4.1	4.1	
17	11.3	26.8	19.6	72.9	15.415	13.2	0.0	0.0	0.0	
18	12.6	27.5	20.1	69.2	15.030	12.9	0.0	5.8	5.8	
19	15.8	26.2	19.9	69.2	15.294	13.2	0.0	6.0	6.0	
20	15.6	26.0	19.7	68.4	15.067	12.9	0.0	22.0	22.0	
21	15.0	26.0	20.4	74.2	17.022	14.9	0.0	5.9	5.9	
22	15.2	26.6	21.4	68.0	16.264	14.3	0.0	20.0	20.0	
23	15.6	27.7	19.1	76.1	16.395	14.3	0.0	5.2	5.2	
24	12.5	26.3	20.1	63.7	14.087	11.9	4.0	0.0	4.0	
25	12.6	26.0	19.6	70.9	15.280	13.3	0.0	4.0	4.0	
26	13.5	27.6	19.3	79.6	17.524	15.4	0.0	0.0	0.0	
27	14.6	25.2	19.4	78.3	16.959	14.8	0.0	5.0	5.0	
28	16.8	24.0	19.5	80.6	18.143	15.9	0.0	0.0	0.0	
PROM.	14.2	26.4	19.8	72.6	15.961	13.8	4.0	129.1	133.1	

ESTACION: BERTHA
 ALTITUD: 1.700

MUNICIPIO: MONQUIRA AÑO: 1.981
 LATITUD: 5-52 N. LONGITUD: 73-24 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	26.0	19.7	80.1	17.943	15.7	0.0	0.0	0.0	
2	15.3	21.0	17.4	84.8	16.670	14.6	0.0	15.0	15.0	
3	14.5	25.3	20.0	75.9	16.978	14.8	0.0	0.0	0.0	
4	16.5	24.0	19.2	87.9	19.671	17.2	0.0	0.0	0.0	
5	15.0	27.0	20.3	70.9	15.800	13.5	0.0	17.0	17.0	
6	13.6	27.3	19.5	75.2	16.118	13.9	0.0	0.0	0.0	
7	13.4	28.3	19.8	74.8	16.391	14.2	0.0	12.0	12.0	
8	13.2	28.2	21.6	69.7	16.582	14.5	0.4	0.0	0.4	
9	14.4	27.0	20.1	83.9	19.332	16.9	0.0	7.0	7.0	
10	16.0	26.1	20.1	72.7	16.532	14.3	0.0	0.0	0.0	
11	15.6	26.3	20.1	76.0	17.710	15.5	0.0	0.0	0.0	
12	15.6	26.4	20.3	76.1	17.606	15.4	0.0	0.0	0.0	
13	14.6	27.0	20.5	71.5	16.258	14.1	0.0	0.0	0.0	
14	15.2	25.2	20.0	78.7	18.198	16.0	0.0	0.0	0.0	
15	14.2	26.0	19.7	75.2	16.806	14.7	0.0	0.0	0.0	
16	13.9	25.8	18.8	77.8	16.396	14.4	0.0	0.0	0.0	
17	13.4	25.5	19.0	73.5	15.250	13.2	0.0	0.0	0.0	
18	13.6	25.0	18.3	74.9	15.412	13.4	0.0	0.0	0.0	
19	11.7	26.0	18.9	68.8	14.355	12.2	0.0	0.0	0.0	
20	14.0	26.0	19.5	69.6	14.999	13.0	0.0	0.0	0.0	
21	12.2	26.3	18.3	67.0	13.219	11.0	0.0	0.0	0.0	
22	14.0	26.0	19.6	68.6	14.679	12.6	0.0	0.0	0.0	
23	14.0	25.6	18.4	69.5	14.301	12.2	0.0	0.0	0.0	
24	12.4	25.0	17.8	75.8	14.670	12.6	0.0	0.0	0.0	
25	10.6	25.4	19.0	71.5	14.814	12.8	0.0	5.0	5.0	
26	15.0	26.7	19.2	76.0	16.603	14.5	0.0	5.0	5.0	
27	12.4	27.2	18.3	75.2	14.922	12.8	0.0	0.0	0.0	
28	11.4	28.0	21.1	66.3	14.930	12.4	0.0	0.0	0.0	
29	13.0	27.4	20.7	67.6	15.051	12.9	0.0	5.2	5.2	
30	12.6	27.5	20.4	66.4	14.394	12.2	0.0	0.0	0.0	
31	12.8	29.0	21.7	62.2	14.022	11.3	0.0	0.0	0.0	
PROM.	13.8	26.2	19.6	73.7	16.020	13.8	0.4	66.2	66.6	

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	10.6	28.0	19.3	73.5	15.017	12.6	0.0	0.0	0.0	
2	13.0	29.1	19.0	72.7	14.930	12.8	0.0	0.0	0.0	
3	16.2	28.0	20.3	74.3	17.219	15.1	0.0	0.0	0.0	
4	15.6	26.0	19.0	78.9	17.107	14.9	0.0	13.0	13.0	
5	15.0	23.3	17.2	85.0	17.167	15.1	0.0	10.0	10.0	
6	14.7	24.8	19.6	77.2	16.911	14.7	2.0	0.5	2.5	
7	15.0	28.0	20.6	77.9	18.051	13.7	0.0	25.0	25.0	
8	15.5	28.5	20.5	73.4	16.858	14.7	0.0	8.1	8.1	
9	14.9	25.0	20.1	73.3	17.030	15.0	0.0	0.0	0.0	
10	17.5	25.6	20.8	74.9	18.200	16.0	0.0	0.0	0.0	
11	13.8	26.2	21.1	75.2	18.664	16.3	0.2	0.4	0.6	
12	15.6	28.8	20.3	73.9	16.648	14.2	1.5	25.6	27.1	
13	14.5	25.3	20.0	76.7	17.245	15.0	0.0	8.0	8.0	
14	15.5	26.0	18.5	84.6	18.186	16.0	19.9	8.8	28.7	
15	15.6	24.4	18.3	82.2	17.351	13.3	2.2	0.0	2.2	
16	15.5	24.0	18.8	83.7	18.200	16.0	4.8	2.3	7.1	
17	15.6	28.0	20.2	75.4	17.911	15.8	0.0	5.3	5.3	
18	15.6	25.8	19.3	82.3	18.438	16.2	1.2	10.2	11.4	
19	16.5	19.6	17.5	87.4	17.586	15.5	8.6	0.2	8.8	
20	14.0	26.0	19.7	78.8	17.564	15.4	0.0	0.0	0.0	
21	13.6	27.0	19.8	77.9	17.399	15.3	0.0	0.3	0.3	
22	17.1	26.0	20.3	75.5	17.886	15.7	0.0	0.0	0.0	
23	16.5	26.8	20.4	76.1	17.683	15.3	7.1	0.0	7.1	
24	15.9	24.0	19.6	87.7	20.048	17.5	5.9	8.9	14.8	
25	14.8	26.0	20.6	80.9	19.255	16.9	0.0	0.0	0.0	
26	16.7	24.8	19.8	79.0	18.388	16.1	1.5	26.9	28.4	
27	16.6	25.0	18.9	81.6	17.912	15.7	28.2	32.8	61.0	
28	15.0	24.5	18.4	85.5	18.340	16.1	9.9	0.0	9.9	
29	15.6	26.0	18.7	79.1	16.776	14.7	1.1	1.0	2.1	
30	14.5	25.0	18.4	75.7	15.606	13.5	0.0	4.7	4.7	
PROM	15.2	25.9	19.5	78.7	17.519	15.3	94.1	192.0	286.1	

ESTACION: BERTHA

MUNICIPIO: MONQUIRA

AÑO:

1.981

ALTITUD: 1.700

LATITUD: 5-52 N.

LONGITUD: 73-24 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	22.0	18.2	89.1	18.327	16.1	12.9	0.2	13.1	
2	16.8	26.3	19.9	80.2	18.739	16.3	5.2	4.1	9.3	
3	15.5	24.5	19.4	79.6	17.913	15.7	2.4	0.0	2.4	
4	14.5	26.3	18.7	80.1	17.521	15.4	4.2	0.0	4.2	
5	15.5	24.8	18.8	82.9	17.855	15.7	2.7	34.3	37.0	
6	14.5	26.0	20.0	78.8	18.045	15.8	3.5	41.3	44.8	
7	15.4	24.0	18.8	85.7	18.365	16.1	3.8	13.1	16.9	
8	14.5	26.0	19.0	76.6	16.262	14.1	1.6	2.2	3.8	
9	16.0	20.0	16.9	85.3	16.474	14.4	14.4	1.1	15.5	
10	14.9	26.0	20.0	73.0	16.485	14.4	0.0	5.5	5.5	
11	15.9	25.5	19.3	79.5	17.889	15.7	3.7	0.4	4.1	
12	15.6	27.0	19.5	80.2	17.889	15.7	5.7	9.6	15.3	
13	15.5	26.3	20.0	79.0	18.037	15.8	0.6	24.3	24.9	
14	14.9	27.0	19.1	82.6	18.356	16.1	24.9	9.3	34.2	
15	15.6	26.5	20.2	81.9	18.984	16.6	2.2	25.0	27.2	
16	15.5	24.8	18.8	82.5	17.936	15.7	5.8	1.7	7.5	
17	15.6	26.0	18.2	89.1	18.902	16.6	7.1	0.0	7.1	
18	15.8	25.5	18.3	88.9	18.818	16.5	2.7	0.0	2.7	
19	13.6	27.0	19.3	82.3	18.377	16.2	0.0	0.0	0.0	
20	14.3	27.5	21.2	57.7	13.498	11.1	0.0	0.0	0.0	
21	15.5	26.5	19.9	69.7	16.200	14.1	30.2	5.9	36.1	
22	15.5	29.0	20.4	73.9	16.903	14.7	0.0	19.3	19.3	
23	15.6	25.6	19.7	77.4	17.290	14.9	3.6	2.5	6.1	
24	16.5	26.3	19.7	77.4	17.459	15.2	5.0	0.7	5.7	
25	16.8	25.0	19.9	82.4	19.118	16.7	1.1	5.1	6.2	
26	15.6	28.0	19.7	76.5	17.142	15.0	0.0	0.0	0.0	
27	14.5	25.6	18.9	82.3	17.899	15.7	14.4	0.3	14.7	
28	15.6	27.0	19.8	79.1	17.711	15.4	0.9	42.7	43.6	
29	14.7	26.0	19.7	77.6	17.362	15.1	1.5	2.3	3.8	
30	16.6	24.8	18.0	93.3	19.229	16.9	18.2	24.6	42.8	
31	15.1	25.5	19.9	78.9	17.834	15.6	0.6	2.0	2.6	
PROM.	15.4	25.8	19.3	80.1	17.704	15.5	178.9	277.5	456.4	

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.3	26.0	19.5	75.2	16.519	14.2	0.6	13.7	14.3	
2	15.5	23.5	19.0	83.2	17.729	15.4	0.9	0.0	0.9	
3	12.9	26.4	19.7	79.1	17.505	15.3	0.0	0.5	0.5	
4	16.2	29.0	21.7	68.6	17.000	14.6	0.0	12.7	12.7	
5	12.0	28.0	20.5	66.9	14.997	12.9	0.0	0.0	0.0	
6	14.0	27.0	20.0	74.0	16.483	14.4	0.0	11.9	11.9	
7	15.9	25.5	18.7	81.3	17.530	15.4	15.1	0.0	15.1	
8	14.5	25.0	18.1	84.7	17.749	15.6	52.3	2.2	54.5	
9	14.6	26.0	19.0	83.9	18.426	16.2	0.0	4.3	4.3	
10	15.9	25.0	19.5	84.2	19.053	16.7	3.0	6.1	9.1	
11	16.6	26.6	20.1	77.5	17.864	15.3	7.0	0.0	7.0	
12	13.8	25.0	19.7	82.2	18.283	15.9	2.1	0.0	2.1	
13	16.0	24.5	19.7	78.9	17.657	15.5	0.8	5.0	5.8	
14	14.5	25.6	20.1	68.4	15.786	13.5	5.5	0.0	5.5	
15	13.9	27.3	20.5	72.2	16.701	14.3	0.2	2.8	3.0	
16	15.5	25.6	18.8	78.1	16.637	14.6	5.1	0.9	6.0	
17	15.5	29.0	20.5	71.6	16.502	14.2	0.0	2.1	2.1	
18	14.8	24.4	18.9	83.3	17.999	15.8	0.0	0.0	0.0	
19	15.7	24.5	17.9	89.1	18.346	16.1	15.5	5.2	20.7	
20	14.4	26.0	19.8	77.2	17.252	14.8	2.5	0.7	3.2	
21	14.2	25.5	20.0	80.4	18.500	16.2	0.5	0.3	0.8	
22	15.3	26.5	20.1	79.1	18.535	16.2	7.6	5.2	12.8	
23	14.4	24.6	18.4	75.5	15.372	13.2	0.2	0.0	0.2	
24	13.5	26.0	20.1	64.0	14.250	12.1	0.0	0.0	0.0	
25	14.5	25.0	19.7	74.9	16.449	14.2	1.2	0.0	1.2	
26	14.5	25.0	19.0	80.1	17.449	15.3	10.7	0.1	10.8	
27	14.0	25.5	19.3	81.3	17.743	15.5	0.4	0.8	1.2	
28	14.6	25.5	17.8	82.9	16.920	14.9	11.0	0.0	11.0	
29	15.5	24.6	19.2	80.8	18.012	15.7	10.3	12.1	22.4	
30	14.5	21.2	18.0	84.5	17.156	15.0	0.0	0.0	0.0	
PROM.	14.8	25.6	19.4	78.1	17.207	15.0	152.5	86.6	239.1	

ESTACION: BERTHA
 ALTITUD: 1.700

MUNICIPIO: MONQUIRA AÑO: 1.981
 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	12.6	25.0	18.1	80.8	16.187	14.1	2.3	1.8	4.1	
2	15.2	26.3	19.2	77.4	16.977	14.8	2.5	0.1	2.6	
3	11.0	26.3	18.5	70.7	14.207	12.1	4.3	0.0	4.3	
4	14.5	25.3	19.0	81.8	17.766	15.6	1.5	2.1	3.6	
5	14.5	22.5	16.9	82.8	15.768	13.7	8.8	1.0	9.8	
6	12.5	24.0	18.0	82.9	17.197	15.1	3.5	1.8	5.3	
7		28.0	19.3	79.0	17.428	15.3	2.8	0.0	2.8	
8		28.2	19.9	80.0	18.304	16.1	4.2	0.3	4.5	
9		20.5	17.9	92.0	18.730	16.4	6.1	0.0	6.1	
10		26.0	19.9	78.2	18.352	16.1	37.8	9.5	47.3	
11		25.6	19.0	83.3	18.584	16.3	1.9	0.0	1.9	
12		27.5	19.4	73.6	16.729	14.7	0.0	0.0	0.0	
13		25.5	21.0	79.3	19.742	17.2	7.5	6.2	13.7	
14		27.0	19.3	78.2	17.038	14.8	4.6	6.3	10.9	
15		24.0	17.1	79.3	14.973	12.8	4.1	0.0	4.1	
16	11.8	24.0	17.5	81.2	15.834	13.8	1.0	15.4	16.4	
17	13.2	22.3	16.9	85.6	16.475	14.4	20.6	0.0	20.6	
18	10.2	25.0	17.5	79.3	15.409	13.4	2.0	0.0	2.0	
19	13.6	23.3	18.4	79.5	16.192	14.0	0.9	6.5	7.4	
20	14.5	25.0	18.4	76.0	15.735	13.6	0.3	10.7	11.0	
21	11.5	25.5	18.6	70.6	13.971	11.7	0.0	0.0	0.0	
22	10.5	25.5	18.5	71.5	14.774	12.8	0.0	0.0	0.0	
23	11.5	25.5	18.6	56.7	10.873	8.0	0.0	0.0	0.0	
24	11.5	24.0	18.8	51.9	11.024	8.3	0.0	0.0	0.0	
25	13.5	24.2	19.4	48.7	10.980	8.3	0.0	0.0	0.0	
26	9.5	26.6	20.1	66.3	14.892	12.8	2.4	0.0	2.4	
27	10.0	27.0	20.2	55.9	12.957	10.8	0.0	0.0	0.0	
28	9.0	25.3	19.6	62.6	12.924	10.4	0.0	0.0	0.0	
29	10.6	25.3	18.7	71.6	14.453	12.3	0.9	0.0	0.9	
30	9.5	24.5	18.9	65.0	13.089	10.9	0.0	0.0	0.0	
31	11.5	25.0	19.4	64.4	13.737	11.6	0.3	0.0	0.3	
PROM.		25.2	18.8	73.7	15.526	13.3	120.3	61.7	182.0	

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	12.8	27.0	20.5	57.0	12.763	10.3	0.0	0.0	0.0	
2	11.0	27.0	20.5	54.1	11.644	8.9	2.0	0.0	2.0	
3	12.5	24.5	18.9	78.3	16.555	14.4	0.3	0.0	0.3	
4	11.5	27.2	19.6	63.0	13.394	11.2	0.6	0.0	0.6	
5	9.4	28.1	19.3	74.4	15.402	13.0	3.8	10.0	13.8	
6	12.5	26.5	20.3	78.4	17.625	15.4	0.0	0.6	0.6	
7	14.6	25.8	18.7	81.6	17.263	15.1	3.5	0.8	4.3	
8	14.5	25.8	18.6	82.4	17.315	15.2	1.3	0.0	1.3	
9	14.6	24.5	19.3	68.2	14.604	12.3	0.0	0.0	0.0	
10	10.8	28.3	20.2	62.4	13.238	11.1	0.0	0.4	0.4	
11	14.5	27.8	19.1	77.7	16.595	14.5	8.8	7.7	16.5	
12	13.5	25.0	18.2	81.7	16.860	14.8	4.0	0.0	4.0	
13	13.5	26.0	20.3	60.6	13.238	10.9	0.0	0.0	0.0	
14	13.5	27.0	20.6	71.2	16.293	13.9	0.0	0.0	0.0	
15	12.0	27.0	19.0	76.4	16.096	13.8	2.0	0.0	2.0	
16	14.5	27.5	20.5	74.0	16.985	14.6	0.0	2.6	2.6	
17	15.6	26.0	20.6	78.6	18.594	16.3	0.0	4.7	4.7	
18	15.0	25.6	19.7	72.4	16.462	14.4	0.0	0.0	0.0	
19	13.5	25.6	20.0	63.8	13.863	11.7	0.0	0.0	0.0	
20	9.0	27.5	20.5	66.8	14.717	12.3	0.4	27.2	27.6	
21	13.0	26.5	17.9	79.1	15.549	13.5	14.1	0.1	14.2	
22	15.5	24.5	18.4	78.9	16.415	14.3	0.0	1.5	1.5	
23	15.5	25.6	19.4	80.0	18.092	15.9	1.5	12.9	14.4	
24	14.5	26.0	18.7	79.5	16.855	14.8	17.3	12.2	29.5	
25	13.5	23.5	17.8	90.9	18.319	16.1	5.0	0.0	5.0	
26	12.5	22.5	17.5	83.2	16.222	14.1	2.3	0.0	2.3	
27	10.4	27.0	18.2	77.7	15.801	13.8	0.0	0.0	0.0	
28	9.0	26.0	17.2	78.7	14.792	12.7	0.6	0.0	0.6	
29	8.5	25.5	18.5	73.4	14.418	12.3	0.0	0.0	0.0	
30	12.5	24.5	17.6	78.1	15.303	13.3	0.1	0.0	0.1	
31	13.5	26.5	17.3	73.4	14.244	12.1	6.6	1.1	7.7	
PROM.	12.8	26.1	19.1	74.1	15.662	13.5	74.2	81.8	156.0	

ESTACION: BERTHA
 ALTITUD: 1.700

MUNICIPIO: MONQUIRA AÑO: 1.981
 LATITUD: 5-52 N. LONGITUD: 73-24 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto roco °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	22.8	17.0	86.0	16.810	14.8	17.9	7.1	25.0	
2	13.5	25.0	18.7	82.7	17.321	15.1	1.4	38.8	40.2	
3	14.3	26.0	19.1	76.4	16.076	13.9	1.1	10.3	11.4	
4	14.5	23.3	17.8	89.7	18.179	16.0	1.4	0.3	1.7	
5	14.4	25.6	18.6	78.9	16.258	14.1	0.2	2.9	3.1	
6	13.5	25.5	19.8	77.9	17.070	14.8	1.0	2.9	3.9	
7	15.4	26.6	19.7	78.8	17.729	15.6	0.0	3.5	3.5	
8	12.6	26.8	18.6	76.1	15.727	13.7	0.2	13.6	13.8	
9	12.1	25.5	18.7	77.2	15.738	13.6	2.1	0.0	2.1	
10	14.6	25.2	18.8	79.8	16.821	14.6	0.0	30.9	30.9	
11	13.0	24.0	17.5	94.4	19.031	16.7	2.3	0.0	2.3	
12	12.5	26.0	18.7	80.9	17.201	15.1	32.2	13.4	45.6	
13	15.5	27.3	18.8	77.6	16.570	14.5	8.6	0.0	8.6	
14	14.9	27.5	19.3	75.8	15.914	13.4	3.4	0.0	3.4	
15	12.5	21.0	17.0	71.4	13.485	11.3	0.7	0.0	0.7	
16	12.4	26.5	18.9	73.0	15.110	12.7	5.7	0.0	5.7	
17	14.1	26.0	19.6	64.6	13.730	11.3	0.0	0.0	0.0	
18	12.0	26.4	19.6	73.2	16.003	13.7	0.6	0.5	1.1	
19	15.0	27.0	20.8	68.5	15.957	13.7	0.0	29.4	29.4	
20	12.6	27.3	20.4	62.5	13.782	11.4	0.0	0.0	0.0	
21	11.8	27.5	19.8	68.0	12.454	10.0	0.0	0.0	0.0	
22	11.6	28.0	21.1	48.0	11.518	8.8	0.0	0.0	0.0	
23	11.5	28.3	20.6	48.8	11.192	8.5	0.2	0.6	0.8	
24	13.6	27.3	19.6	57.2	12.191	9.7	0.0	0.0	0.0	
25	9.5	26.5	19.0	67.8	13.918	11.6	0.0	0.0	0.0	
26	9.6	25.2	19.9	64.7	14.102	11.9	0.0	0.0	0.0	
27	10.0	25.6	18.2	72.8	14.033	11.7	0.0	0.0	0.0	
28	12.0	26.0	18.5	78.5	15.962	13.9	0.0	0.0	0.0	
29	12.3	27.0	18.2	88.2	18.243	15.9	2.7	0.0	2.7	
30	12.3	27.3	19.7	81.0	18.082	15.8	1.3	0.0	1.3	
PROM.	12.9	26.0	19.1	73.7	15.540	13.3	83.0	154.2	237.2	

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto roco °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	26.0	20.0	73.0	16.343	14.0	0.0	0.0	0.0	
2	11.9	25.6	19.8	74.7	16.419	14.3	0.0	1.4	1.4	
3	14.0	26.0	19.7	74.0	16.114	13.9	0.0	21.8	21.8	
4	12.5	24.5	18.3	81.8	16.628	14.4	4.9	0.0	6.9	
5	12.5	25.8	19.4	86.2	18.825	16.4	0.0	0.0	0.0	
6	13.0	28.0	19.7	80.3	18.028	15.8	0.1	0.0	0.1	
7	13.0	27.0	19.0	75.7	16.122	14.1	0.0	0.9	0.9	
8	15.5	25.0	18.5	84.7	18.156	16.0	4.8	1.7	6.5	
9	13.6	24.0	18.9	77.0	16.470	14.5	0.0	7.3	7.3	
10	14.5	24.6	18.3	80.9	16.658	14.5	1.1	19.6	20.7	
11	15.4	24.0	18.9	85.1	18.158	15.9	1.8	22.6	24.4	
12	14.0	26.5	19.4	77.0	16.538	14.3	0.1	12.3	12.4	
13	14.0	26.5	18.8	77.9	16.286	14.2	0.0	0.0	0.0	
14	13.6	26.0	18.5	79.8	16.722	14.6	5.1	1.3	6.4	
15	14.0	25.5	18.8	79.3	16.874	14.8	3.3	0.0	3.3	
16	15.5	25.5	19.7	78.3	17.748	15.6	0.9	0.3	1.2	
17	14.6	26.8	20.2	75.7	17.934	15.6	0.8	1.3	2.1	
18	13.6	26.8	19.2	76.6	16.767	14.6	12.2	16.9	29.1	
19	14.0	28.3	19.5	81.4	17.801	15.5	0.0	0.0	0.0	
20	12.5	27.0	19.5	77.9	17.061	14.9	0.0	0.0	0.0	
21	13.0	27.0	19.0	78.0	16.485	14.4	5.4	0.8	6.2	
22	13.0	26.5	18.9	92.4	21.010	18.1	8.1	13.7	21.8	
23	14.8	26.0	18.2	87.5	18.341	16.1	4.0	19.5	23.5	
24	14.5	24.0	18.0	83.5	17.233	15.1	0.5	0.0	0.5	
25	11.5	25.8	18.6	78.9	16.006	13.8	0.0	1.4	1.4	
26	14.0	26.5	18.0	79.7	16.149	14.1	10.1	28.3	38.4	
27	12.7	24.5	17.8	86.1	17.311	15.2	1.5	2.5	4.0	
28	14.6	23.8	18.6	82.3	17.618	15.4	0.7	4.5	5.2	
29	13.6	24.8	17.9	88.7	18.393	16.2	0.0	6.7	6.7	
30	14.0	23.6	19.0	81.2	17.536	15.4	0.0	0.0	0.0	
31	15.0	24.0	18.4	81.5	17.177	14.9	5.5	7.2	12.7	
PROM.	13.9	25.6	18.9	80.6	17.255	15.1	72.9	192.0	264.9	

ESTACION: BERTHA

MUNICIPIO: MONQUIRA

AÑO:

1.961

ALTITUD: 1.700

LATITUD: 5-52 N.

LONGITUD: 73-24 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	25.3	19.0	83.0	18.274	16.1	0.0	0.9	0.9	
2	14.6	26.5	19.6	73.0	16.372	14.3	0.0	0.0	0.0	
3	11.0	27.4	19.3	80.4	17.231	15.0	0.0	1.5	1.5	
4	16.6	26.8	20.3	76.6	17.971	15.7	5.3	0.0	5.3	
5	12.5	26.0	19.0	84.2	18.153	15.9	5.2	2.2	7.4	
6	14.5	27.0	19.6	80.6	18.258	16.0	1.0	10.8	11.8	
7	14.0	26.0	19.0	79.8	17.648	15.5	6.8	6.7	13.5	
8	11.6	25.5	19.2	82.0	17.442	15.2	0.0	5.6	5.6	
9	14.5	26.5	19.2	83.5	18.600	16.3	0.0	1.0	1.0	
10	15.5	27.0	19.2	80.6	17.747	15.6	0.0	0.0	0.0	
11	13.5	27.0	19.5	77.6	16.683	14.5	0.3	0.0	0.3	
12	15.4	26.5	20.0	79.8	18.274	16.0	0.0	12.9	12.9	
13	15.4	25.6	19.8	79.9	18.230	16.0	0.0	1.5	1.5	
14	14.6	25.5	19.8	79.7	18.181	16.0	0.0	0.0	0.0	
15	13.5	26.3	20.4	81.9	18.789	16.2	0.0	0.8	0.8	
16	15.5	26.5	20.0	82.6	19.120	16.8	0.0	0.8	0.8	
17	15.0	27.0	19.8	77.9	17.871	15.7	0.0	0.0	0.0	
18	16.0	27.0	20.0	78.2	18.156	15.9	0.0	0.4	0.4	
19	15.3	27.0	19.7	77.4	17.460	15.3	0.0	0.0	0.0	
20	16.0	25.0	18.8	79.1	16.944	14.8	0.0	0.4	0.4	
21	15.6	26.2	19.3	75.8	16.805	14.7	0.0	0.0	0.0	
22	14.3	24.0	19.1	82.6	17.875	15.6	2.4	0.9	3.3	
23	16.0	25.0	18.5	80.0	17.136	15.0	1.3	0.2	1.5	
24	14.5	27.0	19.5	78.4	17.000	14.7	0.5	66.9	67.4	
25	14.6	27.0	19.9	82.0	18.633	16.3	2.0	0.0	2.0	
26	14.5	27.0	20.1	77.3	17.697	15.5	0.0	0.0	0.0	
27	12.6	27.0	18.0	80.6	16.428	14.4	4.6	3.8	8.4	
28	14.5	26.0	19.1	80.1	17.309	15.2	0.0	0.0	0.0	
29	14.6	26.0	19.1	80.7	17.463	15.3	7.2	1.8	8.7	
30	15.5	26.0	18.6	80.1	17.229	15.1	0.0	0.2	0.2	
PROM.	14.6	26.3	19.4	79.8	17.699	15.5	36.6	119.0	155.6	

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	13.9	27.0	18.7	77.9	16.133	14.0	2.1	0.0	2.1	
2	12.0	25.6	18.8	79.5	16.465	14.2	5.0	0.0	5.0	
3	11.0	27.3	19.3	77.4	16.420	14.2	0.0	0.0	0.0	
4	11.8	27.0	19.4	76.5	16.123	14.0	0.0	0.0	0.0	
5	16.5	26.6	19.2	78.9	17.268	15.1	0.0	5.7	5.7	
6	15.4	27.0	20.1	76.6	17.397	15.2	0.0	0.0	0.0	
7	14.4	26.5	19.4	73.1	15.711	13.3	0.9	0.0	0.9	
8	14.5	27.0	18.6	77.5	16.030	13.8	4.3	0.0	4.3	
9	11.0	27.0	19.2	73.2	15.145	12.9	0.0	0.0	0.0	
10	13.0	24.0	18.3	82.9	17.004	14.9	0.0	0.0	0.0	
11	12.0	23.5	18.4	78.8	15.977	13.9	0.0	8.8	8.8	
12	15.5	25.6	20.1	80.7	18.775	16.5	0.0	0.0	0.0	
13	13.6	25.5	19.0	78.3	16.347	14.1	0.2	0.0	0.2	
14	11.5	25.5	18.8	78.4	16.123	14.0	0.0	0.0	0.0	
15	15.0	25.5	19.0	80.0	17.452	15.3	0.0	0.0	0.0	
16	10.0	26.8	18.7	73.4	14.369	12.0	0.0	0.0	0.0	
17	10.5	26.3	19.2	74.0	15.348	13.2	0.0	0.0	0.0	
18	13.5	26.6	20.0	72.7	16.030	14.0	0.0	0.0	0.0	
19	15.5	26.3	19.8	76.1	17.024	14.9	0.0	0.0	0.0	
20	14.8	27.3	20.6	75.4	17.817	15.6	0.0	0.8	0.8	
21	15.5	25.5	19.5	79.2	17.630	15.4	1.4	0.0	1.4	
22	16.0	26.2	20.0	70.7	16.020	13.9	0.0	0.0	0.0	
23	15.0	27.0	20.4	71.8	16.450	14.4	0.0	0.0	0.0	
24	11.5	27.8	19.8	71.3	14.919	12.6	0.0	0.0	0.0	
25	13.0	28.0	20.1	69.9	14.936	12.7	0.0	0.0	0.0	
26	16.5	27.0	19.1	76.5	16.495	14.3	15.7	12.6	28.3	
27	16.0	27.0	20.6	77.6	18.151	15.8	5.2	0.1	5.3	
28	13.6	27.3	19.9	79.8	18.079	15.9	0.0	7.1	7.1	
29	16.5	24.3	19.4	85.2	19.277	16.9	0.0	1.0	1.0	
30	16.2	27.1	20.0	78.5	17.909	15.7	0.0	0.0	0.0	
31	13.0	25.1	18.4	74.1	14.962	12.9	0.2	0.0	0.2	
PROM.	13.8	26.3	19.4	76.6	16.574	14.4	35.0	36.1	71.1	

ESTACION: BERTHA

MUNICIPIO MONQUIRA

AÑO: 1.981

ALTITUD: 1.700

LATITUD: 5-52 N.

LONGITUD: 73-24 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	12.6	26.1	18.9	8.5	27.9	72.0	14.700	12.5	32.9	7	
FEBRERO	14.2	26.4	19.8	11.3	28.0	72.6	15.961	13.8	133.1	17	
MARZO	13.8	26.2	19.6	10.6	29.0	73.7	16.020	13.8	66.6	8	
ABRIL	15.2	25.9	19.5	10.6	29.1	78.7	17.519	15.3	286.1	22	
MAYO	15.4	25.8	19.3	13.6	29.0	80.1	17.704	15.5	456.4	28	
JUNIO	14.8	25.6	19.4	12.0	29.0	78.1	17.207	15.0	239.1	26	
JULIO		25.2	18.8	9.0	28.2	73.7	15.526	13.3	182.0	22	
AGOSTO	12.8	26.1	19.1	8.5	28.3	74.1	15.662	13.5	156.0	23	
SEPTIEMBRE	12.9	26.0	19.1	9.5	28.3	73.7	15.340	13.3	237.2	21	
OCTUBRE	13.9	25.6	18.9	11.5	28.0	80.6	17.255	15.1	264.9	25	
NOVIEMBRE	14.6	26.3	19.4	11.0	27.4	79.8	17.699	15.5	155.6	22	
DICIEMBRE	13.8	26.3	19.4	10.0	28.0	76.6	16.574	14.4	71.1	14	
PROMEDIO		26.0	19.3	10.5	28.4	76.1	16.447	14.3			
TOTAL									2281.0	235	

ESTACION: RAFAEL ESCOBAR

MUNICIPIO: SUPIA

AÑO: 1.961

ALTITUD: 1.320

LATITUD: 5-28 N.

LONGITUD: 75-39 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	16.2	27.5	21.4	77.0	19.393	17.0	0.0	0.0	0.0	7.7
2	16.9	29.3	22.1	72.3	18.778	16.5	0.0	0.0	0.0	6.7
3	16.7	28.0	22.3	65.2	17.034	14.8	0.0	0.0	0.0	6.6
4	16.7	29.0	22.2	69.9	17.934	15.8	0.0	0.0	0.0	8.0
5	16.7	29.0	22.1	74.8	19.965	17.4	0.0	0.0	0.0	4.8
6	16.6	27.3	22.3	75.9	20.060	17.5	0.0	0.0	0.0	4.2
7	17.4	28.8	22.1	79.5	20.881	18.2	0.0	0.0	0.0	5.6
8	18.0	27.3	22.8	77.9	21.161	18.4	0.0	5.1	5.1	3.6
9	18.0	26.6	22.0	81.7	21.432	18.6	0.0	0.0	0.0	2.3
10	17.3	28.5	22.0	70.0	18.070	15.9	0.0	0.0	0.0	8.0
11	16.7	28.0	22.3	71.5	18.839	16.5	0.0	31.4	31.4	6.5
12	17.3	27.5	22.0	75.2	19.683	17.2	0.0	0.0	0.0	4.4
13	16.2	27.3	23.2	62.0	16.184	14.0	0.0	0.0	0.0	7.1
14	16.0	28.5	21.6	65.4	16.298	14.3	0.0	0.0	0.0	6.2
15	15.9	28.0	21.8	71.8	18.312	16.1	0.0	0.0	0.0	6.6
16	16.3	29.0	21.9	68.0	17.225	15.2	0.0	0.0	0.0	5.8
17	16.3	29.0	22.5	72.5	19.075	16.7	0.0	0.0	0.0	7.1
18	17.2	29.3	22.7	66.4	17.316	15.2	0.0	0.0	0.0	7.4
19	16.0	30.5	22.9	70.3	19.127	16.7	0.0	0.0	0.0	8.4
20	16.5	29.5	22.3	72.6	19.005	16.7	0.0	0.0	0.0	7.6
21	16.9	29.3	22.2	73.0	18.976	16.7	0.0	0.0	0.0	7.0
22	15.6	28.8	22.0	71.8	18.304	16.1	0.0	0.0	0.0	7.1
23	16.2	29.0	22.3	71.2	18.446	16.2	0.0	0.0	0.0	6.4
24	18.5	29.5	22.7	70.1	19.086	16.8	0.0	0.0	0.0	6.2
25	18.0	28.5	22.7	73.7	20.061	17.5	0.0	0.0	0.0	4.9
26	18.1	28.8	23.5	69.4	19.433	17.0	0.0	0.0	0.0	4.9
27	16.5	30.0	21.3	79.4	20.155	17.6	3.9	0.0	3.9	7.0
28	18.4	28.5	22.5	76.6	20.506	17.9	0.0	2.0	2.0	2.8
29	17.1	25.3	21.2	75.0	18.438	16.2	0.0	0.0	0.0	0.6
30	16.5	30.2	23.3	70.2	19.296	16.9	0.0	13.6	13.6	7.4
31	17.6	26.7	21.4	82.5	20.784	18.1	0.0	0.3	0.3	0.7
PROM.	16.9	28.5	22.2	72.7	19.008	16.6	3.9	52.4	56.3	179.6

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	17.7	27.0	21.5	80.0	20.208	17.7	0.0	4.4	4.4	1.8
2	17.9	29.7	22.8	74.4	20.265	17.7	0.0	0.0	0.0	5.3
3	17.5	28.0	22.4	74.1	19.510	17.1	0.0	0.0	0.0	3.6
4	18.0	28.5	22.6	73.1	19.608	17.2	0.0	0.4	0.4	2.9
5	18.4	26.6	21.9	77.8	20.033	17.5	0.0	0.0	0.0	1.1
6	17.7	29.0	23.8	69.1	19.380	17.0	0.0	0.0	0.0	5.8
7	18.5	28.3	22.5	75.1	20.259	17.7	0.0	0.0	0.0	2.3
8	17.2	30.0	23.5	68.1	18.930	16.6	0.0	0.0	0.0	6.3
9	18.8	29.6	22.5	77.0	21.322	18.5	0.0	0.0	0.0	1.9
10	16.9	30.7	23.8	72.4	20.238	17.7	0.0	0.0	0.0	7.2
11	18.6	30.5	24.1	72.8	21.266	18.5	0.0	1.5	1.5	4.6
12	17.4	25.3	21.0	83.3	20.591	18.0	0.0	0.0	0.0	1.5
13	18.7	25.5	22.5	79.1	21.014	18.3	0.0	9.4	9.4	1.2
14	18.3	27.0	22.3	79.8	21.174	18.4	0.2	0.0	0.2	3.9
15	18.5	30.0	23.8	71.5	20.393	17.8	0.0	0.0	0.0	6.0
16	19.0	29.3	23.3	71.8	20.035	17.5	0.0	10.4	10.4	3.5
17	17.9	29.5	24.0	75.4	21.685	18.8	0.0	0.0	0.0	3.1
18	19.5	29.7	23.9	73.8	21.347	18.5	0.0	0.2	0.2	2.5
19	18.9	29.2	22.6	75.6	20.708	18.1	0.0	3.5	3.5	2.0
20	17.9	23.7	20.8	86.7	21.040	18.3	0.0	0.0	0.0	0.2
21	16.6	30.0	23.2	70.0	18.992	16.7	0.0	0.0	0.0	5.4
22	19.0	28.2	23.5	75.0	21.220	18.4	0.0	0.0	0.0	0.3
23	18.7	24.3	19.9	86.1	20.084	17.5	11.2	0.0	11.2	0.2
24	17.0	29.2	23.0	79.2	21.544	18.6	0.0	0.3	0.3	4.5
25	18.5	26.8	22.4	83.0	22.371	19.3	1.6	0.0	1.6	0.8
26	17.3	32.2	24.8	67.7	20.222	17.6	0.0	0.0	0.0	6.1
27	18.7	32.5	25.4	69.1	21.426	18.6	0.0	0.0	0.0	5.1
28	20.0	32.4	27.0	58.1	18.939	16.5	0.0	0.0	0.0	2.7
PROM.	18.2	28.7	23.0	75.0	20.493	17.9	13.0	30.1	43.1	91.8

ESTACION: RAFAEL ESCOBAR

MUNICIPIO: SUPIA

AÑO: 1.961

ALTITUD: 1.320

LATITUD: 5-28 N.

LONGITUD: 75-39 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.9	32.4	26.3	65.4	21.344	18.4	0.0	0.0	0.0	5.1
2	19.8	31.5	23.4	75.1	22.525	19.3	1.9	13.5	15.4	3.0
3	17.5	30.5	24.0	70.8	20.275	17.7	0.0	0.0	0.0	3.6
4	18.0	31.6	24.4	71.3	21.529	18.6	0.0	0.0	0.0	6.5
5	20.2	27.7	22.0	78.4	20.804	18.1	0.0	22.1	22.1	1.2
6	16.6	27.0	21.1	81.1	19.997	17.5	0.0	2.9	2.9	2.8
7	18.5	27.0	22.8	79.3	21.551	18.7	0.4	20.7	21.1	1.8
8	18.6	26.0	21.1	84.3	21.231	16.4	1.7	1.6	3.3	2.6
9	18.4	26.8	22.3	83.6	22.395	19.3	0.0	3.0	3.0	0.2
10	18.8	26.4	22.1	83.8	22.021	19.0	0.0	0.0	0.0	1.0
11	18.7	28.7	23.7	78.4	22.410	19.3	0.0	6.1	6.1	2.5
12	19.0	26.5	20.9	86.5	21.731	18.8	51.1	0.0	51.1	1.0
13	16.5	26.6	21.9	81.0	20.860	18.2	0.0	4.2	4.2	0.1
14	18.5	25.8	21.3	85.4	21.756	18.9	1.2	19.8	21.0	1.6
15	18.2	26.7	22.5	79.7	21.203	18.4	0.0	13.1	13.1	3.0
16	18.5	29.2	23.2	76.1	21.099	18.4	0.0	0.0	0.0	5.8
17	19.5	29.5	22.6	76.3	21.316	18.5	0.3	0.0	0.3	4.2
18	17.1	27.5	22.3	81.2	21.282	18.5	0.0	0.0	0.0	4.4
19	18.5	28.5	23.5	72.9	20.667	18.0	0.0	0.0	0.0	3.5
20	17.5	29.3	23.5	74.4	21.132	18.4	0.0	0.0	0.0	3.4
21	17.3	29.0	23.1	72.2	19.586	17.2	0.0	0.8	0.8	3.8
22	18.3	27.8	22.4	74.9	19.658	17.2	0.0	10.7	10.7	3.8
23	17.9	29.0	23.3	77.3	21.669	18.8	0.0	0.0	0.0	3.9
24	17.5	29.7	23.3	70.9	19.580	17.2	0.0	0.0	0.0	3.9
25	16.4	29.6	23.1	69.3	18.432	16.4	0.0	3.9	3.9	4.8
26	17.4	26.7	22.1	80.3	20.939	18.2	0.0	0.0	0.0	1.0
27	16.2	29.5	22.9	72.6	19.504	17.1	0.0	0.0	0.0	6.6
28	18.2	29.8	22.8	74.7	20.746	18.1	0.0	0.0	0.0	4.2
29	17.9	28.2	22.7	80.2	21.492	18.6	0.0	0.0	0.0	3.8
30	17.8	29.3	24.0	75.8	21.862	18.9	0.0	0.0	0.0	5.2
31	19.3	29.7	23.7	77.1	22.162	19.1	0.0	0.0	0.0	3.9
PROM.	18.1	28.5	22.8	77.1	21.063	18.3	56.6	122.4	179.0	102.2

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	17.5	31.2	24.8	67.4	20.122	17.6	0.0	0.0	0.0	
2	18.5	29.0	23.7	74.2	21.422	18.6	0.0	0.0	0.0	
3	18.5	26.8	22.3	80.3	21.251	18.5	0.0	0.0	0.0	
4	18.6	28.7	23.3	75.1	20.938	18.2	0.0	7.0	7.0	
5	18.3	23.5	19.8	87.1	20.359	17.8	1.2	1.3	2.5	
6	17.0	29.0	23.0	76.1	20.608	18.0	0.0	12.4	12.4	
7	18.1	27.2	22.8	81.4	22.257	19.2	0.0	0.0	0.0	
8	18.9	28.4	22.5	83.1	22.406	19.3	0.8	0.0	0.8	
9	18.6	28.0	22.9	80.9	22.166	19.1	0.0	0.0	0.0	
10	18.0	31.0	24.4	65.7	19.168	16.8	0.0	0.0	0.0	
11	20.1	28.5	24.1	72.4	21.737	18.8	0.0	0.0	0.0	
12	19.4	27.0	21.9	83.5	22.167	19.1	0.0	0.0	0.0	
13	18.3	28.2	22.4	79.8	21.579	18.7	16.0	21.2	37.2	
14	18.5	25.8	21.0	86.8	21.531	18.7	2.6	3.2	5.8	
15	18.1	27.0	22.6	80.9	21.619	18.7	0.0	41.8	41.8	
16	17.3	26.6	21.2	85.1	21.180	18.4	1.2	0.0	1.2	
17	17.0	27.4	21.2	81.6	20.481	17.9	0.2	0.0	0.2	
18	18.1	27.3	21.8	82.6	21.459	18.6	0.0	25.6	25.6	
19	17.5	20.2	18.1	94.7	19.784	17.3	17.0	0.0	17.0	
20	15.0	25.9	21.0	83.6	20.400	17.8	0.0	0.0	0.0	
21	17.2	29.5	23.4	74.3	20.843	18.1	0.0	3.4	3.4	
22	18.5	27.0	20.7	84.8	20.961	18.3	2.8	0.0	2.8	
23	17.2	28.8	22.8	78.8	21.515	18.7	0.0	26.9	26.9	
24	18.5	27.3	23.1	79.7	22.177	19.1	0.0	0.0	0.0	
25	19.0	28.7	24.1	76.4	22.541	19.4	0.0	0.0	0.0	
26	19.6	27.6	22.6	82.0	22.961	19.7	0.0	0.0	0.0	
27	18.5	22.0	19.8	93.5	22.190	19.1	5.2	2.1	7.3	
28	17.0	26.6	21.4	87.0	22.112	19.1	0.0	17.3	17.3	
29	18.3	26.8	21.5	83.2	21.236	18.5	0.0	0.0	0.0	
30	18.3	28.0	21.9	78.3	20.616	18.0	0.2	5.0	5.2	
PROM	18.1	27.3	22.2	80.7	21.326	18.5	47.2	167.2	214.4	

ESTACION: RAFAEL ESCOBAR

MUNICIPIO: SUPIA

AÑO: 1.981

ALTITUD: 1.320

LATITUD: 5-28 N.

LONGITUD: 75-39 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	26.7	20.5	86.0	20.869	18.2	0.2	0.3	0.5	
2	17.3	27.0	21.6	85.6	22.076	19.1	0.9	6.9	7.8	
3	17.4	25.3	20.7	84.6	20.730	18.1	0.4	0.0	0.4	
4	17.0	27.2	20.3	87.4	21.332	18.5	4.1	2.4	6.5	
5	17.9	26.0	21.2	87.6	22.353	19.3	0.0	9.5	9.5	
6	17.0	23.5	19.5	85.0	19.502	17.1	0.6	0.5	1.1	
7	16.8	27.3	21.7	78.3	20.130	17.6	0.0	13.7	13.7	
8	17.0	23.0	19.2	86.8	19.406	17.0	3.0	0.2	3.2	
9	16.6	24.3	20.3	81.2	19.381	17.0	0.0	0.0	0.0	
10	17.1	27.2	20.5	82.0	19.969	17.5	29.4	0.1	29.5	
11	17.5	26.2	20.9	81.2	19.887	17.4	0.4	0.0	0.4	
12	17.0	26.0	20.6	85.0	20.659	18.0	0.0	0.0	0.0	
13	17.2	27.7	21.2	80.5	20.200	17.6	1.5	10.5	12.0	
14	18.0	25.5	21.8	79.7	20.505	17.9	0.0	0.0	0.0	
15	16.7	27.2	22.5	78.0	21.070	18.3	0.0	60.6	60.6	
16	18.2	23.6	20.2	91.5	21.895	18.9	0.5	0.0	0.5	
17	17.1	25.1	21.5	86.7	22.296	19.2	0.0	42.2	42.2	
18	18.5	23.6	21.0	89.9	22.513	19.4	0.0	0.0	0.0	
19	16.8	27.0	22.8	74.8	20.400	17.8	0.0	0.0	0.0	
20	17.5	28.5	23.9	73.6	21.185	18.4	0.0	0.0	0.0	
21	19.6	26.0	23.1	80.8	22.714	19.5	0.0	0.0	0.0	
22	19.5	28.2	22.7	75.7	20.730	18.0	0.0	0.1	0.1	
23	18.5	26.0	21.0	86.4	21.724	18.8	1.6	25.3	26.9	
24	17.7	26.0	20.9	84.8	21.090	18.4	1.1	21.0	22.1	
25	18.0	25.7	19.6	84.5	19.721	17.3	1.2	6.1	7.3	
26	16.6	24.4	20.9	79.0	19.118	16.8	0.0	10.6	10.6	
27	17.4	24.0	20.8	81.9	19.938	17.4	17.2	3.0	20.2	
28	18.0	26.5	21.7	78.1	20.221	17.6	0.0	0.8	0.8	
29	18.0	26.6	21.6	77.7	19.907	17.4	0.0	4.1	4.1	
30	18.0	25.0	21.0	83.9	20.518	17.9	6.4	17.4	23.8	
31	17.0	26.3	21.6	80.1	20.742	18.1	0.0	0.0	0.0	
PROM.	17.6	25.9	21.2	82.5	20.735	18.0	68.5	236.3	304.8	

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	18.4	27.0	20.4	82.3	19.832	17.4	22.1	0.3	22.4	
2	17.5	26.0	21.6	78.8	20.056	17.5	0.0	0.0	0.0	
3	16.6	27.0	22.3	74.5	19.557	17.1	0.0	0.0	0.0	
4	18.0	27.7	23.0	71.5	19.699	17.3	0.0	1.3	1.3	
5	19.6	27.6	23.2	77.2	21.870	18.9	0.0	0.0	0.0	
6	18.5	26.5	22.6	77.4	20.899	18.2	0.0	0.0	0.0	
7	19.0	25.7	22.0	82.0	21.431	18.6	0.0	77.2	77.2	
8	17.5	25.2	20.5	85.2	20.413	17.8	0.8	12.1	12.9	
9	17.9	24.2	20.2	87.1	20.654	18.0	0.0	1.2	1.2	
10	17.9	26.5	21.5	82.7	20.975	18.2	0.0	14.5	14.5	
11	17.6	26.5	21.5	82.4	21.120	18.4	0.0	0.0	0.0	
12	17.7	25.8	21.9	82.4	21.478	18.6	0.0	23.4	23.4	
13	18.0	24.3	21.0	86.3	21.301	18.5	0.7	0.0	0.7	
14	17.1	26.0	21.8	78.7	20.086	17.6	0.0	0.0	0.0	
15	17.6	27.5	21.2	80.2	20.379	17.8	0.8	3.0	3.8	
16	16.5	26.0	19.7	81.2	18.910	16.6	0.0	2.7	2.7	
17	16.7	26.8	21.4	80.8	20.291	17.7	0.0	0.3	0.3	
18	18.8	23.0	19.9	92.1	21.711	18.8	8.0	0.0	8.0	
19	16.7	25.7	21.6	78.2	19.655	17.2	0.0	0.0	0.0	
20	17.5	26.8	21.8	76.3	19.623	17.2	0.0	0.0	0.0	
21	18.2	27.7	21.9	78.7	20.837	18.1	0.0	0.0	0.0	
22	18.3	28.2	21.5	76.1	19.754	17.3	0.0	0.6	0.6	
23	17.7	26.3	20.6	78.1	19.287	16.9	0.5	0.0	0.5	
24	17.0	25.7	20.7	79.7	19.430	17.0	0.0	3.3	3.3	
25	17.1	26.5	21.2	81.6	20.319	17.7	0.0	0.0	0.0	
26	16.7	26.0	21.8	76.3	19.371	16.9	0.0	0.0	0.0	
27	18.0	25.5	21.5	82.5	20.991	18.3	0.0	0.0	0.0	
28	17.7	25.6	21.9	73.7	19.166	16.8	0.0	8.9	8.9	
29	18.0	24.6	19.6	86.4	19.899	17.4	0.9	13.0	13.9	
30	17.5	24.7	20.4	82.9	19.595	17.2	0.0	4.3	4.3	
PROM.	17.7	26.1	21.3	80.4	20.286	17.7	33.8	163.1	196.9	

ESTACION: RAFAEL ESCOBAR

MUNICIPIO: SUPIA

AÑO: 1.961

ALTITUD: 1.320

LATITUD: 5-28 N.

LONGITUD: 75-39 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	26.0	21.4	72.2	18.304	16.1	0.0	1.6	1.6	
2	17.5	26.0	22.1	75.8	19.767	17.3	0.0	0.0	0.0	
3	18.3	26.5	21.2	82.6	20.736	18.0	5.0	0.0	5.0	
4	17.8	25.7	21.4	79.9	19.962	17.5	0.2	0.0	0.2	
5	17.8	26.3	20.4	83.0	20.080	17.6	5.7	5.1	10.8	
6	16.2	25.0	20.7	80.5	19.289	16.9	0.0	0.2	0.2	
7	16.9	27.2	22.4	76.0	19.963	17.5	0.0	0.0	0.0	
8	19.0	28.2	23.5	74.0	20.815	18.1	0.0	2.0	2.0	
9	18.0	25.3	21.0	82.3	20.545	17.9	0.0	10.0	10.0	
10	18.2	24.8	21.0	83.4	20.760	18.1	1.4	8.7	10.1	
11	17.0	25.7	21.3	79.5	19.840	17.4	0.0	0.0	0.0	
12	17.9	26.0	21.4	75.2	18.947	16.6	0.0	0.0	0.0	
13	17.5	25.5	21.1	80.2	20.030	17.5	0.0	0.0	0.0	
14	17.2	26.6	21.8	76.6	19.700	17.2	0.0	38.7	38.7	
15	15.9	27.0	21.4	76.6	19.228	16.9	0.0	0.0	0.0	
16	18.0	25.8	20.9	82.9	20.434	17.9	0.2	3.2	3.4	
17	17.6	24.2	19.2	85.2	19.478	17.0	10.0	1.1	11.1	
18	16.5	26.5	21.4	76.1	18.972	16.7	0.0	0.0	0.0	
19	17.4	27.2	21.9	74.5	19.229	16.9	0.0	0.0	0.0	
20	17.7	26.5	20.1	84.3	20.074	17.6	2.3	0.0	2.3	
21	16.6	26.0	21.4	79.2	20.055	17.5	0.0	0.0	0.0	
22	16.5	27.0	22.6	71.7	18.993	16.7	0.0	0.0	0.0	
23	17.0	28.6	23.2	71.3	19.657	17.2	0.0	0.0	0.0	
24	16.5	27.2	21.7	72.2	18.504	16.2	0.0	0.0	0.0	
25	15.2	29.0	22.4	69.7	18.145	15.9	0.0	0.0	0.0	
26	16.0	29.0	22.2	65.2	16.845	14.8	0.0	0.0	0.0	
27	16.4	29.7	22.8	68.2	18.361	16.1	0.0	0.0	0.0	
28	16.5	28.7	22.4	72.0	19.143	16.8	0.0	0.0	0.0	
29	16.5	28.0	22.8	70.8	18.917	16.6	0.0	0.0	0.0	
30	16.0	29.0	22.9	70.9	18.973	16.6	0.0	0.0	0.0	
31	17.4	27.5	22.2	73.7	19.236	16.9	0.0	0.0	0.0	
PROM.	17.1	26.8	21.7	76.3	19.451	17.0	24.8	70.6	95.4	

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	16.7	30.0	23.1	71.5	19.809	17.3	0.0	0.0	0.0	
2	17.5	29.5	23.5	74.2	21.226	18.4	0.0	0.0	0.0	
3	18.0	27.0	22.8	80.6	22.288	19.2	0.0	0.0	0.0	
4	17.5	30.0	23.9	74.8	21.509	18.7	0.0	0.0	0.0	
5	18.9	30.0	24.7	69.3	20.875	18.1	0.0	0.0	0.0	
6	19.6	29.5	24.1	72.5	21.403	18.6	0.0	1.1	1.1	
7	18.9	28.3	21.9	82.2	22.011	19.0	1.3	1.0	2.3	
8	18.0	27.7	22.5	75.2	20.103	17.6	0.0	14.1	14.1	
9	17.7	27.0	21.1	80.8	20.034	17.5	0.3	0.0	0.3	
10	16.0	29.0	22.6	75.5	19.924	17.4	0.0	0.0	0.0	
11	18.0	27.5	22.5	76.0	20.494	17.9	0.0	2.4	2.4	
12	18.8	25.4	21.5	79.7	20.072	17.5	6.3	8.1	14.4	
13	17.5	25.5	21.3	82.6	20.847	18.2	0.3	0.3	0.6	
14	17.7	27.2	22.2	74.8	19.614	17.2	0.0	0.0	0.0	
15	17.3	28.3	23.2	70.5	19.270	16.9	0.0	0.2	0.2	
16	16.5	28.5	22.0	75.6	19.727	17.3	0.0	5.4	5.4	
17	17.5	24.7	20.7	84.8	20.485	17.9	0.8	0.0	0.8	
18	18.5	27.3	22.4	77.4	20.662	18.0	0.0	11.3	11.3	
19	17.0	27.0	22.3	77.0	20.110	17.6	0.0	0.0	0.0	
20	16.2	29.2	22.8	69.1	18.692	16.3	0.0	0.0	0.0	
21	17.0	27.3	21.0	80.8	20.047	17.5	0.7	41.6	42.3	
22	16.9	27.0	21.6	77.2	19.534	17.2	0.0	14.6	14.6	
23	17.8	24.2	19.8	79.4	18.233	16.0	17.0	0.0	17.0	
24	16.0	27.6	20.2	80.5	18.957	16.6	4.5	5.8	10.3	
25	17.0	25.5	20.2	82.0	19.372	17.0	1.1	0.0	1.1	
26	17.5	27.5	21.9	79.7	20.529	17.9	0.0	0.0	0.0	
27	16.7	28.8	22.4	72.5	19.118	16.8	0.0	0.0	0.0	
28	15.9	29.2	23.2	69.7	19.088	16.7	0.0	5.8	5.8	
29	15.9	27.5	19.8	79.9	18.571	16.4	8.6	5.4	14.0	
30	17.5	25.0	20.5	83.9	20.273	17.7	0.1	8.0	8.1	
31	17.4	26.0	20.2	81.6	19.354	17.0	1.2	16.6	17.8	
PROM	17.4	27.6	22.0	77.1	20.072	17.5	42.2	141.7	183.9	

ESTACION: RAFAEL ESCOBAR
 ALTITUD: 1.320

MUNICIPIO: SUPIA
 LATITUD: 5-28 N.

AÑO: 1.961
 LONGITUD: 75-39 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	24.2	19.0	86.1	19.126	16.8	25.0	35.9	60.9	
2	16.0	27.0	20.5	78.2	18.663	16.4	1.6	0.0	1.6	
3	15.9	25.2	20.3	80.9	18.861	16.6	0.0	5.9	5.9	
4	17.0	26.0	21.0	80.2	19.863	17.4	1.7	0.1	1.8	
5	16.5	26.0	21.4	76.1	19.220	16.8	0.1	42.1	42.2	
6	16.5	25.9	20.9	77.4	18.708	16.5	0.0	0.0	0.0	
7	17.5	26.6	21.2	77.3	19.320	17.0	1.0	3.0	4.0	
8	16.9	27.0	21.9	79.8	20.801	18.1	0.0	25.6	25.6	
9	15.4	26.7	21.4	82.5	20.478	17.8	0.0	1.6	1.6	
10	17.6	27.5	21.6	84.5	21.355	18.9	0.2	35.6	35.8	
11	16.0	26.2	21.3	81.0	20.355	17.7	0.0	0.0	0.0	
12	17.0	26.4	22.6	74.8	20.038	17.5	0.0	26.7	26.7	
13	15.5	26.0	21.5	83.2	21.195	18.4	0.0	0.5	0.5	
14	17.9	27.2	22.4	79.8	21.486	18.6	0.0	16.9	16.9	
15	17.5	26.0	21.1	81.0	20.005	17.5	0.0	0.0	0.0	
16	17.5	28.5	20.8	75.2	18.984	16.7	0.5	0.0	0.5	
17	15.5	27.2	20.6	74.8	17.849	15.7	0.4	0.0	0.4	
18	16.5	28.0	23.2	71.4	19.684	17.2	0.0	1.1	1.1	
19	18.0	25.7	20.5	79.3	19.306	16.9	7.5	0.0	7.5	
20	16.3	28.2	22.1	75.6	19.664	17.2	0.0	0.0	0.0	
21	16.5	27.5	22.3	69.5	18.678	16.4	0.0	0.0	0.0	
22	15.7	27.4	22.0	72.9	18.847	16.5	0.0	0.0	0.0	
23	15.7	29.2	23.0	70.0	18.901	16.6	0.0	0.0	0.0	
24	17.2	29.0	23.4	67.8	19.117	16.8	0.0	0.0	0.0	
25	17.4	28.0	23.0	69.7	19.273	16.9	0.0	0.0	0.0	
26	17.7	28.8	23.0	73.0	20.252	17.7	0.0	0.0	0.0	
27	17.8	28.9	21.7	76.5	19.998	17.5	3.1	0.0	3.1	
28	17.9	29.5	21.8	75.2	19.395	17.0	0.0	0.0	0.0	
29	16.5	28.2	21.7	78.1	20.062	17.6	18.6	0.0	18.6	
30	17.9	28.0	22.5	73.4	19.509	17.1	0.0	3.0	3.0	
PROM.	16.8	27.3	21.7	76.8	19.650	17.2	59.7	198.0	257.7	

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	18.5	27.0	22.0	79.4	20.681	18.0	0.2	0.0	0.2	
2	17.0	28.3	22.7	71.5	19.422	17.1	0.0	0.0	0.0	
3	18.9	25.0	22.0	78.2	20.715	18.1	0.0	0.4	0.4	
4	17.8	28.3	21.3	82.8	21.058	18.3	0.2	3.9	4.1	
5	16.9	29.0	23.0	75.5	20.453	17.9	0.0	0.7	0.7	
6	18.7	29.3	21.3	82.6	21.363	18.6	16.9	0.9	17.8	
7	17.0	28.3	22.8	76.1	20.461	17.8	0.0	21.4	21.4	
8	16.7	27.2	20.4	82.2	19.751	17.3	4.2	0.8	5.0	
9	17.7	26.5	20.9	81.4	19.913	17.4	0.0	12.3	12.3	
10	16.7	26.0	20.9	81.8	20.109	17.6	0.2	11.5	11.7	
11	16.7	26.2	20.3	82.6	19.597	17.2	2.7	0.0	2.7	
12	17.7	26.5	20.9	81.2	20.148	17.6	0.0	0.0	0.0	
13	16.3	27.3	20.5	78.3	18.870	16.6	3.3	0.6	3.9	
14	16.5	28.0	21.1	79.0	19.340	17.0	0.2	0.4	0.6	
15	16.5	26.0	21.3	76.2	18.712	16.4	0.0	0.0	0.0	
16	17.5	27.2	21.6	81.7	20.725	18.1	0.0	0.0	0.0	
17	17.5	28.7	23.1	74.5	20.386	17.8	0.0	0.0	0.0	
18	19.1	28.9	22.9	76.2	20.966	18.2	0.0	24.6	24.6	
19	17.7	26.5	21.3	77.3	19.400	17.0	0.4	0.0	0.4	
20	17.3	28.5	22.1	76.2	20.204	17.6	0.0	0.0	0.0	
21	16.5	29.0	22.8	70.0	19.287	16.9	0.0	0.0	0.0	
22	18.0	26.2	19.9	83.3	19.601	17.2	17.3	0.0	17.3	
23	17.0	26.0	20.5	84.5	20.413	17.8	3.7	11.8	15.5	
24	17.2	25.0	20.0	85.3	19.994	17.5	3.0	0.0	3.0	
25	16.6	28.2	21.1	76.3	19.417	17.1	1.6	0.7	2.3	
26	17.0	26.0	20.6	79.5	19.255	16.9	0.0	0.0	0.0	
27	17.0	26.5	21.1	81.4	20.352	17.8	0.0	0.0	0.0	
28	17.7	26.3	19.9	84.1	19.772	17.3	8.3	0.9	9.2	
29	16.0	27.0	21.2	82.4	20.517	17.9	0.0	0.0	0.0	
30	17.9	22.9	19.8	87.4	20.328	17.7	29.0	0.0	29.0	
31	16.2	27.7	20.2	83.9	19.931	17.4	12.1	12.6	24.7	
PROM.	17.3	27.1	21.3	79.8	20.037	17.5	103.3	103.5	206.8	

ESTACION: RAFAEL ESCOBAR
 ALTITUD: 1.320

MUNICIPIO: SUPIA
 LATITUD: 5-28 N.

AÑO: 1.981
 LONGITUD: 75-39 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mh.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	25.0	19.7	89.9	21.269	18.3	0.0	0.0	0.0	
2	15.7	25.6	20.7	74.5	18.212	16.0	0.0	0.0	0.0	
3	16.2	28.4	22.6	70.9	19.036	16.7	0.0	2.7	2.7	
4	18.0	27.9	20.8	82.5	20.466	17.9	19.1	4.8	23.9	
5	16.5	27.4	22.2	76.0	20.032	17.5	0.0	0.0	0.0	
6	17.2	28.9	23.4	74.9	21.032	18.3	0.0	55.5	55.5	
7	17.0	28.5	21.0	80.1	20.189	17.6	17.7	10.5	28.2	
8	16.0	28.4	21.0	81.2	19.832	17.3	1.2	27.4	28.6	
9	16.7	26.7	21.5	81.3	20.545	17.9	0.0	20.3	20.3	
10	17.5	27.3	21.6	79.9	20.342	17.8	0.0	0.0	0.0	
11	16.5	27.4	22.8	75.5	20.673	18.0	0.0	11.1	11.1	
12	16.3	27.2	21.4	80.0	20.306	17.7	1.5	1.4	2.9	
13	16.0	27.0	21.9	80.1	20.696	18.0	0.2	13.4	13.6	
14	16.5	25.8	21.1	82.9	20.953	18.2	9.2	1.2	10.4	
15	17.5	27.0	22.3	78.7	20.608	17.9	0.0	1.4	1.4	
16	16.4	27.0	21.3	82.8	21.239	18.4	0.0	0.4	0.4	
17	16.5	28.3	22.3	78.3	20.827	18.1	0.0	1.0	1.0	
18	17.7	28.5	21.7	77.1	20.222	17.7	0.0	0.0	0.0	
19	17.2	28.2	22.8	74.6	20.312	17.7	0.0	8.7	8.7	
20	17.5	26.0	20.4	83.2	19.926	17.4	7.6	1.3	8.9	
21	17.5	25.2	21.1	80.1	19.785	17.3	0.4	0.1	0.5	
22	17.7	26.0	21.1	80.1	19.989	17.5	0.4	0.0	0.4	
23	17.6	28.5	22.2	77.3	20.560	17.9	2.8	31.6	34.4	
24	16.0	27.4	21.3	82.4	20.730	18.1	0.0	13.8	13.8	
25	17.8	26.0	20.8	81.2	20.064	17.6	0.0	0.0	0.0	
26	16.9	28.6	22.6	77.6	20.966	18.2	0.0	0.0	0.0	
27	17.3	27.6	20.4	80.7	19.672	17.3	6.7	0.5	7.2	
28	17.0	27.2	21.5	79.7	20.235	17.7	0.0	9.3	9.3	
29	17.5	25.0	20.6	81.7	19.765	17.3	0.1	8.8	8.9	
30	17.8	27.0	21.7	78.6	20.123	17.6	0.0	0.6	0.6	
PROM.	17.4	27.2	21.5	79.5	20.287	17.7	66.9	225.8	292.7	

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mh.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	27.4	22.5	76.8	20.469	17.9	0.0	50.6	50.6	0.3
2	16.8	27.5	22.0	79.5	20.939	18.2	0.0	0.0	0.0	7.2
3	16.9	29.0	22.2	75.4	19.800	17.3	0.0	0.0	0.0	8.7
4	16.4	26.9	22.5	78.3	21.259	18.5	0.1	0.0	0.1	0.2
5	17.0	27.2	19.8	82.3	19.800	17.3	30.0	34.3	64.3	1.9
6	17.3	26.0	20.9	82.9	20.607	18.0	0.0	0.6	0.6	3.1
7	17.9	28.8	22.1	78.6	20.642	18.0	0.0	3.4	3.4	6.6
8	16.4	28.1	22.6	79.1	21.339	18.5	0.0	0.0	0.0	5.0
9	17.8	27.0	22.0	78.5	20.741	18.1	0.1	0.0	0.1	4.4
10	19.0	24.0	20.6	84.6	20.507	17.9	0.1	0.0	0.1	0.0
11	17.0	26.3	20.4	82.5	19.773	17.3	1.3	0.6	1.9	3.4
12	17.0	26.4	21.9	81.0	21.150	18.3	0.0	0.0	0.0	6.1
13	16.2	28.0	23.1	77.0	21.254	18.5	0.0	8.5	8.5	8.3
14	16.5	28.5	22.5	77.9	21.005	18.2	0.0	7.5	7.5	6.6
15	17.4	27.8	21.6	79.1	20.062	17.5	0.1	0.0	0.1	7.9
16	16.7	28.1	22.1	75.8	20.136	17.5	0.0	0.0	0.0	8.9
17	16.8	28.0	23.1	73.1	20.309	17.7	0.0	0.5	0.5	7.8
18	16.6	28.4	21.5	80.3	20.632	18.0	0.0	0.0	0.0	5.0
19	17.0	27.0	22.1	76.2	20.406	17.6	0.0	0.0	0.0	3.3
20	18.0	27.2	21.9	78.3	20.216	17.7	0.6	35.9	36.5	2.5
21	17.4	26.0	20.7	84.3	20.551	17.9	0.0	28.4	28.4	4.2
22	16.5	26.0	21.2	75.1	18.527	16.3	0.0	0.0	0.0	8.0
23	17.3	28.2	22.2	74.7	19.624	17.2	0.0	0.0	0.0	8.4
24	18.2	28.3	22.9	74.8	20.463	17.9	0.0	0.0	0.0	7.1
25	17.6	23.8	20.8	84.3	20.636	18.0	0.0	0.0	0.0	0.1
26	17.4	27.0	21.9	75.9	19.496	17.1	0.0	0.0	0.0	4.8
27	17.6	28.3	22.5	75.6	20.192	17.7	0.0	0.0	0.0	9.3
28	17.5	28.2	22.8	76.9	20.990	18.3	0.0	0.0	0.0	9.9
29	19.0	21.2	19.8	93.5	21.814	18.9	0.1	0.0	0.1	0.0
30	16.6	26.5	21.9	76.4	19.584	17.2	0.0	11.7	11.7	5.2
31	16.4	26.0	20.6	76.8	18.551	16.3	0.0	0.0	0.0	4.8
PROM.	17.6	27.1	21.8	78.9	20.370	17.8	32.4	182.0	214.4	159.0

ESTACION: RAFAEL ESCOBAR

MUNICIPIO SUPIA

AÑO: 1981

ALTITUD: 1.320

LATITUD: 5-28 N.

LONGITUD: 75-39 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.9	28.5	22.2	15.6	30.5	72.7	19.008	16.6	56.3	6	179.6
FEBRERO	18.2	28.7	23.0	16.6	32.5	75.0	20.493	17.9	43.1	11	51.8
MARZO	18.1	28.5	22.8	16.2	32.4	77.1	21.063	18.3	179.0	15	102.2
ABRIL	18.1	27.3	22.2	15.0	31.2	80.7	21.326	18.5	214.4	17	
MAYO	17.6	25.9	21.2	16.6	28.5	82.5	20.735	18.0	304.8	23	
JUNIO	17.7	26.1	21.3	16.5	28.2	80.4	20.286	17.7	196.9	18	
JULIO	17.1	26.8	21.7	15.2	29.7	76.3	19.451	17.0	95.4	12	
AGOSTO	17.4	27.6	22.0	15.9	30.0	77.1	20.072	17.5	183.9	20	
SEPTIEMBRE	16.8	27.3	21.7	15.4	29.5	76.8	19.650	17.2	257.7	19	
OCTUBRE	17.3	27.1	21.3	16.0	29.3	79.8	20.037	17.5	206.8	21	
NOVIEMBRE	17.4	27.2	21.5	15.7	28.9	79.5	20.287	17.7	292.7	23	
DICIEMBRE	17.6	27.1	21.8	16.4	29.0	78.9	20.370	17.8	214.4	16	159.0
PROMEDIO	17.5	27.3	21.9	15.9	30.0	78.1	20.232	17.6			
TOTAL									2245.4 201		

ESTACION: SANTA ELENA
 ALTITUD: 1.450

MUNICIPIO: MARQUETALIA AÑO: 1.921
 LATITUD: 5-18 N. LONGITUD: 75-49 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	15.2	23.8	18.5	96.8	21.103	18.2	0.0	20.4	20.4	2.8
2	16.2	24.2	19.2	93.2	21.074	18.3	0.0	5.9	5.9	4.3
3	16.4	25.2	20.1	87.0	20.709	18.1	0.0	0.0	0.0	5.8
4	16.2	25.2	20.6	78.4	19.114	16.7	0.0	29.2	29.2	8.2
5	17.0	26.5	20.7	90.7	22.316	19.2	0.0	0.4	0.4	6.8
6	17.8	25.5	20.5	89.3	21.706	18.8	0.0	0.0	0.0	2.7
7	17.5	25.0	20.8	89.7	22.165	19.1	6.8	0.0	6.8	3.7
8	16.5	27.6	20.6	78.5	19.385	17.0	0.0	45.0	45.0	4.1
9	17.5	24.7	20.7	90.4	21.802	18.9	0.0	0.0	0.0	6.2
10	17.0	24.5	21.0	88.8	22.259	19.0	0.0	6.0	6.0	8.3
11	15.0	25.0	20.2	89.3	21.288	18.4	0.0	31.0	31.0	4.8
12	16.0	23.8	19.6	91.3	21.221	18.4	0.0	0.0	0.0	3.7
13	17.0	22.9	17.6	97.5	19.549	17.1	0.0	0.7	0.7	3.8
14	15.0	21.8	18.3	90.9	19.121	16.7	0.0	0.0	0.0	4.6
15	15.6	23.5	19.6	87.8	19.844	17.4	0.0	6.2	6.2	5.4
16	17.0	24.5	19.9	89.2	20.660	18.0	0.0	0.0	0.0	9.4
17	17.0	25.0	20.7	82.5	20.299	17.6	0.0	3.9	3.9	6.0
18	17.5	26.0	20.6	87.3	21.196	18.4	2.8	0.0	2.8	7.7
19	17.0	23.5	20.0	83.7	19.739	17.2	0.0	0.0	0.0	9.0
20	16.5	25.0	20.1	79.8	19.273	16.8	0.0	0.0	0.0	10.2
21	16.5	25.0	20.8	76.9	19.162	16.7	0.0	0.0	0.0	6.7
22	16.0	24.5	19.8	82.2	18.919	16.6	0.0	0.0	0.0	10.1
23	16.5	26.0	20.6	78.6	19.303	16.7	0.0	0.0	0.0	6.0
24	17.0	25.0	20.7	84.5	20.633	18.0	0.0	55.2	55.2	6.8
25	16.0	23.6	19.4	88.7	19.827	17.3	0.0	0.0	0.0	6.5
26	16.5	24.5	19.7	83.8	19.582	17.0	0.0	5.0	5.0	4.8
27	16.6	24.8	21.2	84.1	21.174	18.4	0.0	1.7	1.7	1.5
28	16.9	25.6	21.0	86.4	21.560	18.7	22.9	95.1	118.0	6.4
29	15.5	23.3	18.6	87.1	18.581	16.3	2.4	0.0	2.4	2.3
30	17.6	26.0	21.3	76.5	19.679	17.1	0.0	66.6	66.6	2.1
31	15.5	25.3	20.4	81.6	19.211	16.8	2.1	0.0	2.1	
PROM.	16.5	24.7	20.1	86.2	20.369	17.7	37.0	372.3	409.3	180.8

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	17.5	24.0	21.3	82.7	20.824	18.0	0.0	0.0	0.0	1.5
2	17.5	26.5	21.8	76.5	20.158	17.5	0.0	34.1	34.1	8.3
3	16.0	25.0	20.2	79.3	19.128	16.6	0.0	0.0	0.0	4.2
4	17.5	24.5	20.6	86.8	21.237	18.4	0.0	50.1	50.1	4.9
5	16.0	25.0	19.7	84.9	19.522	17.0	0.0	2.2	2.2	2.1
6	17.0	25.6	21.4	78.8	19.751	17.2	0.0	0.3	0.3	8.4
7	17.3	25.8	20.9	81.5	20.126	17.6	29.8	0.0	29.8	3.4
8	18.0	26.0	21.8	81.0	21.663	18.5	0.0	37.0	37.0	6.9
9	16.0	22.8	19.6	90.1	20.692	18.0	2.7	0.0	2.7	1.9
10	18.0	27.8	22.6	76.3	20.880	18.1	0.0	20.1	20.1	10.5
11	16.8	27.7	21.7	87.0	22.563	19.4	12.5	65.3	77.8	5.3
12	15.5	25.3	20.1	85.2	19.972	17.5	1.2	0.0	1.2	5.0
13	18.0	25.6	20.9	82.0	20.585	17.9	0.0	5.5	5.5	2.8
14	17.5	23.5	19.8	85.9	19.992	17.5	0.0	49.0	49.0	1.1
15	17.0	23.5	20.5	87.7	21.271	18.5	0.0	0.0	0.0	2.4
16	17.5	25.0	20.9	90.5	22.377	19.2	0.0	24.9	24.9	2.1
17	18.0	22.5	19.3	92.5	20.705	18.0	1.7	0.2	1.9	0.1
18	18.0	27.0	21.8	78.7	20.502	17.8	0.0	6.2	6.2	8.0
19	17.5	25.5	20.0	86.2	20.090	17.5	0.4	36.2	36.6	1.2
20	16.5	23.0	20.0	87.5	20.366	17.8	11.9	0.0	11.9	0.8
21	16.5	25.0	21.4	66.8	16.980	14.7	0.0	0.0	0.0	5.1
22	18.0	24.4	20.4	88.7	21.235	18.4	15.3	0.0	15.3	1.3
23	16.2	20.5	17.4	87.5	17.480	15.4	48.4	0.0	48.4	0.0
24	16.0	24.5	20.2	86.8	20.650	18.0	0.0	69.4	69.4	6.2
25	16.0	23.5	19.5	92.9	21.226	18.4	10.3	0.0	10.3	0.9
26	17.5	27.0	21.6	83.3	21.586	18.6	0.0	0.0	0.0	9.1
27	19.5	28.3	23.1	76.3	21.892	19.0	0.0	0.0	0.0	8.8
28	19.5	27.6	22.3	76.4	20.846	18.0	0.0	0.0	0.0	6.2
PROM	17.1	25.1	20.7	83.6	20.518	17.8	134.2	400.5	534.7	118.5

ESTACION: SANTA ELENA

MUNICIPIO: MARQUETALIA AÑO: 1.961

ALTITUD: 1.450

LATITUD: 5-18 N.

LONGITUD: 75-49 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.2	28.8	23.9	62.7	18.423	16.2	0.0	0.0	0.0	10.7
2	20.0	26.5	23.2	67.1	19.243	16.7	0.0	0.0	0.0	7.7
3	19.0	26.5	22.5	66.9	18.397	16.2	0.0	0.0	0.0	10.0
4	19.0	26.0	23.0	57.6	15.977	14.0	0.0	0.0	0.0	10.8
5	19.0	26.0	21.2	90.1	22.764	19.4	0.0	41.6	41.6	5.5
6	14.3	23.3	19.7	80.6	18.514	16.2	0.0	0.0	0.0	3.5
7	16.0	24.5	20.2	89.9	21.250	18.5	0.3	14.9	15.2	3.3
8	16.0	22.5	20.0	93.5	21.880	18.9	0.0	28.2	28.2	2.6
9	16.0	23.0	19.9	90.4	20.993	18.3	0.0	24.5	24.5	0.9
10	17.0	23.5	19.3	94.5	21.188	18.4	0.0	16.8	16.8	1.6
11	17.0	25.0	20.8	83.4	20.461	17.8	0.0	2.1	2.1	5.9
12	17.0	24.6	19.7	90.4	20.973	18.2	3.5	0.0	3.5	1.1
13	17.6	23.4	21.1	78.0	19.461	17.0	0.0	83.0	83.0	5.4
14	16.6	24.0	19.6	92.7	21.052	18.3	0.6	26.1	26.7	3.9
15	15.6	24.4	19.8	87.8	20.173	17.5	55.4	16.6	72.0	2.2
16	17.5	23.5	19.8	89.3	20.965	18.2	0.0	6.1	6.1	3.9
17	17.6	23.6	19.8	82.1	19.123	16.7	0.0	0.0	0.0	3.9
18	16.6	24.5	20.1	88.8	21.099	18.3	0.0	11.5	11.5	4.2
19	17.0	23.2	19.7	87.3	20.142	17.6	0.0	0.0	0.0	1.5
20	17.0	24.9	20.7	79.7	19.615	17.2	0.2	0.0	0.2	7.4
21	15.6	24.9	19.8	84.4	20.109	17.5	0.0	0.0	0.0	6.5
22	16.0	23.5	19.2	86.2	19.596	17.2	0.0	0.0	0.0	4.7
23	16.0	24.5	20.3	74.2	17.902	15.7	0.0	0.7	0.7	8.9
24	16.0	24.5	20.3	81.3	19.455	16.9	0.0	0.0	0.0	8.6
25	17.5	23.0	19.9	87.0	20.163	17.5	0.0	29.5	29.5	6.7
26	15.5	23.5	19.4	88.3	19.731	17.3	22.1	0.0	22.1	1.1
27	16.6	24.7	21.1	83.7	21.216	18.3	0.0	10.5	10.5	7.3
28	18.0	25.5	22.0	81.1	21.472	18.6	0.5	5.8	6.3	2.4
29	16.0	25.5	20.7	89.4	21.919	19.0	0.0	0.1	0.1	5.6
30	14.6	22.6	19.7	82.9	19.112	16.6	0.0	8.0	8.0	4.8
31	16.0	26.4	21.7	82.8	21.314	18.3	0.0	0.0	0.0	7.1
PROM.	16.9	24.6	20.6	83.0	20.119	17.5	82.6	326.0	408.6	159.7

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	18.0	28.5	24.3	55.5	16.606	14.5	0.0	0.0	0.0	10.6
2	18.0	25.6	22.4	73.7	19.893	17.4	0.0	1.4	1.4	2.8
3	17.0	25.7	21.0	90.3	22.819	19.5	0.0	5.0	5.0	2.8
4	15.6	22.9	19.3	91.1	20.871	18.2	18.0	23.0	41.0	2.6
5	16.6	24.0	20.1	83.6	19.868	17.4	0.0	2.0	2.0	1.3
6	16.5	23.6	19.9	88.2	20.479	17.4	0.0	0.0	0.0	4.6
7	17.5	24.6	20.9	83.3	20.843	18.1	0.0	45.8	45.8	1.9
8	16.0	26.0	21.2	83.3	21.138	18.3	0.8	2.2	3.0	6.2
9	16.5	24.4	20.2	91.2	21.489	18.6	0.0	0.0	0.0	3.3
10	18.5	24.5	21.5	84.1	21.573	18.7	0.0	0.0	0.0	1.2
11	19.0	26.0	22.2	85.1	22.705	19.3	2.1	2.8	4.9	1.2
12	18.5	22.6	19.8	95.2	22.165	19.1	0.5	0.0	0.5	0.1
13	17.5	23.5	22.3	76.4	20.799	18.0	0.0	17.9	17.9	5.5
14	17.0	25.6	20.6	88.8	21.353	18.0	0.3	11.1	11.4	3.4
15	16.5	22.8	19.7	86.4	19.669	17.1	0.0	25.4	25.4	3.5
16	15.5	22.5	19.4	89.9	19.912	17.4	31.2	0.4	31.6	1.4
17	17.0	24.8	21.1	84.1	21.104	18.3	0.0	0.0	0.0	3.0
18	17.5	26.3	20.5	82.1	20.206	17.6	1.5	9.4	10.9	4.5
19	16.0	20.0	17.4	95.4	18.888	16.6	2.9	0.2	3.1	0.0
20	15.0	22.0	18.6	90.9	19.580	17.1	0.0	0.0	0.0	1.1
21	15.3	23.0	20.3	85.3	20.701	18.0	0.0	13.9	13.9	5.3
22	15.6	22.5	19.0	90.8	20.079	17.5	7.0	6.0	13.0	0.7
23	15.3	24.8	19.3	90.4	20.762	18.0	0.0	0.0	0.0	6.7
24	16.2	24.0	20.2	80.6	20.589	17.9	0.0	0.0	0.0	4.9
25	16.4	24.6	20.6	87.9	21.335	18.0	1.6	9.1	10.7	6.4
26	16.0	24.1	19.8	82.4	18.993	16.0	0.0	9.9	9.9	1.9
27	16.5	22.0	19.1	97.9	21.478	18.6	0.3	58.2	58.5	0.0
28	16.0	23.0	19.1	90.7	20.083	17.6	0.9	0.0	0.9	0.4
29	16.0	24.6	20.9	82.4	20.518	17.9	17.3	2.2	19.5	1.8
30	17.4	23.8	20.1	84.7	20.198	17.7	5.6	0.3	5.9	0.6
PROM.	16.7	24.2	20.4	85.9	20.557	17.9	90.0	246.2	336.2	90.6

ESTACION: SANTA ELENA

MUNICIPIO: MARQUETALIA AÑO: 1.981

ALTITUD: 1.450

LATITUD: 5-18 N.

LONGITUD: 75-49 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	16.7	22.5	18.9	80.6	17.683	15.3	4.0	5.8	9.8	0.4
2	17.5	25.0	20.1	81.6	19.479	17.1	1.2	4.1	5.3	1.9
3	17.0	23.2	19.4	83.9	19.026	16.7	0.1	0.0	0.1	0.9
4	16.2	22.6	21.0	79.0	20.012	17.4	9.3	0.0	9.3	1.6
5	17.5	22.5	19.8	83.3	19.375	17.0	17.5	37.8	55.3	0.2
6	16.0	23.6	20.6	68.7	16.258	14.3	0.3	0.0	0.3	4.9
7	16.2	24.3	20.3	80.9	19.157	16.8	0.0	25.0	25.0	2.9
8	16.6	23.2	19.7	78.2	18.014	15.8	1.1	14.4	15.5	5.0
9	15.7	19.8	18.1	87.0	18.101	15.9	1.4	0.3	1.7	0.0
10	15.8	24.5	20.0	71.3	16.931	14.8	0.0	7.2	7.2	5.5
11	16.2	24.4	20.5	86.0	20.815	18.1	0.0	5.4	5.4	4.1
12	16.5	22.0	19.4	80.7	18.042	15.9	12.9	0.0	12.9	2.1
13	17.2	23.7	20.8	76.3	18.839	16.4	0.0	0.0	0.0	2.8
14	17.2	24.8	19.9	78.8	18.108	15.6	1.1	0.0	1.1	1.6
15	16.3	25.0	21.2	76.4	19.436	16.9	0.0	15.1	15.1	5.0
16	16.5	21.6	19.6	81.4	18.469	16.2	1.4	0.0	1.4	0.4
17	17.4	24.8	20.9	72.0	17.829	15.6	0.0	19.6	19.6	5.8
18	16.7	21.2	19.6	81.4	18.578	16.2	8.6	0.0	8.6	0.0
19	17.4	24.2	20.9	80.5	19.841	17.3	0.2	0.0	0.2	3.0
20	18.6	26.8	22.7	64.4	17.883	15.7	0.0	0.0	0.0	11.4
21	18.5	25.6	22.5	62.8	17.168	15.1	0.0	0.0	0.0	6.2
22	18.6	26.6	22.6	69.5	18.598	16.7	0.0	12.6	12.6	8.5
23	17.8	25.4	21.1	76.0	19.137	16.8	0.0	8.0	8.0	3.3
24	17.6	24.4	20.8	83.7	20.287	17.7	7.9	31.8	39.7	2.2
25	17.1	22.6	19.4	88.0	19.952	17.5	4.7	4.8	9.5	2.1
26	10.7	26.4	21.2	70.9	17.997	15.6	0.0	6.1	6.1	4.9
27	17.2	23.7	20.4	81.8	19.598	17.2	0.6	18.3	18.9	1.2
28	17.0	24.3	21.0	74.0	18.676	16.1	0.0	120.8	120.8	7.0
29	16.2	23.0	19.6	82.8	18.887	16.5	0.0	16.3	16.3	3.0
30	17.2	24.9	20.3	78.5	18.918	16.6	2.6	17.8	20.4	3.3
31	17.0	22.5	19.9	78.0	18.214	16.0	1.9	2.9	4.8	2.3
PROM.	17.0	23.8	20.4	78.0	18.700	16.4	70.8	374.1	450.9	103.5

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	23.5	19.3	78.8	18.095	15.9	2.5	25.5	28.0	5.5
2	15.5	22.8	19.5	82.3	18.603	16.4	0.0	0.0	0.0	0.6
3	17.3	24.0	20.5	72.5	17.631	15.5	0.0	4.6	4.6	5.0
4	17.6	24.6	20.7	76.9	18.835	16.5	0.3	0.0	0.3	5.4
5	18.0	27.5	22.6	68.4	18.506	16.2	0.0	50.6	50.6	9.3
6	16.6	25.0	20.9	79.3	19.901	17.4	1.1	0.0	1.1	1.7
7	16.5	23.4	19.7	82.1	18.822	16.5	4.5	22.3	26.8	1.6
8	16.5	22.2	18.8	85.2	18.546	16.3	0.0	20.2	20.2	1.4
9	15.5	21.0	18.9	87.7	19.222	16.9	0.0	0.6	0.6	0.0
10	16.2	22.8	19.2	88.8	19.794	17.3	6.1	1.6	7.7	3.1
11	16.7	23.7	19.8	86.2	20.131	17.0	0.3	9.1	9.4	4.4
12	17.5	21.5	19.4	89.8	20.183	17.7	0.2	29.8	30.0	1.3
13	16.6	22.6	19.6	76.4	17.578	15.4	0.0	0.2	0.2	3.1
14	16.3	24.5	20.9	75.7	18.884	16.6	0.0	0.0	0.0	9.4
15	18.0	25.5	21.5	62.0	16.370	14.3	0.5	2.2	2.7	10.7
16	17.5	23.6	19.7	86.0	19.719	17.3	0.0	60.5	60.5	4.5
17	15.7	24.8	21.2	68.9	17.301	15.1	0.0	9.1	9.1	6.7
18	15.5	23.6	19.2	75.7	17.189	15.1	10.0	0.0	10.0	2.3
19	16.5	22.5	19.7	71.0	16.354	14.1	0.0	8.5	8.5	4.0
20	17.0	23.8	21.3	79.4	20.089	17.6	0.0	3.9	3.9	5.0
21	17.0	24.0	21.1	76.0	19.222	16.7	0.0	0.0	0.0	3.8
22	18.0	24.8	21.4	79.5	20.063	17.6	0.3	23.0	23.3	6.1
23	15.0	24.5	21.7	61.2	16.113	13.9	0.0	0.0	0.0	3.7
24	17.5	24.5	20.7	73.7	18.072	15.9	0.0	0.0	0.0	6.4
25	17.4	25.5	21.4	63.7	16.208	14.2	0.0	0.0	0.0	5.6
26	17.3	25.2	20.8	68.5	16.906	14.9	0.0	0.0	0.0	5.4
27	18.6	25.5	22.1	64.7	17.284	15.1	0.0	0.0	0.0	5.1
28	18.5	26.5	22.6	67.2	18.346	16.1	0.0	6.3	6.3	5.2
29	18.5	23.0	19.6	84.3	19.257	16.9	0.0	2.6	2.6	0.9
30	16.6	22.8	18.9	85.5	18.546	16.3	19.6	0.0	19.6	0.7
PROM	16.9	24.0	20.4	76.6	18.392	16.1	53.1	280.6	333.7	127.9

ESTACION: SANTA ELENA

MUNICIPIO: MARQUETALIA AÑO:

1.981

ALTITUD: 1.450

LATITUD: 5-18 N.

LONGITUD: 75-49 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	23.3	19.2	77.8	17.296	15.1	0.0	32.4	32.4	3.9
2	14.5	23.8	19.9	71.9	17.136	14.8	0.0	0.9	0.9	6.7
3	17.3	24.7	20.2	73.5	17.709	15.4	0.0	0.0	0.0	10.4
4	17.0	24.0	20.2	70.1	16.676	14.6	0.0	0.0	0.0	4.0
5	16.0	22.5	18.2	87.7	18.664	16.4	41.7	20.1	61.8	2.8
6	14.5	24.5	19.8	72.8	16.933	14.7	0.0	1.3	1.3	6.7
7	17.0	25.0	20.6	70.9	17.405	15.3	0.0	0.0	0.0	11.0
8	17.5	26.0	22.3	56.3	15.064	13.0	0.0	0.0	0.0	10.5
9	18.2	25.9	21.1	70.0	17.381	15.3	0.0	5.9	5.9	6.4
10	17.0	24.9	19.6	73.8	16.768	14.5	0.0	0.0	0.0	4.6
11	17.5	24.0	21.0	70.6	17.272	15.1	0.0	0.3	0.3	5.9
12	17.5	26.2	20.7	70.2	17.122	15.1	0.0	0.0	0.0	7.1
13	17.0	24.8	21.2	63.4	15.368	13.2	0.0	0.7	0.7	8.7
14	16.5	23.0	20.0	71.3	16.404	14.4	0.0	0.5	0.5	4.1
15	16.3	24.7	20.0	71.1	16.455	14.4	0.0	0.0	0.0	4.6
16	17.5	24.8	20.8	68.3	16.866	14.8	0.0	2.7	2.7	4.7
17	17.0	21.5	18.3	75.3	16.131	13.8	3.0	0.1	3.1	0.0
18	15.9	22.5	20.5	68.8	16.815	14.7	0.0	2.6	2.6	5.6
19	17.0	23.9	20.6	70.9	16.738	14.7	9.1	0.0	9.1	5.3
20	17.5	24.0	19.9	57.1	13.414	11.3	0.0	0.0	0.0	5.6
21	16.5	24.7	21.6	44.3	11.348	8.7	0.0	0.0	0.0	7.9
22	16.3	26.2	22.0	47.4	12.377	9.9	0.0	0.0	0.0	10.9
23	17.5	26.2	22.7	40.9	11.012	8.1	0.0	0.0	0.0	11.6
24	16.5	25.9	22.1	35.6	9.486	6.1	0.0	0.0	0.0	11.4
25	16.0	25.5	21.7	38.1	9.687	6.5	0.0	0.0	0.0	11.6
26	17.0	26.6	22.6	42.3	11.369	8.9	0.0	0.0	0.0	11.1
27	17.2	26.0	21.9	41.3	10.970	8.3	0.0	0.0	0.0	11.3
28	17.0	25.5	21.4	41.8	10.662	7.9	0.0	0.0	0.0	9.4
29	17.0	25.6	21.8	45.8	12.142	9.8	0.0	0.0	0.0	10.2
30	18.0	26.9	22.6	43.5	11.881	9.5	0.0	0.0	0.0	8.1
31	18.2	27.3	23.1	42.7	11.975	9.6	0.0	0.0	0.0	9.9
PROM.	16.8	24.9	20.9	60.5	14.727	12.4	53.8	67.5	121.3	232.0

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	17.6	26.6	22.7	46.4	12.552	10.3	0.0	0.0	0.0	8.2
2	17.5	25.9	22.2	57.9	15.126	12.9	0.0	0.0	0.0	6.6
3	18.0	26.0	22.0	47.8	12.489	10.2	0.0	0.0	0.0	3.2
4	17.0	27.3	23.0	46.3	12.574	10.2	0.0	0.0	0.0	10.4
5	18.5	28.5	24.3	36.8	11.011	8.3	0.0	0.0	0.0	10.1
6	16.5	26.8	23.0	58.0	15.514	13.5	0.0	1.2	1.2	9.2
7	16.5	24.5	20.3	76.3	18.260	16.0	1.3	19.7	21.0	1.7
8	16.6	24.0	20.1	83.2	19.355	17.0	0.0	3.9	3.9	6.0
9	15.5	24.4	20.8	61.9	15.274	13.3	0.0	0.0	0.0	2.3
10	17.0	26.8	23.0	45.8	12.693	10.3	0.0	0.0	0.0	11.1
11	17.5	26.5	21.7	71.9	18.403	16.0	0.0	32.6	32.6	6.4
12	14.5	21.0	18.6	76.3	16.505	14.5	0.0	0.0	0.0	0.6
13	16.8	24.6	20.8	61.9	14.829	12.6	0.0	0.0	0.0	7.1
14	16.5	24.6	20.7	52.3	12.874	10.6	0.0	0.0	0.0	1.2
15	16.0	25.0	21.5	68.4	17.443	15.2	0.0	55.1	55.1	10.2
16	14.5	25.9	20.6	76.4	18.330	16.1	0.0	150.3	150.3	8.2
17	14.0	22.0	19.3	73.3	16.532	14.5	3.7	0.0	3.7	1.0
18	16.0	24.2	19.9	72.7	16.592	14.5	0.6	10.7	11.3	5.3
19	16.0	24.0	20.6	52.6	12.550	10.1	0.0	0.0	0.0	10.4
20	16.5	25.5	22.1	42.1	11.139	8.5	0.0	4.5	4.5	11.0
21	17.0	25.4	20.7	64.0	15.833	13.5	0.0	24.9	24.9	8.5
22	14.0	23.8	19.0	72.8	15.695	13.7	0.2	4.6	4.8	4.2
23	15.6	21.0	17.8	78.2	15.942	13.9	1.2	2.9	4.1	0.3
24	15.6	25.0	19.1	81.3	17.795	15.7	0.0	54.8	54.8	7.9
25	14.6	22.5	17.9	86.9	17.835	15.7	2.8	0.0	2.8	2.2
26	15.4	24.0	18.7	69.9	15.125	12.9	0.0	0.0	0.0	5.0
27	16.5	25.0	21.1	68.6	17.156	14.9	0.0	0.0	0.0	9.8
28	17.0	24.9	21.3	65.5	16.619	14.5	0.1	0.0	0.1	7.4
29	17.0	25.3	19.5	71.9	16.724	14.6	12.5	0.0	12.5	5.3
30	15.5	24.5	20.3	67.4	15.564	13.8	0.0	19.8	19.8	7.4
31	14.5	25.4	19.4	80.9	18.313	16.1	0.0	2.1	2.1	3.5
PROM.	16.2	24.9	20.7	65.0	15.582	13.4	22.4	387.1	409.5	191.7

ESTACION: SANTA ELENA

MUNICIPIO: MARQUETALIA AÑO: 1961

1961

ALTITUD: 1.450

LATITUD: 5-18 N.

LONGITUD: 75-49 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	23.8	18.6	73.2	15.727	13.7	0.2	2.2	2.4	1.8
2	15.5	24.5	20.6	63.6	15.035	13.0	0.0	0.0	0.0	7.0
3	15.5	23.8	20.1	80.4	18.673	16.3	15.0	21.5	36.5	4.0
4	15.0	25.0	19.9	77.6	17.761	15.6	4.6	20.1	24.7	2.6
5	17.0	25.1	21.3	73.2	18.469	16.2	2.7	17.9	20.6	5.6
6	14.5	24.5	20.1	72.3	16.868	14.8	0.0	5.6	5.6	3.3
7	17.0	25.3	20.5	83.0	19.879	17.4	0.0	0.0	0.0	7.8
8	17.0	25.5	21.6	78.8	20.139	17.5	0.0	6.2	6.2	8.8
9	16.8	25.6	22.1	61.5	16.063	14.1	0.0	41.5	41.5	8.0
10	16.0	26.3	21.2	66.0	16.965	14.4	0.0	13.0	13.0	7.5
11	16.0	25.6	21.3	71.0	18.095	15.8	0.0	0.0	0.0	8.7
12	17.0	26.6	21.6	69.0	17.921	15.7	0.0	14.2	14.2	10.3
13	16.8	27.0	22.2	66.1	17.525	15.4	0.0	0.7	0.7	8.9
14	17.6	24.8	21.1	82.5	20.788	18.1	3.3	8.2	11.5	5.4
15	16.5	22.8	19.2	71.8	15.970	13.9	0.0	0.0	0.0	0.8
16	17.0	24.9	21.3	54.7	13.779	11.7	0.0	0.0	0.0	9.1
17	17.0	26.5	22.3	67.5	17.856	15.5	0.0	0.0	0.0	9.0
18	17.5	26.6	23.4	53.0	15.203	13.0	0.0	7.0	7.0	10.1
19	15.5	25.9	21.1	71.3	17.302	15.2	28.0	0.0	28.0	2.6
20	16.8	26.5	22.4	71.6	18.598	16.3	0.0	0.0	0.0	9.8
21	17.5	25.8	22.1	53.7	14.000	11.9	0.0	0.0	0.0	7.8
22	18.5	27.5	24.3	39.4	11.735	9.1	0.0	0.0	0.0	8.6
23	18.5	27.5	24.2	33.5	9.866	6.7	0.0	0.0	0.0	10.9
24	18.0	26.6	23.6	40.3	11.573	9.1	0.0	0.0	0.0	9.7
25	18.5	28.0	24.3	49.2	14.587	12.5	0.0	2.8	2.8	10.3
26	17.5	26.9	23.2	51.5	14.207	12.1	0.0	0.0	0.0	9.8
27	17.5	27.5	23.5	48.3	14.050	11.7	0.0	0.0	0.0	7.6
28	18.6	26.6	21.8	74.1	19.036	16.4	0.0	35.3	35.3	4.7
29	16.5	25.5	21.0	78.8	20.012	17.3	0.0	24.7	24.7	5.6
30	16.5	27.5	21.6	72.4	18.511	16.1	0.0	33.5	33.5	9.4
PROM.	16.8	25.9	21.7	65.0	16.540	14.2	53.8	254.4	308.2	215.5

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	23.5	20.7	73.9	16.153	15.8	0.1	0.0	0.1	2.4
2	17.6	25.6	21.2	76.3	19.302	16.9	0.0	0.0	0.0	6.2
3	17.5	23.5	20.3	71.7	17.133	15.0	10.5	3.1	13.6	0.4
4	16.5	24.5	20.5	69.1	16.626	14.6	0.0	0.0	0.0	4.1
5	17.6	25.5	21.2	76.0	19.052	16.7	0.0	0.0	0.0	4.1
6	17.5	26.5	21.8	72.4	18.944	16.6	0.0	34.0	34.0	5.1
7	15.6	26.5	21.8	52.6	13.922	11.5	0.0	13.2	13.2	7.4
8	17.5	24.0	20.3	59.8	14.267	12.3	0.0	2.1	2.1	2.8
9	17.0	23.5	19.5	61.2	14.105	11.9	0.0	19.0	19.0	3.2
10	16.0	24.6	20.0	54.0	12.340	10.0	0.0	58.4	58.4	3.8
11	15.0	24.5	19.8	56.6	12.953	10.8	0.0	0.0	0.0	2.3
12	17.5	25.5	20.5	57.9	14.099	12.0	2.9	25.4	28.3	1.1
13	16.5	26.0	20.5	56.1	13.263	11.1	0.0	0.0	0.0	3.8
14	17.3	23.5	20.0	56.2	13.311	11.2	1.6	0.0	1.6	1.3
15	18.0	25.5	20.8	45.1	11.090	8.3	0.0	4.7	4.7	6.3
16	16.0	22.6	19.4	61.7	13.801	11.8	1.3	0.7	2.0	1.3
17	16.5	25.6	21.3	58.8	14.696	12.7	0.0	2.8	2.8	6.0
18	17.5	23.5	20.3	62.9	14.989	13.0	8.8	7.1	15.9	2.3
19	16.5	25.5	21.0	59.9	14.732	12.7	0.0	30.5	30.5	4.1
20	17.0	25.5	21.3	57.5	14.442	12.4	0.0	0.0	0.0	4.4
21	17.0	26.4	21.9	50.3	13.184	10.9	0.0	0.0	0.0	8.8
22	17.0	25.0	21.0	54.3	13.430	11.3	0.0	48.6	48.6	3.3
23	16.5	24.5	20.5	55.8	13.432	11.3	0.1	63.3	63.4	2.3
24	16.0	23.6	19.6	60.8	13.748	11.7	2.0	0.0	2.0	1.5
25	17.0	25.9	21.6	49.6	13.020	10.5	0.0	3.9	3.9	6.4
26	17.0	25.5	21.1	61.5	15.279	12.7	8.9	0.0	8.9	1.5
27	16.5	25.6	20.9	73.5	18.221	15.9	0.0	6.0	6.0	2.7
28	16.5	22.9	19.1	89.3	19.903	17.4	1.0	0.0	1.0	0.4
29	16.6	25.3	20.2	87.1	20.488	17.9	0.0	1.5	1.5	4.5
30	17.0	22.5	19.1	90.9	20.369	17.8	87.8	0.0	87.8	0.1
31	16.5	25.3	20.0	86.1	20.409	17.8	0.2	24.4	24.6	2.4
PROM	16.7	24.8	20.6	64.5	15.571	13.3	125.2	348.7	473.9	106.7

ESTACION: SANTA ELENA

MUNICIPIO: MARQUETALIA AÑO:

1.961

ALTITUD: 1.450

LATITUD: 5-18 N.

LONGITUD: 75-49 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	25.9	19.8	89.9	20.723	18.0	0.1	2.4	2.5	5.3
2	16.5	25.5	20.8	86.0	21.113	18.3	7.8	0.0	7.8	5.2
3	16.5	25.6	20.8	86.7	21.301	18.5	0.0	36.0	36.0	5.7
4	16.0	25.5	19.4	85.7	19.493	17.1	19.0	8.7	27.7	4.3
5	17.0	23.9	21.1	79.0	19.485	17.0	0.0	2.0	2.0	3.2
6	17.4	24.9	21.1	84.2	20.893	18.1	0.0	60.5	60.5	3.8
7	16.5	28.3	21.9	79.4	21.277	18.4	0.0	9.2	9.2	6.0
8	16.5	24.3	20.3	75.4	18.150	15.9	0.0	62.2	62.2	3.5
9	15.5	26.5	20.5	71.5	17.526	15.2	0.0	3.8	3.8	3.4
10	16.5	26.5	21.2	81.4	20.654	18.0	0.0	9.6	9.6	7.2
11	17.0	25.6	21.1	83.0	20.787	18.0	0.6	46.3	46.9	4.2
12	16.4	24.5	20.5	89.3	21.532	18.7	0.7	17.2	17.9	3.1
13	17.2	25.3	20.7	86.1	20.985	18.2	0.0	7.1	7.1	3.1
14	17.3	24.5	21.1	81.1	20.564	17.9	0.0	35.2	35.2	3.9
15	17.5	24.7	20.6	81.9	19.523	17.0	0.6	12.2	12.8	2.4
16	16.8	23.0	20.2	86.6	20.600	18.0	0.1	13.7	13.8	2.2
17	17.5	25.8	21.1	87.4	21.864	18.9	0.0	0.0	0.0	3.2
18	17.5	27.5	21.8	81.0	21.277	18.4	0.0	14.8	14.8	6.3
19	17.3	27.1	21.2	84.8	21.440	18.6	1.1	87.5	88.6	6.3
20	15.5	24.3	20.3	82.9	19.587	17.1	41.6	11.7	53.3	0.7
21	17.3	25.5	20.3	86.6	20.857	18.2	13.2	1.2	14.4	1.7
22	16.5	24.3	19.6	91.0	20.864	18.1	21.8	0.4	22.2	2.4
23	17.5	23.5	20.1	88.2	20.692	18.1	0.2	0.0	0.2	1.2
24	17.5	23.4	20.0	88.3	20.727	18.1	2.4	32.6	35.0	3.4
25	16.5	24.5	20.2	75.0	17.338	15.2	3.1	1.9	5.0	1.8
26	16.6	25.5	21.2	82.4	20.920	18.0	0.0	0.0	0.0	4.8
27	17.5	25.8	22.4	83.2	22.877	19.6	0.3	19.3	19.6	4.6
28	16.5	24.8	20.3	87.4	20.676	18.0	0.0	9.7	9.7	2.4
29	16.6	23.8	20.2	87.5	20.731	18.0	0.1	25.8	25.9	1.2
30	15.5	25.0	20.5	79.8	19.082	16.7	2.3	42.1	44.4	5.2
PROM.	16.8	25.2	20.7	83.8	20.451	17.8	115.0	573.1	688.1	111.7

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	25.6	20.4	88.5	21.235	18.4	0.0	0.0	0.0	4.8
2	17.0	25.5	20.7	83.5	20.545	17.9	0.0	0.0	0.0	4.3
3	17.5	26.0	21.6	78.4	20.074	17.5	0.0	2.5	2.5	7.7
4	18.0	25.5	21.8	85.4	22.509	19.4	0.0	2.9	2.9	2.0
5	17.0	21.8	18.7	95.3	20.310	17.7	51.3	37.7	89.0	0.0
6	16.5	26.5	20.2	85.0	20.119	17.6	3.0	1.3	4.3	3.4
7	17.5	24.5	20.8	89.5	22.088	19.1	0.0	1.7	1.7	4.0
8	17.6	25.6	21.2	80.7	20.172	17.6	24.7	0.0	24.7	5.3
9	18.5	26.6	22.0	79.5	21.283	18.5	0.0	0.0	0.0	7.9
10	17.5	23.5	20.6	91.0	22.066	19.1	0.0	2.0	2.0	0.0
11	17.3	27.5	20.4	91.3	21.894	18.9	0.0	117.2	117.2	3.0
12	16.0	23.2	20.2	92.5	21.799	18.8	0.0	36.4	36.4	2.0
13	16.8	25.5	20.4	92.7	22.175	19.1	0.0	1.0	1.0	1.6
14	18.0	25.5	21.6	84.5	22.017	19.0	0.0	29.2	29.2	5.0
15	16.5	26.5	21.2	86.3	21.893	18.9	0.0	4.5	4.5	6.3
16	17.5	26.5	22.1	80.2	21.645	18.7	0.0	4.0	4.0	6.8
17	17.5	27.1	22.3	81.6	22.075	19.0	0.0	1.6	1.6	5.3
18	17.6	26.8	22.4	74.5	20.075	17.4	0.0	74.9	74.9	5.6
19	16.5	23.8	20.1	89.9	21.102	18.3	6.5	0.0	6.5	1.5
20	17.8	27.2	21.9	83.9	22.295	19.1	0.0	13.3	13.3	2.2
21	17.5	24.8	20.3	83.8	20.236	17.6	0.0	0.0	0.0	1.5
22	16.8	24.8	20.3	89.5	21.463	18.6	0.0	51.1	51.1	3.5
23	17.0	25.6	20.7	88.6	21.703	18.8	6.4	0.0	6.4	1.8
24	17.6	25.8	21.9	82.9	21.693	18.8	0.0	0.0	0.0	4.5
25	18.0	24.4	20.7	85.4	20.887	18.1	0.0	15.5	15.5	0.4
26	17.5	24.4	20.1	85.1	20.001	17.5	4.9	0.0	4.9	1.3
27	17.5	24.9	20.9	80.6	20.142	17.6	0.0	19.8	19.8	1.9
28	17.5	25.5	21.8	87.8	22.728	19.5	0.0	2.7	2.7	4.7
29	16.5	21.5	19.3	85.0	19.039	16.6	0.0	0.0	0.0	0.0
30	17.5	25.6	20.9	79.8	20.312	17.6	0.2	1.3	1.5	2.6
31	17.0	26.4	20.3	84.0	20.283	17.7	0.0	1.9	1.9	2.7
PROM	17.3	25.3	20.9	85.4	21.157	18.3	97.0	422.5	519.5	103.4

ESTACION: SANTA ELENA

MUNICIPIO MARQUETALIA

AÑO: 1981

ALTITUD: 1.450

LATITUD: 5-18 N.

LONGITUD: 75-49 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.5	24.7	20.1	15.0	27.5	86.2	20.369	17.7	409.3	19	180.8
FEBRERO	17.1	25.1	20.7	15.0	28.3	83.6	20.518	17.8	534.7	21	118.5
MARZO	16.9	24.6	20.6	14.5	28.8	83.0	20.119	17.5	408.6	20	159.7
ABRIL	16.7	24.2	20.4	15.0	28.5	85.9	20.557	17.9	336.2	22	90.6
MAYO	17.0	23.8	20.4	15.7	26.8	78.0	18.700	16.4	450.9	28	103.5
JUNIO	16.9	24.0	20.4	15.0	27.5	76.6	18.392	16.1	333.7	21	127.9
JULIO	16.8	24.9	20.9	14.5	27.3	60.5	14.727	12.4	121.3	12	232.0
AGOSTO	16.2	24.9	20.7	14.0	28.5	65.0	15.582	13.4	409.5	18	191.7
SEPTIEMBRE	16.8	25.9	21.7	14.5	28.0	65.0	16.540	14.2	308.2	17	215.5
OCTUBRE	16.7	24.8	20.6	14.8	26.5	64.5	15.571	13.3	473.9	24	106.7
NOVIEMBRE	16.8	25.2	20.7	15.5	28.3	83.8	20.451	17.8	688.1	28	111.7
DICIEMBRE	17.3	25.3	20.9	16.0	27.5	85.4	21.157	18.3	519.5	25	103.4
PROMEDIO	16.8	24.8	20.7	15.0	27.8	76.5	18.557	16.1			
TOTAL									4993.9	255	1742.0

ESTACION: AGRONOMIA

MUNICIPIO: MANIZALES

AÑO:

1.961

ALTITUD: 2.150

LATITUD: 5-03 N.

LONGITUD: 75-29 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	12.2	22.6	15.3	83.4	14.553	12.6	2.7	0.0	2.7	
2	13.2	22.8	16.7	80.3	15.204	13.2	0.0	0.0	0.0	
3	12.2	23.6	17.5	77.5	15.414	13.4	0.0	0.0	0.0	
4	11.2	21.3	16.3	69.7	12.867	10.6	0.0	0.0	0.0	
5	11.2	23.8	17.7	71.6	14.112	12.1	0.0	0.0	0.0	
6	13.2	22.8	17.4	77.7	15.375	13.4	0.0	0.0	0.0	
7	12.6	20.6	17.0	82.8	15.981	13.9	0.5	2.2	2.7	
8	13.4	22.5	17.1	83.2	15.979	14.0	0.0	0.0	0.0	
9	13.2	23.3	17.0	84.1	16.096	14.1	0.0	0.0	0.0	
10	12.2	24.4	17.3	72.0	13.884	11.8	0.0	0.0	0.0	
11	13.4	23.5	17.5	76.2	15.007	13.0	0.0	2.3	2.3	
12	14.0	24.3	17.6	80.1	15.865	13.9	0.6	0.0	0.6	
13	12.0	23.4	17.0	69.1	13.047	10.9	0.0	0.0	0.0	
14	11.2	23.8	17.2	73.9	13.884	11.8	0.0	0.0	0.0	
15	11.2	23.4	17.5	72.1	14.148	12.0	0.0	0.0	0.0	
16	12.0	23.9	17.1	66.7	12.839	10.6	0.0	0.0	0.0	
17	11.4	24.8	18.0	71.5	14.278	12.3	0.0	0.0	0.0	
18	13.2	24.1	18.9	67.0	14.283	12.2	0.0	0.0	0.0	
19	12.0	24.5	18.1	70.5	14.102	12.1	0.0	0.0	0.0	
20	11.0	24.7	17.9	65.6	12.906	10.7	0.0	0.0	0.0	
21	11.2	23.8	17.0	71.5	13.472	11.4	0.0	0.0	0.0	
22	11.0	23.2	17.2	68.6	12.950	10.7	0.0	0.0	0.0	
23	11.2	22.4	17.1	70.2	13.102	11.0	0.0	0.0	0.0	
24	12.2	22.3	17.2	73.7	14.130	12.1	0.0	0.0	0.0	
25	12.6	23.5	17.3	75.2	14.448	12.4	0.0	0.0	0.0	
26	13.2	23.8	17.4	81.7	16.014	14.0	7.8	0.1	7.9	
27	12.0	24.4	17.0	72.9	13.781	11.7	0.0	0.0	0.0	
28	12.2	22.0	16.1	83.6	15.158	13.1	1.4	0.0	1.4	
29	12.6	20.4	16.9	81.8	15.478	13.5	0.0	0.0	0.0	
30	12.0	24.2	18.0	77.9	15.546	13.5	0.0	0.0	0.0	
31	13.4	20.8	16.3	89.5	16.616	14.6	3.2	0.0	3.2	
PROM.	12.2	23.2	17.2	75.5	14.533	12.5	16.2	4.6	20.8	

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	12.9	19.7	15.7	88.2	15.834	13.8	5.0	0.0	5.0	
2	12.9	21.2	17.2	83.3	16.134	14.1	0.0	0.0	0.0	
3	13.0	21.5	16.3	76.6	14.218	12.2	1.5	0.0	1.5	
4	12.4	21.6	16.9	85.5	16.107	14.0	0.0	0.0	0.0	
5	12.4	20.2	15.9	84.7	15.476	13.5	1.3	0.0	1.3	
6	12.4	23.9	16.7	81.6	15.374	13.4	0.9	0.0	0.9	
7	12.6	20.4	16.7	85.0	16.048	14.0	0.8	0.0	0.8	
8	12.6	22.8	17.9	78.1	15.621	13.6	0.0	0.0	0.0	
9	14.2	21.4	16.2	90.2	16.844	14.8	10.0	0.0	10.0	
10	12.4	24.4	18.0	75.4	15.193	13.2	0.0	0.0	0.0	
11	12.4	23.2	16.2	79.2	14.723	12.7	4.2	0.2	4.4	
12	12.6	19.6	15.9	87.3	15.697	13.7	0.0	0.0	0.0	
13	13.6	22.0	16.5	86.3	16.005	14.0	2.7	8.9	11.6	
14	13.5	20.0	16.2	90.0	16.835	14.8	8.5	0.0	8.5	
15	12.5	24.4	17.7	80.3	15.948	13.9	0.0	9.2	9.2	
16	14.4	22.8	17.5	79.5	15.892	13.8	0.0	0.0	0.0	
17	14.0	22.4	18.4	80.8	16.800	14.8	0.0	0.0	0.0	
18	14.0	22.0	18.6	79.5	16.766	14.7	0.0	0.0	0.0	
19	13.5	22.8	16.1	84.6	15.998	14.0	16.9	0.0	16.9	
20	12.2	22.0	15.8	84.8	15.245	13.3	3.9	0.0	3.9	
21	12.0	22.9	17.1	77.7	14.908	12.8	0.0	0.7	0.7	
22	13.4	22.5	17.4	84.1	16.671	14.6	0.6	13.9	14.5	
23	13.7	17.5	15.3	94.3	16.503	14.5	12.5	0.0	12.5	
24	12.0	21.5	17.4	79.3	15.390	13.4	0.0	0.0	0.0	
25	13.6	21.4	16.7	87.2	16.345	14.3	0.0	0.0	0.0	
26	13.6	25.0	18.8	74.8	15.758	13.8	0.0	0.0	0.0	
27	15.2	24.4	19.7	73.7	16.384	14.4	0.0	0.0	0.0	
28	14.2	25.2	19.2	79.5	17.131	15.1	0.0	0.0	0.0	
PROM.	13.2	22.1	17.1	82.6	15.925	13.9	68.8	32.9	101.7	

ESTACION: AGRONOMIA

MUNICIPIO: MANIZALES

AÑO:

1-9&1

ALTITUD: 2.150

LATITUD: 5-03 N.

LONGITUD: 75-29 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	15.3	25.6	20.9	68.8	16.393	14.4	0.0	0.0	0.0	
2	16.6	24.1	19.0	82.7	18.181	16.0	0.0	0.0	0.0	
3	14.0	24.1	18.4	79.8	16.696	14.6	0.0	0.0	0.0	
4	14.0	21.6	18.6	78.4	16.486	14.5	0.0	0.0	0.0	
5	14.6	21.7	17.0	88.8	17.400	15.3	4.4	15.4	19.8	
6	12.6	19.5	16.6	91.0	17.018	14.9	0.0	0.0	0.0	
7	13.6	19.8	16.8	86.4	16.399	14.3	2.6	3.0	5.6	
8	13.6	19.4	16.2	92.6	17.061	15.0	4.8	0.4	5.2	
9	13.6	20.7	16.9	90.7	17.427	15.3	1.6	1.2	2.8	
10	13.6	20.5	16.1	91.2	16.664	14.6	0.2	0.0	0.2	
11	12.4	20.4	17.6	85.8	16.952	14.9	0.0	0.0	0.0	
12	13.6	20.0	15.3	89.3	15.949	13.9	26.1	0.0	26.1	
13	12.0	22.2	17.3	80.8	15.876	13.8	0.0	0.0	0.0	
14	14.2	19.5	15.7	91.5	16.475	14.5	5.7	3.7	9.4	
15	12.6	21.2	16.4	89.4	16.453	14.4	1.3	6.5	7.8	
16	12.6	22.4	17.7	83.2	16.351	14.3	0.3	0.1	0.4	
17	13.0	23.1	15.9	85.1	15.701	13.7	5.2	0.0	5.2	
18	12.0	22.0	16.8	82.0	15.340	13.3	0.0	0.5	0.5	
19	14.1	22.3	17.8	82.7	16.651	14.6	0.2	0.2	0.4	
20	13.7	22.5	17.3	83.5	16.329	14.3	4.3	13.8	18.1	
21	11.7	23.2	17.2	78.5	14.687	12.7	0.0	0.0	0.0	
22	12.5	20.4	17.2	85.8	16.870	14.8	0.0	0.5	0.5	
23	13.5	22.6	17.9	79.4	15.937	14.0	0.0	0.0	0.0	
24	12.7	22.0	17.3	76.6	14.834	12.8	0.0	0.0	0.0	
25	12.0	23.0	17.9	77.4	15.403	13.4	0.0	0.0	0.0	
26	13.6	20.2	16.7	84.6	15.868	13.9	0.3	0.0	0.3	
27	11.4	23.6	17.6	74.9	14.609	12.6	0.0	0.0	0.0	
28	13.4	22.1	16.6	77.4	14.746	12.7	1.1	0.0	1.1	
29	12.9	22.1	15.8	87.6	15.835	13.9	6.0	0.0	6.0	
30	13.0	22.6	17.8	76.4	15.400	13.4	0.0	0.0	0.0	
31	14.0	22.5	18.2	78.0	15.905	13.9	0.0	0.0	0.0	
PROM.	13.3	21.8	17.2	83.2	16.190	14.2	64.1	45.3	109.4	

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	13.3	24.0	18.4	75.2	15.503	13.5	0.0	0.0	0.0	
2	13.6	22.0	17.3	78.1	15.222	13.2	0.0	0.0	0.0	
3	13.0	22.5	17.0	86.3	16.821	14.7	0.3	28.9	29.2	
4	13.0	22.0	16.9	87.3	16.680	14.6	0.3	19.2	19.5	
5	12.6	19.0	15.0	92.1	15.971	14.0	9.7	0.6	10.3	
6	11.6	23.0	16.2	87.6	15.997	14.0	10.6	0.0	10.6	
7	13.6	21.4	16.3	89.0	16.416	14.4	1.2	0.0	1.2	
8	13.8	22.4	17.8	84.3	17.064	15.0	0.3	0.3	0.6	
9	14.4	20.0	17.1	84.5	16.383	14.3	0.0	0.0	0.0	
10	13.8	24.5	18.9	71.5	15.014	13.0	0.0	0.0	0.0	
11	15.0	22.6	18.2	86.5	18.074	15.9	0.0	0.0	0.0	
12	15.0	19.8	16.6	89.9	17.410	15.3	0.0	0.0	0.0	
13	13.6	21.9	16.8	84.0	16.099	14.1	25.0	18.0	43.0	
14	13.4	20.3	15.9	88.3	16.119	14.1	1.5	3.5	5.0	
15	12.6	21.2	17.3	81.9	15.755	13.7	0.2	2.5	2.7	
16	13.0	19.6	16.3	91.5	16.974	14.9	1.0	0.0	1.0	
17	12.8	21.6	16.3	86.7	16.287	14.2	1.8	0.2	2.0	
18	12.4	20.0	16.4	88.6	16.491	14.5	1.2	17.9	19.1	
19	12.6	15.2	13.7	94.0	14.635	12.7	10.5	0.0	10.5	
20	12.0	21.0	16.6	81.4	15.096	13.0	0.0	0.0	0.0	
21	12.0	23.4	18.7	73.2	15.211	13.1	0.0	12.8	12.8	
22	12.8	21.2	15.5	83.0	14.948	13.0	14.6	0.0	14.6	
23	12.0	22.6	16.3	87.6	16.225	14.1	2.0	14.5	16.5	
24	12.9	20.5	16.4	89.8	16.516	14.5	0.8	0.0	0.8	
25	12.9	23.4	17.9	82.7	16.998	14.9	0.0	0.0	0.0	
26	14.4	20.7	15.6	96.2	17.054	15.0	6.7	0.0	6.7	
27	13.8	16.4	15.2	94.8	16.393	14.4	14.5	5.9	20.4	
28	12.2	20.9	16.3	91.7	16.725	14.6	0.0	8.7	8.7	
29	13.5	22.0	16.5	86.9	16.183	14.2	11.3	0.0	11.3	
30	12.6	20.2	14.4	95.1	15.680	13.7	10.3	11.3	21.6	
PROM	13.1	21.2	16.6	86.3	16.198	14.2	123.8	144.3	268.1	

ESTACION: AGRONOMIA

MUNICIPIO: MANIZALES

AÑO:

1.981

ALTITUD: 2.150

LATITUD: 5-03 N.

LONGITUD: 75-29 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.0	20.2	15.3	87.5	15.499	13.5	8.6	8.0	16.6	
2	12.2	19.0	15.3	95.4	16.345	14.3	11.0	34.7	45.7	
3	12.4	18.4	15.2	93.9	16.092	14.1	0.3	0.0	0.3	
4	13.3	20.8	16.2	88.3	16.366	14.4	6.3	0.0	6.3	
5	12.6	21.7	15.3	90.7	15.782	13.8	4.6	27.6	32.2	
6	12.6	19.0	15.5	95.0	16.576	14.5	0.8	0.0	0.8	
7	11.4	21.0	16.2	74.3	13.519	11.3	0.0	24.3	24.3	
8	11.6	20.0	15.2	91.5	15.739	13.7	1.3	1.2	2.5	
9	12.0	19.7	15.4	83.9	14.458	12.5	0.2	0.0	0.2	
10	12.6	20.6	15.8	88.4	16.025	14.0	5.1	5.7	10.8	
11	12.0	20.0	15.6	89.5	15.719	13.7	4.3	0.5	4.8	
12	12.6	22.5	16.6	85.1	15.828	13.8	0.0	0.0	0.0	
13	13.6	23.0	18.2	76.1	15.665	13.7	0.0	0.0	0.0	
14	14.8	20.0	17.0	81.8	15.582	13.6	0.3	0.0	0.3	
15	13.2	21.6	16.9	84.6	16.057	14.1	1.9	92.2	94.1	
16	13.6	18.1	15.1	93.6	16.108	14.1	1.4	0.0	1.4	
17	12.5	19.2	15.7	86.3	15.456	13.5	2.0	5.0	7.0	
18	13.3	20.1	16.8	87.6	16.541	14.5	0.0	0.0	0.0	
19	12.6	22.2	16.4	81.1	15.181	13.2	8.5	0.0	8.5	
20	13.2	25.4	19.0	68.7	14.808	12.8	0.0	0.0	0.0	
21	15.0	21.4	17.3	90.6	17.842	15.7	1.9	5.0	6.9	
22	14.1	23.6	18.4	84.7	17.852	15.6	2.5	6.5	9.0	
23	14.2	20.6	16.1	92.8	17.154	15.1	2.0	0.0	2.0	
24	14.2	18.4	16.0	91.3	16.603	14.6	1.0	8.2	9.2	
25	13.6	18.4	15.3	93.1	16.481	14.4	16.4	5.7	22.1	
26	13.0	23.4	17.2	88.3	16.995	14.9	0.7	0.0	0.7	
27	14.6	20.3	15.9	89.7	16.104	14.1	1.7	4.5	6.2	
28	13.9	21.6	17.2	89.4	17.497	15.4	18.9	0.7	19.6	
29	15.0	20.5	16.8	86.0	16.529	14.5	2.1	10.9	13.0	
30	14.8	20.5	16.5	90.3	16.863	14.8	8.5	4.6	13.1	
31	14.5	22.8	17.8	82.8	16.870	14.8	0.7	0.0	0.7	
PROM.	13.3	20.8	16.4	87.2	16.133	14.1	113.0	245.3	358.3	

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	14.2	21.4	17.0	84.5	16.460	14.4	0.0	9.8	9.8	
2	12.5	23.4	16.6	77.3	14.606	12.6	0.0	0.0	0.0	
3	13.0	24.2	17.8	74.3	14.878	12.9	0.0	0.0	0.0	
4	14.5	24.0	18.9	72.5	15.355	13.2	0.1	24.2	24.3	
5	14.0	23.0	16.9	84.9	16.536	14.5	1.0	0.0	1.0	
6	13.5	22.8	18.2	82.2	16.951	14.9	0.0	0.0	0.0	
7	15.2	19.7	17.0	86.3	16.737	14.7	0.3	6.0	6.3	
8	13.7	18.5	16.1	88.7	16.267	14.3	3.0	28.5	31.5	
9	13.2	17.4	15.1	92.3	15.947	14.0	23.8	0.0	23.8	
10	12.4	20.2	16.9	84.2	15.946	13.9	0.0	0.0	0.0	
11	14.4	20.2	16.1	87.0	16.194	14.2	1.8	0.2	2.0	
12	14.0	19.6	16.2	84.6	15.579	13.6	0.0	4.1	4.1	
13	14.3	19.5	15.7	89.7	16.214	14.2	5.9	0.4	6.3	
14	13.5	21.0	17.1	83.5	15.974	13.8	0.0	0.0	0.0	
15	13.5	20.0	15.7	81.5	14.468	12.4	11.4	1.2	12.6	
16	12.5	18.4	14.9	87.1	14.933	13.0	8.0	8.7	16.7	
17	12.5	22.0	17.4	83.4	16.288	14.2	0.3	15.7	16.0	
18	12.5	17.5	14.7	94.2	15.957	13.9	12.6	0.0	12.6	
19	12.4	21.6	16.3	75.9	13.955	11.9	0.4	0.0	0.4	
20	13.0	22.5	16.5	82.9	15.441	13.4	0.2	0.0	0.2	
21	13.3	22.4	16.1	74.8	14.048	12.0	0.3	0.0	0.3	
22	13.5	20.1	16.1	81.5	15.131	13.1	3.3	0.0	3.3	
23	12.4	20.0	15.4	88.4	15.521	13.5	1.9	0.0	1.9	
24	12.8	20.6	16.4	81.0	14.991	12.9	0.2	2.1	2.3	
25	12.8	22.0	16.1	84.1	15.225	13.2	0.0	0.0	0.0	
26	12.8	21.4	16.5	76.7	14.298	12.3	0.0	0.0	0.0	
27	14.4	20.4	16.5	83.6	15.637	13.7	1.0	0.0	1.0	
28	12.6	22.2	17.0	79.1	15.128	13.1	0.3	0.8	1.1	
29	13.5	18.7	14.8	93.0	15.859	13.9	15.4	5.1	20.5	
30	12.5	20.2	15.4	85.9	14.783	12.8	0.0	0.4	0.4	
PROM.	13.3	20.8	16.4	83.5	15.510	13.5	91.2	107.2	198.4	

ESTACION: AGRONOMIA

MUNICIPIO: MANIZALES

AÑO:

1.961

ALTITUD: 2.150

LATITUD: 5-03 N.

LONGITUD: 75-29 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mh.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.5	20.5	16.4	80.7	14.835	12.8	0.1	1.6	1.7	
2	13.5	21.8	17.7	82.4	16.338	14.3	0.0	0.0	0.0	
3	14.5	20.0	16.9	83.1	15.913	13.9	0.0	0.0	0.0	
4	14.0	20.0	16.2	85.5	15.688	13.7	1.1	0.0	1.1	
5	13.5	21.5	16.1	85.0	15.567	13.6	0.5	1.7	2.2	
6	12.6	20.6	15.7	82.6	14.605	12.6	0.2	0.0	0.2	
7	12.3	25.0	18.5	70.1	14.493	12.5	0.0	0.0	0.0	
8	14.6	22.0	18.1	77.8	15.954	14.0	0.2	0.2	0.4	
9	14.6	19.0	15.4	90.3	15.872	13.9	4.8	0.0	4.8	
10	14.0	19.0	15.7	89.3	15.862	13.9	0.8	0.7	1.5	
11	13.6	21.5	16.7	81.2	15.477	13.5	0.6	0.4	1.0	
12	13.5	20.9	17.5	73.4	14.113	12.1	0.0	0.0	0.0	
13	13.0	21.1	16.0	79.0	14.405	12.4	0.0	0.0	0.0	
14	12.8	22.8	16.5	77.8	14.323	12.3	0.0	0.0	0.0	
15	12.9	21.4	16.1	86.0	15.691	13.7	3.0	0.4	3.4	
16	13.5	20.7	15.8	88.0	15.843	13.9	8.3	10.7	19.0	
17	12.0	18.0	13.6	95.0	14.886	12.9	12.9	0.1	13.0	
18	11.0	19.2	15.6	82.8	14.388	12.3	0.3	0.0	0.3	
19	13.0	23.9	18.7	72.1	14.813	12.8	0.0	0.0	0.0	
20	13.6	19.2	14.6	84.3	13.977	12.0	9.1	0.0	9.1	
21	12.0	20.1	15.5	77.7	13.674	11.6	0.0	0.0	0.0	
22	12.0	23.0	16.8	69.8	13.117	10.9	0.0	0.0	0.0	
23	13.6	23.7	17.5	69.5	13.652	11.6	0.0	0.0	0.0	
24	12.6	22.7	16.6	68.2	12.989	10.8	0.0	0.0	0.0	
25	12.5	24.2	17.4	66.0	12.810	10.6	0.0	0.0	0.0	
26	12.5	23.9	18.0	66.7	13.258	11.2	0.0	0.0	0.0	
27	12.4	24.0	17.9	63.6	12.677	10.5	0.0	0.0	0.0	
28	13.6	23.3	16.9	72.4	13.856	11.8	1.1	0.0	1.1	
29	13.6	21.6	17.3	70.4	13.572	11.5	0.0	0.0	0.0	
30	13.3	24.5	18.4	70.0	14.144	12.1	0.0	0.0	0.0	
31	14.0	21.8	18.1	70.9	14.447	12.4	0.0	0.0	0.0	
PROM.	13.1	21.6	16.7	77.9	14.556	12.5	43.0	15.8	58.8	

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mh.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.8	24.2	19.0	71.0	15.186	13.2	0.0	0.0	0.0	
2	14.5	23.6	18.1	73.2	14.778	12.7	0.0	0.0	0.0	
3	14.6	22.0	17.8	74.4	14.970	13.0	0.0	0.0	0.0	
4	13.6	24.0	18.3	73.9	14.995	13.0	0.0	0.0	0.0	
5	14.0	25.0	19.0	69.0	14.834	12.9	0.0	0.5	0.5	2.0
6	14.5	24.0	18.4	77.6	16.116	14.1	0.0	0.0	0.0	4.3
7	14.5	21.2	15.7	90.7	16.297	14.3	17.8	0.3	18.1	1.9
8	13.0	22.5	17.4	79.2	15.451	13.5	0.1	0.3	0.4	4.7
9	14.4	19.6	15.7	88.1	16.026	14.1	8.0	0.0	8.0	1.1
10	12.5	24.0	17.5	64.8	12.656	10.4	0.0	0.0	0.0	10.5
11	13.5	22.0	16.4	74.8	14.155	12.1	0.0	1.0	1.0	2.6
12	14.0	19.5	16.5	84.6	15.965	14.0	5.3	10.4	15.7	0.0
13	13.6	18.5	15.5	86.2	15.046	13.1	3.1	0.6	3.7	1.2
14	13.5	22.3	17.1	73.5	14.096	12.1	0.0	0.0	0.0	1.8
15	12.5	21.9	17.3	71.8	14.082	12.0	0.0	0.0	0.0	6.0
16	13.5	23.4	18.2	77.4	15.747	13.7	0.0	10.4	10.4	6.0
17	13.5	19.4	16.1	87.9	15.994	14.0	0.0	0.0	0.0	0.8
18	12.5	21.5	16.2	76.1	13.878	11.8	0.0	2.4	2.4	2.7
19	12.6	22.0	16.9	77.8	14.504	12.5	0.0	0.0	0.0	2.9
20	13.0	21.4	16.4	73.2	13.701	11.6	5.5	0.9	6.4	5.8
21	12.2	19.5	15.9	84.6	15.271	13.2	1.5	34.0	35.5	3.3
22	12.5	21.0	16.9	80.7	15.220	13.2	0.0	0.0	0.0	2.3
23	12.8	18.5	15.3	80.4	14.061	12.0	0.0	0.0	0.0	0.3
24	12.6	20.8	15.7	77.1	13.759	11.7	1.1	8.7	9.8	5.5
25	11.5	20.0	14.7	85.7	14.210	12.2	9.2	0.0	9.2	2.7
26	12.0	20.5	16.3	79.5	14.539	12.5	0.0	0.0	0.0	3.7
27	12.5	23.6	17.7	72.9	14.463	12.5	0.0	0.0	0.0	8.5
28	12.0	22.6	17.6	69.0	13.628	11.5	0.0	0.0	0.0	8.9
29	12.5	21.2	15.5	80.1	14.127	12.1	10.3	1.3	11.6	4.2
30	13.0	17.4	15.0	89.3	15.088	13.1	4.9	0.0	4.9	1.1
31	13.0	19.0	15.4	89.0	15.489	13.5	1.9	29.8	31.7	0.8
PROM.	13.2	21.5	16.8	78.5	14.785	12.8	68.7	100.6	169.3	

ESTACION: AGRONOMIA

MUNICIPIO: MANIZALES

AÑO:

1.961

ALTITUD: 2.150

LATITUD: 5-03 N.

LONGITUD: 75-29 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	11.5	19.2	14.2	89.7	14.567	12.5	7.6	14.5	22.1	0.2
2	11.4	19.2	15.0	80.1	13.347	11.2	0.6	0.0	0.6	1.8
3	12.0	20.2	15.0	83.7	14.346	12.3	6.0	9.5	15.5	4.0
4	12.5	19.4	14.5	92.9	15.382	13.4	12.8	0.2	13.0	3.5
5	12.5	21.1	16.4	80.5	14.802	12.8	0.4	6.4	6.8	2.9
6	12.5	20.8	16.1	80.0	14.335	12.3	0.0	0.0	0.0	3.1
7	12.5	22.0	15.6	83.8	14.653	12.6	1.9	0.0	1.9	4.5
8	12.5	20.0	16.2	82.1	15.001	13.0	0.8	0.5	1.3	4.5
9	12.5	21.5	16.9	78.6	14.775	12.8	0.0	0.0	0.0	6.6
10	13.0	21.1	16.6	81.4	15.086	13.1	0.0	14.9	14.9	5.7
11	12.5	20.0	14.8	84.3	14.243	12.2	27.1	0.0	27.1	3.0
12	11.5	20.2	16.0	76.6	13.887	11.8	0.0	0.2	0.2	4.8
13	13.3	22.0	15.8	81.0	14.643	12.6	0.7	0.1	0.8	4.4
14	12.0	22.5	16.4	81.8	15.075	13.0	0.4	10.3	10.7	5.9
15	11.5	19.5	16.1	75.4	13.492	11.4	0.0	0.0	0.0	2.4
16	13.5	21.2	15.7	78.0	14.032	12.0	0.7	0.0	0.7	4.8
17	12.5	22.6	16.5	72.1	13.539	11.4	0.0	0.0	0.0	4.1
18	13.5	23.8	17.0	70.1	13.683	11.5	0.0	0.0	0.0	9.2
19	13.5	19.9	16.0	91.3	16.558	14.5	4.2	0.0	4.2	1.1
20	12.5	23.0	17.0	71.7	13.619	11.5	0.0	0.0	0.0	8.4
21	13.5	21.0	15.5	76.3	13.545	11.4	0.9	0.0	0.9	4.4
22	12.5	21.6	16.7	77.7	14.697	12.6	0.0	0.0	0.0	5.5
23	13.5	25.0	18.4	59.1	12.164	9.9	0.0	0.0	0.0	9.9
24	13.5	22.5	18.1	65.4	13.525	11.4	0.0	0.0	0.0	5.7
25	14.5	22.5	17.6	69.9	13.976	12.0	0.0	0.0	0.0	7.7
26	14.0	23.6	17.2	73.4	14.419	12.4	0.0	0.0	0.0	0.0
27	12.5	24.0	16.8	79.6	14.962	13.0	1.2	0.4	1.6	6.5
28	13.0	23.5	17.6	70.8	13.973	12.0	0.5	0.0	0.5	6.2
29	14.0	22.8	17.5	74.6	14.682	12.6	0.9	0.4	1.3	7.5
30	14.0	24.0	18.0	70.8	14.385	12.4	0.0	0.5	0.5	6.5
PROM.	12.8	21.7	16.4	77.8	14.313	12.3	66.7	57.9	124.6	144.8

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	14.5	23.0	17.9	74.0	14.975	13.0	0.4	0.0	0.4	4.5
2	13.5	23.5	17.2	70.1	13.567	11.4	5.5	0.0	5.5	8.0
3	13.5	19.3	15.6	83.8	15.080	13.1	8.5	4.0	12.5	6.7
4	11.5	21.7	15.5	76.8	13.684	11.6	1.1	0.0	1.1	3.4
5	12.5	23.2	18.0	77.9	15.679	13.7	0.0	0.0	0.0	8.0
6	14.0	22.6	15.9	81.2	15.305	13.2	0.2	3.6	3.8	3.9
7	13.0	23.1	17.9	74.8	15.194	13.1	3.5	0.0	3.5	2.4
8	13.1	20.0	15.7	87.5	15.895	13.9	1.5	0.4	1.9	3.6
9	13.5	19.5	15.7	81.2	14.614	12.6	0.0	7.0	7.0	0.0
10	13.5	18.9	15.4	84.0	14.726	12.7	0.5	15.6	16.1	0.0
11	12.5	19.8	15.5	87.9	15.436	13.5	0.9	0.0	0.9	1.4
12	13.3	20.8	15.4	80.9	14.517	12.4	1.4	0.0	1.4	2.8
13	12.0	22.0	14.9	80.0	13.807	11.7	115.4	4.1	119.5	4.8
14	11.5	22.5	16.7	79.7	15.052	13.0	0.0	11.3	11.3	6.5
15	12.5	21.1	15.5	87.3	15.250	13.2	2.3	0.0	2.3	2.3
16	12.8	20.6	16.5	82.9	15.367	13.4	0.0	0.0	0.0	2.2
17	13.3	22.4	17.3	78.3	15.225	13.2	1.1	0.0	1.1	4.3
18	14.1	22.0	16.7	85.1	16.281	14.3	3.5	0.0	3.5	4.0
19	13.5	21.3	16.1	88.0	16.011	14.0	2.3	0.0	2.3	3.1
20	14.5	23.0	16.7	73.6	14.251	12.2	0.7	0.0	0.7	4.5
21	12.5	22.5	17.0	72.6	14.292	12.2	1.8	0.0	1.8	6.6
22	13.5	20.0	15.6	83.0	14.714	12.7	1.9	0.0	1.9	1.0
23	12.3	19.5	15.8	83.7	14.666	12.9	1.3	7.6	8.9	1.6
24	12.5	18.5	15.1	88.7	15.150	13.2	0.5	0.0	0.5	2.7
25	12.0	21.3	15.5	79.0	14.253	12.2	1.3	0.0	1.3	5.3
26	12.0	21.0	15.7	83.0	14.835	12.8	36.8	0.9	37.7	3.7
27	11.5	19.4	14.9	87.5	14.870	12.9	3.7	0.0	3.7	2.5
28	13.0	20.2	15.8	78.9	14.183	12.2	1.4	0.0	1.4	3.5
29	13.0	23.0	17.1	80.0	15.546	13.6	1.5	46.4	47.9	7.1
30	12.5	19.5	15.3	87.4	15.100	13.1	11.3	0.0	11.3	0.4
31	12.0	22.8	16.6	77.4	14.738	12.7	0.4	8.7	9.1	8.4
PROM.	12.9	21.2	16.2	81.2	14.918	12.9	210.7	109.6	320.3	119.2

ESTACION: AGRONOMIA

MUNICIPIO: MANIZALES

AÑO: 1961

ALTITUD: 2.150

LATITUD: 5-03 N.

LONGITUD: 75-29 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	19.0	14.8	91.9	15.333	13.3	0.0	0.0	0.0	1.0
2	12.0	22.5	16.5	76.6	14.270	12.3	0.0	0.0	0.0	7.9
3	12.5	23.3	17.4	73.9	14.396	12.4	0.0	0.0	0.0	4.0
4	13.5	21.0	16.7	83.1	15.871	13.9	3.8	3.5	7.3	2.7
5	13.5	21.5	17.1	81.1	15.544	13.6	0.0	0.0	0.0	5.7
6	13.5	23.8	18.2	76.1	15.749	13.7	1.8	2.1	3.9	8.3
7	13.5	21.2	16.8	83.5	15.913	13.9	4.5	2.9	7.4	4.5
8	13.5	20.5	16.5	87.6	16.262	14.2	0.4	6.7	7.1	4.6
9	12.5	22.5	16.7	87.1	16.545	14.5	0.3	0.0	0.3	7.0
10	12.5	22.6	17.1	80.9	15.808	13.7	4.1	1.5	5.6	6.4
11	13.5	22.5	16.3	80.9	15.182	13.2	1.6	17.5	19.1	4.0
12	13.0	22.5	16.0	84.8	15.643	13.7	0.4	0.0	0.4	5.1
13	13.5	20.5	16.6	86.3	16.261	14.2	0.3	20.2	20.5	4.3
14	14.0	19.5	15.3	84.9	14.939	13.0	7.6	0.0	7.6	0.3
15	12.0	20.5	16.3	84.6	15.606	13.6	4.6	4.8	9.4	0.6
16	14.0	20.0	16.2	89.0	16.409	14.4	0.2	0.0	0.2	1.4
17	13.5	24.0	17.8	77.6	15.539	13.5	0.0	0.0	0.0	8.2
18	13.5	24.0	17.0	76.2	15.162	13.1	4.1	0.0	4.1	5.9
19	12.5	22.0	17.1	72.9	14.323	12.2	0.0	16.7	16.7	6.2
20	13.0	22.0	16.1	83.9	15.549	13.6	0.0	0.0	0.0	3.2
21	13.5	20.2	15.5	87.2	15.577	13.6	12.0	0.0	12.0	3.8
22	12.5	21.9	15.9	81.7	14.665	12.7	0.0	0.0	0.0	4.2
23	12.5	22.0	16.8	77.2	14.847	12.8	0.0	0.0	0.0	5.4
24	14.5	22.0	17.1	82.2	16.056	14.1	0.0	0.0	0.0	4.4
25	13.5	21.0	16.3	77.4	14.311	12.3	1.7	0.0	1.7	2.3
26	13.5	22.0	16.7	73.8	13.982	12.0	0.0	0.0	0.0	6.7
27	13.5	22.4	16.1	80.5	15.041	13.0	7.7	5.8	13.5	6.8
28	12.5	21.4	16.2	83.4	15.113	13.1	4.3	43.6	47.9	0.0
29	12.5	19.5	15.4	88.4	15.491	13.5	3.0	0.4	3.4	0.7
30	13.5	22.4	16.3	83.6	15.305	13.3	0.0	0.0	0.0	3.6
PROM.	13.1	21.7	16.5	81.9	15.356	13.3	62.4	125.7	188.1	129.2

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	22.0	17.1	79.7	15.196	13.2	0.0	0.0	0.0	5.2
2	13.5	22.5	16.6	83.7	15.714	13.6	0.0	0.0	0.0	5.4
3	13.0	24.3	17.3	72.1	14.159	12.1	0.0	0.0	0.0	9.1
4	13.5	23.0	17.6	80.1	16.025	14.0	0.0	0.0	0.0	5.8
5	13.5	21.0	15.6	91.4	16.459	14.4	18.0	7.0	25.0	5.5
6	13.5	22.6	16.8	83.1	15.706	13.7	0.0	0.0	0.0	1.4
7	13.6	20.5	16.9	80.6	15.551	13.6	0.0	0.0	0.0	8.2
8	14.5	22.5	17.6	73.4	14.778	12.8	0.0	0.0	0.0	0.8
9	14.0	21.0	16.8	87.0	16.945	14.7	0.0	0.0	0.0	3.4
10	14.0	18.5	16.1	86.8	15.952	13.9	0.0	0.0	0.0	0.0
11	12.5	20.5	15.3	86.3	15.244	13.2	14.3	0.0	14.3	4.0
12	12.5	23.6	17.9	79.5	16.057	14.0	0.0	0.0	0.0	6.0
13	14.5	24.5	18.0	79.6	16.259	14.2	0.0	0.6	0.6	6.6
14	14.6	22.5	17.6	82.0	16.294	14.2	2.8	1.3	4.1	4.0
15	13.5	22.2	17.2	80.8	15.867	13.8	1.2	0.0	1.2	3.9
16	13.5	23.6	17.1	73.6	14.302	12.3	0.0	0.0	0.0	8.6
17	14.5	24.5	18.6	74.5	15.646	13.6	0.0	0.0	0.0	8.1
18	13.7	23.5	16.5	82.3	15.488	13.5	21.7	0.0	21.7	6.0
19	12.8	22.8	16.2	77.7	14.262	12.2	0.0	0.0	0.0	3.1
20	13.6	21.6	17.5	80.3	15.842	13.7	0.0	0.0	0.0	2.5
21	13.6	20.8	15.8	86.9	15.572	13.6	1.4	1.5	2.9	0.8
22	12.0	18.4	16.1	88.3	15.980	13.9	0.0	0.0	0.0	0.6
23	13.5	23.8	17.3	80.1	15.520	13.5	0.0	0.0	0.0	6.4
24	13.0	24.6	18.3	73.7	15.209	13.2	0.0	0.0	0.0	9.7
25	13.8	22.3	17.1	79.6	15.572	13.6	0.0	0.0	0.0	1.0
26	14.6	23.8	17.6	82.2	16.390	14.4	0.0	0.0	0.0	3.8
27	13.8	24.0	17.9	77.9	15.712	13.7	2.0	0.0	2.0	5.7
28	13.3	24.4	18.7	72.9	15.301	13.2	0.0	0.0	0.0	8.3
29	14.5	16.3	15.3	96.8	16.939	14.9	0.8	0.1	0.9	0.1
30	11.0	22.0	16.2	79.3	14.367	12.2	0.1	26.6	26.7	6.9
31	12.5	21.5	15.7	85.6	14.995	13.0	0.0	0.0	0.0	2.7
PROM.	13.5	22.2	17.0	81.2	15.590	13.6	62.3	37.1	99.4	143.6

ESTACION: **AGRONOMIA**MUNICIPIO **MANIZALES**AÑO: **1.981**ALTITUD: **2.150**LATITUD: **5-03 N.**LONGITUD: **75-29 W.**

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocofo °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días llovias	
ENERO	12.2	23.2	17.2	11.0	24.8	75.5	14.533	12.5	20.8	7	
FEBRERO	13.2	22.1	17.1	12.0	25.2	82.6	15.925	13.9	101.7	15	
MARZO	13.3	21.8	17.2	11.4	25.6	83.2	16.190	14.2	109.4	17	
ABRIL	13.1	21.2	16.6	11.6	24.5	86.3	16.198	14.2	268.1	22	
MAYO	13.3	20.8	16.4	11.4	25.4	87.2	16.133	14.1	358.3	27	
JUNIO	13.3	20.8	16.4	12.4	24.2	83.5	15.510	13.5	198.4	23	
JULIO	13.1	21.6	16.7	11.0	25.0	77.9	14.556	12.5	58.8	14	
AGOSTO	13.2	21.5	16.8	11.5	25.0	78.5	14.785	12.8	169.3	16	
SEPTIEMBRE	12.8	21.7	16.4	11.4	25.0	77.8	14.313	12.3	124.6	19	144.8
OCTUBRE	12.9	21.2	16.2	11.5	23.5	81.2	14.918	12.9	320.3	29	119.2
NOVIEMBRE	13.1	21.7	16.5	12.0	24.0	81.9	15.356	13.3	188.1	19	129.2
DICIEMBRE	13.5	22.2	17.0	11.0	24.6	81.2	15.590	13.6	99.4	10	143.6
PROMEDIO	13.1	21.7	16.7	11.5	24.7	81.4	15.334	13.3			
TOTAL									2017.2	218	

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO: PALESTINA AÑO: 1.961
 ALTITUD: 1.010 LATITUD: 5-05 N. LONGITUD: 75-40 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	30.5	22.6	69.8	18.215	15.8	0.0	0.0	0.0	8.3
2	15.5	31.5	22.5	74.2	18.725	16.0	0.0	0.0	0.0	7.6
3	15.5	32.0	22.9	70.0	17.973	15.4	0.0	0.0	0.0	9.2
4	18.5	32.5	23.2	68.0	17.932	15.0	0.0	0.0	0.0	9.1
5	17.6	30.8	22.8	73.9	19.584	17.0	0.0	0.0	0.0	8.7
6	17.0	29.5	22.7	74.6	19.682	17.2	0.0	0.0	0.0	5.3
7	17.5	31.5	22.7	71.4	18.623	16.1	0.0	0.0	0.0	7.0
8	18.5	29.5	23.5	75.5	20.931	18.1	0.0	0.0	0.0	4.6
9	18.0	29.5	23.6	76.3	21.359	18.5	0.0	0.0	0.0	4.1
10	17.5	30.0	23.4	72.0	19.602	17.2	0.0	0.0	0.0	8.8
11	17.0	30.0	23.3	72.9	19.627	17.0	0.0	0.0	0.0	5.5
12	17.5	30.5	22.6	79.5	21.475	18.6	0.0	6.3	6.3	8.0
13	16.5	31.0	22.2	76.0	19.346	16.9	0.0	0.0	0.0	9.1
14	14.0	30.5	21.7	72.3	17.370	15.2	0.0	0.0	0.0	9.7
15	15.5	30.5	22.1	75.4	18.975	16.6	0.0	0.0	0.0	8.8
16	15.5	31.3	22.3	73.6	18.789	16.5	0.0	0.0	0.0	9.2
17	15.5	31.5	22.7	71.2	18.177	15.8	0.0	0.0	0.0	8.5
18	17.0	32.5	23.5	73.8	20.246	17.6	0.0	0.0	0.0	9.1
19	16.5	31.8	23.0	76.0	20.049	17.4	0.0	0.0	0.0	9.8
20	17.5	32.9	22.7	74.0	19.460	17.0	0.0	0.0	0.0	9.6
21	16.5	31.8	22.6	69.4	17.600	15.1	0.0	0.0	0.0	9.2
22	15.5	31.9	22.6	70.2	17.499	14.8	0.0	1.0	1.0	9.8
23	15.0	32.0	22.2	68.6	16.969	14.9	0.0	0.0	0.0	8.2
24	17.5	31.5	24.5	71.5	20.463	17.6	0.0	0.0	0.0	6.8
25	14.5	31.5	24.3	68.3	18.763	16.2	0.0	0.0	0.0	7.1
26	18.5	31.8	24.3	67.8	19.128	16.2	0.0	0.0	0.0	7.8
27	16.0	32.5	23.5	65.8	17.574	15.4	0.0	0.0	0.0	7.7
28	18.0	30.0	22.8	72.8	19.522	17.1	0.0	0.5	0.5	5.6
29	18.0	26.5	22.1	80.1	20.839	18.1	0.0	0.0	0.0	0.9
30	15.5	33.5	23.4	66.7	17.499	15.3	0.0	16.4	16.4	8.0
31	17.5	29.8	21.3	83.0	21.055	18.3	21.8	0.0	21.8	3.1
PROM.	16.7	31.1	22.9	72.7	19.131	16.6	21.8	24.2	46.0	234.2

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	28.4	21.6	81.0	20.438	17.8	4.4	0.3	4.7	1.5
2	18.0	28.0	22.8	69.7	18.248	15.3	0.0	0.0	0.0	4.6
3	17.5	30.8	22.7	71.0	18.318	15.6	0.0	0.0	0.0	6.4
4	18.0	30.3	23.5	57.3	15.537	13.0	0.0	0.0	0.0	4.5
5	19.0	29.3	22.6	75.2	20.150	17.5	0.0	0.0	0.0	3.5
6	17.5	31.8	23.5	68.4	18.268	15.7	0.0	0.0	0.0	8.2
7	17.5	30.0	22.7	78.6	21.417	18.6	0.2	0.0	0.2	4.3
8	18.0	31.9	24.8	66.7	19.174	16.6	0.0	0.0	0.0	6.7
9	18.6	31.4	22.5	76.0	20.816	18.1	0.3	0.0	0.3	6.6
10	15.0	32.2	23.0	71.6	18.926	16.6	0.0	0.0	0.0	8.4
11	18.6	32.5	24.3	72.3	20.761	17.9	0.0	19.9	19.9	7.3
12	18.0	28.0	22.7	72.8	19.426	17.0	0.0	1.3	1.3	1.8
13	18.6	30.3	23.6	74.3	20.893	18.0	0.0	0.0	0.0	5.3
14	18.4	30.0	23.1	70.4	19.194	16.5	0.3	1.8	2.1	3.8
15	19.2	32.5	24.0	72.6	20.842	18.1	0.0	0.0	0.0	5.6
16	19.5	31.9	25.3	69.9	21.482	18.5	0.0	1.4	1.4	6.4
17	18.0	31.4	24.2	70.6	19.848	17.1	0.0	0.0	0.0	5.1
18	20.0	31.5	23.9	75.0	21.673	18.7	0.0	0.4	0.4	4.6
19	19.0	31.0	22.0	76.1	19.942	17.4	25.6	0.2	25.8	4.3
20	16.0	29.0	21.4	72.3	17.399	15.1	0.0	0.0	0.0	3.3
21	15.2	31.9	23.9	65.0	17.372	15.2	0.0	0.4	0.4	7.1
22	20.0	30.9	24.3	72.2	20.962	18.2	0.1	18.7	18.8	3.9
23	19.5	27.2	21.5	74.1	18.624	16.1	24.1	0.0	24.1	1.8
24	18.5	31.2	23.0	69.1	18.368	15.8	0.3	0.0	0.3	6.5
25	19.6	29.5	22.8	68.6	18.605	16.2	0.0	0.0	0.0	2.5
26	17.0	32.8	23.9	63.0	17.241	15.1	0.0	1.1	1.1	8.2
27	20.5	33.9	26.3	61.2	19.319	16.7	0.1	1.2	1.3	7.1
28	19.5	34.2	23.2	69.6	20.156	17.6	0.0	0.0	0.0	7.7
PROM	18.3	30.9	23.3	70.9	19.407	16.8	55.4	46.7	102.1	147.0

ESTACION: SANTAGUEDA - FACULTAD

MUNICIPIO: PALESTINA

AÑO: 1.981

ALTITUD: 1.010

LATITUD: 5-05 N.

LONGITUD: 75-40 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	20.6	34.5	26.3	69.1	22.491	19.6	0.0	0.0	0.0	7.9
2	23.0	33.4	25.7	65.7	20.562	17.9	0.0	0.0	0.0	3.6
3	18.0	32.3	25.2	59.1	17.286	15.0	0.0	0.0	0.0	7.5
4	17.5	32.5	25.1	67.7	20.712	18.1	0.0	0.0	0.0	7.7
5	19.5	32.5	22.6	74.6	20.069	17.4	1.5	59.0	60.5	3.2
6	17.5	28.5	22.5	73.8	19.184	16.7	0.3	1.6	1.9	2.4
7	19.5	28.8	23.6	72.8	20.532	17.8	0.0	8.5	8.5	3.0
8	19.0	28.6	21.6	75.1	19.444	17.0	6.3	0.0	6.3	0.0
9	19.0	29.9	22.4	76.5	20.319	17.6	49.4	14.9	64.3	1.9
10	19.0	28.5	23.3	71.7	19.751	17.2	0.0	0.0	0.0	2.2
11	19.0	30.0	24.1	66.8	18.975	16.4	0.0	2.6	2.6	2.8
12	19.5	28.8	22.2	78.7	20.911	18.2	6.6	0.0	6.6	1.3
13	16.5	28.8	23.0	63.8	18.360	16.0	0.0	0.0	0.0	2.3
14	19.5	29.0	22.6	72.1	19.275	16.7	0.0	0.5	0.5	1.5
15	18.0	30.6	23.4	63.9	17.801	15.5	0.0	6.0	6.0	3.6
16	18.0	31.9	23.3	67.3	18.242	16.0	0.0	0.0	0.0	9.2
17	18.0	31.4	23.7	70.5	19.575	17.0	0.1	1.6	1.7	5.1
18	16.6	30.3	22.9	75.6	20.252	17.7	0.0	0.0	0.0	4.2
19	19.3	30.9	23.4	69.0	20.379	17.8	0.0	0.3	0.3	5.7
20	17.0	31.5	23.7	64.0	17.225	15.0	0.0	0.7	0.7	7.9
21	17.0	31.8	22.9	68.6	18.046	15.8	0.0	0.0	0.0	7.9
22	18.5	29.9	22.9	73.9	20.007	17.4	0.0	2.8	2.8	3.4
23	18.5	31.6	23.7	63.7	17.701	15.4	0.0	0.0	0.0	4.6
24	17.5	31.0	23.8	64.8	18.004	15.7	0.0	0.0	0.0	6.2
25	15.6	31.8	23.0	67.3	17.292	15.1	0.0	0.0	0.0	8.0
26	18.5	29.6	22.4	74.9	19.695	17.2	0.0	0.0	0.0	2.3
27	15.3	32.3	23.3	68.5	18.174	16.0	0.0	0.0	0.0	8.0
28	18.6	32.5	23.4	67.2	18.385	16.0	0.0	4.9	4.9	4.1
29	17.5	30.8	23.2	68.0	18.208	16.0	0.0	0.0	0.0	4.4
30	17.5	32.0	24.0	62.3	17.614	15.4	0.0	1.4	1.4	7.5
31	19.0	32.3	24.2	70.3	20.366	17.8	3.6	0.0	3.6	6.9
PROM.	18.2	30.9	23.5	69.4	19.201	16.7	67.8	104.6	172.4	146.5

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	33.5	23.6	67.4	18.116	15.8	0.0	0.0	0.0	7.5
2	17.5	31.8	24.1	66.0	18.785	16.4	0.0	0.0	0.0	2.1
3	18.5	30.8	23.4	66.7	19.069	16.7	0.0	4.9	4.9	1.4
4	17.5	32.5	23.5	67.3	19.108	16.7	0.0	22.1	22.1	5.9
5	18.5	27.3	21.1	81.9	20.481	17.9	5.3	0.5	5.8	0.7
6	18.5	31.8	24.2	67.2	18.960	16.5	0.0	1.8	1.8	7.3
7	19.5	30.6	24.0	70.9	20.322	17.6	0.3	0.0	0.3	1.9
8	19.5	30.5	23.5	73.0	20.547	17.9	0.0	2.1	2.1	1.9
9	19.0	30.9	22.6	77.1	20.901	18.2	0.0	0.0	0.0	2.9
10	19.0	33.8	25.5	65.3	19.833	17.2	0.0	0.0	0.0	7.3
11	19.5	32.5	25.0	73.1	22.223	19.1	0.0	14.9	14.9	1.1
12	20.6	27.5	22.3	82.5	22.347	19.3	7.1	0.0	7.1	0.2
13	18.5	31.5	23.2	74.6	20.357	17.7	0.0	0.0	0.0	4.0
14	19.5	30.6	23.2	72.9	20.369	17.7	2.4	0.1	2.5	3.3
15	18.5	29.0	22.5	72.9	19.437	17.0	0.3	50.2	50.5	2.9
16	17.5	26.0	21.9	80.1	20.541	17.9	6.9	0.0	6.9	1.4
17	16.5	29.5	21.4	78.1	19.641	17.2	3.9	0.4	4.3	3.9
18	18.5	30.3	23.0	73.4	19.514	17.4	0.1	43.2	43.3	3.9
19	18.5	21.0	19.4	91.8	20.845	18.2	7.4	0.0	7.4	0.0
20	15.5	28.0	21.1	77.0	18.946	16.6	0.0	0.0	0.0	2.9
21	15.4	32.5	23.4	65.1	17.860	15.5	0.0	6.2	6.2	9.6
22	19.4	29.8	21.9	79.8	20.875	18.2	3.8	0.1	3.9	3.1
23	17.5	32.0	23.6	65.3	18.450	16.2	0.0	29.1	29.1	5.8
24	18.5	29.0	23.6	73.3	20.593	17.9	0.0	0.0	0.0	2.1
25	18.0	31.5	24.0	67.0	19.250	16.0	0.0	0.6	0.6	6.5
26	19.5	29.0	21.4	92.1	23.371	20.0	1.2	0.0	1.2	3.0
27	19.0	23.5	20.3	91.5	22.087	19.1	28.1	13.5	41.6	0.0
28	18.0	27.3	21.6	79.3	20.121	17.6	0.0	25.5	25.5	0.4
29	18.0	29.8	21.6	82.1	21.170	18.4	8.1	0.0	8.1	2.1
30	18.0	29.5	22.4	79.2	21.895	18.9	0.0	0.0	0.0	2.5
PROM.	18.3	29.8	22.8	75.2	20.214	17.6	74.9	215.2	290.1	97.6

ESTACION: SANTAGUEDA - FACULTAD
 ALTITUD: 1.010

MUNICIPIO: PALESTINA AÑO: 1.981
 LATITUD: 5-05 N. LONGITUD: 75-40 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	18.5	28.8	22.3	76.0	20.300	17.7	2.3	0.0	2.3	0.6
2	19.0	30.0	22.8	75.1	20.808	18.1	0.3	5.6	5.9	4.4
3	18.6	28.6	22.3	76.7	20.325	17.7	0.4	4.8	5.2	0.6
4	18.5	26.0	20.3	67.6	16.417	14.1	0.0	19.9	19.9	3.4
5	17.6	27.9	23.1	63.7	17.565	15.4	0.5	0.0	0.5	2.3
6	18.0	25.5	20.1	85.2	20.223	17.7	15.4	36.0	51.4	0.8
7	16.5	32.2	22.0	75.0	18.947	16.4	0.7	0.3	1.0	5.6
8	17.5	26.3	21.3	75.3	18.431	16.1	0.0	0.0	0.0	1.5
9	16.5	28.3	23.0	67.3	17.777	15.6	13.0	0.7	13.7	2.4
10	17.0	31.9	21.9	65.7	15.626	12.0	0.8	27.0	27.8	4.9
11	17.5	29.5	22.1	81.0	21.634	18.7	0.6	0.0	0.6	4.0
12	17.0	28.3	22.4	71.5	18.661	16.1	0.0	11.9	11.9	2.2
13	17.0	32.6	23.1	77.7	21.693	18.8	0.0	0.0	0.0	6.0
14	18.4	29.5	22.8	74.8	19.780	17.0	0.0	0.0	0.0	2.9
15	19.0	30.8	24.1	76.9	23.098	19.8	0.0	21.1	21.1	1.0
16	17.5	26.8	21.3	87.0	22.333	19.3	2.2	0.0	2.2	0.0
17	17.4	29.0	22.8	69.5	18.609	16.2	0.0	7.9	7.9	1.0
18	19.5	26.0	22.0	75.6	19.516	16.8	0.0	0.0	0.0	0.0
19	18.0	32.5	23.9	71.9	20.482	17.9	0.0	0.0	0.0	5.3
20	17.0	32.6	24.3	74.9	22.093	19.0	0.0	0.0	0.0	10.2
21	18.9	28.3	23.0	80.9	22.561	19.4	0.0	1.6	1.6	0.5
22	19.0	32.3	22.4	75.2	20.358	17.7	0.0	24.8	24.8	7.3
23	18.3	26.0	21.6	83.6	21.438	18.5	0.2	34.8	35.0	0.8
24	18.6	29.0	22.5	82.9	22.261	19.2	1.0	25.0	26.0	2.7
25	18.8	26.5	22.2	83.7	22.146	19.1	1.0	0.6	1.6	6.0
26	18.5	28.5	22.6	78.7	21.035	18.3	0.0	0.0	0.0	6.0
27	19.0	25.9	22.2	88.0	23.476	20.0	0.0	21.9	21.9	1.8
28	17.5	28.6	21.8	76.7	19.477	16.9	0.0	16.3	16.3	6.5
29	18.4	28.6	22.1	81.3	21.344	18.5	0.1	18.0	18.1	3.8
30	18.0	26.4	21.1	85.7	21.101	18.3	0.3	8.4	8.7	3.7
31	18.5	28.5	22.5	77.2	20.698	18.0	12.0	0.6	12.6	2.5
PROM.	18.0	28.8	22.3	76.8	20.329	17.6	50.8	287.2	338.0	100.8

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	18.8	27.3	22.1	77.2	20.125	17.6	0.0	7.9	7.9	4.6
2	17.8	26.8	22.1	81.4	21.035	18.2	0.0	0.0	0.0	7.1
3	17.0	30.2	23.4	75.0	20.670	17.9	0.0	0.0	0.0	9.4
4	17.0	30.6	24.6	70.0	20.402	17.8	0.0	0.0	0.0	7.8
5	19.5	30.5	24.4	72.8	21.579	18.7	0.0	17.3	17.3	6.5
6	18.5	28.5	24.0	72.3	20.593	17.9	0.0	33.2	33.2	6.1
7	19.0	28.0	22.1	86.0	22.833	19.6	5.6	70.0	75.6	1.0
8	18.0	24.5	20.5	92.2	22.445	19.3	11.6	41.1	52.7	0.5
9	17.8	25.5	20.5	85.6	20.401	17.7	2.4	0.0	2.4	0.7
10	17.0	28.5	22.1	69.3	17.695	15.5	0.0	6.0	6.0	9.3
11	18.9	28.0	22.5	80.6	21.488	18.6	0.0	0.2	0.2	4.3
12	18.5	27.5	23.3	76.8	21.080	18.3	0.2	1.3	1.5	3.1
13	19.0	26.5	22.7	79.0	20.997	18.2	0.3	0.4	0.7	3.0
14	18.0	27.1	24.0	76.1	21.406	18.6	0.0	0.0	0.0	4.7
15	17.5	28.0	21.8	82.1	21.457	18.6	0.9	0.6	1.5	4.0
16	17.5	26.0	19.7	82.5	19.063	16.7	32.2	3.3	35.5	1.4
17	16.5	28.1	22.8	73.1	19.532	17.1	0.0	1.6	1.6	8.6
18	18.9	24.4	20.3	89.5	21.384	18.5	3.2	0.0	3.2	0.8
19	16.8	27.5	23.0	66.6	17.703	15.3	0.0	0.0	0.0	7.8
20	17.5	28.0	22.9	74.4	19.746	17.3	0.3	0.0	0.3	6.3
21	17.0	28.5	23.9	69.9	19.097	16.7	0.1	3.3	3.4	6.6
22	17.5	30.0	21.9	80.8	21.001	18.2	0.3	0.0	0.3	5.3
23	17.5	27.5	22.1	79.2	20.422	17.7	0.0	0.0	0.0	3.7
24	17.0	25.8	22.2	82.0	21.463	18.6	0.0	43.6	43.6	3.0
25	16.5	26.5	21.1	84.0	20.575	17.9	0.0	0.1	0.1	3.7
26	17.5	29.5	22.9	73.8	19.714	17.2	0.0	0.2	0.2	6.0
27	18.0	26.5	22.0	83.1	21.761	18.8	0.1	0.0	0.1	2.0
28	17.0	27.8	22.9	77.7	21.302	18.5	0.0	2.7	2.7	4.0
29	18.5	24.5	20.2	89.0	21.330	18.5	4.2	10.4	14.6	1.7
30	17.1	25.5	21.5	84.3	21.046	18.3	0.0	0.0	0.0	3.5
PROM.	17.8	27.5	22.3	78.9	20.645	17.9	61.4	243.2	304.6	136.5

ESTACION: SANTIAGUEDA - FACULTAD
 ALTITUD: 1.010

MUNICIPIO: PALESTINA
 LATITUD: 5-05 N.

AÑO: 1.961
 LONGITUD: 75-40 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	28.0	20.7	78.4	18.470	16.2	0.0	5.3	5.3	8.0
2	16.6	29.5	22.2	76.4	19.893	17.4	0.0	5.8	5.8	9.1
3	16.4	28.5	22.3	74.1	19.743	17.2	0.2	0.3	0.5	6.0
4	18.0	29.0	22.7	83.2	22.433	19.3	1.4	4.3	5.7	3.9
5	18.0	27.3	23.4	65.0	17.006	14.8	55.3	2.3	57.6	6.7
6	16.5	26.0	21.8	75.8	18.790	16.5	0.0	0.0	0.0	5.3
7	16.0	31.0	23.2	66.3	17.539	15.3	0.0	0.0	0.0	9.8
8	18.5	30.3	24.0	63.8	17.910	15.7	0.0	49.4	49.4	9.7
9	18.9	25.0	21.7	82.2	21.249	18.4	2.5	29.8	32.3	3.0
10	17.5	25.5	22.1	78.8	20.402	17.8	0.0	12.3	12.3	3.1
11	17.8	27.5	23.7	70.0	18.763	16.4	0.0	2.7	2.7	6.5
12	18.5	28.5	24.6	73.4	20.682	18.0	1.9	0.2	2.1	5.8
13	18.0	27.0	21.4	81.3	20.519	17.9	0.0	0.0	0.0	4.9
14	16.7	27.9	22.6	74.1	19.472	16.9	0.0	0.0	0.0	8.6
15	16.8	29.5	21.1	76.1	18.612	16.4	0.0	1.1	1.1	7.5
16	17.8	27.0	21.8	76.8	19.546	17.1	1.3	27.5	28.8	3.5
17	17.8	22.5	19.4	89.2	19.972	17.5	5.5	0.2	5.7	0.9
18	16.0	27.5	21.4	70.3	17.078	15.0	0.0	0.0	0.0	7.3
19	17.8	30.0	25.2	65.5	17.874	15.6	0.0	0.0	0.0	7.7
20	17.5	25.5	19.5	87.8	19.872	17.3	1.1	0.0	1.1	4.3
21	15.5	27.3	22.1	74.9	19.024	16.6	0.0	0.0	0.0	6.2
22	15.5	29.0	21.7	74.8	18.403	16.1	0.0	0.0	0.0	8.2
23	16.4	30.5	23.5	63.8	17.234	15.2	0.0	0.0	0.0	9.7
24	15.0	29.5	23.3	67.6	16.837	14.7	0.0	0.0	0.0	9.8
25	13.5	31.5	23.9	61.0	15.459	13.4	0.0	0.0	0.0	10.7
26	14.5	31.0	25.4	56.8	15.053	12.9	0.0	0.0	0.0	10.4
27	14.5	29.3	23.0	70.4	18.389	16.1	0.0	0.0	0.0	7.7
28	15.5	30.0	22.1	74.1	18.700	16.4	0.0	0.0	0.0	7.4
29	14.5	29.5	22.0	73.5	18.195	15.9	0.0	0.0	0.0	8.2
30	14.5	29.9	22.3	75.0	18.865	16.4	0.0	0.0	0.0	8.3
31	16.4	30.5	23.4	70.7	19.136	16.7	0.0	0.0	0.0	8.9
PROM.	16.5	28.4	22.5	73.3	18.746	16.4	69.2	141.2	210.4	217.1

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	30.0	23.3	70.8	18.939	16.6	0.0	0.0	0.0	7.2
2	16.5	30.5	25.1	64.6	18.733	16.4	0.0	0.7	0.7	5.5
3	17.5	28.0	23.1	73.2	20.023	17.5	0.0	0.0	0.0	2.0
4	16.3	31.0	24.2	68.1	19.048	16.7	0.0	0.0	0.0	7.9
5	17.8	31.3	24.6	70.0	20.342	17.7	0.0	5.4	5.4	8.3
6	18.0	30.6	23.9	74.7	21.331	18.3	0.0	0.0	0.0	6.4
7	18.8	28.1	22.8	75.5	20.212	17.5	2.1	1.4	3.5	3.7
8	17.8	29.0	24.4	71.3	20.073	17.5	0.0	3.6	3.6	6.5
9	18.9	29.0	20.9	82.3	20.199	17.6	1.1	0.0	1.1	3.8
10	15.0	31.2	22.7	71.1	18.161	15.8	0.0	0.0	0.0	8.5
11	17.8	30.0	22.0	80.0	20.490	17.8	0.4	6.1	6.5	5.6
12	18.0	25.6	21.5	87.2	21.790	18.8	3.0	21.4	24.4	1.3
13	17.5	25.7	23.1	71.4	19.174	16.8	0.0	0.0	0.0	4.0
14	17.8	28.0	22.3	69.6	18.538	15.9	0.0	0.0	0.0	4.5
15	15.5	30.5	25.0	62.2	16.585	14.5	0.0	0.0	0.0	4.5
16	18.0	30.5	26.2	63.0	18.712	16.4	0.5	3.9	4.4	10.4
17	18.5	28.0	22.4	84.1	22.396	19.3	0.1	0.1	0.2	4.5
18	18.0	29.0	22.7	75.2	20.061	17.5	0.0	0.0	0.0	5.8
19	17.8	30.5	23.2	72.2	19.495	17.0	0.0	0.0	0.0	9.3
20	15.0	31.0	23.2	71.5	19.045	16.5	0.0	0.5	0.5	9.0
21	17.0	29.5	22.9	78.9	21.255	18.3	0.0	48.5	48.5	6.0
22	17.5	28.5	22.7	81.6	21.551	18.4	0.0	0.0	0.0	6.9
23	17.5	25.0	20.8	84.1	20.770	18.1	19.8	0.0	19.8	1.8
24	15.4	29.5	18.9	73.2	15.413	13.0	11.3	2.7	14.0	7.6
25	17.5	27.6	21.6	77.7	19.270	16.7	1.1	1.1	2.2	5.0
26	17.6	28.3	22.4	79.2	20.700	18.0	0.0	0.0	0.0	6.4
27	17.5	31.5	23.3	67.5	18.603	16.3	0.1	0.0	0.1	8.6
28	16.5	29.3	22.9	69.6	18.105	15.7	0.0	0.3	0.3	9.1
29	16.5	28.6	20.3	78.9	18.253	15.8	7.0	0.8	7.8	8.5
30	17.0	26.5	22.5	73.9	18.845	16.5	0.0	1.6	1.6	4.8
31	17.0	28.0	21.9	80.0	20.261	17.6	2.3	66.5	68.8	3.3
PROM	17.2	29.0	22.8	74.3	19.560	17.0	48.8	164.6	213.4	191.9

ESTACION: SANTAGUEDA - FACULTAD

MUNICIPIO: PALESTINA

AÑO: 1.961

ALTITUD: 1.010

LATITUD: 5-05 N.

LONGITUD: 75-40 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	25.5	20.3	84.1	19.766	17.3	0.3	3.6	3.9	2.3
2	16.3	28.0	21.2	77.3	18.792	16.4	0.0	0.0	0.0	4.0
3	16.0	26.9	21.6	81.5	20.425	17.7	0.2	5.2	5.4	6.8
4	17.0	27.5	21.4	83.0	20.594	17.9	1.1	0.5	1.6	6.1
5	16.6	26.5	20.6	82.7	20.005	17.5	0.0	3.7	3.7	4.3
6	16.8	27.0	21.1	82.0	20.385	17.8	0.0	0.0	0.0	5.2
7	17.3	27.0	20.2	90.8	21.360	18.5	0.6	0.0	0.6	4.2
8	15.5	27.2	21.4	77.5	19.370	17.0	0.0	17.6	17.6	6.7
9	16.8	29.0	22.5	77.5	20.329	17.7	0.0	6.8	6.8	6.2
10	17.5	29.5	22.9	75.6	20.483	17.7	0.2	62.1	62.3	5.1
11	17.8	28.5	20.6	81.3	19.538	17.1	1.5	0.0	1.5	8.4
12	15.0	30.0	22.8	71.1	18.510	16.1	0.0	9.3	9.3	6.6
13	17.0	28.0	22.4	74.6	19.487	17.0	0.0	0.0	0.0	7.6
14	15.5	29.6	22.8	74.8	19.827	17.3	0.2	23.4	23.6	2.5
15	16.5	27.5	21.9	79.3	20.073	17.4	0.0	0.0	0.0	4.1
16	17.0	29.0	21.8	78.4	19.884	17.3	0.0	0.0	0.0	5.2
17	14.0	29.4	21.6	77.5	19.089	16.6	0.3	0.0	0.3	7.7
18	15.3	31.0	22.8	71.9	18.572	16.1	0.0	0.0	0.0	9.8
19	18.0	25.0	19.3	87.4	19.780	17.3	3.6	0.0	3.6	1.3
20	16.7	30.5	22.8	76.1	20.249	17.6	0.0	0.1	0.1	9.7
21	17.5	30.5	22.2	75.3	19.291	16.8	0.0	0.0	0.0	5.4
22	14.5	29.5	22.3	76.5	19.906	17.4	0.0	0.0	0.0	5.6
23	14.0	31.0	22.6	67.9	17.403	15.2	0.0	0.0	0.0	8.5
24	15.5	31.0	24.1	66.8	19.096	16.5	0.0	0.0	0.0	6.2
25	17.7	30.8	22.7	68.3	19.056	16.6	0.0	0.3	0.3	7.4
26	17.5	29.5	22.0	81.5	21.112	18.3	0.0	0.0	0.0	3.6
27	16.8	30.5	23.6	70.6	19.519	17.1	0.0	3.4	3.4	6.0
28	17.0	30.6	20.9	72.1	18.093	15.8	0.0	0.0	0.0	8.3
29	17.1	30.6	23.8	75.8	21.144	18.3	0.0	0.0	0.0	8.1
30	17.4	31.0	23.5	74.4	20.812	18.1	0.0	3.0	3.0	8.1
PROM.	16.5	28.9	22.0	77.1	19.732	17.2	8.0	139.0	147.0	181.0

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	18.6	28.0	22.1	85.4	23.005	19.7	0.3	0.0	0.3	2.5
2	17.5	30.5	24.2	67.9	19.154	16.7	0.0	0.0	0.0	9.3
3	17.5	27.5	22.4	76.3	20.674	18.0	0.2	2.4	2.6	2.5
4	18.5	29.5	21.9	79.5	20.588	17.9	0.0	0.0	0.0	5.3
5	17.0	30.8	23.9	71.9	20.298	17.6	0.0	0.4	0.4	8.0
6	19.0	31.0	22.4	76.3	20.309	17.6	0.9	0.0	0.9	6.3
7	17.5	31.5	23.3	71.4	19.509	17.0	0.0	0.8	0.8	5.9
8	18.5	29.1	22.0	81.0	21.096	18.3	20.0	2.6	22.6	3.1
9	19.0	28.5	22.5	79.5	21.388	18.5	0.8	11.8	12.6	6.9
10	18.0	28.0	22.3	77.5	20.244	17.7	0.0	6.9	6.9	4.5
11	17.5	27.0	21.4	83.7	21.201	18.4	0.0	0.0	0.0	3.9
12	18.5	28.0	20.9	88.4	22.348	19.2	3.4	0.0	3.4	3.2
13	17.0	30.0	21.5	78.6	19.557	17.1	3.9	0.3	4.2	6.1
14	18.0	30.0	23.3	68.6	18.718	16.4	0.0	0.0	0.0	4.2
15	18.0	29.0	23.4	75.5	20.674	17.8	0.0	0.0	0.0	3.0
16	18.5	29.0	24.0	70.2	19.817	17.2	0.0	0.0	0.0	4.4
17	18.5	30.5	24.2	73.6	21.201	18.3	0.0	0.3	0.3	5.6
18	19.8	30.0	24.0	75.3	21.809	18.8	0.7	1.6	2.3	6.1
19	18.0	28.0	23.8	79.2	22.429	19.2	0.2	3.5	3.7	5.4
20	18.8	32.0	22.6	76.4	20.251	17.5	0.0	0.0	0.0	6.9
21	19.3	31.5	23.4	68.5	19.131	16.8	0.0	6.8	6.8	8.8
22	18.0	27.0	21.5	81.9	20.600	17.9	1.8	0.0	1.8	2.1
23	18.0	26.4	22.4	78.2	20.810	18.1	0.3	11.0	11.3	2.0
24	18.0	26.5	21.4	86.1	21.694	18.8	0.0	0.0	0.0	2.8
25	17.6	30.5	22.7	74.5	20.366	17.8	0.0	0.0	0.0	7.2
26	16.0	29.5	21.5	80.8	20.464	17.8	5.9	0.0	5.9	5.9
27	16.5	27.5	21.7	77.3	19.763	17.3	0.0	0.1	0.1	3.5
28	17.5	28.0	21.1	77.5	19.191	16.8	0.2	0.0	0.2	3.1
29	17.5	30.5	24.2	73.9	20.999	18.1	0.0	33.8	33.8	8.0
30	18.0	24.0	21.4	88.0	21.954	18.9	11.1	0.0	11.1	0.0
31	16.8	28.0	22.0	74.4	19.135	16.8	0.0	1.3	1.3	4.2
PROM.	18.0	28.9	22.6	77.3	20.593	17.9	50.5	83.6	134.1	151.1

ESTACION: SANTAGUEDA - FACULTAD

MUNICIPIO: PALESTINA

AÑO: 1.961

ALTITUD: 1.010

LATITUD: S-05 N.

LONGITUD: 75-40 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	25.3	20.8	86.9	21.275	18.5	0.0	0.0	0.0	1.4
2	15.0	29.3	22.1	76.3	19.490	17.0	0.0	0.0	0.0	7.6
3	15.6	30.5	22.6	71.9	18.864	16.5	0.0	0.0	0.0	7.7
4	18.5	30.2	22.8	78.0	21.331	18.5	0.2	1.6	1.8	6.1
5	18.5	29.5	22.9	73.5	19.670	17.0	0.0	0.0	0.0	9.0
6	18.5	31.0	23.9	72.6	20.664	17.8	0.0	9.6	9.6	8.5
7	17.6	29.4	23.2	78.1	21.588	18.7	1.5	20.7	22.2	5.9
8	18.6	29.0	22.4	78.9	20.872	18.2	0.5	13.2	13.7	6.9
9	17.0	27.2	21.2	82.7	20.394	17.8	0.0	5.6	5.6	7.8
10	17.5	27.3	21.9	79.6	20.529	17.8	10.8	0.6	11.4	8.6
11	18.0	30.5	23.6	76.2	21.603	18.7	0.0	1.9	1.9	6.9
12	18.5	30.0	22.2	81.9	21.703	18.8	2.0	2.5	4.5	5.8
13	18.5	29.5	23.6	75.9	21.584	18.7	1.1	1.5	2.6	6.2
14	18.5	27.0	21.7	90.6	23.893	20.3	0.0	2.2	2.2	1.5
15	17.5	28.8	22.9	84.9	23.324	19.9	0.0	12.2	12.2	6.0
16	17.5	28.5	22.7	83.3	23.012	19.7	0.0	4.3	4.3	5.1
17	19.0	29.0	22.3	78.4	20.811	18.1	0.0	1.5	1.5	7.1
18	19.0	29.5	22.2	82.4	22.123	19.1	5.4	0.0	5.4	6.9
19	16.6	30.5	22.6	80.9	21.825	18.9	0.0	35.6	35.6	9.4
20	17.8	28.0	22.0	82.4	21.600	18.7	0.2	0.0	0.2	4.3
21	17.8	27.5	21.7	79.4	20.242	17.7	0.0	0.0	0.0	4.4
22	16.5	28.5	21.7	84.8	21.790	18.8	0.0	0.0	0.0	5.9
23	17.5	29.0	22.9	80.7	22.090	19.0	17.5	27.7	45.2	9.5
24	17.0	27.0	21.7	87.4	22.869	19.6	0.0	50.5	50.5	4.9
25	17.0	25.0	20.3	91.2	21.744	18.8	25.9	0.0	25.9	0.6
26	16.0	30.5	22.8	77.2	20.724	18.0	0.0	0.0	0.0	9.0
27	16.7	27.0	21.9	85.1	22.260	19.2	0.0	0.1	0.1	5.3
28	16.0	27.5	21.7	78.7	20.124	17.6	0.1	12.1	12.2	6.3
29	17.0	25.5	21.0	90.3	22.181	19.1	0.0	10.3	10.3	1.2
30	16.9	28.0	22.3	81.7	21.656	18.7	0.0	30.8	30.8	6.5
PROM.	17.5	28.5	22.3	81.1	21.395	18.5	65.2	244.5	309.7	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	17.0	28.2	21.8	79.6	20.219	17.6	1.3	9.7	11.0	5.7
2	17.0	29.0	22.0	77.1	20.125	17.6	0.0	0.0	0.0	7.4
3	15.0	29.4	22.3	72.0	18.356	15.8	0.0	0.0	0.0	7.0
4	16.8	29.5	22.6	75.2	20.085	17.5	0.0	0.0	0.0	5.9
5	16.5	27.9	21.6	77.9	19.973	17.3	9.8	26.2	36.0	5.4
6	16.3	29.0	22.5	66.8	17.916	15.6	0.0	0.0	0.0	5.3
7	17.3	29.0	22.9	78.5	21.549	18.6	0.4	0.9	1.3	5.5
8	16.0	28.0	22.6	80.0	21.653	18.7	0.0	20.3	20.3	5.3
9	17.8	27.5	22.6	84.3	23.090	19.8	0.0	0.0	0.0	1.9
10	17.0	26.0	22.0	84.0	22.058	19.1	0.0	5.5	5.5	0.0
11	17.5	27.4	21.0	79.3	19.522	17.0	13.5	0.0	13.5	4.7
12	15.6	29.5	22.4	76.7	20.215	17.6	0.0	0.4	0.4	7.6
13	20.0	30.5	23.9	75.2	21.706	18.6	0.0	0.0	0.0	8.2
14	18.0	29.0	23.3	74.5	20.732	18.0	0.0	0.0	0.0	6.8
15	18.0	28.3	22.6	76.7	20.692	17.9	0.8	0.0	0.8	7.0
16	15.5	28.5	22.5	73.8	19.232	16.8	0.0	0.0	0.0	8.6
17	17.0	30.0	23.4	65.5	18.320	16.1	0.0	0.0	0.0	8.4
18	17.5	29.0	23.1	75.8	21.173	18.4	0.0	0.0	0.0	6.7
19	15.5	28.5	21.6	77.6	19.329	16.9	0.0	11.4	11.4	5.4
20	17.0	28.5	22.7	80.9	21.954	19.0	0.0	24.2	24.2	4.6
21	17.5	26.5	21.8	79.9	20.582	17.9	0.0	1.3	1.3	1.4
22	17.0	26.5	22.3	78.3	20.647	18.0	0.0	1.0	1.0	1.3
23	17.0	28.6	22.5	74.0	19.561	17.0	0.0	0.0	0.0	6.4
24	17.0	31.0	23.6	71.4	19.770	17.2	0.0	0.0	0.0	8.4
25	18.0	26.8	22.6	78.7	21.389	18.6	0.0	3.6	3.6	1.6
26	17.0	29.0	22.6	78.5	21.080	18.3	0.0	0.0	0.0	5.3
27	17.0	30.5	23.0	73.2	19.371	16.8	0.0	9.0	9.0	8.4
28	17.5	31.5	23.7	71.8	20.078	17.4	0.0	0.0	0.0	8.1
29	18.0	22.0	20.3	94.9	22.662	19.5	0.6	0.0	0.6	0.0
30	15.5	29.4	23.1	69.4	18.443	16.2	0.0	36.0	36.0	6.8
31	16.8	29.6	21.6	76.7	19.161	16.7	0.0	0.0	0.0	7.3
PROM.	17.0	28.5	22.5	76.7	20.343	17.7	26.4	149.5	175.9	172.3

ESTACION: SANTIQUEDA - FACULTAD MUNICIPIO PALESTINA
 ALTITUD: 1.010 LATITUD: S-05 N.

AÑO: 1.981
 LONGITUD: 75-40 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.7	31.1	22.9	14.0	33.5	72.7	19.131	16.6	46.0	5	234.2
FEBRERO	18.3	30.9	23.3	15.0	34.2	70.9	19.407	16.8	102.1	15	147.0
MARZO	18.2	30.9	23.5	15.3	34.5	69.4	19.201	16.7	172.4	16	146.5
ABRIL	18.3	29.8	22.8	15.4	33.8	75.2	20.214	17.6	290.1	22	97.6
MAYO	18.0	28.8	22.3	16.5	32.6	76.8	20.329	17.6	338.0	24	100.8
JUNIO	17.8	27.5	22.3	16.5	30.6	78.9	20.645	17.9	304.6	23	136.5
JULIO	16.5	28.4	22.5	13.5	31.5	73.3	18.746	16.4	210.4	14	217.1
AGOSTO	17.2	29.0	22.8	15.0	31.5	74.3	19.560	17.0	213.4	19	191.9
SEPTIEMBRE	16.5	28.9	22.0	14.0	31.0	77.1	19.732	17.2	147.0	17	181.0
OCTUBRE	18.0	28.9	22.6	16.0	32.0	77.3	20.593	17.9	134.1	22	151.1
NOVIEMBRE	17.5	28.5	22.3	15.0	31.0	81.1	21.395	18.5	309.7	23	182.3
DICIEMBRE	17.0	28.5	22.5	15.0	31.5	76.7	20.343	17.7	175.9	16	172.3
PROMEDIO	17.5	29.3	22.7	15.1	32.3	75.3	19.941	17.3			
TOTAL									2443.7	216	1958.3

ESTACION: SANTAGUEDA - LUKER.

MUNICIPIO: PALESTINA

AÑO:

1.981

ALTITUD: 1.020

LATITUD: 5-05 N.

LONGITUD: 75-41 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	29.5	23.2	73.5	20.460	17.7	0.0	0.0	0.0	8.1
2	15.5	30.0	22.3	73.2	18.349	15.9	0.0	0.0	0.0	7.2
3	16.0	30.4	23.2	69.9	18.385	15.8	0.0	0.0	0.0	8.6
4	18.5	31.0	23.3	68.0	18.290	15.7	0.0	0.0	0.0	8.6
5	17.5	30.0	23.2	67.9	18.066	15.6	0.0	0.0	0.0	8.9
6	17.0	30.0	22.5	73.2	18.865	16.3	0.0	0.0	0.0	7.1
7	17.0	29.2	23.1	69.7	18.552	16.1	0.0	0.0	0.0	7.1
8	18.5	30.5	23.1	71.3	19.187	16.5	0.0	0.0	0.0	5.7
9	18.0	30.0	22.8	75.9	20.536	17.8	0.0	0.0	0.0	4.5
10	17.5	30.5	23.2	67.9	17.809	15.3	0.0	0.0	0.0	8.3
11	17.0	30.0	22.9	68.9	18.011	15.4	0.0	27.7	27.7	6.2
12	18.6	30.0	23.1	70.5	19.052	16.6	0.4	2.6	3.0	7.0
13	16.5	31.0	22.2	72.6	18.308	15.8	0.0	0.0	0.0	9.0
14	14.0	30.0	21.9	70.1	16.697	14.3	0.0	0.0	0.0	9.5
15	16.5	30.5	22.2	69.7	17.205	14.7	0.0	0.0	0.0	8.7
16	16.5	30.0	22.7	70.6	18.023	15.6	0.0	0.0	0.0	9.9
17	15.5	29.7	22.4	68.6	17.049	14.5	0.0	0.0	0.0	8.7
18	17.5	31.5	23.5	67.4	18.113	15.5	0.0	0.0	0.0	9.2
19	16.5	30.5	22.5	67.5	17.015	14.7	0.0	0.5	0.5	9.8
20	17.5	31.0	22.5	66.5	16.995	14.6	0.0	0.0	0.0	10.5
21	16.5	30.0	22.4	68.1	17.213	14.9	0.0	0.0	0.0	10.5
22	16.5	30.0	21.9	67.6	16.458	14.1	0.0	0.9	0.9	
23	15.6	30.0	21.6	69.7	16.681	14.3	0.0	0.0	0.0	
24	17.5	30.0	22.4	66.6	17.139	14.8	0.0	0.0	0.0	
25	15.5	29.3	22.2	67.1	16.473	14.3	0.0	0.0	0.0	
26	18.5	31.5	24.3	63.5	17.946	15.4	0.0	0.0	0.0	
27	16.0	31.5	23.9	66.2	17.753	15.3	0.0	0.0	0.0	
28	17.0	29.5	22.6	69.5	18.344	16.0	0.0	0.1	0.1	7.0
29	18.0	26.5	22.0	79.2	20.754	18.1	0.0	0.0	0.0	2.1
30	15.5	31.0	23.4	63.9	16.466	14.2	0.0	16.2	16.2	8.5
31	19.0	28.0	20.8	80.1	19.564	16.8	25.4	0.0	25.4	2.8
PROM.	16.9	30.1	22.7	69.8	18.057	15.6	25.8	48.0	73.8	

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	18.0	28.0	21.8	79.3	20.458	17.8	4.0	0.1	4.1	2.3
2	18.0	30.5	23.8	69.4	18.967	16.2	0.0	0.0	0.0	5.7
3	17.5	30.2	23.0	70.8	18.485	15.8	0.0	0.0	0.0	6.8
4	18.0	29.0	23.8	67.9	19.199	16.8	0.0	0.0	0.0	2.2
5	19.5	29.5	22.8	72.6	19.545	16.9	0.1	0.0	0.1	3.9
6	17.5	30.2	23.6	65.1	17.463	15.0	0.0	0.0	0.0	9.5
7	18.5	30.0	21.9	73.1	18.640	15.9	1.4	0.0	1.4	4.8
8	17.5	31.0	23.7	64.4	17.655	15.2	0.0	0.0	0.0	8.4
9	19.0	31.0	22.3	70.9	18.672	16.2	0.0	0.0	0.0	6.9
10	15.5	31.0	22.7	67.1	17.168	15.0	0.0	0.0	0.0	9.5
11	18.5	31.5	24.1	61.5	17.048	14.6	0.0	19.8	19.8	7.8
12	18.5	27.5	22.6	76.1	20.429	17.5	0.0	0.0	0.0	2.6
13	19.5	29.2	23.9	69.4	19.950	17.3	0.0	0.0	0.0	7.6
14	20.5	29.0	23.4	70.6	19.695	16.9	0.4	2.7	3.1	5.8
15	19.5	30.5	23.2	70.5	19.296	16.8	0.7	0.0	0.7	5.2
16	19.0	31.5	24.6	65.4	19.256	16.7	0.0	2.5	2.5	8.0
17	18.5	31.0	24.5	66.4	18.880	16.5	0.0	0.0	0.0	5.8
18	20.5	31.0	24.5	66.6	20.003	17.5	0.0	0.1	0.1	6.5
19	20.0	30.5	22.7	72.5	19.592	17.4	13.3	0.5	13.8	5.8
20	17.0	29.0	22.3	73.6	18.846	16.3	0.0	0.0	0.0	4.7
21	15.5	31.5	24.2	66.0	18.107	15.7	0.0	0.0	0.0	5.3
22	19.0	30.5	23.9	73.0	20.922	18.1	0.1	28.8	28.9	8.8
23	19.0	27.5	21.7	82.4	21.450	18.6	32.4	0.0	32.4	0.4
24	18.0	31.0	23.3	68.8	18.688	16.3	0.0	0.0	0.0	7.9
25	19.5	29.0	22.7	77.0	20.478	18.2	0.0	0.0	0.0	3.6
26	17.5	32.1	24.0	71.4	19.740	17.1	0.0	2.4	2.4	9.6
27	19.5	32.3	26.4	63.1	19.918	17.2	0.0	1.5	1.5	8.0
28	19.0	33.5	26.5	61.6	19.304	16.6	0.0	0.0	0.0	9.5
PROM.	18.5	30.3	23.5	69.9	19.241	16.7	52.4	58.4	110.8	172.9

ESTACION: SANTAGUEDA - LUKER

MUNICIPIO: PALESTINA

AÑO: 1.961

ALTITUD: 1.020

LATITUD: 5-05 N.

LONGITUD: 75-41 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.6	33.3	26.1	65.7	21.196	18.2	0.0	0.0	0.0	8.4
2	20.6	32.5	25.8	62.4	19.551	17.0	0.0	0.0	0.0	5.7
3	17.5	31.5	24.5	67.3	19.450	17.0	0.0	0.0	0.0	8.1
4	17.5	32.5	24.7	66.5	19.840	17.3	0.0	0.0	0.0	8.5
5	20.0	31.5	23.6	77.0	22.203	19.1	4.7	58.1	62.8	5.2
6	17.5	29.0	21.9	77.9	19.827	17.3	0.1	1.6	1.7	2.0
7	19.5	29.0	23.1	83.6	23.469	20.1	0.0	7.1	7.1	2.7
8	19.0	27.0	22.4	80.6	21.465	18.6	3.8	0.0	3.8	3.0
9	19.0	29.0	22.6	79.6	21.678	18.7	52.0	6.2	58.2	3.5
10	20.0	28.0	22.9	77.9	21.279	18.4	0.2	0.0	0.2	2.9
11	19.0	29.5	23.8	74.4	21.270	18.3	0.0	21.8	21.8	4.8
12	19.5	29.0	22.2	80.3	21.189	18.3	5.8	0.0	5.8	1.1
13	17.6	29.0	22.9	75.8	20.492	17.8	0.0	0.0	0.0	3.5
14	19.5	28.4	22.6	80.4	21.688	18.7	0.2	0.2	0.4	3.3
15	18.5	30.0	22.8	72.6	19.359	16.7	0.0	5.1	5.1	5.1
16	17.5	31.5	23.3	72.5	19.737	17.2	0.0	0.0	0.0	9.5
17	18.0	30.3	23.3	74.8	20.789	18.0	0.4	0.0	0.4	6.2
18	17.0	30.0	22.9	75.0	20.077	17.4	0.0	0.0	0.0	4.9
19	19.0	30.0	24.0	72.9	20.786	17.9	0.0	1.2	1.2	7.3
20	17.6	31.5	23.9	67.5	18.682	16.3	0.0	0.3	0.3	9.5
21	17.6	30.8	22.8	66.8	17.359	15.0	0.0	0.5	0.5	8.9
22	18.0	28.6	23.2	75.1	20.813	18.1	0.0	0.0	0.0	6.0
23	17.5	30.5	24.3	64.1	18.343	16.0	0.0	0.0	0.0	7.6
24	17.5	30.0	23.8	69.6	19.580	17.0	0.0	0.0	0.0	7.9
25	15.5	31.0	23.3	68.7	18.126	15.7	0.0	0.0	0.0	9.1
26	18.5	28.5	22.2	76.1	19.909	17.3	0.0	0.0	0.0	4.4
27	15.6	31.0	23.4	64.3	17.182	15.0	0.0	0.0	0.0	9.4
28	18.5	31.0	23.3	68.6	18.750	16.2	0.6	14.0	14.6	3.9
29	17.5	30.0	23.2	70.6	19.292	16.9	0.0	0.0	0.0	3.9
30	18.0	31.5	24.4	63.5	18.546	16.2	0.0	0.5	0.5	8.5
31	18.5	31.5	23.5	74.4	20.951	18.2	7.2	0.0	7.2	4.7
PROM.	18.3	30.2	23.4	72.5	20.093	17.4	75.0	116.6	191.6	179.1

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	16.0	32.0	23.4	69.6	18.722	16.2	0.0	0.0	0.0	8.2
2	17.5	30.5	23.7	71.1	20.072	17.3	0.0	0.0	0.0	4.5
3	18.0	30.0	23.8	62.2	18.451	16.2	0.0	10.0	10.0	3.2
4	17.5	31.0	23.9	73.1	20.744	18.0	0.0	21.7	21.7	5.6
5	17.5	27.0	21.3	80.8	20.442	17.8	5.9	1.1	7.0	0.5
6	17.5	30.5	24.1	70.9	20.152	17.6	0.0	2.0	2.0	7.3
7	19.5	29.0	23.4	75.4	21.207	18.3	0.2	0.0	0.2	2.0
8	18.5	29.0	23.5	73.1	20.642	18.0	0.0	1.7	1.7	2.4
9	18.5	28.6	22.9	76.8	20.932	18.1	0.0	0.0	0.0	2.8
10	18.5	32.5	25.6	65.0	19.884	17.3	0.0	0.0	0.0	7.7
11	19.5	29.5	24.5	73.2	21.698	18.7	0.0	6.3	6.3	4.1
12	19.0	27.0	21.7	82.4	21.779	18.8	4.4	0.0	4.4	0.8
13	17.5	30.5	22.8	75.3	20.170	17.5	1.2	0.0	1.2	4.6
14	19.0	29.0	23.2	71.2	19.916	17.3	0.6	1.3	1.9	2.1
15	18.5	29.5	22.2	73.9	19.062	16.5	0.4	30.8	31.2	4.0
16	17.5	27.0	21.7	79.7	20.136	17.5	9.0	0.0	9.0	0.3
17	16.5	30.0	22.1	77.4	20.245	17.7	3.1	0.3	3.4	4.5
18	18.5	29.5	22.9	74.5	20.289	17.7	0.6	30.5	31.1	3.2
19	18.0	21.5	19.0	93.8	20.983	18.2	10.4	0.0	10.4	0.1
20	15.5	27.9	21.5	77.5	19.237	16.8	0.0	0.0	0.0	2.9
21	16.0	32.0	24.0	66.7	18.215	15.7	0.0	4.4	4.4	10.0
22	19.0	29.0	21.9	79.6	20.826	18.1	5.6	0.3	5.9	3.6
23	17.0	30.5	24.0	63.6	17.899	15.6	0.0	21.6	21.6	5.8
24	18.5	28.5	23.5	72.3	20.122	17.5	1.0	0.0	1.0	1.4
25	18.5	31.5	24.4	70.3	20.278	17.4	0.0	12.3	12.3	6.6
26	19.5	29.0	22.4	88.7	24.092	20.5	2.4	0.0	2.4	3.0
27	19.5	23.5	20.9	91.9	22.911	19.7	29.7	14.7	44.4	0.0
28	18.0	26.2	21.7	76.6	19.482	17.0	0.0	21.2	21.2	0.4
29	18.5	29.5	22.0	83.3	22.141	19.1	9.2	0.0	9.2	2.1
30	17.5	28.0	22.2	75.9	19.813	17.3	0.0	0.0	0.0	2.5
PROM	18.0	29.0	22.8	75.5	20.352	17.6	83.7	180.2	263.9	106.2

ESTACION: SANTAGUEDA - LUKER

MUNICIPIO: PALESTINA

AÑO: 1.941

ALTITUD: 1.020

LATITUD: 5-05 N.

LONGITUD: 75-41 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	29.5	22.3	78.6	20.674	17.8	8.3	0.0	8.3	0.6
2	17.5	28.5	22.1	75.4	19.829	17.3	36.1	7.5	43.6	4.4
3	18.5	28.0	22.2	81.1	21.605	18.8	0.0	0.1	0.1	0.6
4	18.0	29.0	22.2	77.2	20.332	17.6	1.1	3.3	4.4	3.4
5	18.5	29.5	23.0	76.1	20.826	18.1	0.0	27.4	27.4	2.3
6	18.0	25.5	19.9	87.5	20.323	17.8	0.2	0.0	0.2	0.8
7	16.5	30.6	22.2	65.7	17.049	14.9	11.1	43.4	54.5	5.6
8	17.5	25.0	21.3	73.2	18.084	15.9	1.0	0.1	1.1	1.5
9	16.5	27.0	21.2	74.9	18.403	16.1	0.0	0.0	0.0	3.1
10	17.5	30.5	21.7	68.0	17.062	14.8	21.0	1.5	22.5	7.2
11	17.5	28.5	22.9	73.8	19.833	17.2	0.0	0.0	0.0	5.6
12	16.5	27.5	21.3	79.4	19.998	17.4	0.6	0.0	0.6	4.0
13	16.5	31.0	23.8	69.8	19.757	17.1	0.0	15.5	15.5	7.7
14	18.5	28.0	22.1	79.3	20.822	18.1	0.0	0.0	0.0	3.7
15	18.0	30.3	23.8	69.1	19.721	17.2	0.0	20.8	20.8	6.0
16	19.6	26.0	21.3	86.9	22.338	19.3	1.7	0.0	1.7	0.0
17	17.5	28.0	22.7	82.2	22.720	19.5	0.1	3.9	4.0	5.0
18	18.5	25.6	21.7	84.3	21.870	18.9	0.0	0.0	0.0	0.4
19	17.6	31.5	23.4	74.8	20.690	17.9	0.0	0.0	0.0	7.6
20	17.5	32.3	24.4	68.0	19.405	16.8	0.0	0.0	0.0	10.3
21	19.0	28.5	24.1	75.1	22.244	19.2	0.0	1.5	1.5	1.2
22	20.0	31.5	25.3	69.7	21.844	18.9	0.0	14.8	14.8	7.2
23	19.0	27.5	23.3	77.3	21.981	19.0	0.0	40.5	40.5	0.4
24	19.0	28.0	22.3	77.9	20.761	18.0	0.9	25.0	25.9	2.1
25	19.5	29.0	22.3	74.9	19.838	17.3	1.1	1.0	2.1	5.3
26	19.5	29.0	22.9	72.6	19.774	17.2	0.0	0.0	0.0	5.7
27	20.0	27.0	22.9	76.6	21.367	18.5	0.0	26.6	26.6	2.2
28	19.0	30.0	23.3	71.7	19.661	17.1	0.0	6.8	6.8	6.5
29	19.0	29.0	22.8	75.2	20.583	17.9	0.7	23.8	24.5	5.5
30	18.5	28.0	21.7	79.7	20.446	17.8	0.8	8.6	9.4	0.4
31	19.5	28.0	22.6	73.4	20.061	17.6	7.1	1.6	8.7	2.0
PROM.	18.2	28.6	22.5	75.8	20.319	17.6	91.8	273.7	365.5	118.3

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	19.5	29.0	23.1	75.8	21.035	18.2	0.3	9.5	9.8	5.7
2	18.5	28.5	22.7	77.0	20.615	17.8	0.0	0.0	0.0	6.3
3	17.5	30.5	23.8	68.5	18.895	16.4	0.0	0.0	0.0	9.4
4	18.0	31.0	24.9	66.7	19.768	17.2	0.0	0.0	0.0	9.1
5	20.0	31.0	24.7	71.7	21.795	18.8	0.0	12.6	12.6	6.9
6	19.0	29.5	24.6	71.5	21.172	18.3	0.0	39.2	39.2	5.7
7	19.5	28.5	22.8	80.0	21.877	18.8	1.2	62.5	63.7	1.4
8	18.5	26.5	21.0	85.2	21.243	18.5	4.1	81.6	85.7	0.3
9	19.5	26.0	21.4	81.7	20.877	18.2	2.3	0.0	2.3	0.3
10	17.5	29.5	23.1	74.4	20.165	17.5	0.0	7.9	7.9	8.8
11	19.0	28.0	22.4	79.5	21.301	18.4	0.0	0.7	0.7	2.5
12	19.0	28.0	23.1	80.6	22.768	19.6	0.0	2.9	2.9	3.5
13	19.5	27.5	22.4	79.9	21.331	18.4	0.5	0.9	1.4	1.6
14	18.0	28.5	22.8	82.7	23.289	19.9	0.0	0.0	0.0	5.7
15	17.5	29.5	22.4	78.6	21.199	18.4	0.5	0.5	1.0	5.3
16	18.0	27.0	20.9	80.0	19.786	17.2	24.8	2.8	27.6	3.1
17	17.5	30.0	24.5	71.5	19.475	16.9	0.0	2.6	2.6	6.7
18	19.0	25.5	20.8	82.8	20.503	17.9	3.4	0.5	3.9	0.0
19	18.0	29.5	23.4	73.7	20.565	17.8	0.0	0.0	0.0	8.9
20	18.0	28.0	22.6	82.4	22.275	19.2	0.0	0.0	0.0	7.2
21	17.5	30.5	23.5	69.3	19.303	16.8	0.0	10.7	10.7	6.9
22	18.5	30.0	22.5	71.4	19.327	16.9	0.2	0.1	0.3	6.2
23	18.5	29.0	22.3	74.0	19.222	16.7	0.0	0.0	0.0	5.2
24	18.0	27.0	22.5	73.2	19.328	16.9	0.0	27.1	27.1	3.2
25	17.0	27.0	21.9	75.5	19.430	17.0	0.0	0.0	0.0	3.0
26	17.5	29.0	22.9	71.3	18.996	16.6	0.0	0.6	0.6	7.0
27	18.0	28.0	22.3	77.8	20.638	18.0	0.1	0.0	0.1	2.7
28	18.0	29.0	21.6	75.1	19.432	17.1	0.0	1.4	1.4	4.9
29	19.5	26.5	20.9	82.6	20.413	17.8	5.3	14.2	19.5	1.3
30	18.5	26.5	21.9	77.2	19.790	17.2	0.0	0.0	0.0	2.6
PROM.	18.4	28.5	22.6	76.4	20.527	17.8	42.7	278.3	321.0	141.4

ESTACION: SANTAGUEDA - LUKER

MUNICIPIO: PALESTINA

AÑO: 1.961

ALTITUD: 1.020

LATITUD: 5-05 N.

LONGITUD: 75-41 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	29.5	22.5	73.2	18.927	16.3	0.0	9.4	9.4	8.2
2	18.5	30.0	23.2	66.0	18.097	15.4	0.0	8.1	8.1	7.6
3	19.5	29.0	23.4	64.8	18.807	16.3	0.2	0.5	0.7	6.4
4	19.0	27.3	22.8	72.9	20.048	17.5	1.9	6.4	8.3	3.5
5	19.0	28.3	22.6	69.4	19.112	16.4	18.0	7.4	25.4	5.1
6	16.5	27.0	22.2	70.0	18.098	15.9	0.0	0.0	0.0	4.4
7	17.5	31.5	24.5	65.8	19.348	16.7	0.0	0.0	0.0	9.6
8	18.5	31.5	24.7	66.0	19.723	17.2	0.0	43.3	43.3	9.7
9	19.5	25.5	21.9	87.6	23.231	19.9	1.3	43.5	44.8	1.3
10	19.0	27.5	22.4	79.8	21.248	18.4	0.0	5.0	5.0	2.5
11	18.5	28.5	23.0	75.7	20.472	17.7	0.0	3.3	3.3	6.4
12	19.0	29.0	23.3	75.5	21.094	18.3	2.9	0.5	3.4	6.8
13	18.5	28.5	22.6	74.7	20.009	17.4	0.0	0.7	0.7	5.4
14	17.5	29.0	23.4	67.5	18.374	15.9	0.0	0.0	0.0	7.6
15	17.5	30.0	23.9	70.2	19.463	16.5	0.0	0.8	0.8	8.5
16	19.0	28.0	22.0	77.6	20.488	17.9	0.0	19.0	19.0	3.5
17	18.5	23.5	20.1	86.3	20.455	17.9	5.1	0.2	5.3	0.2
18	16.5	27.5	22.1	70.1	18.042	15.7	0.0	0.0	0.0	7.4
19	16.5	31.0	23.1	69.0	18.799	16.2	0.0	0.0	0.0	7.6
20	17.0	27.5	19.5	84.9	19.163	16.8	0.9	0.0	0.9	4.5
21	16.0	29.0	22.3	74.7	19.034	16.6	0.0	0.0	0.0	6.1
22	16.0	30.3	23.4	67.9	17.970	15.4	0.0	0.0	0.0	9.7
23	17.0	31.5	24.2	65.9	18.499	15.8	0.0	0.0	0.0	9.9
24	15.5	30.5	22.2	69.0	17.115	14.7	0.0	0.0	0.0	10.5
25	14.0	30.5	23.5	65.6	17.795	15.2	0.0	0.0	0.0	11.5
26	14.0	31.5	22.8	63.7	16.639	14.4	0.0	0.0	0.0	10.6
27	16.3	30.0	24.3	58.0	18.473	14.2	0.0	0.0	0.0	7.8
28	15.5	30.5	22.6	68.2	18.060	15.8	0.0	0.0	0.0	7.5
29	15.5	30.0	23.0	70.8	18.469	16.0	0.0	0.0	0.0	9.5
30	15.0	30.5	23.2	69.7	18.448	16.0	0.0	0.0	0.0	8.8
31	17.5	31.0	23.8	69.1	19.097	16.5	0.0	0.0	0.0	8.6
PROM.	17.2	29.2	22.9	71.3	19.052	16.5	30.3	148.1	178.4	216.7

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	16.5	30.0	23.8	67.6	19.015	16.5	0.0	0.0	0.0	
2	17.0	30.0	23.9	71.5	20.112	17.4	0.0	0.0	0.0	
3	18.0	29.0	23.8	70.5	19.940	17.3	0.0	0.0	0.0	
4	17.0	31.5	24.3	63.9	17.676	15.3	0.0	0.0	0.0	
5	18.5	32.0	25.2	65.8	20.562	18.0	0.0	3.4	3.4	
6	19.5	31.0	24.3	68.8	18.984	16.4	0.1	0.0	0.1	
7	19.5	29.0	22.7	75.5	21.044	18.3	1.1	1.6	2.7	
8	18.0	29.5	23.3	69.3	19.188	16.6	0.0	4.0	4.0	
9	18.0	29.5	21.4	71.4	17.989	15.7	1.2	0.0	1.2	
10	15.0	31.0	22.3	65.6	16.418	14.1	0.0	0.0	0.0	
11	18.0	29.5	23.0	72.6	19.697	17.2	0.3	4.4	4.7	
12	19.5	27.0	22.6	78.7	21.137	18.3	3.0	19.6	22.6	
13	18.5	27.6	22.3	75.1	19.730	17.1	0.0	0.1	0.1	
14	18.6	28.8	22.8	69.4	18.690	16.2	0.0	0.0	0.0	
15	17.0	30.5	23.6	67.0	18.318	15.8	0.0	0.0	0.0	
16	18.0	31.0	23.9	63.2	18.181	15.6	0.9	4.5	5.4	
17	19.0	28.0					0.1	0.0	0.1	
18							0.0	0.0	0.0	
19							0.0	0.0	0.0	
20	17.6	30.8	23.8	68.0	19.099	16.4	0.0	0.6	0.6	
21	17.5	30.0	23.4	76.3	21.541	18.6	0.3	39.5	39.8	
22	18.0	29.5	22.4	76.8	20.181	17.5	0.0	0.0	0.0	
23	18.5	28.5	21.0	88.3	22.256	19.2	9.2	0.0	9.2	
24	17.0	30.5	22.1	75.6	19.964	17.4	1.5	3.1	4.6	
25	17.5	29.0	21.2	79.3	19.424	16.9	0.7	2.3	3.0	
26	18.5	29.3	23.0	75.3	20.368	17.6	0.0	0.0	0.0	
27	18.0	31.5	23.9	74.1	20.883	17.9	0.0	1.9	1.9	
28	17.5	30.0	23.9	70.9	19.259	16.3	0.0	0.2	0.2	
29	17.0	30.0	22.1	70.2	18.266	15.9	4.5	9.0	13.5	
30	17.0	26.5	21.7	77.0	19.559	16.9	0.0	1.5	1.5	
31	18.5	28.5	22.8	76.6	20.727	17.9	0.3	67.4	67.7	
PROM	17.9	29.6	23.0	72.3	19.593	16.9	23.2	163.1	186.3	

ESTACION: SANTAGUEDA - LUKER

MUNICIPIO: PALESTINA

AÑO: 1.981

ALTITUD: 1.020

LATITUD: 5-05 N.

LONGITUD: 75-41 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	26.5	21.6	75.0	18.662	16.2	0.1	3.5	3.6	0.8
2	17.0	29.0	21.7	70.2	17.551	15.2	0.0	0.0	0.0	3.9
3	16.5	28.0	22.5	70.9	18.383	15.9	0.0	6.9	6.9	7.0
4	18.0	28.8	21.5	75.3	18.704	16.1	0.6	1.3	1.9	4.0
5	17.5	27.6	21.6	77.1	19.631	17.2	0.0	4.7	4.7	4.7
6	17.5	28.0	21.9	78.1	19.721	17.1	0.0	0.0	0.0	4.6
7	18.0	27.5	21.1	86.2	21.871	18.9	0.7	0.0	0.7	5.2
8	15.5	28.0	22.0	75.3	19.372	17.0	0.0	16.7	16.7	6.7
9	17.5	29.0	22.5	71.3	18.540	16.1	0.0	14.2	14.2	5.3
10	18.0	29.0	22.1	75.1	19.453	16.8	0.9	62.9	63.8	4.4
11	17.0	28.5	20.9	66.9	15.939	13.4	1.6	0.0	1.6	3.3
12	15.5	30.5	23.0	71.2	19.136	16.7	0.0	9.5	9.5	7.1
13	17.0	29.0	21.7	73.6	18.350	15.9	0.0	0.0	0.0	3.4
14	16.0	30.0	22.8	73.1	19.990	17.5	0.3	20.9	21.2	7.5
15	17.5	27.5	22.2	74.1	18.989	16.3	0.0	0.0	0.0	3.1
16	18.0	30.0	22.0	73.2	18.960	16.6	0.0	0.0	0.0	5.7
17	15.0	30.0	21.5	72.9	17.514	15.2	0.4	0.0	0.4	7.9
18	15.5	31.0	23.2	67.0	17.820	15.3	0.0	0.0	0.0	10.0
19	17.0	26.0	20.4	78.8	18.686	16.1	3.8	0.0	3.8	9.2
20	16.0	31.0	22.9	66.8	17.908	15.6	0.0	0.0	0.0	6.1
21	17.0	31.0	22.9	73.4	20.111	17.5	0.0	0.0	0.0	6.0
22	14.5	29.0	23.0	74.0	19.603	17.1	0.0	0.0	0.0	6.6
23	15.5	30.0	22.7	69.0	17.730	15.2	0.0	0.0	0.0	9.3
24	16.0	30.5	23.1	62.0	16.654	14.5	0.0	0.0	0.0	7.2
25	17.5	30.0	23.8	68.4	19.353	16.8	0.0	0.2	0.2	7.1
26	17.5	29.5	23.0	72.7	19.614	17.0	0.0	0.0	0.0	3.9
27	15.5	30.5	23.7	68.1	19.084	16.7	0.0	3.0	3.0	6.8
28	18.0	31.0	23.6	68.2	18.957	16.4	0.0	0.0	0.0	7.4
29	18.5	31.5	23.8	70.8	19.770	17.2	0.0	0.0	0.0	8.1
30	18.5	31.5	23.9	62.9	17.725	15.2	0.0	5.0	5.0	8.2
PROM.	16.8	29.3	22.4	72.1	18.793	16.3	8.4	148.8	157.2	180.5

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	19.5	28.5	22.4	75.9	19.996	17.2	0.4	0.1	0.5	1.9
2	18.0	30.5	23.6	63.5	17.437	15.0	0.0	0.0	0.0	9.1
3	18.5	27.0	22.5	77.9	20.957	18.1	0.2	1.8	2.0	2.7
4	18.0	30.5	22.4	74.3	19.506	16.9	0.1	0.0	0.1	3.8
5	18.0	30.5	23.9	64.7	18.081	15.7	0.0	1.4	1.4	7.9
6	19.0	30.5	22.7	70.7	19.083	16.6	0.0	0.0	0.0	6.4
7	17.5	31.5	23.5	72.6	20.092	17.5	0.0	1.0	1.0	5.9
8	18.0	28.5	21.7	80.2	20.663	18.0	15.8	5.4	21.2	3.8
9	18.5	29.5	22.6	73.6	19.791	17.3	0.0	12.0	12.0	7.1
10	18.0	28.0	22.2	70.1	18.184	15.9	0.0	5.2	5.2	3.5
11	18.0	28.0	20.7	73.2	17.846	15.5	0.3	0.0	0.3	2.6
12	18.0	27.5	20.8	80.7	20.108	17.6	14.5	0.0	14.5	3.4
13	17.0	30.0	21.7	74.0	18.779	16.5	3.5	1.6	5.1	6.3
14	17.0	30.5	23.3	68.8	18.801	16.4	0.0	0.0	0.0	6.7
15	17.5	28.0	22.1	73.4	18.724	16.2	0.0	0.5	0.5	3.8
16	18.0	29.5	23.2	73.8	20.304	17.6	0.0	0.0	0.0	7.0
17	18.0	30.0	23.8	70.0	19.936	17.3	0.0	0.2	0.2	6.5
18	19.0	28.8	22.9	67.3	18.516	16.1	0.4	9.5	9.9	6.7
19	18.5	29.4	22.4	72.8	19.225	16.8	0.2	14.2	14.4	5.5
20	19.0	31.0	23.0	73.7	20.398	17.7	0.0	0.0	0.0	6.5
21	17.5	32.0	23.0	67.1	18.009	15.6	0.0	7.0	7.0	9.2
22	18.5	27.0	22.1	80.2	21.630	18.7	3.8	0.0	3.8	1.3
23	18.0	26.5	22.3	82.1	22.166	19.1	0.6	14.3	14.9	2.5
24	18.0	27.0	21.5	77.2	19.393	16.9	0.0	0.0	0.0	3.5
25	17.0	31.0	23.0	70.9	19.187	16.4	0.0	0.0	0.0	7.2
26	17.0	29.5	21.7	77.7	19.759	17.2	3.6	0.1	3.7	5.9
27	18.0	28.6	21.6	77.2	19.804	17.3	0.8	0.2	1.0	3.0
28	18.0	29.0	21.7	77.7	20.232	17.7	0.7	0.0	0.7	3.2
29	18.0	30.0	23.5	75.1	21.250	18.5	0.0	39.0	39.0	7.1
30	18.5	25.5	20.9	83.8	20.575	17.9	8.3	0.0	8.3	4.8
31	16.6	28.6	21.9	75.4	19.045	16.5	0.0	1.2	1.2	4.4
PROM.	18.0	29.1	22.4	74.1	19.596	17.0	53.2	114.7	167.9	159.2

ESTACION: SANTAGUEDA - LUKER

MUNICIPIO: PALESTINA

AÑO:

1.961

ALTITUD: 1.020

LATITUD: 5-05 N.

LONGITUD: 75-41 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.6	26.0	20.9	80.0	19.591	17.1	0.0	0.0	0.0	2.4
2	16.6	29.5	22.6	70.8	18.760	16.2	0.0	0.0	0.0	7.6
3	15.5	30.6	22.8	69.5	18.023	15.4	0.0	0.0	0.0	7.7
4	18.5	30.0	23.1	74.9	20.728	17.8	0.6	1.8	2.4	6.5
5	18.5	30.0	22.9	69.6	18.504	15.8	0.0	0.0	0.0	8.6
6	19.0	31.0	23.9	63.8	18.095	15.5	0.0	10.4	10.4	8.1
7	17.5	29.5	22.5	77.2	20.436	17.8	6.1	21.7	27.8	5.9
8	17.5	28.5	22.4	76.8	20.106	17.4	0.2	13.7	13.9	6.4
9	17.6	28.8	22.0	76.2	19.335	16.8	0.0	17.9	17.9	7.2
10	18.5	29.8	22.3	76.3	20.089	17.4	5.0	0.3	5.3	7.1
11	19.0	30.0	23.8	63.3	18.389	15.9	0.0	2.8	2.8	8.0
12	18.5	30.0	22.1	73.7	19.289	16.7	5.4	0.8	6.2	5.2
13	18.5	29.0	22.6	68.3	18.394	16.0	0.0	6.6	6.6	6.9
14	18.5	27.0	21.9	77.3	20.338	17.7	0.2	1.4	1.6	6.1
15	18.0	29.5	22.9	70.1	19.124	16.7	0.0	7.4	7.4	5.1
16	18.6	29.0	22.9	76.6	20.721	17.9	0.6	3.3	3.9	5.1
17	19.6	30.6	23.4	71.8	19.884	17.0	0.0	0.5	0.5	6.6
18	19.5	30.0	22.8	67.8	18.697	16.3	6.7	0.0	6.7	7.2
19	18.4	30.0	22.8	61.6	16.730	14.5	0.0	36.5	36.5	4.4
20	17.3	28.0	21.9	72.5	18.372	15.9	0.3	0.0	0.3	3.4
21	18.0	28.9	22.5	66.1	17.563	15.3	0.0	0.0	0.0	5.0
22	17.5	27.5	21.7	66.6	16.818	14.5	0.0	0.0	0.0	4.5
23	18.0	29.5	21.8	73.3	18.783	16.3	22.2	26.3	48.5	9.0
24	18.0	26.0	21.1	73.8	18.330	16.0	0.0	54.6	54.6	3.8
25	18.0	24.5	20.1	80.1	18.961	16.6	0.1	0.0	0.1	0.4
26	16.0	29.5	22.2	63.3	16.228	13.7	4.2	0.0	4.2	8.5
27	16.6	27.0	21.5	67.3	17.145	14.9	1.0	0.4	1.4	5.8
28	16.5	28.5	21.9	59.0	14.812	12.4	5.1	11.1	16.2	5.7
29	17.0	25.0	20.5	75.4	18.006	15.7	0.0	9.5	9.5	0.9
30	17.0	28.0	22.4	70.6	18.364	15.7	0.0	26.1	26.1	5.1
PROM.	17.8	28.7	22.3	71.1	18.621	16.1	57.7	253.1	310.8	174.2

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	28.0	21.9	70.1	18.126	15.7	2.3	24.5	26.8	4.3
2	17.5	28.5	22.2	68.7	17.810	15.4	0.0	0.0	0.0	6.3
3	16.5	30.0	22.5	70.1	17.896	15.3	0.0	0.0	0.0	6.6
4	18.0	30.0	22.3	65.3	16.944	14.7	0.0	0.0	0.0	6.4
5	18.0	29.5	22.4	69.6	18.295	15.8	0.7	21.4	22.1	6.1
6	18.5	29.5	22.5	68.6	18.332	16.0	0.0	0.0	0.0	5.6
7	18.0	29.5	22.9	73.3	20.011	17.2	13.8	0.0	13.8	6.1
8	17.5	29.5	22.9	76.3	20.783	18.1	0.0	6.6	6.6	4.9
9	18.0	28.5	23.1	74.3	20.595	17.8	0.0	0.0	0.0	0.0
10	18.0	26.0	22.0	78.7	20.556	17.8	0.0	1.7	1.7	0.0
11	18.5	27.5	21.7	77.2	19.879	17.3	7.9	0.0	7.9	3.4
12	17.5	28.0	22.6	67.4	17.874	15.5	0.0	0.2	0.2	7.2
13	17.5	29.0	23.4	64.4	17.738	15.2	0.0	0.0	0.0	6.6
14	18.5	30.5	23.1	62.4	17.057	14.6	0.0	0.2	0.2	6.7
15	18.0	29.5	22.2	66.2	17.478	15.2	0.3	0.0	0.3	6.0
16	17.0	30.0	22.8	62.4	16.234	13.6	0.0	0.0	0.0	8.3
17	17.0	30.5	23.4	61.7	16.974	14.7	0.0	0.0	0.0	6.9
18	19.0	30.0	23.6	62.4	17.683	15.2	0.0	0.0	0.0	6.9
19	17.0	28.5	22.0	66.6	17.073	14.7	0.0	9.4	9.4	4.9
20	18.5	30.0	22.2	70.7	18.697	16.3	0.0	10.8	10.8	3.3
21	18.5	27.0	22.2	76.1	19.999	17.4	1.3	0.1	1.4	1.0
22	18.0	25.5	22.3	73.1	19.241	16.6	0.0	1.1	1.1	0.5
23	18.0	29.5	22.6	67.1	17.906	15.5	0.0	0.0	0.0	7.1
24	17.5	30.0	23.4	63.5	17.397	15.0	0.0	0.0	0.0	7.5
25	18.5	27.0	23.0	71.9	19.859	17.1	0.0	3.6	3.6	3.8
26	18.0	29.0	22.4	71.6	18.731	16.1	0.0	0.0	0.0	4.6
27	17.0	30.0	22.9	69.6	18.318	15.7	0.0	5.8	5.8	8.1
28	17.5	30.0	23.7	66.9	18.335	15.7	0.0	0.0	0.0	7.0
29	18.5	21.0	19.8	90.4	20.791	18.1	0.8	0.0	0.8	0.0
30	16.5	27.5	22.0	63.2	15.632	13.3	0.0	29.3	29.3	6.4
31	16.8	28.5	22.3	69.9	17.799	15.3	0.0	0.0	0.0	0.0
PROM	17.8	28.6	22.5	69.7	18.388	15.9	27.1	114.7	141.8	153.1

ESTACION: **SANTAGUEDA - LUKER**MUNICIPIO **PALESTINA**AÑO: **1.981**ALTITUD: **1.020**LATITUD: **5-05 N.**LONGITUD: **75-41 W.**

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 Huvias	
ENERO	16.9	30.1	22.7	14.0	31.5	69.8	18.057	15.6	73.8	7	
FEBRERO	18.5	30.3	23.5	15.5	33.5	69.9	19.241	16.7	110.8	13	172.9
MARZO	18.3	30.2	23.4	15.5	33.3	72.5	20.093	17.4	191.6	17	179.1
ABRIL	18.0	29.0	22.8	15.5	32.5	75.5	20.352	17.6	263.9	24	106.2
MAYO	18.2	28.6	22.5	16.5	32.3	75.8	20.319	17.6	365.5	24	118.3
JUNIO	18.4	28.5	22.6	17.0	31.0	76.4	20.527	17.8	321.0	21	141.4
JULIO	17.2	29.2	22.9	14.0	31.5	71.3	19.052	16.5	178.4	15	216.7
AGOSTO	17.9	29.6	23.0	15.0	32.0	72.3	19.593	16.9	186.3	20	
SEPTIEMBRE	16.8	29.3	22.4	14.5	31.5	72.1	18.793	16.3	157.2	16	180.5
OCTUBRE	18.0	29.1	22.4	16.6	32.0	74.1	19.596	17.0	167.9	24	159.2
NOVIEMBRE	17.8	28.7	22.3	15.5	31.0	71.1	18.621	16.1	310.8	24	174.2
DICIEMBRE	17.8	28.6	22.5	16.5	30.5	69.7	18.388	15.9	141.8	17	153.1
PROMEDIO	17.8	29.3	22.8	15.5	31.9	72.5	19.386	16.8			
TOTAL	2469.0									222	

ESTACION: CENICAFE
 ALTITUD: 1.310

MUNICIPIO: CHINCHINA AÑO: 1.961
 LATITUD: 5-00 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	16.6	28.5	21.5	71.0	17.533	15.4	0.8	0.0	0.8	6.7
2	15.5	28.0	21.3	71.8	17.299	15.2	0.0	0.0	0.0	6.2
3	15.5	29.4	22.2	70.6	18.154	15.9	0.0	0.0	0.0	9.1
4	16.3	29.2	22.1	60.6	15.613	13.7	0.0	0.0	0.0	8.6
5	16.0	28.0	21.3	69.6	17.009	14.9	0.0	0.0	0.0	8.6
6	16.6	28.0	21.8	71.0	17.913	15.8	0.0	0.0	0.0	6.0
7	17.0	28.7	20.7	74.2	17.779	15.6	1.5	0.8	2.3	6.8
8	16.4	27.4	21.1	80.7	19.679	17.2	0.0	0.0	0.0	6.4
9	16.2	28.0	21.4	81.1	20.225	17.7	0.0	2.2	2.2	3.8
10	17.0	29.3	22.4	62.3	16.083	14.0	0.0	0.0	0.0	9.2
11	16.2	28.5	21.2	75.1	18.241	16.0	0.0	0.0	0.0	5.0
12	17.0	29.6	21.9	72.4	18.485	16.2	0.0	0.0	0.0	8.8
13	17.0	29.6	22.1	59.6	15.130	13.1	0.0	0.0	0.0	8.4
14	14.7	29.9	22.0	62.5	15.458	13.5	0.0	0.0	0.0	9.5
15	15.6	28.8	21.7	64.7	16.265	14.3	0.0	0.0	0.0	9.2
16	16.0	28.6	21.7	63.3	15.485	13.5	0.0	0.0	0.0	9.2
17	15.4	29.0	22.1	65.2	16.568	14.5	0.0	0.0	0.0	7.6
18	16.2	29.9	22.8	61.1	15.937	13.9	0.0	0.0	0.0	9.7
19	16.6	30.7	23.2	59.7	16.139	14.0	0.0	0.0	0.0	9.7
20	17.5	30.2	21.9	66.3	17.331	15.2	0.0	0.0	0.0	9.5
21	16.8	29.7	21.6	65.9	16.338	14.3	0.0	0.0	0.0	9.3
22	15.5	29.7	21.0	66.4	15.940	13.9	0.0	0.0	0.0	9.6
23	15.8	28.9	21.5	67.0	16.488	14.5	0.0	0.0	0.0	8.8
24	17.5	28.8	21.5	68.6	17.250	15.2	0.0	0.0	0.0	6.9
25	15.0	29.0	21.4	72.8	17.837	15.6	0.0	0.0	0.0	7.9
26	17.3	30.6	23.6	60.2	16.564	14.5	0.0	0.4	0.4	6.8
27	16.0	30.9	22.0	65.8	16.263	14.2	0.0	0.0	0.0	7.8
28	16.6	28.7	21.9	69.0	17.666	15.5	0.0	6.9	6.9	7.0
29	17.0	25.5	20.8	77.3	18.415	16.0	0.0	0.0	0.0	2.0
30	16.5	30.0	23.3	64.2	16.969	14.9	0.0	20.8	20.8	6.6
31	16.4	26.5	20.2	82.0	19.208	16.9	0.5	0.0	0.5	2.4
PROM.	16.3	29.0	21.8	68.5	17.138	15.0	2.8	31.1	33.9	233.5

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	16.6	26.5	21.0	72.8	18.119	15.9	0.0	0.0	0.0	1.1
2	17.5	28.2	21.5	72.6	18.593	16.3	0.0	0.0	0.0	4.2
3	15.8	28.5	21.7	68.8	17.129	14.9	0.1	0.0	0.1	5.2
4	15.8	27.8	20.9	74.1	18.387	16.1	0.0	0.0	0.0	4.0
5	16.0	28.0	20.3	83.4	19.910	17.4	7.1	0.0	7.1	3.3
6	15.6	29.7	22.6	72.8	19.771	17.2	0.0	0.0	0.0	9.4
7	17.5	27.5	21.5	71.2	18.177	16.0	0.0	0.0	0.0	9.4
8	17.0	29.5	20.4	72.5	17.744	15.6	0.0	0.0	0.0	3.5
9	17.9	28.9	20.6	82.2	20.299	17.7	31.8	0.0	31.8	3.7
10	15.5	29.8	22.3	73.5	19.190	16.8	0.0	0.0	0.0	4.5
11	18.3	29.6	22.3	71.3	19.820	17.2	0.0	6.2	6.2	8.6
12	16.0	24.7	20.7	84.5	20.501	17.9	0.0	0.0	0.0	5.7
13	17.6	28.4	22.2	76.2	19.879	17.4	0.0	3.3	3.3	1.6
14	17.0	25.2	20.7	83.0	20.180	17.6	0.0	0.0	0.0	4.0
15	16.3	29.0	22.5	70.8	18.685	16.4	18.9	0.2	19.1	1.7
16	17.0	29.4	22.7	70.0	18.169	16.0	0.0	0.8	0.8	7.1
17	16.5	28.6	22.7	75.1	19.955	17.5	0.0	0.0	0.0	5.4
18	18.0	29.0	23.7	73.2	20.453	17.8	0.0	0.9	0.9	4.2
19	18.0	28.7	20.6	79.0	19.408	17.0	0.0	4.0	4.0	4.5
20	15.5	28.0	20.9	76.8	18.181	15.9	1.4	0.0	1.4	3.5
21	15.6	29.9	22.3	73.4	18.582	16.3	0.0	0.0	0.0	3.2
22	18.0	28.3	22.6	79.6	21.282	18.5	0.0	6.9	6.9	6.8
23	18.0	25.4	19.4	91.3	20.623	18.0	0.0	12.7	12.7	4.8
24	16.0	28.7	21.8	72.0	17.950	15.7	4.8	0.0	4.8	2.4
25	18.0	27.0	21.6	78.5	20.031	17.5	0.1	0.0	0.1	7.3
26	17.6	31.5	23.5	62.9	17.042	14.9	0.3	0.0	0.3	2.7
27	17.7	31.6	25.1	64.4	19.171	16.8	0.0	12.3	12.3	9.0
28	17.6	31.7	23.4	70.8	19.495	17.0	0.0	20.9	20.9	7.5
PROM	16.9	28.5	21.8	74.9	19.169	16.8	65.2	68.2	133.4	135.4

ESTACION: CENICAFE
 ALTITUD: 1.310

MUNICIPIO: CHINCHINA AÑO: 1.961
 LATITUD: 5-00 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	19.5	32.3	24.7	65.6	19.339	16.9	0.0	1.3	1.3	9.7
2	19.7	29.0	22.0	76.3	20.280	17.7	11.9	0.8	12.7	3.6
3	17.0	30.5	22.8	73.0	19.283	16.9	0.0	0.0	0.0	6.6
4	18.0	29.7	23.8	70.8	19.954	17.5	0.0	6.5	6.5	6.6
5	17.0	29.8	21.4	77.4	19.491	17.1	0.0	55.4	55.4	4.0
6	16.7	26.8	21.0	80.6	19.563	17.1	0.0	0.0	0.0	1.9
7	17.2	26.3	21.6	78.3	19.590	17.2	0.0	25.9	25.9	2.0
8	17.0	25.5	20.9	83.8	20.377	17.8	0.4	6.6	7.0	1.6
9	18.3	26.7	21.5	78.9	20.414	17.8	0.5	3.9	4.4	0.9
10	18.0	24.3	20.9	82.4	20.410	17.8	3.7	0.0	3.7	0.0
11	17.6	27.8	21.7	78.9	20.620	17.9	0.0	0.0	0.0	2.9
12	16.8	27.6	20.4	78.8	19.386	16.9	2.2	0.1	2.3	2.1
13	15.7	26.4	21.5	79.3	20.351	17.6	0.1	0.6	0.7	2.8
14	18.0	26.0	19.4	88.4	20.144	17.6	8.7	4.0	12.7	1.1
15	16.0	27.3	20.6	79.6	19.291	16.9	0.0	31.3	31.3	3.9
16	16.6	29.4	21.8	80.3	20.602	18.0	0.3	0.0	0.3	7.3
17	17.2	29.7	21.8	68.4	17.622	15.5	3.5	0.0	3.5	3.7
18	16.5	28.6	21.9	72.7	18.523	16.2	0.0	0.0	0.0	3.6
19	18.0	29.7	21.9	75.6	19.941	17.4	0.0	0.2	0.2	5.5
20	17.2	30.0	22.5	67.6	17.678	15.5	0.0	0.0	0.0	8.1
21	17.0	29.5	22.4	74.6	20.087	17.5	0.0	1.2	1.2	7.6
22	17.0	27.5	21.5	79.1	20.196	17.6	0.0	6.5	6.5	4.3
23	17.6	28.2	21.5	77.0	19.341	16.9	0.1	0.0	0.1	6.2
24	17.2	29.0	22.0	68.7	18.186	16.0	0.0	0.0	0.0	5.2
25	15.0	29.8	21.6	65.9	16.058	14.0	0.0	39.3	39.3	7.0
26	16.7	26.7	20.3	79.7	18.743	16.5	0.0	0.0	0.0	3.3
27	15.1	30.0	22.3	70.1	18.275	16.1	0.0	0.0	0.0	8.5
28	17.6	29.2	22.4	64.4	17.027	15.0	0.0	0.1	0.1	4.9
29	16.0	27.0	20.6	72.6	17.531	15.4	0.0	0.0	0.0	3.3
30	16.0	30.0	21.8	69.6	17.367	15.2	0.0	0.0	0.0	5.3
31	17.4	29.1	22.8	67.8	18.154	16.0	8.2	0.0	8.2	6.8
PROM.	17.1	28.4	21.7	75.0	19.156	16.8	39.6	183.7	223.3	140.3

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	30.3	22.8	62.6	16.208	14.1	0.0	0.0	0.0	7.7
2	17.0	28.6	22.0	71.4	18.640	16.3	0.0	0.0	0.0	3.0
3	16.7	28.2	21.0	79.4	19.422	17.0	12.2	12.7	24.9	1.7
4	17.8	28.5	22.3	79.0	20.687	18.0	1.8	29.4	31.2	4.5
5	17.6	24.8	19.9	86.9	20.248	17.7	8.4	0.5	8.9	0.8
6	16.0	29.5	21.8	76.3	19.339	17.0	0.0	6.8	6.8	5.9
7	18.6	27.3	21.0	81.6	20.201	17.7	0.3	0.0	0.3	0.6
8	17.8	27.6	21.4	81.5	20.530	17.9	0.0	0.4	0.4	2.8
9	17.7	27.6	20.9	82.0	19.939	17.4	0.1	0.0	0.1	1.9
10	18.6	30.4	24.0	70.6	20.033	17.4	0.0	0.1	0.1	6.1
11	19.0	28.6	22.6	80.8	22.019	19.0	0.0	24.3	24.3	2.5
12	18.7	25.0	20.6	89.4	21.929	19.0	10.3	0.0	10.3	0.2
13	16.6	28.3	21.5	79.2	19.957	17.4	33.8	9.5	43.3	4.2
14	18.4	27.4	20.8	81.5	19.781	17.2	0.4	2.6	3.0	2.7
15	17.2	27.7	21.4	85.5	21.353	18.5	0.0	46.0	46.0	2.9
16	16.6	23.5	20.1	88.1	20.466	17.8	3.1	0.0	3.1	0.7
17	16.0	28.2	20.8	81.9	19.797	17.3	2.9	1.4	4.3	3.6
18	16.6	26.9	20.8	84.2	20.393	17.8	0.3	22.9	23.2	3.5
19	17.4	21.7	18.1	97.8	20.587	17.9	7.7	0.0	7.7	0.0
20	15.2	26.7	19.7	88.7	20.039	17.5	0.0	0.0	0.0	3.7
21	16.1	29.9	22.9	70.8	18.893	16.6	0.0	17.0	17.0	2.7
22	17.0	26.6	19.8	83.5	19.489	17.1	18.1	0.0	18.1	2.2
23	15.0	28.8	21.8	73.3	18.480	16.2	0.0	1.6	1.6	6.9
24	17.2	26.7	21.5	84.1	21.265	18.5	2.2	0.0	2.2	2.8
25	17.2	31.0	22.7	71.2	18.783	16.5	0.0	5.3	5.3	8.4
26	18.2	26.9	19.5	97.9	21.890	18.9	12.7	0.0	12.7	3.2
27	18.2	20.4	18.9	98.8	21.618	18.7	30.6	2.6	33.2	0.0
28	16.5	26.0	20.6	87.0	20.947	18.2	0.0	1.4	1.4	1.0
29	17.2	28.0	21.3	82.2	20.581	18.0	3.0	0.0	3.0	3.1
30	17.2	27.4	20.7	83.1	20.335	17.7	1.9	2.3	4.2	2.3
PROM.	17.2	27.3	21.1	82.0	20.128	17.5	149.8	186.8	336.6	98.6

ESTACION: CENICAFE

MUNICIPIO: CHINCHINA

AÑO: 1.961

ALTITUD: 1.310

LATITUD: 5-00 N.

LONGITUD: 75-36 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	26.2	19.6	88.1	20.410	17.8	16.5	1.8	18.3	2.9
2	17.0	25.5	20.5	86.8	20.642	17.9	0.2	20.2	20.4	3.1
3	16.6	26.5	20.4	84.4	19.889	17.4	0.0	0.0	0.0	4.6
4	17.0	26.4	20.6	86.8	20.996	18.3	1.8	10.2	12.0	2.9
5	16.5	26.0	20.2	85.2	20.102	17.6	0.9	9.6	10.5	3.6
6	16.0	24.6	19.2	93.3	20.396	17.8	0.3	0.0	0.3	3.0
7	15.3	27.8	20.9	79.2	19.038	16.7	0.6	5.7	6.3	5.7
8	16.0	23.6	19.1	86.5	18.939	16.7	0.6	0.3	0.9	1.6
9	15.5	25.5	20.0	81.9	18.712	16.4	0.0	0.0	0.0	2.7
10	15.0	29.0	20.2	81.4	19.022	16.7	18.7	5.1	23.8	5.0
11	16.2	26.9	20.1	86.8	20.300	17.7	12.1	0.0	12.1	4.6
12	16.5	27.3	20.7	84.3	20.402	17.8	0.0	0.0	0.0	4.7
13	16.5	30.9	22.0	81.0	20.794	18.0	0.0	42.3	42.3	6.9
14	17.2	27.2	21.1	81.2	19.920	17.4	0.8	0.0	0.8	4.3
15	16.2	28.4	21.9	75.7	19.523	17.1	0.0	25.6	25.6	5.7
16	18.2	22.3	19.3	94.0	21.205	18.4	5.2	0.0	5.2	0.1
17	15.5	25.8	21.3	84.4	20.850	18.0	0.0	4.0	4.0	2.7
18	17.6	25.4	21.4	83.9	21.156	18.4	0.0	0.0	0.0	1.2
19	16.2	29.9	21.4	75.8	18.598	16.3	0.0	0.0	0.0	7.2
20	16.0	30.9	23.0	73.8	19.781	17.3	0.0	0.1	0.1	10.3
21	19.4	26.5	22.6	88.5	24.102	20.5	0.0	0.7	0.7	0.5
22	17.7	29.5	22.8	79.1	21.180	18.3	0.0	19.3	19.3	7.3
23	18.3	25.0	21.0	86.9	21.578	18.7	1.4	15.1	16.5	0.4
24	18.0	25.6	20.3	89.7	21.447	18.6	1.1	5.6	6.7	2.3
25	18.0	26.1	20.3	85.2	20.421	17.8	10.8	3.8	14.6	1.8
26	17.0	27.4	21.3	84.4	20.942	18.2	0.0	0.0	0.0	6.8
27	17.6	25.0	20.7	97.2	23.689	20.2	0.8	104.6	105.4	0.4
28	15.4	26.5	21.1	86.7	21.351	18.5	0.1	2.8	2.9	4.8
29	17.8	25.2	20.8	84.7	20.716	18.0	0.0	18.8	18.8	0.8
30	17.3	27.0	20.6	90.4	21.721	18.8	0.0	6.9	6.9	3.1
31	17.4	27.2	21.1	83.9	20.705	18.0	3.2	0.4	3.6	2.8
PROM.	16.8	26.7	20.8	84.9	20.598	17.9	75.1	302.9	378.0	114.0

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	26.8	19.7	91.1	20.709	18.1	6.0	4.2	10.2	3.5
2	16.6	26.7	21.2	80.7	19.983	17.4	0.0	0.0	0.0	8.3
3	16.1	30.2	22.5	71.2	18.738	16.4	0.0	0.0	0.0	9.9
4	17.0	31.3	23.6	71.4	19.943	17.4	0.2	0.0	0.2	7.1
5	18.0	28.5	21.9	76.4	19.975	17.4	15.7	0.0	15.7	5.6
6	17.2	28.2	21.8	76.1	19.533	17.1	0.0	23.7	23.7	7.5
7	18.0	26.6	21.2	84.3	21.060	18.3	0.0	8.7	8.7	1.0
8	18.4	24.0	20.2	92.8	22.092	19.1	17.0	8.0	25.0	0.1
9	18.0	24.8	19.9	86.1	19.961	17.4	4.7	0.0	4.7	0.1
10	17.5	28.4	23.2	73.2	19.913	17.3	1.3	30.5	31.8	6.8
11	18.2	27.8	21.1	76.9	19.114	16.8	0.4	1.7	2.1	3.0
12	18.4	27.0	21.0	80.7	19.895	17.4	0.2	0.6	0.8	0.9
13	18.6	25.5	21.5	78.1	19.619	17.2	0.0	0.0	0.0	1.7
14	16.2	26.5	21.2	81.4	20.192	17.6	0.1	0.0	0.1	5.3
15	16.2	27.0	20.3	80.3	19.303	16.9	16.4	0.8	17.2	3.7
16	17.0	24.8	19.4	84.1	19.062	16.7	0.4	4.8	5.2	1.8
17	16.6	27.8	21.4	76.8	18.838	16.5	0.0	0.0	0.0	7.4
18	18.3	22.5	19.6	93.7	21.504	18.7	8.9	0.0	8.9	0.0
19	15.6	27.4	20.9	77.7	18.454	16.2	0.0	0.0	0.0	8.4
20	17.2	26.0	20.8	76.8	18.592	16.3	0.7	0.0	0.7	4.7
21	16.6	28.5	21.4	75.4	19.244	16.9	0.0	0.0	0.0	4.2
22	17.0	28.0	20.8	75.7	18.286	16.0	0.5	0.0	0.5	5.1
23	16.6	26.5	20.3	87.9	20.847	18.1	0.4	0.0	0.4	1.8
24	16.2	26.4	20.9	79.8	19.464	17.0	0.0	8.5	8.5	2.7
25	15.6	26.6	20.2	80.1	18.610	16.3	0.0	0.0	0.0	3.9
26	16.8	26.9	21.6	73.5	18.257	15.9	0.0	7.0	7.0	4.8
27	17.2	25.3	21.3	83.1	20.679	18.0	0.1	0.0	0.1	1.9
28	16.2	26.5	20.7	74.6	17.989	15.8	0.1	3.6	3.7	2.5
29	17.5	24.5	19.1	91.9	20.711	18.0	14.3	13.2	27.5	0.4
30	16.9	25.3	20.0	80.9	18.662	16.4	0.0	0.0	0.0	3.0
PROM	17.1	26.7	21.0	80.4	19.641	17.2	87.4	115.3	202.7	117.1

ESTACION: CENICAFE

MUNICIPIO: CHINCHINA

AÑO:

1.961

ALTITUD: 1.310

LATITUD: 5-00 N.

LONGITUD: 75-36 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.1	26.9	20.6	77.1	18.317	16.0	0.0	0.8	0.8	3.8
2	17.7	28.7	21.4	74.9	18.623	16.4	0.0	1.7	1.7	8.1
3	18.5	27.5	21.0	75.9	18.834	16.5	6.6	0.1	6.7	3.2
4	17.5	25.7	19.9	88.9	20.734	18.1	7.1	15.3	22.4	3.4
5	17.0	27.5	19.4	78.4	17.747	15.6	28.7	2.5	31.2	5.3
6	15.0	25.7	20.0	80.7	18.191	15.9	0.0	0.0	0.0	4.5
7	16.0	29.3	21.3	72.2	17.619	15.4	0.0	0.0	0.0	8.9
8	17.6	29.0	20.6	85.8	20.591	17.9	2.5	20.7	23.2	7.9
9	18.6	24.0	20.1	84.5	19.848	17.3	8.1	81.6	89.7	2.3
10	17.4	25.1	20.2	84.7	20.064	17.5	0.4	0.3	0.7	2.1
11	17.0	26.6	21.5	79.6	20.024	17.5	0.1	0.0	0.1	6.1
12	17.5	27.5	21.5	72.4	18.081	15.9	0.0	2.4	2.4	6.4
13	16.5	26.5	20.4	79.1	18.579	16.3	0.0	0.1	0.1	5.2
14	16.5	28.4	21.4	77.3	19.207	16.8	0.0	1.8	1.8	5.8
15	18.0	27.3	21.5	76.8	19.243	16.9	7.6	17.5	25.1	5.9
16	16.8	26.7	19.7	86.0	19.819	17.3	5.8	15.8	21.6	2.3
17	16.0	22.0	18.0	94.7	19.546	17.1	13.2	0.1	13.3	0.7
18	15.0	26.3	19.6	77.3	17.101	15.0	0.0	0.0	0.0	7.6
19	16.0	28.5	21.4	72.4	17.645	15.5	0.0	0.0	0.0	7.2
20	16.3	25.0	17.6	92.8	18.458	16.2	40.2	0.0	40.2	2.9
21	14.5	25.8	20.2	79.3	18.393	16.1	0.0	0.0	0.0	3.9
22	15.5	29.6	21.2	67.5	16.411	14.3	0.0	0.0	0.0	8.2
23	17.0	29.5	22.5	64.4	16.578	14.4	0.0	0.0	0.0	7.5
24	15.5	28.5	21.3	64.3	15.351	13.2	0.0	0.0	0.0	9.4
25	14.5	29.8	22.0	63.0	15.648	13.7	0.0	0.0	0.0	8.6
26	15.2	29.2	21.4	66.1	16.209	14.2	0.0	0.0	0.0	9.0
27	15.5	29.6	21.2	70.2	16.942	14.9	0.0	0.0	0.0	5.5
28	15.7	27.5	20.9	71.9	17.135	15.1	0.0	0.0	0.0	4.3
29	15.5	28.4	21.3	67.2	16.299	14.2	0.0	0.0	0.0	7.3
30	15.5	29.6	21.8	68.6	16.910	14.8	0.0	0.0	0.0	8.2
31	17.3	29.7	22.5	73.8	19.185	16.7	0.0	0.0	0.0	7.6
PROM.	16.4	27.5	20.8	76.4	18.172	15.9	120.3	160.7	281.0	179.1

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	16.3	28.2	22.4	67.1	16.795	14.7	0.0	0.0	0.0	7.1
2	16.4	28.6	22.0	68.1	17.306	15.2	0.0	1.6	1.6	4.3
3	17.5	26.6	21.5	73.3	18.070	15.8	0.1	0.0	0.1	1.7
4	17.0	29.9	23.0	67.3	17.611	15.3	0.0	0.0	0.0	7.1
5	18.4	30.4	23.4	66.5	18.369	16.1	0.0	2.6	2.6	8.4
6	18.3	30.8	22.6	74.0	19.509	17.0	0.0	0.1	0.1	5.7
7	18.5	26.8	21.0	81.4	20.223	17.7	2.9	0.0	2.9	2.9
8	17.0	28.8	22.1	70.1	18.095	15.9	0.0	4.3	4.3	5.9
9	17.8	27.5	20.8	79.0	19.156	16.8	0.3	0.0	0.3	4.0
10	15.4	30.6	21.7	65.2	15.921	13.9	0.0	0.0	0.0	7.3
11	17.0	28.6	20.7	75.4	18.209	15.9	18.3	7.6	25.9	4.2
12	18.0	24.0	20.5	83.9	20.055	17.5	4.2	18.1	22.3	0.6
13	17.3	25.6	20.4	82.9	19.800	17.3	0.0	0.0	0.0	3.8
14	17.2	27.1	21.1	75.4	18.273	16.1	0.0	0.0	0.0	4.4
15	15.3	29.3	21.8	68.6	17.126	15.1	0.0	0.0	0.0	9.1
16	17.0	27.4	22.9	69.0	18.615	16.3	0.0	14.6	14.6	7.5
17	17.0	25.2	20.6	81.9	19.664	17.2	0.0	0.0	0.0	3.7
18	16.9	27.4	21.3	73.8	18.256	16.0	0.2	0.5	0.7	4.5
19	17.4	28.3	21.5	72.4	17.948	15.7	0.0	0.0	0.0	6.9
20	15.5	28.6	22.5	64.7	17.383	15.3	0.0	3.9	3.9	7.5
21	16.1	26.6	19.9	85.3	19.552	17.1	3.0	13.6	16.6	5.0
22	17.0	26.5	20.8	79.2	18.936	16.5	0.7	0.9	1.6	5.6
23	17.0	24.4	19.1	76.2	16.639	14.4	0.3	0.0	0.3	0.9
24	15.2	27.8	19.6	75.9	16.483	14.3	5.7	11.5	17.2	5.7
25	16.5	26.8	20.2	83.1	19.281	16.9	1.1	0.0	1.1	4.0
26	17.5	27.0	21.0	74.5	17.562	15.7	0.0	0.0	0.0	5.1
27	17.0	28.8	22.6	68.3	17.661	15.5	0.0	0.0	0.0	7.3
28	16.5	29.5	22.0	60.5	14.910	12.6	0.7	0.1	0.8	8.4
29	17.6	28.6	20.1	78.6	18.199	15.9	4.0	0.4	4.4	7.0
30	16.8	24.5	20.0	82.6	18.994	16.7	0.6	0.1	0.7	1.4
31	16.5	25.6	21.1	73.9	17.875	15.7	0.0	36.0	36.0	2.1
PROM	16.9	27.6	21.3	74.1	18.157	15.9	42.1	115.9	158.0	159.1

ESTACION: CENICAFE

MUNICIPIO: CHINCHINA

AÑO: 1.981

ALTITUD: 1.310

LATITUD: 5-00 N.

LONGITUD: 75-36 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.7	24.2	18.8	81.5	17.551	15.4	1.1	5.1	6.2	0.2
2	15.5	26.7	19.7	79.4	17.727	15.6	0.0	0.0	0.0	4.1
3	14.5	26.3	20.3	79.6	18.848	16.5	3.8	6.1	9.9	5.6
4	17.0	26.0	20.1	80.8	18.719	16.4	2.0	0.6	2.6	5.2
5	16.2	25.3	19.7	85.8	19.585	17.1	1.1	18.6	19.7	4.2
6	16.7	26.7	20.4	80.2	18.820	16.5	0.0	0.0	0.0	4.8
7	15.4	25.7	18.0	87.5	17.762	15.6	10.6	0.0	10.6	3.1
8	14.9	25.7	19.5	82.9	18.840	16.5	0.9	3.0	3.9	4.0
9	16.6	26.9	21.1	72.8	17.384	15.1	0.0	1.8	1.8	7.7
10	16.9	26.4	20.7	78.8	18.745	16.4	1.3	43.4	44.7	6.2
11	15.8	26.1	19.8	80.7	18.199	16.0	2.3	0.0	2.3	3.6
12	14.5	26.7	20.1	77.2	17.811	15.6	0.1	0.6	0.7	6.4
13	16.5	26.4	21.1	79.1	19.271	16.9	0.0	0.0	0.0	4.7
14	15.0	28.3	20.0	77.1	17.667	15.5	5.7	4.2	9.9	5.8
15	15.9	25.6	20.4	77.6	18.094	15.9	0.2	0.0	0.2	4.3
16	16.7	27.4	20.2	73.7	17.280	15.2	0.5	0.0	0.5	4.6
17	14.8	27.5	20.3	73.0	16.739	14.7	2.5	0.0	2.5	6.0
18	15.4	29.4	22.2	64.9	15.994	14.0	0.0	0.0	0.0	9.2
19	17.2	24.5	19.1	90.3	19.921	17.4	2.5	0.0	2.5	1.1
20	15.5	29.2	21.3	72.8	17.719	15.6	0.0	3.6	3.6	8.2
21	16.0	27.3	20.5	76.6	18.190	16.0	0.0	0.0	0.0	4.1
22	14.5	27.0	21.0	73.1	17.530	15.4	0.0	0.0	0.0	5.1
23	15.0	29.4	22.2	61.0	15.255	13.1	0.0	0.0	0.0	7.7
24	15.5	29.0	22.0	62.3	15.814	13.8	0.0	0.0	0.0	7.6
25	17.0	28.8	21.7	72.3	18.363	16.1	0.0	0.2	0.2	6.2
26	16.8	27.5	21.1	74.3	18.230	16.0	0.0	0.1	0.1	2.8
27	16.2	28.2	21.3	67.8	16.889	14.9	0.0	18.2	18.2	6.7
28	16.4	30.0	21.5	71.1	17.360	15.2	0.0	0.3	0.3	8.5
29	16.5	29.0	21.1	78.2	19.024	16.7	0.1	0.1	0.2	6.3
30	17.5	28.6	22.1	70.5	18.082	15.7	0.0	13.6	13.6	6.3
PROM.	15.9	27.2	20.6	76.1	17.914	15.7	34.7	119.5	154.2	158.3

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	26.8	21.1	82.1	20.320	17.7	0.3	0.0	0.3	2.0
2	17.0	29.1	22.9	63.2	16.892	14.8	0.0	0.0	0.0	7.4
3	18.0	26.2	20.7	78.3	19.160	16.8	0.0	2.8	2.8	2.3
4	16.5	27.8	20.3	75.1	17.748	15.6	0.2	0.0	0.2	4.4
5	14.7	29.0	21.6	70.3	17.500	15.4	0.0	13.1	13.1	8.0
6	17.5	28.8	20.3	78.8	18.722	16.4	0.8	0.0	0.8	4.9
7	17.5	28.9	21.8	71.9	17.999	15.7	0.0	49.5	49.5	6.5
8	16.4	26.3	20.3	78.7	18.279	15.9	0.8	5.7	6.5	4.1
9	17.2	25.8	20.1	84.8	19.900	17.4	1.7	8.4	10.1	3.4
10	17.0	24.7	19.7	85.1	19.406	17.0	2.0	5.2	7.2	1.0
11	15.8	26.0	20.1	78.9	18.028	15.8	0.0	0.0	0.0	3.2
12	16.6	24.7	19.4	80.1	18.228	16.0	7.4	0.0	7.4	1.1
13	16.0	29.7	19.6	76.0	16.970	14.8	13.2	0.4	13.6	6.6
14	15.5	27.9	21.0	70.1	17.042	15.0	0.0	12.3	12.3	6.7
15	16.2	25.6	20.0	79.5	18.278	16.0	0.1	0.2	0.3	1.5
16	17.0	25.9	21.0	73.6	17.928	15.8	0.2	0.0	0.2	2.2
17	16.8	28.7	22.5	68.5	18.141	15.9	0.0	13.8	13.8	5.9
18	18.0	27.0	20.6	82.3	20.133	17.6	0.0	3.5	3.5	4.2
19	17.2	26.3	20.9	78.9	19.021	16.6	0.1	8.0	8.1	5.0
20	17.5	29.2	21.6	70.4	17.829	15.7	0.0	0.0	0.0	6.0
21	16.6	28.7	21.6	70.1	17.625	15.5	0.2	8.0	8.2	7.5
22	17.7	24.3	19.9	86.6	20.196	17.7	1.7	0.0	1.7	1.4
23	16.2	23.9	20.2	83.5	19.637	17.2	1.3	8.1	9.4	1.1
24	16.0	25.6	19.2	86.7	19.329	16.9	1.2	0.0	1.2	2.6
25	15.0	27.8	19.9	75.7	17.329	15.2	9.7	0.0	9.7	7.1
26	15.0	27.4	19.7	82.3	18.678	16.4	3.8	0.7	4.5	3.5
27	15.3	24.8	19.5	77.6	17.657	15.5	3.2	0.0	3.2	1.8
28	17.0	25.1	19.3	85.3	19.247	16.9	0.8	0.1	0.9	2.8
29	16.7	27.6	21.4	75.0	18.397	16.1	0.0	28.5	28.5	7.5
30	17.0	22.4	19.4	83.9	18.670	16.3	11.5	0.0	11.5	0.0
31	14.6	26.8	20.2	73.2	16.941	14.9	0.6	2.0	2.6	2.4
PROM	16.6	26.7	20.5	77.6	18.427	16.1	60.8	170.3	231.1	124.3

ESTACION: CENICAFE

MUNICIPIO: CHINCHINA

AÑO:

1.981

ALTITUD: 1.510

LATITUD: 5-00 N.

LONGITUD: 75-36 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	24.2	19.2	86.9	19.287	16.9	0.0	0.0	0.0	1.5
2	14.4	27.2	20.0	75.7	17.165	15.1	0.0	0.0	0.0	6.6
3	15.5	29.4	21.4	69.0	17.004	14.9	0.0	5.9	5.9	8.5
4	17.0	27.5	20.6	77.8	18.326	16.0	0.2	0.6	0.8	5.2
5	17.0	28.0	21.4	72.7	17.917	15.6	0.0	0.0	0.0	7.8
6	17.0	28.5	22.0	71.7	18.281	15.9	1.4	0.4	1.8	7.5
7	16.2	27.0	21.4	82.0	20.460	17.8	0.2	12.2	12.4	4.8
8	17.3	27.6	20.2	85.6	20.257	17.7	5.2	8.3	13.5	5.1
9	15.5	26.7	20.9	80.4	19.381	17.0	0.0	0.0	0.0	6.7
10	16.8	27.4	20.8	82.2	19.966	17.5	0.4	0.0	0.4	4.7
11	17.8	29.5	21.4	80.9	20.397	17.8	0.3	7.8	8.1	7.2
12	16.6	27.9	20.1	84.1	19.885	17.4	0.7	2.3	3.0	5.7
13	17.0	27.7	21.1	83.2	20.470	17.8	0.1	46.7	46.8	4.0
14	18.0	25.5	19.5	88.1	20.175	17.6	13.7	0.0	13.7	0.7
15	16.5	27.0	21.5	80.8	20.157	17.6	0.0	3.3	3.3	3.2
16	18.2	26.9	20.8	85.3	20.841	18.1	1.3	0.0	1.3	4.7
17	17.1	28.6	22.0	74.8	19.373	16.9	0.0	0.0	0.0	8.7
18	17.3	28.0	20.7	80.0	19.995	17.5	0.5	0.0	0.5	4.6
19	15.5	28.0	21.5	80.1	20.147	17.6	0.0	45.0	45.0	7.0
20	16.7	26.8	20.0	89.0	20.874	18.2	0.0	0.0	0.0	3.6
21	16.3	26.0	19.7	84.0	19.457	17.0	3.9	0.0	3.9	1.5
22	16.2	26.5	20.6	81.4	19.413	17.0	0.0	0.0	0.0	5.1
23	16.9	28.6	20.9	83.0	20.445	17.8	13.7	22.7	36.4	7.9
24	17.0	26.1	20.8	82.0	19.952	17.5	0.0	0.1	0.1	4.1
25	17.0	23.8	19.8	92.9	21.431	18.6	0.0	0.0	0.0	0.8
26	16.0	29.6	21.2	76.9	18.561	16.3	0.0	0.0	0.0	7.2
27	16.8	25.7	19.8	88.1	20.631	18.0	2.0	2.5	4.5	3.4
28	15.6	27.5	20.5	82.9	19.636	17.2	0.5	55.2	55.7	5.9
29	16.8	24.2	19.6	90.4	20.631	18.0	3.4	4.8	8.2	0.8
30	16.2	27.8	20.9	82.3	19.810	17.3	0.0	0.0	0.0	6.2
PROM.	16.6	27.2	20.7	81.8	19.678	17.2	47.5	217.8	265.3	150.7

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	18.0	27.4	21.5	83.6	20.981	18.3	0.0	8.4	8.4	4.5
2	17.7	26.8	21.4	81.3	20.388	17.8	0.0	0.0	0.0	3.6
3	16.5	28.8	21.8	78.1	19.628	17.1	0.0	0.0	0.0	7.9
4	17.0	29.0	21.6	78.9	20.062	17.5	0.0	0.0	0.0	5.8
5	17.8	27.2	20.8	82.7	20.475	17.9	2.2	15.5	17.7	4.4
6	16.3	26.2	20.2	83.6	19.470	17.0	0.0	0.0	0.0	3.7
7	17.2	27.3	21.5	83.0	20.972	18.2	0.0	0.2	0.2	5.5
8	17.2	27.9	22.1	75.4	19.376	17.0	0.0	1.9	1.9	4.7
9	17.6	25.5	20.5	88.7	21.663	18.8	15.1	0.0	15.1	1.7
10	16.5	23.5	20.3	90.4	21.549	18.7	0.0	0.0	0.0	0.0
11	16.5	27.2	20.1	81.7	19.160	16.8	9.5	0.0	9.5	3.9
12	15.2	29.3	22.1	79.6	20.511	17.8	0.1	0.1	0.2	9.4
13	17.6	27.7	22.0	79.9	20.902	18.2	0.0	0.5	0.5	5.9
14	17.9	28.6	21.6	79.1	19.978	17.4	0.0	10.5	10.5	5.1
15	17.7	27.8	21.8	83.4	21.553	18.6	0.0	0.0	0.0	5.4
16	16.5	29.3	21.7	74.6	18.569	16.3	0.0	0.0	0.0	8.4
17	17.7	28.8	22.3	75.8	20.165	17.6	0.0	0.0	0.0	8.0
18	17.0	27.5	20.8	81.6	20.267	17.7	18.8	0.1	18.9	4.5
19	15.0	26.9	20.8	82.6	20.074	17.5	0.0	0.0	0.0	2.6
20	16.8	27.1	21.0	82.6	20.328	17.7	0.0	19.2	19.2	3.0
21	17.2	24.8	20.0	89.0	21.118	18.4	11.2	0.3	11.5	0.8
22	16.8	25.7	20.9	82.3	19.921	17.4	0.0	0.0	0.0	1.6
23	17.8	27.7	21.9	82.6	21.365	18.5	0.1	0.0	0.1	7.0
24	17.4	29.9	22.6	74.2	19.978	17.5	0.0	1.6	1.6	8.2
25	17.0	26.4	20.8	89.9	22.233	19.1	2.4	0.4	2.8	1.8
26	17.0	28.5	21.6	81.4	20.604	18.0	0.0	0.0	0.0	5.3
27	16.6	27.8	21.6	80.5	20.470	17.8	3.0	0.0	3.0	5.5
28	17.0	30.8	22.6	76.0	20.256	17.6	0.0	0.0	0.0	7.8
29	18.5	20.8	19.1	97.9	21.609	18.8	0.4	0.0	0.4	0.0
30	15.6	27.3	20.3	82.5	19.202	16.8	0.1	20.4	20.5	6.8
31	15.3	27.3	20.7	79.8	18.896	16.6	0.0	1.1	1.1	6.9
PROM.	17.0	27.3	21.2	82.0	20.378	17.8	62.9	80.2	143.1	149.7

ESTACION: CENICAFE

MUNICIPIO CHINCHINA

AÑO: 1.981

ALTITUD: 1.310

LATITUD: 5-00 N.

LONGITUD: 75-36 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.3	29.0	21.8	14.7	30.9	68.5	17.138	15.0	33.9	7	233.5
FEBRERO	16.9	28.5	21.8	15.5	31.7	74.9	19.169	16.8	133.4	17	135.4
MARZO	17.1	28.4	21.7	15.0	32.3	75.0	19.156	16.8	223.3	21	140.3
ABRIL	17.2	27.3	21.1	15.0	31.0	82.0	20.128	17.5	336.6	27	98.6
MAYO	16.8	26.7	20.8	15.0	30.9	84.9	20.598	17.9	378.0	25	114.0
JUNIO	17.1	26.7	21.0	15.6	31.3	80.4	19.641	17.2	202.7	22	117.1
JULIO	16.4	27.5	20.8	14.5	29.8	76.4	18.172	15.9	281.0	16	179.1
AGOSTO	16.9	27.6	21.3	15.2	30.8	74.1	18.157	15.9	158.0	21	159.1
SEPTIEMBRE	15.9	27.2	20.6	14.5	30.0	76.1	17.914	15.7	154.2	22	158.3
OCTUBRE	16.6	26.7	20.5	14.6	29.7	77.6	18.427	16.1	231.1	28	124.3
NOVIEMBRE	16.6	27.2	20.7	14.4	29.6	81.8	19.678	17.2	265.3	20	150.7
DICIEMBRE	17.0	27.3	21.2	15.0	30.8	82.0	20.378	17.8	143.1	19	149.7
PROMEDIO	16.7	27.5	21.1	14.9	30.7	77.8	19.046	16.7			
TOTAL									2540.6	245	1760.1

ESTACION: NARANJAL

MUNICIPIO: CHINCHINA AÑO: 1.961

ALTITUD: 1.400

LATITUD: 4-58 N. LONGITUD: 75-42 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	26.5	21.3	78.8	19.466	17.1	0.0	0.0	0.0	7.6
2	16.0	27.5	21.2	76.0	18.593	16.3	0.0	0.0	0.0	7.3
3	16.6	28.5	21.6	76.4	19.351	16.9	0.0	0.0	0.0	9.6
4	17.8	28.3	21.7	59.0	15.710	13.3	0.0	1.8	1.8	7.3
5	18.0	27.4	22.2	78.8	20.831	18.1	0.0	0.0	0.0	8.7
6	17.2	27.5	20.7	76.8	18.676	16.4	0.0	0.0	0.0	5.7
7	17.3	29.0	21.3	81.3	20.627	17.9	1.4	0.2	1.6	6.9
8	17.5	27.7	21.9	80.6	20.613	17.9	0.0	0.0	0.0	7.0
9	18.0	27.4	21.3	84.1	21.122	18.3	0.0	36.2	36.2	3.7
10	17.6	28.6	21.9	76.3	19.590	17.1	0.0	0.0	0.0	8.2
11	17.0	27.8	20.5	82.2	19.851	17.4	0.0	0.0	0.0	4.6
12	18.5	29.0	21.4	81.4	20.704	18.0	0.0	1.6	1.6	8.5
13	17.2	28.8	21.5	72.4	18.176	15.9	0.0	0.0	0.0	9.9
14	15.5	28.8	20.9	73.1	17.747	15.6	0.0	0.0	0.0	10.3
15	15.7	28.7	21.0	77.1	18.840	16.5	0.0	0.0	0.0	9.0
16	16.0	28.5	20.7	77.3	18.327	16.1	0.0	0.0	0.0	8.2
17	16.9	27.3	22.2	70.4	18.019	15.9	0.0	0.0	0.0	6.9
18	17.8	29.3	22.0	73.4	19.149	16.8	0.0	0.0	0.0	10.3
19	16.5	29.8	21.8	74.5	19.080	16.7	0.0	0.8	0.8	10.3
20	16.6	29.5	22.1	76.0	19.698	17.2	0.0	0.0	0.0	10.3
21	16.5	28.8	21.5	73.9	18.563	16.3	0.0	0.0	0.0	9.7
22	15.0	28.5	20.9	76.3	18.373	16.2	0.0	0.0	0.0	10.0
23	15.6	28.7	21.1	71.7	17.733	15.6	0.0	0.2	0.2	9.0
24	17.8	27.7	21.7	77.6	19.896	17.4	0.0	0.0	0.0	6.8
25	14.5	28.5	21.3	78.2	19.248	16.9	0.0	0.0	0.0	8.0
26	17.2	29.5	23.2	73.1	19.782	17.3	0.0	1.0	1.0	7.3
27	15.7	29.6	22.1	74.5	19.268	16.9	0.0	0.0	0.0	9.0
28	16.8	27.3	21.7	80.4	20.657	18.0	0.0	21.3	21.3	6.7
29	17.7	25.6	21.4	83.8	21.086	18.3	0.0	0.0	0.0	2.2
30	16.6	29.6	22.7	76.8	20.254	17.7	0.0	44.6	44.6	7.2
31	17.7	25.5	20.2	94.5	22.590	19.4	3.3	0.0	3.3	1.9
PROM.	16.8	28.2	21.5	77.0	19.407	16.9	4.7	107.7	112.4	237.9

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	16.5	27.6	21.1	80.9	19.804	17.3	0.0	0.0	0.0	1.6
2	17.3	28.0	21.9	77.1	19.874	17.4	0.0	0.0	0.0	4.8
3	16.6	27.9	22.0	75.0	19.378	16.9	0.0	0.0	0.0	6.2
4	17.6	26.7	21.3	80.2	19.956	17.4	0.1	0.0	0.1	4.7
5	17.6	26.3	20.5	84.7	20.760	18.1	0.3	0.0	0.3	3.3
6	16.5	28.7	22.2	75.8	19.446	17.0	0.0	0.0	0.0	9.4
7	18.0	27.3	21.1	82.6	20.662	18.0	33.0	0.0	33.0	4.6
8	17.7	28.7	22.5	79.4	21.026	18.3	0.0	6.6	6.6	7.4
9	18.0	28.3	21.0	81.7	20.567	17.9	3.0	0.0	3.0	4.6
10	15.6	28.8	21.7	78.9	19.802	17.3	0.0	0.1	0.1	8.8
11	17.8	29.5	22.7	77.5	21.110	18.4	0.0	12.8	12.8	5.8
12	17.0	25.2	20.7	86.8	20.917	18.2	0.0	0.2	0.2	1.1
13	18.6	27.3	21.7	82.5	21.063	18.3	0.0	4.5	4.5	4.6
14	18.0	26.5	20.8	83.4	20.542	17.9	27.2	0.0	27.2	2.7
15	18.6	28.8	22.3	77.3	20.555	17.9	0.0	0.2	0.2	6.0
16	18.3	28.8	22.3	74.9	19.808	17.4	0.0	0.1	0.1	5.6
17	17.8	28.6	23.2	72.4	20.013	17.5	0.0	1.0	1.0	5.7
18	19.0	28.7	23.2	79.6	22.170	19.1	0.0	4.4	4.4	4.9
19	18.3	28.0	20.7	82.8	20.597	17.9	3.0	0.0	3.0	4.3
20	15.0	27.9	20.2	79.7	18.648	16.4	0.0	0.0	0.0	4.0
21	15.4	28.8	22.8	73.7	19.556	17.1	0.0	0.4	0.4	6.7
22	18.6	28.5	22.1	82.9	21.841	18.9	0.0	40.5	40.5	3.6
23	18.7	24.9	20.0	95.0	22.428	19.3	5.8	0.0	5.8	4.9
24	17.7	28.8	21.7	80.4	20.344	17.8	0.0	0.0	0.0	6.8
25	18.5	27.0	21.3	84.0	21.279	18.5	3.5	0.0	3.5	6.6
26	18.2	30.6	23.1	73.4	20.229	17.7	0.0	0.0	0.0	8.9
27	20.0	30.3	24.5	75.5	22.496	19.3	0.0	7.6	7.6	6.7
28	18.2	30.6	23.3	73.1	20.265	17.7	0.0	3.7	3.7	2.5
PROM.	17.7	28.1	21.9	79.7	20.541	17.9	75.9	82.1	158.0	146.8

ESTACION: NARANJAL

MUNICIPIO: CHINCHINA

AÑO: 1.981

ALTITUD: 1.400

LATITUD: 4-58 N.

LONGITUD: 75-42 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.3	30.8	24.0	74.0	21.667	18.8	0.0	0.0	0.0	9.4
2	20.6	29.3	22.9	79.2	22.453	19.3	2.7	0.0	2.7	4.4
3	17.0	28.3	22.2	76.0	20.010	17.5	0.0	0.0	0.0	7.9
4	17.2	28.0	23.3	73.6	20.471	17.9	0.0	4.8	4.8	7.4
5	17.5	27.3	20.2	82.8	19.902	17.4	23.1	42.6	65.7	4.0
6	15.6	24.5	19.7	88.1	20.099	17.6	0.0	0.0	0.0	0.7
7	17.0	25.5	21.1	82.4	20.450	17.9	0.0	75.0	75.0	2.3
8	17.0	25.0	20.4	89.1	21.360	18.5	0.9	3.6	4.5	2.3
9	17.8	26.3	21.0	84.0	20.835	18.2	0.0	19.0	19.0	0.6
10	18.0	24.0	20.5	85.8	20.696	18.1	0.2	0.0	0.2	0.3
11	17.8	27.3	22.1	79.3	20.862	18.2	0.0	0.0	0.0	3.9
12	17.5	25.2	20.7	85.4	20.990	18.3	1.0	0.0	1.0	1.4
13	15.6	26.0	20.9	82.8	20.353	17.8	0.0	0.0	0.0	2.2
14	18.3	24.3	19.7	89.1	20.602	18.0	1.5	4.2	5.7	1.6
15	16.0	26.3	20.8	89.7	21.897	18.9	0.0	22.2	22.2	2.3
16	16.0	27.2	21.2	79.7	19.522	17.1	0.0	0.0	0.0	6.7
17	17.5	28.0	21.9	77.9	20.562	18.0	3.7	0.0	3.7	3.7
18	16.0	27.3	21.1	76.5	19.119	16.8	0.0	0.0	0.0	2.9
19	17.8	28.5	21.9	78.2	20.399	17.8	0.0	0.0	0.0	6.9
20	17.0	28.6	21.0	78.9	19.233	16.8	5.9	0.4	6.3	8.6
21	17.5	28.2	21.3	76.9	19.173	16.8	0.0	2.6	2.6	8.0
22	17.0	26.0	20.6	83.4	20.149	17.6	1.0	1.3	2.3	3.4
23	17.6	27.0	21.4	77.1	19.246	16.9	0.0	0.0	0.0	3.6
24	16.8	27.5	21.5	76.0	19.036	16.7	0.0	0.0	0.0	5.4
25	15.9	28.0	21.1	74.4	17.934	15.8	0.0	48.6	48.6	7.6
26	16.5	25.4	20.2	82.9	19.624	17.2	0.0	0.0	0.0	3.2
27	15.7	28.7	21.6	74.6	18.694	16.4	0.0	0.0	0.0	7.5
28	17.0	27.4	21.3	78.3	19.686	17.3	0.0	1.2	1.2	3.8
29	16.5	27.0	19.7	82.3	18.948	16.7	0.5	0.0	0.5	5.1
30	16.2	28.6	21.3	76.1	18.882	16.6	0.0	0.0	0.0	6.6
31	17.5	28.3	22.3	76.7	20.215	17.7	0.0	0.0	0.0	6.6
PROM.	17.1	27.1	21.3	80.4	20.099	17.6	40.5	225.5	266.0	140.3

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.3	28.7	22.1	76.7	19.772	17.3	0.0	0.0	0.0	6.7
2	17.0	27.5	22.1	70.0	18.653	16.4	0.0	0.0	0.0	0.6
3	17.3	27.3	21.0	80.3	20.072	17.6	10.4	8.8	19.2	0.7
4	17.8	28.2	21.3	84.7	21.457	18.6	0.5	7.0	7.5	6.1
5	17.7	24.0	19.4	87.0	19.856	17.4	6.0	0.4	6.4	0.3
6	16.5	27.5	21.7	76.7	19.133	16.8	0.0	0.0	0.0	6.7
7	18.0	26.3	21.0	84.1	20.729	18.0	0.6	5.5	6.1	1.7
8	18.0	26.0	20.9	83.0	20.563	17.9	0.9	0.6	1.5	1.7
9	17.3	25.5	20.3	84.1	20.034	17.5	0.0	0.0	0.0	2.0
10	18.7	29.5	23.9	67.0	19.418	17.0	0.0	0.1	0.1	6.6
11	18.7	27.0	22.1	80.9	21.363	18.6	0.0	6.0	6.0	0.7
12	18.0	24.0	19.8	90.7	21.579	18.7	40.2	0.0	40.2	0.2
13	16.5	27.7	20.9	83.1	20.731	18.0	7.9	0.3	8.2	3.5
14	18.0	27.0	20.8	82.4	20.381	17.8	0.8	0.2	1.0	2.9
15	17.3	26.0	20.2	87.3	20.598	18.0	0.2	11.0	11.2	3.1
16	16.4	23.7	19.9	85.8	19.795	17.3	5.0	0.0	5.0	0.7
17	16.0	27.5	20.5	82.5	19.877	17.4	10.7	1.7	12.4	2.7
18	16.5	26.5	20.5	85.1	20.440	17.8	1.1	43.1	44.2	2.8
19	16.5	19.4	17.7	94.7	19.367	17.0	7.4	0.0	7.4	0.0
20	14.9	25.7	19.2	87.2	19.316	16.9	0.0	0.0	0.0	4.2
21	15.7	28.0	22.3	75.0	19.768	17.3	0.1	48.1	48.2	10.2
22	16.4	26.2	19.4	84.3	19.282	16.9	4.1	0.1	4.2	3.1
23	16.0	27.3	21.2	75.5	19.168	16.8	0.0	1.1	1.1	8.2
24	17.4	25.0	20.8	85.8	21.189	18.4	0.1	0.0	0.1	2.7
25	16.8	29.0	22.3	76.7	20.137	17.6	0.0	28.8	28.8	10.2
26	18.0	25.7	19.6	93.3	21.062	18.3	1.7	0.0	1.7	3.4
27	18.0	20.7	18.6	97.1	21.019	18.3	38.9	3.8	42.7	0.0
28	17.0	25.6	20.1	85.2	19.512	17.4	0.0	16.1	16.1	1.6
29	17.5	27.0	20.5	83.0	20.037	17.5	10.7	0.0	10.7	3.7
30	17.2	26.3	20.5	83.3	20.645	18.0	12.8	12.8	25.6	2.9
PROM	17.1	26.2	20.7	83.1	20.178	17.6	160.1	195.5	355.6	99.9

ESTACION: NARANJAL
 ALTITUD: 1.400

MUNICIPIO: CHINCHINA
 LATITUD: 4-58 N.

AÑO: 1.961
 LONGITUD: 75-42 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	23.8	19.3	88.4	19.975	17.5	1.8	0.0	1.8	1.0
2	16.4	24.5	19.8	90.6	20.721	18.1	0.0	32.0	32.0	4.5
3	16.5	25.6	20.0	84.6	19.575	17.2	0.0	0.0	0.0	3.8
4	17.4	27.0	19.2	86.7	19.719	17.3	10.3	21.6	31.9	3.2
5	17.0	24.3	20.6	85.8	20.678	18.0	0.6	9.7	10.3	3.9
6	16.5	22.7	18.5	88.0	18.695	16.4	0.5	0.0	0.5	3.0
7	15.8	27.3	20.9	76.1	18.800	16.5	0.0	13.9	13.9	6.7
8	15.5	21.6	18.4	87.0	18.335	16.1	0.9	0.2	1.1	2.3
9	15.5	24.5	19.2	84.7	18.710	16.5	0.0	0.0	0.0	2.7
10	15.6	27.3	19.4	84.6	19.373	17.0	30.3	6.8	37.1	5.4
11	15.7	25.0	20.1	83.1	19.362	17.0	6.4	0.0	6.4	4.9
12	15.6	24.8	19.9	84.3	19.471	17.1	1.3	0.0	1.3	6.8
13	16.2	28.3	21.3	75.0	18.465	16.3	0.0	69.4	69.4	3.9
14	16.5	25.5	20.4	82.9	19.647	17.2	1.1	0.0	1.1	3.5
15	16.5	27.8	21.3	80.4	20.297	17.7	0.5	40.9	41.4	5.1
16	17.5	21.6	18.5	94.9	20.487	17.9	2.9	0.0	2.9	0.0
17	15.1	27.7	20.7	81.6	19.905	17.4	0.8	1.4	2.2	3.6
18	17.5	24.3	20.1	89.1	20.956	18.3	0.0	0.0	0.0	0.4
19	16.4	28.6	22.4	77.5	20.480	17.8	0.0	0.0	0.0	7.7
20	15.2	29.3	22.8	75.1	20.345	17.8	0.0	0.0	0.0	10.7
21	18.5	26.0	22.1	84.1	22.286	19.2	0.0	0.7	0.7	0.0
22	17.2	28.3	22.5	72.2	19.309	17.0	0.0	6.3	6.3	6.7
23	17.6	24.0	20.0	92.7	21.919	18.9	2.6	3.1	5.7	0.1
24	17.3	23.5	20.2	88.0	20.728	18.1	0.2	15.1	15.3	0.8
25	17.5	25.3	20.5	88.6	21.374	18.5	3.7	1.6	5.3	2.8
26	17.3	26.2	20.9	85.1	20.877	18.2	0.0	0.0	0.0	4.4
27	18.5	24.5	20.5	89.8	21.615	18.7	0.1	14.9	15.0	0.9
28	16.6	26.7	20.4	92.9	22.460	19.3	0.4	2.8	3.2	5.0
29	17.5	26.3	19.8	84.9	19.951	17.5	0.8	23.5	24.3	3.3
30	17.0	25.2	19.9	87.7	20.409	17.8	1.6	13.9	15.5	2.0
31	17.0	25.0	20.3	84.7	20.086	17.6	6.1	1.7	7.8	2.5
PROM.	16.7	25.6	20.3	84.9	20.162	17.6	72.9	279.5	352.4	111.6

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	26.0	20.5	86.7	21.294	18.5	14.7	6.3	21.0	5.1
2	16.3	26.5	20.8	84.7	20.561	17.9	0.0	0.0	0.0	2.6
3	15.7	28.5	22.4	73.4	19.155	16.8	0.0	0.0	0.0	8.6
4	16.3	28.5	22.2	75.1	19.693	17.2	0.0	0.0	0.0	6.5
5	18.0	27.7	21.6	81.8	21.255	18.5	0.0	49.7	49.7	2.5
6	17.0	27.0	21.2	76.1	19.073	16.7	0.1	47.3	47.4	6.2
7	17.5	24.1	20.6	85.9	20.910	18.2	0.0	5.4	5.4	0.0
8	17.3	23.0	18.7	92.4	20.367	17.8	16.5	29.4	45.9	0.3
9	17.0	23.3	19.2	89.1	19.909	17.4	3.8	0.0	3.8	0.1
10	16.0	26.7	22.3	77.5	20.913	18.2	0.0	17.2	17.2	6.9
11	16.0	26.6	20.6	85.2	20.919	18.2	0.0	18.0	18.0	3.3
12	17.7	25.5	20.2	84.6	20.145	17.6	9.0	0.3	9.3	0.8
13	17.5	25.0	20.2	84.6	20.122	17.6	0.2	0.0	0.2	1.6
14	16.3	25.0	20.1	86.8	20.483	17.9	0.5	0.0	0.5	3.1
15	16.6	26.8	20.7	86.4	21.382	18.6	7.0	0.4	7.4	3.5
16	17.0	24.5	19.3	85.6	19.566	17.1	2.3	3.4	5.7	1.6
17	16.6	26.5	20.8	80.9	19.303	16.9	0.0	0.0	0.0	6.7
18	16.6	21.7	18.6	94.5	20.748	18.1	20.4	0.1	20.5	0.0
19	16.0	26.3	20.4	79.5	18.761	16.4	0.0	0.0	0.0	6.3
20	17.6	25.6	20.4	82.7	19.896	17.4	4.5	0.0	4.5	3.0
21	16.5	27.0	21.4	73.8	18.757	16.5	0.0	0.0	0.0	4.2
22	17.0	27.0	20.7	81.1	19.846	17.4	0.1	0.0	0.1	3.9
23	16.0	24.7	19.9	89.2	20.839	18.1	0.2	0.0	0.2	1.7
24	16.2	25.4	20.5	83.1	20.009	17.5	0.0	2.9	2.9	2.2
25	15.0	25.3	19.7	85.2	19.501	17.1	0.2	0.0	0.2	3.5
26	17.3	26.0	21.2	81.3	20.351	17.8	0.0	5.8	5.8	4.7
27	17.0	25.5	20.4	83.0	19.686	17.2	0.0	15.5	15.5	2.4
28	16.5	26.5	20.2	82.9	19.605	17.2	0.2	0.4	0.6	2.3
29	17.6	23.0	19.3	92.1	20.804	18.1	4.3	7.8	12.1	0.2
30	16.8	24.2	19.5	89.0	20.067	17.6	0.0	0.0	0.0	1.7
PROM.	16.8	25.6	20.5	83.8	20.131	17.6	84.0	209.9	293.9	95.5

ESTACION: NARANJAL

MUNICIPIO: CHINCHINA

AÑO:

1.961

ALTITUD: 1.400

LATITUD: 4-58 N.

LONGITUD: 75-42 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.7	25.0	19.7	84.3	19.287	16.9	5.3	18.4	23.7	2.2
2	17.0	25.7	20.5	83.8	20.210	17.7	0.0	12.0	12.0	4.2
3	17.5	25.5	19.9	87.0	20.344	17.8	6.8	0.0	6.8	2.4
4	17.5	24.0	20.5	87.9	21.013	18.3	0.5	3.1	3.6	1.5
5	16.0	26.5	18.7	79.4	17.045	14.8	27.9	3.4	31.3	6.3
6	15.2	25.5	18.0	86.4	18.194	16.0	0.0	0.0	0.0	3.0
7	16.6	28.2	21.4	74.8	19.019	16.7	0.0	3.9	3.9	7.9
8	17.3	28.0	20.5	89.1	21.142	18.4	2.8	0.0	2.8	6.9
9	18.0	23.0	20.0	92.6	21.696	18.8	7.5	62.8	70.3	1.6
10	17.4	23.5	18.9	92.6	20.386	17.8	3.0	5.8	8.8	0.9
11	16.8	26.0	20.8	82.5	19.965	17.5	0.1	14.8	14.9	5.2
12	17.5	26.5	21.1	80.0	19.719	17.2	1.1	3.1	4.2	4.8
13	16.3	25.5	20.1	83.7	19.573	17.2	0.0	0.0	0.0	3.0
14	16.7	27.0	21.4	79.1	19.679	17.2	0.0	4.8	4.8	4.5
15	17.4	27.3	20.2	83.7	20.183	17.6	2.5	7.4	9.9	6.1
16	16.3	24.6	19.5	86.9	19.915	17.4	5.8	10.1	15.9	1.5
17	16.5	21.0	17.9	95.8	19.784	17.3	13.7	0.1	13.8	0.2
18	14.8	25.0	19.3	82.1	18.309	16.1	0.3	0.0	0.3	6.0
19	16.0	27.5	21.2	75.2	18.542	16.3	0.0	0.0	0.0	6.8
20	16.3	24.2	18.1	92.8	19.313	16.9	3.0	0.0	3.0	2.4
21	14.2	24.0	19.9	82.5	18.659	16.4	0.0	0.0	0.0	3.2
22	15.2	27.3	20.7	74.3	17.906	15.7	0.0	14.5	14.5	5.8
23	16.2	28.0	22.5	73.4	19.889	17.4	0.0	0.0	0.0	8.2
24	15.5	27.7	20.3	74.3	17.372	15.3	0.0	0.0	0.0	9.4
25	14.5	28.0	21.5	72.7	18.269	16.0	0.0	0.0	0.0	9.8
26	15.5	28.3	20.9	71.6	17.263	15.2	0.0	0.0	0.0	8.0
27	15.4	26.7	21.9	71.3	18.292	16.1	0.0	0.0	0.0	5.7
28	15.5	27.0	22.5	76.3	21.155	18.4	0.0	0.0	0.0	0.9
29	15.0	27.3	21.3	75.6	18.693	16.4	0.0	0.0	0.0	6.0
30	15.7	27.3	21.7	77.5	19.571	17.1	0.0	0.0	0.0	8.0
31	17.0	28.2	21.4	77.2	19.385	17.0	0.0	0.0	0.0	7.4
PROM.	16.2	26.1	20.4	81.5	19.347	16.9	80.3	167.2	247.5	153.8

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	16.0	28.0	21.7	75.5	19.089	16.8	0.0	0.0	0.0	7.3
2	16.5	27.2	21.8	75.3	19.549	17.2	0.0	0.0	0.0	0.8
3	16.5	27.0	21.0	82.2	20.468	17.9	0.0	0.0	0.0	0.4
4	16.7	28.5	22.7	77.2	20.917	18.2	0.0	0.0	0.0	5.9
5	18.0	28.5	22.8	72.0	19.623	17.2	0.0	1.1	1.1	7.1
6	18.2	28.5	21.9	79.3	20.581	17.9	0.0	0.0	0.0	3.8
7	18.0	25.2	20.5	82.5	20.139	17.6	1.1	0.0	1.1	1.9
8	16.8	26.5	21.2	78.3	19.339	16.9	0.0	10.9	10.9	3.5
9	16.5	26.5	20.0	85.4	20.380	17.8	0.2	0.0	0.2	2.1
10	15.0	28.0	21.2	74.0	18.108	15.9	0.0	0.0	0.0	6.3
11	16.6	27.0	21.0	82.4	20.510	17.9	2.9	1.6	4.5	0.9
12	17.5	24.0	19.9	87.5	20.290	17.7	3.8	7.7	11.5	0.4
13	17.0	25.0	20.2	83.9	19.906	17.4	0.0	0.0	0.0	2.5
14	16.5	26.2	20.5	81.2	19.410	17.0	0.0	0.0	0.0	0.3
15	15.0	26.0	20.6	72.7	17.523	15.4	0.0	0.0	0.0	6.7
16	17.0	27.0	21.7	74.1	18.958	16.6	0.0	10.0	10.0	6.2
17	17.4	24.4	20.0	82.2	19.201	16.9	0.0	0.0	0.0	0.7
18	17.0	26.0	20.5	79.5	18.980	16.7	1.7	0.0	1.7	3.4
19	16.8	27.0	21.3	74.0	18.408	16.2	0.0	0.0	0.0	6.2
20	15.5	28.0	21.9	72.4	18.634	16.4	0.0	1.2	1.2	6.3
21	16.3	25.5	19.2	93.6	20.803	18.1	4.5	14.5	19.0	2.7
22	16.5	25.0	20.4	79.9	18.715	16.4	0.0	0.0	0.0	3.4
23	16.5	23.0	19.0	89.6	19.831	17.4	3.0	0.0	3.0	0.4
24	15.0	27.0	19.9	77.6	17.987	15.8	0.5	5.1	5.6	6.4
25	16.7	25.6	20.0	83.9	19.503	17.1	0.7	0.0	0.7	3.7
26	17.0	26.0	21.1	82.4	20.232	17.6	0.0	0.0	0.0	2.3
27	17.0	28.5	22.3	73.8	19.446	17.1	0.0	0.0	0.0	7.2
28	16.5	28.0	21.5	69.2	17.065	14.9	0.2	0.2	0.4	7.3
29	16.9	26.6	19.8	81.5	18.805	16.4	3.8	0.7	4.5	4.8
30	17.4	24.0	19.5	85.7	19.419	17.1	0.2	3.1	3.3	1.4
31	16.5	26.5	21.6	77.2	19.484	17.1	0.0	25.2	25.2	0.6
PROM.	16.7	26.5	20.9	79.5	19.397	17.0	22.6	81.3	103.9	113.4

ESTACION: NARANJAL
 ALTITUD: 1.400

MUNICIPIO: CHINCHINA AÑO: 1.981
 LATITUD: 4-58 N. LONGITUD: 75-42 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	24.6	18.1	85.7	17.950	15.8	5.2	5.1	10.3	0.2
2	15.9	25.6	19.5	82.0	18.412	16.2	1.4	0.0	1.4	2.6
3	14.5	25.0	20.1	78.7	18.660	16.4	0.9	22.8	23.7	3.9
4	16.6	25.3	20.5	82.8	19.731	17.3	0.7	4.1	4.8	3.4
5	15.9	24.0	19.4	85.5	19.187	16.8	0.5	1.5	2.0	2.2
6	16.7	25.0	20.2	79.3	18.276	16.0	0.0	0.4	0.4	1.6
7	16.6	25.2	19.0	90.8	19.895	17.4	7.9	0.0	7.9	3.5
8	15.2	25.6	19.6	83.4	19.040	16.7	2.8	30.6	33.4	2.9
9	15.7	26.5	20.9	80.2	19.289	16.9	1.1	0.6	1.7	5.4
10	17.7	26.3	20.8	81.0	19.826	17.4	1.3	43.4	44.7	3.3
11	16.0	25.5	18.8	85.4	18.434	16.2	1.9	0.0	1.9	1.9
12	15.6	27.0	20.4	76.1	18.263	16.0	0.0	20.7	20.7	6.6
13	15.3	25.0	20.4	83.2	19.786	17.3	0.0	0.0	0.0	1.6
14	15.7	26.6	20.1	77.4	18.150	15.9	17.9	16.8	34.7	3.7
15	15.5	26.0	20.0	82.4	18.945	16.6	0.7	0.0	0.7	1.4
16	16.5	26.8	20.0	78.6	18.248	16.0	0.3	0.0	0.3	3.2
17	14.8	27.0	20.1	81.1	18.810	16.5	3.1	0.0	3.1	4.2
18	15.5	28.0	22.0	74.6	19.123	16.8	0.0	0.0	0.0	8.1
19	17.2	22.0	18.4	90.7	19.269	16.9	2.9	0.0	2.9	0.3
20	15.2	28.2	20.9	75.3	18.151	15.9	0.0	0.0	0.0	7.1
21	16.2	28.0	21.1	78.9	19.682	17.2	0.0	0.0	0.0	3.2
22	16.7	26.6	21.1	76.2	18.759	16.5	0.0	0.0	0.0	3.8
23	15.3	28.7	22.1	69.7	18.029	15.8	0.0	0.0	0.0	3.8
24	15.0	28.2	21.8	72.8	18.822	16.6	0.0	0.4	0.4	3.2
25	17.7	27.7	21.6	77.7	19.960	17.4	0.0	0.0	0.0	2.1
26	17.0	27.0	20.6	83.6	20.254	17.7	0.0	0.0	0.0	1.5
27	16.6	26.2	21.5	77.4	19.819	17.3	0.1	0.2	0.3	4.4
28	16.6	28.0	20.2	80.2	18.928	16.6	32.6	0.1	32.7	7.2
29	16.0	27.3	21.3	80.8	20.336	17.7	0.2	0.2	0.4	5.9
30	17.5	27.0	21.4	78.0	19.687	17.3	0.0	2.1	2.1	5.2
PROM.	16.1	26.3	20.4	80.3	19.057	16.7	81.5	149.0	230.5	110.2

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	17.6	25.5	20.4	81.5	19.490	17.1	4.1	0.0	4.1	1.2
2	18.0	26.4	21.7	76.5	19.493	17.0	0.0	0.0	0.0	0.5
3	17.7	23.6	20.4	83.7	20.046	17.5	2.5	4.1	6.6	2.3
4	17.0	26.3	19.5	83.0	19.061	16.8	1.2	0.0	1.2	2.6
5	15.4	27.0	20.6	76.8	18.441	16.2	0.0	0.0	0.0	7.5
6	17.0	27.0	20.2	79.8	19.359	17.0	4.8	0.0	4.8	3.2
7	16.3	26.3	20.9	76.7	18.831	16.5	1.5	12.3	13.8	5.6
8	16.2	24.7	19.5	86.5	19.541	17.1	4.1	13.4	17.5	2.6
9	17.3	24.6	19.2	88.0	19.779	17.3	0.7	11.8	12.5	2.1
10	17.0	24.0	19.5	86.3	19.523	17.1	0.7	4.8	5.5	0.4
11	16.4	25.6	19.6	84.3	18.978	16.6	0.0	0.0	0.0	1.5
12	17.2	23.6	18.9	89.2	19.990	17.5	2.9	0.0	2.9	0.7
13	16.2	27.0	19.6	77.2	17.503	15.4	7.3	0.5	7.8	6.1
14	15.7	26.5	20.9	75.6	18.487	16.3	0.0	1.3	1.3	5.9
15	16.0	25.0	19.6	84.6	19.410	17.0	2.4	1.7	4.1	0.8
16	16.6	25.6	20.4	78.4	18.566	16.3	0.0	0.0	0.0	2.3
17	16.5	27.2	22.1	76.2	19.898	17.4	1.9	10.8	12.7	2.9
18	17.4	26.0	20.6	83.5	20.568	17.9	0.0	1.2	1.2	1.8
19	16.0	26.0	21.0	79.9	19.607	17.2	0.0	0.0	0.0	2.9
20	17.7	27.5	21.3	78.4	19.811	17.3	0.0	0.0	0.0	5.8
21	16.5	28.2	20.6	77.9	19.136	16.8	0.2	26.9	27.1	6.4
22	17.2	23.8	19.5	89.7	20.482	17.9	2.5	0.0	2.5	0.9
23	16.0	23.5	19.1	88.5	19.573	17.1	2.5	19.3	21.8	1.3
24	16.7	23.7	19.4	87.9	19.515	17.1	0.8	0.0	0.8	1.3
25	15.5	27.0	20.1	79.2	18.331	16.1	4.2	0.0	4.2	5.5
26	15.5	25.0	19.5	82.5	19.077	16.7	34.3	1.1	35.4	1.2
27	15.5	24.5	18.8	82.7	18.269	16.0	3.8	0.0	3.8	1.5
28	16.5	24.5	18.8	88.5	19.376	17.0	0.8	0.1	0.9	1.1
29	16.4	26.0	21.1	78.9	19.583	17.1	0.0	33.7	33.7	3.7
30	17.0	22.0	18.9	87.7	19.466	17.0	6.9	0.0	6.9	0.0
31	15.0	26.0	19.8	77.8	17.984	15.8	0.1	2.4	2.5	2.1
PROM.	16.5	25.5	20.0	82.2	19.264	16.9	90.2	145.4	235.6	83.9

ESTACION: NARANJAL

MUNICIPIO: CHINCHINA

AÑO: 1.981

ALTITUD: 1.400

LATITUD: 4-58 N.

LONGITUD: 75-42 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	26.5	18.8	90.1	19.745	17.3	0.0	0.0	0.0	0.4
2	16.7	26.0	20.5	76.2	18.372	16.1	0.0	0.0	0.0	5.7
3	16.0	27.6	20.8	74.1	17.868	15.7	0.0	5.7	5.7	7.7
4	17.5	26.2	21.1	78.7	19.682	17.2	0.0	0.6	0.6	3.7
5	17.4	26.4	21.3	78.2	19.397	17.0	0.0	0.0	0.0	6.8
6	17.0	27.3	21.3	75.7	18.809	16.4	0.1	40.7	40.8	7.5
7	16.0	26.2	20.8	80.9	19.739	17.3	0.0	4.3	4.3	4.7
8	16.5	28.0	20.2	82.2	19.433	17.0	15.6	8.9	24.5	3.8
9	16.3	25.5	20.5	77.9	18.744	16.5	0.0	0.0	0.0	2.1
10	17.0	26.0	20.3	79.7	18.900	16.6	5.1	0.0	5.1	6.0
11	17.5	27.3	21.3	76.8	19.335	17.0	0.0	6.8	6.8	6.4
12	17.0	25.6	20.3	82.5	19.780	17.3	0.5	1.7	2.2	4.2
13	17.2	26.0	21.2	81.5	20.293	17.7	2.1	5.1	7.2	3.5
14	18.0	23.7	19.4	88.2	20.117	17.6	4.4	0.0	4.4	0.2
15	16.0	26.0	21.1	78.7	19.514	17.1	0.0	6.2	6.2	3.7
16	17.5	26.3	20.7	82.1	20.135	17.6	0.0	0.0	0.0	3.0
17	17.0	27.5	21.4	79.0	19.975	17.5	0.0	0.0	0.0	7.8
18	17.6	25.8	20.3	82.1	20.175	17.6	3.7	0.7	4.4	4.6
19	15.2	27.5	21.6	77.7	19.962	17.5	0.0	35.0	35.0	7.1
20	17.4	24.5	19.7	84.9	19.573	17.2	0.0	0.0	0.0	2.3
21	16.5	25.5	19.6	83.4	19.211	16.9	0.0	0.6	0.6	2.5
22	16.8	26.0	19.8	80.2	18.448	16.2	0.0	0.0	0.0	3.3
23	16.8	27.0	20.4	78.9	19.054	16.7	4.5	15.8	20.3	5.6
24	16.7	25.3	20.1	85.6	20.184	17.6	0.0	0.0	0.0	2.9
25	17.0	23.5	19.5	88.1	19.980	17.5	5.2	0.0	5.2	0.0
26	16.0	28.0	21.3	74.7	18.870	16.6	0.0	1.6	1.6	7.5
27	16.6	26.0	20.3	85.5	20.684	18.0	3.5	0.4	4.9	2.4
28	16.4	26.4	19.9	80.1	18.610	16.4	4.3	13.0	16.3	5.7
29	17.1	23.5	19.1	90.2	19.988	17.5	1.8	1.0	2.8	0.5
30	17.5	25.5	20.4	79.5	18.905	16.6	0.1	1.4	1.5	5.3
PROM.	16.8	26.0	20.4	81.1	19.449	17.0	50.9	149.5	200.4	126.9

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	17.8	26.0	20.5	77.9	18.586	16.3	0.0	31.4	31.4	3.4
2	17.4	26.0	20.5	79.1	19.032	16.7	0.2	0.0	0.2	4.0
3	16.5	28.0	21.5	77.2	19.411	17.0	0.0	13.3	13.3	0.6
4	17.0	26.5	21.1	77.8	19.236	16.9	0.0	16.6	16.6	3.2
5	17.2	27.0	20.2	82.3	19.512	17.1	4.4	51.8	56.2	4.6
6	16.8	25.5	19.8	82.4	19.057	16.8	0.0	0.0	0.0	1.7
7	17.5	27.0	20.9	83.1	20.514	17.9	0.0	2.7	2.7	5.5
8	16.8	26.7	21.3	81.1	20.155	17.6	0.0	1.9	1.9	3.7
9	18.0	24.5	20.2	84.4	20.216	17.7	3.7	0.0	3.7	0.5
10	17.2	23.0	19.9	90.0	21.052	18.3	0.0	0.0	0.0	0.0
11	16.0	26.0	19.8	82.1	19.168	16.8	1.8	0.0	1.8	1.5
12	15.2	27.5	21.3	81.1	20.071	17.5	0.0	0.0	0.0	7.6
13	18.2	27.5	21.8	75.9	19.660	17.2	0.0	4.5	4.5	4.6
14	18.0	28.0	21.4	82.4	20.500	18.1	0.0	1.5	1.5	4.0
15	17.8	26.0	21.4	83.7	21.391	18.6	0.0	0.0	0.0	2.9
16	16.5	28.0	21.6	78.6	19.764	17.3	0.0	15.1	15.1	7.0
17	16.6	27.0	20.7	76.5	19.019	16.7	0.0	0.0	0.0	5.7
18	17.5	27.2	20.2	83.3	20.033	17.5	5.5	0.7	6.2	5.4
19	16.0	26.9	20.4	82.1	20.002	17.4	0.0	1.4	1.4	3.0
20	18.0	26.0	20.6	84.1	20.434	17.9	14.4	2.0	16.4	0.2
21	17.6	24.0	18.8	87.3	19.146	16.8	2.0	0.2	2.2	1.4
22	16.2	23.8	20.0	82.0	18.997	16.7	0.0	0.7	0.7	6.6
23	16.6	26.6	21.1	75.8	18.365	16.1	0.6	0.0	0.6	6.4
24	17.3	28.2	21.6	73.2	18.580	16.3	0.0	0.0	0.0	0.7
25	17.6	26.2	20.2	84.9	20.055	17.6	0.7	0.0	0.7	3.8
26	17.1	26.4	20.9	83.8	20.535	17.9	0.0	0.0	0.0	3.5
27	17.4	27.2	21.1	81.4	20.259	17.7	0.0	0.0	0.0	5.9
28	17.0	27.2	22.0	77.0	19.797	17.3	0.0	0.0	0.0	2.0
29	18.0	20.0	18.5	94.2	20.176	17.6	0.5	0.0	0.5	5.8
30	15.2	25.0	20.0	78.9	18.023	15.8	0.0	28.5	28.5	5.4
31	15.6	25.3	19.9	77.2	17.492	15.4	0.0	1.2	1.2	1.0
PROM	17.0	26.1	20.6	81.3	19.633	17.2	33.8	173.5	207.3	117.6

ESTACION: NARANJAL

MUNICIPIO

CHINCHINA

AÑO:

1.981

ALTITUD: 1.400

LATITUD:

4-58 N.

LONGITUD:

75-42 W.

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 Huvias	
ENERO	16.8	28.2	21.5	14.5	29.8	77.0	19.407	16.9	112.4	10	237.9
FEBRERO	17.7	28.1	21.9	15.0	30.6	79.7	20.541	17.9	158.0	21	146.8
MARZO	17.1	27.1	21.3	15.6	30.8	80.4	20.099	17.6	266.0	17	140.3
ABRIL	17.1	26.2	20.7	14.9	29.5	83.1	20.178	17.6	355.6	25	99.9
MAYO	16.7	25.6	20.3	15.1	29.3	84.9	20.162	17.6	352.4	25	111.6
JUNIO	16.8	25.6	20.5	15.0	28.5	83.8	20.131	17.6	293.9	23	95.5
JULIO	16.2	26.1	20.4	14.2	28.3	81.5	19.347	16.9	247.5	18	153.8
AGOSTO	16.7	26.5	20.9	15.0	28.5	79.5	19.397	17.0	103.9	17	113.4
SEPTIEMBRE	16.1	26.3	20.4	14.5	28.7	80.3	19.057	16.7	230.5	22	110.2
OCTUBRE	16.5	25.5	20.0	15.0	28.2	82.2	19.264	16.9	235.6	25	83.9
NOVIEMBRE	16.8	26.0	20.4	15.2	28.0	81.1	19.449	17.0	200.4	21	126.9
DICIEMBRE	17.0	26.1	20.6	15.2	28.2	81.3	19.633	17.2	207.3	22	117.6
PROMEDIO	16.8	26.4	20.7	14.9	29.0	81.2	19.722	17.2			
TOTAL									2763.5	246	1537.8

ESTACION: LA FLORIDA
 ALTITUD: 1.850

MUNICIPIO: POPAYAN
 LATITUD: 2-27 N.

AÑO: 1.961
 LONGITUD: 76-35 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	13.3	25.1	18.3	81.4	17.211	15.1	7.3	0.0	7.3	7.1
2	12.6	24.8	18.2	77.9	16.599	14.6	3.5	0.0	3.5	
3	12.5	25.0	18.3	79.7	16.614	14.6	0.0	0.0	0.0	
4	11.6	25.3	18.3	61.2	12.778	10.4	0.0	0.0	0.0	
5	10.5	25.0	19.0	67.0	14.913	12.6	0.0	0.0	0.0	
6	12.8	23.0	18.2	77.5	16.183	14.1	0.1	0.0	0.1	
7	13.0	21.6	17.0	84.6	16.463	14.4	0.2	0.0	0.2	
8	14.5	20.1	16.3	91.4	17.321	15.2	17.0	0.5	17.5	
9	13.3	24.3	17.8	80.8	16.357	14.4	0.0	0.0	0.0	
10	11.2	25.0	18.3	73.9	15.666	13.5	0.0	5.5	5.5	
11	12.5	24.1	16.8	75.8	14.714	12.7	82.4	0.0	82.4	
12	12.6	24.8	17.5	80.7	16.354	14.2	1.4	0.2	1.6	
13	15.0	25.2	19.3	81.6	18.558	16.3	0.5	17.3	17.8	
14	16.0	24.8	18.2	86.4	18.252	16.1	2.6	0.0	2.6	
15	12.2	25.2	18.6	77.9	16.403	14.3	0.0	0.0	0.0	
16	12.5	24.8	18.8	76.6	16.562	14.3	0.0	0.0	0.0	
17	11.6	25.2	19.5	77.1	17.604	15.4	0.0	0.4	0.4	
18	13.6	25.4	18.3	77.2	16.437	14.2	7.8	0.0	7.8	
19	12.6	25.0	18.3	75.0	15.850	13.7	6.4	0.0	6.4	
20	11.5	25.0	17.9	70.3	14.437	12.2	0.0	0.0	0.0	
21	11.8	24.5	17.8	74.8	15.098	13.0	1.0	0.0	1.0	
22	11.5	24.3	16.7	74.2	14.117	12.0	0.3	0.0	0.3	
23	11.0	25.0	17.1	71.3	13.857	11.7	0.0	0.0	0.0	
24	10.8	25.0	18.3	68.9	14.595	12.5	0.0	0.0	0.0	
25	10.7	25.0	18.7	69.0	15.103	13.1	0.0	0.0	0.0	
26	10.8	25.0	18.2	76.1	15.760	13.6	0.0	0.0	0.0	
27	11.8	25.0	19.5	72.4	16.126	14.0	2.9	1.9	4.8	
28	10.8	25.4	16.9	78.7	15.066	13.0	0.0	0.0	0.0	
29	12.8	25.0	17.4	80.8	16.083	14.1	10.9	0.0	10.9	
30	12.8	25.0	18.1	83.0	16.976	14.9	0.4	0.1	0.5	
31	11.8	24.0	18.3	76.8	16.138	14.1	0.0	0.0	0.0	
PROM.	12.3	24.6	18.1	76.8	15.942	13.8	144.7	25.9	170.6	

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	13.5	21.3	17.2	82.4	16.168	14.1	0.0	0.0	0.0	
2	11.5	25.4	18.3	76.5	16.056	14.0	7.7	0.0	7.7	
3	12.5	24.0	17.8	82.6	17.173	14.9	0.7	0.0	0.7	
4	12.0	23.0	16.8	81.1	15.700	13.7	0.8	0.0	0.8	
5	11.5	25.1	17.9	72.8	15.051	12.9	0.4	0.0	0.4	
6	12.0	24.2	17.8	78.6	15.936	13.8	0.5	0.0	0.5	
7	12.5	25.0	18.3	76.0	15.938	13.8	3.9	0.5	4.4	
8	15.0	24.3	18.0	83.0	17.340	15.3	0.0	0.0	0.0	
9	12.0	24.0	18.0	80.1	16.573	14.4	0.3	0.0	0.3	
10	13.5	25.3	19.5	78.5	17.437	15.2	0.0	0.0	0.0	
11	13.0	26.5	17.7	77.0	15.932	13.8	51.8	14.4	66.2	
12	13.6	21.5	16.9	85.7	16.376	14.3	0.2	0.0	0.2	
13	13.6	23.3	19.3	75.1	16.769	14.7	6.3	31.8	38.1	
14	13.0	23.0	17.6	84.7	17.058	15.0	8.7	0.0	8.7	
15	14.6	25.0	18.3	79.0	16.616	14.6	0.2	0.0	0.2	
16	14.0	25.0	18.2	81.9	17.154	15.1	0.0	0.0	0.0	
17	14.8	23.8	18.2	84.0	17.415	15.3	0.0	0.0	0.0	
18	14.5	22.0	18.6	79.2	16.764	14.7	0.0	0.0	0.0	
19	13.3	21.4	17.4	84.8	17.148	15.1	0.0	0.0	0.0	
20	12.6	24.4	17.1	80.8	15.805	13.7	1.7	0.6	2.3	
21	13.5	24.0	17.9	81.7	16.823	14.7	7.6	0.0	7.6	
22	13.6	24.0	18.8	77.7	17.152	15.1	7.7	0.0	7.7	
23	11.8	23.3	17.6	81.7	16.596	14.5	24.4	4.6	29.0	
24	15.6	23.8	18.8	81.6	17.580	15.4	1.8	0.0	1.8	
25	13.7	24.2	18.9	71.9	15.156	13.2	0.0	0.0	0.0	
26	14.0	25.8	20.2	62.4	13.936	11.9	0.0	0.0	0.0	
27	14.2	25.6	19.5	72.5	15.844	13.9	0.0	0.0	0.0	
28	14.0	25.3	20.0	65.6	14.930	12.9	0.0	0.0	0.0	
PROM	13.3	24.1	18.2	78.5	16.372	14.3	124.7	51.9	176.6	

ESTACION: LA FLORIDA

MUNICIPIO: POPAYAN

AÑO: 1.961

ALTITUD: 1.850

LATITUD: 2-27 N.

LONGITUD: 76-35 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.6	26.8	19.7	67.4	14.858	12.8	0.0	0.0	0.0	
2	14.5	25.6	17.9	80.3	16.699	14.6	0.0	0.0	0.0	
3	12.5	26.0	19.7	75.9	17.326	15.0	0.0	0.0	0.0	
4	14.5	26.8	21.0	68.5	16.560	14.5	0.0	0.0	0.0	
5	12.4	25.8	18.4	81.9	17.451	15.3	3.7	18.6	22.3	
6	14.3	21.3	17.4	88.7	17.605	15.5	1.9	4.1	6.0	
7	13.8	23.0	18.4	83.4	17.922	15.8	0.7	0.8	1.5	
8	14.3	21.1	17.6	83.7	16.874	14.8	0.0	0.0	0.0	
9	14.8	20.4	17.3	93.4	18.603	16.3	3.4	0.0	3.4	
10	14.8	20.0	16.5	93.3	17.890	15.7	19.8	1.5	21.3	
11	12.6	24.0	18.5	85.6	18.076	15.9	0.0	0.0	0.0	
12	13.5	25.4	18.5	75.2	16.421	14.4	2.7	0.0	2.7	
13	12.8	23.0	17.1	77.5	15.311	13.3	0.0	1.3	1.3	
14	13.5	23.0	17.8	85.1	17.459	15.4	3.9	37.0	40.9	
15	14.0	24.0	18.3	81.0	17.096	15.0	0.0	0.3	0.3	
16	14.5	25.0	19.3	79.4	17.350	15.2	0.0	0.1	0.1	
17	14.8	22.0	16.7	92.4	17.723	15.6	1.2	13.0	14.2	0.9
18	14.5	22.3	17.8	86.2	17.563	15.5	0.0	0.0	0.0	1.7
19	10.9	24.4	19.3	72.4	16.278	14.2	0.0	0.7	0.7	6.7
20	14.2	23.4	17.8	80.4	16.279	14.3	0.0	0.1	0.1	4.0
21	13.5	23.6	17.9	81.3	16.804	14.8	0.0	0.1	0.1	4.9
22	14.4	24.5	17.8	74.2	15.220	13.2	0.5	0.0	0.5	3.9
23	13.5	24.0	16.1	85.3	15.623	13.6	0.0	0.5	0.5	5.0
24	12.5	22.8	16.9	80.3	15.471	13.5	0.0	0.0	0.0	4.6
25	12.4	25.6	18.3	74.5	15.686	13.6	0.0	25.0	25.0	9.1
26	14.2	24.0	18.3	79.7	16.542	14.5	0.0	0.0	0.0	3.8
27	13.0	25.4	17.6	79.9	16.204	14.2	0.0	13.0	13.0	6.3
28	11.3	25.0	17.6	70.9	14.573	12.2	0.1	0.0	0.1	6.7
29	12.8	24.0	17.3	80.3	16.111	14.1	10.0	0.0	10.0	4.8
30	11.0	24.0	17.4	80.2	16.013	14.0	0.0	0.0	0.0	4.1
31	13.6	26.4	19.3	68.1	15.097	13.1	0.0	0.0	0.0	9.2
PROM.	13.5	24.0	18.0	80.2	16.603	14.5	47.9	116.1	164.0	

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	14.4	24.7	19.2	74.5	16.440	14.4	0.0	0.0	0.0	3.6
2	12.7	25.0	19.1	80.5	17.817	15.5	0.0	0.0	0.0	6.0
3	14.0	23.0	19.3	80.4	17.903	15.7	0.0	0.0	0.0	1.5
4	13.2	25.4	19.7	74.3	17.205	15.1	0.6	0.0	0.6	7.3
5	14.0	20.0	16.7	88.1	17.300	15.2	0.8	0.0	0.8	0.2
6	13.0	22.6	17.8	84.5	17.233	15.1	0.0	0.5	0.5	2.7
7	13.0	24.0	19.3	81.6	17.940	15.7	0.6	0.0	0.6	3.4
8	15.6	23.0	17.3	87.7	17.875	15.7	5.6	0.0	5.6	1.5
9	13.5	25.2	20.1	75.6	17.563	15.3	0.0	0.0	0.0	9.1
10	15.5	27.6	19.0	71.0	15.991	14.0	0.0	0.0	0.0	9.0
11	13.9	25.0	20.1	76.9	18.272	16.1	0.0	0.0	0.0	7.0
12	14.6	22.0	18.2	85.0	18.027	15.9	0.0	0.0	0.0	0.0
13	14.3	23.0	17.8	84.0	17.557	15.5	15.4	0.0	15.4	1.3
14	13.6	23.6	17.6	83.3	16.930	14.9	39.0	10.4	49.4	3.3
15	14.5	23.6	18.3	79.6	16.667	14.6	0.1	1.0	1.1	3.2
16	14.8	23.4	18.8	77.2	16.882	14.8	0.5	0.0	0.5	1.9
17	14.2	23.6	19.4	82.5	18.767	16.5	7.1	0.0	7.1	2.9
18	13.5	22.0	16.6	87.7	16.479	14.5	11.5	24.9	36.4	0.8
19	14.0	20.0	16.2	81.9	15.204	13.2	2.1	0.1	2.2	0.1
20	13.6	25.0	19.4	76.5	16.730	14.6	0.0	0.0	0.0	7.1
21	14.4	25.8	19.4	70.6	15.628	13.6	0.0	0.0	0.0	5.5
22	14.3	23.2	18.4	78.6	16.304	14.2	3.9	0.0	3.9	2.8
23	12.9	22.0	16.6	88.9	17.022	14.9	1.6	0.0	1.6	3.7
24	14.5	24.0	17.5	81.1	16.643	14.6	9.9	0.0	9.9	3.4
25	12.4	26.0	20.4	68.4	16.264	14.1	0.0	0.0	0.0	9.5
26	16.0	25.8	19.9	68.0	15.444	13.4	0.0	0.0	0.0	5.0
27	14.5	23.3	16.6	86.8	16.816	14.7	8.2	0.1	8.3	1.5
28	14.3	22.0	17.8	86.3	17.561	15.4	2.1	1.7	3.8	1.0
29	14.5	23.0	18.6	79.4	16.954	14.9	0.0	1.2	1.2	2.8
30	13.8	26.2	17.7	77.2	15.948	14.0	7.0	3.6	10.6	4.6
PROM.	14.1	23.8	18.4	79.9	16.979	14.9	116.0	43.5	159.5	111.7

ESTACION: LA FLORIDA
 ALTITUD: 1.850

MUNICIPIO: POPAYAN
 LATITUD: 2-27 N.

AÑO: 1.961
 LONGITUD: 76-35 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.8	25.0	17.9	77.4	15.814	13.8	2.8	3.7	6.5	5.0
2	14.3	24.0	17.0	78.1	15.324	13.4	11.1	7.3	18.4	0.0
3	13.3	22.3	17.5	79.1	15.792	13.8	5.6	7.6	13.2	3.0
4	13.9	22.8	17.3	81.5	16.128	14.1	5.7	1.0	6.7	0.7
5	13.6	24.4	17.7	81.6	16.536	14.5	0.0	14.3	14.3	4.4
6	14.0	22.0	17.1	77.7	15.119	13.2	0.0	0.0	0.0	3.4
7	13.3	25.0	17.4	78.3	15.399	13.4	4.5	38.1	42.6	4.0
8	11.0	21.5	14.8	81.6	13.878	11.8	0.0	0.0	0.0	1.2
9	13.0	24.8	17.7	75.7	15.646	13.7	2.2	0.0	2.2	6.1
10	12.6	23.3	16.9	77.1	14.696	12.7	0.0	0.0	0.0	3.6
11	14.3	24.8	17.6	81.9	16.436	14.4	18.8	0.7	19.5	3.0
12	14.0	23.7	19.0	76.9	16.679	14.6	0.2	0.0	0.2	3.8
13	15.0	25.3	19.9	79.4	17.955	15.8	0.0	4.9	4.9	5.7
14	15.1	23.3	18.4	80.8	16.970	14.9	7.0	0.0	7.0	1.3
15	14.3	24.1	18.7	83.4	18.154	15.9	2.9	10.3	13.2	2.5
16	14.5	22.0	17.3	84.2	17.006	14.9	21.9	0.0	21.9	0.5
17	11.8	23.4	16.9	84.1	16.595	14.6	30.9	0.2	37.1	3.0
18	12.3	23.8	17.6	80.8	16.508	14.4	7.3	0.0	7.3	2.8
19	11.8	25.6	18.5	79.9	17.126	15.0	0.5	0.0	0.5	4.5
20	14.0	27.3	19.1	69.6	15.419	13.4	0.0	0.0	0.0	10.0
21	14.0	26.8	20.7	69.0	16.692	14.7	0.0	1.4	1.4	6.2
22	14.0	26.6	19.6	72.4	16.377	14.4	0.0	0.0	0.0	5.0
23	13.3	23.0	16.7	89.2	17.139	15.0	5.2	0.0	5.2	1.6
24	14.8	21.0	17.6	89.8	18.320	16.1	0.9	0.0	0.9	0.4
25	13.8	22.0	17.4	90.9	18.077	15.9	3.0	11.0	14.0	0.5
26	15.0	25.6	18.4	85.3	17.889	15.7	0.0	0.0	0.0	3.6
27	14.6	23.8	17.6	82.4	16.953	14.9	6.2	0.0	6.2	0.7
28	12.6	24.0	17.8	78.5	16.176	14.1	33.1	0.0	33.1	5.0
29	14.8	22.0	17.4	90.6	18.072	15.9	2.5	0.0	2.5	1.1
30	14.3	24.1	18.0	79.9	16.648	14.6	4.5	0.3	4.8	3.0
31	14.0	24.0	18.4	77.7	16.557	14.5	0.0	0.0	0.0	5.9
PROM.	13.7	23.9	17.9	80.5	16.519	14.5	182.8	100.8	283.6	101.5

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	14.0	22.0	18.0	75.8	16.065	14.1	0.0	0.7	0.7	3.4
2	11.8	25.0	18.5	75.6	15.954	13.8	0.3	0.0	0.3	8.7
3	11.2	25.0	17.6	72.8	14.792	12.7	18.5	2.2	20.7	8.6
4	11.2	25.4	18.5	79.2	16.989	14.9	0.2	0.0	0.2	8.0
5	13.0	25.0	19.3	75.2	16.860	14.8	0.0	0.0	0.0	7.4
6	13.5	25.0	19.4	76.7	17.338	15.2	0.0	0.0	0.0	6.0
7	12.8	21.3	16.7	80.6	15.525	13.5	14.9	0.5	15.4	0.4
8	13.6	21.0	16.5	90.2	17.099	15.0	0.5	5.3	5.8	0.5
9	13.3	21.9	16.8	87.5	16.663	14.6	0.0	0.0	0.0	3.1
10	12.8	24.0	17.1	79.5	15.687	13.7	20.8	0.0	20.8	2.4
11	13.5	23.6	17.5	83.6	16.900	14.9	4.2	0.0	4.2	3.6
12	14.0	23.0	17.1	85.4	16.877	14.8	10.3	0.0	10.3	3.1
13	13.0	24.0	17.7	82.1	16.756	14.7	0.0	0.0	0.0	2.7
14	13.0	25.2	18.4	70.4	15.251	13.3	0.0	0.0	0.0	5.4
15	12.5	25.6	18.0	77.7	16.568	14.5	2.6	0.0	2.6	6.8
16	13.0	22.5	18.6	82.4	17.442	15.3	0.2	0.0	0.2	3.0
17	13.0	26.0	18.9	78.4	17.299	15.2	1.9	0.0	1.9	7.4
18	14.0	22.0	18.3	83.9	18.060	15.9	1.9	0.0	1.9	1.2
19	12.8	24.4	17.4	83.5	16.504	14.5	2.0	0.4	2.4	4.6
20	14.0	25.0	17.6	79.3	16.470	14.5	0.0	0.0	0.0	6.5
21	10.5	24.0	17.8	87.6	18.637	16.1	0.0	0.0	0.0	4.3
22	14.0	22.4	17.5	79.8	16.367	14.3	0.0	0.0	0.0	2.6
23	13.5	25.6	17.3	75.2	15.036	13.1	1.1	0.0	1.1	4.8
24	12.0	23.0	16.9	73.3	14.048	12.0	0.0	0.0	0.0	1.9
25	14.0	25.0	17.5	58.1	12.078	9.6	0.0	0.0	0.0	7.3
26	12.2	26.0	19.0	59.9	12.885	10.7	0.0	0.0	0.0	8.4
27	13.0	24.5	17.9	80.7	16.912	14.8	0.3	0.0	0.3	3.3
28	11.2	24.3	18.0	77.8	15.859	13.8	0.3	0.0	0.3	4.0
29	12.5	23.0	17.4	78.1	15.939	14.0	24.8	1.2	26.0	2.0
30	15.0	21.0	16.6	86.9	16.815	14.8	29.3	29.9	59.2	2.3
PROM	12.9	23.9	17.8	78.6	16.189	14.1	134.1	40.2	174.3	133.7

ESTACION: LA FLORIDA

MUNICIPIO: POPAYAN

AÑO: 1981

ALTITUD: 1.850

LATITUD: 2-27 N.

LONGITUD: 76-35 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	23.0	17.2	79.7	15.732	13.8	21.1	0.4	21.5	3.8
2	12.8	25.0	18.5	80.0	16.960	14.8	2.0	0.0	2.0	6.4
3	14.3	23.6	18.3	79.7	16.713	14.7	0.0	0.0	0.0	5.7
4	13.0	22.4	17.4	82.4	16.665	14.6	0.0	0.0	0.0	1.4
5	12.5	24.8	16.8	75.6	14.572	12.6	0.5	0.0	0.5	4.0
6	12.6	24.1	18.1	84.5	17.613	15.5	0.7	0.0	0.7	4.3
7	13.0	25.0	18.3	70.0	14.569	12.5	0.0	0.0	0.0	5.5
8	11.0	25.0	18.4	69.5	14.838	12.9	0.0	0.0	0.0	6.0
9	13.5	24.0	17.8	79.2	16.213	14.2	0.0	0.0	0.0	3.8
10	13.0	23.0	16.6	82.4	15.745	13.7	0.2	0.0	0.2	3.8
11	14.0	25.3	17.9	75.8	15.689	13.7	0.3	0.0	0.3	4.6
12	13.0	25.6	19.0	66.5	14.990	13.0	0.0	0.0	0.0	5.2
13	11.5	24.8	17.9	73.1	14.793	12.7	0.0	0.0	0.0	4.1
14	12.0	25.2	16.8	77.4	14.973	12.9	0.0	0.0	0.0	4.4
15	13.6	24.0	17.5	78.1	15.805	13.8	0.0	0.0	0.0	4.0
16	12.5	23.0	17.2	78.7	15.365	13.2	1.5	0.0	1.5	3.9
17	12.5	23.0	17.1	82.2	16.111	14.1	3.4	5.6	9.0	1.8
18	13.0	23.3	17.2	82.6	16.403	14.4	0.0	0.0	0.0	4.5
19	12.4	25.0	18.5	67.8	14.334	12.3	0.0	0.0	0.0	8.0
20	11.0	25.0	19.2	69.4	15.555	13.5	0.0	0.0	0.0	6.6
21	10.6	25.6	18.8	66.9	14.156	12.1	0.0	0.0	0.0	6.3
22	11.3	27.4	20.4	54.4	12.775	10.5	0.0	0.0	0.0	9.7
23	12.0	25.6	19.4	57.5	12.571	10.3	0.0	0.0	0.0	10.1
24	12.3	25.4	20.3	61.3	14.418	12.2	0.0	0.0	0.0	10.0
25	10.0	25.8	19.5	54.3	12.927	10.7	0.0	0.0	0.0	8.9
26	12.0	27.0	18.5	60.4	12.531	10.2	0.0	0.0	0.0	9.7
27	11.4	28.3	19.9	58.1	13.235	11.1	0.0	0.0	0.0	9.4
28	15.0	27.3	19.3	66.3	14.950	13.0	0.0	0.0	0.0	7.1
29	12.8	26.8	18.4	72.3	15.695	13.7	0.0	0.0	0.0	8.0
30	12.8	27.0	19.7	66.9	14.809	12.8	0.0	0.0	0.0	9.7
31	13.0	28.0	20.5	63.8	15.692	13.7	0.0	0.0	0.0	6.9
PROM.	12.5	25.1	18.4	71.5	15.077	13.0	29.7	6.0	35.7	187.6

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.0	28.8	20.4	72.9	17.172	15.1	0.0	0.0	0.0	9.9
2	12.6	27.4	20.4	62.2	14.908	12.9	0.0	0.0	0.0	6.0
3	13.0	27.8	18.7	69.0	14.769	12.8	0.0	0.0	0.0	5.5
4	13.0	28.0	20.7	73.0	17.324	15.1	0.0	0.0	0.0	9.7
5	12.8	26.8	18.9	64.8	13.687	11.6	0.0	0.0	0.0	8.5
6	13.3	25.8	19.5	79.3	17.864	15.6	0.0	0.0	0.0	7.4
7	13.0	25.8	17.7	77.4	16.282	14.3	5.2	0.9	6.1	5.7
8	12.6	27.0	18.5	78.8	16.893	14.8	2.8	0.0	2.8	4.5
9	13.6	26.8	19.3	68.9	14.794	12.8	0.0	0.0	0.0	6.0
10	14.0	26.0	20.1	57.8	13.571	11.5	0.0	0.0	0.0	7.9
11	13.8	24.8	19.0	80.3	17.884	15.7	0.7	1.2	1.9	3.0
12	14.0	21.3	17.1	86.1	16.675	14.6	0.0	0.0	0.0	0.5
13	14.4	25.7	18.1	77.8	16.645	14.4	0.0	0.0	0.0	6.1
14	14.0	25.0	19.8	64.4	14.398	12.2	0.0	0.0	0.0	4.3
15	13.3	24.8	18.1	74.5	15.958	13.8	0.0	0.0	0.0	6.5
16	13.0	22.4	16.9	79.5	15.607	13.5	0.3	0.0	0.3	4.5
17	12.7	22.0	17.3	82.7	16.322	14.3	38.9	0.0	38.9	3.0
18	13.6	25.4	18.1	80.5	16.288	14.2	0.0	0.0	0.0	3.7
19	13.0	26.4	17.9	65.7	13.123	11.0	0.0	0.0	0.0	6.9
20	13.0	27.3	19.2	70.2	15.442	13.3	0.0	0.0	0.0	9.7
21	12.8	24.3	18.2	76.3	15.973	13.8	3.5	0.0	3.5	4.8
22	13.0	25.0	19.0	73.5	16.408	14.4	12.5	10.9	10.9	4.9
23	13.6	23.7	18.7	85.3	18.962	16.6	0.0	0.0	0.0	4.9
24	12.3	25.0	18.4	71.1	15.579	13.6	1.9	0.8	2.7	6.1
25	14.0	23.0	17.2	83.9	16.536	14.5	3.9	0.0	3.9	1.5
26	13.0	24.3	16.9	79.1	15.441	13.4	3.3	0.0	3.3	5.5
27	14.0	24.8	17.4	68.1	13.547	11.3	0.0	0.1	0.1	5.1
28	12.3	26.8	19.2	65.8	14.264	12.0	0.0	0.0	0.0	7.5
29	12.1	23.4	16.4	86.9	16.870	14.7	7.4	0.5	7.9	6.6
30	11.0	23.0	17.7	75.5	15.502	13.4	0.0	0.0	0.0	3.5
31	12.4	21.0	16.9	85.4	16.471	14.3	0.2	0.0	0.2	1.4
PROM.	13.1	25.1	18.4	74.7	15.844	13.7	80.6	14.4	95.0	171.1

ESTACION: LA FLORIDA
 ALTITUD: 1.850

MUNICIPIO: POPAYAN
 LATITUD: 2-27 N.

AÑO: 1.981
 LONGITUD: 76-35 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.8	22.4	17.2	73.0	14.227	12.2	0.0	0.0	0.0	3.6
2	11.0	24.3	17.2	74.9	14.510	12.4	0.0	0.0	0.0	5.3
3	12.3	24.3	17.7	77.8	15.521	13.9	0.0	0.0	0.0	5.9
4	12.0	24.3	17.5	76.6	15.404	13.3	0.0	0.0	0.0	5.9
5	12.1	22.8	17.0	72.9	14.189	12.1	0.0	0.0	0.0	3.3
6	13.3	23.4	18.9	78.2	17.137	15.0	0.4	1.9	2.3	4.0
7	13.6	23.8	18.3	81.3	17.014	14.9	0.1	0.0	0.1	6.5
8	13.0	23.6	16.9	82.4	15.691	13.7	0.3	0.0	0.3	4.5
9	14.3	25.0	20.0	63.0	14.515	12.5	0.7	0.0	0.7	6.1
10	15.4	24.5	18.6	67.7	14.582	12.5	0.0	0.0	0.0	6.2
11	14.0	20.0	15.7	88.0	16.080	14.1	3.9	0.0	3.9	3.2
12	11.3	26.8	17.8	62.6	12.836	10.5	6.9	0.0	6.9	7.8
13	13.2	23.0	18.2	66.8	13.779	11.8	0.0	0.0	0.0	4.4
14	13.0	23.3	17.3	83.7	16.693	14.6	6.9	1.0	7.9	3.5
15	13.6	24.0	18.9	58.3	11.944	9.4	0.0	0.0	0.0	2.7
16	13.5	24.2	18.0	68.9	13.897	11.7	0.0	0.0	0.0	2.6
17	12.5	25.5	17.6	66.2	13.131	10.8	0.0	0.0	0.0	4.8
18	13.0	24.7	19.2	62.2	13.624	11.5	0.0	0.0	0.0	5.7
19	12.5	25.0	18.6	71.4	15.720	13.8	0.0	0.0	0.0	4.1
20	11.5	26.0	20.1	54.7	13.142	10.9	0.0	0.0	0.0	8.8
21	13.6	26.8	20.8	50.9	12.542	10.3	0.0	0.0	0.0	8.0
22	14.0	27.3	20.0	52.0	11.972	9.6	0.0	0.0	0.0	9.3
23	13.0	28.3	20.8	48.0	11.650	9.2	0.0	0.0	0.0	10.1
24	14.5	27.2	20.6	54.6	12.676	10.5	0.0	0.0	0.0	8.4
25	14.5	25.8	21.2	54.5	12.923	10.8	0.0	0.0	0.0	6.6
26	13.5	26.7	19.6	61.0	13.515	11.4	0.0	0.0	0.0	7.2
27	12.5	26.8	20.0	62.4	14.425	12.3	0.0	0.0	0.0	5.5
28	12.3	26.8	19.0	69.1	15.221	13.1	0.0	0.0	0.0	7.9
29	12.6	27.2	19.1	74.0	16.315	14.2	0.3	0.0	0.3	7.0
30	13.0	25.6	19.6	75.2	16.987	14.9	0.0	0.0	0.0	6.0
PROM.	13.0	25.0	18.7	67.7	14.409	12.3	19.5	2.9	22.4	174.9

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	22.2	18.1	83.2	17.293	15.2	0.0	0.0	0.0	0.4
2	13.3	25.9	18.6	66.9	14.350	12.3	13.6	0.0	13.6	5.8
3	13.6	22.0	17.1	81.4	16.561	14.4	0.6	0.0	0.6	2.0
4	12.5	22.6	17.7	81.7	16.741	14.6	0.0	0.0	0.0	2.9
5	13.5	25.3	19.3	73.0	15.933	13.9	0.0	0.0	0.0	7.9
6	13.5	25.0	17.6	70.4	14.590	12.6	8.7	0.0	8.7	5.5
7	13.0	24.8	18.8	78.0	16.708	14.6	5.9	0.0	5.9	6.0
8	15.0	23.1	17.3	76.4	15.181	13.2	0.8	0.0	0.8	1.4
9	13.0	22.2	18.1	76.2	16.000	14.0	1.4	5.7	7.1	2.2
10	14.6	23.8	18.0	80.8	16.690	14.7	0.0	0.0	0.0	2.8
11	14.3	24.0	17.6	78.6	15.780	13.8	0.3	0.0	0.3	3.9
12	15.4	23.3	17.8	81.4	16.905	14.9	0.6	2.6	3.2	3.1
13	12.6	23.2	16.3	78.5	14.692	12.6	2.1	0.1	2.2	5.0
14	12.5	25.5	17.6	69.9	14.004	11.9	2.3	0.0	2.3	7.2
15	13.8	23.8	17.7	76.6	15.288	13.2	3.8	4.1	7.9	2.3
16	15.0	23.3	18.1	78.7	16.296	14.3	5.0	0.0	5.0	3.7
17	15.4	24.0	18.1	75.8	16.169	14.2	3.9	0.6	4.5	3.0
18	13.6	23.6	17.1	78.4	15.517	13.6	9.6	0.0	9.6	1.7
19	12.5	25.0	18.3	66.8	14.140	11.9	6.1	0.0	6.1	6.5
20	11.5	25.4	18.0	62.3	12.810	10.5	0.0	0.0	0.0	8.2
21	11.0	25.0	19.3	63.8	13.904	11.8	0.0	0.0	0.0	9.2
22	12.0	23.3	16.0	82.8	15.342	13.3	2.7	0.0	2.7	5.2
23	12.0	22.0	16.4	77.3	14.759	12.7	1.3	0.3	1.6	1.6
24	13.0	23.0	16.9	77.8	15.224	13.3	2.7	0.0	2.7	3.3
25	12.8	25.6	18.0	69.8	14.720	12.6	4.6	0.0	4.6	7.2
26	13.6	23.0	16.9	79.7	15.642	13.6	1.9	0.0	1.9	2.3
27	12.3	22.0	16.2	85.0	15.578	13.6	13.5	15.6	29.1	3.0
28	14.0	23.0	17.9	75.5	15.376	13.4	4.5	0.0	4.5	4.0
29	12.5	23.0	17.7	75.5	15.469	13.4	0.1	2.1	2.2	3.9
30	15.0	20.6	16.5	82.7	15.780	13.8	0.0	0.0	0.0	0.0
31	12.5	23.0	17.6	69.5	14.105	12.0	0.7	9.5	10.2	3.4
PROM.	13.3	23.6	17.6	75.9	15.405	13.4	96.7	40.6	137.3	124.6

ESTACION: LA FLORIDA

MUNICIPIO: POPAYAN

AÑO:

1.981

ALTITUD: 1.850

LATITUD: 2-27 N.

LONGITUD: 76-35 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.6	20.4	16.3	80.9	14.973	13.0	0.0	0.0	0.0	0.0
2	12.0	25.4	17.7	70.7	14.317	12.3	22.2	0.4	22.6	10.8
3	12.8	25.0	18.5	61.5	13.262	11.1	0.0	0.0	0.0	6.6
4	12.8	25.0	17.8	73.2	15.141	13.1	5.2	1.0	6.2	5.2
5	14.4	24.0	17.5	77.6	15.579	13.6	0.0	0.0	0.0	5.8
6	12.6	25.0	18.1	65.4	13.785	11.6	0.0	0.0	0.0	7.2
7	13.5	23.3	17.5	79.9	16.348	14.3	20.4	3.1	23.5	3.6
8	14.0	23.0	17.8	79.8	16.186	14.2	3.4	0.0	3.4	2.0
9	14.6	24.0	17.3	78.2	15.614	13.7	5.7	0.0	5.7	3.1
10	14.8	23.4	16.8	78.0	15.111	13.1	4.2	11.1	15.3	2.7
11	14.5	24.0	17.7	76.6	15.397	13.4	16.7	3.3	20.0	4.9
12	14.5	23.3	17.3	76.7	14.998	13.0	4.5	0.0	4.5	1.7
13	15.0	22.4	18.2	79.9	16.571	14.5	13.6	25.9	39.5	0.3
14	13.2	24.4	17.9	71.4	14.527	12.5	3.7	1.2	4.9	4.4
15	14.5	23.0	17.5	80.1	16.220	14.2	7.4	17.2	24.6	2.1
16	14.5	23.0	17.3	78.7	15.716	13.7	7.3	3.1	10.4	3.0
17	14.8	24.0	17.3	77.9	15.581	13.6	0.0	0.0	0.0	3.3
18	13.8	23.0	17.5	75.5	15.200	13.2	7.1	3.3	10.4	3.6
19	13.6	23.6	16.2	82.6	15.359	13.4	1.4	0.0	1.4	1.8
20	12.4	22.4	17.0	75.5	14.595	12.5	0.0	5.1	5.1	3.0
21	13.6	21.0	17.0	82.2	16.135	14.2	3.6	0.0	3.6	0.9
22	11.8	24.0	18.3	70.7	14.781	12.7	0.0	4.2	4.2	4.3
23	15.0	23.0	17.9	80.0	16.098	14.0	0.1	0.6	0.7	1.8
24	15.0	23.0	17.5	78.8	15.834	13.9	24.7	0.0	24.7	3.8
25	14.8	23.0	17.4	79.2	15.309	13.9	0.0	0.0	0.0	2.5
26	12.6	25.4	19.4	70.2	15.596	13.5	4.6	0.4	5.0	7.0
27	14.4	24.6	17.8	72.9	14.653	12.6	3.6	0.0	3.6	3.1
28	12.8	24.4	17.8	73.0	14.908	12.9	0.2	10.1	10.3	5.3
29	13.8	22.0	19.0	69.3	15.344	13.3	3.4	10.6	14.0	2.3
30	14.0	21.8	17.4	77.1	15.252	13.3	4.9	0.0	4.9	1.3
PROM.	13.8	23.5	17.6	75.8	15.300	13.3	167.9	100.6	268.5	107.4

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	14.5	24.0	17.8	78.4	16.075	14.1	0.4	0.0	0.4	4.7
2	12.4	25.0	17.0	73.0	14.454	12.4	0.0	0.0	0.0	7.7
3	12.5	25.8	18.1	72.4	15.132	13.1	0.0	0.0	0.0	9.2
4	13.7	23.3	17.7	77.3	15.635	13.6	8.8	4.3	13.1	1.3
5	15.5	21.0	17.2	84.8	16.822	14.8	21.3	17.0	38.3	0.9
6	14.4	24.3	16.7	79.2	15.264	13.3	12.0	0.0	12.0	1.3
7	13.0	25.3	17.5	76.8	15.446	13.4	0.0	0.6	0.6	7.2
8	14.5	28.0	20.4	60.9	14.132	12.0	0.0	0.0	0.0	7.2
9	12.8	23.3	18.0	71.0	14.598	12.5	0.0	0.0	0.0	4.1
10	13.8	24.0	17.5	74.5	15.207	13.2	0.0	0.0	0.0	4.3
11	14.8	21.0	16.8	87.0	16.645	14.6	0.1	0.0	0.1	0.6
12	14.5	23.0	17.9	77.7	15.748	13.7	0.0	0.0	0.0	2.3
13	12.4	25.0	17.8	75.0	15.540	13.6	6.7	0.0	6.7	5.3
14	13.0	23.6	17.8	73.1	15.120	13.0	4.5	0.0	4.5	4.9
15	12.8	25.0	18.1	71.3	15.114	13.1	10.5	0.0	10.5	6.1
16	12.8	24.4	19.3	70.5	15.730	13.6	0.0	0.0	0.0	7.2
17	12.8	24.0	18.1	69.3	14.504	12.3	3.3	0.0	3.3	6.0
18	12.8	25.3	17.6	69.4	14.065	11.9	2.0	0.0	2.6	6.8
19	14.5	23.3	18.1	69.8	14.722	12.7	10.7	14.4	25.1	3.9
20	14.8	24.4	17.4	76.7	15.419	13.4	14.7	0.5	15.2	4.4
21	13.8	22.4	17.0	79.0	15.293	13.3	0.1	12.1	12.2	0.3
22	13.3	24.0	17.7	77.7	15.539	13.5	0.0	0.0	0.0	5.6
23	13.5	24.0	18.5	73.1	15.495	13.4	0.0	0.0	0.0	8.1
24	12.8	25.0	18.8	72.3	15.501	13.5	0.0	0.3	0.3	6.6
25	13.8	23.5	17.1	73.1	14.509	12.5	40.6	2.6	43.2	5.8
26	11.8	25.0	19.1	58.7	12.956	10.7	0.0	0.0	0.0	11.0
27	13.2	23.0	18.6	74.7	16.143	14.0	0.3	0.0	0.3	5.6
28	13.8	25.4	19.3	73.4	16.456	14.3	0.0	0.0	0.0	7.6
29	13.5	22.8	17.1	72.0	14.320	12.2	13.0	1.0	14.0	1.6
30	13.1	23.3	17.5	74.7	14.488	12.3	0.0	0.0	0.0	4.8
31	14.8	24.0	18.0	80.4	16.484	14.5	1.5	27.4	28.9	4.9
PROM	13.5	24.0	17.9	74.1	15.244	13.2	157.1	80.2	237.3	157.4

ESTACION: LA FLORIDA

MUNICIPIO POPAYAN

AÑO: 1.981

ALTITUD: 1.850

LATITUD: 2-27 N.

LONGITUD: 76-35 W.

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 Hluvias		
ENERO	12.3	24.6	18.1	10.5	25.4	76.8	15.942	13.8	170.6	18		
FEBRERO	13.3	24.1	18.2	11.5	26.5	78.5	16.372	14.3	176.6	17		
MARZO	13.5	24.0	18.0	10.9	26.8	80.2	16.603	14.5	164.0	20		
ABRIL	14.1	23.6	18.4	12.4	27.6	79.9	16.979	14.9	159.5	19	111.7	
MAYO	13.7	23.9	17.9	11.0	27.3	80.5	16.519	14.5	283.6	24	101.5	
JUNIO	12.9	23.9	17.8	10.5	26.0	78.6	16.189	14.1	174.3	19	133.7	
JULIO	12.5	25.1	18.4	10.0	28.3	71.5	15.077	13.0	35.7	8	187.6	
AGOSTO	13.1	25.1	18.4	11.0	28.8	74.7	15.844	13.7	95.0	14	171.1	
SEPTIEMBRE	13.0	25.0	18.7	11.0	28.3	67.7	14.409	12.3	22.4	8	174.9	
OCTUBRE	13.3	23.6	17.6	11.0	25.9	75.9	15.405	13.4	137.3	24	124.6	
NOVIEMBRE	13.8	23.5	17.6	11.8	25.4	75.8	15.300	13.3	268.5	24	107.4	
DICIEMBRE	13.5	24.0	17.9	11.8	28.0	74.1	15.244	13.2	237.3	19	157.4	
PROMEDIO	13.3	24.2	18.1	11.1	27.0	76.2	15.824	13.8				
TOTAL									1924.8	214		

ESTACION: MANUEL MEJIA

MUNICIPIO: TAMBO

AÑO: 1.921

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	14.0	23.5	17.3	84.4	16.762	14.7	0.1	0.0	0.1	6.2
2	14.0	23.0	17.6	85.6	17.547	15.4	0.0	0.0	0.0	4.7
3	14.6	23.2	17.6	85.0	17.260	15.2	0.0	0.0	0.0	8.3
4	15.0	25.0	18.9	77.2	16.327	14.2	0.0	1.3	1.3	9.6
5	14.5	23.5	19.1	80.3	17.577	15.4	0.7	0.0	0.7	8.5
6	13.6	22.5	18.4	88.0	18.527	16.3	0.6	5.3	5.9	4.4
7	14.6	22.5	18.8	88.5	19.303	16.9	0.0	0.0	0.0	2.2
8	14.4	20.0	15.9	93.3	17.288	15.2	5.4	1.5	6.9	5.6
9	14.0	23.0	18.4	86.8	18.091	15.9	0.5	0.0	0.5	6.7
10	15.3	24.0	19.2	80.1	17.470	15.3	0.0	0.0	0.0	7.8
11	15.8	24.0	18.1	86.1	18.162	16.0	3.8	8.3	12.1	6.0
12	15.4	23.0	18.2	89.0	18.455	16.2	7.3	0.0	7.3	6.4
13	15.0	23.0	18.7	85.4	18.356	16.1	1.8	20.4	22.2	8.7
14	15.4	23.0	18.8	88.8	19.272	16.9	0.0	0.0	0.0	6.5
15	15.3	23.5	19.4	83.5	18.572	16.3	0.0	0.0	0.0	6.8
16	14.5	23.6	18.6	80.4	18.955	14.9	0.0	0.0	0.0	8.5
17	13.6	24.5	18.6	86.8	18.473	16.2	3.0	5.6	8.6	6.6
18	13.4	23.0	19.0	86.8	19.190	16.8	3.2	0.7	3.9	6.4
19	16.0	24.0	18.9	84.8	18.546	16.3	0.0	0.0	0.0	8.4
20	14.6	23.6	18.4	86.2	18.344	16.1	1.9	0.0	1.9	7.8
21	14.6	22.6	18.2	87.6	18.409	16.2	0.0	0.0	0.0	8.1
22	14.5	23.0	17.3	84.7	16.832	14.8	10.0	0.0	10.0	7.4
23	14.2	24.0	18.7	81.3	17.025	15.0	0.0	0.0	0.0	7.2
24	13.5	24.0	18.3	75.3	15.333	13.3	0.0	0.0	0.0	8.5
25	13.5	24.3	17.1	86.6	16.877	14.9	19.2	5.1	24.3	6.7
26	14.5	23.5	19.0	85.4	18.390	16.2	0.0	0.0	0.0	7.6
27	14.6	24.0	19.0	77.5	16.796	14.8	0.0	0.0	0.0	8.0
28	15.0	24.1	17.6	78.6	16.016	14.0	7.0	0.0	7.0	5.4
29	14.5	23.0	17.3	87.9	17.546	15.4	1.5	0.0	1.5	5.0
30	15.0	23.0	18.9	83.9	18.024	15.9	0.0	0.0	0.0	5.5
31	15.5	22.6	18.0	82.9	16.943	14.9	0.0	0.0	0.0	6.2
PROM.	14.7	23.3	18.3	84.5	17.699	15.5	66.0	48.2	114.2	216.1

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	15.7	22.0	17.4	87.6	17.397	15.3	0.0	0.0	0.0	2.7
2	15.2	24.5	19.5	77.5	16.943	14.9	0.0	1.5	1.5	6.5
3	15.0	23.0	18.2	89.9	18.793	16.5	0.0	4.5	4.5	3.4
4	13.9	22.0	17.2	88.9	17.342	15.2	1.6	0.0	1.6	2.5
5	14.0	24.0	18.4	78.3	16.105	14.0	0.0	0.0	0.0	8.2
6	14.6	24.5	18.3	83.0	17.334	15.2	0.3	0.0	0.3	8.7
7	14.5	24.0	19.8	80.2	18.142	16.0	0.0	0.0	0.0	7.8
8	16.5	23.0	18.7	83.6	18.113	15.9	0.0	0.0	0.0	6.6
9	14.5	24.0	18.7	81.8	17.846	15.7	0.8	0.0	0.8	5.9
10	14.5	24.0	19.0	78.9	17.020	15.0	0.0	0.0	0.0	6.9
11	14.8	25.0	19.1	75.7	16.697	14.6	0.0	16.9	16.9	9.2
12	14.5	22.0	17.3	89.8	17.699	15.6	0.0	0.0	0.0	0.9
13	14.5	24.5	19.6	80.1	17.859	15.7	0.0	36.6	36.6	8.1
14	14.5	22.0	18.1	91.4	18.755	16.4	0.0	0.7	0.7	8.8
15	15.4	23.5	19.2	78.7	17.188	15.1	0.0	0.0	0.0	8.2
16	15.5	24.6	19.1	81.9	18.024	15.8	0.0	0.0	0.0	4.0
17	14.9	22.0	18.2	89.6	18.607	16.3	0.0	18.0	18.0	2.1
18	15.6	22.0	18.4	88.7	18.798	16.5	0.0	0.0	0.0	5.1
19	16.5	21.8	17.7	92.1	19.010	16.7	5.4	0.0	5.4	2.0
20	13.0	24.0	18.0	85.5	17.568	15.4	1.6	1.3	2.9	4.6
21	15.5	24.5	18.4	85.5	18.226	16.0	8.6	0.0	8.6	4.7
22	15.5	23.5	19.1	86.0	18.969	16.6	1.9	1.5	3.4	3.4
23	16.0	23.5	18.4	88.3	18.516	16.0	9.9	7.5	17.4	4.8
24	16.0	22.6	19.1	81.2	17.867	15.7	0.5	0.0	0.5	1.8
25	15.4	22.6	18.7	90.9	19.651	17.2	0.2	0.0	0.2	3.3
26	15.5	25.0	20.1	74.5	17.213	15.1	0.0	0.0	0.0	8.3
27	13.5	24.0	19.7	74.7	16.404	14.3	0.4	0.0	0.4	5.5
28	12.5	23.6	19.3	81.3	17.630	15.4	0.2	0.0	0.2	9.8
PROM.	14.9	23.4	18.7	83.8	17.861	15.7	31.4	88.5	119.9	153.8

ESTACION: MANUEL MEJIA
 ALTITUD: 1.700

MUNICIPIO: TAMBO AÑO: 1.981
 LATITUD: 2-24 N. LONGITUD: 76-48 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	25.0	19.8	71.5	15.791	13.8	0.0	0.0	0.0	3.7
2	13.5	23.3	18.1	77.3	15.944	14.0	0.0	0.0	0.0	7.7
3	12.0	24.0	19.0	79.3	16.994	14.9	0.0	0.0	0.0	8.2
4	15.5	26.0	21.3	74.2	18.528	16.3	0.0	0.0	0.0	6.4
5	15.0	25.0	18.6	81.5	17.635	15.5	11.9	8.1	20.0	1.5
6	14.5	21.6	17.7	89.8	18.263	16.1	5.8	1.8	7.6	2.2
7	15.5	21.5	17.8	89.5	18.538	16.3	0.5	1.0	1.5	0.3
8	16.0	20.5	17.6	91.7	18.625	16.4	2.4	2.0	4.4	0.4
9	15.5	21.5	17.4	95.9	19.482	17.1	1.3	2.4	3.7	1.4
10	15.4	20.5	18.5	92.7	19.657	17.2	1.8	3.4	5.2	3.9
11	15.1	23.0	18.2	85.1	17.730	15.6	6.5	16.3	22.8	5.7
12	16.0	23.6	18.3	87.7	18.821	16.5	6.0	0.4	6.4	1.8
13	15.0	22.5	19.0	85.3	18.712	16.4	0.0	39.0	39.0	6.0
14	15.0	22.0	18.5	89.1	18.825	16.5	2.7	3.0	5.7	8.2
15	14.6	23.0	18.0	88.0	18.007	15.8	4.6	68.2	72.8	0.9
16	14.5	24.5	19.4	78.8	17.800	15.6	0.0	1.6	1.6	8.5
17	16.0	22.0	17.9	88.4	18.515	16.3	6.6	2.9	9.5	8.5
18	15.0	21.0	17.5	83.4	18.769	14.7	0.0	0.0	0.0	7.6
19	14.2	23.3	18.2	81.8	16.852	14.8	0.0	0.0	0.0	3.8
20	16.0	24.5	18.5	83.0	17.655	15.5	2.1	0.0	2.1	7.4
21	15.5	23.5	17.6	86.8	17.816	15.7	0.0	25.8	25.8	8.6
22	14.3	23.0	17.2	80.2	15.626	13.6	0.3	0.0	0.3	2.7
23	14.6	22.6	17.4	85.6	17.437	15.3	4.2	0.0	4.2	7.2
24	11.8	22.5	16.7	80.3	14.889	12.9	0.0	0.0	0.0	7.1
25	14.0	24.0	18.3	75.9	15.604	13.5	0.0	0.7	0.7	8.0
26	13.5	23.5	17.4	84.1	16.660	14.6	0.0	0.0	0.0	7.2
27	14.5	24.0	18.2	77.9	16.288	14.3	0.0	0.0	0.0	7.1
28	14.8	25.0	18.2	81.3	17.006	14.9	1.4	3.7	5.1	7.1
29	14.5	23.6	17.2	86.9	17.141	15.1	1.0	5.2	6.2	4.3
30	13.5	22.5	18.1	87.9	18.001	15.8	0.0	0.0	0.0	8.0
31	14.4	24.0	18.5	78.3	16.308	14.2	0.0	0.0	0.0	
PROM.	14.7	23.1	18.2	83.8	17.481	15.3	59.1	185.5	244.6	

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	12.5	24.3	17.8	75.1	15.178	13.2	0.0	0.0	0.0	5.4
2	12.2	24.0	19.1	84.5	18.167	15.9	0.0	0.0	0.0	6.4
3	16.0	22.8	18.0	84.0	17.828	15.6	0.0	0.0	0.0	1.4
4	14.8	25.0	19.7	82.2	18.876	16.6	0.0	10.3	10.3	8.5
5	16.0	21.0	17.1	95.6	18.956	16.6	0.0	0.0	0.0	5.6
6	14.8	23.5	18.1	86.0	17.777	15.6	12.0	0.0	12.0	5.4
7	14.5	23.5	18.5	82.6	17.541	15.4	2.5	1.1	3.6	1.6
8	16.5	22.5	18.8	89.1	19.471	17.1	14.2	0.0	14.2	8.1
9	14.5	24.0	19.3	78.8	17.190	15.1	0.0	0.0	0.0	7.2
10	16.0	26.0	21.0	70.7	17.182	14.8	0.0	0.0	0.0	6.0
11	16.4	24.0	20.0	82.4	19.357	17.0	0.0	0.0	0.0	0.0
12	16.0	22.0	18.2	86.7	18.068	15.9	0.0	0.0	0.0	0.9
13	16.5	22.6	19.5	86.7	19.645	17.2	52.6	0.0	52.6	5.2
14	13.5	23.6	17.1	90.2	17.708	15.6	0.0	5.3	5.3	5.7
15	15.0	25.0	18.3	81.4	17.202	15.1	6.6	33.9	40.5	
16	15.4	24.5	17.8	83.0	16.909	14.9	3.3	0.0	3.3	1.8
17	14.8	22.0	17.6	91.1	18.567	16.3	6.2	1.0	7.2	
18	15.5	22.6	18.0	86.8	18.150	16.0	0.0	0.0	0.0	
19	14.7	21.0	16.4	88.2	16.745	14.7	0.0	110.0	110.0	
20	14.5	23.5	18.1	79.3	16.300	14.3	0.0	0.0	0.0	5.4
21	15.0	25.0	18.7	76.6	16.616	14.6	1.4	6.1	7.5	5.6
22	14.6	23.0	17.0	80.4	15.783	13.8	0.0	5.4	5.4	5.5
23	14.4	23.0	17.1	94.1	18.596	16.3	3.3	41.1	44.4	3.4
24	15.5	23.5	17.4	86.1	17.520	15.4	18.6	0.0	18.6	2.9
25	12.5	25.0	19.6	82.0	18.256	16.1	0.0	0.0	0.0	7.8
26	17.1	24.0	20.1	85.8	19.981	17.4	0.0	0.0	0.0	
27	16.0	23.0	18.6	86.2	18.912	16.6	5.9	1.3	7.2	1.6
28	16.5	22.4	18.1	88.2	18.448	16.2	0.0	5.6	5.6	1.5
29	12.5	24.0	18.1	85.2	17.844	15.7	6.1	15.0	21.1	2.7
30	14.5	25.0	17.3	82.8	16.533	14.5	33.0	0.0	33.0	7.5
PROM.	14.9	23.5	18.3	84.4	17.844	15.7	165.7	236.1	401.8	

ESTACION: MANUEL MEJIA
 ALTITUD: 1.700

MUNICIPIO: TAMBO
 LATITUD: 2-24 N.

AÑO: 1.961
 LONGITUD: 76-46 E.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	24.5	17.1	84.1	16.669	14.7	0.0	0.0	0.0	
2	14.0	23.0	18.2	84.4	17.835	15.7	0.0	0.3	0.3	7.4
3	15.0	24.0	18.1	86.0	17.913	15.8	2.1	6.5	8.6	
4	15.5	22.4	18.1	86.4	18.164	16.0	1.0	0.1	1.1	2.6
5	13.5	23.0	17.4	83.5	16.551	14.5	4.9	22.3	27.2	
6	13.8	24.0	17.5	81.0	15.947	13.9	2.1	0.2	2.3	5.8
7	13.9	24.0	17.1	80.0	15.501	13.4	41.0	22.2	63.2	2.8
8	11.5	20.0	16.2	95.3	17.698	15.5	0.0	0.0	0.0	6.2
9	14.5	20.0	15.7	84.3	15.111	13.1	4.0	0.0	4.0	2.2
10	13.8	23.6	17.4	87.6	17.697	15.6	2.9	0.6	3.5	7.0
11	14.6	23.0	17.4	89.6	17.950	15.8	0.8	33.4	34.2	5.2
12	15.3	21.0	18.0	87.2	18.192	16.0	11.7	0.0	11.7	5.2
13	15.0	22.2	17.9	85.6	17.517	15.4	0.0	3.0	3.0	7.1
14	15.3	24.0	19.5	77.9	17.181	15.0	7.1	0.6	7.7	3.8
15	16.0	24.5	18.8	80.0	17.487	15.3	8.5	88.3	96.8	4.5
16	15.5	23.0	17.3	86.3	17.390	15.3	2.3	0.0	2.3	3.3
17	14.2	24.0	17.6	82.9	16.801	14.8	0.2	0.0	0.2	
18	13.9	23.6	17.8	90.8	18.772	16.5	0.0	0.0	0.0	5.0
19	15.5	25.0	18.5	81.0	17.204	15.1	0.0	0.0	0.0	5.7
20	13.6	26.0	20.7	61.0	14.017	11.6	0.0	0.5	0.5	10.9
21	14.0	26.0	21.0	60.4	15.291	13.3	0.0	0.0	0.0	9.8
22	14.0	26.0	20.2	74.4	17.635	15.5	3.1	0.0	3.1	8.1
23	16.5	23.0	18.8	86.2	18.991	16.7	4.7	0.4	5.1	5.1
24	16.3	22.0	18.3	86.9	18.239	16.1	3.8	3.4	7.2	
25	15.0	23.0	18.1	88.5	18.261	16.1	0.4	0.0	0.4	1.4
26	15.5	24.0	17.8	84.0	17.254	15.2	0.0	7.6	7.6	3.9
27	15.0	25.4	18.5	86.0	18.747	16.5	4.2	13.1	17.3	6.0
28	15.0	23.8	18.5	82.4	17.910	15.7	3.1	16.7	19.8	
29	15.3	20.3	17.7	92.3	18.567	16.4	0.0	1.4	1.4	1.7
30	15.6	24.0	18.6	81.0	17.437	15.4	0.0	0.0	0.0	6.5
31	15.0	24.0	18.8	75.3	16.030	14.0	0.0	0.0	0.0	
PROM.	14.7	23.4	18.1	83.0	17.289	15.2	107.9	220.6	328.5	

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	23.0	18.7	86.6	19.123	16.8	0.0	0.0	0.0	
2	13.8	25.3	19.0	77.2	16.614	14.6	0.0	0.0	0.0	9.5
3	13.5	25.3	18.8	77.1	16.503	14.4	0.0	0.0	0.0	9.6
4	12.8	24.9	19.9	77.8	17.789	15.7	0.0	0.0	0.0	9.7
5	15.0	25.4	19.2	80.7	18.067	15.9	0.0	0.0	0.0	6.9
6	14.9	24.0	19.6	83.1	18.601	16.3	0.0	0.0	0.0	3.6
7	16.0	22.0	17.5	88.7	18.056	15.9	0.6	0.0	0.6	
8	15.6	20.6	17.8	90.8	18.527	16.3	11.0	4.3	15.3	0.9
9	13.0	20.0	16.7	92.7	17.547	15.4	0.0	0.0	0.0	2.4
10	14.0	23.0	18.1	87.6	18.161	16.0	0.0	0.0	0.0	4.6
11	14.5	23.0	17.7	87.9	18.056	15.9	2.6	0.0	2.6	3.0
12	16.3	21.0	17.8	92.2	18.929	16.6	7.8	0.2	8.0	2.3
13	15.6	23.6	18.0	81.7	16.947	14.9	0.0	0.0	0.0	8.6
14	13.5	24.8	18.9	76.6	16.438	14.4	0.0	0.0	0.0	
15	13.5	24.4	18.3	76.8	16.131	14.1	0.8	0.0	0.8	7.6
16	13.6	22.0	17.4	83.5	16.475	14.5	0.0	0.0	0.0	
17	13.9	25.0	18.2	81.0	16.862	14.8	0.1	0.1	0.2	7.7
18	15.1	21.0	17.8	84.3	17.130	15.1	0.0	0.0	0.0	
19	15.5	24.4	18.8	75.1	16.137	14.1	0.0	0.0	0.0	7.3
20	16.5	24.5	19.1	80.2	17.771	15.6	0.0	0.0	0.0	7.7
21	13.6	23.5	18.9	77.3	16.366	14.2	0.0	0.0	0.0	2.8
22	12.5	24.0	17.7	84.5	17.136	15.1	0.6	0.0	0.6	10.6
23	15.0	25.0	17.7	81.5	16.762	14.7	0.0	0.0	0.0	
24	12.2	22.6	18.7	61.4	12.831	10.3	0.0	0.0	0.0	
25	11.6	24.0	18.4	55.8	11.889	9.5	0.0	0.0	0.0	
26	10.3	24.6	18.4	67.4	13.225	11.1	0.0	0.0	0.0	
27	13.3	23.3	17.8	76.0	15.354	13.4	0.0	0.0	0.0	
28	14.8	23.5	17.8	84.0	17.114	15.0	1.0	7.0	8.0	
29	14.6	24.0	19.3	77.9	17.349	15.3	0.0	2.0	2.0	
30	15.5	24.0	19.4	81.9	18.324	16.1	1.0	0.0	1.0	
PROM.	14.2	23.5	18.4	80.3	16.874	14.7	25.5	13.6	39.1	

ESTACION: MANUEL MEJIA
 ALTITUD: 1.700

MUNICIPIO: TAMBO
 LATITUD: 2-24 N.

AÑO: 1.981
 LONGITUD: 76-48 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	15.5	23.0	17.9	82.2	16.989	14.9	8.8	0.0	8.8	4.2
2	13.5	23.6	17.8	81.9	16.486	14.5	2.1	0.3	2.4	0.3
3	14.4	23.0	17.8	84.0	17.030	15.0	3.4	0.6	4.0	6.9
4	16.4	22.0	18.8	82.9	17.739	15.6	0.7	0.0	0.7	8.4
5	14.8	24.0	17.8	83.7	16.942	14.9	0.2	0.0	0.2	
6	13.5	23.0	18.0	77.2	15.737	13.7	0.2	0.2	0.4	6.1
7	13.3	24.0	18.4	77.3	16.201	14.1	0.0	0.0	0.0	7.5
8	11.5	26.0	18.6	72.1	15.170	13.2	0.0	0.0	0.0	8.1
9	15.5	23.0	18.7	83.1	18.125	15.9	0.5	0.5	1.0	6.1
10	14.8	22.0	18.1	84.4	17.564	15.4	1.9	0.5	2.4	4.3
11	15.0	23.5	17.8	83.9	17.267	15.2	0.0	0.0	0.0	7.4
12	14.0	24.0	18.0	75.6	15.560	13.5	2.1	0.0	2.1	
13	12.5	23.6	16.9	67.8	12.855	10.6	0.0	0.0	0.0	7.8
14	11.0	23.5	17.7	73.3	14.500	12.5	0.0	0.0	0.0	9.7
15	12.7	23.0	18.8	75.1	16.241	14.2	0.2	0.0	0.2	6.6
16	13.5	22.0	18.0	85.9	17.660	15.7	1.4	0.2	1.6	6.0
17	14.3	23.0	18.1	81.3	16.772	14.7	0.1	0.0	0.1	4.5
18	14.5	22.0	17.9	78.1	15.941	13.9	0.0	0.0	0.0	4.2
19	13.5	25.0	19.7	67.1	14.637	12.6	0.0	0.0	0.0	8.9
20	11.6	24.0	19.4	63.2	14.055	11.9	0.0	0.0	0.0	7.5
21	12.4	24.0	19.6	63.8	13.943	11.7	0.0	0.0	0.0	7.8
22	9.0	24.9	17.5	63.1	11.740	9.2	0.0	0.0	0.0	8.7
23	11.5	25.0	18.6	50.0	10.703	7.8	0.0	0.0	0.0	10.7
24	8.5	25.0	18.6	45.3	8.976	5.4	0.0	0.0	0.0	10.7
25	7.8	24.0	18.2	56.3	10.877	8.0	0.0	0.0	0.0	11.1
26	8.6	25.0	17.3	55.0	10.039	6.9	0.0	0.0	0.0	
27	8.3	25.8	17.5	57.2	10.773	7.9	0.0	0.0	0.0	11.0
28	9.5	25.5	19.7	40.4	9.377	5.9	0.0	0.0	0.0	9.7
29	9.5	25.0	19.1	56.6	11.430	8.9	0.0	0.0	0.0	10.3
30	10.6	26.0	19.0	55.7	11.493	8.8	0.0	0.0	0.0	11.2
31	10.6	26.5	20.6	54.5	12.500	10.1	0.0	0.0	0.0	9.4
PROM.	12.3	24.0	18.4	69.6	14.372	12.0	21.6	2.3	23.9	

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	12.5	27.0	21.2	46.3	11.721	9.2	0.0	0.0	0.0	9.8
2	10.0	26.3	20.4	50.8	11.788	9.3	0.0	0.0	0.0	9.5
3	11.5	26.0	20.3	55.7	12.290	9.8	0.0	0.0	0.0	8.7
4	9.5	27.0	18.6	68.9	13.993	11.9	0.0	0.0	0.0	10.9
5	10.5	26.3	19.6	63.6	13.372	11.3	0.0	0.0	0.0	10.7
6	12.6	25.3	18.2	82.7	16.830	14.7	1.0	6.0	7.0	9.2
7	15.0	25.0	18.2	82.5	17.186	15.1	24.0	0.8	24.8	
8	13.5	25.6	18.7	77.5	16.506	14.5	0.0	0.4	0.4	10.3
9	14.2	26.0	20.1	75.5	17.396	15.3	0.0	0.0	0.0	
10	10.5	26.0	20.2	62.4	13.905	11.8	0.0	0.0	0.0	9.0
11	12.5	26.0	18.3	77.3	16.127	14.1	1.1	8.3	9.4	5.6
12	15.8	22.5	17.5	87.6	17.641	15.5	0.3	0.0	0.3	1.7
13	15.3	25.0	19.8	58.1	12.329	9.7	0.0	0.0	0.0	8.7
14	12.0	25.0	19.0	55.3	11.906	9.5	0.0	0.0	0.0	9.9
15	10.0	23.6	18.0	73.4	14.439	12.4	0.0	0.0	0.0	
16	13.4	23.0	17.7	74.6	14.642	12.6	0.0	0.0	0.0	
17	14.6	23.3	17.4	81.9	16.275	14.3	6.3	0.0	6.3	3.1
18	14.5	25.0	18.6	67.7	14.196	12.0	0.0	0.0	0.0	6.3
19	12.0	25.0	18.8	53.3	10.666	7.7	0.0	0.0	0.0	8.3
20	12.3	25.5	19.4	50.2	10.905	8.0	0.0	0.0	0.0	9.3
21	10.5	25.0	18.5	74.8	15.038	12.9	0.1	0.0	0.1	7.0
22	15.0	25.0	17.9	76.1	15.771	13.8	0.7	37.9	38.6	8.5
23	14.1	25.5	18.5	82.1	17.746	15.6	0.0	30.9	30.9	
24	12.5	23.5	16.9	79.7	15.436	13.5	2.7	0.3	3.0	5.5
25	14.6	22.6	17.2	84.0	16.614	14.6	1.2	0.0	1.2	3.4
26	13.2	22.6	17.3	76.8	14.679	12.6	0.1	0.0	0.1	4.3
27	13.0	25.0	19.1	68.1	14.440	12.3	0.0	0.0	0.0	7.6
28	11.0	25.0	18.6	67.2	13.379	11.3	0.0	0.0	0.0	7.6
29	14.0	23.4	17.6	82.5	16.802	14.8	4.6	1.4	6.0	6.7
30	13.3	23.0	17.5	79.5	15.581	13.6	0.3	6.9	7.2	
31	14.5	21.6	16.4	88.5	16.916	14.8	0.0	0.0	0.0	1.5
PROM.	12.8	24.7	18.6	71.1	14.733	12.5	42.4	92.9	135.3	

ESTACION: MANUEL MEJIA
 ALTITUD: 1.700

MUNICIPIO: TAMBO
 LATITUD: 2-24 N.

AÑO: 1.981
 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	11.5	21.5	17.5	75.1	14.678	12.6	0.0	0.0	0.0	2.8
2	13.5	24.0	17.3	72.0	13.924	11.9	0.0	0.0	0.0	6.7
3	11.5	24.3	18.4	75.1	15.294	13.3	0.2	0.0	0.2	7.4
4	13.0	23.3	17.8	78.0	15.631	13.6	0.0	0.0	0.0	4.7
5	10.0	24.0	17.4	67.2	12.460	10.2	0.0	0.0	0.0	6.0
6	13.6	24.0	18.3	72.8	14.573	12.5	0.0	0.0	0.0	4.5
7	10.5	23.2	18.9	75.5	16.309	14.3	1.0	1.4	2.4	4.2
8	14.5	22.0	18.5	74.9	15.696	13.7	0.7	0.0	0.7	3.1
9	14.0	26.0	18.9	65.6	13.776	11.6	0.0	0.0	0.0	2.0
10	11.0	26.0	17.7	75.2	14.705	12.6	1.8	1.5	3.3	7.5
11	13.5	21.0	17.8	86.6	17.332	15.2	1.2	0.0	1.2	2.6
12	10.5	26.0	17.5	77.8	15.212	13.2	0.0	45.8	45.8	9.1
13	14.6	25.5	19.7	69.7	15.361	13.3	0.1	0.0	0.1	8.5
14	13.6	25.0	17.8	84.6	17.480	15.4	2.1	2.8	4.9	4.5
15	12.5	23.6	18.7	69.4	14.576	12.4	0.0	0.0	0.0	5.3
16	13.5	23.0	17.9	56.6	11.796	9.3	0.0	0.0	0.0	5.4
17	10.5	25.3	18.2	54.3	10.890	7.6	0.0	0.0	0.0	6.4
18	11.0	25.3	19.4	56.7	12.715	10.5	0.0	0.0	0.0	8.9
19	14.5	25.0	18.8	76.5	16.983	14.9	1.5	0.0	1.5	8.3
20	14.0	26.0	20.4	58.9	12.973	10.6	0.0	0.0	0.0	8.0
21	14.4	26.0	19.9	57.9	12.876	10.1	0.0	0.0	0.0	9.2
22	10.0	26.2	20.5	43.6	10.298	7.4	0.0	0.0	0.0	8.9
23	11.5	27.2	20.5	47.0	10.904	8.2	0.0	0.0	0.0	9.4
24	12.5	27.0	21.9	52.7	13.295	10.7	0.0	0.0	0.0	9.5
25	13.6	26.0	21.0	47.2	11.720	9.3	0.0	0.0	0.0	8.4
26	12.0	26.3	20.9	53.2	12.706	10.2	0.0	0.0	0.0	9.8
27	11.0	27.0	19.8	52.8	11.730	9.3	0.0	0.0	0.0	9.6
28	12.0	27.0	19.8	68.2	14.903	12.9	0.0	0.0	0.0	8.3
29	14.0	28.0	20.0	70.2	15.567	13.9	0.0	0.0	0.0	8.7
30	14.0	27.0	18.8	80.0	17.009	14.9	1.0	0.6	1.6	6.1
PROM.	12.6	25.1	19.0	66.5	14.126	11.9	9.6	52.1	61.7	203.8

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	14.4	24.5	19.6	80.4	18.100	15.9	0.0	0.0	0.0	4.5
2	15.6	26.5	19.1	80.0	17.392	15.3	17.7	0.0	17.7	2.1
3	16.0	22.2	18.2	86.8	18.171	16.0	0.6	2.0	2.6	1.3
4	13.6	24.0	18.8	81.7	17.505	15.3	0.0	0.0	0.0	
5	14.5	25.3	20.2	71.2	16.664	14.6	0.0	0.0	0.0	6.0
6	15.5	24.8	18.9	82.9	18.352	16.1	0.3	8.1	8.4	5.0
7	15.5	25.3	19.4	76.0	16.745	14.6	0.0	0.0	0.0	4.5
8	15.0	23.7	17.9	85.4	18.151	16.0	32.9	0.0	32.9	1.9
9	14.1	23.0	19.2	86.3	18.953	16.6	11.3	15.3	26.6	5.1
10	15.5	21.0	18.1	91.4	19.131	16.8	10.0	0.0	10.0	4.5
11	15.6	24.3	18.6	83.8	17.913	15.7	19.2	0.0	19.2	2.3
12	15.2	24.0	17.4	86.0	17.594	15.5	6.4	0.0	6.4	3.9
13	11.5	24.0	15.5	94.3	16.389	14.4	13.1	0.0	13.1	3.5
14	13.2	24.5	18.6	76.5	16.020	13.9	0.2	0.1	0.3	5.8
15	14.6	23.0	17.8	85.4	17.466	15.4	3.5	5.9	9.4	2.1
16	16.0	23.5	18.8	84.8	18.451	16.2	4.9	0.0	4.9	3.4
17	15.4	23.0	18.6	86.4	18.534	16.3	0.0	0.0	0.0	4.1
18	16.0	23.4	18.9	81.5	18.217	16.0	0.0	0.0	0.0	1.2
19	13.0	26.0	19.0	84.3	18.360	16.1	0.7	0.1	0.8	6.6
20	15.0	25.0	19.5	73.2	16.275	14.1	0.6	0.0	0.6	8.4
21	14.5	25.0	18.4	75.8	16.423	14.4	5.0	19.9	24.9	6.2
22	14.6	23.0	19.0	77.7	17.480	15.4	0.7	0.0	0.7	3.9
23	15.0	26.0	19.2	83.1	18.233	16.0	8.0	0.0	8.0	
24	14.3	23.5	17.3	83.7	16.799	14.7	8.3	0.3	8.6	3.9
25	14.5	25.0	19.5	71.2	16.930	14.7	0.0	0.0	0.0	
26	14.6	23.5	18.8	83.7	18.264	16.1	0.0	0.0	0.0	3.9
27	13.0	24.0	18.5	82.6	17.815	15.7	0.4	25.5	25.9	4.3
28	15.8	25.0	18.8	84.2	18.331	16.1	5.1	12.1	17.2	4.4
29	13.6	25.0	18.4	81.3	17.522	15.4	33.6	40.3	73.9	4.6
30	15.5	20.5	17.4	88.1	17.570	15.5	0.0	0.0	0.0	0.0
31	14.4	24.0	17.7	86.1	17.380	15.3	16.8	3.2	20.0	4.2
PROM.	14.7	24.0	18.6	82.4	17.649	15.5	199.3	132.8	332.1	

ESTACION: MANUEL MEJIA
 ALTITUD: 1.700

MUNICIPIO: TAMBO
 LATITUD: 2-24 N.

AÑO: 1.981
 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	14.6	20.5	17.7	86.6	17.395	15.3	0.7	0.0	0.7	
2	15.8	22.2	18.3	80.1	16.755	14.7	0.0	0.0	0.0	8.4
3	14.0	25.0	18.7	84.8	18.311	16.1	7.0	0.0	7.0	5.7
4	14.6	25.0	18.2	86.6	18.363	16.2	29.4	9.9	39.3	4.2
5	14.5	22.0	17.6	93.3	18.955	16.6	4.1	0.0	4.1	4.5
6	14.4	23.3	18.8	87.7	19.030	16.7	3.0	0.6	3.6	7.0
7	15.5	22.5	17.5	85.8	17.352	15.2	22.7	5.4	28.1	4.2
8	14.0	22.0	17.9	84.5	17.580	15.4	2.4	0.0	2.4	5.6
9	13.8	23.0	17.5	87.4	17.917	15.8	6.4	0.7	7.1	3.5
10	14.5	23.0	17.9	84.2	17.025	14.9	0.0	0.0	0.0	6.6
11	14.4	23.0	18.4	82.0	17.224	15.1	5.2	32.3	37.5	
12	14.8	23.5	20.3	86.3	19.873	17.3	6.8	5.5	12.3	2.8
13	14.5	23.5	18.7	84.5	17.912	15.7	0.7	16.4	17.1	3.7
14	14.0	21.0	17.7	84.6	17.137	15.0	9.9	1.2	11.1	6.8
15	15.6	23.6	17.6	83.4	16.729	14.7	8.9	3.3	12.2	
16	14.5	22.6	17.6	88.8	18.104	15.9	0.1	8.8	8.9	5.9
17	14.6	23.5	18.0	86.9	18.051	15.9	6.5	11.5	18.0	4.0
18	13.3	22.5	17.1	90.3	17.781	15.6	7.4	38.1	45.5	4.7
19	13.0	22.5	17.6	90.9	18.435	16.2	0.4	2.4	2.8	2.5
20	14.0	22.0	17.0	86.0	16.784	14.7	23.0	15.3	38.3	2.8
21	13.5	20.5	17.8	91.8	18.934	16.6	1.7	10.0	11.7	1.5
22	14.5	23.0	18.6	84.7	17.977	15.8	6.9	34.0	40.9	6.7
23	14.5	22.0	17.9	87.0	17.867	15.7	5.0	8.0	13.0	0.7
24	14.6	22.4	18.3	85.9	18.237	16.1	6.7	4.6	11.3	1.8
25	15.6	24.4	17.6	81.3	16.561	14.5	5.6	0.0	5.6	2.1
26	13.5	25.0	17.5	84.7	17.003	15.0	0.4	39.7	40.1	
27	14.8	25.0	17.8	85.4	17.385	15.3	8.5	0.0	8.5	
28	14.3	23.3	17.6	86.0	17.290	15.1	12.5	19.3	31.8	2.9
29	14.6	23.2	17.4	88.6	17.555	15.4	0.0	15.8	15.8	3.5
30	15.1	22.0	17.4	86.0	17.185	15.1	1.8	7.3	9.1	1.1
PROM.	14.5	22.9	17.9	86.2	17.757	15.6	193.7	290.1	483.8	

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	15.0	22.0	17.3	85.0	16.921	14.8	2.1	9.6	11.7	3.2
2	13.8	23.4	18.1	84.7	17.294	15.1	7.0	0.0	7.0	4.2
3	15.5	23.5	18.7	88.1	18.870	16.6	0.0	0.0	0.0	4.3
4	15.5	23.5	18.4	90.0	19.316	17.0	10.9	5.0	15.9	1.6
5	15.0	18.5	16.9	92.2	17.865	15.7	9.6	13.2	22.8	2.0
6	15.2	23.5	18.4	86.5	18.534	16.3	0.1	0.0	0.1	2.3
7	15.0	24.5	20.1	85.2	19.737	17.3	0.0	0.3	0.3	6.1
8	15.5	25.6	20.5	72.9	17.649	15.5	0.0	0.0	0.0	8.1
9	13.6	25.5	18.3	83.3	17.086	15.0	0.0	0.0	0.0	5.9
10	15.6	22.5	18.6	89.8	19.470	17.1	7.7	0.0	7.7	2.9
11	15.5	20.3	17.6	94.1	18.963	16.7	3.8	0.0	3.8	1.8
12	15.4	23.5	18.5	90.2	19.258	16.9	11.4	0.0	11.4	7.3
13	15.7	23.6	19.0	82.2	18.186	16.0	0.1	0.0	0.1	
14	15.0	24.5	18.6	83.3	17.982	15.8	7.7	11.1	18.8	3.3
15	15.3	24.0	18.0	88.2	18.640	16.4	23.2	1.3	24.5	8.8
16	15.4	23.5	18.4	82.9	17.342	15.2	0.0	0.0	0.0	
17	15.3	23.3	17.7	83.3	17.061	15.0	0.0	0.0	0.0	
18	14.1	23.5	18.8	85.9	18.964	16.6	0.0	0.3	0.3	6.3
19	15.6	23.1	18.2	84.6	17.898	15.7	3.2	73.8	77.0	4.1
20	14.2	22.5	20.1	77.3	17.953	15.4	10.8	0.0	10.8	4.6
21	14.3	22.8	18.0	86.6	18.347	16.2	1.8	3.8	5.6	3.2
22	15.2	24.3	18.1	85.5	17.992	15.8	9.9	1.4	11.3	6.2
23	14.4	23.5	19.6	85.7	19.648	17.2	0.6	3.6	4.2	6.0
24	13.5	24.0	18.1	85.8	17.988	15.8	2.6	0.0	2.6	8.2
25	15.6	23.0	19.8	77.9	18.412	16.2	12.9	0.4	13.3	8.2
26	14.5	24.0	20.6	71.6	17.662	15.5	0.0	0.0	0.0	8.5
27	15.0	18.4	16.6	93.1	17.670	15.6	1.8	0.0	1.8	6.5
28	13.5	21.4	16.2	84.3	15.663	13.7	0.0	0.0	0.0	6.2
29	15.0	21.6	17.5	83.5	16.690	14.6	12.1	3.2	15.3	
30	14.5	22.5	17.3	73.9	14.696	12.7	0.0	0.7	0.7	6.9
31	15.4	22.6	18.6	79.7	16.766	14.7	0.0	46.4	46.4	6.5
PROM.	14.9	23.0	18.4	84.4	17.952	15.7	139.3	174.1	313.4	

ESTACION: MANUEL MEJIA

MUNICIPIO TAMBO

AÑO: 1.981

ALTITUD: 1.700

LATITUD: 2-24 N.

LONGITUD: 76-48 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	14.7	23.3	18.3	13.5	25.0	84.5	17.699	15.5	114.2	16	216.1
FEBRERO	14.9	23.4	18.7	12.5	25.0	83.8	17.861	15.7	119.9	18	153.8
MARZO	14.7	23.1	18.2	11.8	26.0	83.8	17.481	15.3	244.6	20	
ABRIL	14.9	23.5	18.3	12.2	26.0	84.4	17.844	15.7	401.8	18	
MAYO	14.7	23.4	18.1	11.5	26.0	83.0	17.289	15.2	328.5	24	
JUNIO	14.2	23.5	18.4	10.3	25.4	80.3	16.874	14.7	39.1	10	
JULIO	12.3	24.0	18.4	7.8	26.5	69.6	14.372	12.0	23.9	12	
AGOSTO	12.8	24.7	18.6	9.5	27.0	71.1	14.733	12.5	135.3	14	
SEPTIEMBRE	12.6	25.1	19.0	10.0	28.0	66.5	14.126	11.9	61.7	10	203.8
OCTUBRE	14.7	24.0	18.6	11.5	26.5	82.4	17.649	15.5	332.1	22	
NOVIEMBRE	14.5	22.9	17.9	13.0	25.0	86.2	17.757	15.6	483.8	28	
DICIEMBRE	14.9	23.0	18.4	13.5	25.6	84.4	17.952	15.7	313.4	24	
PROMEDIO	14.2	23.7	18.4	11.4	26.0	80.0	16.803	14.6			
TOTAL									2598.3	216	

ESTACION: PUEBLO BELLO
 ALTITUD: 1.000

MUNICIPIO: PUEBLO BELLO AÑO: 1.981
 LATITUD: 10-22 N. LONGITUD: 73-38 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.0	26.8	18.1	81.4	17.020	14.9	0.0	0.0	0.0	
2	10.5	27.0	18.9	79.9	17.223	14.9	0.0	0.0	0.0	
3	12.0	28.0	20.4	79.0	18.212	15.9	0.0	0.0	0.0	
4	12.5	27.2	20.7	85.5	20.456	17.6	0.0	0.0	0.0	
5	12.2	29.0	21.3	80.6	19.739	17.1	0.0	0.0	0.0	
6	13.8	28.3	21.4	77.5	19.120	16.6	0.0	0.0	0.0	
7	13.5	28.9	22.3	77.9	20.210	17.5	0.0	0.0	0.0	
8	14.5	27.9	22.0	75.7	19.728	17.0	0.0	0.0	0.0	
9	12.8	28.9	23.0	70.0	18.591	15.9	0.0	0.0	0.0	
10	11.5	29.8	22.5	72.1	18.741	15.9	0.0	0.0	0.0	
11	13.0	28.0	21.7	71.7	17.959	15.4	0.0	0.0	0.0	
12	13.6	27.5	20.1	80.4	18.614	16.3	0.0	0.0	0.0	
13	15.5	22.0	18.2	88.6	18.311	16.1	5.3	0.5	5.8	
14	13.0	27.0	20.7	81.3	19.411	16.8	0.0	0.0	0.0	
15	12.5	29.8	21.9	75.1	18.774	16.3	0.0	0.0	0.0	
16	13.8	29.5	21.9	73.4	18.481	16.2	0.0	0.0	0.0	
17	13.8	29.8	22.4	78.9	20.596	17.7	0.0	0.0	0.0	
18	14.3	28.8	22.1	67.4	16.638	14.6	0.0	0.0	0.0	
19	13.5	28.4	19.4	77.6	17.311	15.2	0.0	0.0	0.0	
20	11.5	29.3	19.4	82.2	18.890	16.5	0.0	0.0	0.0	
21	12.0	29.9	19.3	77.3	17.479	15.3	0.0	0.0	0.0	
22	14.0	27.6	20.4	68.3	15.466	13.4	0.0	0.0	0.0	
23	13.0	28.8	20.3	62.2	13.632	11.2	0.0	0.0	0.0	
24	13.0	29.9	21.1	74.6	18.402	16.2	0.0	0.0	0.0	
25	16.5	27.9	22.1	73.2	18.912	16.6	0.0	0.0	0.0	
26	18.0	28.5	21.8	79.2	20.411	17.8	0.0	0.0	0.0	
27	15.0	28.0	20.3	79.5	18.706	16.4	0.6	7.5	8.1	
28	13.5	27.5	20.3	76.9	17.750	15.6	0.0	0.0	0.0	
29	13.8	30.0	21.7	63.8	15.319	13.3	0.0	0.0	0.0	
30	13.8	31.4	21.9	66.3	15.614	13.4	0.0	0.0	0.0	
31	12.8	30.9	22.0	76.4	19.360	16.7	0.0	0.0	0.0	
PROM.	13.4	28.5	21.0	75.9	18.228	15.8	5.9	8.0	13.9	

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	14.3	30.5	20.8	74.8	18.010	15.8	0.0	0.0	0.0	
2	12.5	29.5	21.6	72.3	17.556	15.3	0.0	0.0	0.0	
3	12.8	31.5	21.1	64.9	14.562	12.5	0.0	0.0	0.0	
4	13.0	30.3	22.6	58.7	13.786	11.7	0.0	0.0	0.0	
5	10.5	29.8	19.6	70.8	15.262	13.0	0.0	0.0	0.0	
6	13.0	29.9	21.4	70.1	16.932	14.9	0.0	0.0	0.0	
7	13.3	30.8	21.7	73.6	18.302	16.0	0.0	0.0	0.0	
8	14.5	31.8	22.0	73.0	18.765	16.4	0.0	0.0	0.0	
9	15.5	30.5	22.5	70.1	18.215	16.0	0.0	0.0	0.0	
10	13.3	30.5	22.0	70.6	17.713	15.5	0.0	0.0	0.0	
11	11.6	31.9	23.2	67.2	17.386	15.1	0.0	0.0	0.0	10.5
12	13.0	31.3	22.8	70.6	18.161	15.9	0.0	0.0	0.0	
13	12.6	30.8	21.5	66.0	15.537	13.5	0.0	0.0	0.0	
14	14.2	29.9	22.0	67.1	17.004	14.8	0.0	0.0	0.0	
15	15.0	30.8	22.4	78.1	20.874	18.0	0.0	0.0	0.0	
16	15.0	31.9	21.4	75.4	18.891	16.5	4.2	0.0	4.2	
17	15.6	31.3	22.0	75.8	19.397	17.0	0.0	0.0	0.0	
18	14.6	30.8	21.9	76.2	19.511	16.9	0.0	0.0	0.0	7.0
19	14.5	32.0	22.5	73.9	19.433	16.9	0.0	0.0	0.0	
20	17.0	28.8	20.3	88.3	21.187	18.3	17.6	0.0	17.6	3.6
21	15.8	29.3	21.6	79.9	20.647	17.9	2.7	0.1	2.8	6.6
22	17.1	28.3	21.8	79.1	20.530	17.9	20.2	37.8	58.0	
23							5.5	3.3	8.8	
24							0.0	0.0	0.0	
25							0.0	0.0	0.0	3.3
26							1.4	0.0	1.4	6.1
27							0.0	0.0	0.0	
28							0.0	0.0	0.0	
PROM.							51.6	41.2	92.8	

ESTACION: PUEBLO BELLO

MUNICIPIO: PUEBLO BELLOAÑO:

1.981

ALTITUD: 1.000

LATITUD: 10-22 N.

LONGITUD: 73-38 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1							0.0	0.0	0.0	
2							0.3	0.0	0.3	
3	17.0	30.0	23.0	76.3	21.180	18.3	0.0	0.0	0.0	
4	16.0	32.0	23.5	72.8	20.441	17.8	0.0	0.0	0.0	
5	18.0	30.0	22.2	77.4	20.982	18.2	7.0	0.0	7.0	
6	18.4	26.3	22.1	77.6	20.326	17.7	0.0	0.0	0.0	4.2
7	16.8	28.6	21.0	77.5	19.256	16.9	38.4	0.0	38.4	5.2
8	15.0	29.3	22.4	75.9	20.498	17.8	0.0	0.0	0.0	7.4
9	18.0	27.8	22.0	77.0	20.493	17.9	0.0	0.0	0.0	4.9
10	16.1	28.8	22.7	73.8	20.070	17.5	0.0	0.0	0.0	
11	15.6	28.8	21.1	76.7	18.789	16.5	0.0	0.0	0.0	6.9
12	13.3	28.5	22.5	76.4	20.535	17.9	0.0	0.0	0.0	9.9
13	13.6	28.1	21.6	75.0	18.965	16.4	0.0	0.0	0.0	0.9
14	17.3	28.1	22.2	74.7	19.794	17.3	0.0	0.0	0.0	7.0
15	18.2	27.3	22.0	73.5	19.458	17.1	0.0	0.0	0.0	
16	15.3	28.3	22.0	76.5	19.733	17.2	0.0	0.0	0.0	5.0
17	17.0	28.8	22.7	75.8	20.743	18.1	0.0	0.0	0.0	5.2
18	16.5	27.6	22.1	80.6	21.299	18.4	0.9	2.1	3.0	6.0
19	19.0	28.1	23.0	80.2	22.238	19.1	0.5	0.0	0.5	4.5
20	16.3	27.2	22.6	77.8	20.961	18.2	0.0	0.0	0.0	8.8
21	17.4	27.8	22.7	75.1	20.361	17.8	0.0	0.0	0.0	
22	14.6	29.0	21.4	74.8	18.563	16.2	0.2	0.0	0.2	4.9
23	17.0	27.5	22.3	80.7	21.910	19.0	0.0	0.1	0.1	4.4
24	16.5	29.4	22.4	74.2	19.176	16.6	0.0	0.0	0.0	7.9
25	14.8	29.0	22.6	71.9	19.068	16.7	0.0	0.0	0.0	7.7
26	14.5	29.3	21.8	66.3	16.926	14.7	0.0	0.0	0.0	9.4
27	14.6	30.5	22.2	70.4	18.320	16.0	0.0	0.0	0.0	9.9
28	13.6	30.0	23.2	65.0	18.371	15.5	0.0	0.0	0.0	9.3
29	14.6	30.9	24.0	70.3	19.922	17.3	0.0	0.0	0.0	9.2
30	14.0	29.5	23.2	70.9	19.403	17.0	0.0	0.0	0.0	9.1
31	13.0	30.3	22.1	73.1	18.811	16.4	0.0	0.0	0.0	9.3
PROM.	15.9	28.9	22.4	74.8	19.882	17.3	47.3	2.2	49.5	

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	13.6	32.0	23.6	66.8	18.599	16.2	0.0	0.0	0.0	9.6
2	15.5	31.5	23.0	71.9	19.678	17.1	0.0	0.0	0.0	8.1
3	17.0	30.0	22.2	77.5	20.611	17.9	0.5	0.0	0.5	6.9
4	15.6	29.9	20.0	79.9	18.636	16.4	0.0	0.0	0.0	
5	16.5	29.2	23.2	77.9	21.644	18.6	2.5	2.2	4.7	
6	14.6	29.5	22.1	73.2	19.095	16.7	0.0	0.0	0.0	7.8
7	14.6	29.0	21.7	69.9	17.923	15.7	0.0	0.0	0.0	5.4
8	16.0	29.0	22.9	67.7	18.594	16.3	0.0	0.0	0.0	4.9
9	15.6	30.2	23.2	76.4	21.112	18.2	0.0	0.0	0.0	9.1
10	14.6	31.6	23.3	66.3	18.299	16.1	0.0	0.0	0.0	8.4
11	14.5	31.0	24.5	57.6	17.513	15.2	0.0	0.0	0.0	3.3
12	16.1	31.6	22.7	74.9	20.380	17.8	0.0	0.0	0.0	2.4
13	18.0	28.0	20.9	81.7	20.515	17.9	0.0	0.0	0.0	6.6
14	17.0	28.5	22.4	82.2	22.574	19.4	1.0	0.0	1.0	3.7
15	18.8	28.0	22.3	83.6	22.530	19.4	0.0	0.0	0.0	2.1
16	17.6	27.9	21.4	81.6	21.009	18.3	2.1	2.3	4.4	2.7
17	16.8	26.0	21.6	83.4	21.315	18.5	0.3	3.0	3.3	1.5
18	17.9	27.8	21.2	77.6	19.716	17.2	9.5	8.6	18.1	1.8
19	17.6	23.3	19.7	68.0	20.496	17.9	10.9	4.4	15.3	
20							1.3	0.0	1.3	1.3
21							0.4	0.0	0.4	1.6
22	17.6	24.8	19.7	87.7	20.254	17.7	31.4	10.1	41.5	
23	16.6	25.5	20.7	83.4	20.519	17.9	30.6	0.1	30.7	
24	16.5	26.4	21.5	84.3	21.792	18.9	12.1	0.0	12.1	4.5
25	18.6	29.8	23.9	77.3	22.752	19.6	0.0	0.0	0.0	7.1
26	17.6	29.0	19.7	90.6	20.721	18.1	50.2	2.5	52.7	2.3
27	18.6	26.0	22.4	82.9	22.346	19.3	0.0	4.6	4.6	1.8
28	18.5	22.0	19.5	89.7	20.311	17.8	27.1	0.0	27.1	0.0
29	17.4	26.0	20.2	87.5	20.806	18.1	2.8	1.1	3.9	4.8
30	17.6	24.5	20.7	85.3	20.893	18.2	2.7	0.3	3.0	2.8
PROM	16.7	28.1	21.8	78.8	20.380	17.7	185.4	59.2	224.6	

ESTACION: PUEBLO BELLO
 ALTITUD: 1.000

MUNICIPIO: PUEBLO BELLOAÑO: 1.981
 LATITUD: 10-22 N. LONGITUD: 73-38 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	26.5	21.5	85.2	21.768	18.9	1.6	17.8	19.4	2.4
2	17.5	25.5	21.3	83.5	21.239	18.4	1.3	0.0	1.3	6.8
3	18.5	23.5	20.3	83.5	19.709	17.2	9.1	0.0	9.1	
4	15.0	26.6	20.3	83.9	19.834	17.3	7.6	0.0	7.6	6.7
5	17.5	22.2	19.5	87.4	19.687	17.2	1.2	12.8	14.0	
6	16.6	26.3	20.7	80.9	19.400	17.0	1.0	0.0	1.0	3.1
7	18.6	26.5	20.9	83.4	20.954	18.2	0.2	0.0	0.2	3.9
8	17.5	27.0	20.9	79.4	19.746	17.3	1.5	6.9	8.4	3.4
9	16.6	22.0	19.1	83.9	18.431	16.2	10.2	0.8	11.0	0.8
10	16.5	27.0	20.6	83.9	20.568	17.9	26.1	9.6	35.7	5.1
11	17.6	27.0	20.5	85.7	20.845	18.1	29.0	0.0	29.0	6.1
12	15.0	27.3	21.1	85.6	21.536	18.6	26.0	0.8	26.8	7.5
13	17.3	28.0	22.3	80.3	21.381	18.6	1.0	0.3	1.3	8.4
14	17.5	28.0	21.5	81.8	21.287	18.5	0.7	4.4	5.1	4.9
15	17.6	27.6	22.5	81.7	22.442	19.3	0.0	0.0	0.0	5.8
16	18.0	28.3	23.2	82.6	23.479	20.0	0.0	16.2	16.2	4.9
17	17.5	28.8	22.6	79.6	21.882	18.9	7.8	1.0	8.8	7.2
18	18.0	27.0	20.6	81.6	21.003	18.3	1.1	0.0	1.1	5.0
19	16.9	27.8	20.4	86.9	21.144	18.2	30.9	0.1	31.0	5.9
20	14.5	30.0	23.1	79.4	21.779	18.7	0.0	0.0	0.0	10.6
21	17.0	30.0	22.6	79.7	22.012	18.9	0.0	0.0	0.0	
22	17.5	29.0	22.1	85.4	22.666	19.5	6.0	0.0	6.0	1.7
23	16.6	27.3	21.2	84.3	21.505	18.6	3.1	0.0	3.1	2.6
24	17.0	26.3	21.8	80.1	20.897	18.1	0.0	3.2	3.2	2.3
25	17.2	27.0	20.1	84.9	20.615	17.9	59.4	0.0	59.4	2.9
26	13.8	27.3	21.6	83.6	21.344	18.5	0.0	0.0	0.0	7.6
27	16.5	28.0	20.9	85.0	21.097	18.3	17.2	8.9	26.1	4.5
28	15.5	28.0	20.8	84.9	21.013	18.2	12.6	45.9	58.5	7.7
29	18.5	26.6	21.0	84.0	21.165	18.4	1.4	0.0	1.4	1.3
30	17.0	25.1	20.3	84.0	19.907	17.4	4.6	0.0	4.6	0.3
31	16.5	26.1	20.6	83.4	20.302	17.7	0.1	0.0	0.1	0.7
PROM.	16.9	26.9	21.2	83.2	20.988	18.2	260.7	128.7	389.4	

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	25.3	20.4	79.7	19.295	17.0	16.6	0.0	16.6	1.3
2	17.4	26.5	21.0	83.2	21.054	18.3	0.0	8.5	8.5	4.5
3	18.0	28.0	22.2	77.7	20.476	17.9	0.0	0.0	0.0	5.3
4	17.3	27.5	21.8	83.8	22.101	19.1	0.0	0.0	0.0	9.6
5	17.3	29.0	21.7	82.0	21.528	18.7	3.3	2.7	6.0	3.6
6	17.3	28.0	20.9	85.8	21.780	18.8	19.7	5.8	25.5	
7	16.6	27.3	21.1	80.8	20.082	17.5	0.0	8.5	8.5	4.5
8	18.0	24.4	20.2	80.7	18.993	16.6	0.0	0.0	0.0	0.2
9	17.5	26.5	21.6	82.6	21.541	18.7	0.0	7.0	7.0	1.5
10	17.0	27.3	21.7	83.1	21.734	18.8	50.3	12.3	62.6	3.5
11	16.6	28.0	21.7	84.2	21.737	18.6	0.0	0.0	0.0	7.9
12	17.5	27.3	21.4	82.0	21.212	18.4	10.3	4.6	14.9	4.4
13	16.6	26.5	20.2	84.6	20.386	17.8	13.9	0.0	13.9	3.1
14	16.5	26.9	22.2	85.4	22.473	19.3	0.0	0.0	0.0	8.0
15	15.6	28.0	21.7	85.0	22.483	19.3	1.2	0.0	1.2	1.5
16	17.0	26.3	20.9	78.4	19.206	16.8	0.0	14.5	14.5	5.6
17	16.0	28.5	21.4	79.2	20.075	17.5	0.0	0.0	0.0	
18	18.0	25.0	20.9	80.7	19.712	17.2	0.0	0.0	0.0	
19	17.5	28.0	21.7	85.5	22.295	19.2	0.0	0.0	0.0	7.7
20	18.0	26.6	22.0	82.5	21.992	19.0	8.5	0.0	8.5	
21	16.8	27.0	22.4	79.1	21.647	18.8	7.5	0.0	7.5	6.9
22	18.0	27.5	21.0	84.0	21.260	18.4	1.4	6.2	7.6	7.6
23	15.0	27.5	20.6	76.5	18.884	16.6	0.0	2.9	2.9	6.7
24	15.6	26.8	20.5	79.4	18.950	16.6	0.0	0.0	0.0	
25	17.3	25.4	21.4	85.5	21.422	18.5	0.0	56.8	56.8	
26	14.5	28.6	21.7	82.0	21.147	18.3	6.9	0.4	7.3	6.6
27	17.5	28.5	22.6	81.5	22.082	19.1	0.0	0.1	0.1	9.4
28	17.5	29.0	23.1	81.5	22.771	19.5	0.0	0.0	0.0	6.4
29	18.5	26.3	21.9	83.5	22.067	19.1	0.0	11.6	11.6	4.4
30	18.0	23.0	19.5	86.7	19.825	17.4	4.0	0.0	4.0	0.4
PROM.	17.1	27.0	21.4	82.2	21.007	18.2	143.6	141.9	285.5	

ESTACION: PUEBLO BELLO
 ALTITUD: 1.000

MUNICIPIO: PUEBLO BELLO
 LATITUD: 10-22 N. LONGITUD: 73-38 W. 1.961

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	26.0	21.4	84.6	21.378	18.5	0.4	0.0	0.4	8.7
2	16.5	27.0	21.3	82.8	20.772	18.1	0.0	0.0	0.0	9.5
3	14.8	28.3	21.6	80.5	20.260	17.7	0.0	0.0	0.0	8.6
4	14.8	27.8	20.5	82.2	20.000	17.4	0.0	0.0	0.0	3.0
5	17.0	26.0	21.1	84.9	21.162	18.4	0.0	0.0	0.0	2.5
6	16.5	26.3	20.7	86.3	21.228	18.4	0.0	0.0	0.0	7.8
7	16.0	28.0	21.6	83.2	21.230	18.4	0.0	0.0	0.0	7.5
8	14.5	28.5	21.7	77.5	19.911	17.4	0.0	0.0	0.0	9.0
9	15.5	27.4	22.0	80.8	21.239	18.3	1.2	3.9	5.1	8.8
10	18.0	26.3	21.9	83.7	21.788	18.8	0.0	0.0	0.0	
11	17.0	28.0	22.5	80.1	21.295	18.4	0.8	0.8	1.6	6.4
12	16.5	27.1	21.9	83.6	21.860	18.8	1.3	0.0	1.3	7.6
13	14.8	27.5	21.1	81.4	20.059	17.5	0.0	0.0	0.0	8.2
14	15.6	27.1	21.6	82.9	21.335	18.5	0.0	0.0	0.0	7.9
15	19.0	27.0	22.7	84.9	23.390	20.0	0.0	0.6	0.6	4.0
16	17.8	28.0	22.4	85.6	22.979	19.7	0.0	2.6	2.6	
17	18.0	23.5	20.1	87.8	20.570	17.9	4.1	0.0	4.1	10.0
18	17.1	26.3	20.1	85.6	21.011	18.2	41.1	0.0	41.1	6.6
19	15.1	27.1	21.5	83.5	20.846	18.1	0.0	0.0	0.0	6.7
20	14.6	27.0	20.5	85.5	20.702	18.0	40.8	3.0	43.8	6.3
21	16.5	28.5	21.7	77.8	19.793	17.3	0.0	0.0	0.0	5.4
22	16.0	27.5	20.3	86.2	20.812	18.1	5.2	0.0	5.2	5.8
23	14.5	28.2	21.8	81.1	20.929	18.2	0.0	0.0	0.0	8.8
24	15.5	29.0	20.9	80.1	19.781	17.3	0.0	0.0	0.0	8.8
25	14.5	28.5	21.4	86.4	22.213	19.1	30.0	0.0	30.0	6.3
26	14.0	28.4	21.8	78.0	19.358	17.1	0.0	0.0	0.0	6.6
27	14.6	27.0	21.4	81.1	20.443	17.8	0.0	0.0	0.0	8.1
28	15.5	29.0	21.6	78.5	20.047	17.5	0.0	0.0	0.0	8.0
29	15.5	27.3	21.3	70.1	17.138	14.6	0.0	0.0	0.0	8.4
30	14.5	28.0	21.2	68.7	15.816	13.1	0.0	0.0	0.0	
31	15.0	28.6	21.5	78.7	19.580	17.1	0.0	0.0	0.0	
PROM.	15.9	27.4	21.4	81.7	20.618	17.9	124.9	10.9	135.8	

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	16.0	29.0	22.2	78.4	20.924	18.2	0.0	0.0	0.0	5.1
2	14.6	28.5	21.4	82.9	20.778	18.0	0.0	0.0	0.0	8.4
3	16.3	25.4	20.9	78.3	19.137	16.8	0.0	0.0	0.0	3.6
4	14.0	29.0	22.1	74.6	20.116	17.6	0.0	0.0	0.0	7.5
5	16.1	28.8	21.8	81.2	21.514	18.6	0.0	0.0	0.0	6.9
6	17.3	28.0	21.9	77.8	20.098	17.5	0.0	0.0	0.0	7.8
7	16.1	28.3	21.8	81.5	20.876	18.1	0.0	0.0	0.0	8.5
8	15.9	28.2	21.9	75.3	19.632	17.2	0.0	0.0	0.0	10.0
9	14.6	30.0	22.3	77.3	20.444	17.8	0.0	29.9	29.9	7.1
10	15.4	28.3	21.5	79.5	20.453	17.8	0.0	0.0	0.0	8.8
11	16.0	28.0	21.6	82.8	21.543	18.7	11.3	19.4	30.7	6.5
12	17.4	26.0	20.3	87.5	21.282	18.5	17.7	11.2	28.9	4.1
13	15.0	27.4	20.8	86.7	21.889	18.9	69.9	57.6	127.5	6.6
14	16.8	27.3	22.2	82.7	21.720	18.7	0.8	0.0	0.8	2.7
15	14.6	27.5	21.3	83.6	21.195	18.3	9.6	1.0	10.6	5.6
16	15.4	28.3	22.3	80.5	21.553	18.7	6.5	1.0	7.5	
17	17.0	26.8	21.6	80.2	20.837	18.2	18.6	1.3	19.9	
18	16.3	25.3	20.0	84.1	20.001	17.5	7.9	0.0	7.9	
19	14.6	26.6	20.5	77.5	18.492	16.3	0.0	0.0	0.0	1.6
20	14.0	28.0	21.0	80.4	20.339	17.8	31.6	1.5	33.1	3.1
21	14.6	27.0	20.3	83.6	20.540	17.9	39.5	0.5	40.0	5.2
22	16.0	24.5	20.3	81.3	19.123	16.7	0.1	1.2	1.3	
23	17.0	25.5	20.2	83.4	20.097	17.5	3.2	2.5	5.7	
24	15.3	25.6	18.9	84.6	18.417	16.2	37.2	0.0	37.2	
25	17.0	27.0	21.5	82.8	20.893	18.1	0.0	7.4	7.4	
26	17.0	24.0	21.5	84.9	21.585	18.7	0.0	0.0	0.0	
27	17.0	28.0	21.8	77.5	20.068	17.5	0.0	0.0	0.0	
28	14.5	27.0	22.2	82.8	21.610	18.7	0.0	0.0	0.0	
29	16.0	27.2	22.6	77.7	20.980	18.2	0.4	2.6	3.0	
30	17.0	27.2	21.7	79.5	20.560	17.9	0.0	2.9	2.9	
31	16.3	24.6	20.5	85.6	20.667	18.0	0.0	0.0	0.0	6.8
PROM.	15.8	27.2	21.3	81.2	20.560	17.9	254.3	140.0	394.3	

ESTACION: PUEBLO BELLO
 ALTITUD: 1.000

MUNICIPIO: PUEBLO BELLOAÑO: 1.981
 LATITUD: 10-22 N. LONGITUD: 73-38 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	16.0	21.5	18.5	94.8	20.520	17.9	62.6	0.0	62.6	
2	15.3	27.0	20.7	87.9	21.839	18.8	2.2	2.8	5.0	6.8
3	16.9	27.0	20.6	82.0	19.865	17.4	22.7	0.0	22.7	7.1
4	15.3	27.2	21.1	83.8	21.105	18.3	1.1	28.2	29.3	
5	17.2	27.9	21.4	84.5	21.738	18.8	5.6	0.0	5.6	4.9
6	15.5	26.6	21.0	77.6	19.750	17.3	0.0	0.0	0.0	
7	15.3	27.0	20.1	83.8	20.423	17.7	0.0	0.0	0.0	7.8
8	15.3	26.8	20.2	82.9	19.705	17.2	79.0	0.0	79.0	3.4
9	16.1	26.6	20.3	85.1	20.333	17.7	0.0	0.0	0.0	5.5
10	16.6	27.5	21.1	85.6	21.727	18.8	0.0	0.0	0.0	6.2
11	15.5	23.6	20.4	87.1	20.899	18.1	0.4	0.0	0.4	0.4
12	15.2	26.8	19.9	88.3	20.926	18.1	3.5	0.0	3.5	5.2
13	15.5	28.0	20.6	86.2	21.149	18.4	4.3	4.4	8.7	5.9
14	16.5	27.0	20.8	83.8	20.561	17.9	0.0	0.0	0.0	7.6
15	16.6	27.3	21.7	85.3	22.290	19.2	0.0	0.0	0.0	
16	16.6	26.5	20.7	87.9	21.691	18.7	0.2	0.7	0.9	5.9
17	16.9	29.0	21.7	82.0	21.734	18.8	0.0	0.0	0.0	10.2
18	17.9	29.0	21.0	85.5	21.534	18.7	64.4	0.0	64.4	7.9
19	16.9	28.0	22.2	83.2	22.173	19.1	0.0	25.5	25.5	7.4
20	16.5	26.8	22.6	81.0	22.174	19.1	0.0	0.0	0.0	7.5
21	15.4	26.0	22.3	81.4	21.667	18.7	0.0	0.0	0.0	7.7
22	15.0	30.5	21.7	78.3	20.080	17.4	0.0	0.0	0.0	7.7
23	15.5	29.5	22.5	79.1	21.991	19.0	0.0	0.0	0.0	8.2
24	16.5	29.9	21.6	77.6	20.024	17.5	0.0	0.0	0.0	6.2
25	15.0	28.0	20.9	82.3	20.248	17.7	1.4	0.0	1.4	5.9
26	15.5	27.5	20.3	88.9	21.449	18.6	10.5	0.0	10.5	4.9
27	15.5	28.8	21.8	81.9	21.119	18.3	2.8	0.0	2.8	8.4
28	18.0	27.5	22.4	82.6	22.324	19.2	0.0	0.0	0.0	
29	17.0	28.0	21.4	81.6	20.768	18.1	0.0	0.0	0.0	6.7
30	16.0	30.0	20.6	81.0	20.491	17.8	0.0	0.0	0.0	8.2
PROM.	16.0	27.4	21.1	83.8	21.077	18.3	260.7	61.6	322.3	

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	17.0	28.2	23.0	81.1	22.679	19.5	0.0	0.0	0.0	8.0
2	18.3	28.5	23.3	82.5	23.570	20.1	0.0	1.4	1.4	7.1
3	18.2	29.0	23.5	79.9	22.953	19.7	0.0	10.3	10.3	8.8
4	17.0	26.5	21.6	87.4	22.886	19.6	4.5	3.0	7.5	5.7
5	17.4	28.0	22.6	85.2	23.057	19.7	0.0	0.0	0.0	9.1
6	19.0	28.5	21.7	78.7	20.730	18.0	0.0	0.0	0.0	7.7
7	14.5	28.0	21.2	85.8	21.492	18.5	19.0	0.0	19.0	7.7
8	16.5	28.6	21.7	86.2	22.882	19.7	0.0	3.3	3.3	6.9
9	18.5	25.5	21.3	88.1	22.406	19.3	0.0	0.0	0.0	0.6
10	17.5	27.3	20.9	85.8	22.000	19.0	60.7	0.0	60.7	4.0
11	14.5	27.5	21.2	84.9	21.541	18.6	0.1	3.5	3.6	8.4
12	15.5	26.5	20.9	83.8	20.634	17.9	0.1	11.7	11.8	8.4
13	17.0	26.0	21.2	87.2	21.758	18.8	0.1	14.8	14.9	4.3
14	16.6	27.0	20.3	87.7	21.001	18.2	20.6	2.3	22.9	8.1
15	17.0	25.6	20.3	85.1	20.668	18.0	0.0	0.0	0.0	8.4
16	17.5	27.0	21.4	84.4	21.419	18.6	10.6	0.0	10.6	8.8
17	16.0	27.5	21.0	86.7	21.878	18.9	3.1	0.0	3.1	9.7
18	16.5	28.5	19.8	88.3	20.758	18.1	20.6	4.9	25.5	9.5
19	18.0	26.5	21.1	88.5	22.384	19.3	3.7	26.1	34.8	8.3
20	17.3	26.5	20.1	89.3	21.001	18.3	2.5	1.3	3.8	6.6
21	16.0	26.8	20.3	92.3	21.685	18.8	11.9	0.3	12.2	5.2
22	16.5	26.6	19.1	94.5	20.934	18.2	3.9	0.8	4.7	4.8
23	16.3	26.6	20.3	87.0	21.196	18.4	10.8	0.8	11.6	3.7
24	16.2	26.0	21.0	90.5	22.441	19.3	0.0	0.0	0.0	1.8
25	14.8	26.0	20.1	87.7	20.605	18.0	1.2	0.0	1.2	3.7
26	15.0	28.4	21.7	77.2	19.389	16.8	0.0	21.8	21.8	8.3
27	16.0	27.0	22.1	84.8	22.143	19.0	1.6	0.4	2.0	5.9
28	15.0	26.0	19.7	90.3	20.587	17.9	0.0	0.0	0.0	4.1
29	14.0	26.0	20.4	86.8	20.391	17.7	0.0	0.0	0.0	7.7
30	15.6	28.5	21.6	85.5	21.837	18.8	0.0	3.4	3.4	4.9
31	18.4	26.0	20.2	89.9	21.349	18.6	4.1	0.7	4.8	5.5
PROM.	16.6	27.1	21.1	86.2	21.621	18.7	189.1	110.8	299.9	197.7

ESTACION: PUEBLO BELLO
 ALTITUD: 1.000

MUNICIPIO: PUEBLO BELLOAÑO: 1.961
 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	26.5	20.3	86.4	20.942	18.2	0.9	0.0	0.9	6.5
2	15.3	28.1	20.9	83.5	20.685	18.0	0.0	0.0	0.0	7.3
3	15.5	28.1	20.1	86.7	21.249	18.3	1.7	0.0	1.7	5.5
4	15.0	28.5	20.3	86.2	20.398	17.8	0.0	0.0	0.0	6.3
5	16.5	28.1	20.6	83.2	20.430	17.8	0.0	0.0	0.0	7.0
6	16.5	28.0	21.2	87.1	22.310	19.2	0.0	22.0	22.0	7.5
7	16.5	28.0	21.1	86.7	22.406	19.3	6.4	0.1	6.5	7.2
8	18.0	26.6	22.5	86.3	23.251	19.8	0.0	0.0	0.0	8.2
9	16.6	26.5	22.2	86.2	22.790	19.5	0.0	0.0	0.0	6.7
10	15.5	26.0	20.3	86.9	21.133	18.4	3.1	0.8	3.9	3.0
11	18.0	26.6	20.8	87.5	22.124	19.1	17.9	0.0	17.9	4.5
12	16.0	27.0	20.8	84.9	20.693	18.0	2.4	13.1	15.5	6.5
13	17.4	26.0	20.0	89.1	20.732	18.0	0.5	0.0	0.5	6.0
14	15.7	26.0	19.3	87.8	19.991	17.5	0.0	0.0	0.0	6.1
15	16.5	28.5	22.0	86.3	22.650	19.4	7.0	0.0	7.0	5.0
16	17.3	26.4	20.4	85.0	20.722	18.0	19.9	0.4	20.3	5.9
17	15.4	28.0	20.1	85.1	20.414	17.8	29.5	0.0	29.5	6.5
18	15.0	27.8	21.3	83.6	21.043	18.3	0.0	0.0	0.0	8.7
19	14.4	28.2	21.6	80.6	20.685	18.0	0.0	0.0	0.0	8.5
20	15.6	28.2	21.6	82.4	20.899	18.1	0.0	0.0	0.0	2.0
21	16.0	28.0	20.6	84.6	20.743	18.1	42.8	16.1	58.9	3.1
22	18.3	27.5	20.2	84.5	20.520	17.9	17.7	0.0	17.7	5.9
23	18.2	28.5	21.0	86.7	22.365	19.2	1.8	0.6	2.4	6.4
24	16.5	28.5	21.0	82.9	20.933	18.2	0.0	0.0	0.0	8.4
25	15.0	28.0	20.2	81.2	19.723	17.2	0.0	0.0	0.0	8.5
26	15.0	28.5	20.8	83.8	20.607	17.9	0.0	0.5	0.5	7.5
27	17.0	28.5	20.2	79.3	18.748	16.4	0.0	0.0	0.0	8.4
28	17.0	28.5	20.0	84.4	20.694	17.9	0.0	0.0	0.0	7.6
29	15.5	28.0	20.9	82.8	19.915	17.4	0.0	0.0	0.0	5.2
30	15.5	25.5	20.7	87.1	21.466	18.6	0.0	0.0	0.0	5.6
PROM.	16.2	27.6	20.8	85.0	21.041	18.2	151.6	53.6	205.2	192.0

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	26.3	20.1	89.0	21.170	18.3	0.0	0.0	0.0	
2	15.0	28.5	22.3	82.7	21.991	19.0	0.0	0.0	0.0	7.8
3	15.0	27.6	20.7	86.3	21.473	18.5	0.0	0.0	0.0	7.1
4	17.0	28.0	20.4	95.0	22.898	19.6	21.9	0.0	21.9	5.2
5	16.0	27.5	21.8	86.5	22.889	19.6	0.0	0.0	0.0	5.5
6	16.5	28.5	21.7	82.6	21.328	18.5	0.0	0.0	0.0	5.1
7	15.6	26.8	20.6	85.4	20.798	18.1	0.0	0.0	0.0	9.1
8	14.6	29.0	21.3	82.6	21.152	18.3	0.0	0.0	0.0	7.4
9	15.0	28.8	22.1	80.1	20.818	18.1	0.0	0.0	0.0	5.6
10	16.5	23.0	18.6	94.6	20.603	18.0	7.9	2.0	9.9	4.6
11	16.5	27.0	20.5	87.4	20.980	18.2	0.0	0.0	0.0	
12	16.5	27.0	21.0	86.0	21.356	18.5	0.0	0.0	0.0	7.4
13	15.4	26.2	19.4	88.9	20.114	17.5	0.0	0.1	0.1	4.5
14	15.0	28.2	21.3	86.3	21.821	18.8	3.0	0.0	3.0	7.5
15	16.0	28.0	21.0	83.6	21.041	18.2	0.0	0.0	0.0	4.6
16	14.0	28.5	20.1	77.8	18.340	16.0	0.0	0.0	0.0	4.5
17	13.5	28.5	20.1	80.6	18.659	16.3	0.0	0.0	0.0	7.1
18	13.5	28.0	20.3	79.0	18.583	16.3	0.0	0.0	0.0	
19	14.5	28.0	20.8	80.8	19.707	17.2	0.0	0.0	0.0	
20	15.5	26.8	21.3	81.6	20.541	17.9	0.0	0.0	0.0	6.5
21	16.0	25.0	20.5	83.9	20.117	17.6	0.0	0.0	0.0	8.0
22	14.5	26.8	20.4	82.9	19.482	17.1	0.0	0.0	0.0	
23	12.0	28.0	19.6	80.1	17.839	15.6	0.0	0.0	0.0	8.0
24	12.5	28.5	20.1	78.6	18.090	15.9	0.0	0.0	0.0	9.7
25	14.0	28.5	20.6	79.1	18.842	16.5	0.0	0.0	0.0	
26	14.6	28.5	20.5	83.9	19.892	17.4	0.0	0.0	0.0	
27	15.0	29.6	22.1	83.3	21.666	18.7	0.0	0.6	0.6	7.0
28	16.0	29.8	20.7	84.8	20.868	18.2	13.8	0.0	13.8	9.0
29	14.5	29.0	19.3	86.6	19.485	17.0	2.4	0.0	2.4	8.9
30	14.0	27.0	18.9	86.1	19.138	16.8	23.7	0.0	23.7	4.6
31	14.5	27.3	19.8	87.5	20.489	17.8	8.0	0.0	8.0	5.5
PROM.	15.0	27.7	20.6	84.3	20.393	17.7	80.7	2.7	83.4	

ESTACION: PUEBLO BELLO

MUNICIPIO PUEBLO BELLO

AÑO: 1.981

ALTITUD: 1.000

LATITUD: 10-22 N.

LONGITUD: 73-38 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días llovias	
ENERO	13.4	28.5	21.0	10.5	31.4	75.9	18.228	15.8	13.9	2	
FEBRERO									92.8	6	
MARZO	15.9	28.9	22.4	13.0	32.0	74.8	19.882	17.3	49.5	7	
ABRIL	16.7	28.1	21.8	13.8	32.0	78.3	20.380	17.7	224.6	17	
MAYO	16.9	26.9	21.2	13.8	30.0	83.2	20.986	18.2	389.4	27	
JUNIO	17.1	27.0	21.4	14.5	29.0	82.2	21.007	18.2	285.5	20	
JULIO	15.9	27.4	21.4	14.0	29.0	81.7	20.618	17.9	135.8	11	
AGOSTO	15.8	27.2	21.3	14.0	30.0	81.2	20.560	17.9	394.3	17	
SEPTIEMBRE	16.0	27.4	21.1	15.0	30.5	83.8	21.077	18.3	322.3	15	
OCTUBRE	16.6	27.1	21.1	14.0	29.0	86.2	21.621	18.7	299.9	23	197.7
NOVIEMBRE	16.2	27.6	20.8	14.4	28.5	85.0	21.041	18.2	205.2	15	192.0
DICIEMBRE	15.0	27.7	20.6	12.0	29.8	84.3	20.393	17.7	83.4	9	
PROMEDIO				13.3	30.3						
TOTAL									2496.6	169	

ESTACION: MONTELIBANO
 ALTITUD: 1.340

MUNICIPIO: YACOPI
 LATITUD: 5-28 N.

AÑO: 1.981
 LONGITUD: 74-22 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	20.3	17.8	97.0	19.723	17.3	0.0	0.0	0.0	3.9
2	15.4	22.0	18.7	89.4	19.230	16.9	0.0	0.0	0.0	2.0
3	15.5	23.1	19.5	84.9	18.956	16.6	0.0	0.0	0.0	5.0
4	16.0	24.2	20.2	85.3	19.413	16.9	0.0	0.0	0.0	7.5
5	16.5	24.0	19.5	84.8	19.150	16.8	0.0	0.0	0.0	6.2
6	16.6	24.3	19.7	84.1	19.190	16.8	0.6	0.0	0.6	3.5
7	16.5	24.2	20.2	88.9	21.002	18.3	0.0	12.3	12.3	4.8
8	15.6	24.8	19.4	84.6	18.965	16.7	0.0	0.0	0.0	5.9
9	16.0	23.5	20.3	84.8	19.974	17.4	0.0	0.0	0.0	3.4
10	15.5	24.0	20.1	82.5	18.970	16.6	0.0	0.0	0.0	7.2
11	16.0	23.0	19.8	86.9	20.135	17.6	0.0	13.7	13.7	5.9
12	15.0	21.0	19.0	87.5	18.956	16.6	0.0	4.5	4.5	7.7
13	15.0	18.0	17.3	97.0	19.020	16.7	1.4	0.0	1.4	0.4
14	14.0	21.0	17.8	88.7	17.657	15.4	0.0	0.0	0.0	2.2
15	15.4	22.0	19.2	84.0	18.411	16.1	0.0	0.0	0.0	5.6
16	15.6	23.3	19.3	85.9	18.982	16.6	0.0	0.0	0.0	5.7
17	15.5	22.5	19.8	85.7	19.478	17.0	0.0	2.1	2.1	8.0
18	16.6	22.5	19.6	84.4	19.117	16.7	0.0	0.0	0.0	7.5
19	15.6	22.5	19.8	81.5	18.639	16.3	0.0	0.0	0.0	8.2
20	15.0	24.0	19.5	81.3	18.180	16.0	0.0	0.0	0.0	8.4
21	15.0	23.2	20.0	78.8	17.929	15.7	0.0	0.0	0.0	8.9
22	15.5	23.0	19.2	82.0	18.101	15.9	0.0	0.0	0.0	8.8
23	14.6	23.6	19.8	78.2	17.601	15.4	0.0	0.0	0.0	8.9
24	15.6	22.7	19.9	84.5	19.277	16.9	0.0	0.0	0.0	5.6
25	16.4	23.0	19.7	81.1	18.605	16.3	0.0	0.0	0.0	8.7
26	15.5	21.0	19.4	85.4	19.036	16.7	0.0	0.0	0.0	7.2
27	15.5	24.0	20.3	78.7	18.274	16.0	0.0	25.0	25.0	7.5
28	16.0	23.0	19.5	84.6	19.143	16.8	0.0	6.0	6.0	5.4
29	15.4	22.4	18.4	94.1	19.616	17.2	0.6	0.0	0.6	2.2
30	15.5	24.1	20.2	84.4	19.543	17.1	0.0	1.4	1.4	5.3
31	15.5	22.4	19.5	85.0	19.154	16.7	0.0	0.2	0.2	3.4
PROM.	15.6	22.7	19.4	85.4	19.014	16.6	2.6	65.2	67.8	181.1

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	16.6	26.0	20.9	81.8	19.985	17.4	0.0	0.0	0.0	6.3
2	16.8	25.0	20.6	84.6	20.449	17.8	0.0	0.0	0.0	5.0
3	15.6	24.0	20.0	83.8	19.250	16.8	0.2	0.0	0.2	4.5
4	16.6	23.0	20.1	85.7	19.929	17.4	0.0	0.0	0.0	3.4
5	15.5	25.0	20.0	82.3	18.681	16.5	0.0	2.0	2.0	4.9
6	16.0	25.8	20.4	79.2	18.381	16.1	0.0	33.7	33.7	6.1
7	15.6	24.1	20.0	85.4	19.721	17.3	0.0	0.0	0.0	6.8
8	17.0	25.0	21.0	83.3	20.830	18.2	0.0	0.8	0.8	5.9
9	17.3	22.0	19.3	90.8	20.718	18.0	0.0	0.0	0.0	3.2
10	15.0	25.3	20.0	85.5	19.725	17.3	0.0	0.0	0.0	6.7
11	15.5	25.0	20.8	81.5	19.876	17.3	0.0	5.3	5.3	6.2
12	15.4	23.0	19.7	85.6	19.501	17.0	2.1	0.3	2.4	1.2
13	17.0	23.0	19.7	85.3	19.584	17.2	0.0	0.0	0.0	6.3
14	16.6	23.1	20.1	83.5	19.654	17.2	0.0	0.0	0.0	2.5
15	16.6	21.4	19.8	83.9	18.072	15.9	0.0	0.0	0.0	3.2
16	16.0	23.0	19.8	87.4	20.259	17.7	0.0	2.0	2.0	3.1
17	17.0	22.2	19.7	90.8	20.832	18.1	0.5	1.4	1.9	1.3
18	16.5	24.0	19.9	87.9	20.515	17.9	0.0	34.5	34.5	4.6
19	15.6	22.2	19.7	87.9	20.075	17.5	0.8	0.0	0.8	0.8
20	15.5	24.6	18.9	92.0	19.941	17.4	0.2	0.1	0.3	1.4
21	14.5	24.1	20.2	87.5	20.495	17.9	0.0	0.2	0.2	4.4
22	15.6	25.0	20.0	86.2	20.092	17.5	0.0	6.9	6.9	2.6
23	15.8	21.0	17.9	96.4	20.085	17.5	0.5	0.7	1.2	0.3
24	15.0	24.0	19.8	88.1	20.096	17.6	0.0	38.4	38.4	4.0
25	15.0	23.5	19.3	88.0	19.586	17.1	0.5	0.3	0.8	0.8
26	16.4	26.0	21.5	82.4	20.840	18.0	0.0	0.0	0.0	7.5
27	17.6	27.0	22.6	75.5	20.235	17.7	0.0	0.0	0.0	5.6
28	18.0	27.1	22.0	87.6	23.198	19.8	0.0	0.0	0.0	7.0
PROM	16.1	24.2	20.1	85.7	20.022	17.5	4.8	126.6	131.4	115.6

ESTACION: MONTELIBANO
 ALTITUD: 1.340

MUNICIPIO: YACOPI
 LATITUD: 5-28 N.

AÑO: 1.961
 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	16.5	29.0	22.7	75.5	20.210	17.5	0.0	0.0	0.0	8.7
2	19.3	28.0	23.3	75.9	21.113	18.2	0.0	0.0	0.0	5.2
3	16.5	28.0	22.0	72.9	18.711	16.4	0.0	0.0	0.0	6.8
4	16.6	28.2	23.3	71.5	19.887	17.4	0.0	0.0	0.0	6.0
5	16.0	28.2	19.4	91.3	21.426	18.6	26.3	19.6	45.9	5.8
6	15.6	24.1	20.4	78.6	18.513	16.3	0.1	20.6	20.7	2.4
7	15.4	23.0	20.0	88.9	20.657	18.0	0.5	16.0	16.5	3.3
8	15.0	25.0	20.3	87.2	20.908	18.2	0.0	1.9	1.9	2.2
9	17.1	24.4	20.0	93.8	22.169	19.1	2.1	18.4	20.5	2.8
10	15.6	24.1	20.1	88.2	20.763	18.1	0.1	0.2	0.3	2.6
11	16.5	26.0	21.0	84.2	20.918	18.2	0.0	0.4	0.4	4.6
12	17.0	25.0	20.3	86.5	20.952	18.2	0.0	0.0	0.0	3.2
13	15.5	27.0	21.3	79.6	19.633	17.1	0.0	26.2	26.2	5.5
14	16.6	24.8	19.8	90.1	20.913	18.2	0.0	0.0	0.0	3.5
15	16.0	25.0	19.9	88.5	20.491	17.9	0.0	0.0	0.0	8.1
16	16.6	25.0	20.8	84.1	20.747	18.1	0.0	0.0	0.0	8.5
17	16.9	25.3	20.5	82.1	19.532	17.0	0.2	0.0	0.2	6.1
18	16.9	25.3	20.8	83.9	20.403	17.8	0.0	0.0	0.0	5.9
19	16.5	26.0	20.8	81.5	19.706	17.2	0.0	0.0	0.0	4.9
20	16.5	25.3	20.8	74.8	18.045	15.8	0.0	0.0	0.0	8.0
21	16.8	26.0	21.0	79.3	19.702	17.2	0.0	0.0	0.0	7.9
22	15.8	25.3	20.6	81.0	19.496	17.1	0.0	0.0	0.0	5.0
23	17.3	26.0	20.9	71.6	17.515	15.3	0.0	0.0	0.0	7.5
24	16.5	24.3	20.0	72.3	16.623	14.4	0.0	0.0	0.0	8.2
25	16.5	25.5	20.3	77.9	18.372	16.1	0.0	4.5	4.5	5.7
26	15.6	26.0	19.5	84.5	19.046	16.7	0.0	0.0	0.0	3.8
27	16.5	26.0	20.3	83.3	19.789	17.3	0.0	0.3	0.3	5.4
28	16.8	26.3	21.3	77.1	18.944	16.5	0.0	0.0	0.0	6.0
29	17.3	26.2	20.3	84.9	20.607	17.9	5.0	14.8	19.8	5.7
30	15.0	25.0	20.4	82.0	19.288	16.9	0.1	1.8	1.9	7.7
31	15.0	25.0	20.5	80.7	19.155	16.7	0.0	0.0	0.0	6.6
PROM.	16.4	25.8	20.7	81.7	19.814	17.3	34.4	124.7	159.1	169.6

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	17.0	28.0	22.3	72.5	16.832	16.5	0.0	25.2	25.2	8.9
2	16.6	26.3	21.3	78.8	19.946	17.5	0.0	9.0	9.0	5.1
3	16.3	26.6	20.7	81.7	19.980	17.5	0.3	0.2	0.5	3.2
4	18.0	24.3	19.6	87.6	20.525	17.9	6.0	20.4	26.4	2.3
5	15.6	23.0	19.3	87.7	19.638	17.2	15.7	2.2	17.9	0.9
6	15.8	26.0	20.4	81.3	19.190	16.8	0.0	32.5	32.5	6.9
7	15.0	25.3	20.0	86.4	19.966	17.5	0.0	3.4	3.4	5.0
8	16.5	27.0	20.2	78.5	18.415	16.1	66.9	28.5	95.4	5.1
9	16.5	25.6	20.3	85.0	20.044	17.5	0.0	0.0	0.0	4.2
10	18.0	25.3	21.1	88.3	22.137	19.1	1.7	0.0	1.7	0.8
11	18.0	25.4	21.4	87.7	22.338	19.3	0.0	48.0	48.0	1.9
12	17.3	24.0	20.4	91.7	22.439	19.3	0.1	34.7	34.8	0.6
13	16.4	25.9	20.4	78.1	18.169	15.8	5.6	8.8	14.4	3.6
14	15.6	27.0	19.6	80.3	17.955	15.7	1.9	7.4	9.3	4.4
15	16.0	26.8	21.2	81.6	20.120	17.5	0.3	5.3	5.6	5.7
16	16.5	23.3	20.0	85.0	19.674	17.1	0.0	16.0	16.0	1.3
17	17.3	26.2	20.0	84.8	20.173	17.6	6.6	0.4	7.0	4.2
18	16.0	26.0	18.6	95.0	20.273	17.7	61.0	4.0	65.0	3.4
19	15.6	19.0	17.5	95.8	19.365	17.0	5.6	0.0	5.6	0.4
20	15.0	26.2	20.5	80.2	18.994	16.6	0.0	0.0	0.0	6.1
21	16.0	26.0	20.9	79.6	19.634	17.2	0.0	28.6	28.6	6.8
22	15.5	26.0	20.7	86.7	20.776	18.1	0.8	0.0	0.8	3.6
23	17.3	25.0	20.5	88.2	21.305	18.5	9.0	0.6	9.6	3.2
24	16.5	26.0	20.7	84.0	20.412	17.8	12.6	2.4	15.0	4.3
25	17.5	26.0	21.2	86.9	21.761	18.8	0.0	0.0	0.0	4.8
26	19.5	27.6	22.2	84.8	22.864	19.6	0.0	0.2	0.2	2.8
27	19.0	24.0	20.2	91.1	22.082	19.1	14.0	20.0	34.0	0.4
28	15.8	24.0	19.0	89.9	20.016	17.5	9.5	1.9	11.4	1.6
29	17.0	24.0	19.9	85.8	19.947	17.4	8.6	0.0	8.6	2.4
30	17.0	20.6	18.2	94.9	20.081	17.6	24.0	0.0	24.0	0.6
PROM.	16.7	25.2	20.3	85.3	20.235	17.6	250.2	299.7	549.9	104.6

ESTACION: MONTEL IBANO
 ALTITUD: 1.340

MUNICIPIO: YACOPI
 LATITUD: 5-28 N.

AÑO: 1.961
 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	15.5	25.6	20.0	81.5	19.003	16.7	0.0	1.9	1.9	4.5
2	16.0	26.1	20.6	79.8	19.041	16.6	0.5	4.9	5.4	8.5
3	15.6	24.0	18.8	85.6	18.492	16.2	7.4	0.0	7.4	4.5
4	16.5	26.2	19.7	80.0	18.751	16.5	7.9	3.1	11.0	4.5
5	17.0	24.0	19.1	86.7	19.405	17.0	9.1	10.3	19.4	2.5
6	15.6	28.0	20.7	78.1	18.567	16.3	0.2	6.2	6.4	6.3
7	17.0	25.0	20.0	82.3	19.346	17.0	0.6	12.5	13.1	1.6
8	16.0	26.3	20.6	80.8	18.971	16.6	0.3	15.5	15.8	5.7
9	16.0	21.0	18.5	90.8	19.522	17.1	0.4	0.0	0.4	0.2
10	16.5	26.0	19.9	81.0	19.094	16.8	22.5	0.0	22.5	4.9
11	16.5	25.0	20.5	80.7	19.395	17.0	0.0	22.5	22.5	8.0
12	16.0	25.0	19.7	82.5	20.269	17.7	0.2	4.7	4.9	3.9
13	16.0	25.8	20.2	82.1	19.709	17.3	2.5	3.3	5.8	5.1
14	16.0	26.2	19.7	84.4	19.249	16.8	0.0	0.0	0.0	3.5
15	16.5	26.3	20.2	80.4	19.465	17.1	29.6	1.1	30.7	5.8
16	17.0	24.4	20.2	86.1	20.297	17.7	0.8	0.0	0.8	2.0
17	17.5	26.1	20.5	87.7	21.143	18.4	4.2	35.4	39.6	4.2
18	16.0	25.0	19.9	86.4	20.005	17.5	0.0	0.0	0.0	1.1
19	18.0	25.6	21.0	86.9	21.832	18.9	0.4	0.0	0.4	7.1
20	17.3	29.1	22.9	75.1	20.720	18.1	0.0	0.0	0.0	11.4
21	19.5	29.0	23.1	66.1	18.397	15.8	0.0	0.0	0.0	7.0
22	18.0	27.0	22.1	80.1	21.366	18.5	2.2	3.3	5.5	7.5
23	17.5	26.1	21.0	87.3	21.935	19.0	9.4	0.0	9.4	4.3
24	17.5	26.3	20.0	88.7	21.110	18.4	15.6	1.5	17.1	3.6
25	17.5	23.0	19.3	88.7	20.162	17.6	14.4	3.1	17.5	2.3
26	15.6	27.1	21.1	82.5	20.616	18.0	0.0	15.5	15.5	5.1
27	15.5	24.8	20.1	85.6	20.100	17.6	0.0	1.3	1.3	0.5
28	17.0	26.0	20.3	80.4	19.496	17.1	17.0	5.7	22.7	6.3
29	16.0	25.3	20.2	82.8	19.263	16.8	3.9	0.0	3.9	4.8
30	16.5	26.3	19.8	83.8	19.536	17.1	43.0	0.0	43.0	5.3
31	16.5	26.1	20.2	87.4	20.492	17.9	1.3	14.8	16.1	3.7
PROM.	16.6	25.7	20.3	83.2	19.831	17.3	193.4	166.6	360.0	145.7

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	16.0	26.0	19.9	82.4	19.190	16.8	0.0	20.2	20.2	4.1
2	15.0	25.3	19.2	87.1	19.497	17.1	0.0	0.0	0.0	1.7
3	16.5	26.3	20.9	84.8	20.913	18.2	0.0	16.4	16.4	6.8
4	16.5	26.3	21.3	77.0	19.064	16.6	0.0	0.0	0.0	6.6
5	18.0	28.3	22.1	85.5	22.802	19.6	0.0	0.3	0.3	8.3
6	16.5	26.1	21.4	83.2	21.240	18.4	0.0	5.0	5.0	3.5
7	16.5	23.8	20.5	85.5	21.040	18.3	2.7	4.3	7.0	1.1
8	16.5	25.0	19.2	88.6	20.222	17.7	16.3	0.0	16.3	2.8
9	15.5	23.3	19.5	86.0	19.519	17.1	0.0	0.0	0.0	1.8
10	16.5	24.8	20.1	87.2	20.672	18.0	0.0	15.4	15.4	3.5
11	17.0	26.0	20.0	88.6	20.943	18.2	1.7	0.5	2.2	4.5
12	17.0	25.0	20.3	89.5	21.303	18.5	0.0	0.1	0.1	2.9
13	17.0	24.8	19.8	88.2	20.514	17.9	7.7	0.0	7.7	3.2
14	16.8	27.0	22.2	81.8	21.929	18.9	0.0	0.0	0.0	8.4
15	17.5	27.0	20.8	76.8	18.594	16.2	21.0	3.0	24.0	6.8
16	16.0	25.6	20.2	81.5	19.177	16.8	0.0	25.0	25.0	5.9
17	16.5	26.3	19.9	84.7	19.879	17.4	0.6	0.7	1.3	6.9
18	16.5	25.0	17.6	94.0	19.099	16.7	24.4	0.0	24.4	1.7
19	16.0	24.0	19.1	88.9	19.767	17.3	1.5	0.0	1.5	4.4
20	16.6	25.3	20.5	84.0	20.307	17.7	0.5	1.0	1.5	6.1
21	16.8	25.3	20.3	83.8	20.225	17.7	0.0	0.9	0.9	7.0
22	16.5	25.0	19.3	85.2	19.498	17.1	8.3	0.0	8.3	5.0
23	16.5	25.8	20.0	76.3	17.868	15.7	0.2	0.0	0.2	3.0
24	16.5	25.4	20.6	72.2	17.321	15.1	0.0	0.0	0.0	5.0
25	17.0	25.4	20.9	72.6	17.518	15.0	0.0	0.0	0.0	6.4
26	16.0	26.3	20.3	80.2	18.890	16.6	0.0	0.0	0.0	6.7
27	17.0	26.0	20.6	79.1	19.335	17.0	0.0	0.0	0.0	7.7
28	17.0	26.0	21.1	70.9	17.699	15.3	0.0	0.0	0.0	4.4
29	16.9	25.0	19.5	82.4	18.855	16.5	4.6	14.1	18.7	1.4
30	16.0	22.5	18.9	84.7	18.554	16.3	0.0	0.0	0.0	2.2
PROM.	16.5	25.5	20.2	83.1	19.714	17.2	89.5	106.9	196.4	139.8

ESTACION: MONTEL IBANO
 ALTITUD: 1.340

MUNICIPIO: YACOPI
 LATITUD: 5-28 N.

AÑO: 1.961
 LONGITUD: 74-22 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	24.3	19.8	84.6	19.377	17.0	2.2	0.0	2.2	6.1
2	16.6	26.0	20.3	78.2	18.944	16.6	15.2	0.0	15.2	7.3
3	16.0	25.3	20.4	73.9	17.716	15.5	10.0	0.0	10.0	5.7
4	16.0	24.3	19.8	85.6	20.333	17.7	15.7	0.0	15.7	4.6
5	15.5	24.3	18.9	89.2	19.991	17.5	29.0	0.6	29.6	4.3
6	15.0	24.3	19.1	86.6	19.367	17.0	1.7	0.2	1.9	5.3
7	15.5	27.2	21.2	75.4	18.503	16.0	0.0	8.7	8.7	8.6
8	16.5	26.0	21.3	75.3	18.874	16.4	0.0	0.0	0.0	8.8
9	17.0	23.0	20.1	87.2	20.441	17.8	0.4	0.4	0.8	0.7
10	16.0	25.0	19.6	84.2	19.294	16.9	20.5	0.0	20.5	2.6
11	15.6	24.8	19.1	80.3	17.863	15.7	9.0	0.0	9.0	4.2
12	16.5	25.0	21.9	65.8	17.474	15.3	0.4	0.0	0.4	6.7
13	16.5	25.3	21.0	66.9	16.893	14.7	0.0	0.0	0.0	8.8
14	16.5	24.3	20.6	85.1	20.315	17.7	0.0	0.4	0.4	3.9
15	16.5	25.4	20.0	83.8	19.365	17.0	4.2	41.5	45.7	3.5
16	16.0	26.0	19.3	82.7	18.882	16.6	20.8	0.0	20.8	4.2
17	15.5	22.6	17.9	92.9	19.099	16.8	2.2	0.1	2.3	1.3
18	15.5	24.8	19.6	83.6	18.903	16.6	1.8	0.0	1.8	5.8
19	16.5	25.5	20.3	68.6	16.029	13.8	0.0	0.0	0.0	3.1
20	16.9	25.6	20.9	72.3	18.166	15.7	0.0	0.0	0.0	3.8
21	15.9	27.0	21.0	53.7	12.557	9.8	0.0	0.0	0.0	10.2
22	15.3	26.0	21.4	67.5	17.222	14.9	0.0	0.0	0.0	7.9
23	15.9	29.0	22.6	57.8	14.478	12.1	0.0	0.0	0.0	10.2
24	17.3	29.3	23.4	34.9	10.179	7.1	0.0	0.0	0.0	11.8
25	18.0	28.3	22.6	37.5	10.315	7.4	0.0	0.0	0.0	10.6
26	17.3	29.0	22.8	44.1	12.377	10.1	0.0	0.0	0.0	11.2
27	17.0	28.0	22.7	42.0	11.425	8.9	0.0	0.0	0.0	9.6
28	17.6	27.3	22.8	40.6	11.320	8.8	0.0	0.0	0.0	9.5
29	15.6	26.3	22.0	45.7	11.993	9.6	0.0	0.0	0.0	7.6
30	17.1	26.6	22.3	49.4	13.081	10.9	0.0	0.0	0.0	8.4
31	17.6	27.6	23.2	52.4	14.499	12.4	0.0	0.0	0.0	7.1
PROM.	16.3	25.9	20.9	68.6	16.622	14.2	133.1	51.9	185.0	203.7

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	18.0	29.0	23.1	47.1	13.577	11.5	0.0	0.0	0.0	8.4
2	16.5	29.0	22.9	52.3	14.339	12.1	0.0	0.0	0.0	6.7
3	18.6	25.0	21.2	71.1	18.094	15.7	0.0	0.0	0.0	2.1
4	15.3	26.0	21.4	70.6	17.509	15.3	8.2	0.0	8.2	7.0
5	16.5	28.6	23.3	52.6	14.679	12.4	0.0	0.0	0.0	9.5
6	15.5	27.0	20.8	80.8	19.551	17.1	0.0	3.1	3.1	6.2
7	14.6	23.3	17.8	82.5	17.066	14.9	9.3	8.0	17.3	5.9
8	14.3	23.3	19.8	84.1	19.051	16.7	11.3	0.0	11.3	3.9
9	16.4	25.3	21.3	57.5	14.434	12.4	0.0	0.0	0.0	4.1
10	16.5	25.6	21.3	72.8	18.059	15.8	0.0	0.0	0.0	7.4
11	16.5	24.3	19.5	90.9	20.753	18.1	0.0	2.7	2.7	3.1
12	15.0	21.0	18.4	81.6	17.104	15.1	4.2	0.0	4.2	0.4
13	15.0	23.3	19.5	67.0	15.146	12.8	0.0	0.0	0.0	2.9
14	15.0	24.0	19.7	73.1	16.498	14.5	0.0	0.0	0.0	1.7
15	16.0	24.0	20.2	81.5	19.127	16.7	2.7	2.1	4.8	7.0
16	14.6	23.0	19.3	86.6	19.261	16.9	0.0	0.0	0.0	5.5
17	16.0	23.0	18.4	89.9	19.125	16.8	0.0	1.6	1.6	1.0
18	14.0	22.0	17.5	83.6	16.521	14.4	0.2	0.0	0.2	4.6
19	14.5	24.6	20.3	66.9	15.517	13.3	0.0	0.0	0.0	8.6
20	15.5	26.0	21.1	60.9	15.101	12.8	0.0	15.5	15.5	10.8
21	12.4	23.3	16.5	75.3	14.958	12.9	30.0	0.0	30.0	7.2
22	12.6	22.2	18.4	85.8	18.009	15.8	0.0	8.7	8.7	4.6
23	14.0	24.3	17.3	86.6	17.094	15.0	9.0	0.0	9.0	1.2
24	15.0	23.6	18.2	76.6	16.401	14.4	7.8	1.0	8.8	0.1
25	14.0	21.0	17.1	88.8	17.592	15.5	5.8	0.0	5.8	2.7
26	12.6	21.0	16.9	86.0	16.593	14.5	0.0	0.0	0.0	2.9
27	13.8	22.6	19.7	88.2	19.660	17.1	0.0	0.0	0.0	7.4
28	15.0	23.3	16.9	89.7	17.973	15.8	7.7	0.0	7.7	5.2
29	15.0	22.0	18.9	84.5	18.788	16.4	2.3	0.0	2.3	4.7
30	14.5	23.0	18.5	80.5	17.311	15.1	0.5	15.5	16.0	4.7
31	14.5	24.0	20.3	80.1	18.543	16.1	9.0	0.1	9.1	4.8
PROM.	15.2	24.1	19.5	76.6	17.208	15.0	108.0	58.3	166.3	158.7

ESTACION: MONTELIBANO

MUNICIPIO: YACOPI

AÑO: 1.961

ALTITUD: 1.340

LATITUD: 5-28 N.

LONGITUD: 74-22 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	20.0	17.4	92.9	18.436	16.2	35.3	0.7	36.0	0.3
2	15.5	23.0	18.9	86.2	18.956	16.7	0.0	0.0	0.0	5.7
3	15.5	21.0	19.3	85.5	18.712	16.3	0.0	1.8	1.8	4.5
4	16.0	22.0	18.1	86.7	18.375	16.2	5.4	0.0	5.4	1.4
5	16.0	22.6	19.0	85.8	19.122	16.8	0.0	7.3	7.3	5.4
6	16.0	23.0	20.1	84.4	19.519	17.0	0.0	0.9	0.9	5.0
7	16.3	25.0	20.3	84.1	19.706	17.2	0.0	0.0	0.0	4.5
8	16.0	25.6	20.1	84.0	19.266	16.8	29.9	25.4	55.3	6.0
9	15.3	24.8	20.6	78.4	18.927	16.6	0.4	0.0	0.4	5.9
10	17.0	23.3	19.6	80.4	18.638	16.3	8.6	19.0	27.6	4.6
11	14.5	24.0	19.6	83.7	18.526	16.2	0.0	0.0	0.0	5.4
12	14.5	23.6	20.8	86.2	20.831	18.1	0.8	0.3	1.1	5.8
13	14.5	23.4	19.5	79.2	18.101	15.9	24.6	0.0	24.6	5.6
14	14.5	25.8	19.7	78.4	18.410	16.2	31.4	3.0	34.4	5.8
15	14.5	23.3	19.1	87.6	19.221	16.9	0.4	0.0	0.4	0.2
16	16.3	26.0	21.8	64.7	16.839	14.8	0.0	0.0	0.0	9.5
17	16.5	25.6	21.5	72.7	18.289	16.1	0.0	0.0	0.0	7.4
18	16.0	25.6	19.2	83.2	18.948	16.6	10.7	9.6	20.3	7.3
19	15.0	23.8	20.6	83.5	19.989	17.5	0.0	0.0	0.0	1.0
20	15.0	23.4	19.0	75.6	16.894	14.6	0.0	0.0	0.0	8.0
21	15.0	25.0	21.8	53.3	13.497	11.4	0.0	0.0	0.0	6.7
22	18.0	27.4	23.5	42.5	12.062	9.7	0.0	0.0	0.0	9.1
23	17.5	27.8	23.2	48.4	13.531	11.4	0.0	0.0	0.0	9.9
24	18.0	27.6	22.2	51.2	13.677	11.5	0.0	0.0	0.0	8.5
25	17.5	26.0	21.5	62.4	16.034	14.0	0.0	0.0	0.0	8.4
26	18.0	25.8	21.9	68.3	18.099	15.5	0.0	0.0	0.0	9.3
27	17.0	22.0	19.6	75.1	17.265	15.1	0.2	0.0	0.2	5.1
28	17.0	24.0	20.9	82.3	20.524	17.9	0.6	0.0	0.6	3.4
29	17.0	22.0	19.0	93.9	20.544	17.9	19.5	0.0	19.5	3.9
30	17.0	26.0	21.3	85.6	21.534	18.6	1.1	24.1	25.2	6.4
PROM.	16.0	24.3	20.3	76.9	18.082	15.7	168.9	92.1	261.0	170.0

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	25.3	20.5	82.3	19.391	16.9	10.3	0.0	10.3	2.3
2	17.0	24.0	20.4	85.5	20.346	17.7	0.0	0.0	0.0	5.7
3	16.5	23.0	19.2	89.2	19.912	17.4	0.0	10.7	10.7	3.0
4	15.5	21.8	19.3	87.1	19.470	16.9	3.4	0.0	3.4	3.4
5	17.0	23.0	20.4	82.9	19.524	17.1	0.0	0.5	0.5	5.4
6	18.0	24.6	20.8	86.8	21.273	18.5	0.0	11.8	11.8	6.1
7	15.5	26.0	20.6	76.4	18.287	15.9	0.0	17.5	17.5	7.6
8	15.5	23.4	19.5	86.7	19.997	17.5	17.5	2.4	19.9	2.4
9	16.0	21.4	19.4	87.5	19.609	17.1	0.3	13.3	13.6	4.2
10	15.5	25.0	19.0	83.8	18.569	16.3	33.0	5.7	38.7	5.4
11	17.6	23.4	19.6	64.5	18.941	16.5	0.6	0.0	0.6	3.3
12	15.3	25.0	20.0	82.9	19.338	17.0	0.0	0.0	0.0	6.4
13	15.5	25.6	20.5	81.4	19.177	16.7	0.0	0.0	0.0	7.4
14	15.0	22.0	19.0	92.4	20.191	17.6	9.3	0.0	9.3	3.6
15	17.0	21.0	19.7	80.1	18.178	15.9	5.4	42.9	48.3	3.2
16	16.0	23.4	19.6	90.2	20.444	17.8	1.5	0.1	1.6	1.2
17	16.0	25.4	20.9	85.7	21.081	18.3	2.4	14.9	17.3	6.4
18	15.3	25.6	20.9	87.7	22.099	19.1	0.8	4.3	5.1	3.4
19	15.5	25.0	20.7	79.9	19.123	16.8	0.0	0.0	0.0	5.9
20	16.0	25.0	20.7	85.6	20.666	18.0	0.0	0.0	0.0	2.5
21	16.0	26.0	21.4	80.0	20.166	17.6	20.8	2.1	22.9	6.6
22	15.0	25.6	19.0	84.9	18.897	16.6	11.5	5.9	17.4	3.1
23	15.5	24.0	19.3	92.8	20.925	18.2	17.7	38.8	56.5	2.8
24	15.3	24.0	18.9	85.7	18.780	16.5	12.3	0.0	12.3	1.7
25	15.0	26.0	19.6	80.0	18.104	15.9	0.2	12.2	12.4	7.5
26	15.0	26.0	20.8	79.5	18.876	16.3	0.0	3.0	3.0	4.6
27	14.5	25.3	19.1	84.7	18.576	16.4	12.2	13.7	25.9	2.9
28	16.0	23.0	19.2	89.7	19.965	17.5	6.4	0.0	6.4	2.0
29	16.0	25.0	19.7	79.9	18.673	16.4	0.0	4.0	4.0	3.3
30	16.0	23.0	19.2	90.9	20.149	17.6	0.2	0.0	0.2	0.0
31	16.0	23.6	19.9	89.2	20.881	18.2	0.1	23.4	23.5	2.8
PROM.	15.8	24.2	19.9	85.0	19.665	17.2	165.9	227.2	393.1	126.1

ESTACION: MONTELIBANO
 ALTITUD: 1.340

MUNICIPIO: YACOPI
 LATITUD: 5-28 N.

AÑO: 1.921
 LONGITUD: 74-22 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	24.6	20.2	76.0	17.622	15.4	0.0	1.7	1.7	5.7
2	15.0	25.2	21.0	82.4	20.392	17.8	0.0	0.0	0.0	7.0
3	15.5	25.6	20.6	84.9	20.498	17.9	0.0	0.8	0.8	7.0
4	17.0	25.0	19.6	88.3	20.391	17.8	2.0	7.1	9.1	4.5
5	16.5	25.4	20.1	83.4	19.810	17.4	0.5	0.0	6.5	3.1
6	15.5	25.3	20.5	83.9	20.117	17.6	0.0	0.0	0.0	6.3
7	18.0	26.2	20.8	79.0	19.836	17.4	3.5	37.4	40.9	6.2
8	15.3	24.8	19.6	91.9	21.825	18.8	20.1	3.4	23.5	4.8
9	16.8	24.0	19.8	83.5	19.418	17.0	0.0	0.0	0.0	3.5
10	17.6	25.6	20.8	82.8	20.332	17.8	0.0	0.0	0.0	7.4
11	16.5	25.2	21.2	84.1	21.041	18.2	0.0	0.0	0.0	7.4
12	16.5	25.4	20.2	83.3	19.625	17.2	0.0	10.3	10.3	6.0
13	16.5	23.0	20.1	85.7	19.967	17.4	0.0	8.3	8.3	4.2
14	16.5	24.0	20.3	86.7	20.811	18.1	0.0	0.0	0.0	4.8
15	16.6	23.3	19.7	82.0	18.836	16.5	0.0	0.0	0.0	4.6
16	16.0	24.4	20.2	87.2	20.762	18.1	0.0	0.0	0.0	1.3
17	16.0	24.2	20.5	86.5	20.783	18.1	0.0	0.0	0.0	5.4
18	16.5	26.0	21.0	82.3	20.382	17.8	0.0	0.0	0.0	6.0
19	16.0	25.8	21.1	80.4	19.821	17.3	0.0	10.3	10.3	8.1
20	16.5	24.4	19.9	80.6	18.544	16.2	16.5	0.0	16.5	4.6
21	16.0	25.3	21.0	77.6	19.252	16.9	0.0	27.0	27.0	3.5
22	15.0	24.9	20.5	82.1	19.630	17.2	8.1	0.4	8.5	3.7
23	15.0	23.4	20.2	87.2	20.513	17.9	0.0	0.2	0.2	3.5
24	15.0	24.8	21.1	79.1	19.565	17.0	0.0	13.7	13.7	5.1
25	15.6	25.0	20.7	81.2	19.526	16.9	0.0	0.0	0.0	4.4
26	15.0	25.3	20.5	81.9	19.698	17.2	0.0	0.0	0.0	6.2
27	17.0	24.0	20.5	82.7	19.837	17.3	0.0	2.7	2.7	6.2
28	16.0	23.6	20.7	72.3	17.186	15.0	0.0	5.2	5.2	3.6
29	16.0	24.1	19.7	82.8	19.104	16.7	0.3	7.5	7.8	2.4
30	16.0	22.6	20.4	79.7	18.809	16.4	0.0	3.7	3.7	5.1
PROM.	16.1	24.7	20.4	82.7	19.798	17.3	57.0	139.7	196.7	154.4

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	16.0	24.1	19.7	86.9	19.795	17.3	0.0	1.6	1.6	6.7
2	16.0	24.0	20.2	85.1	20.053	17.5	4.0	0.1	4.1	5.7
3	16.6	24.0	20.8	86.8	21.215	18.4	0.0	0.0	0.0	6.1
4	16.2	24.4	21.1	84.4	20.878	18.1	0.0	0.8	0.8	2.1
5	18.0	23.0	19.7	85.4	19.670	17.2	0.0	0.4	0.4	3.8
6	16.5	24.4	19.0	90.5	20.106	17.6	2.0	0.0	2.0	3.1
7	17.0	23.6	20.0	81.8	18.973	16.5	0.0	0.0	0.0	4.9
8	17.5	26.0	21.0	79.0	19.486	17.0	0.0	0.0	0.0	7.5
9	17.0	25.0	20.4	81.0	19.461	17.0	6.4	0.0	6.4	5.4
10	17.6	22.0	20.2	92.7	21.885	18.9	0.0	0.0	0.0	0.0
11	17.4	23.0	19.7	87.7	20.211	17.7	0.0	0.0	0.0	2.4
12	16.5	24.2	20.4	87.6	20.965	18.2	0.4	35.0	35.4	3.7
13	17.3	24.2	19.3	91.6	21.011	18.3	72.4	1.0	73.4	2.9
14	15.0	23.3	20.0	85.0	19.485	17.0	0.8	0.0	0.8	4.8
15	16.0	22.4	19.4	90.2	20.602	18.0	2.5	0.0	2.5	4.6
16	14.6	24.0	19.8	86.9	19.814	17.3	0.0	0.0	0.0	6.0
17	16.3	24.0	20.7	86.0	20.653	18.0	0.0	0.0	0.0	4.7
18	18.0	24.3	20.3	86.0	20.327	17.7	0.0	0.0	0.0	4.7
19	17.3	22.0	19.7	87.3	20.092	17.5	0.0	0.0	0.0	2.3
20	16.5	23.0	20.1	88.1	20.660	18.0	0.0	0.0	0.0	2.2
21	16.5	22.0	19.8	90.3	20.761	18.1	0.0	0.0	0.0	2.1
22	16.5	23.0	19.9	84.0	19.361	16.9	0.0	0.0	0.0	6.1
23	17.0	22.0	19.8	88.2	20.259	17.7	0.0	0.0	0.0	3.2
24	17.0	24.8	20.4	81.7	19.137	16.7	0.0	0.0	0.0	4.6
25	18.0	24.6	20.7	80.3	19.781	17.5	0.0	0.1	0.1	1.4
26	18.0	22.0	19.8	88.8	20.332	17.7	2.4	13.7	16.1	1.0
27	17.0	24.1	20.6	85.0	20.669	18.0	0.0	0.5	0.5	3.6
28	17.5	24.0	20.8	81.3	19.773	17.2	0.0	0.0	0.0	4.6
29	17.6	22.0	19.9	93.0	21.732	18.8	0.0	0.0	0.0	0.0
30	17.6	24.8	19.9	87.9	20.505	17.9	0.2	0.0	0.2	1.9
31	17.0	22.6	20.0	83.8	19.317	16.9	6.4	0.4	6.8	5.6
PROM.	16.9	23.6	20.1	86.3	20.225	17.6	98.0	53.6	151.6	117.8

ESTACION: **MONTELIBANO**MUNICIPIO **YACOPI**AÑO: **1.981**ALTITUD: **1.340**LATITUD: **5-28 N.**LONGITUD: **74-22 W.**

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	15.6	22.7	19.4	14.0	24.8	85.4	19.014	16.6	67.8	11	181.1
FEBRERO	16.1	24.2	20.1	14.5	27.1	85.7	20.022	17.5	131.4	16	115.6
MARZO	16.4	25.8	20.7	15.0	29.0	81.7	19.814	17.3	159.1	13	169.6
ABRIL	16.7	25.2	20.3	15.0	28.0	85.3	20.235	17.6	549.9	27	104.6
MAYO	16.6	25.7	20.3	15.5	29.1	83.2	19.831	17.3	360.0	27	145.7
JUNIO	16.5	25.5	20.2	15.0	28.3	83.1	19.714	17.2	196.4	20	139.8
JULIO	16.3	25.9	20.9	15.0	29.3	68.6	16.622	14.2	185.0	16	203.7
AGOSTO	15.2	24.1	19.5	12.4	29.0	76.6	17.208	15.0	166.3	19	158.7
SEPTIEMBRE	16.0	24.3	20.3	14.5	27.8	76.9	18.082	15.7	261.0	17	170.0
OCTUBRE	15.8	24.2	19.9	14.5	26.0	85.0	19.665	17.2	393.1	26	126.1
NOVIEMBRE	16.1	24.7	20.4	15.0	26.2	82.7	19.798	17.3	196.7	18	154.4
NOVIEMBRE	16.9	23.6	20.1	14.6	26.0	86.3	20.225	17.6	151.6	15	117.6
PROMEDIO	16.2	24.7	20.2	14.6	27.6	81.7	19.186	16.7			
TOTAL									2018.3	225	1787.1

ESTACION: MISIONES
 ALTITUD: 1.540

MUNICIPIO: MESITAS COLEGA
 1.961
 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	15.5	21.5	18.5	90.4	19.152	16.8	0.4	0.0	0.4	0.0
2	16.3	22.5	19.1	95.4	21.020	18.3	0.0	0.0	0.0	0.0
3	16.0	24.5	20.0	72.1	16.640	14.6	0.0	0.0	0.0	4.2
4	16.3	24.5	19.6	70.4	16.229	14.2	0.0	0.0	0.0	2.9
5	15.0	25.0	20.3	75.0	18.169	15.9	0.0	0.0	0.0	2.1
6	16.5	23.0	19.1	83.4	18.589	16.3	0.0	0.0	0.0	5.2
7	16.5	22.5	19.0	92.5	20.487	17.8	0.0	0.0	0.0	0.0
8	16.6	23.0	19.1	95.8	21.321	18.5	0.0	13.6	13.6	0.0
9	16.0	22.4	19.4	85.3	19.135	16.8	0.0	0.0	0.0	0.0
10	17.0	26.5	20.8	71.8	17.823	15.6	0.0	0.0	0.0	0.0
11	16.5	22.3	19.0	92.1	20.350	17.7	0.0	0.1	0.1	0.0
12	16.5	24.0	20.2	88.3	20.994	18.3	0.0	0.0	0.0	0.0
13	16.0	23.3	19.0	83.5	18.594	16.3	0.0	0.0	0.0	0.0
14	15.4	24.0	18.8	89.1	19.365	17.0	0.0	0.0	0.0	4.5
15	16.3	24.0	19.5	82.9	18.842	16.5	0.0	0.0	0.0	7.0
16	16.4	24.8	19.4	78.1	17.694	15.5	0.0	0.0	0.0	6.7
17	16.6	26.0	20.4	84.5	20.049	17.5	0.0	0.0	0.0	8.1
18	17.3	26.0	20.3	83.3	19.794	17.4	0.0	0.0	0.0	7.5
19	16.5	25.0	19.8	80.0	18.513	16.3	0.0	0.0	0.0	10.2
20	15.6	26.0	20.5	73.3	17.631	15.5	0.0	0.0	0.0	0.0
21	14.8	26.0	20.5	76.8	18.405	16.1	0.0	0.0	0.0	9.9
22	16.0	24.5	20.4	76.6	18.262	16.1	0.0	0.0	0.0	9.1
23	15.6	25.0	20.7	74.6	18.072	15.9	0.0	0.0	0.0	9.6
24	16.3	24.4	20.5	76.2	18.452	16.2	0.0	0.0	0.0	8.1
25	16.0	25.0	20.2	77.4	18.394	16.2	0.0	0.6	0.6	9.3
26	16.3	23.8	19.9	85.6	19.772	17.3	0.0	0.0	0.0	10.1
27	17.0	25.3	20.3	82.9	19.678	17.2	0.0	0.0	0.0	0.0
28	17.4	26.5	21.4	78.3	20.209	17.5	0.0	0.0	0.0	7.1
29	16.4	24.5	19.3	85.1	19.433	17.0	6.3	0.0	6.3	4.7
30	16.3	24.0	20.3	87.0	20.654	18.0	0.6	0.0	0.6	5.6
31	16.0	22.0	19.1	88.8	19.513	17.1	1.9	0.0	1.9	2.4
PROM.	16.2	24.3	19.8	82.5	19.071	16.7	9.2	14.3	23.5	

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	16.5	25.0	20.2	76.1	18.036	15.9	1.2	0.0	1.2	4.6
2	16.6	25.5	21.3	73.4	18.695	16.4	0.0	0.0	0.0	8.1
3	17.5	24.3	19.6	89.5	20.234	17.7	0.0	11.4	11.4	3.8
4	16.3	23.5	19.5	93.2	20.982	18.3	0.0	0.0	0.0	5.4
5	16.6	25.0	19.6	84.5	19.098	16.8	0.0	0.0	0.0	7.8
6	17.0	25.0	20.0	84.2	19.566	17.1	0.0	0.0	0.0	5.0
7	17.1	25.3	20.0	83.4	19.476	17.0	0.0	0.0	0.0	5.4
8	17.6	25.0	20.8	78.6	19.169	16.9	0.0	0.0	0.0	8.4
9	16.5	22.2	19.5	87.7	19.823	17.3	0.0	0.0	0.0	1.7
10	17.5	25.5	21.2	73.1	18.317	16.1	0.0	0.0	0.0	6.3
11	18.3	27.0	22.0	78.7	20.844	18.1	0.0	17.6	17.6	7.1
12	15.0	22.0	18.6	97.3	20.905	18.2	0.0	0.2	0.2	3.6
13	16.3	25.0	20.4	86.9	20.775	18.1	0.0	0.3	0.3	4.0
14	16.6	22.2	19.4	91.8	20.729	18.1	0.0	29.7	29.7	2.6
15	15.6	23.3	19.3	88.1	19.728	17.3	0.0	2.2	2.2	2.7
16	17.0	23.3	20.1	93.6	22.093	19.0	0.4	1.5	1.9	4.2
17	17.0	20.0	18.4	88.5	18.635	16.3	18.3	0.0	18.3	0.0
18	17.0	23.0	20.5	81.0	19.393	16.9	0.0	0.0	0.0	3.6
19	17.5	21.5	18.4	92.4	19.505	17.1	22.7	0.0	22.7	0.0
20	17.3	21.5	18.4	88.9	18.726	16.4	5.6	0.0	5.6	1.5
21	16.0	24.5	19.7	80.5	18.344	16.1	0.0	0.0	0.0	6.6
22	17.5	24.0	19.9	87.4	20.301	17.7	2.2	0.0	2.2	4.7
23	17.3	20.5	18.3	92.4	19.613	17.2	5.7	0.0	5.7	0.3
24	16.3	20.5	18.5	93.9	19.859	17.4	4.5	0.1	4.6	0.8
25	16.6	20.0	18.1	94.9	19.721	17.3	2.7	0.0	2.7	0.9
26	16.5	23.5	20.5	83.4	20.205	17.6	0.0	0.0	0.0	4.3
27	18.3	25.0	21.1	81.2	20.521	17.9	0.0	0.0	0.0	6.1
28	18.0	25.0	21.1	77.2	19.697	17.2	0.0	0.0	0.0	4.9
PROM.	16.9	23.5	19.8	85.8	19.750	17.3	63.3	63.0	126.3	114.4

ESTACION: MISIONES

MUNICIPIO: MESITAS COLEMAN

1.961

ALTITUD: 1.540

LATITUD: 4-34 N.

LONGITUD: 74-18 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	26.0	20.5	78.0	18.672	16.4	0.0	0.0	0.0	4.7
2	17.5	24.5	21.4	84.1	21.135	18.4	0.0	0.0	0.0	7.0
3	16.5	23.3	20.0	78.0	18.309	16.1	0.0	0.0	0.0	0.0
4	16.3	27.8	21.8	70.6	18.472	16.2	0.0	0.0	0.0	0.0
5	19.5	27.0	22.7	71.4	19.731	17.3	0.0	0.0	0.0	0.0
6	17.5	22.8	19.1	89.5	19.646	17.2	0.0	0.5	0.5	0.5
7	17.3	23.3	20.4	83.8	19.988	17.4	0.0	0.3	0.3	0.3
8	17.7	24.5	20.1	80.8	19.094	16.7	14.0	0.0	14.0	0.0
9	17.9	20.8	18.6	93.5	20.005	17.5	9.9	0.0	9.9	9.9
10	17.6	21.5	19.2	89.0	19.942	17.4	0.0	0.0	0.0	0.0
11	17.5	23.0	20.2	79.5	18.847	16.5	0.0	0.0	0.0	0.0
12	19.5	24.8	21.4	82.8	21.333	18.5	1.0	0.0	1.0	1.0
13	18.3	25.4	20.9	83.8	20.660	18.0	0.0	0.0	0.0	0.0
14	18.0	24.8	20.5	89.2	21.618	18.7	23.1	0.0	23.1	0.0
15	17.6	24.3	20.6	90.6	22.264	19.2	0.0	0.0	0.0	0.0
16	18.0	25.8	21.4	81.7	20.574	17.9	0.0	0.0	0.0	0.0
17	18.8	27.0	22.0	88.7	23.433	20.0	0.0	0.0	0.0	6.5
18	18.0	27.0	21.5	82.1	21.068	18.3	0.0	0.0	0.0	0.0
19	18.5	26.2	21.5	88.5	22.474	19.3	0.0	0.0	0.0	2.1
20	18.1	26.8	21.5	78.4	19.945	17.5	0.0	0.0	0.0	5.8
21	17.5	26.0	21.2	78.8	19.542	17.1	0.0	9.7	9.7	6.4
22	17.3	24.0	20.7	83.7	20.284	17.7	0.0	0.0	0.0	3.3
23	17.5	25.3	21.2	81.9	20.386	17.8	0.0	0.0	0.0	4.1
24	17.5	25.3	19.9	84.4	20.152	17.6	15.5	0.0	15.5	6.1
25	17.0	24.1	21.1	77.9	19.143	16.7	0.0	1.4	1.4	5.6
26	17.5	23.8	19.9	89.0	20.618	18.0	1.7	0.0	1.7	1.7
27	17.6	23.8	20.0	85.2	19.963	17.5	0.0	0.0	0.0	0.0
28	18.0	25.3	21.1	79.1	19.430	17.0	0.0	1.7	1.7	4.6
29	19.5	25.1	21.0	83.5	20.975	18.3	0.7	1.4	2.1	5.6
30	17.5	25.4	21.4	74.9	19.162	16.7	0.0	0.0	0.0	8.9
31	18.5	25.8	21.3	74.2	18.667	16.3	0.0	0.0	0.0	5.9
PROM.	17.8	24.9	20.8	82.5	20.178	17.6	65.9	15.0	80.9	

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	19.1	24.8	21.9	68.3	17.893	15.7	0.0	0.0	0.0	4.6
2	18.6	25.0	21.6	75.8	19.651	17.2	0.0	0.0	0.0	5.1
3	17.3	25.0	20.6	76.8	18.813	16.5	0.0	0.0	0.0	4.1
4	17.3	22.3	19.9	88.6	20.700	18.0	0.7	75.7	76.4	1.0
5	15.4	20.3	17.8	96.4	19.607	17.2	2.6	9.7	12.3	0.0
6	16.5	20.3	18.5	91.4	19.524	17.1	0.0	0.0	0.0	0.0
7	16.3	20.0	18.7	94.1	20.086	17.6	3.0	0.0	3.0	8.0
8	16.5	23.0	19.5	93.4	21.050	18.3	0.3	5.4	5.7	5.7
9	16.0	22.0	20.0	84.9	19.749	17.2	0.0	0.0	0.0	0.0
10	17.1	22.5	19.6	79.9	18.327	16.1	0.0	0.0	0.0	0.0
11	18.0	24.5	21.3	77.7	20.029	17.5	0.0	0.0	0.0	0.0
12	16.5	20.5	19.2	84.8	18.733	16.4	0.6	0.0	0.6	0.6
13	16.8	22.5	18.8	88.5	19.446	17.0	3.3	0.0	3.3	3.3
14	17.0	22.0	19.4	89.5	20.206	17.6	4.7	0.3	5.0	5.0
15	16.5	22.0	19.4	92.0	20.709	18.0	0.0	20.6	20.6	20.6
16	16.7	21.3	18.8	92.0	20.064	17.5	20.5	0.0	20.5	20.5
17	16.7	21.0	17.5	93.1	18.686	16.4	12.6	0.0	12.6	12.6
18	16.3	24.9	20.4	78.1	18.808	16.4	0.0	10.7	10.7	10.7
19	14.8	20.0	17.0	95.4	18.322	16.1	0.0	0.0	0.0	0.0
20	15.0	22.0	18.8	88.8	19.345	16.9	0.0	29.0	29.0	29.0
21	16.3	25.0	20.1	89.8	21.023	18.3	4.1	0.0	4.1	4.1
22	15.5	22.0	18.5	94.6	20.207	17.6	4.1	0.0	4.1	4.1
23	16.5	23.1	19.7	84.3	19.557	17.2	8.0	2.2	10.2	10.2
24	16.3	22.0	19.2	87.6	19.224	16.8	5.6	0.0	5.6	5.6
25	17.0	24.3	20.5	73.0	17.710	15.5	0.0	0.0	0.0	0.0
26	16.5	23.6	20.0	79.2	18.151	16.0	0.0	1.7	1.7	1.7
27	18.0	22.0	20.6	80.8	19.682	17.2	7.5	0.0	7.5	7.5
28	16.0	22.0	18.7	94.0	20.479	17.9	0.0	9.6	9.6	9.6
29	16.3	24.1	20.2	84.1	20.088	17.5	1.2	2.8	4.0	4.7
30	15.0	22.0	18.5	89.1	19.164	16.8	0.3	0.0	0.3	2.7
PROM.	16.6	22.5	19.5	86.2	19.501	17.1	121.0	167.7	288.7	

ESTACION: MISIONES

MUNICIPIO: MESITAS COLEA

1.961

ALTITUD: 1.540

LATITUD: 4-34 N.

LONGITUD: 74-18 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	15.3	22.2	19.0	90.4	19.885	17.4	4.6	1.6	6.2	2.0
2	16.5	23.0	19.3	91.1	20.410	17.8	25.9	1.3	27.2	3.2
3	16.8	22.0	19.0	92.7	20.599	18.0	1.6	0.0	1.6	1.9
4	16.5	20.0	17.9	92.3	19.152	16.8	40.0	0.0	40.0	0.0
5	16.7	22.0	19.1	88.3	19.510	17.1	2.7	19.3	22.0	1.4
6	14.5	22.0	18.7	95.1	20.456	17.8	3.0	0.0	3.0	3.2
7	17.3	22.0	19.7	87.7	20.008	17.5	3.2	4.4	7.6	1.5
8	15.3	20.5	17.7	95.3	19.390	17.0	4.1	0.8	4.9	2.4
9	16.0	19.5	17.7	96.3	19.577	17.1	0.0	0.0	0.0	0.0
10	16.1	22.0	18.7	93.9	20.336	17.8	0.0	1.6	1.6	0.7
11	16.5	22.4	18.4	92.7	19.588	17.2	0.0	3.7	3.7	2.3
12	16.0	23.0	19.5	84.9	19.398	17.0	5.4	0.0	5.4	2.4
13	16.5	23.5	20.1	82.8	19.449	17.0	0.0	0.0	0.0	3.1
14	15.3	24.0	20.1	83.3	19.236	16.9	0.0	2.1	2.1	3.6
15	16.3	23.3	20.2	87.8	20.891	18.2	0.0	6.2	6.2	3.0
16	15.3	20.0	18.2	89.6	18.759	16.5	2.4	0.0	2.4	5.6
17	16.3	25.4	20.2	76.2	18.261	16.0	0.0	0.0	0.0	3.1
18	17.5	23.0	20.3	84.1	20.331	17.7	0.0	0.0	0.0	1.5
19	17.0	25.5	20.9	70.5	17.750	15.5	1.2	0.0	1.2	3.5
20	18.0	24.0	20.8	79.4	19.662	17.2	0.0	0.0	0.0	4.4
21	18.0	22.5	20.7	80.3	19.367	17.0	0.0	0.8	0.8	1.3
22	16.5	24.0	19.8	86.4	20.377	17.8	3.3	2.9	6.2	4.8
23	17.5	22.0	18.8	87.5	19.035	16.7	6.4	0.0	6.4	2.0
24	16.5	22.5	20.7	81.1	19.922	17.3	0.0	1.1	1.1	0.9
25	16.4	21.0	18.7	93.0	20.074	17.6	11.2	0.0	11.2	0.4
26	17.3	24.0	19.5	89.2	20.038	17.5	0.0	0.0	0.0	1.2
27	17.3	22.5	20.2	85.7	20.401	17.7	2.6	0.4	3.0	0.3
28	17.3	23.0	20.1	82.3	19.233	16.8	29.9	17.3	47.2	3.7
29	15.0	23.6	19.8	85.6	19.750	17.2	0.0	9.1	9.1	5.5
30	17.3	22.6	20.0	81.6	19.334	17.0	0.0	3.8	3.8	2.5
31	16.1	23.5	19.8	87.2	20.176	17.6	0.0	0.0	0.0	2.9
PROM.	16.5	22.6	19.5	86.9	19.689	17.2	149.5	76.4	225.9	74.3

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	23.5	19.9	90.2	20.997	18.3	0.0	17.8	17.8	3.8
2	15.3	23.0	18.8	96.4	21.203	18.3	0.0	0.0	0.0	3.3
3	16.3	24.2	20.2	83.0	19.664	17.2	0.0	0.0	0.0	7.3
4	17.5	25.0	20.5	91.9	22.149	19.1	1.8	0.0	1.8	3.9
5	18.0	26.0	21.5	75.0	19.403	16.9	0.0	0.0	0.0	6.8
6	19.3	25.3	21.0	79.3	20.148	17.6	0.0	0.1	0.1	3.9
7	16.6	20.6	18.5	91.1	19.303	16.9	1.0	0.0	1.0	0.2
8	16.8	23.5	19.9	80.8	18.774	16.5	0.0	0.2	0.2	2.1
9	16.0	22.0	18.3	93.6	19.471	17.1	2.6	0.0	2.6	1.4
10	16.6	21.8	20.0	81.1	18.995	16.6	0.1	0.1	0.2	1.9
11	17.0	22.0	19.8	82.8	19.080	16.7	0.0	0.0	0.0	0.9
12	16.5	22.5	18.6	87.6	18.801	16.5	3.3	0.0	3.3	2.2
13	17.0	20.0	17.8	86.6	17.752	15.5	6.1	0.3	6.4	0.3
14	17.0	23.0	19.4	78.5	18.044	15.8	0.0	0.0	0.0	4.1
15	16.6	23.5	18.8	88.2	19.046	16.7	1.1	0.6	1.7	2.4
16	16.3	23.5	20.0	79.5	18.430	16.2	0.0	0.0	0.0	0.5
17	16.5	24.3	20.9	77.8	18.663	16.3	0.0	2.4	2.4	4.8
18	15.0	20.8	18.5	84.6	18.120	15.9	15.6	0.0	15.6	3.0
19	15.3	23.0	19.5	77.8	17.758	15.5	0.0	0.0	0.0	4.3
20	15.6	23.0	20.0	86.5	20.330	17.8	0.1	3.1	3.2	4.1
21	16.5	23.3	19.8	83.6	19.545	17.1	0.0	0.0	0.0	5.0
22	15.6	23.5	19.4	86.7	19.446	17.0	2.6	5.0	7.6	2.8
23	17.3	23.3	20.1	76.5	18.022	15.7	1.2	0.0	1.2	2.4
24	16.3	22.0	18.3	86.7	18.264	16.1	4.2	0.0	4.2	0.8
25	16.4	22.5	18.7	78.7	17.157	15.1	0.0	0.0	0.0	1.7
26	17.0	22.5	19.8	83.7	18.820	16.5	0.0	0.0	0.0	1.6
27	17.3	23.8	19.7	78.5	18.035	15.8	0.6	0.0	0.6	2.5
28	17.6	24.0	20.1	78.2	18.182	16.0	0.3	1.1	1.4	2.3
29	16.4	21.5	18.6	82.6	17.897	15.8	1.2	0.0	1.2	0.5
30	15.6	20.0	17.5	90.2	17.988	15.8	0.0	0.3	0.3	0.8
PROM.	16.6	22.9	19.5	83.8	18.983	16.6	41.8	31.0	72.8	83.4

ESTACION: MISIONES

MUNICIPIO: MESITAS COLEGADO:

1.9&1

ALTITUD: 1.540

LATITUD: 4-34 N.

LONGITUD: 74-18 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	14.4	20.0	17.7	92.6	18.790	16.5	0.0	0.0	0.0	0.3
2	14.5	21.0	17.7	94.0	18.760	16.5	0.1	0.0	0.1	2.0
3	15.3	21.0	17.5	82.9	16.596	14.6	0.2	0.0	0.2	2.8
4	15.3	20.6	17.5	83.6	17.220	15.0	1.2	0.0	1.2	3.8
5	15.3	22.0	17.5	87.0	17.523	15.4	0.0	0.0	0.0	4.2
6	14.5	22.8	19.3	75.3	16.521	14.5	0.2	0.0	0.2	1.5
7		23.5	19.0	87.7	19.280	16.9	0.0	0.0	0.0	6.3
8		22.8	20.2	71.6	17.239	15.1	1.2	0.0	1.2	0.1
9		22.5	18.9	86.5	18.747	16.4	5.2	0.1	5.3	1.9
10		23.5	19.6	82.7	19.131	16.8	0.2	0.2	0.4	1.8
11		22.0	19.5	83.0	18.811	16.5	0.0	0.0	0.0	2.3
12		22.5	19.6	74.3	17.024	15.0	0.0	0.0	0.0	4.5
13		24.6	19.7	73.1	17.192	15.1	0.0	0.0	0.0	5.3
14		24.0	19.6	72.4	16.482	14.4	0.0	0.3	0.3	2.2
15		22.5	18.7	84.2	17.932	15.8	2.3	0.0	2.3	3.3
16		22.9	20.3	72.7	17.403	15.3	3.3	0.0	3.3	1.8
17		22.0	18.6	81.8	17.615	15.5	7.4	0.0	7.4	1.9
18		22.4	19.3	74.9	16.884	14.8	0.0	0.0	0.0	6.2
19		22.5	19.0	82.5	17.972	15.8	0.0	0.0	0.0	3.6
20		22.0	18.3	81.6	17.166	15.1	1.8	0.0	1.8	2.2
21		22.5	20.1	65.8	15.618	13.6	0.0	0.0	0.0	6.0
22		24.5	20.7	60.7	14.975	13.0	0.0	0.0	0.0	6.5
23		24.0	20.1	68.3	15.976	13.9	0.0	0.0	0.0	4.7
24		22.5	19.1	73.1	15.962	13.9	0.0	0.0	0.0	6.9
25		23.5	20.3	71.0	16.812	14.7	0.0	0.0	0.0	5.1
26		24.5	20.4	66.7	15.876	13.9	0.0	0.0	0.0	6.5
27		24.0	19.7	64.6	14.987	12.9	0.0	0.0	0.0	5.1
28		23.5	20.4	64.4	15.738	13.7	0.0	0.0	0.0	4.8
29		23.5	19.7	69.9	16.262	14.2	0.0	0.0	0.0	3.1
30		23.0	20.5	72.8	17.363	15.3	0.0	0.0	0.0	4.0
31		23.5	20.7	71.2	17.606	15.4	0.0	0.0	0.0	4.2
PROM.		22.9	19.3	76.6	17.144	15.0	23.1	0.6	23.7	114.9

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		23.5	20.5	68.7	16.606	14.5	0.0	0.0	0.0	3.4
2		24.5	20.0	75.3	17.528	15.4	0.0	0.0	0.0	4.8
3		24.5	20.1	71.9	17.274	15.1	0.0	1.0	1.0	2.0
4		24.0	21.2	71.2	17.570	15.8	0.0	0.0	0.0	4.3
5		26.0	21.9	65.6	17.167	15.1	0.0	0.0	0.0	6.1
6		26.5	21.7	63.4	16.431	14.4	0.0	0.0	0.0	5.5
7		24.8	21.8	64.6	16.810	14.7	0.0	3.1	0.1	2.7
8		22.5	20.4	79.3	18.817	16.5	1.1	2.9	4.0	2.1
9		23.5	19.4	83.2	18.663	16.4	0.0	0.0	0.0	2.3
10		24.2	19.7	72.1	16.683	14.7	0.0	0.0	0.0	7.9
11		23.0	21.2	74.8	18.862	16.6	0.0	0.0	0.0	3.1
12		23.0	17.9	86.6	18.057	15.9	8.5	0.0	8.5	0.1
13		24.0	19.7	76.9	17.754	15.6	0.6	2.8	3.4	2.4
14		23.5	21.4	64.8	16.438	14.4	0.0	0.0	0.0	3.6
15		25.0	19.8	79.8	17.958	15.7	0.0	0.0	0.0	7.5
16		24.0	20.9	77.0	18.304	16.1	7.2	6.0	13.2	8.8
17		25.5	18.9	83.7	18.107	16.0	0.0	0.0	0.0	4.0
18		22.0	18.8	83.2	17.881	15.7	4.6	0.0	4.6	1.1
19		24.5	19.3	75.3	16.869	14.8	0.0	0.0	0.0	4.6
20		25.0	20.3	74.7	17.919	13.6	0.0	0.0	0.0	9.0
21		24.4	20.8	66.8	16.773	14.7	0.0	21.1	21.1	6.4
22		25.0	20.2	81.0	18.948	16.0	0.7	0.1	0.8	2.0
23		24.6	20.2	73.5	17.193	15.1	0.8	25.0	25.8	2.4
24		24.0	20.4	73.3	17.408	15.3	0.0	10.0	10.0	5.6
25		23.5	17.2	92.7	18.149	15.9	1.0	0.0	1.0	1.6
26		23.0	19.1	72.0	16.482	14.3	0.3	0.0	0.3	5.2
27	17.3	24.0	20.5	74.7	18.343	16.0	0.0	0.0	0.0	7.3
28	17.0	24.5	20.8	72.2	17.931	15.8	0.3	0.0	0.0	7.9
29	17.3	23.3	18.7	83.2	18.424	16.1	1.5	0.1	1.6	4.7
30	17.0	23.5	19.2	78.4	17.686	15.5	0.7	2.5	3.2	3.0
31	17.3	19.2	18.0	91.1	18.899	16.6	1.6	0.0	1.6	0.4
PROM		24.0	20.0	75.8	17.688	15.5	28.6	71.6	100.2	131.8

ESTACION: MISIONES

MUNICIPIO: MESITAS COLEADO

1.961

ALTITUD: 1.540

LATITUD: 4-34 N.

LONGITUD: 74-16 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.3	21.5	17.7	77.8	15.746	13.7	1.3	0.0	1.3	0.7
2	16.6	22.5	20.1	68.2	16.247	14.0	0.0	0.0	0.0	1.6
3	15.8	25.0	20.3	73.3	17.244	15.1	0.0	0.5	0.5	5.2
4	16.6	22.3	18.2	77.3	16.334	14.3	1.1	7.0	8.1	1.8
5	15.6	22.5	19.4	66.8	15.000	13.0	0.3	0.4	0.7	2.9
6	16.3	22.0	18.7	71.9	15.644	13.5	0.2	0.5	0.7	4.0
7	16.0	22.5	18.4	90.7	18.904	16.6	0.2	0.0	0.2	2.9
8	16.5	23.4	20.5	72.4	17.459	15.3	0.0	0.4	0.4	3.3
9	16.4	23.5	20.8	69.8	17.257	15.2	4.7	0.0	4.7	3.9
10	17.3	25.5	20.2	69.0	16.622	14.5	0.9	0.1	1.0	5.1
11	16.0	21.3	18.3	79.9	17.035	14.9	2.2	0.0	2.2	2.4
12	17.3	27.0	21.7	63.7	16.478	14.5	0.0	0.0	0.0	7.2
13	17.2	23.0	20.1	79.2	18.562	16.2	5.5	0.3	5.8	6.1
14	17.4	22.5	20.3	85.4	20.449	17.8	9.0	0.3	9.3	2.7
15	15.6	22.0	19.0	83.8	18.841	16.5	0.0	0.0	0.0	0.6
16	15.3	23.5	20.0	64.0	15.181	13.1	0.0	0.0	0.0	3.7
17	17.1	23.3	19.3	73.3	16.703	14.6	0.8	0.0	0.8	4.7
18	17.0	23.8	20.6	66.6	16.402	14.4	0.0	0.0	0.0	6.1
19	17.4	23.3	19.8	77.3	18.031	15.9	0.0	0.0	0.0	3.0
20	18.3	25.5	20.8	76.3	18.797	16.5	0.0	0.0	0.0	4.7
21	17.2	22.5	19.7	79.1	18.129	15.9	0.0	0.0	0.0	1.5
22	16.8	25.5	21.9	64.2	17.126	15.0	0.0	0.0	0.0	6.7
23	16.5	27.0	22.4	58.9	16.208	14.1	0.0	0.0	0.0	8.9
24	17.3	25.5	21.3	66.8	16.791	14.7	0.0	0.0	0.0	1.6
25	16.2	25.0	21.3	69.7	17.616	15.5	0.0	0.0	0.0	6.8
26	16.3	24.4	20.7	69.3	16.864	14.8	0.0	0.0	0.0	5.4
27	16.7	24.0	21.7	70.1	18.069	15.9	0.0	0.0	0.0	4.0
28	18.0	25.5	21.2	70.0	17.648	15.5	0.0	3.9	3.9	5.4
29	17.0	25.4	20.9	76.9	18.865	16.6	0.0	0.0	0.0	5.4
30	16.0	25.3	21.5	66.0	17.019	14.9	0.0	1.9	1.9	8.6
PROM.	16.6	23.9	20.2	72.6	17.242	15.1	26.2	15.3	41.5	126.9

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	20.5	18.3	76.7	16.091	14.1	0.5	0.0	0.5	2.0
2	17.5	23.0	20.8	68.8	16.972	14.9	0.0	0.0	0.0	6.2
3	15.5	20.8	18.1	80.8	16.846	14.8	0.2	0.0	0.2	0.5
4	14.5	20.6	16.9	82.8	15.972	14.0	4.7	0.0	4.7	1.9
5	15.5	24.0	20.5	79.2	18.792	16.5	0.0	0.0	0.0	5.1
6	16.0	25.5	21.9	73.7	19.230	16.9	0.0	18.1	18.1	7.2
7	13.5	25.5	20.1	71.5	16.920	14.9	0.3	0.0	0.3	9.6
8	16.3	21.5	18.9	87.4	19.062	16.7	15.1	0.0	15.1	1.5
9	15.0	23.0	18.6	87.1	18.760	16.5	0.1	20.6	20.7	1.7
10	13.5	21.5	18.4	81.7	17.551	15.4	0.0	0.0	0.0	1.6
11	15.5	22.2	18.2	86.3	18.561	16.3	2.7	0.0	2.7	1.5
12	15.3	22.0	18.0	85.2	17.842	15.7	4.7	0.0	4.7	4.1
13	14.0	22.0	18.3	80.7	16.976	14.9	0.0	7.0	7.0	3.2
14	14.5	22.5	18.1	80.2	16.914	14.8	0.0	11.1	11.1	1.0
15	14.5	22.0	19.1	82.6	18.196	15.9	0.0	6.3	6.3	1.3
16	15.1	20.0	19.0	86.6	18.862	16.6	12.9	1.4	14.3	1.1
17	15.0	23.5	20.6	76.5	18.379	16.1	0.0	0.0	0.0	5.0
18	14.4	22.5	19.2	82.9	18.439	16.2	0.1	0.0	0.1	1.0
19	18.5	22.5	20.7	74.6	18.143	15.9	0.4	0.0	0.4	1.4
20	16.5	25.5	20.3	69.4	17.031	14.7	0.0	0.0	0.0	9.4
21	16.5	26.5	22.2	73.4	19.582	17.2	0.0	1.2	1.2	8.6
22	16.5	22.5	18.9	83.6	18.580	16.3	4.6	0.0	4.6	1.3
23	15.5	22.6	19.2	86.5	19.563	17.1	5.0	9.8	14.8	1.8
24	15.0	20.5	18.2	84.1	17.445	15.3	3.5	0.0	3.5	0.7
25	17.4	23.5	20.2	77.5	18.711	16.3	0.0	1.4	1.4	5.6
26	16.3	23.0	19.6	81.7	18.733	16.4	0.5	0.0	0.5	4.3
27	17.3	22.5	19.7	76.6	17.710	15.5	3.4	2.8	6.2	0.8
28	17.0	23.5	18.9	89.3	19.490	17.1	2.6	0.0	2.6	1.7
29	16.5	22.3	19.2	83.0	18.502	16.2	0.0	1.2	1.2	2.0
30	16.0	20.0	18.2	92.8	19.293	16.9	15.0	0.0	15.0	0.0
31	16.0	25.0	19.9	81.3	19.285	16.9	0.0	0.0	0.0	3.6
PROM.	15.7	22.7	19.3	80.8	18.143	15.9	76.5	80.9	157.4	96.7

ESTACION: MISIONES

MUNICIPIO: MESITAS COLEADO

1.961

ALTITUD: 1.540

LATITUD: 4-34 N.

LONGITUD: 74-18 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	23.3	18.9	85.6	18.852	16.5	0.0	0.0	0.0	2.6
2	16.6	24.0	20.4	88.9	21.198	18.4	0.0	0.0	0.0	5.7
3	16.5	24.0	20.7	86.0	21.227	18.4	0.0	46.9	46.9	4.1
4	17.1	21.5	19.5	85.1	19.259	16.9	2.4	7.3	9.7	2.9
5	15.5	22.5	20.3	70.7	16.527	14.3	0.0	0.0	0.0	4.4
6	16.5	24.5	20.9	71.2	17.782	15.6	0.0	0.0	0.0	7.1
7	17.0	24.5	21.0	77.5	19.565	17.1	2.1	0.0	2.1	5.7
8	16.0	23.0	18.5	79.7	16.979	14.9	2.3	5.7	8.0	0.8
9	15.5	22.0	19.3	86.4	19.410	17.0	0.0	0.0	0.0	5.5
10	15.5	24.5	20.6	87.3	21.365	18.5	0.0	0.0	0.0	6.2
11	15.3	25.0	19.6	83.6	19.111	16.8	0.0	55.4	55.4	6.5
12	15.5	23.0	19.2	95.1	21.268	18.4	16.5	7.6	24.1	2.8
13	15.6	23.6	20.3	89.4	21.344	18.5	0.0	14.6	14.6	3.6
14	15.0	20.5	19.1	92.9	20.490	17.8	6.2	0.0	6.2	0.4
15	15.6	22.8	19.2	88.4	19.914	17.4	0.0	0.0	0.0	4.8
16	15.3	21.5	19.8	89.7	20.337	17.8	0.4	0.0	0.4	0.3
17	16.8	24.0	20.0	88.0	20.693	18.0	0.0	13.2	13.2	4.2
18	17.5	25.0	20.6	86.0	20.947	18.3	0.0	0.2	0.2	4.4
19	17.3	24.0	19.3	90.2	20.752	18.1	3.8	8.5	12.3	4.2
20	16.3	23.0	19.8	88.7	20.622	18.0	1.0	37.2	38.2	3.6
21	16.6	20.5	18.3	92.7	19.456	17.1	0.6	0.3	0.9	0.1
22	15.0	21.5	18.5	89.6	19.127	16.8	0.0	1.6	1.6	1.0
23	16.5	21.5	19.1	88.8	19.697	17.3	0.7	0.0	0.7	1.2
24	17.0	24.0	19.4	89.0	20.210	17.7	2.8	0.0	2.8	3.3
25	16.0	25.5	19.8	87.0	19.933	17.4	0.0	0.0	0.0	2.9
26	16.4	25.0	18.6	81.7	18.479	16.1	0.5	0.6	1.1	9.0
27	17.6	24.0	20.1	90.3	21.523	18.6	0.0	0.0	0.0	2.3
28	16.6	22.2	18.5	96.1	20.396	17.8	2.9	0.0	2.9	1.4
29	17.0	23.0	19.6	88.4	20.342	17.7	0.0	2.8	2.8	1.5
30	16.6	22.5	18.9	94.2	20.783	18.1	0.0	0.0	0.0	1.3
PROM.	16.3	23.2	19.6	86.9	19.920	17.4	42.2	201.9	244.1	104.0

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	16.3	24.0	19.3	87.8	19.735	17.2	0.0	0.0	0.0	5.2
2	16.4	23.5	19.4	84.2	19.034	16.6	0.0	0.0	0.0	4.6
3	17.0	24.5	20.5	85.3	20.568	18.0	0.0	0.0	0.0	4.1
4	18.5	23.5	20.7	76.5	19.162	16.8	0.2	0.0	0.2	4.1
5	17.5	22.2	19.3	91.5	20.827	18.1	0.0	2.0	2.0	1.3
6	16.6	22.4	18.6	94.1	20.263	17.7	0.5	0.1	0.6	1.8
7	15.3	23.0	19.8	90.1	20.959	18.2	0.0	0.6	0.6	3.0
8	15.5	23.5	20.0	77.3	17.562	15.4	0.0	0.0	0.0	3.4
9	17.5	23.3	20.1	79.6	19.187	16.7	0.0	0.0	0.0	4.3
10	17.5	23.5	20.5	82.6	20.333	17.6	0.0	0.0	0.0	0.8
11	17.3	22.5	19.4	91.4	20.837	18.1	0.6	0.0	0.6	2.1
12	16.6	22.0	19.3	95.1	21.355	18.5	0.0	0.0	0.0	0.6
13	17.0	22.5	18.9	93.9	20.570	17.9	4.0	0.0	4.0	2.2
14	17.5	23.3	20.5	78.6	18.941	16.6	0.0	0.0	0.0	2.7
15	16.0	23.5	20.4	78.6	19.227	16.8	0.9	0.0	0.9	4.5
16	15.5	25.3	20.5	84.4	20.924	18.2	0.0	0.0	0.0	7.8
17	16.8	24.5	20.6	77.3	18.900	16.6	3.3	0.0	3.3	7.4
18	16.6	26.0	21.0	78.1	19.619	17.2	0.0	0.0	0.0	9.1
19	16.5	23.4	20.0	90.2	21.749	18.8	9.1	0.0	9.1	4.6
20	16.8	25.0	20.1	88.8	20.918	18.2	0.0	0.3	0.3	5.4
21	16.0	20.4	17.9	94.9	19.754	17.3	16.9	0.0	16.9	0.7
22	14.5	22.5	19.2	92.9	20.625	17.9	0.9	2.1	3.0	3.2
23	15.0	22.0	18.7	93.3	20.265	17.7	0.0	0.0	0.0	3.1
24	15.5	24.2	19.3	82.0	18.497	16.3	0.0	0.0	0.0	6.2
25	16.5	24.5	20.7	85.2	21.045	18.3	0.0	0.3	0.3	4.9
26	15.6	22.5	19.7	85.2	19.367	17.0	3.2	0.0	3.2	2.2
27	15.6	23.5	19.4	82.0	18.651	16.4	0.7	0.0	0.7	3.5
28	16.0	22.5	19.7	79.2	18.181	16.0	0.0	0.0	0.0	3.6
29	17.0	20.3	18.6	89.4	19.548	17.1	0.0	0.0	0.0	0.5
30	15.6	23.0	19.4	84.6	19.149	16.8	0.5	52.8	53.3	4.0
31	14.7	23.0	19.1	88.6	19.693	17.3	0.3	0.0	0.3	5.4
PROM.	16.3	23.2	19.7	85.9	19.853	17.3	41.1	58.2	99.3	116.3

ESTACION: MISIONES

MUNICIPIO

MESITAS COLEGIO

AÑO:

1.981

ALTITUD: 1.540

LATITUD:

4-34 N.

LONGITUD: 74-18 W.

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	16.2	24.3	19.8	14.8	26.5	82.5	19.071	16.7	23.5	7	
FEBRERO	16.9	23.5	19.8	15.0	27.0	85.8	19.750	17.3	126.3	15	114.4
MARZO	17.8	24.9	20.8	16.3	27.8	82.5	20.178	17.6	80.9	12	
ABRIL	16.6	22.5	19.5	14.8	25.0	86.2	19.501	17.1	288.7	21	
MAYO	16.5	22.6	19.5	14.5	25.5	86.9	19.689	17.2	225.9	24	74.3
JUNIO	16.6	22.9	19.5	15.0	26.0	83.8	18.983	16.6	72.8	20	83.4
JULIO		22.9	19.3	14.4	25.0	76.6	17.144	15.0	23.7	12	114.9
AGOSTO		24.0	20.0	17.0	26.5	75.8	17.688	15.5	100.2	16	131.8
SEPTIEMBRE	16.6	23.9	20.2	15.3	27.0	72.6	17.242	15.1	41.5	15	126.9
OCTUBRE	15.7	22.7	19.3	13.5	26.5	80.8	18.143	15.9	157.4	25	96.7
NOVIEMBRE	16.3	23.2	19.6	15.0	25.5	86.9	19.920	17.4	244.1	20	104.0
DICIEMBRE	16.3	23.2	19.7	14.5	26.0	85.9	19.853	17.3	99.3	17	116.3
PROMEDIO		23.4	19.8	15.0	26.2	82.2	18.930	16.6			
TOTAL									1484.3	204	

ESTACION: GRANJA TIBACUY

MUNICIPIO: TIBACUY

AÑO: 1.981

ALTITUD: 1.550

LATITUD: 4-21 N.

LONGITUD: 74-25 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.3	21.0	18.7	92.2	19.669	17.2	0.2	0.5	0.7	6.0
2	14.8	23.5	18.9	89.1	19.381	17.0	0.0	0.0	0.0	1.3
3	14.5	25.4	19.7	71.3	16.502	14.4	0.0	0.0	0.0	9.8
4	14.0	25.3	20.0	53.5	12.888	10.7	0.0	0.0	0.0	9.3
5	14.0	25.4	19.6	69.8	16.151	14.0	0.0	0.0	0.0	7.8
6	15.0	24.2	20.2	71.6	17.568	15.4	0.0	0.0	0.0	5.8
7	14.5	25.0	18.4	76.1	16.466	14.3	0.0	0.0	0.0	4.7
8	14.8	24.8	19.7	81.3	18.528	16.2	0.0	0.0	0.0	2.5
9	16.4	24.3	19.2	77.0	17.530	15.3	0.0	0.0	0.0	6.3
10	14.0	26.4	20.4	63.3	15.477	13.5	0.0	0.0	0.0	9.7
11	14.5	25.0	19.6	74.0	17.442	15.3	0.0	0.0	0.0	6.6
12	16.5	24.5	19.1	86.6	19.209	16.8	1.5	0.0	1.5	4.7
13	15.0	23.5	19.0	81.3	17.648	15.4	1.6	0.4	2.0	4.1
14	15.4	22.5	17.9	82.8	17.111	15.0	0.0	0.0	0.0	3.9
15	14.0	25.5	18.9	73.7	15.919	13.9	0.0	0.0	0.0	8.1
16	14.0	26.0	19.4	71.9	16.266	14.2	0.0	0.0	0.0	7.3
17	15.5	26.4	20.4	75.3	17.895	15.8	0.0	0.0	0.0	9.1
18	15.5	26.0	20.3	75.0	18.019	15.8	0.0	0.0	0.0	6.8
19	15.6	26.0	19.9	68.5	16.184	14.1	0.0	0.0	0.0	8.5
20	14.2	26.0	20.3	64.1	15.249	13.2	0.0	0.0	0.0	8.3
21	13.9	24.5	19.4	77.1	17.272	15.2	0.0	0.0	0.0	7.1
22	13.6	25.6	19.7	69.6	16.065	14.1	0.0	0.0	0.0	8.3
23	13.0	25.0	19.8	62.6	14.526	12.5	0.0	0.0	0.0	7.8
24	13.9	26.3	19.2	64.1	14.378	12.4	0.0	0.0	0.0	7.7
25	13.6	26.0	20.8	63.6	16.081	13.9	0.0	0.0	0.0	8.0
26	14.0	25.5	20.0	68.9	16.175	14.1	0.0	0.0	0.0	6.4
27	14.2	26.3	20.5	70.7	17.259	15.2	0.0	0.0	0.0	8.6
28	15.6	26.4	19.9	74.2	17.277	15.2	0.0	0.0	0.0	5.8
29	14.6	26.3	20.1	73.9	17.246	15.1	0.0	0.0	0.0	4.4
30	15.0	27.4	20.1	70.5	16.771	14.7	0.0	0.0	0.0	6.0
31	15.5	25.3	19.9	80.2	18.546	16.3	0.0	0.3	0.3	4.0
PROM.	14.6	25.2	19.6	73.3	16.861	14.7	3.3	10.2	13.5	204.7

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	24.3	19.4	72.6	16.634	14.5	0.0	0.0	0.0	5.0
2	15.5	26.0	20.1	68.3	15.758	13.8	0.0	0.0	0.0	6.4
3	14.6	24.5	19.6	77.1	17.575	15.5	0.0	3.2	3.2	4.1
4	16.6	24.2	19.6	82.1	18.743	16.5	0.5	0.0	0.5	3.7
5	14.0	25.0	19.1	63.9	14.305	12.3	0.0	0.0	0.0	6.3
6	15.2	25.5	20.6	69.9	16.007	14.6	0.0	0.0	0.0	5.3
7	15.6	27.0	21.3	65.8	16.247	14.3	0.0	0.0	0.0	5.7
8	14.6	26.8	21.2	61.9	15.887	13.9	0.0	0.0	0.0	6.3
9	15.6	25.3	19.0	82.9	18.393	16.2	0.0	0.0	0.0	3.1
10	14.0	26.5	20.7	63.4	15.142	13.1	0.0	0.0	0.0	5.3
11	15.0	27.1	21.5	67.7	17.376	15.2	0.0	8.5	8.5	6.5
12	14.0	23.5	18.9	85.1	18.730	16.5	0.0	0.0	0.0	3.9
13	15.9	25.1	19.2	82.0	18.568	16.3	3.9	4.9	8.8	3.1
14	16.6	22.6	19.0	81.7	18.132	15.9	0.1	0.4	0.5	4.2
15	15.0	23.0	19.3	79.5	18.230	16.0	0.0	8.2	8.2	3.0
16	15.4	23.8	19.2	87.9	19.678	17.2	0.8	0.0	0.8	3.9
17	16.3	22.0	18.3	86.0	18.650	16.3	0.0	0.0	0.0	1.3
18	14.3	24.0	20.3	72.9	17.196	15.1	0.0	0.0	0.0	4.1
19	14.3	22.8	18.4	89.3	19.155	16.8	0.0	0.0	0.0	1.4
20	14.8	22.0	17.6	79.4	16.586	14.5	2.5	0.0	2.5	2.3
21	13.6	23.4	18.7	73.9	15.965	13.9	0.0	0.0	0.0	7.2
22	15.0	22.7	19.2	76.5	17.349	15.2	0.9	0.0	0.9	2.4
23	15.0	20.3	17.6	93.5	19.297	16.9	7.4	0.0	7.4	0.5
24	14.5	21.0	17.7	90.1	18.522	16.3	0.0	0.0	0.0	1.8
25	14.5	21.0	17.8	86.6	17.948	15.7	1.3	0.0	1.3	1.8
26	13.5	25.5	20.0	77.3	18.092	15.9	0.0	0.0	0.0	5.8
27	15.2	25.4	19.2	78.3	17.607	15.5	0.0	0.0	0.0	3.6
28	15.4	24.3	20.2	76.6	18.204	16.0	0.0	0.0	0.0	0.6
PROM.	15.0	24.1	19.4	77.6	17.521	15.4	17.4	25.2	42.6	108.6

ESTACION: GRANJA TIBACUY

MUNICIPIO: TIBACUY

AÑO: 1.981

ALTITUD: 1.550

LATITUD: 4-21 N.

LONGITUD: 74-25 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	27.3	21.0	69.7	17.256	15.1	0.0	0.0	0.0	5.3
2	16.8	26.8	20.4	77.5	18.875	16.6	0.5	0.0	0.5	6.6
3	14.0	24.4	20.2	72.8	17.010	14.9	0.0	0.0	0.0	2.5
4	13.5	25.6	20.9	66.3	16.006	13.9	0.0	0.0	0.0	4.7
5	15.3	27.1	22.8	63.7	17.439	15.3	0.0	2.0	2.0	4.5
6	15.5	22.0	18.6	81.9	17.458	15.3	12.5	7.7	20.2	0.6
7	16.6	22.5	19.8	85.2	19.630	17.2	0.0	0.0	0.0	0.5
8	16.5	22.6	19.9	83.7	19.397	17.0	0.0	0.0	0.0	1.3
9	15.8	21.5	17.8	91.4	18.871	16.6	0.0	0.0	0.0	1.4
10	15.4	24.0	19.1	82.8	18.614	16.3	0.0	0.0	0.0	3.1
11	15.0	24.3	19.4	77.0	17.594	15.6	0.0	0.0	0.0	5.0
12	14.3	25.2	20.5	68.8	17.230	15.0	0.0	0.0	0.0	6.7
13	15.3	26.0	20.5	67.5	16.600	14.5	0.0	0.0	0.0	4.4
14	15.6	25.0	19.1	86.8	19.387	17.0	2.2	0.0	2.2	3.6
15	15.5	25.0	20.0	78.0	18.543	16.3	5.3	0.1	5.4	4.9
16	16.6	24.3	19.6	82.5	19.075	16.7	0.0	0.0	0.0	5.0
17	16.0	24.9	19.9	83.3	19.569	17.1	0.5	0.0	0.5	4.9
18	14.2	24.6	19.7	80.1	18.517	16.3	0.0	0.0	0.0	6.7
19	16.0	24.6	20.0	82.5	19.415	17.0	0.0	0.0	0.0	4.9
20	15.3	27.0	20.7	77.3	18.733	16.4	0.0	0.0	0.0	5.8
21	14.6	25.5	20.3	68.2	16.073	14.0	0.0	0.0	0.0	5.7
22	16.5	25.0	20.3	73.1	17.498	15.4	0.0	0.0	0.0	4.9
23	16.0	25.5	20.2	70.5	16.763	14.7	0.0	0.0	0.0	1.1
24	14.6	24.5	19.6	73.1	16.822	14.8	0.0	0.0	0.0	4.7
25	13.6	26.0	20.8	68.6	16.520	14.5	0.0	0.0	0.0	6.0
26	15.4	22.0	18.5	85.9	18.595	16.4	1.8	0.0	1.8	0.8
27	14.0	25.0	19.4	73.4	16.653	14.6	0.0	0.0	0.0	8.0
28	13.5	25.5	21.2	63.3	15.893	13.9	0.0	0.0	0.0	4.8
29	16.0	25.0	20.8	75.1	18.513	16.2	0.0	0.8	0.8	5.5
30	14.3	25.4	20.5	68.2	16.617	14.6	0.0	0.0	0.0	7.8
31	15.5	28.0	21.6	59.2	14.993	12.9	0.0	0.0	0.0	7.4
PROM.	15.2	24.9	20.1	75.4	17.750	15.6	22.8	10.6	33.4	139.1

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	26.5	21.4	60.6	15.550	13.6	0.0	0.0	0.0	6.5
2	15.6	26.0	20.9	69.5	17.344	15.3	0.0	0.0	0.0	4.1
3	14.6	26.5	21.3	69.5	17.737	15.6	0.0	0.0	0.0	4.4
4	16.8	25.0	19.0	83.4	18.856	16.5	0.7	6.8	7.5	2.4
5	15.3	20.0	17.5	93.5	18.895	16.6	2.9	27.0	29.9	0.0
6	14.8	23.0	18.9	81.6	17.729	15.6	0.0	0.0	0.0	2.0
7	15.0	21.0	18.5	77.3	16.512	14.4	0.0	0.0	0.0	2.1
8	15.2	23.0	18.4	82.6	17.640	15.5	0.1	3.2	3.3	1.1
9	15.0	25.1	19.4	77.5	17.749	15.6	0.0	0.0	0.0	6.9
10	14.5	24.4	19.2	76.3	17.371	15.2	0.0	0.0	0.0	2.3
11	17.5	25.0	20.3	72.7	17.556	15.5	0.0	0.0	0.0	2.3
12	16.5	19.5	17.9	85.0	17.615	15.4	0.5	1.1	1.6	0.0
13	15.3	23.5	19.2	82.2	18.547	16.3	4.4	1.6	6.0	1.3
14	15.5	21.7	18.2	85.9	18.282	16.0	1.9	0.1	2.0	0.6
15	16.5	24.0	19.2	81.1	18.321	16.1	0.0	5.6	5.6	2.3
16	14.9	22.3	17.4	88.5	17.944	15.8	4.2	0.0	4.2	0.8
17	15.4	24.2	18.4	83.6	18.090	15.9	19.4	1.8	21.2	3.1
18	15.5	25.5	20.1	74.4	17.806	15.6	0.5	48.9	49.4	3.1
19	14.0	21.2	17.4	88.3	17.715	15.6	2.7	0.0	2.7	0.4
20	14.2	23.0	18.6	87.9	18.811	16.5	0.0	0.0	0.0	2.6
21	15.2	25.5	19.9	77.0	18.201	16.0	0.0	9.4	9.4	8.3
22	15.6	24.0	18.9	85.8	19.099	16.7	0.4	0.0	0.4	2.0
23	14.4	24.7	19.6	82.4	19.263	16.9	1.3	4.9	6.2	4.6
24	15.5	23.0	19.9	87.3	20.149	17.6	0.0	0.0	0.0	3.1
25	14.0	24.0	19.6	68.0	16.132	14.0	0.0	0.6	0.6	4.7
26	16.5	24.0	19.5	76.8	17.779	15.6	0.0	0.0	0.0	1.2
27	16.5	22.0	19.3	81.2	18.560	16.3	0.0	0.4	0.4	0.3
28	15.9	24.0	18.4	91.0	19.679	17.2	2.9	0.0	2.9	1.7
29	16.3	23.5	19.2	83.7	19.040	16.7	4.4	4.4	8.8	4.9
30	14.5	23.3	18.9	82.5	18.451	16.2	0.0	16.7	16.7	5.7
PROM.	15.4	23.6	19.1	80.6	18.081	15.9	46.3	132.5	178.8	84.8

ESTACION: GRANJA TIBACUY
 ALTITUD: 1.550

MUNICIPIO: TIBACUY
 LATITUD: 4-21 N.

AÑO: 1.981
 LONGITUD: 74-25 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	22.5	18.4	89.6	19.309	16.9	3.9	0.0	3.9	1.9
2	15.5	24.5	19.0	91.6	20.016	17.5	0.8	3.8	4.6	1.4
3	16.0	22.4	18.4	87.6	18.927	16.6	0.0	10.1	10.1	1.5
4	14.0	20.5	16.7	92.7	17.810	15.7	11.3	0.0	11.3	1.4
5	14.5	24.3	18.8	84.3	19.038	16.6	2.7	23.1	25.8	2.8
6	14.0	24.2	18.4	86.1	18.379	16.2	0.0	1.6	1.6	6.3
7	15.5	22.4	18.7	88.1	19.662	17.2	10.8	7.0	17.8	3.3
8	14.2	20.5	17.0	88.7	17.377	15.3	5.0	1.5	6.5	1.4
9	14.5	20.0	17.6	85.6	17.358	15.3	0.0	0.0	0.0	0.3
10	16.3	23.0	18.6	89.8	19.537	17.1	0.0	20.0	20.0	2.2
11	16.0	23.5	18.7	86.2	18.817	16.5	0.0	1.9	2.0	3.9
12	15.6	22.5	18.2	89.9	19.224	16.8	0.0	0.0	0.0	2.1
13	15.0	25.5	19.6	75.8	17.373	15.3	0.0	0.0	0.0	6.7
14	16.4	24.3	20.0	78.7	18.341	16.1	2.8	13.0	15.8	3.3
15	15.4	24.5	18.7	87.9	19.549	17.1	1.6	14.8	16.4	5.7
16	14.2	21.0	18.0	88.8	18.519	16.3	5.2	0.0	5.2	1.7
17	14.6	22.0	20.3	73.5	18.160	15.9	1.9	0.0	1.9	6.3
18	16.0	22.6	18.5	88.2	19.104	16.7	10.2	0.0	10.2	1.2
19	14.5	25.8	19.6	83.5	19.798	17.3	0.0	0.0	0.0	6.5
20	15.4	25.8	19.7	74.2	17.926	15.6	0.0	0.0	0.0	6.6
21	17.0	24.0	19.2	85.0	19.232	16.9	5.3	0.0	5.3	4.3
22	15.6	25.5	20.2	75.3	18.388	16.1	0.0	0.4	0.4	7.0
23	15.5	23.3	18.9	89.0	19.732	17.3	4.3	0.0	4.3	3.0
24	15.5	23.0	20.4	80.0	19.736	17.3	0.6	7.6	8.2	1.5
25	15.8	21.0	18.3	93.9	20.061	17.5	4.9	0.0	4.9	0.1
26	15.2	25.3	18.8	79.2	17.397	15.3	0.0	1.7	1.7	3.2
27	15.6	22.5	19.1	85.0	19.072	16.8	0.0	0.0	0.0	1.4
28	15.0	24.0	19.9	76.8	18.431	16.2	0.3	17.2	17.5	6.6
29	14.9	24.0	19.3	81.6	18.379	16.2	0.0	7.2	7.2	6.4
30	14.4	24.2	20.3	75.8	18.330	16.0	0.0	12.7	12.7	5.3
31	15.3	24.6	19.7	82.6	19.538	17.1	0.0	0.0	0.0	6.5
PROM.	15.2	23.5	18.9	84.4	18.791	16.5	71.9	143.6	215.5	111.8

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	24.0	19.3	89.1	20.401	17.8	0.0	38.4	38.4	3.9
2	14.5	23.0	17.5	82.0	16.859	14.8	0.0	0.0	0.0	5.1
3	14.5	25.0	20.2	75.5	18.546	16.2	0.0	0.0	0.0	9.4
4	16.0	26.5	21.3	73.2	18.353	16.0	0.0	0.0	0.0	8.4
5	15.5	26.0	20.5	71.3	17.727	15.5	0.0	0.0	0.0	9.2
6	15.5	25.0	20.7	76.3	19.119	16.7	0.0	0.0	0.0	3.0
7	16.0	22.5	19.3	86.0	19.436	17.0	0.0	3.1	3.1	3.2
8	16.5	23.7	19.1	85.5	19.233	16.9	0.0	15.0	15.2	2.2
9	15.4	22.2	17.6	91.2	18.555	16.3	0.0	0.0	0.0	0.8
10	16.0	23.0	18.1	87.1	18.558	16.3	0.0	0.0	0.0	2.4
11	15.8	22.2	18.2	86.9	18.445	16.2	0.0	0.0	0.0	3.2
12	16.4	23.0	18.3	86.5	18.667	16.4	0.3	1.7	2.0	1.1
13	15.2	20.0	17.6	93.1	18.739	16.5	0.4	0.3	0.7	0.5
14	14.5	24.0	18.9	78.2	17.396	15.3	0.0	0.0	0.0	4.8
15	14.6	24.0	19.9	78.6	18.725	16.4	7.9	0.4	8.3	4.6
16	13.6	23.6	18.9	70.5	15.880	13.6	0.0	6.7	6.7	5.3
17	15.0	24.0	19.3	86.0	19.588	17.1	0.0	3.1	3.1	7.7
18	14.9	20.0	16.8	94.2	18.623	16.4	4.2	0.0	4.2	1.5
19	13.4	23.8	18.4	79.0	17.322	15.2	0.8	0.0	0.8	4.6
20	14.5	23.0	18.3	87.9	18.975	16.6	0.0	3.2	3.2	7.0
21	14.0	23.6	19.6	80.4	18.936	16.6	0.0	0.0	0.0	8.3
22	14.5	23.5	19.8	81.5	19.252	16.9	0.0	3.7	3.7	6.3
23	14.0	22.5	18.8	94.1	20.694	18.0	0.0	0.0	0.0	3.3
24	14.2	22.9	18.1	91.8	19.999	17.4	2.7	0.0	2.7	2.4
25	14.2	21.5	18.0	88.6	18.469	16.2	0.0	0.0	0.0	1.0
26	14.0	23.0	18.8	85.2	18.964	16.6	0.0	0.0	0.0	1.9
27	14.4	24.5	19.1	90.5	20.369	17.8	0.0	0.0	0.0	5.9
28	15.3	23.6	19.8	82.9	19.780	17.3	0.0	0.1	0.1	4.7
29	16.0	23.6	19.6	91.1	21.192	18.3	0.0	0.6	0.6	1.2
30	14.2	22.6	17.8	96.4	20.102	17.6	0.2	0.0	0.2	3.8
PROM.	15.0	23.3	18.9	84.7	18.897	16.5	16.7	76.3	93.0	126.7

ESTACION: GRANJA TIBACUY

MUNICIPIO: TIBACUY

AÑO: 1.921

ALTITUD: 1.550

LATITUD: 4-21 N.

LONGITUD: 74-25 S.

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	13.7	22.6	19.4	91.1	20.691	18.0	0.0	0.0	0.0	2.7
2	14.5	23.0	18.5	90.2	19.651	17.1	0.0	0.0	0.0	2.4
3	15.4	23.0	18.4	88.6	19.359	17.0	0.0	0.0	0.0	2.7
4	15.5	22.0	17.9	91.0	19.196	16.8	3.8	0.0	3.8	3.7
5	14.6	22.0	18.5	93.1	20.282	17.7	0.1	1.1	1.2	3.7
6	14.5	22.0	18.1	91.7	19.216	16.8	0.0	0.0	0.0	1.9
7	14.3	23.5	18.9	89.7	19.964	17.4	0.0	0.0	0.0	5.7
8	14.8	24.5	18.9	89.5	19.672	17.2	0.0	0.0	0.0	5.7
9	15.2	23.3	18.9	90.1	20.228	17.6	0.6	0.1	0.7	4.4
10	15.3	22.0	17.7	97.0	20.210	17.6	6.1	0.4	6.5	0.9
11	14.6	21.5	18.0	94.6	19.787	17.3	1.7	0.0	1.7	3.1
12	13.5	24.0	19.5	84.4	19.739	17.3	0.0	0.0	0.0	5.7
13	14.9	24.0	18.5	86.4	18.956	16.6	0.0	0.0	0.0	6.5
14	14.0	21.6	17.6	89.6	18.354	16.1	0.3	0.4	0.7	2.3
15	14.3	22.0	18.0	89.8	18.910	16.6	1.3	0.0	1.3	1.9
16	13.8	22.6	18.3	90.0	19.221	16.8	0.1	0.0	0.1	1.1
17	14.2	21.0	16.8	94.5	18.408	16.2	0.2	0.0	0.2	2.0
18	13.6	22.6	17.9	83.0	17.645	15.5	0.0	3.5	3.5	5.4
19	14.8	23.3	18.6	86.7	19.134	16.8	0.0	0.0	0.0	5.5
20	14.3	23.0	18.5	86.3	18.522	16.3	0.0	0.0	0.0	4.1
21	13.0	23.8	18.9	74.1	16.365	14.3	0.0	0.0	0.0	8.3
22	12.5	24.8	19.0	70.4	15.673	13.7	0.0	0.0	0.0	7.4
23	14.0	25.0	19.2	77.3	17.613	15.5	0.0	0.0	0.0	8.0
24	13.0	24.0	18.3	75.8	16.099	14.1	0.0	0.0	0.0	8.2
25	12.5	23.6	18.8	71.6	15.615	13.6	0.0	0.0	0.0	9.4
26	13.6	24.5	19.0	73.1	16.282	14.2	0.0	0.0	0.0	8.0
27	13.0	24.3	19.2	80.3	17.936	15.7	0.0	0.0	0.0	8.0
28	14.0	23.6	18.3	81.4	17.358	15.3	0.0	0.0	0.0	8.0
29	13.0	25.3	18.6	82.0	17.708	15.6	0.0	0.0	0.0	2.6
30	15.0	25.0	19.3	79.4	17.948	15.8	0.0	0.0	0.0	4.8
31	15.5	23.6	19.7	82.3	19.371	17.0	0.0	0.0	0.0	4.5
PROM.	14.2	23.3	18.6	85.3	18.552	16.2	14.2	5.5	19.7	

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	24.0	18.9	85.3	18.952	16.7	0.0	0.0	0.0	6.4
2	15.0	25.0	18.6	81.6	17.749	15.6	0.2	0.0	0.2	
3	15.6	23.8	18.7	85.6	18.724	16.5	0.0	0.0	0.0	1.9
4	16.0	25.0	20.6	83.3	20.478	17.9	0.0	0.0	0.0	5.6
5	13.6	26.4	20.0	74.1	17.867	15.7	0.0	0.0	0.0	6.4
6	14.2	26.8	20.3	77.4	18.515	16.3	0.0	0.0	0.0	5.6
7	14.4	23.0	19.5	85.3	20.045	17.4	0.0	1.3	1.3	2.8
8	15.5	22.5	19.3	91.2	20.466	17.9	0.0	0.0	0.0	2.3
9	16.0	23.0	18.6	89.4	19.497	17.1	0.0	0.0	0.0	1.9
10	15.6	27.5	20.4	73.3	17.610	15.5	0.0	0.0	0.0	6.9
11	15.2	26.0	20.0	71.0	17.028	14.8	0.0	2.8	2.8	3.8
12	15.2	20.0	17.0	95.4	18.887	16.6	1.9	0.0	1.9	0.0
13	14.6	23.0	18.4	69.1	19.102	16.8	0.0	3.7	3.7	2.1
14	13.2	22.6	18.6	87.1	18.599	16.4	0.0	0.0	0.0	4.7
15	14.5	25.0	18.9	77.7	16.845	14.8	0.0	0.0	0.0	7.6
16	15.0	25.6	19.6	79.2	18.241	16.0	0.0	31.4	31.4	2.9
17	14.5	23.5	18.6	86.8	18.715	16.5	0.0	0.0	0.0	4.6
18	14.6	22.5	18.3	88.1	18.989	16.6	1.6	0.0	1.6	2.0
19	13.0	22.0	17.8	85.3	17.620	15.5	0.0	0.0	0.0	3.7
20	13.6	24.9	18.9	76.6	16.967	14.9	0.0	0.0	0.0	7.8
21	15.3	25.6	20.4	75.6	18.085	15.9	0.0	0.0	0.0	5.7
22	15.6	22.0	18.6	90.3	19.773	17.3	0.0	22.0	22.0	3.7
23	15.4	23.3	18.6	89.1	19.312	16.9	0.0	40.0	40.0	2.1
24	14.6	24.6	19.6	77.2	17.900	15.7	10.0	0.0	10.0	4.1
25	14.5	22.3	17.5	94.5	18.880	16.6	2.1	0.0	2.1	1.2
26	13.0	24.0	18.8	72.3	16.041	14.0	0.0	0.0	0.0	7.2
27	15.3	25.0	19.9	74.6	17.446	15.3	0.0	0.0	0.0	9.5
28	13.3	25.0	19.6	67.8	15.501	13.4	0.0	0.0	0.0	7.9
29	14.2	24.2	18.9	70.7	15.770	13.7	3.1	0.2	3.3	4.5
30	14.6	23.6	18.7	69.6	15.161	13.2	0.0	0.0	0.0	1.8
31	14.6	21.5	16.5	83.2	15.947	13.9	2.4	0.0	2.4	2.0
PROM	14.7	24.0	19.0	81.5	18.087	15.9	21.3	101.4	122.7	

ESTACION: GRANJA TIBACUY
 ALTITUD: 1.550

MUNICIPIO: TIBACUY
 LATITUD: 4-21 N.

AÑO: 1.981
 LONGITUD: 74-25 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	20.1	17.5	77.6	15.626	13.6	0.0	0.0	0.0	0.2
2	14.3	23.2	19.0	67.7	14.800	12.8	0.0	0.0	0.0	2.9
3	14.5	24.1	18.3	70.1	14.700	12.7	0.0	0.4	0.4	2.2
4	15.0	22.3	17.9	81.4	16.808	14.8	1.5	0.3	1.8	1.2
5	15.0	23.0	18.1	72.9	15.417	13.5	0.2	0.0	0.2	2.0
6	14.6	23.2	17.9	69.2	14.406	12.4	0.0	0.2	0.2	2.1
7	15.0	21.0	17.9	79.7	16.544	14.5	0.0	0.0	0.0	3.0
8	13.2	24.2	19.8	72.9	16.516	14.5	0.0	0.2	0.2	3.9
9	15.2	24.1	19.6	63.0	14.539	12.5	0.0	0.0	0.0	5.0
10	15.0	24.0	19.4	78.1	17.505	15.4	0.0	0.0	0.0	2.7
11	15.0	20.8	16.8	83.6	16.498	14.4	0.2	0.0	0.2	1.7
12	14.0	26.6	20.3	64.6	14.918	12.9	0.0	0.0	0.0	6.8
13	14.6	24.2	18.5	76.7	16.516	14.4	0.0	0.0	0.0	6.4
14	14.3	24.2	19.4	74.7	17.063	15.0	1.0	17.6	18.6	5.5
15	14.0	22.2	18.2	75.3	15.813	13.8	0.7	0.0	0.7	7.0
16	14.2	24.2	19.5	64.9	14.853	12.8	0.0	0.0	0.0	7.4
17	13.3	24.0	18.8	67.4	14.835	12.8	0.0	0.0	0.0	5.5
18	13.3	25.7	20.0	60.4	14.119	12.1	0.0	0.0	0.0	6.2
19	15.5	23.6	18.5	68.0	14.702	12.7	0.0	0.0	0.0	4.8
20	14.0	24.0	18.5	69.4	14.681	12.7	0.0	0.0	0.0	4.8
21	15.2	22.7	18.8	74.3	16.292	14.3	0.0	0.0	0.0	1.6
22	13.6	25.6	20.6	53.5	13.144	11.0	0.0	0.0	0.0	7.5
23	12.6	25.4	21.0	52.7	13.129	11.0	0.0	0.0	0.0	7.4
24	14.2	23.5	19.8	62.2	14.430	12.4	0.0	0.0	0.0	0.9
25	13.2	25.3	20.3	60.3	14.308	12.3	0.0	1.0	1.0	6.6
26	14.6	25.0	19.6	57.8	13.404	11.3	0.0	0.0	0.0	7.4
27	12.5	25.0	19.5	58.3	13.138	11.0	0.0	0.0	0.0	4.9
28	15.5	23.8	21.0	62.3	15.475	13.5	0.0	1.3	1.3	2.7
29	15.0	26.2	21.0	66.8	16.442	14.4	0.0	0.0	0.0	5.8
30	15.0	25.8	21.0	59.0	14.545	12.4	0.0	3.8	3.8	8.0
PROM.	14.3	23.9	19.2	68.2	15.172	13.1	3.6	24.8	28.4	126.5

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	13.8	24.0	19.1	69.5	15.337	13.2	0.3	0.0	0.3	3.5
2	16.8	24.6	20.4	58.5	14.367	12.3	0.0	0.3	0.3	6.6
3	14.2	24.2	19.4	64.2	14.609	12.6	0.0	0.0	0.0	4.9
4	15.0	23.0	17.7	79.8	16.169	14.1	0.0	2.2	2.2	6.9
5	14.6	25.3	19.3	66.0	14.167	11.5	0.0	0.0	0.0	6.9
6	14.0	27.0	19.8	64.0	15.147	13.2	4.4	2.0	6.4	6.8
7	13.4	26.2	20.5	68.2	16.090	14.1	0.0	0.0	0.0	7.7
8	15.0	24.0	18.8	73.7	16.307	14.3	0.6	0.0	0.6	3.1
9	15.4	23.2	19.1	78.5	17.256	15.2	0.3	38.1	38.4	0.4
10	14.6	23.5	18.7	70.7	15.264	13.2	0.0	0.0	0.0	4.5
11	14.0	22.4	17.3	81.7	16.685	14.4	1.1	0.0	1.1	2.9
12	13.6	24.0	19.0	72.6	16.368	14.3	0.0	0.0	0.0	3.0
13	15.6	24.4	19.0	80.5	17.995	15.8	2.0	1.3	3.3	0.7
14	16.5	22.5	19.4	82.4	18.758	16.5	1.5	2.8	4.3	4.8
15	15.3	24.0	19.4	78.1	17.543	15.4	1.6	0.3	1.9	2.4
16	15.6	23.0	18.8	78.7	17.009	15.0	0.1	0.0	0.1	2.7
17	14.8	22.5	18.7	74.6	16.333	14.3	0.0	0.0	0.0	2.7
18	16.5	23.0	18.8	67.4	15.096	13.1	0.0	0.0	0.0	1.7
19	15.0	25.0	19.7	65.6	15.486	13.3	0.0	0.0	0.0	4.3
20	18.0	25.0	20.1	63.2	15.223	13.2	0.0	0.0	0.0	8.4
21	18.0	24.8	20.7	59.8	14.838	12.9	0.0	0.0	0.0	6.9
22	15.0	23.2	18.7	74.7	16.101	14.0	0.0	0.0	0.0	3.4
23	16.2	22.3	18.6	80.6	17.266	15.1	1.4	10.8	12.2	1.7
24	13.7	22.2	17.6	86.2	17.350	15.3	0.2	0.0	0.2	5.4
25	13.6	25.6	18.5	67.6	15.065	12.8	0.0	0.0	0.0	4.0
26	14.5	23.4	20.0	71.0	16.370	14.2	0.3	0.9	1.2	1.9
27	15.2	23.0	18.5	74.9	16.577	14.5	4.6	5.2	9.8	2.0
28	14.4	23.0	18.4	77.9	16.796	14.8	0.0	0.0	0.0	3.9
29	13.2	23.5	19.0	70.3	15.883	13.9	0.2	1.6	1.8	0.2
30	14.6	21.0	16.9	86.0	16.692	14.7	10.0	0.0	10.0	2.4
31	13.6	23.6	18.3	80.1	17.388	15.3	9.9	0.0	9.9	
PROM.	15.0	23.8	19.0	73.1	16.179	14.1	38.5	65.5	104.0	

ESTACION: GRANJA TIBACUY
 ALTITUD: 1.550

MUNICIPIO: TIBACUY
 LATITUD: 4-21 N.

AÑO: 1.981
 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	14.4	22.5	17.7	77.0	15.740	13.8	0.0	0.0	0.0	
2	14.2	23.6	19.0	81.0	18.020	15.8	0.0	0.0	0.0	6.9
3	15.2	24.5	19.3	78.4	17.913	15.8	0.8	18.9	19.7	6.7
4	15.0	23.0	18.6	81.2	17.546	15.4	0.4	9.8	10.2	3.4
5	14.0	25.0	19.6	64.0	14.590	12.4	0.0	0.0	0.0	5.8
6	14.4	25.0	20.8	61.2	15.259	13.2	0.0	0.0	0.0	8.7
7	15.3	24.3	19.2	68.5	15.451	13.4	7.4	0.0	7.4	5.7
8	16.3	21.8	18.2	76.7	16.060	14.0	4.3	18.3	22.6	
9	13.2	23.0	19.0	80.2	17.772	15.7	0.0	0.0	0.0	5.6
10	15.0	23.6	19.7	75.9	17.555	15.4	0.0	0.0	0.0	5.1
11	15.6	25.0	19.6	71.6	16.485	14.4	0.0	0.0	0.0	5.4
12	15.5	23.5	19.5	74.9	17.092	15.0	1.5	0.1	1.6	1.8
13	14.4	23.0	19.6	78.4	18.168	15.9	2.3	5.8	8.1	3.4
14	16.2	21.8	17.9	82.7	17.173	15.1	0.6	0.0	0.6	3.8
15	14.6	22.5	18.1	78.7	16.690	14.6	1.2	7.4	8.6	
16	16.2	23.6	18.9	79.5	17.496	15.4	0.0	0.0	0.0	4.3
17	16.5	23.6	20.3	69.7	16.775	14.6	0.0	0.4	0.4	4.0
18	15.2	24.6	19.8	77.3	18.117	16.0	0.0	0.7	0.7	6.0
19	16.0	24.5	20.7	69.9	17.313	15.1	0.0	1.7	1.7	5.9
20	14.7	23.1	19.0	76.8	17.096	15.0	0.0	21.2	21.2	2.2
21	14.8	21.3	17.8	81.4	16.713	14.7	0.0	0.5	0.5	2.8
22	16.4	22.2	17.9	76.6	15.792	13.8	0.0	0.0	0.0	
23	16.5	22.6	18.8	76.5	16.753	14.7	0.0	0.0	0.0	2.3
24	15.6	23.6	18.8	81.3	17.971	15.8	0.6	2.5	3.1	2.4
25	16.5	24.5	18.5	72.8	15.504	13.5	3.1	0.0	3.1	4.0
26	13.5	25.0	19.7	66.6	15.681	13.7	0.3	0.0	0.3	8.8
27	14.4	24.0	20.5	73.3	18.143	15.9	0.1	3.6	3.7	6.4
28	14.7	23.0	19.0	75.9	16.872	14.8	1.4	0.0	1.4	5.1
29	14.4	23.6	18.0	79.2	16.680	14.6	0.0	1.2	1.2	
30	13.6	21.0	18.0	84.4	17.591	15.5	0.0	0.0	0.0	1.6
PROM.	15.1	23.4	19.1	75.7	16.867	14.8	24.0	92.1	116.1	

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	13.6	24.6	18.9	76.5	16.859	14.8	0.0	0.0	0.0	8.2
2	14.4	23.6	18.7	74.9	16.706	14.6	0.0	0.0	0.0	4.2
3	13.7	24.2	19.7	60.0	14.021	12.0	0.0	0.0	0.0	3.3
4	14.6	24.5	19.8	74.3	17.460	15.3	0.0	0.0	0.0	5.9
5	15.0	23.0	18.3	88.0	18.653	16.4	0.9	1.1	2.0	5.1
6	15.5	22.5	18.4	78.5	16.803	14.8	0.0	5.2	5.2	8.2
7	16.0	24.3	19.0	81.5	17.983	15.8	0.0	0.0	0.0	
8	16.0	24.3	18.6	74.3	16.064	14.0	0.2	0.0	0.2	
9	13.2	24.0	19.4	66.6	15.465	13.5	0.0	0.0	0.0	5.8
10	13.6	23.5	19.5	67.1	15.674	13.6	0.0	0.0	0.0	2.6
11	14.4	23.0	18.8	78.0	17.065	15.0	0.0	0.0	0.0	2.6
12	15.5	23.0	17.9	80.8	16.863	14.8	0.0	0.0	0.0	4.2
13	14.5	24.2	17.9	73.6	15.359	13.3	0.0	0.0	0.0	
14	13.5	24.8	20.2	66.8	15.614	13.5	0.0	0.0	0.0	4.8
15	14.4	24.0	19.7	69.3	16.355	14.1	0.5	0.0	0.5	5.0
16	13.2	25.0	19.8	65.7	15.472	13.5	0.0	0.0	0.0	9.0
17	12.6	25.0	19.9	66.4	15.901	13.8	0.0	0.0	0.0	7.5
18	13.6	25.6	20.0	52.5	13.096	10.7	0.0	0.0	0.0	8.3
19	14.2	24.0	19.5	72.7	16.900	14.9	0.0	0.0	0.0	7.1
20	15.3	24.4	19.0	74.3	16.488	14.5	0.0	0.0	0.0	
21	16.3	24.0	19.0	78.4	16.687	14.4	8.5	0.0	0.5	1.5
22	14.5	24.0	20.9	74.9	18.245	15.9	0.0	0.3	0.3	4.4
23	15.6	23.5	18.9	68.9	15.233	13.3	0.0	0.0	0.0	6.9
24	14.5	26.5	20.3	64.5	15.515	13.5	0.0	0.0	0.0	9.6
25	15.6	26.0	19.7	66.5	15.319	13.3	0.0	0.0	0.0	
26	16.4	21.6	18.8	78.0	17.084	15.0	0.0	0.0	0.0	2.8
27	16.4	22.5	18.9	68.2	15.289	13.2	24.5	0.0	24.5	
28	15.0	25.5	20.0	68.3	16.290	14.2	0.0	0.0	0.0	6.3
29	14.5	23.4	18.7	76.9	17.404	15.3	0.0	0.0	0.0	1.0
30	14.0	24.6	19.7	73.3	16.828	14.7	0.0	38.9	38.9	6.0
31	13.8	24.0	18.9	81.6	17.789	15.7	2.3	3.3	5.6	5.3
PROM	14.6	24.1	19.3	72.3	16.339	14.2	28.9	48.8	77.7	

ESTACION: GRANJA TIBACUY

MUNICIPIO TIBACUY

AÑO: 1.981

ALTITUD: 1.550

LATITUD: 4-21 N.

LONGITUD: 74-25 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	14.6	25.2	19.6	13.0	27.4	73.3	16.861	14.7	13.5	4	204.7
FEBRERO	15.0	24.1	19.4	13.5	27.1	77.6	17.521	15.4	42.6	11	108.6
MARZO	15.2	24.9	20.1	13.5	28.0	75.4	17.750	15.6	33.4	8	139.1
ABRIL	15.4	23.6	19.1	14.0	26.5	80.6	18.081	15.9	178.8	19	84.8
MAYO	15.2	23.5	18.9	14.0	26.0	84.4	18.791	16.5	215.5	25	111.8
JUNIO	15.0	23.3	18.9	13.4	26.5	84.7	18.897	16.5	93.0	16	126.7
JULIO	14.2	23.3	18.6	12.5	25.3	85.3	18.552	16.2	19.7	10	
AGOSTO	14.7	24.0	19.0	13.0	27.5	81.5	18.087	15.9	122.7	13	
SEPTIEMBRE	14.3	23.9	19.2	12.5	26.6	68.2	15.172	13.1	28.4	11	126.5
OCTUBRE	15.0	23.8	19.0	13.2	27.0	73.1	16.179	14.1	104.0	18	
NOVIEMBRE	15.1	23.4	19.1	13.2	25.0	75.7	16.867	14.8	116.1	19	
DICIEMBRE	14.6	24.1	19.3	12.6	26.5	72.3	16.339	14.2	77.7	9	
PROMEDIO	14.9	23.9	19.2	13.2	26.6	77.7	17.425	15.2			
TOTAL									1045.4	163	

ESTACION: JORGE VILLAMIL
 ALTITUD: 1.500

MUNICIPIO: GIGANTE
 LATITUD: 2-22 N.

AÑO: 1961
 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	16.0	22.5	19.3	86.9	19.393	17.0	0.0	0.0	0.0	2.7
2	15.6	21.5	18.9	86.0	18.791	16.5	1.1	0.7	1.8	0.2
3	16.0	24.8	20.1	82.2	19.112	16.8	0.0	0.0	0.0	4.2
4	13.6	27.3	20.3	50.1	11.833	9.5	0.0	0.0	0.0	9.3
5	14.5	24.8	20.1	71.3	16.503	14.4	0.0	0.0	0.0	4.7
6	16.0	24.0	19.5	77.2	17.622	15.5	4.2	0.0	4.2	4.5
7	16.5	24.0	20.0	78.2	18.128	16.0	0.2	0.0	0.2	1.5
8	16.0	21.3	17.5	90.2	18.231	16.0	9.2	0.0	9.2	0.4
9	15.5	24.5	19.7	71.4	16.031	14.0	0.0	0.0	0.0	2.2
10	15.5	27.8	20.9	68.3	16.308	14.3	0.0	0.0	0.0	8.6
11	16.6	24.5	20.0	83.2	19.335	17.0	0.0	0.0	0.0	7.5
12	16.5	24.0	19.9	83.2	19.242	16.9	0.0	0.0	0.0	6.8
13	16.5	24.5	20.2	76.2	17.940	15.8	0.0	0.0	0.0	7.6
14	16.5	22.0	18.8	82.9	18.047	15.9	0.0	0.0	0.0	3.4
15	16.9	25.3	20.3	77.5	18.508	16.2	0.0	0.0	0.0	4.9
16	15.5	24.0	19.9	76.2	17.559	15.4	0.0	0.0	0.0	4.6
17	16.0	23.5	20.3	81.1	19.279	16.9	0.0	0.0	0.0	3.8
18	16.6	25.0	20.1	80.2	18.841	16.5	0.0	0.0	0.0	5.3
19	15.0	25.6	20.4	75.1	17.644	15.5	0.0	0.0	0.0	8.8
20	15.5	26.0	21.2	70.7	17.561	15.4	0.0	0.0	0.0	8.7
21	15.0	26.0	21.5	68.1	16.652	14.6	0.0	0.0	0.0	8.6
22	15.5	26.8	21.9	57.4	14.413	12.3	0.0	0.0	0.0	9.7
23	15.4	25.0	20.2	73.2	16.834	14.8	0.0	0.0	0.0	9.0
24	16.0	25.8	22.4	63.9	16.228	14.2	0.0	0.0	0.0	7.9
25	15.5	26.3	20.6	69.9	16.533	14.4	0.0	5.9	5.9	5.7
26	16.5	23.6	20.2	79.1	18.663	16.4	0.0	0.0	0.0	2.3
27	15.0	25.5	20.7	72.7	17.530	15.4	0.0	0.0	0.0	7.1
28	15.0	27.5	22.1	56.7	14.513	12.5	0.0	0.0	0.0	9.8
29	15.8	23.1	19.3	86.5	19.159	16.8	2.6	2.4	5.0	1.2
30	16.0	24.5	19.7	78.5	17.792	15.6	0.0	0.0	0.0	3.3
31	16.5	25.2	20.3	71.4	17.038	14.9	0.5	0.0	0.5	4.8
PROM.	15.8	24.7	20.2	75.0	17.460	15.3	17.8	9.0	26.8	169.3

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.0	20.5	75.3	18.492	16.2	0.2	0.0	0.2	4.3
2	16.0	25.5	20.7	60.9	14.466	12.4	0.0	0.0	0.0	5.2
3	16.5	25.0	20.5	62.9	14.955	13.0	0.0	0.0	0.0	5.4
4	17.0	26.0	20.3	79.2	18.632	16.3	0.0	0.0	0.0	3.1
5	15.5	26.5	21.1	59.4	14.034	12.0	0.0	0.0	0.0	6.2
6	16.5	24.3	19.9	76.1	17.552	15.5	0.0	0.0	0.0	1.4
7	15.5	27.5	22.0	58.3	14.816	12.8	0.0	0.0	0.0	6.2
8	17.0	28.5	23.0	60.5	16.131	14.2	0.0	0.0	0.0	5.5
9	17.0	26.0	21.6	70.9	18.001	15.8	0.0	0.0	0.0	4.4
10	16.0	26.5	21.2	66.4	16.303	14.3	0.0	0.0	0.0	5.1
11	16.0	29.9	22.3	61.2	15.939	14.0	0.0	4.0	4.0	7.3
12	16.4	22.0	18.6	89.1	19.074	16.7	9.3	0.0	9.3	0.0
13	16.5	26.6	20.5	76.1	18.349	16.1	2.3	5.7	8.0	5.3
14	16.5	23.5	19.7	86.8	19.658	17.2	0.0	2.2	2.2	
15	17.5	26.3	22.2	74.1	19.066	16.7	4.2	0.0	4.2	
16	17.0	27.0	20.7	76.6	18.430	16.2	5.2	0.0	5.2	
17	15.5	22.0	18.6	82.9	17.956	15.8	0.0	0.0	0.0	0.5
18	17.0	25.3	20.2	67.4	15.844	13.9	0.0	0.0	0.0	2.3
19	17.4	24.3	20.3	77.8	18.647	16.4	0.3	0.0	0.3	1.5
20	15.5	26.8	19.7	74.3	17.000	14.9	1.5	0.0	1.5	2.7
21	16.5	25.5	20.0	79.0	18.379	16.2	7.1	0.0	7.1	2.2
22	15.6	24.5	20.7	68.9	16.593	14.6	0.0	0.3	0.3	2.3
23	16.5	24.0	19.6	78.8	17.802	15.5	1.0	1.1	2.1	1.8
24	16.2	23.0	19.5	85.9	19.132	16.8	8.3	0.9	9.2	1.0
25	16.2	22.5	19.1	81.6	17.926	15.8	10.4	0.0	10.4	0.7
26	17.0	25.8	21.3	70.7	17.545	15.4	0.0	0.6	0.6	5.0
27	17.5	22.0	19.8	76.8	17.754	15.6	5.0	0.0	5.0	0.3
28	17.0	23.3	19.9	71.7	16.568	14.5	0.7	0.0	0.7	0.2
PROM	16.5	25.2	20.5	73.2	17.323	15.2	55.5	14.8	70.3	

ESTACION: JORGE VILLAMIL
 ALTITUD: 1.500

MUNICIPIO: GIGANTE
 LATITUD: 2-22 N.

AÑO: 1.981
 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	27.7	22.8	59.1	16.023	13.9	0.0	16.3	16.3	4.3
2	16.5	25.2	20.3	75.8	17.712	15.6	2.1	0.0	2.1	2.2
3	15.2	25.5	19.6	72.9	16.582	14.5	1.5	0.0	1.5	3.9
4	17.0	26.8	20.8	71.0	17.481	15.3	0.4	0.0	0.4	3.5
5	16.0	27.0	21.2	66.0	16.542	14.5	0.2	3.1	3.3	5.1
6	17.0	21.5	19.0	87.0	19.094	16.8	8.6	0.0	8.6	0.3
7	16.5	24.0	19.8	81.3	18.594	16.4	6.9	0.0	6.9	2.4
8	17.0	26.8	20.1	77.5	18.013	15.7	3.6	0.0	3.6	2.4
9	17.0	21.5	18.7	94.1	20.173	17.6	1.9	6.8	8.7	0.6
10	16.0	24.9	19.3	83.8	18.985	16.7	17.8	0.3	18.1	3.7
11	17.0	25.0	20.5	85.9	20.456	17.9	0.0	0.0	0.0	2.1
12	18.0	28.5	21.9	65.6	17.256	15.2	0.0	0.0	0.0	6.2
13	16.5	28.0	21.5	67.4	16.827	14.8	0.0	0.0	0.0	7.6
14	17.5	24.3	20.5	87.1	20.911	18.2	0.0	0.3	0.3	2.1
15	17.5	25.0	21.2	81.3	20.351	17.8	0.0	0.0	0.0	4.2
16	16.5	26.0	21.5	80.9	20.664	18.0	0.0	0.0	0.0	6.9
17	17.5	25.5	21.5	80.4	20.330	17.8	0.0	0.0	0.0	6.7
18	17.0	25.5	20.9	77.2	19.027	16.6	0.0	0.0	0.0	4.5
19	16.5	25.0	20.8	80.8	19.507	17.1	0.0	0.0	0.0	6.5
20	18.0	25.5	21.7	69.7	18.098	15.9	0.0	0.0	0.0	6.6
21	17.5	26.0	20.9	67.2	16.617	14.6	0.0	0.1	0.1	6.9
22	16.5	24.3	20.4	77.9	18.583	16.3	0.0	0.0	0.0	2.1
23	16.5	24.5	20.2	76.5	17.856	15.7	0.0	0.0	0.0	3.5
24	17.0	25.3	21.3	70.5	17.572	15.4	0.0	0.0	0.0	4.4
25	15.5	27.3	20.8	68.6	16.435	14.5	0.0	0.0	0.0	8.5
26	16.5	23.5	18.7	87.9	18.923	16.6	0.0	0.0	0.0	3.0
27	16.5	25.4	20.6	74.0	17.797	15.7	0.0	0.0	0.0	4.4
28	15.5	26.3	21.9	61.9	15.818	13.9	0.0	0.0	0.0	6.3
29	16.5	27.3	21.8	65.7	17.026	15.0	0.8	0.0	0.8	4.7
30	16.0	25.5	20.5	68.3	16.183	14.2	4.2	0.0	4.2	2.7
31	15.5	29.0	21.3	57.0	14.084	12.0	0.0	0.0	0.0	6.6
PROM.	16.7	25.6	20.7	74.8	18.049	15.8	48.0	26.9	74.9	134.9

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	25.5	20.6	71.2	17.062	15.0	0.0	0.0	0.0	2.7
2	15.5	23.0	20.4	67.2	16.266	14.2	0.0	0.0	0.0	0.7
3	16.5	26.0	21.2	68.1	17.281	15.2	0.5	0.0	0.5	1.9
4	16.5	28.6	22.1	65.6	17.335	15.2	0.0	8.0	8.0	5.7
5	17.0	23.3	18.8	87.6	19.238	16.9	7.9	0.8	8.7	0.3
6	15.5	23.4	18.9	83.3	18.140	16.0	0.9	0.0	0.9	1.1
7	17.0	25.0	19.7	82.1	18.710	16.5	0.9	0.0	0.9	2.6
8	17.5	22.5	18.7	85.9	18.612	16.3	6.9	0.0	6.9	0.0
9	15.6	27.4	21.5	68.2	16.992	14.9	0.3	0.0	0.3	6.3
10	16.0	26.0	21.5	75.6	19.054	16.7	1.1	0.0	1.1	2.1
11	16.5	27.6	21.6	74.3	19.110	16.7	0.0	7.0	7.0	5.4
12	16.5	24.5	20.8	75.3	18.223	16.0	0.0	0.0	0.0	1.4
13	16.5	21.0	18.3	90.4	19.060	16.7	3.1	0.2	3.3	0.0
14	16.5	25.5	20.1	78.9	18.271	16.1	0.4	0.0	0.4	2.6
15	16.5	22.5	19.1	87.4	19.346	16.9	1.8	0.0	1.8	0.5
16	17.0	27.6	20.9	71.7	18.029	15.8	0.1	8.6	8.7	5.3
17	16.5	21.5	19.3	86.4	19.202	16.8	0.3	0.0	0.3	0.0
18	16.5	26.5	22.3	64.9	17.041	14.9	0.0	0.3	0.3	4.6
19	17.3	20.6	18.2	91.6	19.200	16.9	0.3	0.0	0.3	0.1
20	15.5	23.0	19.0	80.7	17.670	15.5	0.0	0.0	0.0	1.6
21	17.0	27.4	20.8	77.6	18.838	16.6	0.0	0.0	0.0	3.8
22	17.0	26.8	20.6	71.0	17.168	15.0	8.9	0.0	8.9	4.5
23	16.6	25.8	20.9	69.2	17.580	15.4	1.1	0.0	1.1	6.7
24	17.0	23.0	19.6	84.6	19.076	16.8	0.2	0.0	0.2	1.0
25	17.5	27.8	22.3	58.8	15.675	13.7	0.0	2.5	2.5	6.6
26	17.5	25.3	21.4	68.1	17.084	15.0	0.0	0.0	0.0	3.0
27	18.0	25.8	21.3	63.5	16.087	14.1	2.9	0.0	2.9	1.6
28	17.0	22.5	19.2	87.9	19.285	16.9	0.0	0.0	0.0	1.2
29	17.5	24.6	19.8	82.2	19.505	17.0	24.3	0.0	24.3	2.3
30	17.0	26.0	20.7	73.2	17.945	15.7	1.9	2.6	4.5	3.4
PROM.	16.7	24.9	20.3	76.4	18.070	15.8	63.8	30.0	93.8	79.0

ESTACION: JORGE VILLAMIL

MUNICIPIO: GIGANTE

AÑO: 1.981

ALTITUD: 1.500

LATITUD: 2-22 N.

LONGITUD: 75-33 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	23.0	19.2	83.3	18.624	16.3	0.0	0.0	0.0	
2	16.5	24.9	20.0	82.0	18.890	16.6	0.0	2.1	2.1	
3	16.0	22.0	18.4	91.4	19.073	16.7	0.2	7.9	8.1	
4	17.0	21.5	18.0	90.6	18.694	16.4	3.5	0.0	3.5	
5	15.5	24.0	19.3	82.7	18.550	16.3	0.0	8.3	8.3	
6	14.5	22.5	19.6	87.4	19.539	17.1	0.0	0.0	0.0	
7	15.5	25.0	20.3	74.7	17.774	15.6	0.0	7.5	7.5	
8	14.5	19.0	16.5	94.1	17.641	15.5	2.3	1.4	3.7	
9	14.5	22.0	18.0	87.2	17.871	15.7	0.3	0.0	0.3	
10	15.6	22.0	18.3	86.4	18.299	16.1	0.0	2.2	2.2	
11	16.5	25.0	20.2	85.8	19.996	17.5	5.0	22.3	27.3	
12	17.0	23.0	18.9	87.6	19.036	16.7	15.9	1.5	17.4	
13	16.5	26.0	21.1	72.4	17.960	15.8	0.0	0.0	0.0	
14	17.5	24.5	20.7	74.2	18.135	16.0	7.8	0.0	7.8	
15	16.5	27.0	21.4	73.7	18.451	16.2	0.0	3.7	3.7	
16	17.5	22.0	18.6	91.8	19.597	17.2	26.7	0.3	27.0	4.9
17	16.5	25.5	20.1	70.5	16.901	14.9	4.2	0.0	4.2	2.9
18	16.5	24.6	19.9	71.8	17.098	15.0	8.3	0.0	8.3	1.7
19	15.4	26.5	21.0	71.4	17.521	15.4	0.0	0.0	0.0	7.6
20	16.6	25.5	20.9	77.5	19.070	16.7	0.0	0.0	0.0	4.7
21	17.0	24.5	19.8	74.9	17.612	15.4	0.0	0.0	0.0	6.4
22	16.0	25.8	20.6	76.5	18.444	16.2	0.0	1.5	1.5	3.7
23	17.7	23.3	20.6	77.1	18.617	16.3	1.4	1.0	2.4	1.3
24	17.6	26.6	21.4	81.7	20.972	18.1	0.6	9.7	10.3	4.6
25	16.5	24.0	19.5	85.2	19.559	17.2	1.3	1.5	2.8	1.4
26	16.6	24.5	20.7	79.5	19.402	17.0	0.0	0.0	0.0	2.6
27	16.5	25.6	20.2	84.9	19.993	17.5	0.0	0.0	0.0	3.9
28	17.0	26.5	22.2	67.8	17.933	15.8	0.0	11.0	11.0	3.8
29	16.3	22.5	19.8	86.9	19.860	17.4	2.1	0.0	2.1	1.8
30	16.3	25.0	20.8	80.9	19.902	17.4	2.1	0.3	2.4	1.9
31	15.0	24.5	19.7	92.7	20.963	18.2	0.5	0.5	1.0	2.9
PROM.	16.3	24.1	19.9	81.4	18.773	16.5	82.2	82.7	164.9	

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	24.6	20.9	86.9	21.284	18.4	0.0	0.0	0.0	2.4
2	15.5	23.5	19.6	86.3	19.617	17.2	5.6	1.8	7.4	3.3
3	16.0	25.0	21.2	77.6	19.137	16.8	0.0	0.0	0.0	5.6
4	16.5	26.5	21.4	67.2	17.042	15.0	0.0	0.0	0.0	7.1
5	16.0	26.5	21.1	63.7	15.410	13.0	0.0	0.0	0.0	3.9
6	17.0	26.5	22.0	71.3	18.827	16.5	1.0	3.2	4.2	5.0
7	17.0	22.5	19.8	77.6	17.720	15.4	1.2	0.0	1.2	1.1
8	16.5	25.5	20.9	75.7	18.551	16.3	0.0	5.6	5.6	4.1
9	16.0	24.0	19.0	78.0	17.172	15.1	0.7	1.7	2.4	1.1
10	15.0	22.5	18.7	79.0	17.181	15.1	0.1	1.1	1.2	1.8
11	15.5	23.5	19.3	81.8	18.276	16.0	7.6	0.0	7.6	0.3
12	15.6	22.5	19.6	84.4	19.107	16.8	2.4	3.3	5.7	1.5
13	15.3	22.5	18.6	79.3	16.971	14.9	0.9	0.0	0.9	2.0
14	15.3	20.6	17.8	87.5	17.731	15.6	1.0	0.0	1.0	0.0
15	15.6	23.0	19.0	73.9	16.358	14.4	0.2	0.0	0.2	0.6
16	14.5	27.0	20.4	67.6	16.008	14.0	0.0	0.0	0.0	5.9
17	17.5	26.5	20.9	73.6	18.223	16.0	0.0	2.5	2.5	5.0
18	16.5	22.8	18.4	85.1	17.815	15.6	6.6	0.6	7.2	9.3
19	15.5	25.0	19.5	70.2	15.934	13.9	4.2	1.2	5.4	5.7
20	16.5	24.5	19.8	74.1	16.966	14.9	0.0	0.0	0.0	4.3
21	15.5	22.0	18.8	82.6	17.821	15.7	0.0	0.0	0.0	0.9
22	15.0	25.5	20.1	71.7	16.845	14.8	0.0	0.0	0.0	5.2
23	16.5	22.5	18.7	83.7	18.136	15.9	0.0	0.0	0.0	1.9
24	15.0	21.2	18.7	81.1	17.300	15.2	0.0	0.0	0.0	1.8
25	14.0	23.5	19.4	68.8	15.531	13.5	0.0	0.0	0.0	3.6
26	14.5	24.8	20.4	65.3	15.395	13.4	0.0	0.0	0.0	2.0
27	15.6	22.6	18.7	84.1	18.255	16.0	0.0	0.0	0.0	1.3
28	15.0	24.5	20.6	74.3	18.448	16.2	3.2	0.0	3.2	2.0
29	16.0	24.5	19.5	71.7	16.245	14.2	0.0	0.0	0.0	1.5
30	15.5	24.0	18.7	89.7	19.471	17.0	8.5	7.6	16.1	3.0
PROM.	15.8	24.0	19.7	77.1	17.626	15.4	43.2	28.6	71.8	84.2

ESTACION: JORGE VILLAMIL

MUNICIPIO: GIGANTE

AÑO: 1.981

ALTITUD: 1.500

LATITUD: 2-22 N.

LONGITUD: 75-33 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	22.5	20.0	80.9	18.790	16.5	2.0	1.4	3.4	2.2
2	15.0	25.0	19.4	81.2	18.093	15.9	8.8	0.0	8.8	3.7
3	16.0	22.0	18.5	85.6	18.513	16.3	11.0	1.5	12.5	1.5
4	13.5	22.5	18.1	79.0	16.471	14.5	3.8	0.0	3.8	0.6
5	14.0	24.0	19.3	78.7	17.576	15.4	4.0	1.9	5.9	4.2
6	15.0	24.5	19.0	87.5	18.955	16.6	0.0	0.0	0.0	4.7
7	15.5	22.0	18.9	85.0	18.820	16.6	2.8	0.0	2.8	0.2
8	15.0	23.0	19.3	78.0	17.416	15.3	0.0	0.0	0.0	6.0
9	14.5	23.0	18.5	82.2	17.722	15.6	0.2	0.0	0.2	2.6
10	15.0	22.5	18.6	74.3	16.194	14.1	0.0	0.0	0.0	0.9
11	16.0	23.0	18.8	84.3	18.394	16.1	10.3	0.1	10.4	2.7
12	14.6	22.5	18.5	82.4	17.434	15.4	0.3	0.0	0.3	0.2
13	15.0	24.0	19.7	69.3	15.668	13.7	0.0	0.2	0.2	0.7
14	14.5	24.0	19.5	74.5	16.698	14.7	0.0	5.3	5.3	4.5
15	14.5	24.0	19.1	71.8	15.909	13.9	3.0	0.0	3.0	3.8
16	15.5	24.5	19.8	72.0	16.568	14.5	3.6	0.0	3.6	2.5
17	15.0	23.5	19.0	85.7	18.799	16.5	0.6	0.3	0.9	1.3
18	14.5	21.5	17.9	87.4	17.782	15.6	0.1	1.6	1.7	2.2
19	13.5	22.0	17.5	82.9	16.419	14.4	0.0	0.0	0.0	3.0
20	13.5	22.5	16.7	69.1	13.196	10.9	0.0	0.0	0.0	5.0
21	12.0	25.0	18.1	66.2	13.562	11.4	0.0	0.0	0.0	6.3
22	12.0	26.0	20.1	55.5	12.733	10.4	0.0	0.0	0.0	6.7
23	14.0	23.5	18.2	71.6	15.059	13.1	0.0	0.0	0.0	5.1
24	12.0	24.5	18.3	66.6	13.914	11.9	0.0	0.0	0.0	5.5
25	13.0	24.0	18.2	67.3	13.707	11.6	0.0	0.0	0.0	3.7
26	12.6	24.0	18.2	74.3	15.315	13.3	0.0	0.0	0.0	3.9
27	14.0	22.5	18.5	67.1	14.234	12.2	0.0	0.0	0.0	1.6
28	14.5	24.5	19.7	63.3	14.507	12.5	0.0	0.0	0.0	3.9
29	14.5	25.5	19.9	64.9	14.804	12.8	0.0	0.0	0.0	3.2
30	13.6	25.0	19.4	70.4	15.651	13.7	0.0	0.0	0.0	7.1
31	15.6	21.6	18.9	73.3	16.030	14.1	0.0	0.0	0.0	1.4
PROM.	14.3	23.5	18.8	75.2	16.288	14.2	50.5	12.3	62.8	100.9

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	14.0	21.0	18.4	83.0	17.298	15.2	2.3	0.0	2.3	1.1
2	15.0	22.6	19.0	78.2	17.164	15.1	0.1	0.0	0.1	1.2
3	15.5	24.0	19.8	69.4	15.728	13.7	0.0	0.0	0.0	2.0
4	14.5	23.6	19.5	69.6	15.696	13.7	0.0	0.0	0.0	3.0
5	11.6	24.5	19.6	73.3	16.623	14.5	0.1	0.0	0.1	2.8
6	15.6	28.3	22.0	57.0	14.768	12.8	0.0	0.0	0.0	7.3
7	15.5	26.0	20.0	71.2	16.528	14.5	1.5	0.0	1.5	4.2
8	16.0	27.0	21.0	76.2	18.579	16.3	0.0	0.8	0.8	2.8
9	16.5	22.0	18.9	73.6	16.094	14.1	0.6	0.0	0.6	0.9
10	14.5	27.0	21.0	57.4	13.942	11.9	0.0	0.0	0.0	6.3
11	16.4	26.8	19.9	74.0	17.159	15.0	0.8	0.0	0.8	3.4
12	15.6	22.0	18.9	79.9	17.504	15.4	0.0	0.0	0.0	0.3
13	15.0	24.5	19.0	74.5	16.369	14.3	0.0	0.0	0.0	3.5
14	15.6	25.0	19.7	61.7	13.916	11.9	0.0	0.0	0.0	5.6
15	16.0	26.3	20.3	65.0	15.341	13.4	0.0	0.0	0.0	3.8
16	16.0	28.3	22.0	61.5	16.179	14.2	0.0	0.0	0.0	6.7
17	16.5	25.0	18.6	89.3	19.261	16.9	6.9	0.0	6.9	3.8
18	16.5	25.0	18.8	72.1	15.723	13.7	0.2	0.0	0.2	2.2
19	14.9	22.0	18.1	80.1	16.358	14.3	0.3	0.0	0.3	2.2
20	15.6	25.5	19.7	69.6	15.919	13.9	0.0	0.0	0.0	4.0
21	14.0	26.0	20.8	62.5	15.151	13.1	0.4	0.0	0.4	7.9
22	16.3	27.3	21.9	61.8	16.013	14.0	0.0	0.0	0.0	5.3
23	14.5	27.3	22.3	63.4	16.888	14.8	0.0	0.0	0.0	2.0
24	15.0	26.5	20.7	71.7	17.130	15.1	0.0	0.4	0.4	4.8
25	16.0	21.0	16.8	95.0	18.475	16.2	17.9	0.0	17.9	0.2
26	14.5	25.0	19.9	71.0	16.293	14.2	0.0	0.0	0.0	3.1
27	16.0	27.5	20.7	62.4	14.503	12.9	0.0	0.3	0.3	3.9
28	14.5	26.5	20.1	65.8	15.203	13.2	6.5	0.0	6.5	4.5
29	16.0	24.0	18.7	79.5	17.506	15.4	2.2	0.0	2.2	0.8
30	16.3	24.5	19.8	69.8	15.944	13.9	1.4	0.0	1.4	1.9
31	15.0	20.5	16.1	91.8	17.074	15.0	8.9	0.0	8.9	0.0
PROM.	15.3	24.9	19.7	72.0	16.346	14.3	50.1	1.5	51.6	101.5

ESTACION: JORGE VILLAMIL

MUNICIPIO: GIGANTE

AÑO: 1981

ALTITUD: 1.500

LATITUD: 2-22 N.

LONGITUD: 75-33 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	21.5	18.6	63.5	13.719	11.7	0.0	0.0	0.0	0.8
2	14.5	26.0	20.6	53.6	12.277	10.0	0.0	0.0	0.0	3.1
3	16.5	25.0	19.9	56.6	13.218	11.1	0.0	0.0	0.0	4.1
4	14.5	24.5	19.3	65.4	14.749	12.8	0.0	0.0	0.0	1.4
5	16.5	23.5	20.1	63.6	14.925	13.0	0.0	1.1	1.1	1.5
6	15.0	25.5	19.5	71.5	16.176	14.2	0.1	1.2	1.3	2.9
7	16.0	25.0	18.7	82.7	17.681	15.5	2.9	0.0	2.9	3.5
8	15.5	25.0	20.2	64.2	14.883	12.9	0.0	0.4	0.4	3.1
9	14.5	25.5	20.3	67.8	16.096	14.0	0.0	0.0	0.0	4.5
10	15.3	26.5	20.9	61.1	15.159	13.2	0.0	2.1	2.1	3.9
11	16.0	23.5	19.4	70.8	16.047	14.0	0.0	0.0	0.0	2.8
12	13.5	29.5	22.0	56.2	14.081	12.0	0.0	1.8	1.8	9.8
13	16.0	25.0	20.2	73.5	17.153	15.1	0.3	0.0	0.3	5.2
14	16.0	25.0	18.6	84.8	18.493	16.3	18.3	0.5	18.8	2.2
15	15.3	22.0	18.2	82.0	17.359	15.3	3.1	0.2	3.3	1.7
16	14.5	25.0	19.7	64.3	14.376	12.3	0.0	5.7	5.7	4.0
17	13.5	22.2	18.9	76.8	16.214	14.2	18.2	0.0	18.2	2.7
18	15.5	23.5	18.9	77.2	16.841	14.8	0.5	3.0	3.5	3.6
19	15.0	22.5	19.9	70.0	16.318	14.3	1.4	0.0	1.4	3.6
20	15.5	23.5	19.2	77.8	17.065	14.9	0.3	0.0	0.3	3.5
21	16.0	24.5	19.3	77.6	17.367	15.2	0.0	0.0	0.0	3.1
22	15.5	25.5	19.3	71.4	16.117	14.1	0.2	0.0	0.2	4.6
23	13.5	26.5	20.2	64.4	15.059	13.1	1.2	0.0	1.2	6.2
24	16.0	25.5	18.9	77.1	17.033	14.9	0.0	0.4	0.4	5.1
25	16.0	24.0	19.4	74.2	16.662	14.7	0.5	0.0	0.5	4.2
26	15.6	25.3	19.5	71.6	16.476	14.5	0.0	0.0	0.0	3.4
27	15.0	24.7	20.3	64.9	15.445	13.5	0.0	0.0	0.0	2.1
28	18.5	25.5	21.2	65.6	16.637	14.6	0.0	0.0	0.0	5.2
29	17.5	29.0	22.9	52.6	14.800	12.7	0.0	0.0	0.0	7.5
30	16.0	28.8	21.9	65.8	17.062	15.0	0.0	6.7	6.7	4.3
PROM.	15.4	25.0	19.9	69.0	15.850	13.8	47.0	23.1	70.1	113.6

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	24.5	20.0	71.4	16.190	14.2	0.0	0.0	0.0	1.8
2	14.5	27.8	21.3	66.5	16.524	14.5	0.0	0.4	0.4	8.2
3	16.5	24.5	20.1	74.9	17.219	15.1	3.3	0.0	3.3	2.1
4	16.5	21.3	18.6	86.9	18.515	16.3	2.6	0.0	2.6	0.4
5	14.5	26.5	20.0	65.6	15.355	13.3	0.0	0.0	0.0	7.4
6	16.0	27.5	21.0	70.9	18.124	15.9	15.9	0.0	15.9	6.3
7	15.0	28.0	21.3	66.9	16.631	14.5	0.0	0.0	0.0	5.8
8	14.6	25.0	19.8	71.1	16.687	14.7	18.1	0.0	18.1	4.4
9	15.3	24.0	18.8	88.3	19.320	17.0	2.6	1.7	4.3	0.9
10	15.0	24.0	19.9	74.6	17.226	15.1	0.8	0.0	0.8	5.8
11	15.0	24.0	19.8	76.9	17.860	15.7	0.0	0.0	0.0	5.3
12	14.5	23.5	19.7	77.8	17.955	15.7	0.9	0.0	0.9	2.9
13	16.0	25.0	20.3	75.8	18.074	15.9	0.0	1.1	1.1	1.8
14	14.5	26.5	20.9	63.5	15.160	13.1	0.0	29.7	29.7	7.0
15	14.6	26.0	19.9	78.6	18.283	16.1	1.4	0.0	1.4	3.8
16	16.5	22.5	19.3	86.9	19.364	17.0	3.6	0.1	3.7	2.7
17	17.0	24.5	19.2	82.9	18.589	16.3	16.0	1.1	17.1	2.0
18	16.5	23.5	18.7	85.9	18.465	16.2	20.6	0.0	20.6	1.2
19	14.0	26.5	20.7	63.9	15.338	13.3	0.0	0.0	0.0	8.1
20	14.0	28.0	20.8	58.8	14.198	12.2	0.0	0.0	0.0	9.9
21	15.0	27.5	20.5	68.5	16.363	14.2	1.8	0.0	1.8	7.9
22	15.6	24.0	20.4	71.5	17.085	15.0	0.1	0.0	0.1	3.7
23	16.0	24.0	19.5	78.3	17.805	15.7	1.1	0.0	1.1	1.9
24	15.5	22.5	18.4	79.3	16.790	14.6	0.4	0.0	0.4	0.8
25	14.5	27.0	21.2	76.3	19.750	17.0	0.0	0.0	0.0	5.9
26	15.0	26.9	20.9	66.6	16.617	14.6	0.0	0.0	0.0	5.1
27	16.5	24.0	20.2	71.9	17.225	15.2	3.7	0.0	3.7	0.4
28	15.0	24.5	20.1	76.4	18.220	15.9	0.7	0.0	0.7	3.1
29	16.0	25.0	19.3	82.6	18.706	16.4	0.9	0.0	0.9	1.9
30	16.0	20.5	17.6	86.8	17.713	15.5	9.2	0.0	9.2	0.0
31	14.0	26.2	20.1	76.5	17.679	15.6	0.0	7.1	7.1	5.4
PROM.	15.3	25.0	19.9	74.9	17.388	15.2	103.7	41.2	144.9	123.9

ESTACION: JORGE VILLAMIL

MUNICIPIO: GIGANTE

AÑO: 1.981

ALTITUD: 1.500

LATITUD: 2-22 N.

LONGITUD: 75-33 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	22.0	18.6	92.6	19.841	17.3	0.2	0.0	0.2	1.4
2	14.6	25.4	20.2	74.0	17.599	15.4	0.0	0.0	0.0	7.8
3	15.6	23.3	19.7	85.3	19.394	16.9	0.3	0.3	0.6	2.6
4	16.0	23.8	19.5	88.7	19.945	17.4	1.3	11.7	13.0	1.7
5	15.0	25.8	20.5	69.5	16.546	14.5	0.2	0.0	0.2	7.8
6	15.0	26.6	21.6	68.6	17.613	15.4	0.0	0.0	0.0	6.7
7	16.5	23.8	20.4	88.2	21.367	18.6	0.3	1.1	1.4	2.4
8	16.5	24.8	20.2	89.2	20.746	18.1	3.4	0.0	3.4	2.9
9	16.0	22.0	19.4	85.7	19.173	16.8	0.0	0.0	0.0	1.0
10	15.6	23.8	19.8	79.3	18.266	16.1	0.0	0.0	0.0	1.4
11	16.5	25.5	19.9	81.2	18.825	16.5	0.0	2.3	2.3	3.5
12	17.0	21.5	19.5	87.3	19.691	17.3	0.0	0.0	0.0	0.8
13	16.5	22.8	19.6	86.0	19.458	17.1	0.0	12.0	12.0	0.5
14	17.0	23.3	19.3	89.0	20.070	17.5	0.0	1.6	1.6	1.3
15	16.0	23.3	20.1	88.9	20.916	18.2	1.4	26.8	28.2	1.2
16	16.8	26.6	20.5	74.2	18.087	15.9	0.6	0.0	0.6	4.7
17	17.0	21.5	18.4	90.7	19.572	17.1	2.4	23.1	25.5	0.7
18	16.5	24.0	20.0	88.2	20.490	17.9	8.5	0.0	8.5	1.5
19	16.0	25.0	20.4	79.6	18.923	16.6	1.9	0.0	1.9	3.1
20	16.0	21.0	19.2	94.2	20.725	18.1	0.2	37.4	37.6	0.7
21	14.5	22.5	20.1	86.8	20.108	17.5	0.0	0.0	0.0	3.3
22	14.5	24.9	19.1	81.3	18.072	15.8	0.0	0.0	0.0	4.2
23	17.5	23.8	19.1	95.3	20.874	18.2	22.7	0.0	22.7	1.2
24	17.6	24.0	20.7	77.4	18.799	16.5	4.3	0.0	4.3	1.6
25	17.0	25.4	20.2	78.2	18.687	16.5	2.9	0.0	2.9	2.7
26	16.8	24.8	19.9	80.0	18.648	16.4	1.9	0.0	1.9	1.8
27	16.5	24.8	20.4	82.6	19.583	17.1	0.0	5.0	5.0	4.9
28	18.0	24.2	19.2	89.0	19.889	17.4	0.0	0.0	0.0	1.8
29	17.0	22.0	18.5	90.7	19.353	17.0	12.6	8.2	20.8	0.6
30	15.6	21.0	18.8	88.7	18.980	16.7	0.0	2.0	2.0	1.3
PROM.	16.2	23.8	19.8	84.3	19.341	16.9	65.1	131.5	196.6	77.1

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	21.5	18.7	92.5	20.093	17.6	0.0	0.0	0.0	1.3
2	16.0	23.6	19.9	82.7	19.464	17.1	0.0	0.0	0.0	3.6
3	15.0	25.8	20.2	67.8	15.922	13.9	0.0	0.0	0.0	4.3
4	17.2	24.9	20.2	76.5	18.273	16.1	0.0	0.0	0.0	0.4
5	16.5	24.8	20.2	84.5	20.328	17.8	23.1	1.2	24.3	3.1
6	16.3	20.0	18.2	97.0	20.452	17.8	1.2	0.0	1.2	0.7
7	15.4	26.0	21.1	76.0	18.937	16.6	0.0	0.0	0.0	6.3
8	17.0	25.5	19.7	82.9	19.112	16.8	0.0	0.0	0.0	1.3
9	15.6	24.0	20.1	69.9	16.756	14.5	2.7	0.0	2.7	2.8
10	16.0	25.7	21.5	67.0	17.326	15.2	3.8	0.0	3.8	3.8
11	17.5	23.5	18.8	91.7	20.327	17.7	6.5	0.0	6.5	1.4
12	15.8	23.0	19.6	90.4	20.328	17.8	0.6	0.0	0.6	0.9
13	15.5	24.0	19.6	74.8	17.116	15.1	1.6	0.0	1.6	1.2
14	16.5	26.5	20.1	67.4	15.825	13.9	0.6	0.0	0.6	4.3
15	15.8	24.8	20.1	82.9	19.993	17.4	29.0	9.5	38.5	5.5
16	16.3	24.0	20.3	81.4	19.407	17.0	0.0	0.0	0.0	4.7
17	16.5	25.8	20.5	77.6	18.609	16.4	0.0	0.0	0.0	4.2
18	17.5	25.8	20.7	80.8	19.589	17.2	0.0	0.0	0.0	2.0
19	16.5	24.5	20.7	82.6	20.398	17.7	2.0	3.8	5.8	6.8
20	16.5	24.0	20.6	83.2	20.093	17.5	0.0	0.0	0.0	3.2
21	17.5	22.0	19.0	87.5	19.236	16.9	0.2	0.0	0.2	1.1
22	15.0	22.0	19.5	87.3	19.636	17.2	0.0	0.0	0.0	1.2
23	16.5	25.0	20.6	83.0	19.970	17.5	0.0	0.0	0.0	2.6
24	16.0	26.5	21.1	74.4	18.181	16.0	0.0	0.0	0.0	5.9
25	17.0	25.5	19.5	84.0	18.868	16.6	2.0	0.0	2.0	3.5
26	16.5	26.5	20.2	76.2	18.137	15.9	0.2	0.0	0.2	3.2
27	17.0	25.8	19.5	85.5	19.329	17.0	8.1	0.0	8.1	4.8
28	16.5	26.8	21.2	74.5	18.513	16.3	0.0	0.0	0.0	4.1
29	16.5	25.0	20.1	84.7	19.977	17.5	0.7	1.6	2.3	3.1
30	17.4	24.8	20.3	78.8	18.494	16.1	0.0	0.0	0.0	1.6
31	16.0	23.4	19.6	87.9	19.816	17.4	0.0	0.0	0.0	1.3
PROM.	16.3	24.5	20.0	81.1	18.984	16.6	82.3	16.1	98.4	94.2

ESTACION: **JORGE VILLAMIL**MUNICIPIO **GIGANTE**AÑO: **1.981**ALTITUD: **1.500**LATITUD: **2-22 N.**LONGITUD: **75-33 W.**

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.8	24.7	20.2	13.6	27.8	75.0	17.460	15.3	26.8	7	169.3
FEBRERO	16.5	25.2	20.5	15.5	29.9	73.2	17.323	15.2	70.3	17	
MARZO	16.7	25.6	20.7	15.2	29.0	74.8	18.049	15.8	74.9	14	134.9
ABRIL	16.7	24.9	20.3	15.5	28.6	76.4	18.070	15.8	93.8	23	79.0
MAYO	16.3	24.1	19.9	14.5	27.0	81.4	18.773	16.5	164.9	23	
JUNIO	15.8	24.0	19.7	14.0	27.0	77.1	17.626	15.4	71.8	16	84.2
JULIO	14.3	23.5	18.8	12.0	26.0	75.2	16.288	14.2	62.8	15	100.9
AGOSTO	15.3	24.9	19.7	11.6	28.3	72.0	16.346	14.3	51.6	18	101.5
SEPTIEMBRE	15.4	25.0	19.9	13.5	29.5	69.0	15.850	13.8	70.1	19	113.6
OCTUBRE	15.3	25.0	19.9	14.0	28.0	74.9	17.388	15.2	144.9	23	123.9
NOVIEMBRE	16.2	23.8	19.8	14.5	26.6	84.3	19.341	16.9	196.6	22	77.1
DICIEMBRE	16.3	24.5	20.0	15.0	26.8	81.1	18.984	16.6	98.4	15	94.2
PROMEDIO	15.9	24.6	20.0	14.1	27.9	76.2	17.625	15.4			
TOTAL	1126.9 212										

ESTACION: OSPINA PEREZ

MUNICIPIO: CONSACA

AÑO: 1.981

ALTITUD: 1.700

LATITUD: 1-16 N.

LONGITUD: 77-28 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	23.0	19.1	76.3	16.620	14.6	0.2	8.3	8.5	6.8
2	15.3	25.3	19.2	80.1	17.604	15.5	0.0	1.7	1.7	6.3
3	16.3	24.6	19.2	79.7	17.592	15.4	0.3	0.3	0.6	6.2
4	13.0	27.0	19.5	63.9	13.522	11.1	0.0	0.0	0.0	9.7
5	11.5	24.6	18.3	61.0	12.122	9.3	0.0	0.0	0.0	8.0
6	14.5	23.0	18.3	77.3	16.124	14.1	0.0	0.0	0.0	3.8
7	15.0	23.5	18.8	82.5	17.800	15.6	0.0	13.0	13.0	1.5
8	15.0	21.3	17.6	82.7	16.567	14.5	1.8	1.6	3.4	1.1
9	14.4	24.5	18.5	77.9	16.139	14.1	0.0	0.0	0.0	4.0
10	14.5	25.5	19.1	73.5	15.744	13.7	0.0	0.0	0.0	8.5
11	13.6	25.2	18.6	70.4	14.761	12.6	0.0	0.3	0.3	8.6
12	16.0	24.5	18.8	80.1	17.180	15.0	0.0	0.0	0.0	5.5
13	14.6	25.5	18.3	77.1	15.981	14.0	0.0	0.0	0.0	6.3
14	15.3	24.0	18.7	75.0	15.911	13.9	0.0	0.0	0.0	5.2
15	15.6	25.0	19.0	76.0	16.460	14.4	0.0	0.0	0.0	7.3
16	13.6	23.6	18.1	74.5	14.971	12.8	0.0	0.2	0.2	6.9
17	16.5	27.0	20.0	74.7	17.103	15.0	0.0	4.6	4.6	8.0
18	16.5	25.5	19.1	79.5	17.416	15.3	0.0	0.2	0.2	6.3
19	15.4	26.0	18.5	78.9	16.851	14.8	0.0	1.1	1.1	7.3
20	15.3	25.0	18.8	72.5	15.304	13.2	0.0	1.7	1.7	8.8
21	14.5	24.0	18.0	81.6	16.788	14.7	0.0	1.7	1.7	5.7
22	15.5	25.5	18.9	73.5	15.537	13.4	0.0	1.4	1.4	8.8
23	15.5	26.0	18.9	73.5	15.534	13.4	0.1	0.0	0.1	8.2
24	15.5	25.5	20.8	67.3	15.446	13.4	0.0	0.7	0.7	8.2
25	15.5	26.0	19.2	74.8	16.145	14.0	0.0	0.3	0.3	6.3
26	15.5	24.0	19.2	72.7	15.681	13.6	0.0	0.0	0.0	6.9
27	14.6	26.0	19.3	68.5	14.750	12.6	0.0	0.0	0.0	6.0
28	12.5	25.0	18.6	66.6	13.580	11.3	0.0	0.0	0.0	9.5
29	15.6	22.5	17.7	82.3	16.733	14.7	7.7	0.4	8.1	0.5
30	14.6	25.0	18.3	78.2	16.280	14.2	1.4	2.3	3.7	4.1
31	16.0	23.0	18.8	81.6	17.581	15.5	0.9	2.3	3.2	3.0
PROM.	14.9	24.7	18.8	75.3	15.994	13.9	12.4	42.1	54.5	193.3

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	22.5	18.2	85.5	17.962	15.8	0.1	0.2	0.3	0.7
2	15.0	25.5	19.6	76.0	16.933	14.9	2.3	0.6	2.9	6.1
3	16.0	25.0	18.2	87.3	17.985	15.8	1.3	22.7	24.0	3.3
4	15.0	23.0	18.0	81.9	16.878	14.8	7.7	0.1	7.8	1.1
5	13.5	25.5	18.5	75.2	15.669	13.6	0.3	8.3	8.6	6.5
6	14.0	26.0	19.4	71.3	15.585	13.6	0.0	0.0	0.0	5.4
7	14.0	25.5	19.5	64.5	14.356	12.2	0.0	0.0	0.0	8.6
8	14.0	25.0	18.8	78.7	16.804	14.8	0.0	0.0	0.0	4.5
9	14.6	23.5	18.5	80.6	16.958	14.9	0.0	0.0	0.0	3.4
10	15.0	27.0	19.8	70.1	15.653	13.6	0.0	0.0	0.0	7.5
11	13.6	26.6	19.6	70.5	15.361	13.3	0.0	8.9	8.9	9.8
12	15.5	22.5	18.0	82.2	17.019	14.9	9.9	1.0	10.9	1.3
13	15.6	25.5	19.5	74.8	16.513	14.5	0.0	0.0	0.0	6.8
14	15.0	23.5	18.5	79.3	16.705	14.7	0.0	0.0	0.0	3.5
15	15.0	26.0	19.9	73.0	16.522	14.5	0.0	1.7	1.7	9.2
16	16.5	25.0	20.1	71.2	16.190	14.1	0.0	34.9	34.9	3.8
17	15.6	21.5	18.6	87.1	18.591	16.3	3.4	0.2	3.6	0.0
18	16.5	22.5	18.4	85.4	18.022	15.9	1.2	0.0	1.2	1.4
19	15.6	23.0	18.3	84.5	17.609	15.5	0.0	0.0	0.0	1.5
20	14.0	24.5	18.9	76.3	16.173	14.1	0.5	9.8	10.3	6.2
21	16.0	25.0	19.4	76.4	16.874	14.8	10.0	10.7	20.7	3.6
22	15.5	25.0	19.7	77.7	17.713	15.6	0.1	5.5	5.6	3.0
23	15.0	25.0	19.0	77.8	16.852	14.8	4.4	3.1	7.5	6.5
24	16.0	24.3	19.4	81.3	18.068	15.9	3.9	0.2	4.1	3.5
25	15.0	24.0	19.0	82.8	17.960	15.8	0.0	0.0	0.0	4.2
26	16.0	28.5	22.1	57.1	13.676	11.3	0.0	0.0	0.0	5.5
27	17.5	29.5	22.1	62.4	15.936	13.9	0.0	0.0	0.0	6.4
28	15.0	26.5	20.4	69.8	16.512	14.3	0.0	0.0	0.0	2.6
PROM.	15.2	24.9	19.3	76.5	16.681	14.6	45.1	107.9	153.0	126.1

ESTACION: OSPINA PEREZ

MUNICIPIO: CONSACA

AÑO: 1961

ALTITUD: 1.700

LATITUD: 1-16 N.

LONGITUD: 77-28 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.6	30.0	23.1	39.8	10.925	8.3	0.0	0.0	0.0	9.8
2	15.5	24.5	19.5	75.8	16.848	14.8	0.0	0.0	0.0	0.2
3	14.0	26.5	19.3	73.9	15.898	13.8	6.0	0.0	6.0	6.0
4	15.0	28.5	21.2	70.0	16.653	14.6	0.0	0.0	0.0	7.2
5	14.6	26.0	20.2	75.0	17.101	14.9	0.8	23.3	24.1	8.6
6	15.0	20.6	18.1	86.9	17.896	15.7	4.0	3.4	7.4	0.0
7	16.0	22.5	18.5	84.0	17.868	15.7	5.8	6.0	11.8	2.3
8	16.0	21.0	17.8	92.4	18.905	16.6	2.3	4.1	6.4	0.0
9	15.6	22.5	18.1	86.1	18.051	15.9	4.7	2.2	6.9	0.0
10	15.6	24.0	18.2	87.1	18.239	16.0	5.3	3.5	8.8	1.5
11	15.0	24.0	18.6	81.1	17.271	15.2	2.0	10.5	12.5	1.5
12	15.0	24.0	19.0	81.5	17.697	15.5	2.0	0.1	2.1	2.4
13	16.0	25.0	19.9	75.3	17.145	15.1	0.0	1.7	1.7	5.0
14	17.0	24.5	19.1	77.6	17.221	15.1	0.0	1.0	1.0	1.5
15	15.5	26.0	20.1	73.5	16.813	14.7	0.0	0.4	0.4	5.7
16	16.0	26.0	20.3	74.1	17.096	15.0	0.0	0.2	0.2	4.2
17	16.4	26.5	20.2	73.1	16.991	14.9	0.0	8.6	8.6	5.7
18	14.5	23.0	18.2	78.6	16.228	14.2	2.6	0.0	2.6	0.0
19	15.5	25.0	19.8	73.8	16.543	14.5	0.0	0.0	0.0	3.4
20	15.4	26.0	19.9	72.7	16.327	14.3	0.0	0.0	0.0	5.1
21	16.0	26.5	19.8	73.0	16.274	14.2	0.4	34.2	34.6	7.4
22	14.5	24.5	18.6	76.1	16.089	14.1	0.0	4.0	4.0	2.8
23	16.0	25.5	18.7	77.8	16.479	14.4	0.6	14.5	15.1	3.9
24	13.6	25.5	19.0	71.9	15.491	13.5	0.0	0.0	0.0	4.6
25	15.4	26.0	19.8	73.0	16.256	14.2	0.0	21.3	21.3	5.0
26	14.6	21.0	17.8	78.1	15.855	13.8	0.0	0.0	0.0	0.1
27	14.0	26.5	19.4	71.6	15.573	13.6	0.0	0.0	0.0	6.8
28	14.0	26.0	19.0	69.8	14.728	12.7	0.0	14.8	14.8	7.2
29	15.6	24.5	19.0	79.5	17.337	15.3	0.0	0.3	0.3	1.0
30	14.6	25.0	19.3	75.3	16.537	14.5	0.6	0.0	0.6	6.0
31	14.5	27.0	20.7	64.3	14.898	12.7	0.0	0.0	0.0	8.9
PROM.	15.3	25.0	19.4	75.6	16.556	14.4	37.1	154.1	191.2	123.8

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	16.8	26.0	20.3	77.7	18.515	16.2	0.0	0.0	0.0	3.8
2	16.0	25.5	20.3	72.3	17.042	14.9	0.0	0.0	0.0	4.1
3	15.0	24.5	18.5	82.2	17.285	15.2	0.0	0.0	0.0	3.2
4	14.0	25.5	20.0	73.4	16.630	14.6	0.0	2.7	2.7	5.5
5	16.8	23.0	18.3	84.3	17.926	15.8	2.3	4.6	6.9	0.0
6	15.0	24.5	18.9	79.5	17.284	15.1	3.5	4.6	8.1	2.3
7	15.5	23.0	19.3	79.2	17.391	15.3	0.7	1.1	1.8	2.2
8	16.4	23.0	18.9	90.6	19.870	17.4	0.9	10.0	10.9	2.8
9	14.4	26.5	19.8	75.4	17.104	15.0	0.0	0.0	0.0	7.6
10	16.5	26.5	20.4	76.0	17.777	15.6	0.0	0.0	0.0	7.4
11	17.0	26.5	20.6	78.9	18.945	16.6	0.2	0.1	0.3	5.6
12	17.0	25.0	20.0	83.8	19.493	17.1	3.1	0.1	3.2	0.2
13	16.5	24.5	18.7	83.0	17.916	15.7	1.4	0.2	1.6	0.8
14	15.0	24.5	19.4	77.2	16.964	14.9	0.3	17.4	17.7	3.2
15	15.6	24.5	18.8	81.9	17.774	15.6	4.4	0.2	4.6	1.4
16	16.4	23.3	19.2	77.4	17.064	15.0	0.1	0.4	0.5	2.7
17	15.6	19.5	18.2	72.8	14.850	12.6	1.2	0.8	2.0	0.0
18	14.6	24.0	18.4	74.4	15.630	13.6	0.0	9.0	9.0	5.0
19	15.3	20.0	16.8	90.2	17.371	15.3	5.6	1.6	7.2	0.1
20	14.4	24.5	18.3	74.5	15.526	13.5	0.0	0.1	0.1	3.4
21	14.6	25.5	19.8	79.5	17.931	15.7	0.0	13.2	13.2	4.4
22	13.6	23.5	18.6	79.6	16.581	14.4	0.0	0.3	0.3	4.4
23	14.5	24.0	18.3	80.0	16.629	14.6	1.6	0.0	1.6	6.2
24	16.0	25.5	19.6	81.8	18.426	16.2	0.3	0.5	0.8	6.1
25	14.5	25.5	19.9	77.3	17.533	15.4	0.0	1.3	1.3	8.8
26	15.6	25.0	19.5	83.2	19.214	16.9	0.0	11.9	11.9	6.5
27	15.3	22.5	18.5	83.6	17.626	15.4	0.5	0.8	1.3	3.4
28	14.6	23.6	18.6	82.0	17.430	15.3	2.8	0.0	2.8	0.9
29	14.6	23.3	17.4	83.2	16.486	14.5	2.4	0.0	2.4	2.7
30	14.8	24.0	19.2	79.6	17.416	15.3	3.4	1.2	4.6	1.7
PROM.	15.4	24.2	19.1	79.8	17.454	15.3	34.7	82.1	116.8	106.5

ESTACION: OSPINA PEREZ

MUNICIPIO: CONSACA

AÑO: 1.981

ALTITUD: 1.700

LATITUD: 1-16 N.

LONGITUD: 77-28 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	25.0	18.6	76.5	16.101	14.1	1.5	0.0	1.5	2.8
2	14.0	24.0	19.4	74.1	16.380	14.3	0.0	3.9	3.9	9.0
3	14.0	25.5	19.2	75.4	16.291	14.2	0.0	0.0	0.0	7.5
4	15.6	25.5	19.5	75.0	16.667	14.6	0.0	0.0	0.0	1.5
5	15.6	24.3	19.1	78.4	17.198	15.1	0.0	0.0	0.0	3.5
6	15.3	23.6	18.6	76.0	16.038	14.0	0.0	1.0	1.0	0.7
7	15.0	25.0	18.7	75.1	16.215	14.2	22.6	4.3	26.9	2.4
8	13.5	18.0	15.9	80.3	14.341	12.3	0.7	0.0	0.7	0.0
9	14.5	25.0	18.9	78.0	16.643	14.5	0.0	0.0	0.0	1.5
10	14.5	26.5	20.3	68.8	16.107	14.1	0.0	0.0	0.0	8.7
11	16.5	24.5	18.8	83.0	17.898	15.7	0.6	1.0	1.6	2.3
12	16.0	25.5	19.1	83.1	18.025	15.8	1.4	0.9	2.3	4.1
13	15.6	24.5	19.9	80.8	18.507	16.2	0.0	0.1	0.1	5.5
14	14.5	24.0	19.1	76.0	16.597	14.6	0.0	0.3	0.3	2.5
15	14.0	24.0	18.4	76.6	15.922	13.7	0.0	23.6	23.6	4.1
16	16.0	23.0	19.2	82.3	17.395	15.7	0.2	0.0	0.2	0.9
17	16.0	25.0	19.2	84.9	19.006	16.7	17.6	0.0	17.6	3.9
18	15.0	23.0	18.1	87.7	18.167	15.9	0.3	0.0	0.3	2.5
19	13.6	26.5	19.9	79.5	18.014	15.8	0.0	0.0	0.0	9.5
20	15.0	29.0	20.8	71.0	17.165	14.4	0.0	0.0	0.0	10.0
21	16.6	26.5	20.9	68.5	17.395	14.9	0.0	0.0	0.0	7.5
22	15.3	26.0	20.0	78.2	17.804	15.6	0.0	0.0	0.0	4.8
23	15.5	25.0	19.6	78.6	17.640	15.5	0.0	14.9	14.9	5.5
24	16.0	22.5	18.6	90.8	19.707	17.2	2.9	14.3	17.2	1.5
25	15.0	23.5	19.0	86.7	18.830	16.5	0.2	1.9	2.1	2.6
26	17.0	25.5	19.3	82.8	18.630	16.4	6.4	1.3	7.7	5.1
27	17.0	24.0	18.6	83.8	18.190	16.0	1.6	0.5	2.1	3.3
28	14.0	24.5	18.7	83.0	17.641	15.5	4.1	6.4	10.5	5.4
29	15.0	23.5	19.4	84.0	18.716	16.5	0.0	1.5	1.5	3.8
30	16.0	25.5	18.9	82.7	17.955	15.8	0.0	2.4	2.4	6.6
31	14.0	25.5	19.7	80.2	17.908	15.7	0.0	0.0	0.0	6.5
PROM.	15.2	24.6	19.1	79.4	17.409	15.2	60.1	78.3	138.4	135.5

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	14.4	23.0	18.3	82.8	17.367	15.2	0.0	0.0	0.0	3.7
2	15.0	26.0	19.3	75.4	16.461	14.4	0.0	0.0	0.0	9.2
3	13.0	25.0	19.2	68.8	15.002	12.8	0.0	3.4	3.4	7.8
4	14.0	26.0	19.8	78.2	17.904	15.7	0.0	0.0	0.0	8.7
5	14.0	26.0	19.8	76.1	17.545	15.4	0.0	0.3	0.3	8.3
6	15.0	24.0	18.7	85.0	18.427	16.2	0.6	0.0	0.6	4.1
7	15.5	22.0	18.8	88.1	19.140	16.8	0.4	8.6	9.0	0.7
8	16.5	23.0	18.4	89.6	18.993	16.7	1.7	6.7	8.4	1.3
9	13.0	21.0	17.4	88.7	17.490	15.4	5.0	0.0	5.0	0.1
10	13.6	24.0	18.4	83.5	17.497	15.4	1.5	0.0	1.5	6.7
11	16.0	24.0	18.5	84.1	17.963	15.8	6.3	0.0	6.3	2.4
12	14.5	22.5	18.0	85.8	17.704	15.6	0.7	4.3	5.0	1.7
13	16.0	25.5	20.2	78.9	18.283	16.0	0.0	0.0	0.0	5.8
14	14.0	23.5	18.5	72.6	14.701	12.6	0.1	0.0	0.1	1.1
15	13.6	25.0	19.5	75.7	16.284	14.0	0.0	0.0	0.0	6.6
16	15.0	22.0	18.2	84.2	17.488	15.4	0.4	0.2	0.6	3.1
17	13.5	25.5	19.2	79.4	17.354	15.2	0.0	0.0	0.0	7.7
18	14.3	24.0	19.2	79.8	17.512	15.4	3.4	0.6	4.0	2.7
19	15.0	25.5	19.5	82.8	18.465	16.2	0.0	10.8	10.8	7.1
20	14.6	23.0	18.3	86.1	17.785	15.6	0.5	0.0	0.5	3.6
21	13.6	23.5	18.5	78.2	16.611	14.5	0.2	0.0	0.2	7.2
22	15.0	24.5	18.3	83.6	17.442	15.3	0.0	0.0	0.0	3.0
23	14.0	25.0	18.8	73.5	15.610	13.5	0.0	0.0	0.0	6.9
24	14.2	25.0	19.9	64.3	14.539	12.5	0.0	0.0	0.0	7.1
25	14.5	24.0	19.0	71.4	15.534	13.5	0.0	0.0	0.0	4.9
26	13.6	25.0	19.7	60.0	13.188	10.9	0.0	0.0	0.0	6.7
27	15.0	23.6	19.2	76.2	16.875	14.7	0.0	2.4	2.4	5.2
28	15.0	23.5	18.7	84.7	18.234	16.0	0.5	0.0	0.5	1.7
29	14.0	22.5	17.9	83.6	17.073	15.0	0.0	4.9	4.9	2.4
30	15.0	26.0	18.9	79.2	16.863	14.8	1.1	6.5	7.6	4.0
PROM.	14.5	24.1	18.9	79.3	17.044	14.9	22.4	48.7	71.1	141.5

ESTACION: OSPINA PEREZ

MUNICIPIO: CONSACA

AÑO: 1.921

ALTITUD: 1.700

LATITUD: 1-16 N.

LONGITUD: 77-28 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	24.0	18.5	79.6	16.696	14.7	0.0	0.0	0.0	5.3
2	15.0	23.0	17.0	85.9	17.157	15.0	10.4	7.0	17.4	3.1
3	14.0	23.5	17.7	80.0	16.218	14.1	1.2	1.1	2.3	3.3
4	14.5	23.5	18.2	85.7	17.811	15.7	0.6	0.0	0.6	5.2
5	14.5	24.0	18.9	83.2	18.102	15.9	0.0	3.8	3.8	8.3
6	14.0	25.0	18.8	77.0	16.241	14.2	4.2	0.0	4.2	4.7
7	14.5	25.0	19.6	78.3	17.422	15.2	0.0	0.0	0.0	7.4
8	14.5	25.0	19.5	71.3	15.985	13.8	0.0	3.6	3.6	7.1
9	14.5	24.0	18.6	84.7	18.011	15.8	0.0	0.0	0.0	6.8
10	14.0	22.5	17.5	90.4	17.913	15.7	0.0	0.0	0.0	6.4
11	14.6	25.0	19.3	82.6	18.105	15.8	0.1	0.0	0.1	6.3
12	15.0	24.5	18.8	77.1	16.605	14.6	0.0	0.0	0.0	5.2
13	13.3	24.5	18.0	71.8	14.089	11.8	0.0	0.0	0.0	3.2
14	13.5	24.5	18.5	63.4	13.272	11.1	0.0	0.0	0.0	5.7
15	14.5	22.5	18.5	77.7	16.229	14.2	0.6	0.0	0.6	3.7
16	13.0	23.0	17.8	83.4	16.591	14.5	0.0	0.3	0.3	4.1
17	13.0	22.5	16.7	87.3	16.349	14.3	3.1	9.6	12.7	4.4
18	15.0	25.5	19.2	78.6	16.972	14.9	2.1	0.0	2.1	3.7
19	14.5	25.5	18.8	77.5	16.692	14.6	0.0	0.0	0.0	7.2
20	14.0	26.0	19.0	72.8	15.685	13.6	0.6	0.0	0.6	6.2
21	14.0	27.0	20.2	58.8	13.576	11.2	1.1	0.0	1.1	7.9
22	12.5	28.5	20.2	47.5	10.535	7.6	0.0	0.0	0.0	9.5
23	16.5	27.5	21.5	36.7	9.492	6.2	0.0	0.0	0.0	10.9
24	17.0	26.0	21.1	34.5	8.548	4.7	0.0	0.0	0.0	10.6
25	16.5	25.6	21.1	39.3	9.560	6.9	0.0	0.0	0.0	10.9
26	16.0	27.0	21.8	38.0	9.734	6.6	0.0	0.0	0.0	10.4
27	18.0	27.0	22.5	36.6	9.971	6.9	0.0	0.0	0.0	8.7
28	19.0	27.0	22.8	35.9	10.002	7.0	0.0	0.0	0.0	10.5
29	14.0	27.5	21.5	42.8	10.028	6.9	0.0	0.0	0.0	10.5
30	14.0	29.0	21.9	43.8	10.740	8.0	0.0	0.0	0.0	10.4
31	15.2	28.3	21.6	45.9	11.228	8.7	0.0	0.0	0.0	9.8
PROM.	14.7	25.3	19.5	66.1	14.386	11.9	24.0	25.4	49.4	216.4

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	28.8	22.8	46.3	12.423	10.2	0.0	0.0	0.0	10.3
2	15.0	29.0	23.6	53.6	14.965	12.6	0.0	0.0	0.0	10.3
3	14.5	30.0	19.9	64.0	13.645	11.1	0.0	0.0	0.0	9.5
4	13.5	31.0	20.4	60.5	12.999	10.1	0.0	0.0	0.0	10.8
5	13.8	30.0	20.7	68.6	15.332	13.0	0.0	0.0	0.0	9.7
6	13.0	27.0	19.6	61.5	13.952	11.5	0.0	0.0	0.0	10.0
7	14.6	27.2	20.0	70.2	15.802	13.7	0.0	0.0	0.0	8.2
8	14.5	28.0	20.5	72.5	16.542	14.4	0.0	0.0	0.0	7.3
9	14.5	25.2	19.7	70.0	15.662	13.6	0.0	0.0	0.0	4.3
10	16.0	29.0	21.2	57.3	13.929	11.3	0.0	0.0	0.0	8.9
11	16.0	24.2	19.3	81.5	18.035	15.8	3.1	5.2	8.3	2.0
12	14.3	22.2	17.6	86.4	17.285	15.2	0.0	0.0	0.0	2.0
13	14.5	26.7	21.6	55.4	12.720	9.9	0.0	0.0	0.0	6.4
14	13.6	27.5	19.7	65.8	13.822	11.0	0.0	0.0	0.0	5.8
15	14.2	22.5	18.5	75.6	15.931	13.9	0.0	0.0	0.0	0.6
16	15.0	24.5	18.4	78.7	16.458	14.3	2.6	0.1	2.7	4.7
17	13.4	25.2	18.3	82.1	17.095	15.0	0.3	0.6	0.9	4.2
18	14.0	23.6	19.1	74.6	16.279	14.2	0.0	4.6	4.6	5.3
19	14.0	23.9	20.1	44.6	10.039	7.0	0.0	0.0	0.0	3.1
20	14.5	27.0	20.4	59.5	13.345	11.0	0.0	0.0	0.0	7.0
21	14.0	26.5	18.6	69.7	14.771	12.6	4.2	0.0	4.2	5.3
22	12.5	26.4	19.4	69.0	14.875	12.6	0.9	0.0	0.9	9.5
23	13.4	26.5	19.5	71.1	15.264	12.9	0.3	0.7	1.0	10.1
24	13.5	23.0	17.9	84.5	17.056	15.0	2.9	67.1	70.0	5.0
25	13.5	21.0	17.4	85.6	16.784	14.7	2.3	0.0	2.3	2.0
26	13.5	24.5	19.0	78.7	16.763	14.7	0.0	0.0	0.0	7.7
27	13.5	24.2	19.7	65.0	14.160	12.0	0.0	0.0	0.0	7.0
28	14.1	24.5	19.5	74.9	16.439	14.2	0.5	0.0	0.5	7.7
29	14.3	22.0	16.8	84.8	16.222	14.2	4.6	5.2	9.8	0.9
30	13.5	21.5	17.3	87.8	17.117	15.0	3.9	0.0	3.9	5.1
31	13.3	20.5	16.9	62.6	11.316	8.6	5.7	0.0	5.7	2.7
PROM.	14.2	25.6	19.5	69.8	15.065	12.8	31.3	83.5	114.8	193.4

ESTACION: USPINA PEREZ

MUNICIPIO: CONSACA

AÑO: 1.941

ALTITUD: 1.700

LATITUD: 1-16 N.

LONGITUD: 77-28 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	21.0	16.9	66.3	12.591	10.3	0.0	0.0	0.0	1.9
2	11.0	24.0	18.3	65.1	13.196	10.9	0.0	0.0	0.0	9.3
3	13.0	23.2	18.4	72.9	15.058	13.0	0.0	0.0	0.0	5.9
4	12.6	25.3	18.0	75.7	15.308	13.3	0.0	0.0	0.0	9.0
5	12.5	23.3	18.2	71.2	14.435	12.3	0.0	0.0	0.0	4.3
6	14.5	22.5	18.3	79.9	16.352	14.3	0.4	0.0	0.4	2.9
7	13.6	24.4	18.3	81.8	17.050	15.0	0.0	0.5	0.5	7.4
8	15.0	25.3	19.0	74.2	15.900	13.7	0.0	0.0	0.0	5.9
9	14.0	25.4	20.1	61.7	13.983	11.8	0.0	0.0	0.0	7.5
10	13.5	25.6	18.3	78.7	16.051	14.0	0.0	0.8	0.8	6.3
11	14.4	24.4	18.4	66.7	13.853	11.8	0.0	0.0	0.0	3.0
12	13.5	27.0	19.3	64.0	13.802	11.6	0.0	28.7	28.7	8.5
13	14.5	25.0	20.0	76.7	17.487	15.4	0.8	20.9	21.7	6.5
14	14.5	25.9	19.5	78.0	17.356	13.2	1.2	0.0	1.2	6.5
15	15.3	25.5	19.1	77.5	17.086	15.0	0.0	0.0	0.0	3.5
16	15.0	26.5	19.5	64.0	14.144	11.7	0.0	0.0	0.0	3.2
17	14.0	27.5	19.5	72.3	15.900	13.8	0.0	0.0	0.0	8.6
18	13.6	26.0	19.9	56.5	13.220	10.6	0.0	0.0	0.0	5.7
19	16.0	25.0	20.2	61.5	14.740	12.5	0.0	0.0	0.0	4.7
20	14.0	27.5	20.7	60.9	14.394	12.4	0.0	0.0	0.0	7.8
21	17.0	29.0	22.9	39.2	10.870	8.1	0.0	0.0	0.0	5.1
22	19.0	29.0	23.9	34.3	10.481	7.3	0.0	0.0	0.0	9.8
23	20.0	30.0	23.5	35.4	10.402	7.5	0.0	0.0	0.0	10.6
24	19.5	26.0	22.6	40.2	11.002	8.4	0.0	0.0	0.0	4.9
25	16.0	28.5	22.0	49.8	12.167	9.7	0.0	0.0	0.0	7.8
26	14.6	29.0	20.9	62.7	14.549	12.3	0.0	0.0	0.0	7.7
27	13.3	28.0	19.5	69.2	14.509	11.9	0.0	0.0	0.0	7.2
28	12.5	30.5	20.7	61.5	14.059	11.8	0.0	0.0	0.0	10.5
29	15.0	27.4	19.4	70.5	15.062	13.0	0.0	0.0	0.0	9.7
30	16.0	26.0	19.6	75.5	16.822	14.7	0.0	0.0	0.0	5.0
PROM.	14.6	26.1	19.8	64.8	14.394	12.1	2.4	50.9	53.3	196.7

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	15.3	25.0	19.5	77.4	17.218	15.1	0.0	0.0	0.0	4.4
2	13.0	28.0	19.3	74.1	15.920	13.8	0.1	0.0	0.1	7.4
3	14.0	24.5	18.1	80.4	16.404	14.3	1.4	1.0	2.4	2.6
4	13.6	26.0	19.6	71.9	15.865	13.8	0.0	0.0	0.0	7.8
5	16.1	28.0	20.4	76.6	17.706	15.5	0.0	0.2	0.2	6.3
6	15.5	22.0	18.4	86.2	18.021	15.8	0.0	0.2	0.2	0.1
7	14.0	26.5	19.5	68.3	15.286	13.2	0.0	3.3	3.3	7.7
8	14.5	22.0	16.9	92.1	17.922	15.8	1.3	0.7	2.0	4.1
9	14.5	22.0	17.5	92.2	18.320	16.1	5.5	11.1	16.6	0.6
10	14.5	22.0	17.7	86.9	17.542	15.4	17.6	0.4	18.0	0.8
11	13.6	24.5	18.8	79.3	16.842	14.8	2.3	4.2	6.5	6.8
12	14.5	25.0	18.8	81.8	17.474	15.3	0.0	0.0	0.0	3.1
13	14.3	23.5	17.5	84.4	16.809	14.7	2.5	0.0	2.5	4.5
14	13.5	25.5	19.3	78.9	17.189	15.1	0.0	1.2	1.2	4.5
15	14.6	24.0	19.4	81.0	17.857	15.7	0.5	13.4	13.9	1.7
16	16.0	24.5	19.2	83.1	18.443	16.2	0.5	0.8	1.3	1.8
17	14.5	23.5	18.4	83.8	17.570	15.4	0.0	3.5	3.5	1.7
18	14.5	24.2	18.4	83.3	17.396	15.2	4.0	0.0	4.0	2.4
19	13.0	26.0	19.2	74.0	15.640	13.5	0.0	0.0	0.0	9.5
20	12.5	28.0	19.7	61.1	13.163	10.8	0.0	0.0	0.0	9.9
21	13.0	29.0	20.2	62.8	14.208	11.9	0.0	0.0	0.0	10.0
22	14.5	25.0	19.1	81.0	17.567	15.5	0.0	4.8	4.8	6.2
23	16.0	23.5	17.6	91.1	18.460	16.2	8.9	11.5	20.4	1.9
24	15.0	23.0	17.8	85.9	17.402	15.3	0.0	0.0	0.0	3.4
25	14.0	27.5	20.4	74.4	17.089	15.0	0.0	0.0	0.0	9.5
26	14.5	24.5	18.2	88.1	18.588	16.3	4.5	1.8	6.3	6.6
27	15.5	25.0	18.7	85.5	18.435	16.2	0.0	1.5	1.5	0.8
28	14.0	26.0	19.2	76.1	16.379	14.4	0.0	0.8	0.8	5.8
29	15.5	24.5	19.0	82.5	17.901	15.7	0.0	5.8	5.8	5.0
30	15.0	22.0	18.2	85.7	17.880	15.7	0.0	0.0	0.0	0.3
31	16.0	25.0	18.0	83.0	17.080	15.0	7.5	8.9	16.4	5.8
PROM.	14.5	24.8	18.8	80.4	17.083	14.9	56.6	75.1	131.7	143.0

ESTACION: OSPINA PEREZ

MUNICIPIO: CONSACA

AÑO: 1.961

ALTITUD: 1.700

LATITUD: 1-16 N.

LONGITUD: 77-28 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	19.0	17.3	86.0	16.942	14.8	2.8	2.5	5.3	0.1
2	14.0	26.0	19.2	75.5	16.173	14.1	0.0	0.0	0.0	6.1
3	13.5	27.0	19.3	74.9	15.954	13.9	0.0	15.8	15.8	9.0
4	16.5	26.0	18.8	82.7	17.937	15.8	0.1	1.4	1.5	3.9
5	15.5	25.5	18.9	82.5	17.818	15.7	0.5	0.0	0.5	5.1
6	13.5	26.5	19.0	74.5	15.823	13.7	0.0	0.0	0.0	9.9
7	14.5	25.5	18.6	81.7	17.293	15.2	9.2	7.5	16.7	5.0
8	15.0	23.0	18.4	90.3	19.226	16.9	7.0	2.5	9.5	2.1
9	15.0	23.0	18.4	86.2	18.127	15.9	9.7	7.2	16.9	0.7
10	14.5	24.0	18.6	82.6	17.379	15.3	0.0	0.5	0.5	5.6
11	15.0	24.0	18.3	83.1	17.536	15.4	0.0	0.3	0.3	4.9
12	15.0	24.5	18.7	80.4	17.175	15.1	8.0	0.0	0.0	4.1
13	16.0	24.0	18.5	84.9	17.891	15.7	1.1	13.6	14.7	2.2
14	16.0	24.5	18.8	84.8	18.307	16.1	0.0	17.3	17.3	4.0
15	16.0	24.5	18.5	86.7	18.511	16.3	2.7	23.3	26.0	4.7
16	14.5	23.5	18.3	84.4	17.570	15.4	3.1	3.5	6.6	1.5
17	14.0	25.0	18.7	82.2	17.417	15.3	0.1	13.2	13.3	5.1
18	16.0	23.6	18.4	85.4	18.120	15.9	0.9	0.0	0.9	3.6
19	15.0	24.0	18.4	86.5	18.177	16.0	0.0	0.0	0.0	1.8
20	14.5	24.5	18.7	82.3	17.609	15.5	3.6	1.0	4.6	4.6
21	16.0	24.0	18.0	88.2	18.316	16.1	0.0	0.0	0.0	3.5
22	14.0	25.5	19.9	72.5	16.841	14.7	0.0	5.9	5.9	7.9
23	16.5	25.5	19.3	81.7	18.202	16.0	0.5	32.3	32.8	4.1
24	16.5	25.5	19.3	84.4	18.678	16.4	0.0	6.7	6.7	6.7
25	15.0	25.0	19.1	80.5	17.599	15.5	0.1	3.8	3.9	6.3
26	16.5	25.0	19.7	83.6	19.096	16.8	0.0	14.2	14.2	5.5
27	15.5	26.0	18.7	81.0	17.263	15.1	0.5	5.1	5.6	4.2
28	14.5	25.5	18.9	80.4	17.413	15.3	0.0	6.1	6.1	7.3
29	15.5	25.0	19.0	86.0	18.981	16.6	0.0	0.0	0.0	6.0
30	13.5	25.5	18.9	74.7	15.719	13.7	0.0	2.3	2.3	7.2
PROM.	15.1	24.7	18.8	82.4	17.636	15.5	41.9	186.0	227.9	142.7

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	23.5	18.8	85.6	18.546	16.3	1.8	3.5	5.3	1.6
2	16.0	25.5	19.5	82.9	18.628	16.4	0.0	0.0	0.0	4.5
3	15.0	26.5	19.0	82.5	18.119	15.9	0.0	0.0	0.0	6.4
4	16.0	22.5	18.1	87.8	18.258	16.1	1.4	0.5	1.9	1.0
5	15.0	19.0	16.8	95.7	18.470	16.2	11.2	5.4	16.6	0.0
6	15.0	25.2	18.3	86.1	18.092	15.9	0.0	0.0	0.0	3.1
7	16.0	24.5	19.6	83.5	18.843	16.6	0.0	0.0	0.0	2.3
8	15.2	25.3	19.2	84.3	18.651	16.4	0.0	0.0	0.0	4.1
9	14.0	23.0	18.4	85.7	17.900	15.7	0.0	0.7	0.7	2.7
10	15.0	24.0	18.6	85.6	18.181	16.0	0.9	2.4	3.3	2.2
11	16.5	22.5	18.3	92.1	19.460	17.1	1.5	4.5	6.0	1.0
12	14.9	21.5	17.9	93.2	19.054	16.7	2.6	0.0	2.6	0.3
13	14.5	25.0	19.2	83.5	18.715	16.3	0.2	0.0	0.2	6.6
14	14.0	24.0	18.2	85.9	17.865	15.7	9.3	2.0	12.1	5.6
15	13.8	24.5	18.7	83.6	17.583	15.4	1.3	0.3	1.6	4.5
16	15.2	23.5	18.4	88.0	18.688	16.4	13.6	0.0	13.6	3.1
17	14.0	24.0	18.6	83.2	17.599	15.5	2.5	22.0	24.5	6.2
18	16.0	23.9	18.6	84.0	17.876	15.7	0.1	0.7	0.8	4.4
19	15.4	24.5	18.4	86.7	18.277	16.1	0.5	17.3	17.8	3.7
20	15.0	25.0	18.8	83.2	17.817	15.7	0.0	6.1	6.1	3.5
21	15.5	23.5	18.4	86.1	18.126	15.9	0.0	0.0	0.0	1.8
22	15.0	25.0	19.2	81.7	17.799	15.6	0.0	0.0	0.0	5.9
23	15.0	23.0	18.6	84.3	17.996	15.8	0.0	5.4	5.4	3.5
24	15.5	25.0	19.3	84.4	18.783	16.5	0.1	0.1	0.2	3.1
25	15.0	23.5	18.7	83.7	18.060	15.9	3.5	45.7	49.2	3.0
26	13.2	24.5	18.8	81.7	17.306	15.2	0.2	0.0	0.2	8.3
27	14.5	23.0	18.5	84.5	17.855	15.7	0.0	0.0	0.0	3.3
28	15.5	26.0	19.4	83.9	18.664	16.4	0.0	2.1	2.1	4.8
29	16.5	25.5	18.7	86.1	18.904	16.6	5.5	35.4	40.9	4.2
30	14.5	24.5	18.3	76.9	16.274	14.1	0.2	2.7	2.9	5.3
31	15.5	25.0	18.7	83.7	17.881	15.7	0.0	0.6	0.6	6.7
PROM.	15.1	24.1	18.7	85.2	18.202	16.0	56.4	158.2	214.6	116.7

ESTACION: OSPINA PEREZ

MUNICIPIO

CONSACA

AÑO:

1.981

ALTITUD: 1.700

LATITUD:

1-16 N.

LONGITUD:

77-28 W.

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	14.9	24.7	18.8	11.5	27.0	75.3	15.994	13.9	54.5	19	193.3
FEBRERO	15.2	24.9	19.3	13.5	29.5	76.5	16.681	14.6	153.0	16	126.1
MARZO	15.3	25.0	19.4	13.6	30.0	75.6	16.556	14.4	191.2	22	123.8
ABRIL	15.4	24.2	19.1	13.6	26.5	79.8	17.454	15.3	116.8	25	106.5
MAYO	15.2	24.6	19.1	13.5	29.0	79.4	17.409	15.2	138.4	21	135.5
JUNIO	14.5	24.1	18.9	13.0	26.0	79.3	17.044	14.9	71.1	19	141.5
JULIO	14.7	25.3	19.5	12.5	29.0	66.1	14.386	11.9	49.4	13	216.4
AGOSTO	14.2	25.6	19.5	12.5	31.0	69.8	15.065	12.8	114.8	13	193.4
SEPTIEMBRE	14.6	26.1	19.8	11.0	30.5	64.8	14.394	12.1	53.3	6	196.7
OCTUBRE	14.5	24.8	18.8	12.5	29.0	80.4	17.083	14.9	131.7	22	143.0
NOVIEMBRE	15.1	24.7	18.8	13.5	27.0	82.4	17.636	15.5	227.9	24	142.7
DICIEMBRE	15.1	24.1	18.7	13.2	26.5	85.2	18.202	16.0	214.6	23	116.7
PROMEDIO	14.9	24.8	19.1	12.8	28.4	76.2	16.492	14.3			
TOTAL									1516.7	223	1835.6

ESTACION: FRANCISCO ROMERO

MUNICIPIO: SALAZAR

AÑO: 1.981

ALTITUD: 1.000

LATITUD: 7-46 N.

LONGITUD: 72-48 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.6	26.1	21.0	88.8	22.140	19.1	0.0	1.5	1.5	2.1
2	16.3	26.3	20.9	83.0	20.020	17.5	0.0	0.0	0.0	5.0
3	16.5	29.5	22.5	71.1	18.592	16.1	0.0	0.0	0.0	7.2
4	16.6	28.5	22.2	76.3	20.057	17.5	0.0	0.0	0.0	2.5
5	17.5	27.0	21.8	81.5	20.841	18.2	0.0	1.6	1.6	3.9
6	17.0	25.8	21.4	87.4	22.671	19.5	0.0	1.9	1.9	0.5
7	17.0	27.6	22.4	81.8	22.062	19.0	0.0	0.0	0.0	1.5
8	18.0	27.3	22.0	81.5	21.285	18.4	0.0	0.0	0.0	2.2
9	17.8	28.1	22.6	86.0	23.507	20.1	0.0	0.0	0.0	2.1
10	16.6	29.6	22.7	71.8	19.266	16.9	0.0	0.0	0.0	6.6
11	17.5	27.5	21.7	81.0	20.837	18.1	0.3	4.7	5.0	5.3
12	18.0	27.3	21.9	82.6	21.438	18.6	0.0	0.0	0.0	1.7
13	17.5	25.0	20.5	85.3	20.628	18.0	0.0	6.1	6.1	0.4
14	17.0	25.0	19.9	89.2	20.912	18.2	0.0	0.0	0.0	0.7
15	15.6	28.8	21.7	70.5	17.907	15.5	0.0	0.0	0.0	4.4
16	17.0	28.3	22.2	75.0	19.356	16.9	0.0	0.0	0.0	3.4
17	17.0	27.5	21.7	82.6	20.888	18.1	0.0	0.0	0.0	3.6
18	16.5	26.5	20.4	80.5	19.317	16.9	0.0	0.0	0.0	1.6
19	16.0	26.5	21.7	80.2	20.670	18.0	0.0	0.0	0.0	3.4
20	15.5	26.3	22.3	74.9	19.552	17.1	0.0	0.0	0.0	3.1
21	15.4	26.3	21.6	73.7	18.270	16.0	0.0	0.3	0.3	4.4
22	15.0	27.6	20.9	76.8	18.260	16.0	0.0	0.0	0.0	6.4
23	16.0	28.3	21.5	75.5	18.845	16.5	0.0	0.0	0.0	4.3
24	15.3	28.8	21.6	63.5	16.142	14.1	0.0	0.0	0.0	4.4
25	16.4	29.9	23.1	71.9	19.347	16.8	0.0	0.0	0.0	4.8
26	18.0	28.6	22.6	77.6	20.575	17.7	0.0	0.0	0.0	1.4
27	17.3	28.0	22.8	79.1	21.245	18.4	0.0	0.0	0.0	1.8
28	17.6	27.0	20.6	83.5	20.116	17.6	0.0	5.0	5.0	0.3
29	17.4	27.3	21.7	82.1	20.905	18.2	0.0	2.7	2.7	0.0
30	17.6	24.0	20.7	84.7	20.556	18.0	0.0	0.2	0.2	0.0
31	15.4	27.8	21.3	78.8	19.403	16.9	5.2	3.7	8.9	3.7
PROM.	16.8	27.5	21.7	79.3	20.181	17.5	5.5	27.7	33.2	92.7

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	17.0	29.3	23.1	74.7	20.313	17.6	0.0	0.0	0.0	
2	15.0	29.5	23.1	73.6	19.990	17.4	0.0	0.0	0.0	
3	15.4	28.0	22.5	69.4	18.253	15.9	0.0	0.0	0.0	
4	15.6	26.5	21.4	80.7	20.090	17.5	0.0	0.5	0.5	
5	18.0	24.5	21.1	84.3	21.090	18.3	0.0	0.0	0.0	
6	15.6	26.0	20.2	80.5	18.662	16.3	17.1	0.0	17.1	
7	16.6	27.0	22.0	81.1	20.891	18.2	0.0	0.0	0.0	
8	18.0	25.4	22.7	80.7	21.857	18.9	0.0	0.0	0.0	
9	18.5	27.0	22.5	73.3	19.805	17.2	0.0	3.1	3.1	
10	18.0	27.3	22.8	74.9	20.120	17.6	0.0	0.0	0.0	
11	16.5	28.0	21.7	75.6	18.989	16.7	0.0	0.0	0.0	
12	17.6	21.5	19.3	91.4	20.511	17.9	24.8	0.0	24.8	
13	17.3	23.8	19.7	90.0	20.787	18.1	2.9	0.0	2.9	
14	16.6	24.0	20.3	84.3	19.793	17.3	0.0	1.3	1.3	
15	18.0	25.5	21.6	82.6	21.091	18.3	0.2	0.0	0.2	
16	18.0	28.0	21.7	82.9	21.312	18.5	0.3	0.0	0.3	
17	18.0	27.0	21.9	78.8	20.397	17.9	0.0	0.0	0.0	
18	17.6	27.0	22.0	81.7	21.680	18.8	19.2	29.7	48.9	
19	17.4	26.8	21.4	83.5	21.230	18.5	2.6	0.0	2.6	
20	17.5	28.0	22.4	78.4	20.871	18.1	0.0	0.0	0.0	
21	18.0	26.0	20.4	86.3	20.717	18.0	0.9	36.5	37.4	
22	18.6	26.5	21.9	84.3	22.013	19.0	0.9	0.2	1.1	
23	18.0	25.3	20.7	89.6	22.247	19.2	2.9	29.8	32.7	
24	18.6	28.8	22.6	78.8	21.452	18.6	2.5	9.7	12.2	
25	18.6	26.5	22.0	75.4	19.538	17.1	0.1	6.5	6.6	
26	18.6	29.8	23.5	74.1	20.752	18.0	0.0	0.0	0.0	
27	19.0	31.2	24.9	66.4	20.167	17.6	0.0	0.0	0.0	
28	19.5	30.4	24.5	73.9	22.244	19.1	0.0	0.0	0.0	
PROM.	17.5	27.0	21.9	79.7	20.609	17.9	74.4	117.3	191.7	

ESTACION: FRANCISCO ROMERO

MUNICIPIO: SALAZAR

AÑO: 1.981

ALTITUD: 1.000

LATITUD: 7-46 N.

LONGITUD: 72-48 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	28.6	24.0	73.5	21.491	18.7	0.0	5.8	5.8	
2	19.0	26.5	21.8	88.3	23.384	20.0	0.0	0.0	0.0	
3	17.0	29.9	22.6	73.3	19.587	17.1	0.0	0.0	0.0	
4	17.5	31.0	23.8	72.7	20.885	18.2	0.0	0.0	0.0	
5	19.5	29.5	23.3	77.4	22.055	19.1	0.0	0.0	0.0	
6	20.0	28.0	22.6	83.5	23.165	19.9	5.3	1.8	7.1	
7	18.5	28.0	22.8	81.8	22.541	19.4	12.7	28.8	41.5	
8	18.0	27.6	23.2	85.2	23.984	20.4	2.1	2.7	4.8	
9	18.0	26.0	21.8	87.1	22.560	19.4	0.8	2.8	3.6	
10	19.5	27.0	21.9	84.0	22.150	19.1	0.0	0.0	0.0	
11	19.0	23.5	20.4	82.1	19.818	17.2	0.0	0.0	0.0	
12	18.0	29.0	22.7	77.3	20.639	18.0	0.0	0.0	0.0	
13	16.6	29.5	23.7	72.0	19.937	17.2	0.0	0.0	0.0	
14	18.5	28.0	22.9	80.9	22.563	19.4	0.0	0.0	0.0	
15	18.0	27.0	22.7	80.5	21.974	19.0	0.0	22.6	22.6	
16	17.0	27.0	22.3	79.7	20.968	18.2	0.0	0.4	0.4	
17	16.0	28.0	21.7	80.7	20.544	17.9	0.0	0.0	0.0	
18	15.0	28.5	21.6	78.4	19.416	16.9	0.0	0.0	0.0	
19	16.2	28.5	22.1	76.0	19.475	16.9	0.0	0.0	0.0	
20	17.0	28.8	23.0	77.8	21.414	18.6	0.0	0.0	0.0	
21	18.0	29.0	22.8	79.6	22.020	19.0	2.3	4.1	6.4	
22	16.5	28.5	22.0	83.4	21.906	18.9	0.0	0.0	0.0	
23	17.5	29.5	23.6	78.2	21.624	18.7	0.0	0.0	0.0	
24	16.5	29.5	22.4	78.6	21.257	18.5	0.0	0.0	0.0	
25	17.0	28.5	22.2	79.3	20.883	18.2	0.0	0.0	0.0	
26	19.5	27.5	22.5	82.0	22.392	19.3	0.0	0.4	0.4	
27	18.8	25.6	22.1	85.7	22.771	19.6	0.0	0.0	0.0	
28	17.5	30.2	23.5	72.9	19.727	17.1	0.0	0.0	0.0	
29	17.5	28.6	22.6	76.6	20.542	17.9	0.0	0.0	0.0	
30	16.0	30.5	23.3	73.7	19.750	17.2	0.0	0.0	0.0	
31	15.5	28.6	20.1	75.4	18.039	15.9	0.0	0.0	0.0	
PROM.	17.6	28.2	22.5	79.2	21.273	18.4	23.2	69.4	92.6	

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	16.6	29.0	22.7	75.8	20.892	18.1	0.0	0.0	0.0	
2	18.0	28.0	23.4	78.0	22.224	19.2	0.0	0.0	0.0	
3	18.5	26.3	22.6	85.4	23.392	20.0	0.2	0.0	0.2	
4	18.0	26.0	21.3	86.3	22.047	19.1	22.3	45.7	68.0	
5	16.6	26.0	20.4	86.6	20.815	18.1	0.7	0.0	0.7	
6	17.0	28.0	21.9	72.0	18.953	16.6	21.1	44.4	65.5	
7	18.5	23.0	20.5	88.5	21.559	18.7	17.3	1.2	18.5	
8	19.0	21.5	19.6	89.5	20.609	18.0	1.5	0.3	1.8	
9	18.5	23.5	20.3	85.4	20.542	17.9	0.0	1.4	1.4	
10	19.5	25.0	21.5	82.8	21.158	18.4	2.6	0.2	2.8	
11	18.5	25.0	20.5	86.2	20.967	18.3	0.0	0.0	0.0	
12	18.0	24.5	21.4	86.4	22.131	19.1	4.3	16.0	20.3	
13	18.5	25.0	21.2	91.5	23.025	19.7	0.2	0.8	1.0	
14	18.5	25.5	20.8	91.0	22.769	19.6	26.0	6.7	32.7	
15	19.5	25.5	21.8	86.3	22.611	19.5	41.8	39.2	81.0	
16	19.0	26.2	21.6	86.1	22.443	19.4	0.2	2.2	2.4	
17	18.0	29.5	23.0	79.4	21.821	18.8	7.2	34.0	41.2	
18	18.0	27.0	21.8	83.9	22.136	19.1	3.6	25.9	29.5	
19	19.0	25.5	21.6	90.5	23.529	20.1	0.5	21.3	21.8	
20	19.0	27.3	22.7	81.6	22.379	19.3	0.8	0.8	1.6	
21	17.5	27.0	22.2	86.2	23.286	19.9	0.7	22.7	23.4	
22	18.0	28.3	22.6	82.3	22.215	19.1	0.0	5.7	5.7	
23	18.0	26.5	22.3	84.5	22.896	19.7	5.8	6.7	12.5	
24	17.5	26.0	22.5	87.9	24.169	20.5	2.8	0.0	2.8	
25	18.8	27.6	22.4	83.7	22.920	19.7	0.5	0.0	0.5	
26	19.0	30.5	24.6	78.7	23.775	20.2	0.0	0.0	0.0	
27	18.5	27.0	20.0	93.5	22.273	19.2	30.4	0.1	30.5	
28	18.5	28.0	21.7	84.5	21.989	19.0	4.3	0.7	5.0	
29	18.0	26.5	21.5	84.1	21.694	18.8	51.4	4.1	55.5	
30	18.6	28.0	22.3	83.5	22.588	19.5	8.0	0.7	8.7	
PROM	18.3	26.4	21.8	84.7	22.127	19.1	254.2	280.8	535.0	

ESTACION: FRANCISCO ROMERO

MUNICIPIO: SALAZAR

AÑO: 1.961

ALTITUD: 1.000

LATITUD: 7-46 N.

LONGITUD: 72-48 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	27.5	22.2	80.4	21.481	18.6	0.0	10.9	10.9	
2	18.0	28.6	23.3	80.3	22.615	19.4	0.0	29.6	29.6	
3	19.5	25.5	20.8	93.6	22.902	19.7	10.5	1.4	11.9	
4	18.0	28.5	22.8	81.8	22.454	19.3	0.0	0.0	0.0	
5	20.0	27.0	21.7	88.2	23.713	20.2	8.9	3.0	11.9	
6	17.6	28.0	21.8	80.6	21.144	18.4	6.7	4.6	11.3	
7	18.0	25.6	21.9	89.6	23.425	20.0	1.0	55.4	56.4	
8	18.0	29.5	22.5	78.9	21.229	18.4	20.2	40.2	60.4	
9	19.0	27.0	21.9	83.8	22.116	19.1	29.0	67.3	96.3	
10	16.5	29.0	22.1	81.6	21.277	18.4	9.6	82.8	92.4	
11	18.0	26.0	21.7	89.0	23.115	19.8	19.6	27.3	46.9	
12	18.6	25.6	20.2	90.9	22.148	19.0	45.4	9.7	55.1	
13	17.1	29.5	22.8	77.3	21.116	18.4	0.0	1.7	1.7	
14	18.5	28.6	22.8	79.7	22.080	19.1	0.0	0.0	0.0	
15	19.0	27.3	21.6	85.1	22.210	19.2	76.8	19.9	96.7	
16	18.4	28.3	22.5	79.0	21.605	18.7	0.0	0.0	0.0	
17	18.6	27.3	21.3	84.3	21.576	18.7	0.0	2.0	2.0	
18	18.0	28.0	21.5	82.7	21.929	19.0	2.6	0.0	2.6	
19	16.5	29.0	22.6	76.5	20.659	18.0	0.0	0.0	0.0	
20	17.0	30.2	22.5	78.3	20.921	18.2	0.0	0.0	0.0	
21	18.5	30.2	23.5	76.0	21.622	18.8	0.0	0.0	0.0	
22	18.5	30.3	23.8	77.9	22.394	19.2	0.0	14.2	14.2	
23	19.3	28.8	23.2	75.6	21.502	18.7	0.0	0.7	0.7	
24	18.5	27.0	22.6	85.3	23.635	20.1	0.1	5.8	5.9	
25	18.0	28.5	21.8	82.8	21.859	18.9	3.7	0.0	3.7	
26	17.5	27.5	22.5	80.6	21.907	19.0	0.0	0.0	0.0	
27	18.0	29.5	23.7	77.2	22.614	19.5	0.0	0.0	0.0	
28	18.5	28.0	22.0	81.4	21.811	18.9	0.0	0.0	0.0	
29	18.5	26.0	22.0	81.0	21.837	18.9	0.4	0.0	0.4	
30	17.5	27.5	21.5	83.3	21.299	18.5	0.5	46.5	47.0	
31	18.0	27.0	20.5	82.1	20.298	17.7	7.0	7.6	14.6	
PROM.	18.1	27.9	22.2	82.1	21.948	19.0	242.0	430.6	672.6	

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	17.6	25.5	21.6	83.5	21.700	18.8	2.4	16.9	19.3	
2	18.0	24.5	20.3	85.8	20.834	18.2	1.0	0.0	1.0	
3	18.0	27.0	21.9	81.9	21.481	18.6	0.0	0.0	0.0	
4	17.0	28.0	22.4	79.8	21.442	18.6	0.0	0.0	0.0	
5	17.0	29.5	23.2	77.4	21.692	18.8	0.0	0.0	0.0	
6	18.0	28.6	23.1	81.0	22.838	19.6	0.0	0.0	0.0	
7	19.0	26.4	21.3	83.3	21.683	18.8	3.7	0.0	3.7	
8	17.6	23.0	19.7	91.6	21.334	18.5	3.5	0.0	3.5	
9	17.5	26.0	21.3	84.0	21.322	18.5	0.0	0.0	0.0	
10	18.0	26.0	21.7	87.9	22.815	19.6	0.0	0.0	0.0	
11	18.4	27.0	21.4	81.8	21.143	18.4	0.9	0.0	0.9	
12	17.0	27.0	21.3	75.6	18.863	16.5	0.8	0.0	0.8	
13	18.0	27.0	22.2	81.7	21.653	18.7	0.0	0.0	0.0	
14	17.0	27.0	20.9	80.9	20.064	17.6	0.0	0.0	0.0	
15	16.5	28.5	22.0	79.1	20.810	18.1	0.0	0.0	0.0	
16	17.3	27.0	21.7	80.2	20.690	18.0	0.0	0.0	0.0	
17	18.5	29.0	22.7	79.5	21.769	18.8	0.7	0.0	0.7	
18	17.5	26.4	22.1	80.3	21.311	18.5	0.0	0.0	0.0	
19	18.0	26.8	21.5	81.4	21.070	18.3	0.5	0.0	0.5	
20	16.6	27.5	21.5	85.6	21.948	18.9	1.2	0.9	2.1	
21	17.5	29.0	22.7	76.6	20.889	18.1	0.0	0.0	0.0	
22	18.5	27.0	22.7	82.5	22.547	19.4	0.0	0.0	0.0	
23	17.0	27.0	21.5	79.1	20.348	17.8	2.8	7.1	9.9	
24	16.5	27.5	21.3	78.9	19.916	17.4	0.0	0.2	0.2	
25	18.0	27.3	21.9	78.8	20.727	18.0	0.0	0.0	0.0	
26	16.5	29.0	21.7	78.2	20.495	17.9	15.6	0.0	15.6	
27	17.0	26.5	21.0	85.7	21.553	18.7	0.3	0.0	0.3	
28	16.6	29.0	22.2	77.8	20.646	18.0	15.2	8.5	23.7	
29	17.5	28.5	21.8	84.2	21.813	18.9	0.0	0.0	0.0	
30	18.0	27.0	21.9	80.5	21.087	18.4	0.0	0.0	0.0	
PROM	17.5	27.2	21.8	81.5	21.216	18.4	48.6	33.6	82.2	

ESTACION: FRANCISCO ROMERO

MUNICIPIO: SALAZAR

AÑO: 1.961

ALTITUD: 1.000

LATITUD: 7-46 N.

LONGITUD: 72-48 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	29.0	23.0	76.2	20.428	17.7	2.8	0.8	3.6	
2	17.5	29.3	23.0	76.8	21.243	18.5	0.0	0.3	0.3	
3	15.5	29.3	22.5	78.5	20.583	17.8	0.0	0.0	0.0	
4	17.0	29.5	22.7	75.2	20.162	17.6	0.0	0.0	0.0	
5	17.5	24.0	19.7	93.4	21.790	18.8	23.2	0.0	23.2	
6	15.5	28.3	21.9	77.6	19.720	17.2	6.6	14.9	21.5	
7	18.0	29.5	21.9	79.5	21.101	18.4	0.0	0.0	0.0	
8	16.0	30.0	22.1	75.4	19.597	17.1	0.0	0.0	0.0	
9	17.5	28.0	22.1	80.8	21.524	18.7	0.0	0.3	0.3	
10	17.6	26.5	21.5	82.2	21.265	18.5	0.0	0.0	0.0	
11	17.4	28.0	20.7	78.1	19.052	16.7	0.0	0.0	0.0	
12	15.5	28.9	21.9	75.3	19.404	17.0	0.0	0.0	0.0	
13	16.5	29.5	22.5	76.3	20.461	17.9	0.0	0.0	0.0	
14	16.5	30.0	22.5	77.1	20.674	18.0	4.0	0.2	4.2	
15	15.5	30.0	22.6	71.0	18.900	16.5	0.0	0.0	0.0	
16	17.0	29.5	22.7	77.7	21.091	18.3	0.0	0.0	0.0	
17	17.5	26.5	21.5	80.3	20.472	17.8	3.2	0.0	3.2	
18	17.0	28.0	21.6	76.1	19.297	16.9	0.0	0.0	0.0	
19	16.0	28.3	23.0	75.0	20.487	17.8	0.0	0.1	0.1	
20	16.4	27.6	22.4	74.6	19.877	17.4	0.0	0.0	0.0	
21	16.4	27.6	21.2	77.3	19.319	16.9	0.0	0.0	0.0	
22	16.5	29.5	21.8	71.1	17.907	15.7	0.0	0.0	0.0	
23	15.5	28.5	21.4	70.0	17.161	15.1	0.0	0.0	0.0	
24	17.0	30.0	22.1	72.7	18.806	16.5	0.0	0.0	0.0	
25	18.5	28.5	21.9	72.8	18.793	16.5	0.0	0.0	0.0	
26	16.9	29.5	21.8	76.7	19.934	17.5	0.0	0.0	0.0	
27	16.5	29.6	22.1	75.6	19.644	17.2	0.0	0.0	0.0	
28	15.5	30.0	21.9	73.1	18.549	16.6	0.0	0.0	0.0	
29	17.5	29.8	23.2	73.6	20.411	17.8	0.0	0.0	0.0	
30	16.4	30.0	23.3	69.7	19.328	16.9	0.0	0.0	0.0	
31	18.0	27.5	22.1	76.9	20.285	17.7	0.0	0.0	0.0	
PROM.	16.7	28.7	22.1	76.3	19.925	17.4	39.8	16.6	56.4	

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	17.4	29.5	22.9	73.7	20.237	17.7	0.0	0.0	0.0	
2	18.3	31.0	24.0	69.2	19.607	17.1	0.0	0.0	0.0	
3	18.6	29.5	24.5	68.8	20.560	17.9	0.0	12.1	12.1	
4	17.0	29.5	22.1	73.2	19.258	16.9	0.0	0.0	0.0	
5	16.5	31.0	23.1	72.6	20.039	17.5	0.0	0.0	0.0	
6	18.0	31.0	23.8	72.2	20.503	17.8	0.0	0.2	0.2	
7	18.5	31.0	23.6	70.1	19.836	17.3	0.9	0.1	1.0	
8	18.0	31.0	22.4	69.3	18.627	16.3	0.0	0.0	0.0	
9	16.0	29.6	22.3	73.9	19.706	17.3	0.0	0.0	0.0	
10	16.5	30.0	22.1	72.1	18.920	16.6	0.0	0.0	0.0	
11	16.0	31.6	23.7	67.3	18.826	16.5	0.0	0.0	0.0	
12	18.0	29.5	23.5	71.2	20.240	17.7	0.0	8.8	8.8	
13	18.0	28.8	22.1	79.4	20.998	18.3	0.6	2.1	2.7	
14	17.4	29.8	22.8	72.5	19.534	17.1	0.0	0.0	0.0	
15	18.0	31.9	24.8	67.9	20.014	17.5	0.0	14.1	14.1	
16	17.3	30.0	24.3	74.3	21.755	18.8	0.0	30.3	30.3	
17	18.5	30.0	23.2	77.3	21.560	18.7	0.0	1.3	1.3	
18	17.5	28.0	21.6	80.0	20.498	17.9	0.0	0.0	0.0	
19	17.0	29.4	22.8	73.7	20.205	17.6	0.0	0.3	0.3	
20	18.0	30.0	23.3	70.9	19.664	17.1	0.0	0.7	0.7	
21	17.5	31.1	23.5	66.4	17.528	13.9	0.0	4.3	4.3	
22	18.0	26.3	22.2	85.0	22.739	19.6	0.0	3.7	3.7	
23	17.4	27.6	21.2	86.7	21.533	18.7	2.4	28.7	31.1	
24	16.5	27.0	21.5	78.6	19.879	17.4	5.8	27.5	33.3	
25	17.0	27.0	22.0	82.5	21.566	18.7	4.2	0.0	4.2	
26	17.0	24.5	19.8	93.3	22.129	19.1	2.3	0.0	2.3	
27	15.6	30.5	22.5	74.1	19.335	16.9	0.0	0.0	0.0	
28	17.0	30.6	24.0	71.4	20.362	17.5	0.0	0.0	0.0	
29	17.8	26.0	21.0	82.7	20.449	17.8	0.7	0.6	1.3	
30	17.5	28.0	22.7	75.3	20.712	18.0	0.0	7.5	7.5	
31	16.4	29.5	21.6	80.8	20.636	17.9	18.7	0.0	18.7	
PROM.	17.4	29.4	22.7	75.0	20.240	17.6	35.6	142.3	177.9	

ESTACION: FRANCISCO ROMERO

MUNICIPIO: SALAZAR

AÑO: 1981

ALTITUD: 1.000

LATITUD: 7-46 N.

LONGITUD: 72-48 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	25.0	20.2	86.8	20.753	18.1	44.7	8.3	53.0	
2	17.5	26.3	21.6	82.9	21.101	18.3	10.8	31.2	42.0	
3	16.5	29.5	22.0	83.7	22.114	19.1	0.1	0.7	0.8	1.8
4	18.0	26.0	21.5	91.1	23.712	20.2	0.4	0.0	0.4	1.8
5	17.6	29.5	22.1	75.4	20.832	18.1	0.0	0.0	0.0	7.6
6	18.0	28.0	22.1	79.3	20.897	18.1	0.0	0.0	0.0	5.8
7	17.0	29.0	22.5	77.3	21.102	18.4	0.0	0.0	0.0	7.7
8	16.0	29.5	23.3	77.8	21.479	18.6	0.0	3.9	3.9	7.4
9	19.0	28.4	22.3	80.9	21.614	18.7	0.0	0.0	0.0	6.9
10	17.0	30.5	23.3	72.1	20.146	17.6	0.0	2.2	2.2	7.5
11	18.0	26.5	21.4	81.6	20.933	18.2	0.1	0.9	1.0	3.3
12	16.0	29.0	21.6	82.3	21.031	18.3	76.0	38.0	114.0	4.9
13	16.4	28.8	22.0	81.1	21.177	18.3	8.3	1.5	9.8	5.5
14	18.0	28.5	22.5	81.8	22.136	19.1	0.0	0.0	0.0	0.1
15	18.0	26.0	19.5	95.4	21.761	18.8	5.9	0.0	5.9	2.1
16	16.0	27.0	21.4	79.4	20.277	17.7	0.0	1.8	1.8	4.7
17	16.0	27.0	20.8	82.1	20.117	17.6	0.0	0.0	0.0	6.1
18	17.0	30.8	23.9	77.3	22.110	19.0	0.0	0.0	0.0	8.3
19	18.5	29.0	23.0	77.7	22.120	19.1	0.0	1.0	1.0	3.5
20	18.0	29.3	22.5	80.5	21.804	18.9	0.0	0.0	0.0	5.4
21	17.5	30.0	22.4	74.6	19.930	17.4	0.0	0.0	0.0	7.2
22	16.8	30.6	22.8	77.3	20.780	18.1	0.0	0.0	0.0	7.6
23	17.3	30.5	22.3	76.8	20.646	17.9	0.3	0.0	0.3	6.9
24	18.0	28.5	22.0	74.5	19.526	17.0	0.0	0.0	0.0	5.6
25	16.8	30.3	23.4	75.3	21.009	18.3	0.0	0.0	0.0	7.0
26	17.6	29.5	23.6	74.8	21.373	18.5	0.0	0.0	0.0	6.4
27	18.6	30.0	22.7	80.5	21.840	18.9	0.4	0.0	0.4	4.6
28	18.5	25.5	20.8	93.1	23.485	20.0	1.8	0.0	1.8	1.6
29	16.0	27.6	22.3	87.7	23.454	20.0	0.5	0.0	0.5	4.6
30	17.0	31.8	24.8	75.2	22.396	19.1	0.2	0.4	0.6	9.1
PROM.	17.4	28.6	22.3	80.5	21.389	18.5	149.5	89.9	239.4	

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	30.0	22.3	76.9	20.650	18.0	0.0	0.0	0.0	8.6
2	16.4	30.5	22.7	74.9	20.427	17.8	0.0	0.0	0.0	7.5
3	17.4	32.0	24.6	72.9	21.737	18.7	0.0	0.0	0.0	5.8
4	16.0	29.5	23.4	77.4	21.938	18.9	0.2	0.0	0.2	5.1
5	17.0	29.0	22.8	77.2	20.899	18.0	0.0	0.0	0.0	2.8
6	17.6	29.0	22.3	79.2	21.450	18.6	0.6	0.1	0.7	4.3
7	16.5	30.0	23.5	76.3	21.564	18.6	0.0	0.0	0.0	6.2
8	18.0	29.6	23.3	76.4	21.821	18.9	0.0	0.0	0.0	4.5
9	18.0	28.0	21.5	84.5	22.083	19.1	35.6	0.5	35.9	0.4
10	18.4	28.5	22.5	83.1	22.555	19.4	12.1	0.8	12.9	4.4
11	18.4	28.0	22.3	83.2	22.133	19.1	1.0	51.5	52.5	3.5
12	16.4	28.3	22.3	80.4	21.233	18.4	6.5	15.5	22.0	6.1
13	17.0	28.0	22.1	85.1	22.268	19.1	0.0	30.2	30.2	5.1
14	17.3	28.0	21.7	82.4	20.972	18.2	13.2	2.8	16.0	5.2
15	18.0	27.5	21.1	89.1	22.927	19.6	13.4	6.9	20.3	3.7
16	17.6	27.5	22.7	87.8	24.254	20.6	2.3	2.8	5.1	3.5
17	18.0	27.0	22.5	83.1	22.336	19.2	0.2	0.5	0.7	3.1
18	17.5	28.6	22.3	84.3	22.884	19.6	0.0	3.6	3.6	5.2
19	18.6	29.0	22.7	83.7	23.145	19.8	22.1	0.3	22.4	3.3
20	18.0	28.5	23.0	82.0	22.808	19.6	0.1	3.4	3.5	4.9
21	17.5	27.5	21.7	83.0	21.223	18.4	0.0	22.3	22.3	3.8
22	18.0	27.0	21.3	86.7	22.142	19.1	14.3	3.1	17.4	3.7
23	17.3	27.3	21.3	83.0	20.797	18.1	0.3	11.6	11.9	3.0
24	18.3	26.0	21.6	81.3	20.987	18.3	0.0	0.0	0.0	1.6
25	16.6	28.5	22.7	80.7	21.927	18.9	0.0	0.0	0.0	5.0
26	17.5	28.0	21.5	81.4	20.812	18.1	0.0	0.0	0.0	4.0
27	17.5	28.0	21.8	80.3	20.598	17.9	0.0	5.4	5.4	2.9
28	18.0	26.0	21.0	82.9	20.545	17.9	2.4	0.0	2.4	1.2
29	17.4	25.3	21.3	89.2	22.638	19.4	0.0	7.9	7.9	1.8
30	19.5	27.5	22.6	81.7	22.115	19.0	0.0	3.1	3.1	0.7
31	18.5	27.0	21.4	84.8	21.760	18.8	7.1	0.0	7.1	0.6
PROM.	17.7	28.2	22.3	81.8	21.794	18.8	131.4	172.1	303.5	121.5

ESTACION: FRANCISCO ROMERO

MUNICIPIO: SALAZAR

AÑO: 1.981

ALTITUD: 1.000

LATITUD: 7-46 N.

LONGITUD: 72-48 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.6	28.5	23.1	83.3	23.428	20.0	0.0	0.2	0.2	3.9
2	19.5	29.0	22.0	81.4	21.536	18.7	44.5	0.0	44.5	1.6
3	17.5	28.0	21.6	86.7	22.536	19.4	4.1	10.1	14.2	3.8
4	18.2	29.0	22.6	82.5	22.715	19.5	4.6	18.6	23.2	4.4
5	17.6	28.3	22.9	81.1	22.449	19.3	0.0	0.0	0.0	7.4
6	17.5	28.6	22.9	84.5	23.626	20.1	3.9	74.8	78.7	4.5
7	18.2	29.0	21.9	83.4	21.952	19.0	21.6	5.2	26.8	4.7
8	17.3	28.0	23.1	89.6	25.016	21.0	0.0	10.1	10.1	2.1
9	18.1	27.0	22.3	85.1	23.194	19.8	3.2	36.7	39.9	3.9
10	18.0	27.1	22.3	87.3	23.701	20.2	0.0	14.1	14.1	5.3
11	19.7	27.3	22.4	87.5	23.981	20.4	0.0	50.7	50.7	4.1
12	19.1	27.0	21.3	87.4	22.715	19.5	77.4	4.7	82.1	3.6
13	19.4	28.4	21.8	89.8	23.943	20.4	1.6	7.0	8.6	1.5
14	19.4	28.0	22.2	85.1	22.860	19.6	0.0	4.6	4.6	2.7
15	18.6	27.3	22.6	86.8	23.662	20.1	0.0	0.0	0.0	4.6
16	18.3	27.3	21.4	81.5	20.432	17.7	0.0	1.4	1.6	4.2
17	17.0	27.0	21.5	76.9	19.861	17.4	0.0	18.2	18.2	7.7
18	17.0	28.4	22.9	80.7	22.219	19.2	0.0	5.1	5.1	5.8
19	17.6	27.6	22.3	80.8	21.510	18.6	13.5	0.1	13.6	2.9
20	18.4	26.1	22.2	83.7	21.982	18.9	3.8	3.8	7.6	6.7
21	17.7	29.1	21.8	81.8	21.424	18.6	1.2	0.0	1.2	4.3
22	17.0	27.3	21.0	83.9	20.977	18.2	7.7	9.3	17.0	3.5
23	17.1	27.5	22.3	81.8	21.845	18.9	0.1	0.0	0.1	4.8
24	17.0	29.8	23.2	77.2	21.382	18.5	0.0	0.1	0.1	7.1
25	19.1	29.0	22.5	72.5	19.392	16.9	0.0	0.0	0.0	6.4
26	18.0	29.0	23.6	76.0	21.418	18.4	0.0	12.7	12.7	7.3
27	16.1	29.5	23.3	79.0	22.057	18.9	0.0	4.9	4.9	1.2
28	18.5	24.5	20.8	83.9	20.905	18.2	1.4	59.6	61.0	4.6
29	17.0	26.0	22.1	82.6	21.525	18.6	3.5	11.5	15.0	2.1
30	18.0	25.5	22.0	82.8	21.556	18.6	0.0	2.8	2.8	2.9
PROM.	18.0	27.7	22.3	82.9	22.195	19.1	192.3	366.3	558.6	129.6

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	17.5	27.0	21.4	76.2	18.448	16.1	0.0	1.2	1.2	4.4
2	18.0	27.0	21.0	79.7	20.332	17.7	0.0	0.0	0.0	2.2
3	17.0	28.0	21.7	83.9	21.862	18.9	0.0	0.0	0.0	5.2
4	17.0	28.8	22.0	85.0	22.598	19.4	13.7	7.9	21.6	4.8
5	18.6	24.0	21.1	90.0	22.486	19.4	7.7	9.0	16.7	0.3
6	19.0	24.0	20.8	89.5	22.238	19.2	0.4	1.4	1.8	0.1
7	17.5	27.0	21.1	79.0	19.723	17.3	0.0	0.0	0.0	2.6
8	17.0	28.5	21.8	80.4	21.039	18.3	0.0	0.0	0.0	3.8
9	16.0	28.0	21.8	79.5	20.478	17.8	0.0	0.0	0.0	3.4
10	17.0	27.3	21.2	77.9	19.388	17.0	11.9	12.1	24.0	6.9
11	18.0	28.0	22.6	79.0	21.676	18.8	1.8	98.5	100.3	4.7
12	16.0	27.0	21.4	86.9	21.908	18.9	2.7	0.3	3.0	4.1
13	17.0	28.0	22.0	83.3	21.787	18.8	4.8	0.0	4.8	4.1
14	17.5	27.0	21.7	83.1	21.380	18.5	0.0	0.0	0.0	3.7
15	17.5	27.0	21.7	80.4	20.889	18.2	0.0	0.0	0.0	5.6
16	15.0	28.5	21.4	73.8	18.254	16.0	0.0	0.0	0.0	7.7
17	15.6	28.0	22.2	74.6	19.390	16.7	0.0	7.2	7.2	7.0
18	18.0	27.0	21.1	81.7	20.340	17.5	0.0	0.3	0.3	4.1
19	18.0	27.0	22.0	81.8	21.247	18.4	0.0	12.1	12.1	4.1
20	17.6	27.0	21.8	78.9	20.167	17.5	0.0	0.0	0.0	2.1
21	18.0	26.0	22.1	81.6	21.402	18.5	0.0	0.3	0.3	2.4
22	17.5	26.0	21.5	82.3	20.915	18.2	0.0	0.0	0.0	3.7
23	17.0	27.0	21.7	83.4	21.663	18.8	0.0	0.0	0.0	5.2
24	17.0	25.8	21.2	80.6	20.057	17.5	0.0	1.1	1.1	3.5
25	17.6	26.0	22.1	81.8	21.407	18.5	0.0	0.4	0.4	0.0
26	19.6	25.0	21.9	82.0	21.582	18.7	0.0	0.0	0.0	1.8
27	18.0	27.0	22.3	80.7	21.423	18.6	0.0	0.0	0.0	4.6
28	18.0	28.0	21.8	79.2	20.754	18.1	0.0	0.0	0.0	3.2
29	17.0	28.5	22.3	76.9	20.488	17.8	0.0	0.0	0.0	4.4
30	18.5	26.0	22.0	81.6	21.394	18.5	0.0	0.4	0.4	1.0
31	18.0	26.0	21.4	84.9	21.839	18.9	0.4	0.0	0.4	2.3
PROM.	17.5	26.9	21.7	81.3	20.922	18.2	43.4	152.2	195.6	113.0

ESTACION: FRANCISCO ROMERO

MUNICIPIO SALAZAR

AÑO: 1.981

ALTITUD: 1.000

LATITUD: 7-46 N.

LONGITUD: 72-48 W.

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 llovias		
ENERO	16.8	27.5	21.7	15.0	29.9	79.3	20.181	17.5	33.2	10	92.7	
FEBRERO	17.5	27.0	21.9	15.0	31.2	79.7	20.609	17.9	191.7	15		
MARZO	17.6	28.2	22.5	15.0	31.0	79.2	21.273	18.4	92.6	9		
ABRIL	18.3	26.4	21.8	16.6	30.5	84.7	22.127	19.1	535.0	26		
MAYO	18.1	27.9	22.2	16.5	30.3	82.1	21.948	19.0	672.6	22		
JUNIO	17.5	27.2	21.8	16.5	29.5	81.5	21.216	18.4	82.2	14		
JULIO	16.7	28.7	22.1	15.5	30.0	76.3	19.925	17.4	56.4	8		
AGOSTO	17.4	29.4	22.7	15.6	31.9	75.0	20.240	17.6	177.9	19		
SEPTIEMBRE	17.4	28.6	22.3	16.0	31.8	80.5	21.389	18.5	239.4	17		
OCTUBRE	17.7	28.2	22.3	16.4	32.0	81.8	21.794	18.8	303.5	22		121.5
NOVIEMBRE	18.0	27.7	22.3	16.1	29.8	82.9	22.195	19.1	558.6	27		129.6
DICIEMBRE	17.5	26.9	21.7	15.0	28.8	81.3	20.922	18.2	195.6	16		113.0
PROMEDIO	17.5	27.8	22.1	15.8	30.6	80.4	21.152	18.3				
TOTAL	3138.7 205											

ESTACION: BLONAY
 ALTITUD: 1.235

MUNICIPIO: CHINACOTA
 LATITUD: 7-35 N.

AÑO: 1.961
 LONGITUD: 72-36 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	16.6	24.0	19.8	83.2	19.146	16.8	0.0	0.3	0.3	4.3
2	13.0	24.9	19.1	80.7	17.315	15.2	0.0	0.0	0.0	8.1
3	12.6	28.9	19.4	71.7	14.629	12.1	0.0	0.0	0.0	8.9
4	13.7	25.7	20.1	81.1	18.374	16.1	0.0	0.0	0.0	3.6
5	15.5	25.0	19.9	84.4	19.183	16.8	0.0	0.0	0.0	4.3
6	15.5	24.0	20.1	84.4	19.919	17.4	0.7	0.0	0.7	3.0
7	14.6	26.5	20.8	79.1	18.821	16.4	7.4	0.2	7.6	6.2
8	15.3	25.8	20.4	83.7	19.687	17.2	0.9	0.0	0.9	5.3
9	14.3	26.5	20.8	78.6	18.609	16.3	0.2	0.0	0.2	6.7
10	13.5	27.0	20.3	77.2	17.519	15.3	0.0	0.0	0.0	7.9
11	15.5	24.7	19.6	83.8	18.777	16.5	0.0	0.6	0.6	6.9
12	17.0	25.0	19.7	86.6	19.795	17.3	0.0	0.0	0.0	5.2
13	15.5	22.5	18.9	85.0	18.506	16.3	0.0	0.0	0.0	2.4
14	14.3	21.5	18.2	92.2	19.292	16.9	0.0	0.0	0.0	1.5
15	12.5	27.5	19.1	73.7	15.690	13.5	0.0	0.0	0.0	7.8
16	13.6	26.4	20.8	78.4	18.416	16.1	0.0	0.0	0.0	7.7
17	15.3	25.9	20.4	79.8	18.709	16.4	0.0	0.0	0.0	6.8
18	15.3	26.0	19.8	81.0	18.234	15.9	0.0	0.0	0.0	7.2
19	16.0	24.5	19.7	78.4	17.928	15.8	0.0	0.0	0.0	3.9
20	14.5	25.0	20.0	79.4	18.216	16.0	0.0	0.0	0.0	6.6
21	12.9	26.9	20.1	75.0	16.703	14.5	0.0	0.0	0.0	7.9
22	12.5	25.0	18.9	77.6	16.319	14.2	0.0	0.0	0.0	7.5
23	13.7	26.0	19.9	79.7	17.887	15.6	0.0	0.0	0.0	6.4
24	12.5	27.0	19.0	78.6	16.759	14.6	0.0	0.0	0.0	7.6
25	13.6	27.5	21.0	69.9	16.194	13.8	0.0	0.3	0.3	7.3
26	16.5	26.6	21.0	78.4	18.856	16.3	0.5	0.0	0.5	2.3
27	14.0	25.3	20.3	80.6	18.557	16.2	0.2	0.0	0.2	4.0
28	14.0	22.9	18.0	89.0	18.404	16.2	0.0	0.0	0.0	0.1
29	14.5	25.3	19.6	81.3	18.189	15.9	0.0	0.0	0.0	3.3
30	15.0	23.0	18.9	86.4	19.122	16.8	0.8	0.0	0.8	2.1
31	13.5	26.3	20.4	80.0	18.546	16.2	0.0	0.0	0.0	5.3
PROM.	14.4	25.5	19.8	80.6	18.139	15.8	10.7	1.4	12.1	168.1

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.6	28.6	22.4	72.0	18.121	15.5	0.0	0.0	0.0	6.7
2	13.5	28.5	20.3	74.2	16.885	14.6	0.0	0.0	0.0	7.8
3	13.5	26.5	20.6	73.4	17.090	14.7	0.0	0.0	0.0	7.6
4	13.0	25.0	20.0	81.3	18.288	15.9	0.0	13.9	13.9	6.2
5	14.0	25.5	19.4	79.1	17.139	14.9	0.0	0.0	0.0	5.1
6	12.5	27.0	19.8	76.7	16.745	14.5	0.0	0.0	0.0	6.0
7	14.0	26.0	20.4	80.8	18.726	16.4	0.0	0.0	0.0	5.0
8	14.5	26.5	21.2	76.4	18.341	16.1	0.0	0.0	0.0	3.9
9	16.0	27.0	21.6	76.7	19.125	16.7	0.0	0.0	0.0	4.8
10	15.0	27.5	20.0	77.9	17.732	15.5	0.0	0.0	0.0	5.3
11	14.0	27.0	20.7	76.5	17.841	15.6	0.0	0.0	0.0	7.3
12	15.5	20.5	18.3	92.4	19.476	17.1	0.0	0.4	0.4	0.0
13	14.5	23.5	17.7	87.9	18.085	15.9	0.9	0.1	1.0	1.2
14	14.6	20.6	18.2	89.7	18.699	16.4	1.6	2.0	3.6	0.1
15	16.4	23.5	19.6	84.9	19.238	16.9	0.0	0.0	0.0	2.3
16	16.5	25.0	19.4	87.5	19.753	17.3	0.1	0.0	0.1	1.6
17	17.0	26.0	20.8	83.7	20.630	18.0	0.5	0.0	0.5	4.6
18	17.0	26.5	20.8	82.6	19.961	17.4	0.1	0.3	0.4	2.2
19	15.5	24.0	19.1	88.1	19.559	17.1	0.7	0.0	0.7	0.9
20	15.6	26.6	21.0	79.9	19.463	17.0	0.0	0.3	0.3	3.3
21	15.5	25.5	20.9	87.2	21.349	18.5	2.1	4.3	6.4	4.6
22	16.5	26.0	20.7	83.7	19.982	17.4	0.0	0.0	0.0	1.8
23	17.0	23.5	19.5	90.4	20.490	17.9	0.0	3.7	3.7	0.6
24	16.0	27.5	20.6	82.1	19.732	17.3	5.7	4.0	9.7	2.8
25	17.0	24.5	19.8	96.3	22.165	19.0	11.3	4.6	15.9	3.6
26	16.0	27.5	19.6	79.8	18.126	15.9	0.0	0.1	0.1	4.2
27	16.5	28.0	22.2	78.8	20.496	17.9	0.0	0.0	0.0	5.9
28	17.0	28.8	22.3	76.8	20.376	17.8	0.0	0.0	0.0	6.2
PROM	15.3	25.8	20.2	82.0	19.058	16.6	23.0	33.7	56.7	111.6

ESTACION: BLONAY

MUNICIPIO: CHINACOTA

AÑO: 1981

ALTITUD: 1.235

LATITUD: 7-35 N.

LONGITUD: 72-36 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	26.4	21.8	81.2	20.984	18.2	0.1	0.0	0.1	3.2
2	18.5	23.5	19.9	93.6	21.772	18.8	0.8	0.0	0.8	0.1
3	15.0	29.5	21.2	78.2	18.987	16.5	0.0	0.0	0.0	8.6
4	15.4	30.0	22.6	68.3	17.812	15.3	0.0	0.0	0.0	6.5
5	16.6	27.5	22.8	76.7	20.700	18.0	0.0	0.0	0.0	3.8
6	15.5	27.0	20.9	83.8	20.928	18.2	2.0	13.3	15.3	1.9
7	17.0	27.5	21.6	83.3	21.310	18.5	0.7	1.3	2.0	5.2
8	15.5	26.0	21.4	88.2	22.221	19.2	0.6	0.0	0.6	5.6
9	16.5	25.5	20.7	88.5	21.661	18.7	18.3	0.0	18.3	2.7
10	16.0	25.0	20.3	88.4	21.136	18.4	1.6	0.7	2.3	1.7
11	15.5	21.5	18.7	95.6	20.688	18.0	0.0	0.0	0.0	0.5
12	14.0	27.5	21.0	78.4	18.667	16.3	0.0	1.0	1.0	7.3
13	13.5	28.0	21.3	69.7	16.519	14.4	0.0	4.5	4.5	5.7
14	17.0	26.8	21.6	83.3	21.391	18.5	0.0	0.0	0.0	2.0
15	17.0	24.0	21.1	83.7	21.123	18.3	0.0	0.2	0.2	1.3
16	15.0	26.0	20.5	84.5	20.267	17.7	0.0	0.3	0.3	4.0
17	15.5	27.4	20.7	77.3	18.504	16.2	0.0	0.0	0.0	6.3
18	13.0	28.0	20.5	72.9	16.444	14.2	0.0	0.0	0.0	8.3
19	13.6	27.5	20.6	79.2	18.617	16.3	0.0	0.0	0.0	7.7
20	15.0	26.9	20.3	80.7	18.904	16.5	0.0	0.0	0.0	4.4
21	15.0	26.6	20.8	75.3	18.256	16.0	0.0	0.0	0.0	4.7
22	14.0	26.5	20.3	85.0	20.041	17.5	0.0	0.0	0.0	4.8
23	16.5	28.0	21.3	77.8	19.187	16.8	0.0	0.0	0.0	6.4
24	14.6	27.5	19.9	80.0	18.583	16.3	0.0	0.0	0.0	7.1
25	16.0	24.4	20.0	81.0	18.589	16.3	0.0	0.0	0.0	3.5
26	17.5	26.0	20.6	83.4	20.065	17.5	0.0	0.0	0.0	2.0
27	16.5	25.5	22.5	74.6	19.310	16.9	0.0	0.0	0.0	3.2
28	15.5	30.6	22.1	72.6	17.757	15.2	0.0	0.0	0.0	8.6
29	14.0	28.5	22.1	73.0	18.708	16.2	0.0	0.0	0.0	6.5
30	13.5	30.6	21.5	68.8	16.282	13.7	0.0	0.0	0.0	8.2
31	13.0	29.0	21.4	77.7	19.213	16.7	0.0	0.0	0.0	5.7
PROM.	15.4	26.9	21.0	80.2	19.504	16.9	24.1	21.3	45.4	148.4

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	28.5	20.9	70.7	17.295	15.1	0.0	0.0	0.0	5.3
2	16.0	29.5	22.8	71.0	19.338	16.9	0.0	0.8	0.8	6.6
3	16.5	25.5	20.6	85.2	20.701	18.0	0.0	23.3	23.3	1.3
4	16.6	23.3	19.6	88.6	20.584	18.0	0.0	16.0	16.0	0.2
5	14.4	26.5	19.7	92.7	21.606	18.6	0.5	0.1	0.6	0.8
6	15.3	26.0	21.0	79.6	19.473	17.1	0.0	0.0	0.0	4.5
7	17.0	21.5	18.2	95.5	20.057	17.5	1.5	7.5	9.0	0.3
8	16.6	19.0	17.1	96.9	19.108	16.8	1.2	0.0	1.2	0.0
9	15.5	20.5	17.7	95.4	19.600	17.2	0.0	1.1	1.1	0.0
10	16.8	22.5	19.4	92.9	20.896	18.2	0.4	0.0	0.4	0.1
11	17.5	21.9	19.1	97.1	21.601	18.7	0.5	0.0	0.5	0.6
12	17.0	23.0	19.2	95.3	21.460	18.6	9.7	0.0	9.7	0.1
13	15.3	24.0	19.5	95.2	21.612	18.7	9.7	0.0	9.7	1.6
14	16.8	23.5	19.6	94.4	21.789	18.9	3.9	5.5	9.4	0.0
15	16.6	24.0	20.5	89.1	21.678	18.8	0.0	9.8	9.8	0.0
16	16.5	23.5	20.0	81.3	21.684	18.8	9.7	41.4	51.1	0.0
17	16.5	26.0	20.4	81.5	19.068	16.6	4.6	0.5	5.1	1.8
18	15.5	25.4	20.6	84.6	20.539	17.9	7.5	35.5	43.0	1.2
19	17.0	24.0	20.3	92.8	22.083	19.1	6.9	3.1	10.0	0.1
20	17.5	26.0	20.3	86.2	20.596	18.0	0.0	1.1	1.1	4.5
21	15.5	26.0	20.1	93.9	22.229	19.2	14.8	11.5	26.3	3.4
22	16.5	26.0	20.6	89.4	21.895	18.9	0.1	1.9	2.0	4.3
23	16.8	23.5	19.7	92.8	21.679	18.8	1.6	16.2	17.8	0.4
24	16.6	24.0	20.0	92.5	22.025	19.0	14.7	2.7	17.4	0.3
25	17.5	26.5	20.9	83.8	20.824	18.1	0.6	0.0	0.6	2.3
26	16.5	28.5	21.4	83.1	20.858	18.1	0.0	0.0	0.0	4.9
27	17.5	25.0	19.4	94.9	21.734	18.8	5.7	0.2	5.9	1.1
28	16.5	26.9	19.7	88.3	20.483	17.9	6.1	2.1	8.2	2.5
29	17.0	26.5	20.3	86.5	20.671	18.0	9.3	0.6	9.9	2.1
30	16.4	26.0	20.6	87.4	21.432	18.6	2.2	0.9	3.1	1.9
PROM.	16.4	24.8	20.0	89.0	20.820	18.1	111.2	181.8	293.0	52.2

ESTACION: BLONAY

MUNICIPIO: CHINACOTA

AÑO: 1.981

ALTITUD: 1.235

LATITUD: 7-35 N.

LONGITUD: 72-36 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	27.0	20.7	81.7	19.690	17.2	0.0	16.5	16.5	1.9
2	15.5	27.5	20.8	84.6	20.623	18.0	13.3	18.6	32.1	4.2
3	17.0	23.0	19.3	92.1	20.836	18.1	2.9	0.0	2.9	0.4
4	16.4	26.5	20.9	84.5	21.066	18.3	0.0	0.4	0.4	3.1
5	17.4	27.6	20.6	80.8	20.177	17.6	41.1	4.3	45.4	3.1
6	16.0	26.3	20.6	86.9	21.428	18.6	2.5	2.1	4.6	4.0
7	17.5	23.5	20.2	91.9	21.867	18.9	0.9	30.4	31.3	1.1
8	16.5	27.4	21.3	84.2	21.225	18.4	14.8	71.3	86.1	4.5
9	16.6	23.6	19.9	87.3	20.400	17.8	1.2	17.8	19.0	0.5
10	14.5	26.5	18.8	94.4	20.624	17.9	6.9	19.4	26.3	4.4
11	16.8	25.0	21.0	86.4	21.505	18.7	0.0	0.0	0.0	4.1
12	17.0	24.5	19.8	93.2	21.994	19.0	57.6	0.4	58.0	1.5
13	16.5	28.0	20.5	83.0	19.811	17.3	0.0	0.0	0.0	6.6
14	15.9	27.9	21.3	83.4	21.037	18.3	1.9	0.0	1.9	4.1
15	16.6	26.5	21.0	85.0	20.597	18.2	2.0	7.1	9.1	4.8
16	17.0	27.0	21.0	81.9	20.418	17.8	0.0	0.0	0.0	5.2
17	16.5	26.9	21.3	82.3	20.714	18.0	0.0	0.0	0.0	4.3
18	16.5	25.0	19.3	87.4	20.405	17.8	3.0	0.0	3.0	0.2
19	14.5	27.5	20.6	80.0	19.341	16.9	0.0	0.0	0.0	7.6
20	15.3	30.0	21.5	83.0	21.059	18.3	0.0	0.0	0.0	8.1
21	16.5	31.3	21.8	76.4	19.025	16.6	0.0	0.0	0.0	6.9
22	16.5	29.0	22.4	80.5	21.700	18.7	5.0	1.4	6.4	6.3
23	17.0	27.0	21.1	83.5	20.948	18.2	0.0	7.9	7.9	5.8
24	16.4	25.0	21.0	88.5	22.221	19.2	0.0	0.0	0.0	2.1
25	16.0	26.0	18.6	94.0	20.395	17.8	2.4	0.0	2.4	3.3
26	15.6	27.5	20.7	85.0	20.736	18.1	0.0	0.0	0.0	3.7
27	16.6	28.0	21.3	83.4	21.081	18.3	0.0	0.0	0.0	3.0
28	16.0	27.4	20.8	86.1	21.405	18.6	1.8	0.0	1.8	2.7
29	17.0	23.5	19.6	93.2	21.873	18.9	4.4	0.0	4.4	0.0
30	15.5	25.0	19.5	89.8	20.517	17.9	13.1	7.1	20.2	1.7
31	17.0	25.5	19.7	96.3	22.617	19.4	6.7	2.8	9.5	1.7
PROM.	16.3	26.5	20.5	86.2	20.895	18.2	181.5	207.7	389.2	110.9

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	23.5	19.3	89.5	20.360	17.8	1.8	51.8	53.6	0.0
2	16.0	24.0	19.5	86.4	19.810	17.3	3.0	0.0	3.0	0.7
3	15.5	26.4	20.6	84.7	20.570	17.9	0.0	0.0	0.0	3.2
4	15.5	27.3	21.0	80.0	19.642	17.2	0.0	0.0	0.0	5.8
5	15.0	29.9	22.1	77.5	19.909	17.3	0.0	0.0	0.0	8.9
6	15.5	27.0	21.1	83.1	20.744	18.0	7.6	0.2	7.8	4.3
7	16.5	24.5	20.0	93.1	22.389	19.3	4.5	0.0	4.5	1.0
8	15.5	21.0	18.4	92.4	19.820	17.3	7.0	0.0	7.0	0.0
9	15.6	26.0	19.7	86.6	20.203	17.7	0.0	0.0	0.0	2.2
10	16.8	25.0	20.0	90.0	21.140	18.4	0.8	0.0	0.8	2.2
11	16.5	26.0	20.4	86.2	20.910	18.2	2.0	0.0	2.0	1.6
12	15.3	24.5	19.8	86.7	20.403	17.8	6.9	0.0	6.9	0.6
13	16.3	25.5	20.5	81.3	19.617	17.2	0.0	0.0	0.0	3.5
14	15.0	26.0	19.2	85.1	18.982	16.7	0.0	0.0	0.0	2.9
15	15.3	28.0	21.5	80.2	20.142	17.6	0.0	0.0	0.0	5.0
16	16.0	25.5	20.6	84.5	20.528	17.9	0.0	0.0	0.0	2.8
17	16.5	27.8	20.8	80.3	19.728	17.2	14.7	1.1	15.8	6.3
18	15.0	25.0	20.8	85.1	20.566	18.3	0.0	0.0	0.0	0.9
19	15.4	24.5	20.0	87.9	20.599	18.0	0.0	0.0	0.0	2.3
20	14.4	25.8	20.2	85.7	20.108	17.6	0.0	0.0	0.0	4.3
21	16.2	27.6	22.0	79.2	20.135	17.5	0.0	0.0	0.0	6.6
22	16.5	25.5	20.0	88.4	20.762	18.1	3.3	0.0	3.3	3.1
23	15.5	25.5	20.0	84.9	19.966	17.5	0.0	0.9	0.9	1.5
24	15.4	26.5	19.4	82.3	18.666	16.4	0.0	0.0	0.0	3.0
25	15.5	25.0	20.6	83.4	20.152	17.6	0.0	0.0	0.0	2.2
26	14.8	26.5	19.6	82.6	19.130	16.8	20.0	0.0	20.0	4.8
27	15.5	23.5	18.4	97.0	20.542	17.9	2.2	0.0	2.2	2.0
28	14.0	27.0	20.7	83.6	19.993	17.4	3.6	5.2	8.8	6.5
29	15.8	26.5	20.1	83.0	19.586	17.1	10.5	0.0	10.5	4.2
30	15.6	26.0	19.6	85.8	20.019	17.5	0.6	0.0	0.6	4.4
PROM.	15.6	25.8	20.2	85.2	20.184	17.6	88.5	59.2	147.7	96.8

ESTACION: BLONAY

MUNICIPIO: CHINACOTA

AÑO: 1.981

ALTITUD: 1.235

LATITUD: 7-35 N.

LONGITUD: 72-36 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	28.0	20.3	80.4	18.709	16.4	0.0	0.0	0.0	5.4
2	15.0	27.5	20.8	77.8	19.029	16.7	0.0	0.0	0.0	8.9
3	13.6	27.6	19.6	78.3	17.033	14.8	0.0	0.0	0.0	7.3
4	15.6	26.9	20.9	82.7	20.168	17.6	0.0	0.0	0.0	5.1
5	15.5	22.5	18.2	95.5	20.670	18.0	5.5	0.0	5.5	0.0
6	14.5	26.0	20.0	82.3	19.139	16.8	5.3	5.5	10.8	6.2
7	16.0	27.5	19.9	82.3	19.292	16.9	0.0	0.0	0.0	7.3
8	13.5	28.5	20.5	80.2	18.854	16.5	0.0	0.0	0.0	7.8
9	15.0	25.5	19.7	84.0	19.623	17.2	2.1	1.9	4.0	3.1
10	16.0	26.0	19.1	94.7	21.656	18.7	1.6	0.0	1.6	2.3
11	15.6	26.0	18.8	94.1	20.986	18.2	1.3	0.0	1.3	1.2
12	13.6	26.5	19.7	81.0	18.268	16.0	0.0	0.0	0.0	8.1
13	14.5	27.5	20.2	82.5	19.260	16.9	0.8	0.7	1.5	6.4
14	15.6	26.6	20.3	85.2	20.212	17.6	9.5	0.7	10.2	3.3
15	14.5	28.6	20.4	78.7	18.169	15.9	0.0	0.0	0.0	8.0
16	14.6	27.0	19.8	83.7	19.489	17.1	1.9	0.0	1.9	6.6
17	16.0	23.5	19.6	92.6	21.289	18.5	1.0	0.0	1.0	0.0
18	15.5	26.4	19.6	84.9	19.391	17.0	0.0	0.0	0.0	4.8
19	14.5	27.0	20.7	81.4	19.476	17.0	0.0	0.0	0.0	3.5
20	15.5	26.5	20.4	83.0	19.663	17.2	0.0	0.0	0.0	6.4
21	14.7	28.0	20.1	78.6	18.550	16.3	0.0	0.0	0.0	9.5
22	14.5	27.5	20.1	80.2	18.769	16.5	0.0	0.0	0.0	5.9
23	13.6	28.0	20.0	77.4	17.596	15.5	0.0	0.2	0.2	9.4
24	15.0	28.8	21.0	75.4	17.868	15.6	0.0	0.0	0.0	9.0
25	16.5	27.7	20.8	78.0	18.468	16.1	0.0	0.0	0.0	9.3
26	15.0	27.5	20.7	80.7	19.500	17.1	0.0	0.0	0.0	6.7
27	16.0	29.0	21.1	63.3	14.852	12.7	0.0	0.0	0.0	5.9
28	14.0	28.5	20.3	75.0	17.615	15.4	0.0	0.0	0.0	3.1
29	15.5	28.5	21.0	73.6	18.085	15.8	0.0	0.0	0.0	3.0
30	15.0	27.6	20.8	78.4	18.787	16.5	0.0	0.0	0.0	5.2
31	16.0	26.5	20.0	78.3	18.208	15.9	0.0	0.0	0.0	1.4
PROM.	15.0	27.1	20.1	81.4	18.989	16.6	29.0	9.0	38.0	171.9

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	15.5	27.5	21.1	81.5	20.300	17.7	0.0	2.5	2.5	4.8
2	16.5	29.9	21.8	77.0	19.392	16.8	0.4	0.0	0.4	4.7
3	16.5	27.5	21.5	74.9	18.748	16.3	0.0	0.0	0.0	2.3
4	15.6	29.9	20.7	74.6	17.453	15.3	0.0	0.0	0.0	6.0
5	15.5	31.0	21.9	71.0	17.720	15.4	0.0	0.0	0.0	7.7
6	14.0	30.5	22.2	72.0	18.633	16.2	0.0	0.0	0.0	6.4
7	17.0	31.0	23.1	70.4	18.669	16.2	0.0	0.0	0.0	6.5
8	16.8	28.6	21.4	73.9	18.428	16.1	0.0	0.0	0.0	5.6
9	16.0	30.5	21.8	60.8	15.364	13.3	0.0	0.0	0.0	5.6
10	16.5	28.0	19.3	82.8	18.778	16.4	0.2	0.0	0.2	4.6
11	14.5	31.1	21.2	68.9	16.655	14.6	2.9	0.0	2.9	7.3
12	16.6	26.8	21.3	80.8	19.850	17.3	0.0	8.9	8.9	3.3
13	17.0	27.4	20.4	81.1	19.139	16.7	15.6	4.5	20.1	6.0
14	16.5	28.0	21.3	77.0	19.064	16.7	0.0	0.0	0.0	6.1
15	16.7	28.5	21.7	75.2	19.039	16.6	5.2	0.0	5.2	7.6
16	16.2	29.0	22.8	77.2	20.805	18.1	0.0	0.0	0.0	6.6
17	18.5	28.8	22.5	77.6	20.499	17.7	0.0	0.0	0.0	5.2
18	15.6	25.5	20.2	83.0	19.937	17.2	0.0	0.0	0.0	1.5
19	15.4	28.0	20.8	79.0	18.743	16.4	0.0	0.3	0.3	6.9
20	16.8	29.8	21.6	71.6	17.667	15.5	0.0	0.0	0.0	7.9
21	16.8	27.4	20.8	80.5	19.293	16.8	0.8	11.3	12.1	4.8
22	16.3	25.5	19.9	82.6	18.989	16.7	0.0	0.0	0.0	0.8
23	17.3	25.9	19.5	86.5	19.685	17.2	28.8	0.0	28.8	2.1
24	16.6	27.5	20.4	80.8	19.144	16.7	9.8	18.3	28.1	4.8
25	16.5	25.0	20.1	90.8	21.540	18.7	1.8	0.0	1.8	1.9
26	16.3	22.0	18.1	94.7	20.059	17.5	8.4	0.0	8.4	0.4
27	14.5	27.0	19.9	75.2	16.884	14.7	0.0	0.0	0.0	7.7
28	14.5	28.5	21.4	72.0	17.632	15.4	0.5	0.0	0.5	4.8
29	15.6	26.9	19.9	76.0	17.416	15.3	5.2	1.6	6.8	1.8
30	17.5	26.5	20.4	85.2	20.561	17.9	0.3	5.7	6.0	1.8
31	16.7	26.9	20.3	80.3	19.013	16.7	0.0	35.5	35.5	3.8
PROM.	16.2	27.9	20.9	77.9	18.874	16.5	79.9	88.6	168.5	147.3

ESTACION: BLONAY

MUNICIPIO: CHINACOTA

AÑO: 1981

ALTITUD: 1.235

LATITUD: 7-35 N.

LONGITUD: 72-36 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	17.0	22.5	19.4	90.0	20.458	17.9	33.4	14.4	47.8	0.0
2	16.6	23.5	20.0	84.2	19.569	17.1	2.0	37.2	39.2	2.2
3	16.5	26.8	20.5	82.4	19.437	17.0	10.0	12.7	22.7	4.5
4	16.4	22.3	17.9	95.6	20.200	17.6	3.6	0.0	3.6	0.4
5	17.5	27.5	21.2	74.8	18.368	16.1	0.0	3.3	3.3	6.6
6	17.5	25.5	20.0	84.9	19.788	17.3	0.0	0.0	0.0	4.9
7	16.0	26.5	19.3	82.7	18.466	16.2	2.6	0.0	2.6	6.4
8	14.5	27.5	20.3	88.8	20.972	18.2	1.0	3.9	4.9	4.3
9	15.6	26.5	20.6	84.9	20.321	17.7	0.0	0.0	0.0	5.4
10	14.5	27.0	19.8	82.8	18.526	16.1	15.8	1.3	17.1	6.4
11	16.5	25.5	19.7	88.5	20.527	17.9	9.5	0.2	9.7	3.1
12	15.0	26.5	20.6	84.2	20.072	17.5	6.5	6.4	12.9	5.5
13	14.6	27.5	20.0	85.0	19.930	17.4	3.1	0.0	3.1	5.8
14	17.4	26.5	20.5	83.9	20.191	17.6	0.0	0.0	0.0	4.9
15	16.5	24.9	17.9	95.8	19.968	17.4	18.9	0.0	18.9	2.0
16	15.0	26.8	19.6	88.8	20.169	17.6	0.0	1.9	1.9	3.9
17	15.3	26.6	15.8	83.6	19.217	16.9	1.6	0.0	1.6	8.6
18	16.5	29.6	22.3	80.0	20.636	17.8	0.1	1.1	1.2	7.4
19	17.0	26.8	21.5	85.0	21.747	18.8	0.0	4.6	4.6	4.1
20	16.5	27.5	21.7	83.6	21.517	18.6	0.0	0.0	0.0	7.1
21	16.5	29.5	20.8	81.0	20.039	17.5	0.0	0.0	0.0	6.9
22	14.4	29.0	21.2	81.6	20.098	17.6	0.0	0.0	0.0	8.4
23	14.5	27.6	20.2	82.1	19.723	17.3	1.1	0.1	1.2	6.5
24	15.5	27.3	19.7	82.6	18.704	16.4	0.0	0.0	0.0	6.7
25	15.0	27.6	20.2	84.9	19.733	17.2	0.4	0.0	0.4	7.0
26	15.5	28.0	21.6	82.5	21.169	18.4	0.0	0.0	0.0	7.4
27	16.5	28.5	20.8	86.3	21.419	18.6	0.0	0.0	0.0	4.3
28	17.3	23.5	19.5	92.5	21.498	18.6	2.7	0.0	2.7	1.3
29	15.5	25.0	20.1	88.5	20.766	18.1	0.0	0.6	0.6	3.1
30	15.0	30.5	22.3	73.9	18.680	16.1	0.0	0.8	0.8	7.9
PROM.	15.9	26.7	20.3	84.8	20.064	17.5	112.3	88.5	200.8	153.0

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	17.3	27.5	20.4	84.4	20.714	18.0	0.9	0.0	0.9	5.8
2	14.5	28.0	20.6	81.0	19.345	16.9	0.0	0.0	0.0	6.4
3	15.0	29.5	21.3	77.5	18.629	16.2	10.5	0.0	10.5	7.1
4	15.5	27.0	21.7	78.0	19.958	17.4	0.0	0.2	0.2	3.0
5	16.0	26.5	20.6	86.5	20.613	17.9	0.0	0.0	0.0	3.3
6	15.5	27.0	20.3	84.2	19.640	17.2	0.0	0.0	0.0	5.6
7	16.5	29.0	21.0	80.4	19.809	17.3	0.0	0.0	0.0	8.0
8	15.5	27.5	20.9	83.6	20.716	18.0	0.5	0.0	0.5	3.1
9	16.4	25.5	20.3	91.2	21.900	18.9	5.0	0.7	5.7	1.5
10	17.0	26.0	18.7	89.8	19.546	17.1	2.6	0.0	2.6	4.4
11	17.5	26.0	20.8	90.1	22.096	19.0	0.6	5.3	5.9	4.4
12	14.0	27.5	20.8	82.9	19.917	17.3	0.6	41.1	41.7	7.7
13	16.0	26.5	20.6	94.8	22.776	19.5	0.6	43.1	43.7	6.0
14	15.0	27.8	19.9	83.0	18.894	16.5	42.2	3.8	46.0	5.8
15	16.5	26.0	19.3	96.9	22.287	19.2	29.6	11.1	40.7	2.6
16	16.3	25.0	20.2	91.6	21.878	18.9	2.9	3.2	6.1	1.8
17	16.5	27.0	20.4	81.8	19.873	17.4	0.0	0.0	0.0	3.8
18	16.6	27.5	21.5	83.6	21.187	18.4	0.0	0.4	0.4	6.1
19	16.8	28.0	21.3	85.0	21.511	18.7	2.1	0.0	2.1	5.4
20	17.5	26.5	20.9	82.1	20.259	17.7	10.8	3.8	14.6	3.6
21	16.5	26.5	19.9	85.0	19.639	17.2	0.0	33.7	33.7	4.9
22	17.0	25.5	20.5	87.2	21.308	18.5	5.8	2.4	8.2	4.0
23	15.0	25.0	19.5	85.5	19.304	16.9	0.0	6.9	6.9	3.1
24	16.6	25.5	20.9	85.7	21.054	18.3	0.0	0.0	0.0	3.1
25	15.5	26.5	21.2	81.5	20.596	17.9	0.0	0.0	0.0	4.2
26	16.0	28.5	20.4	79.4	18.628	16.3	0.0	0.0	0.0	5.9
27	16.5	27.5	20.9	81.3	20.295	17.7	0.0	13.3	13.3	4.0
28	16.5	24.0	19.2	89.0	19.893	17.4	1.2	0.0	1.2	1.6
29	16.0	24.0	19.7	93.3	21.334	18.5	19.0	23.4	42.4	1.8
30	17.8	26.0	21.2	86.2	21.482	18.6	0.0	9.7	9.7	1.4
31	17.0	25.5	20.4	92.0	22.220	19.2	9.5	0.0	9.5	1.5
PROM.	16.2	26.6	20.5	85.6	20.558	17.9	144.4	202.1	346.5	130.9

ESTACION: BLONAY

MUNICIPIO: CHINACOTA

AÑO: 1961

ALTITUD: 1.235

LATITUD: 7-35 N.

LONGITUD: 72-36 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	27.5	22.0	84.0	21.879	18.9	0.6	0.4	1.0	4.7
2	18.5	27.0	21.1	86.0	21.636	18.7	0.3	0.0	0.3	4.2
3	16.4	27.5	21.2	85.7	21.240	18.4	8.0	9.2	17.2	5.9
4	17.0	28.0	22.1	83.0	21.639	18.7	0.0	0.0	0.0	6.4
5	16.0	27.4	21.3	85.0	21.466	18.6	0.0	0.0	0.0	4.5
6	16.3	29.0	21.1	87.4	22.152	19.1	0.0	0.0	0.0	5.0
7	16.6	28.0	20.5	84.3	20.191	17.6	40.2	2.4	42.6	4.8
8	16.6	25.2	21.0	91.7	22.787	19.5	0.8	0.0	0.8	3.8
9	15.6	25.0	20.8	90.4	22.435	19.3	6.8	10.8	17.6	3.8
10	16.5	26.0	21.4	86.2	21.858	18.9	0.0	9.6	9.6	4.4
11	17.5	25.6	20.5	91.7	22.499	19.3	0.0	40.2	40.2	4.3
12	17.0	24.5	20.1	92.0	22.029	19.0	77.2	32.3	109.5	3.1
13	16.5	23.5	20.4	91.1	22.088	19.1	1.4	6.5	7.9	0.2
14	17.0	26.6	21.3	80.9	20.400	17.7	0.0	0.0	0.0	4.5
15	16.0	27.5	21.4	84.2	21.143	18.3	0.0	0.0	0.0	4.7
16	16.8	26.6	19.9	82.9	19.530	17.1	0.0	0.0	0.0	2.3
17	15.0	27.0	20.9	82.5	20.048	17.5	0.0	0.0	0.0	6.4
18	15.6	25.5	20.8	90.8	22.171	19.0	0.0	0.0	0.0	3.9
19	15.6	25.6	20.8	89.5	21.847	18.8	1.2	0.0	1.2	4.1
20	15.6	27.6	20.5	88.4	21.210	18.4	1.2	0.0	1.2	5.1
21	15.6	26.0	18.1	92.6	19.390	17.0	9.8	3.0	9.8	3.7
22	16.8	27.0	20.2	95.1	23.020	19.6	1.4	0.0	1.4	2.0
23	16.9	27.5	21.2	81.7	20.311	17.7	0.0	0.0	0.0	5.5
24	14.5	28.0	20.6	80.8	19.291	16.9	0.0	0.0	0.0	8.7
25	16.0	28.5	21.2	80.1	19.744	17.2	0.0	0.0	0.0	8.1
26	15.0	28.0	21.6	79.3	19.669	17.1	0.0	0.0	0.0	8.8
27	15.5	24.5	19.2	93.3	20.718	18.0	0.0	0.0	0.0	4.0
28	14.5	26.6	19.5	93.0	21.568	18.6	16.4	0.0	16.4	4.3
29	16.6	24.5	20.3	95.1	23.153	19.8	77.6	0.5	78.5	2.5
30	16.0	23.0	19.3	95.5	21.492	18.6	2.2	0.0	2.2	2.7
PROM.	16.2	26.5	20.7	87.5	21.287	18.4	245.1	112.3	357.4	136.4

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	15.5	25.0	19.5	91.6	20.834	18.1	0.0	0.0	0.0	2.9
2	15.6	25.5	19.6	86.5	20.057	17.6	2.4	0.0	2.4	2.4
3	15.3	26.5	20.4	86.8	21.347	18.5	0.0	0.0	0.0	5.4
4	15.4	27.5	21.4	87.6	22.302	19.2	1.1	2.5	3.6	5.2
5	16.0	24.0	18.4	92.3	19.746	17.3	0.9	0.0	0.9	1.5
6	18.5	23.0	20.5	93.2	22.597	19.5	0.0	0.0	0.0	0.2
7	15.6	26.5	20.1	85.0	19.678	17.2	0.0	0.0	0.0	5.4
8	17.0	25.6	20.1	86.5	20.646	18.0	0.0	0.0	0.0	2.9
9	14.5	26.6	20.3	86.2	20.319	17.7	0.0	0.0	0.0	3.1
10	16.6	27.9	21.0	85.0	20.810	18.1	4.3	0.1	4.4	3.6
11	16.5	26.0	21.0	86.2	21.308	18.5	0.0	0.6	0.6	5.7
12	16.5	26.5	20.5	91.8	22.099	19.0	0.5	0.0	0.5	4.5
13	16.0	27.6	20.8	85.7	20.922	18.2	0.0	0.0	0.0	7.3
14	16.6	25.4	20.0	88.4	20.610	17.9	0.0	0.0	0.0	3.1
15	15.5	27.5	20.7	84.0	20.487	17.9	0.0	0.0	0.0	7.7
16	13.6	27.6	19.6	79.5	17.456	15.3	0.0	0.0	0.0	8.6
17	13.5	27.5	20.5	79.9	18.569	16.2	0.0	0.0	0.0	8.3
18	14.0	27.0	20.7	82.8	20.023	17.5	0.0	0.0	0.0	5.2
19	15.5	26.9	19.7	83.4	19.140	16.8	0.0	0.0	0.0	7.5
20	14.5	26.6	21.2	80.0	19.443	17.2	0.0	0.0	0.0	5.0
21	17.0	25.5	20.7	84.5	20.495	17.9	0.0	0.0	0.0	2.4
22	15.5	25.0	20.1	88.5	20.682	18.0	0.0	0.0	0.0	3.1
23	15.0	26.0	20.3	86.2	20.508	17.9	0.0	0.0	0.0	5.8
24	14.4	25.5	19.4	84.4	18.606	16.3	0.5	1.6	2.1	3.9
25	17.5	24.6	20.8	83.3	20.152	17.6	0.0	0.0	0.0	2.5
26	16.0	26.5	20.2	85.5	20.032	17.5	0.0	0.0	0.0	3.2
27	16.5	27.5	20.5	83.9	20.262	17.7	0.0	0.0	0.0	3.1
28	17.0	26.5	20.0	80.0	18.860	16.6	0.0	0.0	0.0	4.0
29	15.5	27.5	20.0	80.3	18.847	16.6	0.0	0.0	0.0	4.1
30	15.6	24.5	20.3	88.8	21.276	18.5	0.0	1.8	1.8	0.2
31	16.8	26.4	19.9	88.5	20.775	18.1	8.1	0.0	8.1	3.0
PROM.	15.8	26.2	20.3	85.7	20.294	17.7	17.8	6.6	24.4	131.1

ESTACION: **BLONAY**MUNICIPIO **CHINACOTA**AÑO: **1.981**ALTITUD: **1.235**LATITUD: **7-35 N.**LONGITUD: **72-36 W.**

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	14.4	25.5	19.8	12.5	28.9	80.6	18.139	15.8	12.1	10	168.1	
FEBRERO	15.3	25.8	20.2	12.5	28.8	82.0	19.058	16.6	56.7	14	111.6	
MARZO	15.4	26.9	21.0	13.0	30.6	80.2	19.504	16.9	45.4	11	148.4	
ABRIL	16.4	24.8	20.0	14.0	29.5	89.0	20.820	18.1	293.0	27	52.2	
MAYO	16.3	26.5	20.5	14.5	31.3	86.2	20.895	18.2	389.2	21	110.9	
JUNIO	15.6	25.8	20.2	14.0	29.9	85.2	20.184	17.6	147.7	16	96.8	
JULIO	15.0	27.1	20.1	13.5	29.0	81.4	18.989	16.6	38.0	10	171.9	
AGOSTO	16.2	27.9	20.9	14.0	31.1	77.9	18.874	16.5	168.5	17	147.3	
SEPTIEMBRE	15.9	26.7	20.3	14.4	30.5	84.8	20.064	17.5	200.8	21	153.0	
OCTUBRE	16.2	26.6	20.5	14.0	29.5	85.6	20.558	17.9	346.5	23	130.9	
NOVIEMBRE	16.2	26.5	20.7	14.5	29.0	87.5	21.287	18.4	357.4	17	136.4	
DICIEMBRE	15.8	26.2	20.3	13.5	27.9	85.7	20.294	17.7	24.4	9	131.1	
PROMEDIO	15.7	26.4	20.4	13.7	29.7	0.5	19.889	17.3				
TOTAL										2079.7	196	1558.6

ESTACION: LA BELLA
 ALTITUD: 1.450

MUNICIPIO: CALARCA
 LATITUD: 4-31 N.

AÑO: 1.951
 LONGITUD: 75-40 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	25.0	20.6	76.9	18.602	16.4	0.0	0.0	0.0	1.4
2	16.6	26.0	20.0	76.8	17.987	15.8	1.4	0.0	1.4	0.7
3	16.6	26.6	21.3	78.7	19.707	17.2	0.0	0.0	0.0	1.2
4	15.3	27.0	21.8	76.2	19.588	17.1	0.2	0.0	0.2	2.2
5	16.0	26.3	20.3	72.8	17.074	15.0	0.0	0.0	0.0	0.9
6	15.3	24.4	20.1	79.3	18.234	15.9	0.0	0.0	0.0	0.3
7	15.6	24.4	19.8	78.2	17.583	15.4	0.8	3.6	4.4	0.8
8	16.3	23.3	20.2	77.6	18.074	15.9	0.0	0.0	0.0	0.4
9	15.3	23.3	19.8	82.0	18.488	16.2	0.0	0.0	0.0	0.2
10	15.0	26.0	20.0	74.9	17.154	15.1	0.0	0.0	0.0	5.7
11	15.3	24.0	20.4	82.4	19.626	17.2	0.0	0.0	0.0	0.3
12	16.0	27.0	19.9	78.6	18.212	16.0	7.7	0.0	7.7	4.2
13	17.3	27.0	19.7	82.4	18.970	16.7	14.9	0.0	14.9	7.1
14	14.6	25.3	20.1	75.4	17.641	15.5	0.0	0.0	0.0	6.2
15	14.6	26.5	20.0	79.3	18.296	16.0	0.0	0.0	0.0	5.3
16	14.5	25.5	20.2	77.5	17.690	15.5	0.0	0.0	0.0	5.9
17	13.6	27.0	20.4	74.1	17.357	15.2	0.0	0.0	0.0	6.9
18	15.6	27.1	21.0	70.9	17.247	15.1	0.0	0.0	0.0	6.6
19	15.0	27.0	20.8	74.2	18.053	15.9	0.0	0.0	0.0	8.1
20	14.6	27.5	20.9	74.5	17.816	15.6	0.0	0.0	0.0	8.2
21	14.6	26.3	20.9	73.9	17.612	15.5	0.0	0.0	0.0	7.9
22	16.0	25.3	20.4	74.1	17.325	15.2	0.0	0.0	0.0	7.1
23	14.6	26.0	20.9	72.0	17.069	14.9	0.0	0.0	0.0	2.6
24	14.6	26.0	19.8	71.8	16.079	14.1	0.0	0.0	0.0	9.9
25	13.6	26.0	19.9	73.3	16.373	14.3	0.0	0.0	0.0	8.9
26	14.0	27.0	19.9	72.4	16.384	14.4	0.0	0.0	0.0	7.6
27	14.0	26.0	20.1	73.3	16.718	14.7	0.0	0.0	0.0	7.4
28	16.0	26.3	20.7	76.5	18.316	16.1	0.0	22.0	22.0	5.4
29	15.8	24.0	20.3	79.9	18.768	16.5	0.0	0.0	0.0	3.7
30	15.0	26.5	20.1	75.5	17.552	15.5	0.0	0.0	0.0	5.1
31	16.0	26.0	21.0	77.7	18.815	16.5	5.6	0.0	5.6	2.1
PROM.	15.3	25.9	20.4	76.2	17.884	15.7	30.6	25.6	56.2	140.3

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.0	19.5	80.7	18.178	16.0	0.3	0.0	0.3	3.8
2	14.6	26.5	21.0	71.3	16.941	14.9	0.0	0.0	0.0	7.4
3	15.6	25.0	19.0	83.2	18.192	16.0	2.2	0.3	2.5	1.4
4	15.6	25.0	19.9	78.9	17.991	15.8	0.0	0.4	0.4	3.2
5	15.8	25.3	19.0	81.7	17.985	15.8	0.7	0.2	0.9	2.4
6	14.6	26.0	20.3	73.5	16.843	14.8	0.0	0.0	0.0	6.5
7	15.0	26.0	20.3	74.8	17.329	15.2	0.0	0.0	0.0	4.5
8	16.0	25.3	20.2	79.1	18.492	16.2	1.3	0.0	1.3	4.4
9	16.0	26.0	22.5	80.2	21.119	18.1	13.7	0.2	13.9	4.4
10	15.3	27.0	20.2	78.3	18.233	16.0	0.0	0.0	0.0	5.0
11	15.3	27.0	20.7	73.7	17.504	15.4	0.6	3.5	4.1	5.0
12	16.0	22.0	18.9	87.7	18.816	16.5	0.0	0.0	0.0	0.0
13	16.0	26.0	20.3	76.6	17.946	15.8	0.0	28.8	28.8	2.7
14	16.6	25.0	20.1	78.2	18.228	16.0	2.7	0.0	2.7	3.8
15	16.6	26.3	21.1	74.6	18.361	16.1	0.2	0.0	0.2	1.4
16	16.8	27.0	21.0	77.7	19.119	16.8	0.1	0.3	0.4	5.7
17	15.0	26.0	20.7	77.0	18.274	16.0	0.0	0.0	0.0	2.8
18	16.5	27.0	20.4	80.7	19.288	16.9	5.6	1.5	7.1	4.4
19	17.0	25.0	19.3	83.2	18.905	16.6	51.5	0.8	52.3	3.2
20	14.0	23.0	18.4	83.4	17.389	15.3	4.4	0.0	4.4	0.9
21	14.6	25.6	20.5	76.1	17.957	15.8	0.0	0.3	0.3	4.6
22	16.3	26.2	21.4	75.7	18.722	16.4	0.0	0.0	0.0	5.0
23	17.0	24.0	20.4	89.5	21.362	18.6	1.4	1.3	2.7	1.0
24	17.0	25.5	21.3	79.1	19.413	17.0	0.0	0.0	0.0	3.2
25	17.5	24.0	20.6	84.6	20.169	17.6	1.4	0.0	1.4	2.0
26	16.3	28.8	22.3	74.4	19.361	17.0	0.0	0.0	0.0	8.8
27	17.3	26.5	21.6	75.1	18.826	16.5	0.0	0.0	0.0	6.3
28	16.3	28.0	22.7	72.8	19.514	17.1	0.0	0.0	0.0	8.4
PROM.	16.0	25.7	20.5	78.6	18.588	16.3	86.1	37.0	123.1	107.2

ESTACION: LA BELLA

MUNICIPIO: CALARCA

AÑO: 1.961

ALTITUD: 1.450

LATITUD: 4-31 N.

LONGITUD: 75-40 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	29.0	22.5	74.3	19.840	17.3	0.0	0.0	0.0	7.6
2	17.3	27.0	20.8	80.7	19.822	17.3	19.3	1.9	21.2	0.0
3	15.0	27.0	21.0	71.0	16.957	14.9	0.0	0.0	0.0	5.8
4	16.0	27.0	21.6	79.4	19.934	17.4	0.0	0.0	0.0	5.8
5	16.5	26.0	19.8	80.4	18.810	16.5	20.2	43.4	63.6	2.1
6	16.0	24.0	19.8	79.6	17.998	15.8	0.5	0.0	0.5	0.9
7	16.8	25.4	19.4	82.3	18.596	16.3	0.4	5.0	5.4	0.0
8	17.0	22.6	19.1	89.2	19.799	17.3	10.8	0.0	10.8	0.0
9	16.6	25.4	19.3	81.9	18.263	16.1	18.9	24.7	43.6	1.7
10	17.6	24.4	19.0	88.2	19.318	16.9	9.9	0.0	9.9	1.1
11	17.6	24.5	20.5	79.5	18.872	16.6	0.0	0.0	0.0	1.7
12	16.5	25.5	20.5	80.9	19.486	17.1	0.0	0.0	0.0	2.1
13	15.6	25.0	20.5	77.2	18.312	16.1	0.0	0.0	0.0	2.1
14	17.0	24.0	19.0	79.6	17.587	15.4	0.0	0.8	0.8	0.4
15	14.7	22.0	17.7	79.1	15.906	13.9	0.9	0.0	0.9	7.3
16	16.0	26.0	20.9	77.7	18.917	16.6	0.0	0.0	0.0	3.5
17	15.0	26.0	18.8	82.3	18.441	16.2	68.9	0.7	69.6	4.5
18	14.8	25.5	20.3	77.8	18.079	15.8	0.0	0.0	0.0	3.3
19	17.0	26.6	21.8	75.5	19.244	16.8	0.0	0.2	0.2	6.7
20	18.0	27.0	21.8	77.2	19.626	17.2	0.0	1.5	1.5	5.9
21	16.5	26.5	20.6	78.7	18.743	16.4	0.0	8.8	8.8	5.1
22	16.8	24.3	20.3	78.7	18.370	16.1	0.0	9.9	9.9	2.9
23	16.6	26.0	20.6	76.9	18.453	16.2	0.0	0.4	0.4	6.8
24	16.8	25.6	20.5	76.9	18.156	16.0	0.0	0.0	0.0	4.8
25	16.0	26.0	21.6	75.7	18.563	16.5	0.0	27.0	27.0	5.4
26	16.5	25.0	19.4	80.5	18.172	16.0	2.7	0.0	2.7	1.9
27	14.8	26.0	21.0	79.5	19.320	16.9	0.0	0.0	0.0	5.5
28	15.4	26.2	20.3	79.8	18.936	16.6	2.9	0.0	2.9	2.2
29	16.6	24.0	19.5	82.4	18.585	16.4	0.1	0.2	0.3	2.6
30	15.0	26.0	21.5	79.3	20.032	17.5	0.0	0.0	0.0	4.7
31	15.0	27.0	20.3	81.8	19.023	16.7	0.0	0.0	0.0	6.9
PROM.	16.3	25.6	20.3	79.5	18.728	16.4	156.3	136.6	292.9	111.3

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1							0.0	0.0	0.0	4.3
2							1.2	0.0	1.2	1.8
3							0.5	0.5	1.0	1.8
4							11.8	29.4	41.2	4.6
5							15.2	1.0	16.2	0.1
6	16.0	25.3	20.3	84.2	19.636	17.2	2.7	0.0	2.7	4.4
7	17.2	25.3	20.8	85.8	20.833	18.1	2.5	4.4	6.9	1.9
8	18.0	26.0	20.6	87.2	20.955	18.2	2.2	2.6	4.8	2.6
9	17.0	25.5	20.7	85.9	20.508	17.9	1.0	0.0	1.0	0.0
10	16.6	26.8	21.8	80.2	20.524	17.9	0.0	0.0	0.0	4.9
11	16.8	26.0	21.7	84.3	21.845	18.9	0.0	0.0	0.0	1.5
12	18.0	23.0	19.7	93.3	21.717	18.8	0.2	0.0	0.2	0.0
13	16.3	25.3	21.6	82.4	20.764	18.0	0.0	1.5	1.5	1.9
14	17.2	25.3	19.4	88.1	20.140	17.6	10.3	0.9	11.2	2.3
15	16.6	26.0	20.8	84.5	20.336	17.7	9.6	17.4	27.0	5.1
16	17.3	24.0	19.8	87.5	19.970	17.5	34.4	0.0	34.4	1.0
17	16.2	25.6	19.9	81.9	19.132	16.8	0.0	8.4	8.4	3.0
18	17.0	25.0	20.0	87.6	20.202	17.6	0.1	57.1	57.2	1.6
19	17.0	20.0	17.8	96.4	19.602	17.2	4.8	0.0	4.8	0.1
20	16.0	26.0	20.6	81.4	19.262	16.9	0.0	0.0	0.0	5.9
21	15.6	27.0	21.8	77.7	19.904	17.4	0.0	30.2	30.2	8.6
22	16.5	24.5	20.0	86.8	20.123	17.6	8.1	0.7	8.8	0.2
23	15.0	27.0	20.2	83.6	19.670	17.2	15.9	7.7	23.6	6.1
24	16.5	24.5	20.4	85.5	20.370	17.8	0.1	0.0	0.1	1.6
25	16.3	27.4	19.2	80.9	18.604	16.3	0.0	0.0	0.0	6.4
26	17.0	26.0	21.2	82.9	20.996	18.3	0.0	0.0	0.0	2.1
27	17.3	20.3	17.9	97.6	20.054	17.5	58.6	2.3	60.9	0.0
28	16.3	25.0	20.3	87.2	20.353	17.7	0.3	6.6	6.9	1.4
29	17.4	26.5	20.1	86.7	20.553	17.9	2.0	2.7	4.7	0.0
30	17.3	24.4	20.4	81.3	19.340	17.0	0.0	23.8	23.8	0.0
PROM.							181.5	197.2	378.7	75.2

ESTACION: LA BELLA

MUNICIPIO: CALARCA

AÑO: 1.921

ALTITUD: 1.450

LATITUD: 4-31 N.

LONGITUD: 75-40 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	25.0	20.2	79.6	18.480	16.2	0.4	0.0	0.4	0.0
2	17.3	26.0	20.2	81.6	19.071	16.7	3.0	49.7	52.7	1.0
3	16.3	25.6	21.1	84.5	20.550	17.9	0.0	7.2	7.2	0.0
4	17.5	23.0	20.4	90.1	21.534	18.7	1.7	31.2	32.9	0.0
5	16.5	24.3	19.7	87.5	19.975	17.5	0.4	20.9	21.3	1.3
6	16.6	23.3	19.0	91.6	19.815	17.3	1.4	0.4	1.8	0.7
7	16.5	26.0	20.9	79.2	19.160	16.8	0.2	13.5	13.7	3.6
8	15.4	20.4	17.4	92.0	18.045	15.9	0.7	0.2	0.9	1.3
9	15.3	24.0	19.7	82.3	18.570	16.2	0.0	0.0	0.0	0.0
10	16.0	25.3	18.6	82.5	17.927	15.8	42.2	15.6	57.8	2.3
11	16.0	25.4	19.6	89.0	20.134	17.6	1.6	0.0	1.6	3.0
12	16.6	26.3	20.9	75.6	17.924	15.3	0.0	0.0	0.0	6.1
13	16.5	25.6	21.7	78.9	19.822	17.3	0.0	7.5	7.5	0.0
14	17.3	25.3	20.4	90.8	21.023	18.2	3.8	0.0	3.8	2.3
15	16.3	24.4	21.1	87.2	21.582	18.7	6.2	0.0	6.2	1.8
16	17.6	23.3	19.2	88.0	19.530	17.1	0.3	16.3	16.6	0.7
17	16.0	24.0	19.5	87.7	19.780	17.3	1.1	0.6	1.7	3.7
18	17.0	23.3	20.3	88.3	20.720	18.1	0.0	0.0	0.0	0.3
19	16.5	25.5	21.7	82.2	20.965	18.2	0.0	0.0	0.0	3.6
20	16.3	28.5	22.9	81.6	22.219	19.1	0.0	0.0	0.0	9.8
21	17.6	27.5	21.8	85.3	22.145	19.1	0.0	0.5	0.5	0.0
22	19.0	27.4	21.5	84.0	21.725	18.8	0.0	0.1	0.1	5.5
23	18.0	24.3	19.8	90.9	21.174	18.4	6.6	0.0	6.6	0.8
24	16.6	23.2	20.1	88.0	20.530	17.9	0.2	21.6	21.8	5.5
25	17.0	27.5	20.2	87.7	20.804	18.1	0.7	3.6	4.3	0.1
26	17.4	24.5	20.7	88.3	21.304	18.5	1.3	0.6	1.9	3.4
27	17.6	24.0	20.8	87.7	21.439	18.6	0.1	0.1	0.2	0.8
28	17.6	24.3	19.8	84.2	19.266	16.9	2.4	0.0	2.4	3.4
29	16.6	25.5	19.9	87.7	20.401	17.8	0.0	12.9	12.9	0.8
30	17.3	23.0	19.4	94.8	21.116	18.3	5.2	30.0	35.2	2.1
31	16.5	24.0	20.4	85.9	20.191	17.6	0.0	43.0	43.0	0.4
PROM.	16.8	24.8	20.3	86.0	20.223	17.6	79.5	275.5	355.0	64.3

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	25.4	20.0	85.3	19.862	17.4	2.0	20.0	22.0	0.1
2	16.0	26.0	21.2	79.5	19.400	17.0	0.0	0.0	0.0	6.0
3	16.6	26.5	21.1	80.9	20.202	17.7	4.5	0.0	4.5	6.3
4	14.5	26.0	21.6	79.7	20.016	17.5	0.0	0.0	0.0	4.9
5	16.0	26.3	21.5	80.0	20.275	17.8	0.0	0.0	0.0	5.3
6	16.4	26.0	20.1	82.9	19.554	17.2	0.5	2.5	3.0	4.5
7	15.8	22.3	19.1	87.0	18.990	16.7	0.0	0.6	0.6	0.7
8	16.5	23.5	20.2	87.0	20.678	18.0	1.6	53.5	55.1	0.1
9	16.5	22.4	19.3	87.9	19.633	17.2	0.0	0.0	0.0	0.1
10	15.6	25.0	20.6	84.5	20.037	17.5	0.0	0.1	0.1	3.1
11	17.5	24.5	20.8	87.6	21.189	18.4	0.0	0.6	0.6	0.6
12	16.5	24.0	20.0	85.6	19.982	17.5	0.0	0.3	0.3	0.4
13	17.8	24.8	20.3	83.5	19.672	17.2	0.0	0.5	0.5	1.4
14	16.8	24.4	21.2	82.0	20.108	17.6	0.0	0.0	0.0	1.5
15	16.0	25.0	19.4	85.0	19.364	17.0	13.8	1.7	15.5	2.2
16	16.0	22.5	18.4	92.7	19.646	17.2	1.6	4.7	6.3	1.9
17	16.2	25.0	21.1	79.9	19.327	16.9	0.0	0.0	0.0	4.6
18	16.8	22.2	18.6	93.3	20.223	17.7	7.8	0.0	7.8	0.1
19	14.6	25.0	18.9	87.5	18.816	16.5	0.6	2.5	3.1	4.4
20	17.3	25.2	20.3	86.0	20.350	17.8	0.0	0.0	0.0	2.7
21	16.6	25.0	20.8	81.1	19.626	17.1	0.0	0.0	0.0	2.9
22	15.4	25.0	19.7	83.0	18.962	16.7	0.0	0.0	0.0	3.8
23	15.5	25.3	18.7	92.2	19.807	17.3	2.5	0.0	2.5	2.0
24	16.6	23.5	20.6	84.5	20.153	17.6	0.2	0.3	0.5	0.9
25	16.5	25.0	20.6	86.7	20.649	18.0	13.8	15.7	29.5	2.2
26	15.2	24.1	20.5	84.0	19.761	17.2	0.0	0.0	0.0	3.2
27	16.4	25.0	20.5	81.3	19.294	16.8	0.0	0.0	0.0	3.3
28	17.0	24.0	20.4	82.7	19.505	17.1	0.0	0.0	0.0	2.8
29	17.0	23.0	19.0	87.0	19.247	16.9	0.0	0.0	0.0	0.3
30	15.6	22.3	18.6	86.5	18.274	16.1	0.3	1.2	1.5	1.9
PROM	16.3	24.5	20.1	84.9	19.753	17.3	49.2	104.2	153.4	74.2

ESTACION: LA BELLA
 ALTITUD: 1.450

MUNICIPIO: CALARCA
 LATITUD: 4-31 N.

AÑO: 1.961
 LONGITUD: 75-40 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	25.0	19.1	81.1	17.784	15.6	1.0	0.0	1.0	8.8
2	16.0	25.5	21.0	77.3	18.766	16.4	0.0	0.0	0.0	1.9
3	17.0	25.0	20.5	84.8	20.028	17.5	0.0	0.0	0.0	1.2
4	17.0	23.6	19.6	84.6	19.307	16.9	0.5	0.0	0.5	2.1
5	15.6	24.2	19.5	80.9	18.329	16.1	0.0	1.3	1.3	3.4
6	15.0	24.0	19.6	82.0	18.345	16.1	0.0	1.6	1.6	3.0
7	16.0	26.0	20.8	80.8	19.496	17.0	0.0	0.0	0.0	4.0
8	17.5	26.5	20.2	81.0	19.269	16.9	0.0	0.0	0.0	3.5
9	16.5	24.0	20.0	84.1	19.714	17.2	0.1	3.3	3.4	1.6
10	17.0	23.5	20.1	87.3	20.393	17.8	0.0	16.4	16.4	2.0
11	16.0	25.0	20.0	83.7	19.227	16.8	0.6	0.1	0.7	3.9
12	17.0	24.4	20.7	78.7	18.814	16.4	0.0	0.0	0.0	2.7
13	16.0	24.5	19.7	82.0	18.836	16.6	0.0	0.0	0.0	2.7
14	16.0	24.0	19.3	76.5	17.036	15.0	0.0	1.1	1.1	5.3
15	17.0	25.0	20.4	82.1	19.413	17.0	0.0	0.0	0.0	3.9
16	16.0	23.0	19.2	83.3	18.397	16.2	12.2	19.1	31.3	1.7
17	15.5	21.5	17.3	89.7	18.077	15.9	7.9	0.0	7.9	0.5
18	14.0	23.2	19.1	83.2	17.917	15.8	0.2	1.4	1.6	3.6
19	14.6	25.0	19.8	78.4	17.832	15.7	0.0	0.0	0.0	6.7
20	15.0	24.0	18.8	80.9	17.623	15.5	0.4	0.0	0.4	2.4
21	13.5	24.5	19.2	80.0	17.560	15.4	0.0	0.0	0.0	6.7
22	13.6	26.5	20.9	65.3	15.240	13.2	0.0	0.0	0.0	7.3
23	14.0	27.5	21.2	68.0	16.501	14.5	0.0	0.0	0.0	9.3
24	14.5	27.5	21.3	62.1	14.932	12.9	0.0	0.0	0.0	9.8
25	13.0	27.0	21.5	63.1	15.262	13.2	0.0	0.0	0.0	10.5
26	13.6	26.0	20.7	71.3	16.787	14.8	0.0	0.0	0.0	9.3
27	13.6	27.0	20.6	71.5	16.618	14.6	0.0	0.0	0.0	8.9
28	14.0	25.0	20.5	76.8	17.973	15.8	0.0	0.0	0.0	1.9
29	14.6	25.0	20.1	73.0	16.656	14.6	0.0	0.0	0.0	5.2
30	15.0	27.1	21.3	70.0	17.067	15.0	0.0	0.0	0.0	8.1
31	16.0	25.0	20.8	76.6	18.343	16.1	0.0	0.0	0.0	4.7
PROM.	15.3	25.0	20.1	78.1	17.985	15.8	22.9	44.3	67.2	146.6

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	28.0	21.4	71.7	17.604	15.4	0.0	0.0	0.0	0.6
2	15.6	24.0	20.4	74.3	17.296	15.2	0.0	0.0	0.0	6.9
3	16.0	25.0	20.9	78.7	19.267	16.9	0.0	0.0	0.0	2.6
4	15.0	27.0	21.1	75.4	18.155	16.0	0.0	0.0	0.0	8.9
5	16.0	27.0	22.3	72.4	18.800	16.5	0.0	0.0	0.0	8.6
6	16.6	25.6	19.8	80.1	18.624	16.4	0.0	0.7	0.7	0.2
7	16.0	23.3	18.7	81.9	17.772	15.6	17.5	0.2	17.7	3.5
8	14.0	24.3	19.7	79.0	17.199	15.1	0.0	3.1	3.1	3.7
9	17.3	24.3	20.3	77.8	18.695	16.4	0.1	0.0	0.1	1.2
10	14.6	26.8	21.6	77.0	19.449	17.0	0.0	0.0	0.0	2.3
11	16.4	24.5	20.1	83.2	19.555	17.1	0.7	4.0	4.7	0.8
12	17.0	23.5	19.8	83.2	18.922	16.6	6.3	1.6	7.9	0.0
13	17.0	24.6	19.4	83.7	18.747	16.5	0.0	0.0	0.0	0.3
14	17.0	25.0	20.8	78.1	18.909	16.6	0.0	0.0	0.0	0.0
15	14.6	25.3	20.2	75.6	17.521	15.4	0.0	0.0	0.0	5.0
16	16.0	24.6	19.7	76.4	17.667	15.5	0.3	0.6	0.9	1.3
17	17.0	23.0	19.9	83.7	19.226	16.8	9.9	0.2	10.1	0.0
18	15.6	25.0	20.5	80.9	19.075	16.7	0.0	0.0	0.0	0.4
19	16.6	26.5	21.2	78.6	19.252	16.9	0.0	0.0	0.0	2.0
20	14.4	28.0	21.3	78.9	19.407	16.9	0.0	0.0	0.0	9.1
21	15.9	25.0	20.4	84.8	20.207	17.6	32.2	12.5	44.7	2.4
22	16.3	24.0	20.5	86.8	20.470	17.8	0.0	50.6	50.6	1.2
23	16.4	24.1	19.6	82.0	18.308	16.1	5.0	0.0	5.0	2.0
24	14.5	25.0	20.2	82.1	19.087	16.7	0.0	2.0	2.0	3.4
25	16.6	23.6	19.9	83.6	19.046	16.7	0.0	0.0	0.0	1.6
26	16.6	25.6	21.8	79.6	19.591	17.4	0.0	0.1	0.1	3.7
27	17.6	26.0	22.3	73.0	18.871	16.5	0.1	0.0	0.1	2.8
28	15.1	27.5	21.8	78.9	19.888	17.3	0.0	0.0	0.0	4.6
29	17.4	24.1	19.3	86.8	19.655	17.2	7.4	0.9	8.3	2.3
30	15.4	24.0	19.8	83.6	18.967	16.7	0.0	5.5	5.5	0.0
31	15.6	23.5	19.6	88.1	19.829	17.3	6.5	33.2	39.7	0.2
PROM.	16.0	25.1	20.5	80.0	18.886	16.5	86.0	115.2	201.2	81.6

ESTACION: LA BELLA

MUNICIPIO: CALARCA

AÑO: 1.961

ALTITUD: 1.450

LATITUD: 4-31 N.

LONGITUD: 75-40 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	23.0	18.3	88.5	18.752	16.5	2.6	0.0	2.6	0.8
2	14.8	24.2	19.5	85.6	19.024	16.7	0.3	0.0	0.3	4.1
3	15.6	23.3	19.9	80.5	18.215	16.0	0.0	0.0	0.0	1.9
4	16.6	25.0	20.2	85.6	20.174	17.6	0.0	0.0	0.0	5.0
5	16.5	24.8	20.3	86.1	20.201	17.7	1.0	0.0	1.0	1.9
6	16.8	24.9	21.3	84.6	21.425	18.6	0.0	0.0	0.0	4.1
7	17.0	24.2	20.0	87.8	20.377	17.8	3.8	0.0	3.8	3.9
8	16.8	25.0	20.6	87.1	20.843	18.1	0.6	2.5	3.1	4.9
9	16.6	24.3	20.3	84.0	19.477	17.1	0.0	0.0	0.0	4.7
10	16.6	24.5	19.5	85.6	19.360	17.0	0.0	26.8	26.8	4.1
11	16.3	23.0	19.1	87.3	19.135	16.8	0.8	0.0	0.8	3.5
12	14.3	25.3	19.5	84.8	19.204	16.8	0.5	0.0	0.5	7.4
13	15.5	24.3	20.1	84.0	19.502	17.1	0.0	0.0	0.0	8.2
14	15.8	26.0	20.2	77.4	17.687	15.3	0.0	0.0	0.0	3.4
15	15.3	23.0	19.4	90.0	19.964	17.5	0.0	0.0	0.0	2.8
16	16.7	25.0	20.7	84.1	20.138	17.6	0.0	0.6	0.6	4.4
17	14.5	26.2	21.8	78.5	19.727	17.2	0.0	0.0	0.0	8.2
18	15.4	27.5	20.9	79.0	19.064	16.7	1.2	5.3	6.5	6.3
19	16.6	23.3	18.7	89.3	19.418	17.0	2.8	0.0	2.8	2.4
20	14.4	25.0	19.8	85.8	19.656	17.2	0.0	0.0	0.0	6.7
21	14.6	27.5	21.6	78.0	19.534	17.1	0.0	0.0	0.0	7.9
22	14.6	27.0	21.4	84.5	20.957	18.2	0.0	0.0	0.0	9.1
23	14.5	28.0	21.7	77.2	19.351	17.0	0.0	0.0	0.0	9.6
24	16.5	29.0	23.2	56.3	14.035	11.0	0.0	0.0	0.0	6.6
25	17.5	26.5	21.3	84.2	21.112	18.3	0.0	0.0	0.0	5.7
26	17.4	29.0	23.0	79.8	21.888	18.9	0.0	0.0	0.0	10.2
27	15.5	27.0	20.4	85.8	20.739	18.1	0.0	0.0	0.0	0.0
28	16.0	27.0	21.7	80.7	20.541	17.9	0.0	0.0	0.0	8.4
29	16.6	26.5	21.5	80.4	20.082	17.5	0.0	0.5	0.5	5.9
30	17.6	27.0	21.3	86.0	21.748	18.8	0.0	0.9	0.9	6.7
PROM.	16.0	25.5	20.6	83.0	19.711	17.2	13.6	36.6	50.2	158.8

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	18.0	24.2	20.3	85.2	20.148	17.6	2.3	0.0	2.3	1.0
2	16.4	26.0	21.6	79.5	20.191	17.6	0.0	0.0	0.0	6.4
3	16.4	24.1	20.0	86.6	20.256	17.7	0.4	0.0	0.4	1.5
4	15.0	24.0	19.9	87.7	20.451	17.9	34.4	10.4	44.8	1.8
5	15.6	26.0	20.9	83.3	19.997	17.4	0.0	0.0	0.0	4.9
6	15.5	25.6	20.8	82.6	20.246	17.7	0.7	0.0	0.7	4.6
7	17.0	26.0	21.1	81.6	20.230	17.7	0.0	5.1	5.1	6.5
8	15.6	22.0	18.9	93.8	20.355	17.7	5.3	0.2	5.5	0.5
9	16.4	24.5	20.3	86.1	20.270	17.7	0.0	2.6	2.6	2.7
10	16.7	23.3	19.4	91.5	20.662	18.0	0.6	0.0	0.6	1.5
11	16.5	23.0	19.3	91.6	20.597	17.9	9.3	0.0	9.3	2.2
12	16.2	26.0	19.6	86.3	19.740	17.3	0.0	0.0	0.0	3.2
13	15.5	25.0	19.3	84.7	19.231	16.9	17.0	2.5	19.5	4.8
14	14.5	27.0	20.3	79.3	18.540	16.3	0.0	0.0	0.0	7.5
15	16.5	24.0	19.2	91.6	20.303	17.7	0.5	0.0	0.5	0.9
16	16.4	26.0	20.8	86.8	20.941	18.2	0.0	0.0	0.0	3.6
17	16.2	25.6	20.5	87.3	21.152	18.4	0.0	14.9	14.9	0.9
18	18.2	25.2	21.0	84.4	21.229	18.4	0.0	0.6	0.6	1.7
19	17.3	25.8	21.1	80.1	19.549	17.1	0.0	0.0	0.0	6.0
20	16.5	27.0	22.3	76.3	19.973	17.5	0.0	0.0	0.0	7.9
21	16.6	26.5	20.9	80.7	20.102	17.6	0.7	0.0	0.7	6.2
22	17.1	23.0	18.9	89.9	19.940	17.4	19.3	0.3	19.6	0.8
23	15.1	22.8	19.2	88.5	19.558	17.2	0.2	17.9	18.1	1.5
24	16.7	22.4	19.2	90.2	19.853	17.4	0.0	0.0	0.0	0.4
25	16.1	24.4	19.6	82.7	19.006	16.7	0.9	0.0	0.9	3.7
26	15.3	24.0	18.3	95.3	19.931	17.4	60.3	0.8	61.1	1.5
27	15.5	23.0	18.9	92.7	20.265	17.7	1.7	11.4	13.1	1.4
28	16.6	22.8	19.8	86.1	19.719	17.2	0.2	32.0	32.2	0.4
29	16.3	25.0	20.2	85.5	20.053	17.5	0.0	87.7	87.7	4.0
30	17.0	23.3	19.4	83.3	18.524	16.3	2.6	0.0	2.6	0.5
31	16.3	24.1	18.8	89.5	19.542	17.1	25.0	5.7	30.7	1.6
PROM.	16.3	24.6	20.0	86.2	20.018	17.5	181.4	192.1	373.5	92.1

ESTACION: LA BELLA
 ALTITUD: 1.450

MUNICIPIO: CALARCA
 LATITUD: 4-31 N.

AÑO: 1.981
 LONGITUD: 75-40 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.3	22.2	18.6	91.5	19.600	17.2	0.3	0.0	0.3	0.5
2	15.5	25.5	19.9	81.8	18.705	16.4	0.0	0.0	0.0	7.1
3	17.0	26.5	21.3	83.8	20.817	18.1	0.0	0.0	0.0	7.4
4	18.3	25.0	20.9	87.2	21.323	18.5	1.0	5.7	6.7	2.7
5	17.5	24.5	20.2	85.5	20.038	17.5	0.0	0.0	0.0	4.1
6	16.5	26.5	20.8	82.1	20.068	17.5	0.0	0.8	0.8	6.4
7	17.3	24.1	20.2	88.6	21.218	18.4	7.2	24.5	31.7	2.6
8	17.0	24.3	20.5	86.6	20.793	18.1	0.3	9.8	10.1	2.3
9	16.6	25.0	20.0	83.9	19.570	17.1	0.0	0.0	0.0	7.1
10	17.0	23.4	20.2	88.4	20.804	18.1	1.4	8.0	9.4	2.3
11	17.3	26.0	20.7	83.7	20.332	17.7	0.0	32.2	32.2	4.6
12	16.5	25.4	19.8	87.4	20.217	17.7	2.5	0.8	3.3	7.1
13	16.5	25.0	20.3	87.3	20.678	18.0	0.0	33.1	33.1	3.5
14	17.4	22.0	19.6	96.2	21.787	18.8	5.1	0.0	5.1	0.3
15	15.7	25.0	19.8	88.0	20.299	17.7	8.4	35.1	43.5	1.5
16	17.0	22.2	18.9	92.6	20.243	17.7	39.5	24.0	63.5	3.6
17	17.0	25.3	21.0	85.2	20.937	18.2	0.0	2.4	2.4	5.7
18	16.8	25.0	20.2	86.1	20.533	17.9	4.8	0.8	5.6	3.6
19	16.5	25.5	20.7	82.7	20.033	17.5	3.1	17.8	20.9	4.2
20	16.5	25.0	19.1	88.5	19.854	17.4	15.9	14.5	30.4	4.2
21	17.0	23.6	19.7	89.2	20.495	17.9	3.4	7.2	10.6	2.6
22	17.2	24.8	20.0	85.6	19.927	17.4	0.7	0.0	0.7	2.7
23	16.1	25.0	20.5	84.9	20.331	17.7	0.4	0.0	0.4	3.3
24	17.4	25.0	20.3	85.5	20.076	17.5	0.0	2.5	2.5	2.3
25	17.1	23.3	19.3	90.5	20.268	17.7	4.0	0.0	4.0	0.6
26	15.5	26.0	20.3	84.8	20.050	17.5	1.2	23.7	24.9	2.5
27	16.5	22.5	19.2	91.5	20.548	17.9	20.6	0.5	21.1	0.2
28	16.1	24.1	19.5	85.7	19.089	16.7	2.3	50.6	52.9	1.0
29	15.3	22.5	19.3	87.0	18.961	16.6	4.2	4.6	8.8	0.4
30	16.5	24.5	19.8	87.5	19.913	17.4	0.0	0.0	0.0	1.2
PROM.	16.7	24.5	20.0	87.0	20.250	17.7	126.3	298.6	424.9	97.6

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	17.3	25.0	20.1	84.7	19.740	17.3	0.0	1.2	1.2	1.5
2	17.5	25.0	21.4	83.6	21.185	18.4	0.0	0.0	0.0	2.7
3	15.8	25.8	20.8	84.4	20.369	17.7	0.0	0.0	0.0	2.6
4	17.5	25.4	21.1	85.7	21.217	18.4	0.0	1.0	1.0	0.2
5	17.4	25.0	19.9	87.4	20.613	18.0	58.4	0.0	58.4	0.3
6	16.3	22.2	17.9	88.8	18.136	15.9	0.0	0.0	0.0	0.6
7	15.5	25.3	21.3	83.5	20.492	17.8	0.0	0.0	0.0	1.7
8	18.1	25.4	22.0	87.0	22.615	19.4	0.0	0.0	0.0	2.4
9	16.6	24.5	20.8	85.7	20.783	18.1	0.0	0.0	0.0	0.2
10	17.0	23.5	19.5	89.6	20.394	17.8	0.2	0.0	0.2	0.4
11	16.4	23.0	19.7	88.7	20.087	17.5	0.0	0.0	0.0	0.1
12	15.7	25.1	20.4	83.5	19.769	17.2	0.0	0.0	0.0	0.3
13	17.0	25.4	21.6	82.2	20.746	18.1	1.8	0.1	1.9	0.6
14	17.5	26.5	20.5	87.9	21.220	18.5	0.0	0.0	0.0	1.2
15	16.5	25.3	20.7	86.0	20.720	18.0	0.0	0.0	0.0	0.8
16	16.5	26.0	20.9	85.5	20.917	18.2	0.0	0.0	0.0	2.7
17	16.4	26.0	20.6	82.5	19.814	17.4	0.0	0.0	0.0	4.7
18	16.5	26.0	20.7	82.7	19.935	17.4	0.0	0.0	0.0	3.7
19	16.1	25.6	20.1	86.4	20.019	17.5	0.0	0.0	0.0	5.4
20	17.0	26.1	20.3	85.3	20.057	17.5	0.0	23.0	23.0	1.8
21	16.7	23.5	19.6	89.2	20.325	17.7	4.6	0.8	5.4	0.5
22	16.4	23.0	19.8	86.4	19.685	17.2	0.0	0.0	0.0	0.4
23	15.6	25.0	19.9	82.8	19.105	16.7	0.0	0.0	0.0	7.8
24	15.7	26.4	21.3	79.4	19.834	17.3	0.0	0.0	0.0	3.1
25	16.4	26.5	20.4	83.8	20.138	17.6	0.2	22.4	22.6	3.6
26	17.3	25.3	21.0	86.5	21.308	18.5	0.0	0.0	0.0	3.0
27	16.6	25.4	20.6	82.7	19.959	17.5	0.0	0.0	0.0	1.9
28	15.7	26.9	21.5	83.2	20.947	18.2	0.0	0.0	0.0	5.5
29	17.0	20.5	18.6	97.0	20.695	18.0	0.6	0.0	0.6	0.0
30	14.6	24.2	19.8	86.0	19.150	16.7	0.0	6.8	6.8	4.0
31	16.3	25.0	19.9	81.7	18.870	16.6	0.1	0.0	0.1	1.9
PROM.	16.5	25.0	20.4	85.5	20.285	17.7	65.9	55.3	121.2	65.6

ESTACION: LA BELLA

MUNICIPIO CALARCA

ARO: 1.981

ALTITUD: 1.450

LATITUD: 4-31 N.

LONGITUD: 75-40 W.

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	15.3	25.9	20.4	13.6	27.5	76.2	17.884	15.7	56.2	7	140.3
FEBRERO	16.0	25.7	20.5	14.0	28.8	78.6	18.588	16.3	123.1	17	107.2
MARZO	16.3	25.6	20.3	14.7	29.0	79.5	18.728	16.4	292.9	19	111.3
ABRIL									378.7	24	75.2
MAYO	16.8	24.8	20.3	15.3	28.5	86.0	20.223	17.6	355.0	26	64.3
JUNIO	16.3	24.5	20.1	14.5	26.5	84.9	19.753	17.3	153.4	17	74.2
JULIO	15.3	25.0	20.1	13.0	27.5	78.1	17.985	15.8	67.2	12	146.6
AGOSTO	16.0	25.1	20.5	14.0	28.0	80.0	18.886	16.5	201.2	17	81.6
SEPTIEMBRE	16.0	25.5	20.6	14.3	29.0	83.0	19.711	17.2	50.2	13	158.8
OCTUBRE	16.3	24.6	20.0	14.5	27.0	86.2	20.018	17.5	373.5	23	92.1
NOVIEMBRE	16.7	24.5	20.0	15.3	26.5	87.0	20.250	17.7	424.9	25	97.6
DECIEMBRE	16.5	25.0	20.4	14.6	26.9	85.5	20.285	17.7	121.2	11	65.6
PROMEDIO				14.4	27.7						
TOTAL									2597.5	211	1214.8

ESTACION: PARAGUAYCITO

MUNICIPIO: BUENAVISTA

AÑO:

1.981

ALTITUD: 1.250

LATITUD: 4-23 N.

LONGITUD: 75-44 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	28.7	19.9	80.0	17.979	15.7	1.2	0.0	1.2	5.9
2	15.0	29.4	21.3	75.6	18.399	16.1	0.0	0.0	0.0	5.7
3	15.8	29.6	22.1	71.4	17.856	15.6	0.0	0.0	0.0	8.8
4	14.5	29.6	22.0	72.3	17.954	15.8	0.0	0.0	0.0	9.2
5	15.2	29.1	22.2	68.8	17.170	14.8	0.0	0.0	0.0	7.5
6	14.5	27.0	20.9	72.9	16.937	14.8	0.0	0.0	0.0	3.6
7	16.9	28.2	21.2	80.9	20.014	17.5	0.0	0.0	0.0	4.0
8	16.6	27.6	20.8	75.2	18.023	15.9	0.0	3.3	3.3	2.6
9	15.8	26.6	20.0	79.6	18.234	16.0	0.0	0.0	0.0	3.5
10	14.0	29.3	22.1	67.0	16.740	14.6	0.0	0.0	0.0	9.5
11	14.6	26.1	20.8	77.5	18.235	16.0	0.0	0.0	0.0	0.8
12	15.0	29.8	19.8	76.4	17.306	15.2	40.4	1.1	41.5	8.1
13	15.3	29.4	20.3	79.8	18.548	16.2	1.0	0.0	1.0	6.8
14	13.4	28.5	20.8	71.5	16.312	14.2	0.0	0.0	0.0	8.9
15	13.4	29.0	21.4	68.0	15.904	13.9	0.0	0.0	0.0	8.9
16	12.8	29.0	21.6	67.1	15.963	13.9	0.0	0.0	0.0	9.7
17	14.3	29.3	23.0	65.0	16.461	14.4	0.0	0.0	0.0	8.6
18	14.4	31.0	22.7	70.3	18.255	16.0	0.0	0.0	0.0	10.0
19	15.2	30.4	23.3	61.3	16.571	14.5	0.0	0.0	0.0	9.5
20	13.6	30.4	22.5	70.5	17.954	15.6	0.0	0.0	0.0	10.0
21	16.0	30.3	22.1	65.3	16.178	14.1	0.0	0.0	0.0	8.6
22	16.7	29.8	22.5	68.2	17.701	15.5	0.0	0.0	0.0	9.1
23	17.0	29.9	22.5	65.0	17.060	15.0	0.0	0.0	0.0	9.5
24	14.4	29.2	21.9	62.6	15.009	13.0	0.0	0.0	0.0	9.9
25	13.5	29.3	21.5	67.6	16.096	14.1	0.0	0.0	0.0	9.4
26	13.7	29.4	21.8	65.6	16.156	14.1	0.0	0.0	0.0	9.5
27	13.8	29.7	21.6	65.6	15.646	13.6	0.0	0.0	0.0	8.7
28	15.6	29.7	22.3	65.5	16.444	14.3	0.0	0.0	0.0	8.0
29	16.4	28.3	21.1	74.3	18.093	15.8	0.0	0.0	0.0	5.0
30	16.5	29.6	23.3	62.9	17.011	14.9	0.0	0.0	0.0	6.7
31	16.5	28.5	21.0	79.9	19.705	17.2	13.3	0.1	13.4	3.5
PROM.	15.0	29.1	21.6	70.8	17.288	15.1	55.9	4.5	60.4	229.5

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	16.7	27.5	20.1	81.4	18.859	16.5	39.6	0.2	39.8	4.7
2	15.7	29.7	20.9	73.2	17.437	15.2	0.0	0.0	0.0	8.0
3	17.4	28.3	21.4	76.2	18.852	16.5	0.0	2.5	2.5	4.4
4	16.5	27.0	21.0	80.1	19.345	16.9	0.0	0.0	0.0	3.2
5	17.1	27.5	19.7	83.0	18.828	16.5	1.3	0.0	1.3	1.8
6	16.2	29.4	22.0	68.2	16.872	14.7	0.0	0.0	0.0	6.7
7	16.0	28.5	21.3	75.5	18.298	16.0	0.0	0.0	0.0	5.8
8	18.0	29.0	22.6	75.4	19.989	17.4	0.3	0.0	0.3	
9	16.5	28.6	20.9	79.7	19.562	17.1	4.9	0.0	4.9	
10	15.3	29.9	21.9	71.5	17.867	15.7	0.0	0.0	0.0	
11	14.7	31.0	22.4	72.9	18.470	15.9	0.2	6.4	6.6	
12	16.7	23.0	19.9	89.2	20.543	17.9	0.0	0.0	0.0	0.0
13	15.6	27.7	21.8	73.3	18.296	16.1	0.0	20.0	20.0	4.5
14	17.0	28.0	20.9	76.3	18.233	16.0	1.7	0.2	1.9	4.1
15	16.6	30.0	22.9	65.5	17.156	15.0	0.0	0.0	0.0	8.7
16	16.6	30.5	21.2	76.7	18.929	16.6	3.8	0.8	4.6	7.7
17	14.9	27.2	21.4	76.3	18.685	16.4	0.0	0.0	0.0	3.6
18	17.4	30.2	21.6	80.1	20.219	17.5	5.9	0.1	6.0	0.0
19	16.6	28.0	23.1	77.6	19.209	16.7	14.1	1.9	16.0	4.4
20	14.5	25.2	20.0	80.9	18.734	16.5	0.6	0.0	0.6	2.9
21	14.5	29.1	21.6	69.6	17.063	14.9	0.0	0.0	0.0	6.3
22	17.5	30.4	22.9	75.0	19.995	17.3	0.0	3.0	3.0	6.3
23	17.4	25.3	19.8	89.3	21.269	18.5	0.2	2.1	2.3	2.3
24	16.3	26.4	22.4	77.2	20.104	17.5	0.0	0.0	0.0	2.5
25	16.4	26.5	21.3	85.4	21.203	18.4	1.1	0.0	1.1	1.4
26	15.9	31.0	22.8	72.2	18.941	16.6	0.0	0.0	0.0	9.5
27	16.3	28.0	22.9	72.7	19.279	16.8	0.0	0.0	0.0	5.5
28	15.3	30.0	23.2	73.8	19.800	17.3	0.0	0.0	0.0	8.0
PROM	16.3	28.3	21.5	76.7	19.001	16.6	73.7	37.2	110.9	

ESTACION: PARAGUAYCITO

MUNICIPIO: BUENAVISTA AÑO:

1.981

ALTITUD: 1.250

LATITUD: 4-23 N.

LONGITUD: 75-44 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	32.3	24.8	65.0	18.530	16.2	0.0	0.0	0.0	9.8
2	17.7	32.2	21.7	80.0	20.485	17.8	17.5	14.1	31.6	6.0
3	15.6	29.7	22.4	70.1	17.849	15.7	0.0	0.0	0.0	5.0
4	16.8	31.2	23.6	73.0	21.060	18.3	0.0	0.0	0.0	8.0
5	17.6	29.0	21.0	80.4	19.574	17.1	2.2	25.8	28.0	3.8
6	16.7	27.5	21.0	79.4	19.212	16.8	0.0	1.3	1.3	3.2
7	16.2	28.4	20.6	82.0	19.326	16.8	1.0	6.4	7.4	3.6
8	17.0	26.1	20.6	91.1	22.177	19.1	9.3	25.8	35.1	1.1
9	17.1	27.7	20.3	89.0	21.359	18.5	0.8	52.9	53.7	2.7
10	16.6	26.8	21.0	85.8	20.812	18.1	0.2	0.0	0.2	2.8
11	17.3	27.5	22.0	76.1	20.001	17.4	0.0	0.0	0.0	2.9
12	16.7	29.0	21.1	78.5	19.087	16.6	11.3	0.0	11.3	5.4
13	15.6	28.2	22.3	77.8	20.519	17.9	0.0	10.9	10.9	4.5
14	17.7	27.0	21.0	80.6	19.883	17.4	0.0	36.8	36.8	1.3
15	14.7	25.4	20.8	80.6	19.084	16.6	0.2	0.0	0.2	2.8
16	16.3	30.0	22.5	70.2	18.574	16.3	0.0	0.0	0.0	7.5
17	15.5	29.0	19.7	83.5	19.735	17.3	46.0	0.0	46.0	5.6
18	14.9	27.7	21.1	75.6	18.370	16.1	0.0	0.0	0.0	1.7
19	16.6	29.9	23.3	73.0	19.732	17.1	0.0	1.6	1.6	7.2
20	17.7	30.8	21.4	78.1	19.515	16.9	8.4	0.0	8.4	8.4
21	16.3	29.7	23.0	69.8	18.653	16.3	0.0	2.1	2.1	6.9
22	17.0	28.0	22.3	69.6	17.714	15.5	0.0	1.0	1.0	7.9
23	16.6	29.6	21.0	78.4	19.028	16.6	0.0	0.0	0.0	2.8
24	16.0	28.3	22.2	72.7	18.873	16.6	0.0	0.0	0.0	7.2
25	14.1	29.0	22.4	66.9	17.124	15.0	0.0	0.0	0.0	5.5
26	17.0	28.8	20.1	74.2	17.410	15.3	0.6	0.0	0.6	2.7
27	14.5	29.5	21.7	64.2	15.534	13.5	0.0	0.0	0.0	6.8
28	14.5	30.0	20.6	73.3	16.976	14.7	10.6	0.2	10.8	7.5
29	16.8	27.3	20.1	75.8	17.244	15.0	2.2	10.9	13.1	4.1
30	13.2	28.4	21.1	74.7	17.850	15.5	7.7	0.0	7.7	6.3
31	14.0	30.1	21.1	68.3	16.353	14.2	0.0	0.0	0.0	7.0
PROM.	16.2	28.8	21.5	76.1	18.956	16.5	118.0	189.8	307.8	158.0

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	27.0	21.5	63.6	15.661	13.6	0.0	0.0	0.0	5.0
2	15.7	28.0	20.6	75.5	17.663	15.3	6.7	0.0	6.7	4.8
3	14.3	27.5	23.1	69.5	19.082	16.8	0.0	0.0	0.0	2.8
4	16.4	30.6	22.0	71.5	18.108	15.7	3.1	20.4	23.5	6.7
5	18.5	24.0	19.9	84.6	19.885	17.4	3.5	1.2	4.7	0.1
6	16.5	29.0	22.7	68.0	17.865	15.7	0.0	0.0	0.0	5.0
7	18.4	29.4	22.7	76.3	20.419	17.6	0.5	3.0	3.5	5.1
8	19.2	28.6	22.6	73.4	19.901	17.3	2.0	3.7	5.7	3.1
9	17.3	26.8	21.1	79.9	19.700	17.3	1.4	0.0	1.4	1.4
10	17.0	30.8	23.3	77.0	21.294	18.4	0.0	0.0	0.0	8.6
11	19.0	29.0	24.1	78.8	23.177	19.9	0.0	0.0	0.0	4.5
12	19.8	25.0	21.2	93.8	23.661	20.3	0.3	0.2	0.5	0.1
13	17.5	29.8	22.3	80.9	21.375	18.5	0.0	0.2	0.2	5.0
14	17.5	26.9	19.9	89.2	21.349	18.5	27.7	1.3	29.0	2.3
15	16.8	27.9	21.6	83.8	21.503	18.7	3.7	13.0	16.7	3.1
16	19.0	26.8	21.0	82.6	20.361	17.8	17.9	0.0	17.9	1.7
17	15.8	27.7	20.3	83.7	19.877	17.4	9.2	2.2	11.4	4.1
18	17.4	28.0	21.9	80.7	20.803	18.1	0.3	72.9	73.2	3.0
19	17.5	22.1	19.1	92.8	20.542	17.9	5.2	0.0	5.2	0.0
20	17.7	28.2	22.3	78.5	20.533	17.9	0.0	0.0	0.0	7.0
21	15.5	30.6	24.0	69.7	20.171	17.6	0.0	9.0	9.0	9.8
22	18.6	26.5	21.6	83.9	21.646	18.8	7.0	0.9	7.9	1.9
23	16.0	29.8	21.3	79.9	20.233	17.7	0.0	54.6	54.6	6.3
24	17.9	29.0	21.8	84.8	22.311	19.2	4.3	0.0	4.3	3.4
25	16.8	29.8	23.2	77.8	21.381	18.6	0.0	0.0	0.0	9.1
26	19.0	29.5	22.0	82.4	22.160	19.1	33.5	22.9	56.4	3.7
27	18.4	22.4	19.1	95.1	21.255	18.5	33.1	0.8	33.9	0.0
28	17.6	27.4	22.1	80.3	21.112	18.4	0.3	0.0	0.3	2.6
29	19.0	29.4	22.7	75.0	20.780	18.1	0.0	1.8	1.8	0.0
30	18.8	28.3	22.3	79.0	21.232	18.4	0.2	9.0	9.2	3.2
PROM	17.5	27.9	21.8	79.7	20.508	17.8	159.9	217.1	377.0	113.4

ESTACION: PARAGUAYCITO

MUNICIPIO: BUENAVISTA AÑO: 1.961

ALTITUD: 1.250

LATITUD: 4-23 N. LONGITUD: 75-44 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.6	27.0	21.6	79.9	20.795	18.1	0.0	0.0	0.0	4.2
2	17.6	28.7	21.9	78.7	20.384	17.8	0.3	42.0	42.3	6.2
3	17.5	28.8	22.8	74.6	20.654	18.0	0.0	0.4	0.4	6.9
4	19.3	25.6	21.5	87.4	22.627	19.5	0.1	5.0	5.1	0.0
5	17.9	25.8	21.2	86.2	22.041	19.1	0.7	8.4	9.1	1.3
6	17.6	25.4	20.7	86.3	20.843	18.2	0.7	0.0	0.7	1.4
7	18.0	28.8	22.3	73.4	19.465	17.0	0.0	8.6	8.6	5.5
8	17.0	23.5	19.2	87.2	19.193	16.9	0.7	0.2	0.9	1.3
9	16.6	27.0	20.8	77.4	18.756	16.5	0.0	0.0	0.0	1.9
10	16.0	29.3	21.1	77.3	19.327	17.0	1.1	11.0	12.1	8.3
11	16.9	28.0	21.1	83.7	20.705	18.0	0.0	0.0	0.0	3.0
12	17.6	29.4	22.6	78.4	21.316	18.5	0.3	0.0	0.3	4.8
13	16.9	29.7	22.7	78.4	21.225	18.4	0.0	43.1	43.1	6.7
14	17.8	26.7	21.0	82.9	20.370	17.8	5.2	0.0	5.2	2.2
15	16.9	28.6	22.0	81.5	21.170	18.4	0.9	6.3	7.2	3.3
16	19.2	24.8	20.9	88.9	21.931	19.0	3.2	0.0	3.2	2.0
17	16.6	26.3	20.7	84.8	20.456	17.8	15.3	1.0	16.3	3.5
18	18.6	25.4	20.9	87.2	21.969	19.0	0.0	0.0	0.0	0.2
19	17.8	29.5	23.4	78.3	22.102	19.1	0.5	0.0	0.5	6.9
20	17.9	30.4	24.2	74.1	22.217	19.2	0.0	0.0	0.0	10.4
21	17.7	29.5	23.6	78.7	22.769	19.6	0.0	0.0	0.0	5.5
22	19.2	30.3	22.0	82.4	22.369	19.3	20.2	0.0	20.2	7.6
23	19.7	27.0	21.5	87.4	22.770	19.6	1.5	10.1	11.6	1.7
24	19.3	25.3	21.4	87.0	22.231	19.2	1.3	36.1	37.4	1.7
25	17.9	28.0	21.3	84.6	21.526	18.7	0.4	4.8	5.2	2.3
26	18.6	24.2	20.6	91.9	22.163	19.1	0.7	1.0	1.7	1.1
27	18.7	28.4	21.4	81.9	20.873	18.2	0.0	0.0	0.0	3.1
28	18.2	27.9	21.0	83.4	20.852	18.2	2.2	0.4	2.6	5.7
29	17.7	28.2	21.3	82.4	20.955	18.2	1.2	36.3	37.5	2.6
30	18.0	26.2	21.8	82.8	21.315	18.5	0.8	51.5	52.3	1.8
31	17.9	27.4	21.8	82.0	21.179	18.4	0.0	2.8	2.8	3.7
PROM.	17.9	27.5	21.6	82.3	21.180	18.4	57.3	269.0	326.3	116.8

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	18.5	28.2	21.8	82.8	22.014	19.0	5.7	9.9	15.6	4.6
2	16.7	29.3	22.3	77.1	20.195	17.7	0.0	0.0	0.0	9.2
3	17.2	29.8	22.3	78.4	20.919	18.2	0.0	0.0	0.0	8.4
4	16.7	29.6	23.7	72.6	20.746	18.1	0.0	0.0	0.0	8.2
5	18.3	30.9	24.4	75.4	22.765	19.6	0.0	0.0	0.0	8.8
6	18.3	30.0	22.9	82.2	22.833	19.6	14.6	51.9	66.5	7.2
7	18.5	26.9	21.8	82.0	21.237	18.5	0.2	0.2	0.4	3.5
8	19.6	25.8	21.3	84.5	21.702	18.8	0.0	30.2	30.2	0.9
9	17.0	25.0	20.0	88.8	20.667	18.2	2.5	2.2	4.7	0.4
10	17.4	28.0	21.9	80.7	20.801	18.1	0.0	0.0	0.0	6.9
11	18.3	27.2	20.9	83.1	20.744	18.1	0.0	0.4	0.4	1.4
12	18.3	25.3	20.9	88.0	22.035	19.0	7.9	0.1	8.0	1.1
13	19.0	28.0	23.0	77.9	21.324	18.5	0.0	0.1	0.1	4.4
14	18.0	27.5	22.5	81.3	21.801	18.9	0.0	0.0	0.0	3.0
15	16.6	27.9	21.1	78.6	20.130	17.6	4.2	3.4	7.6	3.7
16	16.2	23.4	19.3	91.2	21.072	18.3	1.7	4.0	5.7	1.9
17	17.2	28.7	22.6	75.1	20.081	17.5	0.0	0.0	0.0	6.6
18	18.2	23.8	19.8	92.6	21.697	18.8	9.4	0.0	9.4	0.8
19	16.4	28.3	20.8	81.0	19.358	17.0	0.8	3.0	3.8	6.4
20	17.6	28.0	22.2	79.9	20.892	18.2	0.0	0.0	0.0	4.3
21	17.2	29.1	22.1	76.6	20.902	17.5	0.0	0.0	0.0	4.5
22	15.5	29.0	20.9	81.7	20.365	17.8	13.4	0.0	13.4	6.6
23	16.9	27.8	20.6	82.6	20.067	17.6	0.0	0.0	0.0	4.1
24	17.4	26.7	21.3	80.1	20.195	17.6	0.0	0.0	0.0	3.5
25	17.6	28.1	21.6	80.9	20.649	18.0	0.0	0.0	0.0	4.7
26	17.0	28.0	22.2	76.0	19.598	17.1	0.0	0.0	0.0	5.2
27	17.4	27.5	22.2	79.0	20.660	18.0	0.0	0.0	0.0	5.1
28	19.3	27.1	22.6	81.4	22.121	19.1	0.0	0.0	0.0	5.0
29	18.5	26.2	20.1	85.0	20.176	17.6	23.9	7.4	31.3	1.6
30	17.2	24.0	20.1	84.5	19.842	17.4	0.1	0.0	0.1	1.0
PROM.	17.6	27.5	21.6	81.4	20.896	18.2	84.4	112.8	197.2	133.0

ESTACION: PARAGUAYCITO
 ALTITUD: 1.250

MUNICIPIO: BUENAVISTA AÑO: 1.981
 LATITUD: 4-23 N. LONGITUD: 75-44 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.3	27.5	21.2	80.4	20.086	17.6	0.0	0.6	0.6	5.6
2	17.5	28.4	22.0	76.3	19.983	17.5	1.6	0.7	2.3	8.7
3	17.8	26.3	22.0	82.1	21.549	18.7	0.0	0.4	0.4	3.2
4	19.0	27.3	21.5	80.4	20.619	18.0	0.0	0.0	0.0	4.0
5	17.5	27.8	21.5	80.2	20.466	17.9	0.0	2.5	2.5	5.8
6	15.4	26.0	20.4	84.8	20.161	17.6	0.0	0.0	0.0	2.5
7	16.6	28.9	22.9	77.4	21.115	18.3	0.0	0.0	0.0	7.1
8	17.9	30.4	21.8	80.8	21.649	18.7	1.6	0.0	1.6	5.6
9	17.5	27.4	20.9	84.7	21.021	18.3	1.7	5.4	7.1	3.8
10	17.9	26.7	21.3	83.6	20.954	18.2	0.1	6.7	6.8	3.3
11	17.5	28.2	21.7	79.1	20.061	17.5	0.0	0.0	0.0	6.3
12	17.8	27.6	22.0	78.8	20.496	17.9	0.0	0.0	0.0	4.7
13	16.8	27.9	22.1	78.7	20.830	18.2	0.0	0.0	0.0	5.0
14	16.8	27.8	21.7	76.5	19.500	17.1	0.0	0.0	0.0	7.3
15	18.5	28.3	22.3	80.1	21.647	18.8	2.1	0.0	2.1	3.9
16	17.0	26.5	21.3	81.6	20.681	18.0	0.1	5.3	5.4	3.2
17	16.8	23.7	19.3	83.7	19.187	16.8	7.2	0.0	7.2	0.6
18	16.3	26.6	21.3	79.8	19.461	17.1	0.0	0.0	0.0	5.9
19	16.7	28.8	22.0	76.3	19.396	17.0	0.0	0.0	0.0	6.9
20	16.5	27.9	20.0	82.7	19.496	17.1	11.7	0.0	11.7	4.0
21	14.2	27.5	21.4	76.8	18.864	16.6	0.0	0.0	0.0	6.4
22	15.3	29.2	22.4	76.5	19.935	17.5	0.0	0.0	0.0	9.0
23	14.7	29.8	22.6	73.4	19.308	17.0	0.0	0.0	0.0	9.5
24	14.4	30.0	22.2	68.7	17.651	15.5	0.0	0.0	0.0	10.2
25	13.5	30.1	23.2	56.4	14.475	12.2	0.0	0.0	0.0	10.9
26	13.5	29.8	22.1	66.8	16.460	14.4	0.0	0.0	0.0	10.8
27	14.2	30.0	22.2	73.7	19.027	16.7	0.0	0.0	0.0	10.6
28	14.8	28.5	21.6	78.5	19.954	17.5	0.0	0.0	0.0	5.5
29	15.6	28.8	21.3	75.8	19.060	16.7	0.0	0.0	0.0	6.2
30	16.7	30.0	22.3	70.3	18.589	16.4	0.0	0.0	0.0	9.5
31	17.6	28.8	22.6	76.6	20.641	18.0	0.0	0.0	0.0	5.7
PROM.	16.4	28.1	21.7	77.5	19.753	17.3	26.1	21.6	47.7	191.7

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	17.0	31.0	23.4	74.6	20.824	18.1	0.0	0.0	0.0	7.8
2	16.5	27.5	22.5	76.7	20.421	17.8	0.0	0.0	0.0	3.1
3	17.4	30.0	22.0	78.4	20.845	18.1	0.0	0.0	0.0	4.6
4	16.3	30.3	23.8	68.8	19.210	16.9	0.0	0.0	0.0	9.1
5	17.2	31.0	23.9	69.1	19.831	17.4	0.0	0.0	0.0	10.0
6	17.5	30.2	21.4	78.7	20.092	17.5	26.0	0.0	26.0	6.1
7	16.2	27.8	20.5	84.6	20.505	17.9	10.5	0.0	10.5	3.6
8	15.0	28.0	21.8	74.7	18.508	16.2	0.0	0.0	0.0	4.8
9	19.0	27.4	22.3	77.2	20.411	17.8	0.0	0.0	0.0	3.6
10	15.6	30.5	22.4	77.1	20.490	17.8	1.3	0.0	1.3	8.5
11	17.8	29.0	22.2	76.0	20.022	17.5	0.0	0.9	0.9	4.5
12	18.0	27.4	22.0	81.4	21.116	18.4	0.0	1.9	1.9	1.4
13	18.1	27.0	21.3	81.0	20.376	17.8	0.0	0.0	0.0	5.1
14	17.9	27.3	21.6	77.5	19.927	17.4	0.0	0.0	0.0	2.1
15	15.6	28.8	22.6	73.1	18.854	16.5	0.0	0.0	0.0	8.4
16	16.7	29.4	21.1	80.2	19.899	17.4	3.6	27.0	30.6	5.7
17	17.2	27.0	19.8	85.4	20.134	17.6	14.0	3.5	17.5	1.5
18	15.5	27.0	21.1	75.5	18.791	16.5	0.0	0.0	0.0	4.7
19	16.5	29.6	23.0	64.7	17.271	14.9	0.0	0.0	0.0	8.5
20	14.7	30.6	22.8	70.2	18.527	16.3	0.0	0.0	0.0	9.3
21	16.6	26.7	20.9	79.5	19.799	17.3	10.4	2.3	12.7	2.0
22	18.0	25.9	21.8	80.9	20.726	18.1	0.0	13.0	13.0	3.6
23	17.5	26.4	20.9	78.3	19.013	16.7	9.0	0.0	9.0	3.3
24	14.7	27.4	20.7	80.2	19.440	17.1	0.0	3.1	3.1	4.0
25	17.3	26.0	19.9	86.3	20.061	17.5	0.3	0.1	0.4	2.3
26	17.5	28.5	22.9	74.9	20.243	17.7	0.0	0.0	0.0	8.3
27	18.3	29.8	21.8	79.5	20.623	18.0	0.4	0.0	0.4	7.9
28	14.9	30.9	23.5	70.3	19.559	17.1	0.0	0.0	0.0	9.9
29	17.6	26.6	20.5	81.8	19.954	17.4	6.6	0.6	7.2	6.0
30	16.6	27.4	21.9	78.0	19.976	17.5	0.0	0.0	0.0	6.8
31	16.0	26.5	20.7	82.8	20.088	17.5	1.2	15.3	16.5	3.4
PROM.	16.8	28.4	21.8	77.3	19.856	17.3	83.3	67.7	151.0	169.9

ESTACION: PARAGUAYCITO

MUNICIPIO: BUENAVISTA AÑO: 1.981

ALTITUD: 1.250

LATITUD: 4-23 N.

LONGITUD: 75-44 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	26.4	20.0	84.1	19.647	17.2	14.9	1.9	16.8	2.1
2	16.6	28.4	20.6	78.0	18.604	16.4	0.0	0.0	0.0	4.4
3	15.6	25.5	20.3	81.3	19.325	17.0	0.0	0.0	0.0	1.8
4	16.6	28.4	21.5	80.5	20.422	17.8	0.0	0.0	0.0	4.9
5	17.0	27.7	21.5	79.1	19.797	17.4	0.0	0.0	0.0	3.7
6	18.0	27.9	22.3	77.7	20.343	17.7	0.0	0.0	0.0	4.2
7	18.0	27.4	21.5	81.3	20.674	18.0	1.4	0.0	1.4	3.0
8	17.7	27.5	22.3	76.1	20.370	17.8	0.5	5.8	6.3	3.0
9	16.7	27.5	20.9	77.4	18.907	16.6	0.0	0.0	0.0	4.7
10	16.3	27.5	21.2	84.0	21.174	18.4	1.0	46.1	47.1	4.4
11	16.7	26.4	20.6	78.7	18.836	16.5	5.1	0.0	5.1	3.7
12	14.1	28.5	19.9	78.7	18.129	15.9	0.0	0.0	0.0	6.5
13	15.7	28.3	21.0	78.8	19.101	16.7	0.0	0.0	0.0	6.3
14	17.0	28.8	21.6	83.9	21.733	18.9	4.8	6.5	11.3	5.2
15	16.0	25.0	20.9	82.2	20.152	17.6	0.0	0.1	0.1	1.9
16	16.6	28.0	22.5	76.4	20.861	18.2	0.0	0.0	0.0	5.2
17	15.6	29.0	23.2	73.3	20.506	17.9	0.0	0.0	0.0	8.3
18	16.8	30.5	23.0	73.8	20.578	18.0	0.0	0.0	0.0	7.7
19	17.0	26.5	19.0	96.0	21.259	18.5	12.6	0.0	12.6	2.2
20	14.6	28.0	21.1	84.9	20.568	17.8	0.0	0.0	0.0	7.7
21	15.5	29.9	22.4	74.9	20.351	17.8	0.0	0.0	0.0	6.7
22	14.7	30.0	22.4	75.8	20.068	17.5	0.0	0.0	0.0	7.3
23	14.9	31.6	22.8	71.4	19.421	17.0	0.0	0.0	0.0	9.2
24	15.5	30.6	24.1	65.3	19.245	16.7	0.0	0.0	0.0	8.4
25	17.4	30.2	23.3	73.4	21.124	18.4	0.0	0.0	0.0	7.9
26	17.5	29.7	22.6	76.6	20.488	17.9	0.0	0.0	0.0	5.9
27	15.7	30.0	22.3	76.1	20.043	17.5	0.0	0.0	0.0	7.4
28	16.7	30.2	23.5	72.6	20.373	17.8	0.0	0.0	0.0	8.8
29	17.6	30.0	23.2	75.4	21.046	18.3	0.0	0.0	0.0	6.6
30	19.3	29.6	24.0	69.2	20.753	18.1	0.0	1.5	1.5	7.3
PROM.	16.5	28.5	21.9	77.9	20.132	17.6	40.3	61.9	102.2	166.4

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.4	27.8	22.0	79.2	20.644	18.0	1.5	0.0	1.5	2.3
2	17.5	28.5	22.8	77.0	21.266	18.5	2.6	2.2	4.8	6.8
3	17.6	27.4	20.5	84.6	20.537	17.9	32.1	0.0	32.1	3.3
4	15.5	28.5	20.8	83.9	20.556	17.9	11.7	4.1	15.8	3.9
5	17.4	29.2	22.6	75.8	20.149	17.6	0.0	0.0	0.0	7.6
6	17.4	27.8	22.2	71.7	19.839	17.3	0.0	0.8	0.8	5.0
7	17.9	28.5	21.9	80.3	21.206	18.4	0.0	0.0	0.0	6.3
8	17.1	23.8	19.1	92.5	20.589	18.0	4.6	0.0	4.6	2.0
9	17.4	27.3	21.9	78.8	20.319	17.7	0.0	4.3	4.3	5.8
10	18.2	25.4	21.0	83.1	20.542	17.9	0.2	0.9	1.1	0.5
11	17.5	27.3	20.7	80.6	19.480	17.1	0.1	0.0	0.1	3.9
12	17.6	28.8	20.6	83.9	20.445	17.8	1.9	0.0	1.9	3.7
13	16.6	28.6	19.9	82.7	19.573	17.2	7.0	2.1	9.1	4.8
14	15.7	29.9	21.8	76.8	19.514	17.1	0.0	9.9	9.9	5.1
15	17.3	25.3	20.0	88.5	21.019	18.3	3.0	0.0	3.0	0.8
16	17.3	28.8	21.5	78.9	19.802	17.3	0.0	0.0	0.0	4.4
17	17.4	28.8	22.1	75.6	19.873	17.4	0.0	5.4	5.4	2.8
18	18.5	29.3	21.3	83.1	21.318	18.5	11.7	1.6	13.3	3.3
19	18.3	28.8	23.2	77.1	21.306	18.5	0.0	0.0	0.0	6.9
20	16.8	30.8	23.5	68.7	19.597	17.2	0.0	0.0	0.0	10.4
21	16.8	29.5	22.6	72.5	19.985	17.5	0.0	0.0	0.0	7.7
22	17.6	26.5	20.5	86.1	21.077	18.3	4.7	0.0	4.7	1.4
23	15.8	27.2	19.9	81.8	20.034	17.5	0.0	14.8	14.8	3.0
24	17.5	24.9	20.7	78.8	18.238	16.0	0.4	0.0	0.4	1.1
25	16.0	28.2	20.5	81.7	19.577	17.1	8.8	0.0	8.8	5.0
26	15.6	27.2	20.0	82.9	19.341	16.9	2.9	0.3	3.2	2.1
27	14.5	25.3	19.9	84.9	19.778	17.3	2.0	0.4	2.4	2.0
28	17.4	25.2	20.6	82.6	20.002	17.5	0.0	10.5	10.5	1.2
29	17.6	29.0	22.5	77.4	20.575	18.0	0.0	9.4	9.4	7.3
30	18.6	25.5	20.6	81.8	19.885	17.4	8.3	0.0	8.3	1.0
31	17.7	27.4	20.4	83.7	20.574	17.9	9.6	8.9	18.5	2.1
PROM.	17.2	27.6	21.2	80.5	20.214	17.6	113.1	75.6	188.7	123.5

ESTACION: PARAGUAYCITO

MUNICIPIO: BUENAVISTA AÑO: 1921

ALTITUD: 1.250

LATITUD: 4-23 N. LONGITUD: 75-44 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	23.3	19.3	86.1	19.408	17.0	1.0	0.0	1.0	0.0
2	15.5	28.9	22.7	75.0	20.175	17.6	0.0	0.0	0.0	8.8
3	17.5	29.3	23.9	70.4	20.655	18.0	0.0	13.6	13.6	6.8
4	18.6	27.0	21.8	81.6	21.499	18.7	0.0	19.0	19.0	3.8
5	18.4	28.3	22.1	75.2	19.802	17.3	0.0	0.0	0.0	6.5
6	16.6	29.6	22.6	76.2	20.575	18.3	0.0	0.6	0.6	7.1
7	18.8	29.0	21.6	71.1	17.763	15.1	14.2	27.2	41.4	4.3
8	17.6	27.0	21.2	80.9	20.059	17.5	0.0	30.2	30.2	2.5
9	17.6	28.6	22.2	74.7	19.978	17.4	0.0	0.0	0.0	9.1
10	17.7	28.2	21.1	81.3	20.439	17.8	11.7	23.5	35.2	4.2
11	18.6	29.9	22.1	78.0	20.575	17.9	0.0	34.2	34.2	7.7
12	17.7	28.8	20.6	81.0	19.589	17.2	4.0	2.9	6.9	6.7
13	17.7	28.4	21.9	80.8	21.173	18.4	0.0	7.2	7.2	5.4
14	18.8	24.3	19.6	90.8	20.999	18.3	2.4	0.0	2.4	0.2
15	15.9	28.8	21.0	83.1	20.536	17.9	1.1	0.0	1.1	5.6
16	17.6	27.2	20.8	84.9	20.936	18.2	7.6	25.5	33.1	3.2
17	17.6	28.8	22.1	77.8	20.419	17.9	0.0	0.0	0.0	6.3
18	18.3	28.6	21.4	83.0	21.361	18.5	7.3	6.7	14.0	3.8
19	18.0	28.0	21.6	80.3	20.651	18.0	0.0	42.6	42.6	5.1
20	17.6	27.8	21.4	79.6	20.256	17.7	0.0	44.7	44.7	5.7
21	17.3	27.5	20.7	81.1	19.654	17.2	3.6	2.0	5.6	3.3
22	16.0	28.8	21.7	79.1	20.034	17.5	0.0	1.0	1.0	3.8
23	17.7	27.8	21.3	81.4	20.913	18.2	0.7	1.1	1.8	5.0
24	18.5	27.8	21.5	83.1	21.219	18.4	0.6	25.3	25.9	3.4
25	17.8	27.6	20.5	86.3	20.756	18.1	1.3	0.0	1.3	1.5
26	16.6	28.8	22.1	78.3	20.528	17.9	0.0	1.8	1.8	7.4
27	18.6	25.8	21.0	85.5	21.449	18.6	3.9	0.0	3.9	1.0
28	16.5	27.0	20.2	83.5	19.841	17.4	9.6	30.6	40.2	2.2
29	17.4	26.4	20.6	80.0	19.144	16.8	8.7	14.7	23.4	3.1
30	17.7	26.8	21.3	82.0	20.407	17.6	0.4	0.0	0.4	4.1
PROM.	17.7	27.8	21.4	80.4	20.373	17.8	78.1	354.4	432.5	137.6

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	17.8	28.8	21.8	82.5	21.245	18.4	2.5	2.3	4.8	3.9
2	18.6	28.3	22.0	79.2	20.937	18.2	0.0	0.0	0.0	7.0
3	17.3	27.2	21.6	80.2	20.639	18.0	0.0	0.0	0.0	3.8
4	17.8	29.4	21.2	82.3	20.650	18.0	11.5	0.2	11.7	5.3
5	18.4	28.8	21.4	84.0	21.340	18.5	27.5	55.9	83.4	4.1
6	17.4	24.8	19.1	92.0	20.282	17.7	0.1	0.0	0.1	1.4
7	16.3	28.3	22.0	79.7	20.860	18.2	0.0	0.1	0.1	7.5
8	18.7	28.8	22.8	82.4	22.685	19.5	0.2	0.0	0.2	4.8
9	17.6	27.2	22.3	78.8	20.984	18.3	0.1	0.4	0.5	3.5
10	17.8	25.5	20.9	89.5	22.473	19.3	13.4	0.0	13.4	0.0
11	17.3	25.0	20.5	83.8	20.114	17.6	0.3	0.0	0.3	1.0
12	16.8	28.2	21.5	80.9	20.279	17.7	0.0	0.0	0.0	4.8
13	17.4	28.3	22.3	76.9	20.182	17.6	0.5	0.7	1.2	5.3
14	18.3	28.8	22.5	76.0	21.277	18.4	1.0	0.4	1.4	5.4
15	18.7	28.8	22.8	81.2	22.297	19.2	0.0	0.2	0.2	6.5
16	18.0	29.4	22.9	76.2	20.721	18.0	0.0	0.0	0.0	7.6
17	17.0	29.9	22.1	79.1	20.631	17.9	0.0	0.8	0.8	7.8
18	17.4	29.3	21.7	82.0	21.235	18.5	0.0	0.0	0.0	6.9
19	16.6	28.6	21.3	80.0	19.936	17.4	0.0	0.0	0.0	6.1
20	18.5	27.0	21.2	83.4	20.903	18.2	1.7	15.6	17.3	2.2
21	18.4	26.5	21.5	80.0	20.690	18.3	0.1	8.6	8.7	0.0
22	17.5	25.2	21.0	85.0	21.095	18.3	0.0	0.0	0.0	0.9
23	15.5	28.8	22.3	80.4	21.156	18.4	0.0	0.0	0.0	5.4
24	17.0	29.6	23.0	80.2	21.846	18.9	0.0	4.9	4.9	6.4
25	17.7	28.8	21.2	83.5	21.224	18.4	9.3	3.7	13.0	3.4
26	18.5	28.7	23.0	78.0	21.419	18.6	0.0	0.0	0.0	4.9
27	17.5	29.0	22.5	79.6	21.090	18.3	0.0	0.0	0.0	2.6
28	17.6	28.9	21.8	78.8	20.287	17.7	0.0	0.0	0.0	5.4
29	17.2	21.0	19.1	97.0	21.398	18.5	0.8	0.0	0.8	5.0
30	15.3	27.2	20.7	79.3	18.823	16.5	0.0	20.7	20.7	5.2
31	16.4	27.2	21.1	81.8	20.066	17.5	0.0	0.0	0.0	4.2
PROM.	17.5	27.8	21.6	81.7	20.938	18.2	69.8	113.7	183.5	135.3

ESTACION: PARAGUAYCITO

MUNICIPIO BUENAVISTA

AÑO: 1.981

ALTITUD: 1.250

LATITUD: 4-23 N.

LONGITUD: 75-44 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tension vapor mb.	Punto roció °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias lluvias	
ENERO	15.0	29.1	21.6	12.8	31.0	70.8	17.288	15.1	60.4	5	229.5
FEBRERO	16.3	28.3	21.5	14.5	31.0	76.7	19.001	16.6	110.9	15	
MARZO	16.2	28.8	21.5	13.2	32.3	76.1	18.956	16.5	307.8	20	158.0
ABRIL	17.5	27.9	21.8	14.3	30.8	79.7	20.508	17.8	377.0	23	113.4
MAYO	17.9	27.5	21.6	16.0	30.4	82.3	21.180	18.4	326.3	24	116.8
JUNIO	17.6	27.5	21.6	15.5	30.9	81.4	20.896	18.2	197.2	15	133.0
JULIO	16.4	28.1	21.7	13.5	30.4	77.5	19.753	17.3	47.7	11	191.7
AGOSTO	16.8	28.4	21.8	14.7	31.0	77.3	19.856	17.3	151.0	15	169.9
SEPTIEMBRE	16.5	28.5	21.9	14.1	31.6	77.9	20.132	17.6	102.2	9	166.4
OCTUBRE	17.2	27.6	21.2	14.5	30.8	80.5	20.214	17.6	188.7	25	123.5
NOVIEMBRE	17.7	27.8	21.4	15.5	29.9	80.4	20.373	17.8	432.5	26	137.6
DICIEMBRE	17.5	27.8	21.6	15.3	29.9	81.7	20.938	18.2	183.5	19	135.3
PROMEDIO	16.9	28.1	21.6	14.5	30.8	78.5	19.925	17.4			
TOTAL									2485.2	207	

ESTACION: INGENIO SAN FRANCISCO

MUNICIPIO: LA VIRGINIA AÑO: 1.981

1.981

ALTITUD: 1.000

LATITUD: 4-54 N.

LONGITUD: 75-54 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.7	32.0	23.1	73.3	20.586	17.9	2.9	0.0	2.9	7.9
2	16.3	33.0	24.8	64.2	20.234	17.7	0.4	0.0	0.4	9.9
3	16.0	33.0	24.5	65.8	19.679	17.2	0.0	0.0	0.0	9.3
4	16.6	32.7	25.1	70.0	21.266	18.4	0.0	0.0	0.0	9.7
5	17.8	32.0	24.4	76.7	22.891	19.6	0.0	0.0	0.0	7.7
6	17.1	31.2	24.1	74.7	21.891	18.8	0.0	0.0	0.0	8.1
7	18.0	31.2	22.6	81.3	22.582	19.4	1.4	11.3	12.7	8.0
8	17.8	30.0	23.4	79.0	22.896	19.7	0.0	0.6	0.6	7.0
9	19.2	29.5	22.9	79.4	23.195	19.8	0.0	0.0	0.0	2.7
10	18.8	32.0	24.8	67.0	22.005	19.0	0.0	0.0	0.0	8.9
11	18.5	30.2	22.6	73.7	21.024	18.3	0.0	0.0	0.0	4.7
12	18.6	31.8	23.4	79.1	22.473	19.3	0.0	0.0	0.0	8.9
13	18.5	32.0	24.6	70.6	21.074	18.3	0.0	0.0	0.0	9.4
14	14.4	31.8	23.1	72.8	19.912	17.2	0.0	0.0	0.0	10.0
15	16.0	31.3	23.9	72.6	20.508	17.9	0.0	0.0	0.0	9.8
16	16.8	32.0	23.7	71.4	19.579	17.2	0.0	0.0	0.0	8.7
17	16.3	32.5	24.2	71.6	20.582	18.0	0.0	0.0	0.0	8.9
18	17.1	33.4	24.8	68.9	20.119	17.6	0.0	0.0	0.0	10.1
19	16.0	33.3	24.5	67.8	19.253	16.8	0.0	0.0	0.0	10.2
20	18.0	33.0	25.0	68.2	20.589	17.9	0.0	0.0	0.0	9.2
21	17.8	33.0	24.9	68.0	20.641	18.0	0.0	0.0	0.0	9.3
22	17.9	32.2	24.9	68.4	20.763	18.1	0.0	0.0	0.0	8.5
23	18.8	32.0	24.8	72.4	21.737	18.7	0.0	0.0	0.0	8.5
24	16.8	32.5	24.5	68.1	20.019	17.5	0.0	0.0	0.0	8.7
25	16.0	30.5	24.4	71.2	20.294	17.6	0.0	0.0	0.0	8.6
26	15.5	33.7	25.4	67.6	20.901	18.1	0.0	0.0	0.0	7.5
27	17.2	33.6	24.8	71.4	21.183	18.3	0.0	0.0	0.0	9.2
28	17.0	32.4	25.0	66.8	20.500	17.9	0.0	0.0	0.0	6.4
29	17.2	30.0	24.2	73.9	21.705	18.8	0.0	0.0	0.0	3.6
30	16.8	32.5	24.8	69.7	20.692	18.0	0.0	3.6	3.6	8.3
31	18.5	30.8	23.7	79.9	23.362	20.0	1.7	0.0	1.7	3.9
PROM.	17.3	32.0	24.2	71.8	21.101	18.3	6.4	15.5	21.9	251.6

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	17.7	31.5	23.7	73.3	22.205	19.2	0.0	0.0	0.0	6.1
2	16.7	30.5	23.4	71.9	20.102	17.6	0.0	0.0	0.0	6.1
3	16.5	31.5	23.0	77.1	21.515	18.7	0.9	0.0	0.9	6.7
4	18.0	32.3	22.7	62.0	17.464	14.4	23.6	0.8	24.4	4.9
5	18.8	30.5	23.3	72.5	20.623	17.8	0.0	0.0	0.0	3.9
6	18.5	31.6	24.1	74.1	21.478	18.6	0.0	0.0	0.0	7.6
7	19.0	32.6	25.3	72.1	22.291	19.2	0.0	0.0	0.0	6.1
8	19.1	32.8	24.9	73.6	22.437	19.3	0.0	0.0	0.0	7.3
9	19.5	32.0	24.8	74.4	22.606	19.5	0.0	0.0	0.0	6.0
10	17.0	32.8	25.2	67.4	20.182	17.6	0.0	0.0	0.0	7.4
11	18.3	33.6	25.5	72.6	23.159	19.8	0.0	4.2	4.2	6.7
12	19.0	27.0	22.9	81.0	22.384	19.3	0.0	0.5	0.5	1.7
13	19.3	31.0	24.4	73.3	21.636	18.7	0.2	0.1	0.3	5.0
14	19.5	31.5	24.2	71.5	21.147	18.4	0.8	0.0	0.8	5.4
15	19.1	33.3	24.9	70.5	21.623	18.7	0.0	0.0	0.0	8.2
16	19.0	32.8	25.1	69.2	21.195	18.4	0.0	7.0	7.0	6.3
17	18.5	30.6	24.7	75.5	22.709	19.5	0.2	0.5	0.7	5.8
18	19.5	32.0	25.4	71.8	22.650	19.5	0.0	0.0	0.0	4.5
19	20.3	29.8	23.3	81.0	23.178	19.9	0.7	0.8	1.5	3.6
20	18.8	32.0	23.2	71.7	19.935	17.4	0.0	0.0	0.0	5.6
21	17.6	32.3	24.0	67.1	19.002	16.6	0.0	0.0	0.0	6.6
22	19.0	32.2	24.4	71.4	21.138	18.3	0.0	3.4	3.4	6.7
23	17.5	30.0	23.0	82.3	23.276	19.9	4.6	0.0	4.6	2.1
24	18.5	32.3	24.6	69.0	20.784	17.9	0.0	0.0	0.0	9.1
25	18.2	31.7	24.2	78.1	23.143	19.6	0.2	0.0	0.2	4.3
26	19.6	32.9	25.0	76.2	23.698	20.2	0.0	0.0	0.0	9.5
27	20.0	34.9	25.8	76.8	24.497	20.6	1.2	0.0	1.2	8.7
28	21.3	33.9	25.0	68.9	21.686	18.8	0.0	0.1	0.1	8.4
PROM	18.7	31.9	24.3	73.1	21.705	18.7	32.4	17.4	49.8	170.3

ESTACION: INGENIO SAN FRANCISCO

MUNICIPIO: LA VIRGINIA AÑO:

1.981

ALTITUD: 1.000

LATITUD: 4-54 N.

LONGITUD: 75-54 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	20.6	35.3	25.1	72.2	22.528	19.4	0.0	0.0	0.0	8.5
2	21.2	33.4	24.4	78.8	24.163	20.5	2.9	0.0	2.9	4.8
3	18.7	32.5	25.5	72.4	22.627	19.4	0.0	0.0	0.0	8.4
4	17.5	32.5	26.1	64.8	20.341	17.7	0.0	0.0	0.0	8.8
5	18.0	32.0	22.5	78.2	21.510	18.7	14.0	22.5	36.5	6.0
6	18.0	29.7	22.3	77.7	20.631	18.0	0.0	0.0	0.0	3.8
7	18.5	31.0	22.8	80.2	22.308	19.3	0.0	11.8	11.8	3.1
8	17.8	28.0	22.1	83.8	22.410	19.3	0.0	0.0	0.0	2.5
9	17.6	29.7	21.6	83.7	21.868	18.9	23.5	13.3	36.8	4.4
10	19.4	26.5	22.9	85.3	23.617	20.2	0.0	0.8	0.8	0.0
11	18.6	29.8	24.7	76.8	23.075	19.8	0.0	31.9	31.9	3.4
12	20.0	30.5	23.5	83.4	23.872	20.3	0.5	0.0	0.5	2.9
13	18.0	31.6	23.8	78.0	22.503	19.3	1.5	0.0	1.5	4.8
14	19.0	29.0	22.1	83.9	22.309	19.2	0.4	0.9	1.3	3.5
15	19.0	29.3	22.7	83.1	22.896	19.6	0.1	0.6	0.7	5.0
16	18.0	32.4	24.7	72.7	21.501	18.6	0.0	0.0	0.0	8.1
17	18.0	31.0	22.1	81.3	22.003	19.0	5.4	5.0	10.4	3.0
18	18.5	31.4	23.9	77.6	22.326	19.2	0.0	0.0	0.0	5.0
19	17.6	32.5	24.3	72.7	21.147	18.4	0.0	0.0	0.0	8.6
20	18.0	32.4	24.7	71.5	21.799	18.9	0.0	1.0	1.0	8.6
21	18.0	32.8	24.4	70.1	20.514	17.9	0.0	8.3	8.3	7.8
22	18.0	30.0	23.3	72.3	20.250	17.7	0.0	6.8	6.8	5.7
23	18.5	32.6	23.6	71.4	20.418	17.8	0.0	0.0	0.0	5.5
24	18.0	31.6	24.4	68.7	20.302	17.8	0.0	0.0	0.0	7.9
25	16.2	32.0	24.1	66.9	19.141	16.8	0.0	10.3	10.3	9.1
26	17.5	29.0	22.0	80.8	21.304	18.5	0.0	0.0	0.0	4.2
27	16.0	32.0	23.7	67.1	18.879	16.6	0.0	0.0	0.0	9.0
28	17.0	32.0	22.8	73.3	19.822	17.3	0.0	0.0	0.0	6.9
29	17.7	29.8	23.5	70.8	20.136	17.6	0.0	0.0	0.0	5.1
30	16.7	31.5	22.4	78.1	21.033	18.3	28.5	0.0	28.5	7.9
31	17.6	31.9	25.2	72.7	22.480	19.4	0.0	0.0	0.0	7.6
PROM.	18.1	31.2	23.6	75.8	21.604	18.7	76.8	113.2	190.0	179.9

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	32.8	25.2	69.8	21.223	18.4	0.0	0.0	0.0	8.6
2	17.5	31.9	25.2	74.0	22.908	19.7	0.0	0.0	0.0	5.6
3	19.7	30.3	23.7	76.9	22.736	19.5	0.5	0.0	0.5	3.5
4	19.0	32.3	24.9	75.7	23.535	20.1	0.0	3.6	3.6	7.5
5	17.8	27.9	21.2	84.7	22.001	19.0	13.2	1.9	15.1	0.8
6	17.5	30.6	24.2	76.1	22.249	19.2	0.0	1.0	1.0	8.4
7	19.3	32.0	24.8	77.2	23.671	20.2	0.0	0.9	0.9	6.4
8	18.7	31.2	25.1	76.7	23.580	20.1	0.0	1.1	1.1	3.8
9	19.7	29.5	23.2	86.5	24.332	20.6	0.0	0.0	0.0	3.9
10	18.5	32.6	26.2	69.3	22.620	19.5	0.0	0.0	0.0	7.6
11	19.3	32.5	25.3	78.0	24.769	20.9	0.0	0.0	0.0	2.5
12	18.5	28.4	21.1	93.2	24.141	20.5	7.6	0.1	7.7	0.2
13	17.5	32.0	23.1	69.4	18.138	15.3	0.0	1.8	1.8	5.9
14	19.3	31.6	22.8	82.8	23.385	20.0	1.5	0.0	1.5	3.6
15	19.0	30.2	22.9	85.2	23.595	20.1	1.4	0.7	2.1	4.2
16	17.5	29.3	22.3	83.5	22.169	19.1	38.1	0.0	38.1	2.4
17	17.3	31.5	22.1	80.5	21.284	18.5	10.0	0.5	10.5	4.5
18	18.2	29.8	22.0	82.8	22.319	19.3	31.3	24.8	56.1	5.4
19	16.8	21.0	19.0	94.4	21.302	18.5	10.4	0.0	10.4	0.0
20	14.0	29.8	22.4	81.1	21.370	18.4	0.0	0.0	0.0	5.0
21	16.0	32.0	24.4	73.6	21.416	18.6	0.0	0.0	0.0	8.9
22	18.5	28.0	22.7	81.5	21.928	18.9	0.0	5.9	6.2	1.9
23	18.3	30.4	24.3	77.2	22.769	19.6	0.0	0.1	0.1	6.8
24	19.0	31.5	24.6	79.4	24.029	20.4	0.0	0.0	0.0	5.8
25	19.0	30.6	25.2	75.3	23.135	19.7	0.0	0.0	0.0	9.1
26	20.0	29.8	23.4	82.0	23.376	19.9	0.3	0.0	0.3	4.4
27	20.0	25.0	21.6	88.0	23.086	19.8	6.1	9.1	15.2	0.0
28	18.3	29.9	23.3	81.2	22.794	19.6	0.0	3.0	3.0	2.8
29	18.5	30.4	22.7	83.1	22.608	19.4	20.5	0.0	20.5	3.6
30	17.8	31.6	22.4	81.0	22.309	19.2	21.7	0.0	21.7	5.1
PROM	18.3	30.2	23.4	80.0	22.626	19.4	162.9	54.5	217.4	137.5

ESTACION: INGENIO SAN FRANCISCO MUNICIPIO: LA VIRGINIA AÑO: 1.921
 ALTITUD: 1.000 LATITUD: 4-54 N. LONGITUD: 75-54 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.6	27.3	21.6	84.8	21.790	18.8	6.2	0.0	6.2	1.1
2	18.0	31.2	23.7	73.6	21.763	18.8	0.0	20.9	20.9	7.0
3	18.3	30.0	22.6	79.3	21.943	19.0	0.0	0.0	0.0	4.4
4	18.0	28.0	21.8	81.8	21.296	18.5	11.7	2.2	13.9	4.4
5	19.0	29.8	22.5	80.5	22.196	19.2	6.2	15.8	22.0	4.5
6	18.0	27.5	20.9	85.7	21.297	18.5	0.0	0.0	0.0	1.7
7	17.6	29.8	23.0	80.3	22.244	19.2	0.0	0.6	0.6	8.9
8	18.0	25.3	20.2	83.4	19.932	17.4	0.0	0.1	0.1	1.8
9	16.0	30.3	23.2	78.6	21.750	18.8	0.0	0.0	0.0	3.2
10	16.6	31.2	22.4	80.0	21.707	18.8	6.1	5.9	12.0	6.9
11	17.8	29.5	22.9	80.2	21.887	18.9	0.0	0.0	0.0	6.9
12	18.0	29.0	22.6	80.1	21.875	18.9	0.0	0.0	0.0	4.9
13	16.6	31.5	22.6	76.8	21.323	18.5	5.0	68.6	73.6	8.6
14	18.0	28.5	22.6	85.2	23.181	19.8	0.0	0.0	0.0	4.1
15	17.0	30.6	22.8	77.8	21.807	18.8	13.0	23.5	36.5	7.4
16	19.0	27.5	22.1	90.8	24.493	20.8	0.0	2.0	2.0	1.1
17	18.5	31.4	22.6	76.5	21.414	18.5	8.7	0.2	8.9	4.8
18	18.4	28.8	23.1	84.1	23.497	20.1	0.0	0.0	0.0	0.2
19	17.5	31.5	25.1	73.6	22.926	19.7	0.0	0.0	0.0	7.6
20	17.3	33.8	25.7	67.3	22.008	19.0	0.0	0.0	0.0	10.4
21	18.6	31.0	25.3	75.0	24.210	20.6	0.0	0.8	0.8	1.1
22	20.0	32.5	24.2	76.3	23.276	19.9	3.5	3.8	7.3	8.2
23	19.5	29.0	22.0	88.2	23.872	20.3	2.1	9.3	11.4	1.3
24	19.1	29.8	22.8	80.2	22.370	19.3	0.0	36.3	36.3	3.9
25	18.8	29.0	23.3	82.2	23.176	19.8	0.4	0.9	1.3	5.6
26	19.3	31.3	23.8	78.1	23.080	19.8	0.0	0.6	0.6	6.5
27	18.3	29.3	23.4	82.1	23.268	19.9	0.3	0.5	0.8	1.9
28	18.5	30.2	22.5	80.8	22.346	19.3	5.0	0.5	5.5	7.4
29	18.2	30.5	23.2	79.3	23.039	19.8	0.0	0.4	0.4	4.7
30	19.1	29.5	22.2	83.3	22.676	19.5	0.9	0.6	1.5	2.1
31	18.6	30.3	23.7	77.5	22.794	19.6	0.0	0.0	0.0	4.8
PROM.	18.2	29.8	22.9	80.1	22.401	19.3	69.1	193.5	262.6	147.4

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.7	29.6	22.8	82.2	22.968	19.7	3.1	7.3	10.4	4.7
2	19.0	32.1	24.0	73.3	21.444	18.6	0.0	0.0	0.0	6.8
3	17.0	32.6	24.8	72.8	21.941	19.0	0.0	0.0	0.0	9.4
4	17.0	31.3	24.5	74.0	22.372	19.3	0.0	0.0	0.0	7.5
5	18.0	31.5	23.6	77.6	22.429	19.3	0.0	0.0	0.0	6.6
6	18.4	32.1	23.1	79.4	22.747	19.6	9.9	42.4	52.3	4.4
7	18.5	30.0	23.4	82.3	23.593	20.1	0.0	0.4	0.4	3.0
8	18.6	30.2	22.5	81.8	22.781	19.6	0.0	23.5	23.5	4.5
9	17.3	30.0	22.6	81.3	22.106	19.1	3.9	0.1	4.0	2.6
10	19.0	30.5	23.3	78.4	22.349	19.3	0.0	1.6	1.6	7.4
11	19.9	30.8	23.3	80.2	22.826	19.6	0.0	8.9	8.9	4.8
12	19.0	29.2	22.2	87.2	23.765	20.3	0.5	0.8	1.3	1.4
13	19.0	31.0	22.7	78.6	21.883	18.9	0.0	0.0	0.0	5.1
14	17.5	30.4	21.4	85.3	22.228	19.1	0.0	0.8	0.8	2.6
15	17.0	29.6	22.2	78.6	21.481	18.6	0.1	0.4	0.5	4.0
16	18.6	30.0	21.6	83.3	21.853	18.9	13.9	1.0	14.9	5.2
17	17.0	31.0	23.4	80.6	22.630	19.5	0.0	0.0	0.0	9.1
18	18.6	27.3	21.0	87.1	22.200	19.2	13.1	0.2	13.3	0.8
19	16.1	30.6	23.7	73.1	21.179	18.4	0.0	0.0	0.0	9.3
20	18.0	29.6	24.0	81.8	24.282	20.6	0.0	0.0	0.0	5.2
21	17.0	31.3	23.3	81.4	22.988	19.7	0.0	0.0	0.0	6.4
22	17.1	29.7	22.9	81.1	22.420	19.3	0.6	0.1	0.7	5.5
23	18.0	30.5	23.0	81.9	23.059	19.8	0.0	0.0	0.0	4.3
24	18.0	28.5	23.9	79.7	23.123	19.8	0.0	2.6	2.6	2.6
25	18.0	29.4	22.7	82.3	22.403	19.3	0.0	4.0	4.0	3.0
26	18.0	30.3	24.1	73.2	22.012	19.0	0.0	0.0	0.0	5.8
27	17.6	30.5	23.5	80.8	22.961	19.7	0.0	0.0	0.0	4.6
28	17.5	30.6	22.9	80.7	22.338	19.3	0.0	0.7	0.7	4.5
29	18.5	29.3	21.9	85.7	22.834	19.6	2.4	14.2	16.6	2.3
30	18.2	30.3	21.9	83.6	21.966	19.0	2.8	0.2	3.0	6.1
PROM	18.0	30.3	23.0	80.3	22.505	19.4	50.3	109.2	159.5	149.7

ESTACION: INGENIO SAN FRANCISCO

MUNICIPIO: LA VIRGINIA AÑO:

1.981

ALTITUD: 1.000

LATITUD: 4-54 N.

LONGITUD: 75-54 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	30.4	23.0	81.6	22.470	19.3	0.0	35.1	35.1	7.7
2	17.0	29.5	22.2	76.0	20.282	17.7	0.0	0.0	0.0	7.7
3	18.0	30.0	22.8	80.7	22.737	19.5	0.0	0.0	0.0	5.0
4	18.0	29.2	21.7	86.2	22.721	19.5	0.5	1.0	1.5	5.0
5	17.0	31.3	22.5	78.9	21.506	18.6	0.5	1.3	1.8	7.0
6	16.5	27.7	22.6	79.9	21.464	18.6	0.0	0.0	0.0	6.9
7	16.5	30.9	24.3	78.8	23.603	20.1	0.0	0.0	0.0	8.4
8	18.0	32.0	23.9	79.6	23.154	19.8	0.0	0.0	0.0	5.1
9	19.0	26.6	22.6	87.0	23.876	20.3	2.1	0.2	2.3	2.2
10	18.2	27.5	22.5	83.1	22.581	19.4	0.5	7.9	8.4	2.6
11	18.2	28.8	22.9	79.1	21.832	18.9	0.3	4.5	4.8	6.8
12	17.0	30.0	22.7	77.8	20.793	18.1	0.6	0.0	0.6	6.3
13	17.6	30.5	23.2	77.4	21.868	18.9	0.0	0.0	0.0	5.6
14	17.2	30.6	23.5	75.0	21.247	18.5	0.0	18.3	18.3	5.1
15	17.5	31.9	23.2	75.7	21.316	18.5	0.0	0.0	0.0	8.0
16	17.5	29.3	21.3	82.6	21.222	18.4	48.2	14.4	62.6	4.0
17	17.6	23.4	20.1	89.5	21.264	18.5	3.1	0.0	3.1	0.0
18	15.8	28.6	21.2	78.1	19.683	17.2	0.0	0.0	0.0	7.2
19	16.3	32.0	23.7	79.8	23.081	19.8	0.0	0.0	0.0	7.1
20	16.7	30.2	20.9	89.2	22.713	19.5	0.3	0.0	0.3	3.6
21	16.7	31.5	23.0	80.9	22.143	19.1	0.0	0.0	0.0	7.1
22	16.0	32.5	23.6	75.5	21.115	18.3	0.0	0.0	0.0	9.0
23	17.0	32.2	23.4	75.5	21.146	18.4	0.0	0.0	0.0	8.9
24	15.6	31.3	22.9	72.2	19.208	16.8	0.0	0.0	0.0	10.1
25	14.0	33.0	24.2	68.1	19.717	17.2	0.0	0.0	0.0	11.0
26	15.5	31.2	22.9	72.5	19.702	17.2	0.0	0.0	0.0	8.6
27	15.0	34.0	24.5	73.3	21.407	18.6	0.0	0.0	0.0	9.8
28	17.0	31.0	23.9	79.6	23.574	20.1	0.0	0.0	0.0	3.4
29	16.0	31.5	24.2	73.5	21.473	18.6	0.0	0.0	0.0	7.4
30	15.0	32.4	24.0	73.7	21.119	18.4	0.0	0.0	0.0	9.2
31	16.2	31.9	24.2	75.5	21.983	19.0	0.0	0.0	0.0	8.4
PROM.	16.8	30.4	23.0	78.6	21.677	18.7	56.1	82.7	138.8	204.2

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	31.3	24.4	73.3	21.653	18.7	0.0	1.6	1.6	7.8
2	16.5	30.9	24.0	79.0	22.914	19.7	0.0	0.0	0.0	3.7
3	16.7	30.7	23.2	79.3	22.373	19.2	0.0	0.0	0.0	1.3
4	17.4	33.0	25.1	73.2	22.325	19.3	0.0	0.0	0.0	9.4
5	17.2	33.7	25.5	70.4	22.110	19.1	0.0	0.0	0.0	8.4
6	19.0	32.0	25.2	72.6	22.862	19.6	0.0	0.0	0.0	6.4
7	18.0	32.5	22.8	81.7	22.737	19.5	10.6	0.0	10.6	4.4
8	17.8	30.6	23.4	78.2	22.422	19.3	0.0	6.0	6.0	5.5
9	17.6	31.2	22.7	78.5	21.641	18.7	0.2	0.0	0.2	4.5
10	14.5	33.3	23.9	73.2	20.950	18.2	0.0	0.0	0.0	9.0
11	17.5	31.6	24.1	77.0	22.808	19.6	0.0	2.0	2.0	6.1
12	18.5	29.3	24.5	71.4	20.742	17.9	0.5	6.8	7.3	2.3
13	18.6	30.3	24.9	74.2	22.358	19.3	0.0	0.0	0.0	6.1
14	17.0	30.7	25.4	71.6	21.670	18.7	0.0	0.0	0.0	8.5
15	16.0	31.8	24.1	72.2	20.661	18.0	0.0	0.1	0.1	8.7
16	18.0	32.0	24.2	78.8	23.584	20.1	0.0	2.9	2.9	9.7
17	18.0	30.3	23.4	78.1	22.441	19.3	0.0	0.5	0.5	3.9
18	18.0	31.6	23.8	76.0	22.013	19.0	0.0	2.1	2.1	8.1
19	17.6	32.4	23.4	75.0	20.935	18.2	0.0	0.0	0.0	9.4
20	14.5	32.5	24.5	66.9	19.480	17.0	0.0	2.0	2.0	10.4
21	17.8	30.5	23.5	78.0	22.223	19.2	0.0	1.0	1.0	6.3
22	18.2	31.3	24.1	70.2	21.297	18.5	0.0	1.0	1.0	8.9
23	17.5	27.0	21.1	84.8	21.233	18.4	8.8	0.0	8.8	1.9
24	14.5	31.5	22.1	77.4	20.654	18.0	0.4	3.9	4.3	8.2
25	17.4	30.0	22.9	80.0	22.075	19.1	0.6	0.0	0.6	5.1
26	17.4	31.5	23.9	72.8	21.030	18.3	0.0	0.0	0.0	8.9
27	17.6	33.3	25.0	72.0	22.125	19.1	0.0	0.0	0.0	9.4
28	17.0	32.5	24.5	71.2	21.240	18.5	0.0	1.0	1.0	9.7
29	18.0	29.8	22.1	81.6	21.820	18.9	24.5	25.8	50.3	5.9
30	17.5	29.9	22.5	79.3	21.463	18.6	1.0	2.5	3.5	7.7
31	17.2	31.2	23.6	78.0	22.234	19.2	0.0	32.4	32.4	5.0
PROM.	17.2	31.3	23.8	75.7	21.809	18.8	46.6	91.6	138.2	210.6

ESTACION: INGENIO SAN FRANCISCO

MUNICIPIO: LA VIRGINIA AÑO:

1.981

ALTITUD: 1.000

LATITUD: 4-54 N.

LONGITUD: 75-54 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	29.0	21.0	82.4	20.548	17.9	3.1	6.6	9.7	4.5
2	17.0	30.0	22.2	77.8	20.813	18.1	0.2	6.8	7.0	5.7
3	15.7	29.1	22.7	80.1	21.570	18.7	0.0	0.4	0.4	7.1
4	15.6	31.0	22.5	77.0	20.309	17.7	6.2	0.5	6.7	7.0
5	16.4	28.4	22.5	83.7	22.845	19.6	0.0	0.0	0.0	5.6
6	17.6	30.0	23.2	76.5	21.386	18.6	0.0	0.5	0.5	4.8
7	16.6	29.0	22.6	82.9	22.379	19.2	0.0	0.6	0.6	4.5
8	16.8	29.0	22.5	82.4	22.368	19.3	0.0	30.5	30.5	5.6
9	17.0	29.2	22.5	79.9	21.672	18.8	0.0	0.2	0.2	5.9
10	17.8	29.4	22.3	82.5	22.189	19.2	0.0	21.5	21.5	7.0
11	17.4	28.8	23.0	79.7	22.171	19.2	0.0	0.0	0.0	5.6
12	16.8	32.0	22.9	70.3	19.754	17.3	0.0	0.2	0.2	8.4
13	16.5	29.2	21.1	75.8	19.096	16.8	0.0	0.2	0.2	3.5
14	15.3	32.0	24.5	74.9	22.532	19.4	0.0	0.0	0.0	8.3
15	15.3	29.9	23.0	80.9	22.015	18.9	0.0	30.2	30.2	4.4
16	17.1	32.1	23.7	78.8	22.864	19.6	0.0	0.0	0.0	5.8
17	15.3	32.9	23.6	74.7	20.981	18.2	0.0	0.0	0.0	9.2
18	17.3	32.9	25.4	70.5	22.183	19.1	0.0	59.4	59.4	9.8
19	16.6	24.6	20.7	88.1	21.398	18.6	1.3	0.0	1.3	3.1
20	14.8	31.6	23.4	76.9	21.438	18.6	0.0	0.0	0.0	9.0
21	16.4	32.8	23.9	77.3	22.679	19.5	0.0	0.0	0.0	7.5
22	15.0	32.0	24.0	74.8	21.455	18.6	0.0	0.0	0.0	6.8
23	15.5	34.6	25.0	74.1	22.728	19.5	0.0	0.0	0.0	9.3
24	15.3	33.8	25.1	69.2	20.890	18.1	0.0	0.0	0.0	7.1
25	16.4	32.4	24.1	74.9	22.246	19.2	0.0	0.0	0.0	6.1
26	17.0	32.0	23.9	71.2	20.702	18.0	0.0	0.0	0.0	3.2
27	15.0	32.5	22.8	76.8	21.469	18.6	27.2	0.0	27.2	7.3
28	16.6	33.0	24.2	70.5	20.913	18.2	0.0	0.0	0.0	8.8
29	16.5	32.6	24.5	71.8	21.434	18.6	0.0	7.1	7.1	8.0
30	17.5	32.4	24.3	76.4	22.688	19.5	0.0	1.6	1.6	6.9
PROM.	16.4	30.9	23.2	77.1	21.591	18.7	38.0	166.3	204.3	195.8

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	17.5	29.6	23.1	82.6	23.070	19.7	4.7	0.0	4.7	2.1
2	20.0	29.3	23.7	76.6	22.047	19.0	2.0	0.0	2.0	3.9
3	17.6	28.8	22.7	82.3	22.688	19.5	2.3	0.0	2.3	2.5
4	16.6	31.1	22.0	79.0	21.171	18.4	9.7	0.2	9.9	4.9
5	17.0	30.6	23.8	74.2	21.028	18.3	0.0	0.4	0.4	8.2
6	18.2	32.8	23.9	71.6	21.431	18.5	0.4	0.0	0.4	6.1
7	18.1	33.2	23.9	80.4	23.835	20.3	0.0	1.0	1.0	6.6
8	18.7	29.9	22.3	78.5	21.495	18.6	0.0	4.9	4.9	5.4
9	19.5	31.4	24.0	79.8	23.980	20.4	5.9	38.9	44.8	6.0
10	19.2	28.5	22.7	73.5	20.180	17.5	0.0	7.3	7.3	3.1
11	19.6	28.8	22.4	79.3	21.798	18.8	0.0	0.0	0.0	5.1
12	18.5	31.4	23.0	77.9	21.795	18.9	0.4	0.0	0.4	4.4
13	17.0	31.6	23.7	80.4	23.093	19.7	0.3	0.1	0.4	4.2
14	18.0	31.7	23.4	79.2	22.333	19.2	0.0	0.2	0.2	7.0
15	17.3	30.6	22.9	80.3	22.197	19.1	0.2	0.0	0.2	3.9
16	17.0	31.4	23.8	73.9	21.122	18.4	0.0	0.0	0.0	6.7
17	17.6	32.0	24.4	75.8	22.553	19.3	0.0	5.6	5.6	6.3
18	19.0	32.0	22.5	76.4	21.026	18.3	1.3	0.0	1.3	5.1
19	18.6	31.8	23.8	77.9	22.629	19.4	0.0	0.0	0.0	8.0
20	18.4	33.4	23.8	74.7	21.626	18.7	0.0	0.0	0.0	7.7
21	19.0	30.9	24.4	75.1	22.484	19.4	0.0	0.9	0.9	6.5
22	19.0	29.9	22.6	81.9	22.714	19.6	14.6	0.2	14.8	2.1
23	17.6	30.1	21.7	83.2	21.939	19.0	15.9	20.6	36.5	3.4
24	18.5	28.3	22.2	82.3	21.858	18.9	0.0	0.0	0.0	2.0
25	17.5	30.9	22.8	77.6	21.123	18.4	0.0	0.0	0.0	7.2
26	17.4	28.2	21.7	82.0	21.357	18.5	0.0	0.0	0.0	2.7
27	17.4	28.7	21.9	81.2	21.251	18.4	2.8	0.0	2.8	2.9
28	18.5	28.2	22.3	81.7	21.913	19.0	0.0	0.2	0.2	2.8
29	17.6	29.6	23.4	79.2	22.574	19.4	0.0	30.6	30.6	6.0
30	17.2	26.4	21.3	82.2	20.994	18.3	4.8	0.0	4.8	0.4
31	15.5	28.6	21.6	79.4	20.126	17.6	4.2	6.4	10.6	4.0
PROM.	18.0	30.3	23.0	78.7	21.917	18.9	69.5	117.5	187.0	147.2

ESTACION: INGENIO SAN FRANCISCO

MUNICIPIO: LA VIRGINIA AÑO:

1.981

ALTITUD: 1.000

LATITUD: 4-54 N.

LONGITUD: 75-54 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.0	24.2	21.0	87.4	21.779	18.9	0.0	0.0	0.0	0.2
2	16.0	27.7	21.9	78.6	20.077	17.5	0.0	0.0	0.0	5.0
3	17.0	31.0	23.9	73.7	21.005	18.3	0.0	0.0	0.0	8.3
4	19.0	30.3	23.8	78.6	22.980	19.7	2.1	104.3	106.4	6.0
5	17.2	28.9	23.4	77.5	21.810	18.9	0.0	2.4	2.4	7.3
6	18.0	30.3	24.7	76.7	23.910	20.3	0.0	0.6	0.6	9.6
7	19.0	29.0	23.2	79.8	22.528	19.4	0.0	24.0	24.0	5.4
8	19.4	27.0	22.6	82.5	22.540	19.4	0.0	15.7	15.7	4.1
9	18.0	28.8	23.2	81.1	22.602	19.4	0.0	37.2	37.2	7.1
10	19.0	28.4	22.2	80.4	21.619	18.7	0.7	1.9	2.6	6.1
11	19.0	30.4	23.5	74.9	21.461	18.6	0.0	6.1	6.1	8.1
12	18.0	30.0	23.0	78.5	21.729	18.8	3.1	0.9	4.0	4.4
13	17.5	29.3	22.0	80.0	21.301	18.5	10.4	0.0	10.4	5.3
14	16.6	28.0	21.9	87.0	23.147	19.8	0.0	0.1	0.1	0.9
15	16.5	30.0	22.5	80.4	21.565	18.6	0.0	0.0	0.0	6.1
16	19.0	28.6	22.9	79.1	21.972	18.9	0.0	0.0	0.0	3.6
17	19.6	31.0	24.8	75.8	23.222	19.9	0.0	0.5	0.5	8.7
18	18.0	30.2	22.5	85.1	23.524	20.1	0.2	0.0	0.2	6.5
19	16.8	31.0	23.3	80.0	22.385	19.2	0.6	38.4	39.0	9.2
20	19.0	30.3	23.3	77.5	21.625	18.7	1.3	1.2	2.5	3.6
21	17.5	28.4	22.3	82.2	21.328	19.0	0.0	1.0	1.0	6.1
22	18.0	30.4	22.8	79.9	21.932	19.0	0.0	4.3	4.3	6.2
23	17.3	29.0	22.6	79.1	21.615	18.6	15.6	3.0	18.6	9.4
24	19.8	28.3	22.2	82.9	22.156	19.1	0.0	1.3	1.3	2.9
25	18.8	27.2	21.5	80.6	20.894	18.2	2.7	0.0	2.7	1.7
26	16.0	30.0	23.0	76.3	21.102	18.3	0.0	8.8	8.8	8.1
27	18.0	26.5	20.7	82.2	20.458	17.9	0.0	0.0	0.0	2.9
28	16.6	29.4	22.5	76.6	20.524	17.9	19.3	5.4	24.7	7.9
29	16.8	23.7	19.7	84.1	19.369	17.0	7.1	8.6	15.7	0.9
30	16.8	30.3	22.3	83.4	22.501	19.4	0.0	3.6	3.6	5.8
PROM.	17.9	28.9	22.6	80.1	21.842	18.9	63.1	269.3	332.4	167.4

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	19.5	31.4	23.5	81.7	23.393	20.0	0.0	9.5	9.5	5.1
2	19.0	28.6	24.0	79.4	23.440	20.1	0.0	0.0	0.0	6.1
3	17.7	31.0	24.9	74.6	22.951	19.7	0.0	12.3	12.3	9.2
4	19.5	30.6	24.2	82.5	24.970	21.0	1.0	0.0	1.0	4.4
5	18.6	30.7	23.5	80.2	23.181	19.8	19.0	3.1	22.1	6.3
6	19.5	30.6	22.1	84.6	22.607	19.6	0.0	0.0	0.0	2.2
7	18.2	31.0	23.2	77.8	22.181	19.2	0.0	19.3	19.3	7.6
8	19.5	31.3	25.0	79.1	24.293	20.6	0.0	0.0	0.0	4.7
9	19.4	31.0	25.0	80.8	25.594	21.5	0.0	24.6	24.6	4.2
10	20.0	28.0	22.5	85.5	23.229	19.8	0.0	0.0	0.0	0.0
11	17.0	29.0	22.7	80.0	21.455	18.5	0.2	0.0	0.2	2.2
12	17.6	31.7	23.3	74.9	21.253	18.4	0.0	0.0	0.0	9.0
13	19.4	32.4	25.0	80.7	25.018	21.0	0.0	19.0	19.0	6.8
14	17.5	32.2	24.3	79.5	23.887	20.3	0.0	37.3	37.3	6.5
15	19.0	31.6	24.4	76.2	22.717	19.5	0.0	0.3	0.3	6.6
16	18.0	32.5	25.0	70.7	21.729	18.8	0.0	0.0	0.0	9.0
17	19.0	31.6	24.9	71.4	22.001	19.0	0.0	0.0	0.0	7.5
18	17.8	31.5	24.4	72.1	21.475	18.6	0.3	0.0	0.3	6.0
19	17.0	31.2	24.6	72.7	21.788	18.8	0.0	9.6	9.6	7.5
20	19.5	28.8	23.9	75.7	21.809	18.8	0.0	6.8	6.8	4.4
21	19.4	29.3	23.4	79.7	22.803	19.6	0.0	3.3	3.3	3.9
22	19.0	29.8	23.8	76.8	22.530	19.4	0.0	0.2	0.2	5.2
23	19.0	31.2	24.3	71.5	21.148	18.4	0.0	0.0	0.0	6.7
24	19.4	32.0	24.5	71.3	21.626	18.7	0.0	0.0	0.0	9.4
25	19.0	32.0	23.5	77.9	22.004	19.0	1.4	0.0	1.4	2.9
26	17.5	31.6	24.1	68.4	20.376	17.8	0.0	0.0	0.0	6.9
27	17.0	31.5	24.6	74.3	22.170	19.1	0.0	0.0	0.0	8.5
28	18.0	32.5	25.3	74.7	23.063	19.7	0.0	0.0	0.0	8.5
29	20.0	21.0	20.8	96.3	23.668	20.2	0.0	0.0	0.0	0.0
30	17.0	30.4	23.6	75.4	21.089	18.3	0.0	22.6	22.6	8.1
31	18.0	31.6	23.2	78.8	21.874	18.9	0.0	1.5	1.5	6.0
PROM.	18.6	30.6	23.9	77.6	22.630	19.4	21.9	169.4	191.3	181.4

ESTACION: INGENIO SAN FRANCISCO MUNICIPIO LA VIRGINIA

AÑO: 1.981

ALTITUD: 1.000

LATITUD: 4-54 N.

LONGITUD: 75-54 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	17.3	32.0	24.2	14.4	33.7	71.8	21.101	18.3	21.9	6	251.6
FEBRERO	18.7	31.9	24.3	16.5	34.9	73.1	21.705	18.7	49.8	14	170.3
MARZO	18.1	31.2	23.6	16.0	35.3	75.8	21.604	18.7	190.0	16	179.9
ABRIL	18.3	30.2	23.4	14.0	32.8	80.0	22.626	19.4	217.4	21	137.5
MAYO	18.2	29.8	22.9	16.0	33.8	80.1	22.401	19.3	262.6	21	147.4
JUNIO	18.0	30.3	23.0	16.1	32.6	80.3	22.505	19.4	159.5	18	149.7
JULIO	16.8	30.4	23.0	14.0	34.0	78.6	21.677	18.7	138.8	11	204.2
AGOSTO	17.2	31.3	23.8	14.5	33.7	75.7	21.809	18.8	138.2	20	210.6
SEPTIEMBRE	16.4	30.9	23.2	14.8	34.6	77.1	21.591	18.7	204.3	17	195.8
OCTUBRE	18.0	30.3	23.0	15.5	33.4	78.7	21.917	18.9	187.0	24	147.2
NOVIEMBRE	17.9	28.9	22.6	16.0	31.0	80.1	21.842	18.9	332.4	24	167.4
DICIEMBRE	18.6	30.6	23.9	17.0	32.5	77.6	22.630	19.4	191.3	18	181.4
PROMEDIO	17.8	30.7	23.4	15.4	33.5	77.4	21.951	18.9			
TOTAL									2093.2	210	2143.0

ESTACION: EL JAZMIN
 ALTITUD: 1.600

MUNICIPIO: STA. ROSA DE ABO
 LATITUD: 4-55 N. LONGITUD: 75-38 W. 1.981

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	15.2	24.0	21.0	72.4	16.586	14.5	0.0	0.0	0.0	6.7
2	16.0	26.0	19.7	87.8	19.983	17.5	0.0	0.0	0.0	7.2
3	14.5	27.0	19.2	85.1	19.355	16.9	0.0	0.0	0.0	9.3
4	16.2	25.0	19.9	84.3	19.702	17.3	0.0	0.0	0.0	8.1
5	15.0	23.0	19.5	87.3	19.529	17.1	0.0	0.0	0.0	7.5
6	14.6	26.5	19.7	87.7	19.829	17.3	0.0	0.0	0.0	3.9
7	15.6	24.0	18.8	91.1	19.781	17.3	0.0	0.0	0.0	5.6
8	17.6	26.0	20.9	90.1	22.493	19.4	0.0	2.4	2.4	8.7
9	16.0	24.0	18.9	88.7	19.404	17.0	0.0	0.0	0.0	
10	14.6	27.0	20.1	79.8	18.261	16.1	0.0	0.0	0.0	
11	15.0	27.0	19.8	89.3	20.362	17.7	0.0	0.0	0.0	
12	16.0	26.0	19.2	74.5	16.396	14.3	0.0	0.0	0.0	8.2
13	14.0	26.3	20.0	67.5	15.331	13.3	20.4	0.0	20.4	8.7
14	12.3	27.0	18.9	70.8	14.911	12.8	0.0	0.0	0.0	9.7
15	12.8	27.0	19.3	71.7	15.818	13.8	0.0	0.0	0.0	8.6
16	13.6	26.4	19.6	74.7	16.424	14.3	0.0	0.0	0.0	
17	14.3	26.0	20.3	71.8	16.796	14.8	0.0	0.0	0.0	6.0
18	14.0	28.6	21.2	63.8	15.043	13.1	0.0	0.0	0.0	10.6
19	14.5	29.0	20.7	64.1	15.055	13.0	0.0	0.0	0.0	9.9
20	13.5	27.0	19.9	72.3	16.468	14.4	0.0	0.0	0.0	9.7
21	15.2	26.0	20.7	71.0	16.702	14.7	0.0	0.0	0.0	9.7
22	13.6	27.0	19.9	74.4	16.862	14.8	0.0	0.0	0.0	10.2
23	15.4	27.0	20.0	72.0	16.615	14.5	0.0	0.0	0.0	7.6
24	14.5	24.0	17.4	77.0	15.842	13.8	0.0	0.0	0.0	4.3
25	13.6	26.5	19.9	73.7	16.625	14.6	0.0	0.0	0.0	7.4
26	14.5	27.3	21.0	71.8	17.342	15.3	0.0	0.0	0.0	7.2
27	13.0	27.4	18.5	76.8	16.227	14.3	0.0	0.0	0.0	8.3
28	13.0	24.4	19.2	84.1	18.306	16.0	0.0	11.3	11.3	4.5
29	13.5	23.6	18.0	82.6	17.454	15.3	0.0	0.0	0.0	1.8
30	14.5	26.0	19.8	66.5	15.209	13.2	0.0	20.0	20.0	6.8
31	14.8	24.8	17.4	88.7	18.002	15.8	0.0	0.0	0.0	
PROM.	14.5	26.0	19.6	77.9	17.507	15.3	20.4	33.7	54.1	

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	24.0	18.0	79.7	16.483	14.5	0.0	0.0	0.0	4.7
2	15.2	24.4	18.9	83.1	18.320	16.1	1.2	0.0	1.2	4.1
3	13.9	25.0	19.0	83.3	18.235	16.0	0.2	0.2	0.4	4.6
4	14.0	24.3	18.6	86.5	18.628	16.4	0.4	0.0	0.4	3.4
5	15.5	24.3	18.7	87.3	19.171	16.8	0.2	0.1	0.3	2.2
6	14.0	25.8	19.8	79.4	17.810	15.6	0.0	7.0	7.0	6.4
7	16.0	25.1	20.2	83.7	19.993	17.4	0.2	0.0	0.2	3.8
8	16.3	25.3	20.6	79.9	18.872	16.6	0.0	0.0	0.0	4.6
9	16.2	25.0	19.0	85.0	18.960	16.7	21.9	0.0	21.9	4.2
10	14.0	26.0	20.9	75.4	18.034	15.8	0.0	9.6	9.6	8.4
11	16.2	27.0	19.6	78.9	18.093	15.9	12.5	2.2	14.7	6.8
12	15.2	21.3	18.8	89.8	19.314	16.9	0.0	0.0	0.0	1.9
13	16.7	24.0	20.0	86.7	19.975	17.4	0.0	2.0	2.0	3.8
14	16.1	23.3	19.4	88.3	19.426	17.0	1.3	0.0	1.3	2.5
15	16.0	25.0	20.6	76.6	18.333	16.1	0.0	0.0	0.0	5.0
16	16.8	27.0	20.9	81.6	20.225	17.6	0.0	0.0	0.0	4.6
17	16.0	27.0	21.1	78.2	19.126	16.8	0.0	0.0	0.0	4.4
18	17.5	26.3	21.0	82.5	20.142	17.6	0.0	12.9	12.9	3.3
19	17.0	26.3	19.2	82.3	18.756	16.5	1.0	0.0	1.0	4.1
20	13.5	25.3	19.6	80.1	17.530	15.2	0.1	0.0	0.1	3.3
21	14.7	27.4	21.0	73.5	17.484	15.3	0.0	3.8	3.8	4.6
22	14.5	26.0	17.9	84.1	19.175	16.8	0.7	18.4	19.1	3.0
23	17.2	22.4	19.9	93.5	19.288	16.9	0.0	0.0	0.0	1.6
24	15.5	26.4	20.0	81.6	18.671	16.4	0.0	0.0	0.0	6.0
25	17.2	24.8	19.7	87.6	20.247	17.7	33.8	0.0	33.8	2.8
26	16.5	28.8	22.0	75.0	19.257	16.9	0.0	0.0	0.0	8.7
27	18.0	28.1	23.2	77.0	20.977	18.1	0.2	0.4	0.6	6.4
28	16.4	29.7	22.5	74.5	19.742	17.2	0.1	7.3	7.4	6.2
PROM.	15.7	25.5	20.0	82.0	18.938	16.6	73.8	63.9	137.7	125.4

ESTACION: EL JAZMIN
 ALTITUD: 1.600

MUNICIPIO: STA. ROSA DEARD
 LATITUD: 4-55 N. LONGITUD: 75-38 W. 1.981

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	30.0	23.5	76.0	21.158	18.4	0.0	0.0	0.0	
2	16.4	27.1	19.6	88.8	21.020	18.3	27.4	0.7	28.1	2.9
3	15.5	26.5	21.4	80.2	19.893	17.4	0.0	0.0	0.0	8.4
4	16.5	26.8	21.6	81.5	20.865	18.1	0.0	3.8	3.8	6.8
5	16.3	25.3	19.2	92.5	21.132	18.3	20.7	15.7	36.4	3.0
6	14.8	23.0	19.3	89.6	19.963	17.4	1.4	0.0	1.4	2.4
7	16.1	24.0	20.1	83.9	19.640	17.2	4.2	8.8	13.0	
8	15.1	23.0	18.9	94.2	20.373	17.8	10.9	11.9	22.8	
9	15.2	23.9	19.3	88.0	19.832	17.4	5.2	2.8	8.0	1.0
10	15.7	23.0	18.9	91.1	20.058	17.5	0.0	0.0	0.0	
11	15.8	24.8	20.4	86.1	20.535	17.9	0.0	0.0	0.0	2.0
12	16.2	23.4	19.2	91.1	20.407	17.8	0.0	0.0	0.0	1.6
13	14.4	26.0	20.5	79.9	18.959	16.7	0.3	13.5	13.8	1.5
14	16.3	23.1	18.5	87.0	18.650	16.4	3.1	23.5	26.6	1.4
15	17.0	23.6	19.8	83.1	18.956	16.6	7.7	18.5	26.2	2.3
16	16.0	25.5	20.1	80.3	18.682	16.4	0.0	0.0	0.0	4.2
17	17.0	26.4	20.8	74.6	18.330	16.1	15.2	0.0	15.2	3.6
18	15.4	26.0	20.6	75.4	17.885	15.8	0.0	0.0	0.0	4.0
19	15.6	26.0	19.6	81.9	18.606	16.3	6.1	5.4	11.5	4.7
20	15.5	26.5	20.2	79.0	18.277	16.0	0.0	20.0	20.0	8.7
21	16.3	26.9	20.3	78.2	18.438	16.2	0.0	0.0	0.0	
22	16.8	24.0	20.3	78.2	18.366	16.1	0.0	6.0	6.0	
23	15.5	26.0	20.3	84.5	20.007	17.5	0.0	0.0	0.0	3.8
24	15.5	24.2	20.3	76.3	17.829	15.7	0.0	0.0	0.0	4.2
25	14.5	26.2	21.0	76.7	18.791	16.5	0.0	19.6	19.6	6.1
26	14.5	24.0	19.7	84.5	19.125	16.7	0.0	0.0	0.0	2.7
27	14.5	26.2	20.5	74.5	17.555	15.3	0.0	0.0	0.0	8.4
28	14.5	26.1	20.2	78.3	18.510	16.0	0.0	0.0	0.0	
29	15.0	25.7	20.3	86.2	20.459	17.8	7.8	0.0	7.8	
30	15.0	26.0	20.6	80.7	19.299	16.9	0.0	0.0	0.0	4.8
31	15.0	26.2	20.6	78.4	18.605	16.4	0.0	0.0	0.0	5.6
PROM.	15.7	25.3	20.2	82.6	19.361	16.9	110.0	150.2	260.2	

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	17.2	26.2	20.4	70.0	16.712	14.7	0.0	0.0	0.0	6.7
2	14.2	27.0	20.5	69.3	16.633	14.6	0.0	0.0	0.0	2.9
3	14.2	24.3	18.5	79.1	17.446	15.3	0.4	1.5	1.9	3.5
4	15.0	26.1	18.8	80.0	17.547	15.4	19.7	5.7	25.4	4.4
5	14.4	21.8	16.9	85.7	16.933	14.9	20.2	0.1	20.3	0.4
6	13.5	26.0	19.2	77.9	17.149	15.1	0.1	7.9	8.0	5.8
7	14.4	22.3	18.2	84.2	17.455	15.3	0.5	0.0	0.5	1.4
8	14.2	24.0	19.0	81.2	17.518	15.4	0.0	0.9	0.9	1.9
9	14.2	22.2	18.4	80.1	16.875	14.8	0.0	0.0	0.0	1.3
10	15.2	26.3	21.8	69.2	17.628	15.5	0.0	0.0	0.0	6.0
11	15.2	25.1	20.6	76.6	18.246	15.9	0.0	11.2	11.2	1.9
12	14.6	22.1	16.6	86.3	16.682	14.7	10.6	0.0	10.6	0.0
13	15.0	24.0	18.9	76.4	16.780	14.8	0.1	0.2	0.3	2.9
14	15.0	24.0	17.8	80.3	16.721	14.7	3.7	0.7	4.4	1.8
15	13.5	25.2	18.9	79.3	17.099	15.0	0.2	38.7	38.9	3.2
16	12.5	22.2	17.8	85.0	17.343	15.3	13.9	0.0	13.9	1.2
17	13.0	24.0	17.8	78.2	16.340	14.3	0.2	2.2	2.4	3.9
18	14.0	24.3	18.7	81.6	17.829	15.7	11.0	18.7	29.7	1.8
19	13.6	17.1	14.9	90.1	15.160	13.2	7.1	0.0	7.1	0.0
20	12.2	23.2	16.7	83.3	16.439	14.3	0.0	0.0	0.0	3.4
21	12.2	27.2	19.0	73.3	16.429	14.2	0.6	12.4	13.0	9.2
22	13.2	23.6	16.0	91.4	16.999	14.9	27.0	3.0	30.0	1.4
23	11.2	25.0	17.9	77.2	16.276	14.3	8.0	0.0	8.0	3.7
24	13.2	22.6	18.0	82.8	17.406	15.3	4.0	0.0	4.0	3.6
25	13.4	26.2	20.2	76.2	18.256	16.1	4.0	0.3	4.3	8.6
26	14.1	24.2	17.2	88.6	17.427	15.3	4.7	0.0	4.7	0.0
27	17.0	19.4	17.4	89.6	17.954	15.8	14.6	3.3	17.9	0.0
28	13.0	22.3	17.6	83.0	16.687	14.7	5.0	7.7	12.7	1.2
29	13.0	25.0	17.7	79.2	16.246	14.2	5.1	0.0	5.1	4.7
30	13.6	24.6	17.9	79.6	16.797	14.7	0.2	12.8	13.0	3.1
PROM.	14.0	23.9	18.3	80.5	17.034	14.9	156.9	127.3	284.2	89.9

ESTACION: EL JAZMIN

MUNICIPIO: STA. ROSA DEARQ.

1.961

ALTITUD: 1.600

LATITUD: 4-55 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	14.3	22.0	16.9	85.6	16.722	14.7	4.0	1.6	5.6	2.2
2	13.5	21.0	17.5	87.0	17.593	15.3	9.0	17.2	26.2	1.3
3	12.8	22.0	18.2	85.6	17.589	15.4	0.0	0.0	0.0	0.0
4	12.2	21.0	17.3	83.2	16.925	14.9	7.0	3.9	10.9	1.7
5	13.0	21.0	16.8	86.3	16.622	14.6	0.3	29.7	30.0	2.2
6	12.2	20.2	16.8	88.1	16.807	14.7	0.9	0.0	0.9	3.5
7	12.2	25.0	19.1	70.8	15.483	13.4	0.0	6.7	6.7	5.9
8	13.6	22.0	16.7	88.9	17.007	14.9	1.1	0.0	1.1	1.3
9	14.0	23.0	17.9	85.5	17.389	15.2	1.2	0.0	1.2	2.2
10	14.1	22.0	17.3	81.0	16.105	14.1	6.1	2.5	8.6	4.9
11	15.0	21.3	17.2	81.6	16.379	14.3	3.1	3.5	6.6	4.4
12	12.6	23.2	17.4	78.5	15.451	13.5	0.3	0.0	0.3	3.2
13	13.5	26.0	17.7	75.4	15.858	13.8	31.2	10.8	42.0	6.3
14	14.2	21.1	17.4	81.4	16.162	14.2	2.7	0.0	2.7	4.0
15	13.2	23.3	17.3	82.9	16.420	14.4	5.8	6.4	12.2	3.1
16	13.8	18.1	15.3	92.7	16.112	14.1	6.9	0.0	6.9	0.6
17	12.0	22.5	16.8	78.2	15.016	13.0	14.5	0.0	14.5	3.5
18	14.2	22.4	18.3	86.0	18.210	16.0	0.0	0.0	0.0	0.9
19	13.3	25.2	19.1	76.7	17.098	15.0	0.0	0.0	0.0	5.3
20	13.0	28.0	21.6	69.8	18.059	15.8	0.0	0.0	0.0	9.4
21	15.3	24.2	20.5	82.4	19.872	17.2	0.0	0.4	0.4	2.0
22	14.2	26.2	20.7	78.5	19.202	16.8	0.0	8.2	8.2	6.9
23	14.3	21.1	18.4	92.0	19.333	16.8	5.6	0.8	6.4	0.2
24	14.9	20.0	17.3	92.5	18.459	16.2	8.4	7.8	16.2	0.7
25	13.0	21.2	16.8	96.0	18.808	16.5	6.0	2.5	8.5	1.6
26	13.6	24.5	18.9	88.1	19.368	17.0	0.0	0.0	0.0	5.2
27	15.2	21.5	18.2	92.9	19.465	17.1	0.9	8.3	9.2	1.2
28	14.1	23.3	16.7	92.8	18.145	15.9	6.2	0.6	6.8	3.7
29	14.1	24.2	17.6	86.5	18.022	15.8	1.9	32.1	34.0	2.0
30	13.0	21.1	16.8	90.5	17.284	15.2	1.2	11.1	12.3	1.6
31	13.6	23.5	18.6	87.3	18.743	16.4	1.8	20.3	22.1	3.4
PROM.	13.6	22.6	17.8	84.7	17.410	15.2	126.1	174.6	300.7	94.4

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	22.6	16.0	91.9	16.970	14.9	1.3	14.1	15.4	4.8
2	13.5	25.2	19.0	77.0	17.048	15.0	0.0	0.0	0.0	2.9
3	13.2	27.4	20.0	78.3	18.597	16.3	0.0	0.0	0.0	10.2
4	14.0	26.3	19.4	80.3	18.344	16.1	3.1	0.0	3.1	5.5
5	14.2	26.2	19.8	77.6	18.003	15.8	0.0	31.4	31.4	3.8
6	14.3	26.7	18.5	81.7	17.484	15.4	21.3	34.2	55.5	5.8
7	14.5	21.0	17.9	86.4	17.794	15.6	13.1	7.4	20.5	0.6
8	14.8	19.2	16.5	93.4	17.908	15.7	51.1	13.9	65.0	0.4
9	13.4	19.3	16.0	94.1	17.292	15.2	10.6	0.0	10.6	0.6
10	13.0	24.5	19.0	77.2	17.251	15.1	4.6	27.9	32.5	6.4
11	14.6	21.0	17.2	87.6	17.317	15.2	1.2	0.2	1.4	1.1
12	15.2	21.3	17.4	94.0	18.837	16.6	10.1	0.9	11.0	1.1
13	14.9	22.5	17.3	88.2	17.678	15.5	0.5	0.0	0.5	1.8
14	13.0	22.6	18.5	82.4	17.634	15.5	0.7	0.0	0.7	4.3
15	14.2	24.0	17.7	83.2	17.019	14.9	10.5	0.8	11.3	3.5
16	13.4	21.5	16.5	85.7	16.536	14.5	4.6	3.8	8.4	2.0
17	13.2	23.5	18.5	83.2	17.383	15.3	0.0	0.0	0.0	5.4
18	14.7	19.1	15.3	91.5	16.035	14.1	16.5	0.0	16.5	0.0
19	12.4	24.4	18.6	73.4	15.539	13.5	0.0	0.0	0.0	8.5
20	13.1	22.1	18.3	80.4	16.591	14.6	38.0	0.0	38.0	3.5
21	13.6	25.0	19.2	74.2	16.041	14.0	0.0	0.0	0.0	0.0
22	12.5	24.6	17.9	85.7	18.180	15.9	4.2	0.0	4.2	3.0
23	13.5	22.6	17.6	85.1	17.143	15.0	1.9	0.0	1.9	1.1
24	13.5	22.5	18.6	82.8	17.602	15.4	0.1	3.4	3.5	0.0
25	12.6	22.6	18.8	76.5	16.379	14.3	4.8	0.0	4.8	3.7
26	13.4	24.1	19.4	76.5	16.814	14.7	0.9	0.0	0.9	6.7
27	14.6	24.1	20.1	74.4	16.699	14.6	0.0	0.0	0.0	2.2
28	14.3	24.2	18.2	85.8	17.846	15.7	0.0	0.0	0.0	3.7
29	15.0	20.0	17.4	93.8	19.033	16.7	8.3	7.9	16.2	2.9
30	13.6	23.0	17.8	83.1	17.198	15.1	2.2	0.0	2.2	1.6
PROM.	13.8	23.1	18.1	83.5	17.340	15.2	209.6	145.9	355.5	97.1

ESTACION: EL JAZMIN
 ALTITUD: 1.600

MUNICIPIO: STA. ROSA DEAND
 LATITUD: 4-55 N. LONGITUD: 75-38 W. 1.961

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	13.4	23.2	17.6	84.1	17.068	15.0	1.1	31.9	33.0	2.7
2	13.2	24.5	18.8	80.8	17.437	15.3	1.1	0.0	1.1	8.1
3	15.2	23.0	17.1	90.0	17.786	15.7	1.7	0.0	1.7	3.8
4	14.1	21.5	18.3	86.3	17.988	15.8	0.7	33.7	34.4	2.6
5	14.1	25.0	16.4	85.7	16.345	14.3	53.2	1.4	54.6	7.1
6	14.0	23.6	19.1	85.4	18.442	16.2	0.0	0.0	0.0	5.1
7	14.3	27.2	20.4	79.0	19.352	16.9	0.4	0.0	0.4	7.0
8	15.2	25.0	20.3	86.5	20.376	17.7	0.0	0.0	0.0	7.1
9	16.2	22.8	19.0	93.6	20.223	17.7	4.5	16.4	20.9	2.0
10	16.0	21.8	18.1	93.3	19.438	17.0	10.9	30.0	40.9	1.1
11	14.8	23.6	18.9	85.3	18.108	15.9	0.7	0.0	0.7	4.7
12	16.0	25.3	20.0	83.6	19.387	17.0	0.3	0.0	0.3	0.0
13	15.0	25.4	19.8	82.4	18.711	16.4	0.0	0.0	0.0	3.2
14	15.6	25.6	19.9	77.3	17.561	15.4	0.3	0.0	0.3	3.6
15	16.4	26.5	20.3	79.7	18.741	16.5	0.0	0.0	0.0	5.3
16	15.8	25.2	18.7	87.7	19.106	16.8	19.7	18.5	38.2	2.2
17	14.5	20.6	15.8	95.9	17.263	15.2	5.7	0.1	5.8	0.7
18	13.2	25.0	19.7	76.9	17.074	14.9	0.7	0.0	0.7	6.9
19	14.4	27.3	22.3	72.0	17.815	15.6	0.0	0.0	0.0	6.9
20	15.1	22.8	16.8	91.4	18.123	15.8	6.7	0.0	6.7	2.1
21	14.3	23.6	18.5	78.6	16.625	14.5	0.0	0.0	0.0	3.3
22	14.0	26.8	20.0	77.7	18.171	15.9	0.0	4.8	4.8	9.4
23	15.2	27.2	20.6	77.5	18.772	16.5	0.0	0.0	0.0	8.5
24	14.5	27.2	20.9	69.7	16.817	14.7	0.0	0.0	0.0	10.2
25	14.1	27.1	21.4	69.2	17.019	14.9	0.0	0.0	0.0	8.3
26	14.0	27.4	21.3	67.3	16.381	14.3	0.0	0.0	0.0	9.5
27	14.0	27.2	20.9	70.8	17.293	15.2	0.0	0.0	0.0	8.3
28	14.5	25.8	20.3	75.3	17.742	15.6	0.0	0.0	0.0	6.1
29	14.2	26.9	21.1	70.8	17.600	15.3	0.0	0.0	0.0	8.0
30	15.2	27.8	22.1	70.1	18.183	15.9	0.0	0.0	0.0	9.9
31	16.0	27.6	21.6	73.9	18.762	16.5	0.0	0.0	0.0	8.4
PROM.	14.7	25.1	19.5	80.6	18.055	15.8	107.7	136.8	244.5	172.1

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	14.6	27.4	22.8	72.8	18.966	16.6	0.0	0.0	0.0	8.9
2	16.3	26.8	20.8	74.7	18.128	15.9	0.0	0.0	0.0	4.4
3	16.0	26.0	19.9	82.3	19.292	16.9	0.0	0.0	0.0	1.4
4	14.2	27.8	21.3	77.5	19.187	16.8	0.2	0.0	0.2	8.9
5	16.4	27.2	21.3	78.4	19.905	17.4	0.0	7.3	7.3	5.9
6	16.2	26.8	20.8	81.4	20.011	17.5	0.0	0.0	0.0	4.0
7	16.0	24.3	18.7	85.1	18.802	16.5	1.9	0.0	1.9	2.2
8	14.1	26.0	20.2	73.1	17.067	15.0	0.0	1.4	1.4	3.2
9	14.8	25.0	19.0	83.6	18.425	16.2	0.7	0.0	0.7	3.9
10	13.3	26.2	20.1	71.3	16.619	14.5	0.0	0.0	0.0	6.4
11	15.5	24.8	19.5	83.5	18.865	16.5	0.0	2.8	2.8	2.9
12	15.6	22.4	18.7	89.2	19.329	17.0	3.2	0.6	3.8	0.2
13	14.3	24.0	19.3	83.0	18.284	16.1	0.5	0.0	0.5	5.0
14	15.5	25.7	20.6	83.5	19.631	17.2	0.0	0.0	0.0	5.7
15	13.6	25.6	22.0	71.1	18.158	15.8	0.0	0.0	0.0	7.1
16	14.5	25.6	21.9	72.9	18.065	15.8	1.1	5.4	6.5	7.8
17	16.5	22.5	18.9	86.4	19.011	16.7	0.7	0.0	0.7	1.0
18	15.0	25.0	19.7	78.9	18.068	15.9	0.0	0.0	0.0	4.6
19	15.3	25.9	20.2	67.8	15.148	12.6	0.0	0.0	0.0	6.8
20	15.0	25.8	20.5	77.8	18.696	16.3	0.0	1.3	1.3	6.4
21	15.0	23.2	19.1	85.0	18.483	16.2	3.6	0.7	4.3	2.7
22	15.0	24.9	19.5	83.7	18.732	16.4	0.1	0.6	0.7	2.9
23	14.6	21.7	18.5	92.3	19.461	17.0	1.6	0.0	1.6	0.4
24	14.0	23.2	17.3	88.2	17.397	15.3	1.0	5.1	6.1	4.0
25	14.2	23.7	18.8	89.2	19.224	16.9	3.7	0.0	3.7	4.0
26	14.3	24.8	20.0	88.8	20.446	17.8	0.0	0.0	0.0	4.1
27	15.2	27.8	20.8	82.7	20.088	17.4	0.0	0.0	0.0	6.8
28	14.2	26.3	19.9	84.7	19.622	17.1	0.0	0.0	0.0	7.4
29	16.0	24.2	19.1	87.7	19.311	16.9	3.3	1.0	4.3	3.5
30	14.3	22.8	17.1	90.2	17.405	15.3	0.0	0.9	0.9	2.6
31	14.5	23.3	19.1	91.4	19.860	17.3	0.0	18.7	18.7	1.2
PROM	15.0	25.1	19.9	81.9	18.700	16.3	21.6	45.8	67.4	136.3

ESTACION: EL JAZMIN
 ALTITUD: 1.600

MUNICIPIO: STA. ROSA DEAND
 LATITUD: 4-55 N. LONGITUD: 75-38 N. 1.961

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	13.4	23.3	17.0	89.3	17.077	15.0	21.0	2.5	23.5	0.6
2	13.2	23.7	19.1	89.1	19.252	16.8	0.0	0.0	0.0	3.2
3	13.0	22.7	17.3	88.1	17.019	14.9	1.8	0.4	2.2	2.9
4	14.2	23.3	19.6	92.0	20.479	17.8	18.6	0.0	18.6	4.1
5	14.1	24.0	20.7	82.2	18.770	16.3	0.2	0.3	0.5	3.9
6	15.0	23.6	19.0	81.9	17.444	15.3	0.0	0.7	0.7	4.7
7	14.5	24.7	18.5	83.5	17.615	15.5	0.0	0.0	0.0	3.7
8	14.0	23.2	19.0	92.2	20.092	17.5	0.1	46.7	46.8	4.3
9	14.1	24.7	20.3	80.3	18.340	16.1	0.0	1.9	1.9	6.1
10	15.5	24.6	18.9	83.9	17.915	15.6	0.0	0.8	20.1	5.2
11	14.2	22.2	17.6	90.2	18.250	16.0	8.6	0.0	8.6	2.3
12	13.0	25.3	19.1	76.3	16.675	14.4	0.0	2.5	2.5	6.0
13	13.9	24.0	19.1	80.8	17.389	15.3	0.0	0.0	0.0	3.8
14	14.2	25.3	19.1	79.8	17.677	15.5	12.7	1.0	13.7	4.5
15	13.5	25.0	18.9	80.3	17.214	15.1	0.0	0.0	0.0	2.9
16	15.0	26.6	19.1	82.5	18.079	15.9	0.5	0.0	0.5	3.9
17	13.0	26.4	20.1	74.8	17.459	15.3	0.3	0.0	0.3	7.4
18	14.0	27.0	18.1	73.7	16.149	13.8	0.1	0.0	0.1	9.8
19	16.3	21.6	17.1	88.4	17.463	15.4	6.0	0.0	6.0	6.0
20	13.0	25.3	18.9	78.4	17.176	15.0	0.0	0.0	0.0	4.8
21	15.2	26.2	20.1	79.8	18.915	16.6	1.0	0.0	1.0	5.0
22	13.2	26.5	20.2	77.6	18.336	16.0	0.2	0.0	0.2	7.3
23	14.2	27.8	21.0	67.4	16.667	14.6	0.0	0.0	0.0	6.0
24	15.0	28.3	21.6	73.6	18.891	16.5	0.0	6.6	6.6	8.1
25	16.0	27.1	21.2	76.5	19.011	16.7	0.0	0.0	0.0	3.8
26	15.3	25.7	21.2	78.9	19.302	16.9	0.0	0.0	0.0	3.6
27	15.2	27.0	19.3	76.3	17.080	15.0	0.1	0.0	0.1	5.5
28	15.0	27.3	21.1	74.9	18.401	16.1	0.3	0.2	0.5	8.9
29	15.0	26.6	19.0	85.6	18.403	16.1	5.3	0.4	5.7	6.0
30	16.0	25.8	20.5	79.6	19.161	16.8	0.0	17.0	17.0	6.0
PROM.	14.4	25.2	19.4	81.3	18.057	15.8	77.6	100.3	177.9	

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	24.2	19.1	85.1	18.751	16.5	3.5	0.0	3.5	1.7
2	16.0	26.0	21.4	75.3	18.826	16.6	0.1	1.3	1.4	3.4
3	15.3	22.0	18.9	90.0	19.587	17.1	18.7	0.1	18.8	1.6
4	15.0	24.2	18.2	84.6	17.979	15.8	3.6	0.0	3.6	3.6
5	14.8	26.0	19.3	80.8	18.192	16.0	0.0	0.0	0.0	6.4
6	15.5	26.4	19.1	83.4	19.054	16.7	26.8	0.0	26.8	5.1
7	15.0	25.3	20.5	83.2	20.018	17.5	0.0	32.8	32.8	5.7
8	14.8	20.0	17.4	91.3	18.377	16.1	4.3	3.8	8.1	2.2
9	15.5	22.0	18.8	93.2	20.346	17.7	1.9	2.0	3.9	1.9
10	16.0	20.3	18.1	86.7	18.122	15.9	0.4	8.3	8.7	0.5
11	14.4	23.0	17.9	84.7	17.307	15.2	0.0	0.0	0.0	1.5
12	15.2	22.2	17.5	91.6	18.651	16.4	28.0	0.0	28.0	5.0
13	14.3	25.0	18.3	83.5	17.919	15.7	38.0	0.8	38.8	0.8
14	14.0	25.3	19.4	75.4	17.261	15.1	9.2	0.4	9.6	4.8
15	14.7	23.2	18.0	91.2	19.038	16.7	1.8	0.0	1.8	2.4
16	14.8	23.2	18.1	86.0	17.963	15.7	2.9	0.0	2.9	0.5
17	15.5	26.0	19.6	83.5	19.049	16.6	0.8	30.3	31.1	3.7
18	15.6	24.6	18.4	85.4	18.527	16.3	4.9	0.6	5.5	4.0
19	16.0	25.2	20.3	86.2	20.170	17.6	0.1	0.5	0.6	3.6
20	15.0	25.4	19.7	78.2	18.070	15.9	0.2	0.0	0.2	4.7
21	15.1	25.6	19.7	79.8	18.283	16.0	0.0	46.0	46.0	4.9
22	16.0	20.2	17.3	94.0	18.594	16.3	20.0	0.0	20.0	1.0
23	14.2	20.2	17.3	92.4	18.297	16.1	19.0	0.0	19.0	0.8
24	14.7	23.3	18.4	88.7	18.728	16.4	0.4	0.0	0.4	0.0
25	13.7	25.1	18.0	84.8	17.832	15.6	0.2	0.0	0.2	5.7
26	15.0	23.0	18.1	87.3	18.332	16.1	24.0	0.0	24.0	0.9
27	13.5	22.0	17.4	89.5	18.065	15.8	10.0	0.0	10.0	1.8
28	15.1	22.2	18.0	89.4	18.590	16.3	3.1	0.0	3.1	1.7
29	14.7	26.2	19.0	86.3	19.020	16.7	0.0	52.0	52.0	5.0
30	14.5	21.0	17.7	88.3	17.850	15.7	1.1	0.0	1.1	0.0
31	13.1	26.4	19.0	80.4	17.932	15.8	3.4	2.2	5.6	2.9
PROM.	14.9	23.7	18.6	85.8	18.540	16.3	226.4	181.1	407.5	87.8

ESTACION: EL JAZMIN
 ALTITUD: 1.600

MUNICIPIO: STA. ROSA DEARO. 1.961
 LATITUD: 4-55 N. LONGITUD: 75-38 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.2	21.4	17.6	86.2	17.752	15.6	0.0	0.0	0.0	1.4
2	13.2	25.0	19.1	80.2	17.741	15.6	0.0	0.0	0.0	5.6
3	14.3	27.0	20.6	76.9	18.509	16.2	0.0	0.0	0.0	8.0
4	15.8	23.8	19.1	80.8	18.094	15.9	0.0	0.7	0.7	3.2
5	15.1	25.3	19.6	80.0	18.186	16.0	0.0	0.0	0.0	9.0
6	15.2	25.7	20.6	79.3	19.252	16.9	0.0	8.3	8.3	0.8
7	15.1	24.3	18.8	86.7	19.041	16.7	0.0	0.0	0.0	4.2
8	15.3	24.3	18.7	87.5	18.913	16.6	0.0	14.0	14.0	3.4
9	14.5	25.6	18.8	85.5	18.655	16.4	0.0	0.0	0.0	5.3
10	14.5	23.6	18.6	82.0	17.854	15.7	2.7	1.2	3.9	6.0
11	15.1	26.0	19.5	85.4	19.550	17.1	0.9	33.0	33.9	2.9
12	15.2	25.2	19.2	85.4	19.424	17.0	3.7	3.2	6.9	4.6
13	15.3	23.2	19.0	88.0	19.303	16.9	2.5	1.3	3.8	1.9
14	16.1	21.2	17.9	90.7	18.693	16.4	19.8	0.0	19.8	0.1
15	14.4	24.5	19.1	83.6	18.576	16.3	0.0	8.5	8.5	2.5
16	16.8	22.3	18.6	87.5	18.790	16.4	4.3	0.0	4.3	2.9
17	15.2	25.4	20.0	80.5	18.721	16.4	0.0	0.0	0.0	5.4
18	15.3	25.6	18.5	83.1	18.191	16.0	22.0	0.0	22.0	2.8
19	14.4	24.6	18.8	89.0	19.523	17.1	0.0	14.3	14.3	4.9
20	15.3	22.4	18.0	93.8	19.822	17.3	16.5	0.2	16.7	1.5
21	14.0	23.0	17.1	80.2	15.407	13.2	12.1	0.0	12.1	2.4
22	14.4	24.0	18.0	89.5	18.624	16.4	0.0	0.0	0.0	2.2
23	15.3	25.3	19.0	87.3	19.271	16.9	40.6	13.9	54.5	4.0
24	15.0	25.0	19.7	89.4	20.244	17.7	0.0	0.0	0.0	2.7
25	15.6	21.3	17.7	92.8	19.058	16.7	0.0	0.0	0.0	1.6
26	14.5	26.4	20.6	79.7	19.374	16.9	0.0	0.0	0.0	7.0
27	15.4	23.6	19.0	86.8	19.272	16.9	0.8	3.2	4.0	3.0
28	16.0	22.3	17.9	87.3	18.050	15.9	0.3	60.4	60.7	4.9
29	15.5	22.0	18.5	91.1	19.520	17.1	6.1	2.6	8.7	0.2
30	15.5	24.3	19.3	88.2	19.878	17.4	0.0	0.0	0.0	5.3
PROM.	15.1	24.1	18.9	85.5	18.776	16.5	132.3	164.8	297.1	109.7

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	15.3	25.4	18.9	88.7	19.485	17.1	0.0	0.8	0.8	3.2
2	16.3	24.4	19.8	86.9	19.938	17.4	0.0	0.0	0.0	3.6
3	15.0	25.4	20.2	82.6	19.530	17.1	0.0	0.0	0.0	5.0
4	16.0	25.5	20.1	84.9	20.386	17.7	0.0	0.0	0.0	4.7
5	15.4	25.5	18.5	86.0	18.720	16.4	14.8	48.3	63.1	3.0
6	14.4	21.6	18.3	91.2	19.519	17.1	0.0	0.0	0.0	2.5
7	15.6	23.4	18.6	88.9	19.452	17.1	0.2	0.0	0.2	3.6
8	14.8	25.6	20.5	85.5	20.437	17.8	0.0	0.0	0.0	3.9
9	17.1	23.1	19.1	89.6	20.134	17.6	1.9	0.0	1.9	2.7
10	15.3	21.0	18.2	95.8	20.140	17.6	0.0	0.0	0.0	
11	14.5	22.5	17.8	90.9	19.193	16.8	0.0	0.0	0.0	
12	14.0	25.4	19.3	88.2	19.773	17.2	0.0	3.0	3.0	6.4
13	15.3	25.6	19.8	88.1	20.399	17.8	0.0	0.5	0.5	4.5
14	17.0	25.4	20.0	88.0	20.978	18.2	0.3	1.8	2.1	2.4
15	16.2	25.0	20.5	87.9	21.096	18.4	0.0	0.0	0.0	4.7
16	15.2	26.5	20.4	84.9	20.288	17.7	0.0	0.0	0.0	6.5
17	15.4	26.0	20.4	85.3	20.336	17.7	0.0	0.0	0.0	6.1
18	16.2	25.5	18.8	90.3	20.211	17.6	9.1	0.0	9.1	4.3
19	14.5	25.0	19.6	89.2	20.163	17.5	0.0	2.1	2.1	3.7
20	16.5	24.5	19.5	90.3	20.519	17.9	1.8	0.0	1.8	1.9
21	16.0	22.0	17.5	92.1	18.837	16.5	0.0	2.8	2.8	1.2
22	15.0	22.5	18.6	88.5	18.995	16.7	10.1	0.0	10.1	2.5
23	15.0	25.0	20.1	85.7	20.029	17.5	0.0	0.0	0.0	4.7
24	16.0	26.0	20.7	88.4	19.611	17.2	0.0	0.0	0.0	5.4
25	16.0	25.3	20.4	83.7	20.063	17.5	1.0	2.3	3.3	1.5
26	15.3	25.6	19.8	88.5	20.258	17.7	0.0	0.0	0.0	2.3
27	15.0	25.1	20.1	87.9	20.537	17.9	0.0	0.0	0.0	2.3
28	16.3	26.0	21.6	80.7	20.421	17.8	0.0	0.0	0.0	3.9
29	16.7	18.0	17.5	96.3	19.312	16.9	0.4	0.0	0.4	0.0
30	13.6	24.7	18.9	81.9	17.723	15.5	0.0	26.3	26.3	5.6
31	14.0	23.6	18.5	88.2	18.678	16.4	0.0	25.9	25.9	3.3
PROM.	15.4	24.4	19.4	87.6	19.844	17.3	39.6	113.8	153.4	

ESTACION: EL JAZMIN

MUNICIPIO STA. ROSA DE C.

AÑO: 1.981

ALTITUD: 1.600

LATITUD: 4-55 N.

LONGITUD: 75-38 W.

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 Huevas	
ENERO	14.5	26.0	19.6	12.3	29.0	77.9	17.507	15.3	54.1	4	
FEBRERO	15.7	25.5	20.0	13.5	29.7	82.0	18.938	16.6	137.7	19	125.4
MARZO	15.7	25.3	20.2	14.4	30.0	82.6	19.361	16.9	260.2	16	
ABRIL	14.0	23.9	18.3	11.2	27.2	80.5	17.034	14.9	284.2	25	89.9
MAYO	13.6	22.6	17.8	12.0	28.0	84.7	17.410	15.2	300.7	26	94.4
JUNIO	13.8	23.1	18.1	12.4	27.4	83.5	17.340	15.2	355.5	23	97.1
JULIO	14.7	25.1	19.5	13.2	27.8	80.6	18.055	15.8	244.5	16	172.1
AGOSTO	15.0	25.1	19.9	13.3	27.8	81.9	18.700	16.3	67.4	19	136.3
SEPTIEMBRE	14.4	25.2	19.4	13.0	28.3	81.3	18.057	15.8	177.9	22	
OCTUBRE	14.9	23.7	18.6	13.1	26.4	85.8	18.540	16.3	407.5	29	87.8
NOVIEMBRE	15.1	24.1	18.9	13.2	27.0	85.5	18.776	16.5	297.1	18	109.7
DICIEMBRE	15.4	24.4	19.4	13.6	26.5	87.6	19.844	17.3	153.4	16	
PROMEDIO	14.7	24.5	19.1	12.9	27.9	82.8	18.297	16.0			
TOTAL									2740.2	233	

ESTACION: EL CEDRAL

MUNICIPIO: PEREIRA

AÑO: 1.981

ALTITUD: 2.120

LATITUD: 4-47 N.

LONGITUD: 75-32 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	12.1	18.3	16.1	86.8	15.827	13.8	0.8	0.0	0.8	3.8
2	12.0	21.1	15.2	85.8	15.009	13.0	20.7	0.0	20.7	4.5
3	11.3	22.2	17.0	74.6	13.945	11.7	0.3	0.0	0.3	6.2
4	11.0	20.8	15.8	84.5	15.175	13.2	0.0	0.0	0.0	3.3
5	11.5	21.0	17.1	92.4	18.194	15.6	0.0	0.0	0.0	4.7
6	13.0	21.0	17.2	96.8	19.223	16.7	0.0	0.0	0.0	2.2
7	12.6	21.0	16.7	98.1	18.564	16.2	10.2	0.0	10.2	1.8
8	13.0	21.0	17.2	79.3	15.387	13.3	1.2	0.0	1.2	1.9
9	13.3	21.0	17.6	71.0	14.226	12.1	6.5	0.0	6.5	1.2
10	12.0	21.7	17.3	73.0	14.709	11.9	7.1	0.0	7.1	5.0
11	15.0	21.0	17.4	72.8	14.644	12.2	0.0	0.0	0.0	0.8
12	13.0	22.0	17.2	79.1	15.713	13.3	0.0	0.0	0.0	3.6
13	12.5	22.0	17.6	76.3	15.468	12.9	0.0	0.0	0.0	3.5
14	12.0	22.5	17.5	85.9	16.735	14.5	0.0	0.0	0.0	4.3
15	12.6	22.5	17.6	84.4	16.728	14.6	0.0	0.0	0.0	5.1
16	12.3	22.0	17.0	88.5	16.951	14.9	0.0	0.0	0.0	4.9
17	12.3	22.0	17.8	85.6	17.046	14.9	0.0	0.0	0.0	6.6
18	12.3	23.0	18.3	83.0	17.085	14.8	0.0	0.0	0.0	6.0
19	12.1	23.3	17.8	79.1	15.891	13.7	0.0	0.0	0.0	9.0
20	12.0	22.2	17.0	81.8	15.639	13.6	0.0	0.0	0.0	6.8
21	12.0	22.0	17.2	81.2	15.869	13.7	0.0	0.0	0.0	5.5
22	12.0	22.0	16.6	86.1	16.155	14.0	0.0	0.0	0.0	5.0
23	12.0	22.2	17.5	82.7	16.377	14.2	0.0	0.0	0.0	5.7
24	17.3	21.0	18.2	88.6	18.685	16.4	0.0	0.0	0.0	4.4
25	11.0	22.2	17.0	88.5	16.907	14.7	16.9	0.0	16.9	5.1
26	11.5	22.3	17.3	90.7	17.702	15.5	6.9	0.0	6.9	5.3
27	12.3	23.0	16.9	84.9	16.668	14.4	0.0	0.0	0.0	4.6
28	11.6	21.4	16.7	92.1	17.250	15.1	0.0	0.0	0.0	4.2
29	12.6	20.8	16.6	88.5	16.520	14.4	0.0	0.0	0.0	1.2
30	13.0	21.4	16.5	86.5	16.236	14.1	10.5	0.1	10.6	3.4
31	13.0	20.3	16.2	95.2	17.450	15.2	13.1	0.9	14.0	1.6
PROM.	12.5	21.6	17.1	84.6	16.386	14.1	94.2	1.0	95.2	131.2

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	13.1	20.6	16.1	89.9	16.485	14.5	8.1	0.0	8.1	0.4
2	12.5	22.2	17.1	90.8	17.575	15.4	1.7	0.0	1.7	3.5
3	12.6	22.1	16.1	93.1	17.089	14.9	13.4	0.0	13.4	2.5
4	13.0	21.1	14.9	93.9	16.178	14.2	8.0	0.0	8.0	1.6
5	10.7	19.5	14.6	86.0	14.341	12.3	1.4	0.0	1.4	1.8
6	10.7	19.1	15.6	84.1	14.591	12.4	0.8	0.0	0.8	3.2
7	11.3	18.3	14.7	93.1	15.624	13.5	0.5	10.4	11.2	2.1
8	10.6	18.6	14.9	88.8	14.577	12.9	0.4	0.1	0.6	2.2
9	11.3	19.8	13.9	90.5	14.394	12.3	0.5	0.0	0.4	3.3
10	10.0	20.0	15.6	84.6	14.707	12.6	20.3	0.2	20.5	4.7
11	10.4	21.0	15.2	82.5	14.238	12.0	0.0	0.0	0.0	3.2
12	10.4	17.3	14.1	94.7	15.096	13.1	10.6	6.5	17.1	0.7
13	12.7	19.0	15.3	88.1	15.139	13.1	0.4	3.2	3.6	3.1
14	12.6	17.3	14.4	96.1	15.550	14.0	1.4	3.4	4.8	1.0
15	10.3	19.3	15.7	86.4	15.316	13.2	21.3	0.0	21.3	4.3
16	12.0	20.0	14.3	84.8	14.139	12.1	0.0	6.0	6.0	2.6
17	10.4	18.4	14.9	86.1	14.382	12.3	36.3	0.0	36.3	1.9
18	11.4	19.0	15.7	88.2	15.511	13.5	0.0	0.0	0.0	1.9
19	10.3	19.2	14.5	87.3	14.785	12.7	0.0	1.9	1.9	3.4
20	10.4	17.4	13.4	88.5	13.740	11.6	46.5	1.3	47.8	1.0
21	10.2	18.6	14.8	88.6	14.828	12.7	10.9	0.0	10.9	1.3
22	11.0	19.1	15.3	88.0	15.361	13.3	2.1	0.5	2.6	2.1
23	12.6	19.1	14.4	91.5	15.082	13.0	8.6	0.7	9.3	1.6
24	12.3	18.8	15.5	90.8	15.926	13.9	56.4	0.0	56.4	3.6
25	10.7	19.4	14.9	87.1	14.784	12.7	3.6	0.0	3.6	2.2
26	12.1	22.2	17.0	84.3	15.987	14.0	0.3	0.0	0.3	5.2
27	12.3	20.7	16.5	79.2	14.834	12.8	0.0	0.0	0.0	5.0
28	12.0	22.0	16.6	74.7	13.826	11.6	0.0	0.0	0.0	6.4
PROM	11.5	19.6	15.2	87.9	15.174	13.1	253.0	34.2	287.2	79.4

ESTACION: EL CEDRAL
 ALTITUD: 2.120

MUNICIPIO: PEREIRA
 LATITUD: 4-47 N.

AÑO: 1.941
 LONGITUD: 75-32 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.4	22.1	17.5	80.3	15.853	13.2	0.0	0.0	0.0	6.5
2	12.4	22.0	16.2	87.8	16.510	14.5	6.5	0.0	6.5	2.8
3	11.4	19.0	15.4	88.8	15.296	13.3	12.5	0.0	12.5	2.1
4	10.4	20.1	15.4	88.7	15.423	13.3	0.0	0.0	0.0	3.5
5	11.4	19.1	15.5	93.1	16.377	14.3	45.5	0.0	45.5	0.9
6	12.1	18.2	15.4	93.7	16.287	14.3	0.0	2.0	2.0	0.4
7	12.1	20.1	15.8	89.1	16.071	14.1	6.3	0.0	6.3	1.6
8	13.0	16.7	15.7	94.3	16.700	14.7	0.0	8.0	8.0	0.0
9	12.0	19.0	15.7	94.5	16.980	14.9	0.0	12.1	12.1	0.1
10	13.4	18.1	15.5	92.6	16.295	14.3	2.2	0.0	2.2	0.0
11	11.4	18.3	15.2	92.5	15.849	13.6	3.4	0.0	3.4	0.1
12	11.1	19.1	14.4	94.3	15.528	13.4	6.7	0.8	7.5	1.0
13	10.1	19.0	15.0	88.3	14.874	12.9	0.5	0.0	0.5	1.3
14	12.0	19.0	14.9	87.4	14.733	12.7	2.2	0.3	2.5	0.4
15	11.6	17.6	14.8	93.9	15.625	13.6	1.9	8.0	9.9	0.0
16	13.1	20.0	15.8	86.1	15.540	13.6	0.0	0.0	0.0	0.0
17	12.0	21.7	15.7	89.5	16.427	14.4	26.7	0.0	26.7	0.0
18	10.1	20.1	14.5	93.6	15.313	13.2	2.9	0.0	2.9	0.0
19	12.4	19.1	15.0	92.2	15.890	13.9	13.1	0.0	13.1	0.0
20	11.3	22.1	15.5	85.7	14.931	12.9	12.9	6.0	18.9	0.0
21	12.0	20.0	15.8	89.2	15.952	13.8	0.0	0.9	0.9	0.0
22	12.0	20.0	15.0	91.0	15.557	13.5	0.0	25.9	25.9	0.0
23	12.0	18.1	14.8	85.7	14.102	12.0	1.7	0.0	1.7	0.0
24	10.0	19.1	13.6	86.5	13.398	11.3	0.0	0.0	0.0	0.0
25	10.0	20.1	14.3	83.3	13.688	11.6	10.7	0.0	10.7	0.0
26	11.1	19.0	14.5	90.0	14.797	12.8	41.2	0.0	41.2	0.0
27	10.4	19.6	14.1	88.0	14.146	12.0	0.0	0.0	0.0	4.0
28	10.0	20.1	14.4	86.9	14.431	12.3	0.0	0.0	0.0	3.7
29	10.6	19.1	14.7	85.9	14.517	12.4	0.0	0.0	0.0	1.8
30	10.6	19.0	15.0	88.8	15.069	13.0	2.1	0.0	2.1	2.2
31	11.1	21.3	16.2	88.1	16.242	14.2	0.0	0.0	0.0	4.7
PROM.	11.5	19.5	15.2	89.3	15.436	13.4	199.0	64.0	263.0	37.1

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	10.3	20.4	15.1	77.8	13.146	11.0	0.0	0.0	0.0	5.2
2	11.0	20.0	14.6	89.8	15.006	12.9	1.0	0.0	1.0	1.6
3	10.4	19.0	15.2	84.3	14.661	12.5	11.3	0.0	11.3	1.9
4	11.8	20.3	15.4	78.9	13.791	11.7	26.4	1.2	27.6	2.3
5	13.3	17.3	14.4	93.3	15.359	13.4	24.2	2.7	26.9	0.0
6	11.0	20.6	14.7	80.6	13.416	11.1	29.6	0.0	29.6	3.5
7	11.3	19.1	14.4	92.5	15.244	13.2	18.6	0.0	18.6	0.8
8	12.3	19.1	15.1	97.5	16.649	14.6	7.5	1.0	8.5	0.7
9	11.4	18.6	15.2	87.8	15.371	13.4	0.9	0.0	0.9	0.8
10	11.6	20.3	16.1	89.2	16.364	14.3	0.0	0.0	0.0	4.6
11	12.4	20.2	16.6	93.6	17.588	15.4	4.9	0.0	4.9	1.2
12	13.3	19.0	15.5	93.4	16.815	14.8	4.0	0.0	4.0	0.9
13	12.0	18.8	15.1	90.9	15.588	13.6	2.3	1.6	3.9	1.5
14	12.1	19.1	14.7	92.9	15.668	13.6	18.0	0.3	18.3	0.6
15	12.3	20.3	15.5	82.7	14.539	12.5	12.2	0.0	12.2	1.4
16	12.0	18.0	15.0	85.4	14.627	12.7	9.8	0.0	9.8	0.3
17	11.0	20.1	14.3	90.5	15.220	13.0	3.3	5.1	8.4	0.0
18	11.6	19.0	15.0	94.6	16.136	14.1	6.9	36.8	43.7	0.0
19	13.1	16.0	13.6	92.7	14.602	12.6	12.8	0.0	12.8	0.0
20	12.0	20.6	15.8	81.5	14.787	12.6	0.0	0.0	0.0	0.0
21	10.1	21.0	14.8	88.5	14.982	12.9	62.1	0.2	62.3	0.0
22	12.1	18.1	14.8	91.9	15.497	13.5	7.9	0.1	8.0	0.0
23	10.5	19.0	15.2	93.5	16.195	14.1	4.3	18.3	22.6	1.4
24	11.3	18.0	14.4	91.0	15.055	13.0	1.2	0.0	1.2	1.4
25	10.3	21.2	16.1	84.0	15.218	13.1	0.0	0.0	0.0	5.0
26	12.0	20.0	14.7	92.5	15.386	13.4	5.1	0.0	5.1	1.8
27	12.4	18.1	14.3	90.9	14.801	12.8	21.2	2.4	23.6	0.0
28	12.4	19.4	15.8	89.0	16.031	14.0	11.3	18.5	29.8	1.4
29	13.0	20.0	15.6	89.5	15.870	13.9	1.6	3.6	5.2	1.1
30	11.2	19.4	13.5	92.3	14.106	12.1	20.5	4.9	25.4	1.4
PROM.	11.7	19.3	15.0	89.1	15.257	13.2	328.9	96.7	425.6	

ESTACION: EL CEDRAL

MUNICIPIO: PEREIRA

AÑO: 1.961

ALTITUD: 2.120

LATITUD: 4-47 N.

LONGITUD: 75-32 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.0	19.1	14.7	90.6	15.446	13.4	9.1	0.0	9.1	0.2
2	12.3	19.1	15.4	92.1	16.177	14.2	6.3	30.4	36.7	1.6
3	12.4	19.0	14.7	92.2	15.262	13.3	8.3	2.0	10.3	1.6
4	12.4	18.0	14.7	92.9	15.613	13.6	2.9	27.4	30.3	0.5
5	12.8	19.0	14.5	94.9	15.861	13.9	2.7	31.6	34.3	2.3
6	11.3	22.4	15.2	88.9	15.248	13.2	1.2	0.0	1.2	2.4
7	9.5	20.0	14.5	82.4	13.599	11.4	1.4	21.2	22.6	3.8
8	10.4	18.1	14.7	90.3	14.918	12.9	2.3	0.0	2.3	1.1
9	11.0	19.0	14.6	86.1	14.291	12.3	0.8	0.0	0.8	0.0
10	11.0	15.1	13.6	97.3	14.986	12.9	50.7	5.1	55.8	1.5
11	12.0	19.1	14.4	92.8	15.222	13.2	16.3	2.6	18.9	1.9
12	10.6	19.1	15.3	88.5	15.227	13.2	5.1	0.4	5.5	3.1
13	10.3	20.0	15.0	87.5	14.926	12.9	42.4	0.3	42.7	4.2
14	12.2	16.0	14.1	94.8	15.274	13.3	4.9	0.0	4.9	0.2
15	11.0	19.3	15.1	91.0	15.612	13.6	11.2	0.6	11.8	3.3
16	13.0	16.3	13.9	95.4	15.350	13.4	13.9	0.0	13.9	0.0
17	11.0	18.2	14.0	92.0	14.690	12.6	1.2	0.0	1.2	2.0
18	12.3	17.3	14.5	89.0	14.730	12.8	8.8	0.0	8.8	0.0
19	10.0	19.3	14.2	89.9	14.553	12.5	0.0	0.0	0.0	2.9
20	10.4	22.3	15.8	76.4	13.272	11.1	0.0	0.0	0.0	9.6
21	12.2	21.1	16.0	77.5	13.912	11.8	0.0	0.0	0.0	1.8
22	11.3	20.2	15.6	87.3	15.532	13.6	0.0	3.5	3.5	4.2
23	12.3	17.3	14.5	91.2	15.265	13.3	3.4	0.5	3.9	0.0
24	12.0	16.4	13.7	96.3	15.181	13.2	13.2	20.9	34.1	0.5
25	12.4	16.6	14.5	96.7	16.164	14.2	11.2	3.9	15.1	0.2
26	12.0	20.1	16.9	88.9	16.957	14.9	3.1	0.8	3.9	3.3
27	12.4	18.8	15.3	88.6	15.524	13.6	1.0	0.0	1.0	0.8
28	12.2	18.1	15.1	88.2	15.318	13.3	0.6	0.0	0.6	2.1
29	12.2	19.1	15.0	87.0	14.909	12.9	31.6	0.4	32.0	0.8
30	12.3	18.0	14.9	93.7	15.834	13.9	3.5	1.0	4.5	0.3
31	12.2	20.0	15.8	92.5	16.658	14.6	8.0	0.0	8.0	2.3
PROM.	11.7	18.8	14.8	90.1	15.210	13.2	265.1	152.6	417.7	58.5

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	11.0	18.1	14.0	95.3	15.271	13.3	36.6	11.5	48.1	2.7
2	10.6	19.5	14.8	83.0	14.003	11.9	3.6	0.0	3.6	2.5
3	10.2	20.4	15.2	82.1	14.312	12.2	31.9	0.0	31.9	5.1
4	10.3	20.7	15.7	82.5	14.630	12.5	0.0	0.0	0.0	5.7
5	11.0	19.0	14.6	89.5	14.912	12.9	8.9	0.0	8.9	1.4
6	11.0	20.1	15.5	84.3	14.707	12.7	0.0	0.0	0.0	2.8
7	12.1	18.1	14.4	96.0	15.886	13.8	17.3	0.0	17.3	0.0
8	12.3	19.1	15.5	96.2	17.032	14.9	3.8	5.3	9.1	0.2
9	12.2	17.0	14.9	95.5	16.051	14.1	0.0	0.0	0.0	0.1
10	11.0	19.3	14.9	81.0	13.440	11.3	0.0	0.0	0.0	1.7
11	12.0	20.1	14.6	93.7	15.841	13.8	12.0	0.0	12.0	1.7
12	12.0	18.3	15.0	96.4	16.370	14.4	24.2	0.4	24.6	0.4
13	12.0	18.3	14.9	89.5	15.398	13.2	0.0	0.3	0.3	1.4
14	11.6	19.1	15.9	90.9	16.356	14.3	0.0	4.0	4.0	1.9
15	12.0	19.4	13.5	94.3	14.785	12.7	0.0	0.0	0.0	0.6
16	10.0	18.4	13.4	94.0	14.779	12.7	3.0	12.0	15.0	1.5
17	10.6	19.6	13.8	95.7	15.278	13.2	0.0	0.0	0.0	3.8
18	10.8	17.4	13.1	93.7	14.331	12.3	12.9	0.0	12.9	0.0
19	10.0	19.7	15.0	92.7	15.513	13.4	1.0	0.1	1.1	3.9
20	12.6	19.5	15.6	89.4	15.844	13.9	3.2	0.4	3.6	1.8
21	11.8	21.0	14.6	84.5	14.345	12.3	12.8	0.0	12.8	1.9
22	10.0	20.3	13.2	94.1	14.057	12.0	45.7	0.3	46.0	2.1
23	12.3	18.8	15.1	86.6	14.865	12.8	0.1	0.0	0.1	0.8
24	12.2	20.0	16.5	84.8	15.576	14.0	0.0	0.0	0.0	2.5
25	12.2	20.0	15.2	82.9	14.098	12.0	0.0	0.0	0.0	2.6
26	12.0	19.9	15.3	83.2	14.615	12.6	0.6	0.0	0.6	3.1
27	12.6	19.6	16.0	89.5	16.213	14.2	0.0	0.0	0.0	1.6
28	11.6	20.3	16.0	87.4	15.998	14.0	0.0	0.0	0.0	1.0
29	12.2	16.1	14.4	94.5	15.571	13.6	13.5	13.5	27.0	0.0
30	12.7	19.1	14.5	92.9	15.393	13.4	11.6	1.7	13.3	1.9
PROM	11.5	19.2	14.8	89.9	15.196	13.1	242.7	49.5	292.2	56.7

ESTACION: EL CEDRAL

MUNICIPIO: PEREIRA

AÑO: 1.961

ALTITUD: 2.120

LATITUD: 4-47 N.

LONGITUD: 75-32 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	10.3	20.1	14.6	90.5	15.296	13.2	1.8	0.1	1.9	1.6
2	11.6	20.6	15.5	86.8	15.298	13.3	1.8	0.0	1.8	5.2
3	12.0	18.5	16.1	88.9	16.048	14.0	4.0	0.0	4.0	1.3
4	12.0	18.4	14.8	91.0	15.278	13.3	2.9	0.0	2.9	1.8
5	11.3	19.5	14.5	90.1	14.949	12.9	2.9	0.0	2.9	1.1
6	12.3	18.1	14.4	92.9	15.335	13.3	2.5	0.0	2.5	1.2
7	11.3	20.1	15.2	81.7	14.052	12.1	0.0	0.0	0.0	4.1
8	12.0	19.3	16.5	85.0	16.112	14.1	0.6	0.0	0.6	3.1
9	12.0	18.6	15.0	88.9	15.076	13.1	0.0	0.1	0.1	2.4
10	12.3	17.3	14.5	93.5	15.487	13.5	1.8	2.4	4.2	0.6
11	12.0	18.5	15.5	88.2	15.543	13.6	0.6	0.0	0.6	0.1
12	12.1	19.5	15.5	84.3	14.813	12.8	0.0	0.0	0.0	2.9
13	11.3	19.3	15.5	87.6	15.068	13.1	0.0	0.0	0.0	2.8
14	10.3	18.3	15.2	86.6	14.862	12.9	0.4	0.3	0.7	1.4
15	12.3	19.1	15.2	88.7	15.273	13.3	3.2	0.0	3.2	1.1
16	12.4	18.0	14.7	87.4	14.602	12.6	15.5	0.2	15.7	7.5
17	12.6	16.2	13.7	94.0	14.703	12.7	71.2	0.0	71.2	0.5
18	11.0	18.0	14.4	85.1	13.871	11.8	0.4	0.4	0.8	2.4
19	12.0	21.0	14.9	81.6	13.869	11.8	0.6	0.0	0.6	4.3
20	12.0	20.1	13.4	86.2	13.447	11.3	7.1	0.0	7.1	1.4
21	10.0	18.1	13.5	88.6	13.862	11.7	0.0	0.0	0.0	1.3
22	10.0	22.0	15.3	75.7	13.095	10.9	0.0	0.0	0.0	7.0
23	11.0	22.3	15.7	63.5	10.625	7.6	0.0	0.0	0.0	8.3
24	11.0	22.0	15.6	65.4	11.387	8.7	0.0	0.0	0.0	8.0
25	11.0	22.1	16.3	69.1	12.206	9.6	0.0	0.0	0.0	9.3
26	10.6	22.0	14.7	83.2	13.969	11.8	0.0	0.0	0.0	6.0
27	10.0	24.0	15.9	73.1	12.378	9.8	0.0	0.0	0.0	9.3
28	12.2	23.0	16.3	74.9	13.861	11.8	0.0	0.0	0.0	2.7
29	11.6	22.1	15.4	69.7	11.890	9.4	0.0	0.0	0.0	5.5
30	11.0	23.1	16.8	69.7	12.364	9.6	0.0	0.0	0.0	2.9
31	11.6	21.1	15.7	73.3	13.148	11.0	0.0	0.0	0.0	4.9
PROM.	11.5	20.0	15.2	82.8	14.122	12.0	117.3	3.5	120.8	112.0

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	11.4	22.3	16.3	73.0	12.910	10.5	0.0	0.0	0.0	
2	11.3	19.1	15.7	83.1	14.787	12.8	0.0	0.0	0.0	1.8
3	12.2	21.5	16.0	80.8	14.681	12.7	0.0	0.0	0.0	3.1
4	11.0	22.0	16.8	81.5	15.326	13.2	0.0	0.0	0.0	6.3
5	11.0	20.6	15.8	85.8	15.266	13.2	0.0	0.0	0.0	3.7
6	12.0	21.0	15.3	89.6	15.426	13.3	13.7	0.0	13.7	1.4
7	11.3	20.0	13.9	92.3	14.687	12.7	30.8	0.1	30.9	2.7
8	12.0	17.3	13.7	83.2	13.001	10.9	12.6	3.9	16.5	0.2
9	12.2	20.4	15.0	84.1	14.433	12.4	0.0	0.0	0.0	2.9
10	11.0	20.1	15.0	86.7	14.728	12.7	0.0	0.0	0.0	4.6
11	10.6	19.3	14.6	89.1	14.893	12.8	1.5	0.0	1.5	1.7
12	13.0	18.0	15.3	88.6	15.288	13.3	2.6	0.0	2.6	2.4
13	12.6	21.0	15.4	70.4	11.909	9.3	0.0	0.0	0.0	5.0
14	13.0	21.3	16.0	78.0	14.202	12.2	0.0	0.0	0.0	1.7
15	11.0	20.0	15.3	82.8	14.423	12.4	0.0	0.0	0.0	3.7
16	11.0	20.6	15.2	84.6	14.610	12.5	0.0	0.0	0.0	5.2
17	12.0	18.1	14.0	94.7	15.181	13.2	17.3	0.0	17.3	0.3
18	10.3	20.5	15.3	81.6	14.101	12.1	0.0	0.0	0.0	3.2
19	12.0	21.1	15.3	69.6	11.620	9.0	0.0	0.0	0.0	7.3
20	11.0	22.5	16.1	64.0	11.021	8.0	0.0	0.0	0.0	7.4
21	11.0	18.0	13.8	90.7	14.398	12.3	6.1	1.0	7.1	1.4
22	13.0	18.4	15.1	88.8	15.287	13.3	0.9	0.0	0.9	0.7
23	11.0	17.1	13.8	84.4	13.289	11.2	0.2	0.0	0.2	0.4
24	11.2	20.1	13.5	92.0	14.433	12.3	3.2	7.1	10.3	2.9
25	12.3	17.0	14.0	93.9	15.287	13.3	10.0	0.0	10.0	0.4
26	10.0	19.0	14.9	87.8	14.752	12.7	0.0	0.9	0.9	2.2
27	12.2	20.5	15.9	83.0	15.115	13.1	0.0	0.0	0.0	4.1
28	10.0	21.0	15.2	76.7	12.817	10.6	0.0	0.0	0.0	5.9
29	11.3	18.1	13.8	81.2	13.183	11.0	3.0	1.3	4.3	0.4
30	12.5	17.0	14.2	92.5	14.888	12.9	0.6	0.1	0.7	0.8
31	12.0	19.3	14.7	88.5	15.133	12.9	7.2	14.1	21.3	
PROM.	11.6	19.7	15.0	84.0	14.228	12.1	109.7	29.4	139.1	

ESTACION: EL CEDRAL

MUNICIPIO: PEREIRA

AÑO: 1.981

ALTITUD: 2.120

LATITUD: 4-47 N.

LONGITUD: 75-32 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	10.6	19.3	14.4	93.5	15.374	13.4	2.7	0.0	2.7	0.1
2	12.6	19.3	14.7	90.9	15.155	13.2	0.0	0.0	0.0	1.6
3	11.0	20.1	14.8	85.4	14.469	12.4	8.4	2.5	10.9	0.4
4	13.1	18.3	14.9	90.9	15.577	13.6	0.2	0.0	0.2	2.3
5	10.0	21.0	13.2	88.5	13.364	11.3	0.1	0.5	0.6	2.5
6	11.0	20.1	15.6	85.2	15.285	13.3	0.4	0.0	0.4	1.4
7	11.2	22.4	16.4	85.2	16.189	14.1	3.3	0.0	3.3	1.0
8	12.0	22.3	16.1	79.4	14.142	12.1	4.5	0.7	5.2	1.0
9	11.8	23.1	16.7	88.1	16.891	14.8	0.0	0.0	0.0	3.9
10	13.0	24.1	17.2	85.3	17.007	14.8	4.7	11.1	15.8	0.0
11	13.0	21.1	16.4	89.2	16.801	14.7	16.6	0.0	16.6	0.2
12	13.0	21.2	15.5	85.3	15.032	13.1	10.5	0.0	10.5	4.4
13	10.4	22.1	16.1	78.7	14.491	12.5	1.5	0.0	1.5	2.1
14	11.0	20.1	15.3	89.5	15.661	13.6	1.2	8.1	9.3	2.7
15	11.3	19.0	14.4	86.4	14.340	12.2	0.2	0.0	0.2	1.1
16	12.3	22.1	15.8	78.8	14.228	12.2	0.0	0.0	0.0	5.7
17	11.3	22.9	16.3	66.1	11.942	9.5	0.0	0.0	0.0	1.1
18	12.0	22.0	16.0	81.0	14.541	12.5	0.0	0.0	0.0	5.2
19	13.0	16.3	13.9	90.9	14.483	12.5	1.6	0.0	1.6	5.0
20	11.5	21.4	15.9	84.8	15.073	13.0	0.1	0.0	0.1	5.2
21	12.2	18.6	14.9	73.5	11.997	9.3	0.0	0.0	0.0	4.4
22	12.1	22.5	15.6	69.0	11.751	9.2	0.0	0.0	0.0	5.0
23	11.8	23.1	16.2	75.8	14.062	12.0	0.0	0.0	0.0	7.0
24	13.3	24.7	18.0	55.3	11.385	8.6	0.0	0.0	0.0	7.5
25	13.1	21.5	15.9	82.1	14.910	12.9	0.0	0.0	0.0	4.0
26	13.3	21.5	15.8	79.2	14.413	12.4	0.0	0.0	0.0	3.9
27	10.5	22.5	15.7	81.2	14.290	12.2	0.0	0.0	0.0	5.7
28	10.0	22.7	16.7	77.3	14.439	12.3	0.0	0.0	0.0	6.4
29	11.0	20.4	15.4	83.2	14.611	12.5	0.0	3.5	3.5	5.6
30	11.5	21.3	15.4	91.1	15.998	14.0	0.0	1.9	1.9	4.6
PROM.	11.8	21.2	15.6	82.4	14.597	12.5	56.0	28.3	84.3	101.0

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	12.8	21.5	15.7	86.7	15.548	13.6	0.0	0.0	0.0	0.2
2	12.0	20.5	15.8	83.5	14.808	12.8	1.1	0.0	1.1	2.3
3	11.0	18.3	13.9	89.5	14.389	12.3	1.3	0.3	1.6	0.4
4	11.0	20.5	14.5	85.7	14.490	12.5	10.0	0.0	10.0	1.7
5	12.0	21.5	16.6	82.3	15.305	13.2	0.0	8.5	8.5	4.9
6	11.4	20.0	14.2	83.2	13.919	11.8	13.3	0.2	13.5	3.8
7	12.3	19.8	14.6	89.0	14.625	12.6	31.1	0.0	31.1	3.8
8	10.4	18.4	13.8	90.6	14.365	12.4	13.8	0.1	13.9	1.3
9	12.1	18.4	14.4	93.5	15.170	13.2	4.0	4.0	8.0	1.4
10	12.0	17.8	14.1	92.8	15.166	13.1	12.9	4.5	17.4	0.4
11	12.2	18.4	14.0	90.9	14.802	12.8	6.6	0.0	6.6	0.4
12	11.6	18.0	14.1	79.5	12.726	10.4	10.1	0.0	10.1	0.3
13	10.0	19.5	13.3	94.4	14.500	12.4	12.8	0.2	13.0	3.4
14	10.3	20.4	14.4	83.3	13.855	11.7	39.7	2.7	42.4	3.1
15	11.4	17.9	14.3	83.6	13.719	11.6	3.6	0.0	3.6	0.0
16	12.2	20.1	15.5	86.8	15.525	13.5	0.0	0.0	0.0	2.2
17	11.1	19.1	15.0	88.6	15.161	13.1	2.0	0.5	2.5	0.0
18	12.0	20.1	14.8	88.6	15.033	13.0	0.0	0.0	0.0	0.0
19	12.0	19.1	15.5	92.4	16.482	14.5	5.3	0.0	5.3	6.2
20	10.0	19.3	15.3	80.7	13.947	11.8	0.0	0.0	0.0	0.0
21	10.0	20.3	14.8	76.5	12.949	10.7	0.0	0.0	0.0	0.4
22	11.6	19.0	14.2	85.8	14.007	11.9	18.8	0.2	19.0	0.9
23	11.1	17.5	14.8	88.5	14.951	13.0	0.0	23.6	23.6	0.0
24	13.0	19.0	15.1	86.5	14.900	12.9	1.2	0.0	1.2	2.9
25	11.0	18.4	15.3	84.2	14.843	12.8	1.8	0.0	1.8	0.6
26	11.0	18.0	14.2	90.4	14.860	12.8	12.8	1.6	14.4	0.0
27	10.3	18.1	13.3	95.9	14.565	12.5	6.5	0.9	7.4	1.7
28	11.7	17.8	14.1	94.9	15.349	13.3	3.4	0.1	3.5	1.2
29	11.4	20.2	14.0	95.6	15.615	13.6	16.3	8.6	24.9	3.0
30	11.5	16.3	14.0	91.6	14.678	12.7	19.5	0.0	19.5	0.0
31	10.5	19.3	14.5	90.3	15.066	13.1	25.8	10.4	36.2	0.9
PROM	11.4	19.1	14.6	87.9	14.688	12.6	273.7	66.4	340.1	47.4

ESTACION: EL CEDRAL
 ALTITUD: 2.120

MUNICIPIO: PEREIRA
 LATITUD: 4-47 N.

AÑO: 1.961
 LONGITUD: 75-32 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.3	17.1	13.7	94.1	14.835	12.8	8.2	0.0	8.2	0.1
2	10.0	19.3	14.8	87.6	14.637	12.5	0.0	0.0	0.0	4.7
3	10.0	20.2	16.0	79.7	14.462	12.3	2.4	0.0	2.4	4.6
4	10.6	19.4	13.7	91.0	14.554	12.4	10.4	0.2	10.6	2.9
5	11.4	19.1	15.1	85.9	14.780	12.8	0.0	0.0	0.0	2.4
6	10.4	20.0	15.7	84.2	15.101	13.1	0.0	0.0	0.0	5.0
7	12.3	20.0	14.1	84.9	13.954	11.7	16.0	1.0	17.0	2.4
8	12.0	19.0	15.3	85.6	14.887	12.8	3.7	9.5	13.2	0.8
9	13.0	18.4	14.4	85.5	14.216	12.2	0.1	0.0	0.1	3.4
10	10.0	18.6	14.9	86.4	14.607	12.5	10.5	1.0	11.5	3.1
11	11.0	19.3	13.7	82.9	12.890	10.6	8.0	0.0	8.0	3.3
12	10.5	13.2	12.6	93.8	13.603	11.5	31.5	0.0	31.5	3.3
13	12.0	17.1	13.8	85.1	13.375	11.3	5.0	0.0	5.0	2.9
14	10.6	18.0	13.4	91.1	14.112	12.1	60.6	0.0	60.6	0.5
15	10.0	17.3	14.8	83.2	13.827	11.7	0.0	0.0	0.0	1.2
16	11.4	17.4	14.4	92.8	15.234	13.2	10.5	0.0	10.5	1.7
17	10.4	20.1	15.2	85.1	14.707	12.6	0.0	0.0	0.0	4.0
18	10.2	19.6	13.8	84.0	13.442	11.3	16.5	0.0	16.5	3.3
19	11.0	19.1	15.2	89.9	15.447	13.3	1.9	25.4	27.3	3.2
20	12.6	19.5	15.2	82.8	14.326	12.3	5.7	20.1	25.8	1.8
21	11.4	19.0	13.9	90.1	14.452	12.4	38.9	0.0	38.9	0.5
22	11.4	18.0	14.9	84.2	14.140	12.1	1.0	3.1	4.1	0.5
23	11.4	18.3	14.4	84.4	13.775	11.7	38.9	1.3	40.2	2.2
24	12.4	20.0	15.0	83.2	14.331	12.3	16.5	0.0	16.5	1.9
25	12.0	18.0	14.6	91.9	15.546	13.5	2.1	0.0	2.1	0.0
26	10.3	19.7	13.7	83.4	13.160	11.0	11.8	0.0	11.8	3.9
27	11.3	19.3	14.6	83.8	13.962	11.9	17.2	8.7	25.9	2.8
28	12.2	18.1	14.1	86.2	13.721	11.7	15.4	36.2	51.6	1.2
29	13.0	15.0	13.5	93.4	14.466	12.5	7.2	1.0	8.2	0.0
30	12.0	17.7	14.9	93.0	15.670	13.7	4.4	0.0	4.4	1.8
PROM.	11.3	18.5	14.4	87.0	14.341	12.3	344.4	107.5	451.9	69.4

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	11.4	18.8	14.9	86.6	14.625	12.6	0.8	0.0	0.8	2.0
2	11.3	19.4	15.1	83.2	14.264	12.2	0.1	0.0	0.1	2.8
3	11.4	20.0	16.0	80.4	14.503	12.4	13.7	0.0	13.7	4.0
4	11.6	19.3	14.9	85.6	14.445	12.4	0.0	0.0	0.0	1.3
5	11.2	20.0	15.4	79.2	13.869	11.8	8.8	23.5	32.3	3.0
6	12.3	18.8	14.6	88.0	14.936	13.0	0.3	0.0	0.3	3.1
7	11.2	20.1	14.6	84.6	14.200	12.1	12.0	0.0	12.0	0.0
8	12.3	21.4	16.6	84.0	15.763	13.7	0.0	0.0	0.0	4.7
9	11.3	19.4	15.1	87.1	14.907	12.9	0.0	0.0	0.0	2.5
10	12.3	18.3	15.1	81.1	13.950	11.9	0.1	0.0	0.1	0.0
11	10.2	18.2	14.5	86.8	14.436	12.4	2.4	0.0	2.4	0.7
12	11.1	20.0	15.2	82.2	14.147	12.1	0.0	0.0	0.0	3.9
13	11.3	20.1	16.3	86.8	16.054	14.1	0.0	0.0	0.0	2.7
14	12.1	20.1	15.3	78.9	13.749	11.6	3.0	0.0	3.0	2.4
15	11.4	19.3	15.8	82.6	14.752	12.7	0.0	0.0	0.0	2.9
16	10.4	19.9	15.2	78.8	13.676	11.5	0.0	0.0	0.0	3.9
17	10.6	20.1	15.4	84.3	14.716	12.6	0.0	0.0	0.0	3.9
18	10.3	20.1	15.0	80.6	13.920	11.7	4.5	4.0	8.5	3.7
19	10.3	18.4	14.2	82.2	13.339	11.1	0.0	0.0	0.0	2.2
20	12.2	19.3	15.2	86.4	15.316	13.2	11.5	12.2	23.7	1.1
21	13.0	18.3	14.6	87.0	14.445	12.5	6.6	11.3	17.9	1.6
22	12.1	18.1	14.4	85.3	14.459	12.5	5.4	0.0	5.4	2.6
23	10.3	18.9	14.0	94.0	15.170	13.0	2.3	0.0	2.3	2.3
24	10.3	21.0	16.4	70.0	13.490	11.4	34.8	0.0	34.8	4.8
25	11.2	21.4	15.7	84.6	15.507	13.4	9.9	0.0	9.9	0.4
26	12.0	19.4	15.7	84.0	15.053	13.1	0.0	0.0	0.0	0.8
27	11.7	18.3	14.6	87.2	14.626	12.5	7.9	0.0	7.9	0.1
28	11.4	20.3	16.2	86.2	15.810	13.7	0.0	0.0	0.0	4.3
29	11.4	16.1	14.1	88.4	14.224	12.2	0.0	0.0	0.0	1.1
30	10.0	19.3	15.1	80.7	14.214	12.2	5.3	3.4	8.7	0.6
31	12.1	18.4	15.1	88.1	14.556	13.0	0.0	0.0	0.0	1.9
PROM.	11.3	19.4	15.2	84.1	14.565	12.5	129.4	54.4	183.8	71.3

ESTACION: EL CEDRAL

MUNICIPIO PEREIRA

AÑO: 1.981

ALTITUD: 2.120

LATITUD: 4-47 N.

LONGITUD: 75-32 W.

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	12.5	21.6	17.1	11.0	23.3	84.6	16.386	14.1	95.2	11	131.2
FEBRERO	11.5	19.6	15.2	10.0	22.2	87.9	15.174	13.1	287.2	23	79.4
MARZO	11.5	19.5	15.2	10.0	22.1	89.3	15.436	13.4	263.0	23	37.1
ABRIL	11.7	19.3	15.0	10.1	21.2	89.1	15.257	13.2	425.0	26	
MAYO	11.7	18.8	14.8	9.5	22.4	90.1	15.210	13.2	417.7	28	58.5
JUNIO	11.5	19.2	14.8	10.0	21.0	89.9	15.196	13.1	292.2	20	56.7
JULIO	11.5	20.0	15.2	10.0	24.0	82.8	14.122	12.0	120.8	17	112.0
AGOSTO	11.6	19.7	15.0	10.0	22.5	84.0	14.228	12.1	139.1	15	
SEPTIEMBRE	11.8	21.2	15.6	10.0	24.7	82.4	14.597	12.5	84.3	17	101.0
OCTUBRE	11.4	19.1	14.6	10.0	21.5	87.9	14.688	12.6	340.1	26	47.4
NOVIEMBRE	11.3	18.5	14.4	10.0	20.2	87.0	14.341	12.3	451.9	25	69.4
DICIEMBRE	11.3	19.4	15.2	10.0	21.4	84.1	14.565	12.5	183.8	18	71.3
PROMEDIO	11.6	19.7	15.2	10.1	22.2	3.3	14.933	12.8			
TOTAL									3100.9	249	

ESTACION: LA JOYA

MUNICIPIO: PEREIRA

AÑO: 1.981

ALTITUD: 1.250

LATITUD: 4-46 N.

LONGITUD: 75-47 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	26.6	21.2	81.4	20.048	17.5	0.0	0.0	0.0	
2	15.0	29.3	21.7	77.7	19.752	17.3	0.0	0.0	0.0	
3	14.0	29.0	21.9	78.0	19.609	17.1	0.0	0.0	0.0	
4	15.5	29.0	22.2	77.8	20.035	17.5	0.0	0.5	0.5	
5	14.8	28.8	22.3	77.7	20.258	17.6	0.0	0.0	0.0	
6	15.5	28.0	19.9	79.9	18.604	16.4	0.0	0.0	0.0	
7	15.6	28.0	21.0	77.8	18.714	16.4	0.0	22.8	22.8	
8	16.5	27.3	21.5	81.0	20.529	17.9	0.0	0.0	0.0	
9	17.0	27.0	20.7	84.8	20.661	18.0	0.0	0.0	0.0	
10	15.5	29.0	22.8	70.7	18.588	16.3	0.0	0.0	0.0	
11	15.5	26.3	20.5	84.9	20.429	17.8	0.0	0.0	0.0	
12	16.3	29.2	22.5	75.8	19.941	17.4	0.0	0.0	0.0	
13	17.0	30.0	23.1	72.4	19.444	17.0	0.0	0.0	0.0	
14	13.5	29.5	21.4	76.5	18.531	16.2	0.0	0.0	0.0	
15	14.0	29.5	22.0	73.3	18.474	16.2	0.0	0.0	0.0	
16	14.0	29.3	21.0	78.8	18.818	16.4	0.0	0.0	0.0	
17	14.6	30.0	19.2	77.9	17.421	15.3	0.0	0.0	0.0	
18	15.5	30.0	22.2	79.7	20.413	17.6	0.0	0.0	0.0	
19	14.5	31.5	23.0	69.5	18.239	15.9	0.0	0.0	0.0	
20	15.6	30.6	22.8	68.6	18.323	16.1	0.0	4.7	4.7	
21	16.0	30.0	22.3	72.8	18.742	16.5	0.0	0.0	0.0	
22	15.0	30.0	22.2	72.0	18.368	16.1	0.0	0.0	0.0	
23	15.5	29.4	22.3	71.6	18.404	16.2	0.0	0.0	0.0	
24	15.0	29.0	22.2	71.6	18.137	15.9	0.0	0.0	0.0	
25	13.0	29.0	22.7	67.4	18.312	16.1	0.4	6.6	7.0	
26	16.6	30.5	23.6	70.9	19.427	17.0	0.0	0.0	0.0	
27	14.4	30.5	21.7	72.4	17.813	15.7	0.0	0.0	0.0	
28	14.5	29.0	20.8	80.3	19.085	16.7	1.1	0.0	1.1	
29	16.5	26.0	21.1	79.6	19.749	17.3	0.0	0.0	0.0	
30	14.6	28.5	22.3	73.9	18.929	16.6	0.0	0.0	0.0	
31	17.5	26.5	20.8	82.4	20.431	17.8	2.0	2.1	4.1	
PROM.	15.3	28.9	21.8	76.1	19.169	16.8	3.5	36.7	40.2	

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	14.8	29.0	19.4	82.4	18.457	16.2	34.8	0.0	34.8	
2	14.5	30.0	20.9	80.2	19.177	16.8	0.0	0.0	0.0	
3	15.5	28.5	20.5	82.3	19.646	17.2	1.1	0.0	1.1	
4	17.0	28.3	21.5	79.5	20.248	17.7	2.4	0.0	2.4	
5	17.0	29.0	20.1	85.4	20.554	17.9	19.7	0.1	19.8	
6	15.0	29.5	22.8	74.6	19.774	17.3	0.0	0.0	0.0	
7	16.0	29.0	22.8	77.3	20.780	18.1	0.0	0.0	0.0	
8	16.5	28.5	22.1	79.6	21.180	18.4	0.0	0.0	0.0	
9	17.5	29.0	22.2	79.8	21.166	18.4	0.0	0.0	0.0	
10	15.0	30.5	23.3	75.3	20.292	17.7	0.0	0.0	0.0	
11	16.5	31.0	21.9	81.3	20.786	18.1	7.0	7.6	14.6	
12	17.0	23.5	20.2	87.7	20.570	17.9	0.0	0.0	0.0	
13	17.0	29.5	21.5	82.8	21.024	18.3	0.3	4.1	4.4	
14	17.0	29.0	21.6	80.1	20.132	17.6	23.2	0.0	23.2	
15	17.0	29.3	22.7	71.8	18.916	16.6	0.0	0.0	0.0	
16	17.0	31.0	21.3	79.8	20.053	17.5	3.6	1.7	5.3	
17	16.5	27.5	22.2	79.9	20.763	18.1	0.0	0.0	0.0	
18	17.0	29.5	23.0	77.9	21.245	18.4	0.0	1.5	1.5	
19	17.6	28.5	21.2	81.5	20.815	18.1	0.0	0.0	0.0	
20	14.6	28.5	21.3	78.8	19.141	16.7	0.0	0.0	0.0	
21	14.5	30.0	22.8	71.5	18.800	16.5	0.0	6.7	6.7	
22	16.6	30.0	23.2	73.4	20.248	17.7	0.0	18.5	18.5	
23	18.0	25.5	19.8	93.3	21.942	19.0	11.5	0.0	11.5	
24	17.0	28.5	22.5	78.0	20.745	18.1	0.0	0.0	0.0	
25	17.5	28.0	23.1	79.1	21.840	18.9	0.0	0.0	0.0	
26	17.5	32.0	24.1	71.9	20.248	17.6	0.0	0.0	0.0	
27	17.5	31.0	24.5	70.4	20.386	17.8	0.0	0.0	0.0	
28	16.5	31.5	23.8	75.5	21.669	18.8	0.0	17.2	17.2	7.5
PROM.	16.5	29.1	22.0	79.0	20.378	17.8	103.6	57.4	161.0	

ESTACION: LA JOYA

MUNICIPIO: PEREIRA

AÑO: 1.981

ALTITUD: 1.250

LATITUD: 4-46 N.

LONGITUD: 75-47 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	32.0	25.5	72.5	22.514	19.4	0.0	0.0	0.0	9.1
2	18.0	31.5	23.1	78.9	22.256	19.2	1.1	1.4	2.5	4.4
3	16.6	29.5	22.2	79.7	20.915	18.2	0.0	0.0	0.0	7.5
4	17.5	30.5	24.6	74.7	22.438	19.3	0.0	0.0	0.0	7.5
5	18.5	29.6	21.7	81.0	21.105	18.3	2.2	10.7	12.9	5.2
6	17.5	26.5	21.7	82.5	21.061	18.3	0.0	0.0	0.0	1.7
7	17.0	29.0	21.7	84.3	21.550	18.7	0.0	0.6	0.6	2.4
8	17.6	26.4	20.4	92.8	22.581	19.4	0.9	0.0	0.9	2.2
9	17.5	28.0	20.4	84.0	20.487	17.9	10.5	21.6	32.1	1.6
10	17.5	25.8	21.5	87.5	22.170	19.1	0.0	0.0	0.0	0.7
11	17.6	29.0	22.2	84.7	22.510	19.4	0.0	0.0	0.0	3.7
12	18.0	28.0	22.0	83.4	21.974	19.0	2.6	0.0	2.6	3.2
13	16.5	28.5	22.6	77.4	20.538	17.9	0.0	23.7	23.7	3.5
14	17.5	27.5	20.5	86.2	20.774	18.1	2.9	9.6	12.5	3.4
15	17.0	27.6	21.6	77.8	19.428	17.0	0.0	2.4	2.4	4.7
16	17.5	30.0	22.3	82.6	21.762	18.8	0.0	0.0	0.0	8.8
17	18.0	29.0	22.1	82.3	21.640	18.8	0.7	0.0	0.7	3.8
18	15.0	28.5	22.3	79.5	20.926	18.2	0.0	0.0	0.0	4.3
19	17.0	30.0	23.3	74.5	20.619	18.0	0.0	0.0	0.0	8.6
20	17.5	30.6	22.3	82.2	21.874	18.9	7.5	8.5	16.0	7.3
21	18.0	29.5	22.9	77.2	21.192	18.4	0.0	0.0	0.0	7.5
22	17.0	28.0	22.0	78.6	20.230	17.7	0.0	5.3	5.3	5.1
23	17.5	28.5	21.1	83.1	20.657	18.0	0.5	0.0	0.5	4.9
24	16.5	29.0	22.4	73.1	18.917	16.6	0.0	0.0	0.0	7.5
25	15.0	29.5	22.6	72.8	18.930	16.6	0.0	19.0	19.0	8.8
26	17.0	27.0	20.8	79.7	19.414	17.0	0.5	0.0	0.5	5.0
27	14.5	29.0	22.5	74.3	19.343	16.9	0.0	0.0	0.0	7.9
28	15.5	30.5	20.5	78.3	18.767	16.5	31.4	0.2	31.6	7.3
29	16.6	28.0	20.7	76.1	18.518	16.3	0.0	0.0	0.0	5.0
30	14.0	29.5	21.6	74.7	18.771	16.5	0.0	0.0	0.0	7.3
31	14.5	30.0	22.4	75.8	20.039	17.5	0.7	0.0	0.7	7.0
PROM.	16.9	28.9	22.0	79.7	20.771	18.1	61.5	103.0	164.5	166.9

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	13.5	30.5	21.3	78.2	19.803	17.3	0.0	0.0	0.0	6.5
2	15.5	29.0	22.1	81.7	21.767	18.8	0.0	0.0	0.0	3.7
3	16.0	27.0	20.8	84.9	21.452	18.6	18.5	11.9	30.4	2.1
4	17.6	30.5	21.6	83.9	22.020	19.0	1.2	3.6	4.8	6.2
5	18.0	25.0	20.4	91.6	22.602	19.4	7.3	0.4	7.7	0.7
6	17.5	28.5	22.4	86.7	23.115	19.8	0.0	0.0	0.0	7.3
7	18.5	29.0	22.3	81.2	21.296	18.3	0.0	0.1	0.1	4.2
8	18.5	28.0	23.1	81.5	22.754	19.6	0.0	1.9	1.9	2.5
9	18.0	27.0	21.4	92.2	23.641	20.1	0.7	0.0	0.7	2.1
10	17.5	31.0	24.3	82.9	24.857	21.0	0.0	0.0	0.0	8.3
11	18.0	28.5	22.8	88.5	24.427	20.6	0.0	0.0	0.0	2.8
12	18.5	26.0	20.4	95.4	23.787	20.2	9.7	0.0	9.7	0.0
13	15.5	30.0	21.5	82.6	20.797	18.1	1.0	0.8	1.8	6.1
14	18.0	28.5	21.1	85.2	21.758	18.8	2.0	0.6	2.6	4.6
15	17.5	27.0	21.5	88.3	22.599	19.4	4.1	8.3	12.4	5.1
16	16.5	26.0	20.7	84.4	20.129	17.5	13.0	0.0	13.0	1.6
17	15.0	28.0	20.5	85.1	20.513	17.9	4.4	2.8	7.2	4.5
18	17.0	28.5	20.3	84.6	20.329	17.8	3.6	46.7	50.3	4.0
19	17.0	20.5	17.9	94.7	19.804	17.3	6.5	0.0	6.5	0.3
20	13.6	27.0	20.2	83.9	19.562	17.1	0.0	0.0	0.0	5.3
21	15.0	30.0	23.4	73.0	19.993	17.5	0.0	0.7	0.7	9.4
22	18.3	27.0	20.7	84.7	20.876	18.2	1.4	0.6	2.0	2.2
23	16.6	29.5	21.9	78.8	20.678	18.0	0.7	2.6	3.3	7.2
24	18.0	27.0	21.2	86.7	21.839	18.9	1.5	0.0	1.5	4.6
25	17.0	30.0	22.7	76.8	20.691	18.0	0.0	0.0	0.0	8.8
26	18.0	26.0	20.1	89.1	21.010	18.3	1.9	0.5	2.4	2.5
27	18.0	20.9	19.3	94.2	21.346	18.5	54.0	3.5	57.5	0.0
28	17.0	26.5	21.3	85.3	21.376	18.5	0.0	13.9	13.9	2.5
29	17.0	28.0	22.2	80.9	21.306	18.5	15.9	0.0	15.9	5.2
30	16.5	28.5	20.6	83.7	20.400	17.8	2.2	11.7	13.9	4.9
PROM.	17.0	27.6	21.3	85.0	21.551	18.6	149.6	110.6	260.2	125.3

ESTACION: LA JOYA

MUNICIPIO: PEREIRA

AÑO: 1961

ALTITUD: 1.250

LATITUD: 4-46 N.

LONGITUD: 75-47 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	26.5	20.3	82.3	19.362	17.0	17.5	0.0	17.5	2.1
2	16.0	27.0	20.5	79.6	19.114	16.7	0.1	21.6	21.7	5.0
3	17.0	28.0	21.2	81.2	20.428	17.8	0.0	0.0	0.0	5.1
4	18.0	26.5	20.0	86.3	20.584	17.9	43.6	2.8	46.4	3.2
5	17.5	28.5	21.0	84.4	21.045	18.3	0.6	9.0	9.6	3.9
6	17.0	24.5	19.9	88.6	20.484	17.9	0.7	0.0	0.7	2.6
7	17.5	29.0	21.7	76.3	19.493	17.1	0.0	1.8	1.8	6.5
8	16.0	23.0	19.3	84.3	18.861	16.6	0.2	0.3	0.5	2.9
9	15.0	27.0	20.9	80.2	19.289	16.9	0.0	0.0	0.0	2.4
10	14.5	29.0	22.3	77.1	21.215	18.5	0.8	4.2	5.0	4.9
11	15.5	28.0	20.9	83.1	20.352	17.8	1.2	0.0	1.2	4.1
12	17.0	27.3	21.0	84.0	20.638	18.0	0.0	0.0	0.0	0.1
13	16.0	30.0	22.3	82.8	22.189	19.2	8.8	23.9	32.7	7.3
14	17.0	27.3	21.8	84.2	21.532	18.6	5.2	0.0	5.2	4.5
15	16.4	29.6	22.1	83.0	21.787	18.8	0.0	14.5	14.5	7.1
16	18.0	24.0	20.1	90.7	21.563	18.7	5.9	0.0	5.9	3.8
17	14.5	28.0	21.0	85.1	21.150	18.4	0.4	0.0	0.4	4.2
18	17.6	26.8	21.6	84.4	21.700	18.8	0.0	0.0	0.0	2.9
19	16.5	30.0	22.8	79.0	21.255	18.4	0.0	0.0	0.0	7.2
20	15.5	31.6	24.4	78.2	23.185	19.8	0.0	0.0	0.0	8.5
21	17.5	29.6	22.9	81.3	22.611	19.5	0.0	0.0	0.0	4.1
22	17.5	30.6	23.1	77.9	22.944	19.7	0.2	10.2	10.4	7.6
23	18.0	27.0	20.9	89.3	22.499	19.4	31.5	2.4	33.9	1.2
24	18.5	27.0	21.3	88.3	22.503	19.4	5.0	30.4	35.4	2.8
25	17.5	27.0	21.5	85.5	21.912	18.9	0.2	0.2	0.4	3.0
26	18.0	28.0	22.0	85.3	22.515	19.4	0.0	6.5	6.5	5.6
27	18.5	28.0	22.4	86.5	23.125	19.8	0.0	15.5	15.5	3.4
28	18.6	28.2	21.6	83.3	21.711	18.8	0.0	1.0	1.0	5.8
29	17.0	29.6	21.2	83.6	21.114	18.3	0.0	3.5	3.5	5.2
30	17.6	26.5	20.8	86.3	21.220	18.4	0.0	32.4	32.4	1.6
31	18.0	28.0	22.7	79.0	21.201	18.4	0.0	14.8	14.8	4.4
PROM.	17.0	27.6	21.5	83.3	21.245	18.4	121.9	195.0	316.9	133.0

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	28.0	20.9	82.7	20.493	17.9	9.6	12.7	22.3	5.7
2	16.0	29.0	21.9	82.9	21.447	18.6	0.0	0.0	0.0	7.6
3	16.6	30.4	21.8	78.3	20.194	17.6	0.0	0.0	0.0	8.6
4	15.6	30.3	23.9	77.5	22.128	19.1	0.0	0.0	0.0	8.1
5	16.6	29.9	23.6	79.6	22.696	19.5	0.0	0.0	0.0	7.4
6	18.5	30.3	22.1	80.6	22.246	19.2	44.0	17.4	61.4	6.0
7	18.0	27.5	21.9	84.1	21.668	18.7	0.2	2.3	2.5	1.8
8	18.5	28.0	21.9	85.0	22.192	19.1	3.2	15.0	18.2	3.8
9	17.5	26.0	20.5	88.9	21.626	18.7	7.3	0.0	7.3	1.5
10	16.6	27.8	23.0	85.1	23.850	20.3	0.0	0.0	0.0	5.6
11	18.6	26.0	21.9	88.4	23.282	19.9	0.0	0.0	0.0	1.2
12	18.3	24.4	20.2	94.0	22.322	19.2	2.0	0.0	2.0	0.5
13	18.0	28.4	21.6	85.8	22.166	19.2	0.5	0.2	0.7	4.3
14	16.6	27.0	21.4	85.3	21.702	18.8	0.0	0.0	0.0	2.7
15	15.0	27.0	20.3	93.2	22.696	19.5	2.1	0.0	2.1	2.5
16	17.0	27.0	20.3	85.4	20.561	17.9	1.0	1.7	2.7	3.7
17	17.0	28.6	21.9	84.1	21.662	18.8	0.0	0.0	0.0	6.6
18	18.5	25.0	20.1	89.6	21.463	18.6	10.9	0.0	10.9	0.1
19	14.5	27.8	22.0	75.3	19.291	16.9	0.0	0.0	0.0	5.7
20	17.0	26.0	21.2	87.4	21.869	18.9	0.0	0.0	0.0	3.0
21	15.6	29.9	22.6	80.8	21.727	18.8	0.0	0.0	0.0	5.7
22	17.4	28.0	21.3	78.7	20.181	17.6	8.0	0.2	8.2	4.2
23	16.5	27.8	20.8	85.4	20.734	18.0	0.3	0.0	0.3	3.3
24	15.0	27.5	21.3	85.1	21.435	18.6	0.0	0.0	0.0	3.8
25	16.0	26.5	20.9	85.7	21.183	18.4	0.0	0.0	0.0	4.6
26	16.0	27.5	22.2	79.7	21.208	18.4	0.0	0.0	0.0	3.8
27	16.5	27.9	21.9	82.6	21.236	18.4	0.0	0.0	0.0	4.7
28	17.0	28.5	20.7	88.8	21.943	18.9	4.0	4.0	8.0	3.9
29	17.5	26.6	20.1	90.9	21.695	18.8	30.0	17.0	47.0	2.1
30	16.5	27.0	21.5	83.6	21.001	18.3	0.0	0.0	0.0	3.4
PROM.	16.8	27.7	21.5	84.5	21.597	18.7	123.1	70.5	193.6	125.9

ESTACION: LA JOYA
 ALTITUD: 1.250

MUNICIPIO: PEREIRA
 LATITUD: 4-46 N.

AÑO: 1.981
 LONGITUD: 75-47 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	27.6	21.8	80.8	20.555	17.9	0.0	32.5	32.5	5.0
2	15.6	27.0	22.3	81.9	21.407	18.6	0.0	0.0	0.0	7.4
3	17.6	26.5	20.8	90.4	22.393	19.3	2.0	0.0	2.0	2.7
4	17.5	25.0	20.3	86.8	20.638	18.0	4.3	0.0	4.3	3.3
5	16.0	27.9	20.0	82.5	19.412	17.0	2.5	0.1	2.6	6.1
6	15.6	28.0	21.4	83.1	20.503	17.8	0.0	0.0	0.0	5.4
7	16.6	29.4	22.9	79.1	21.869	18.9	0.5	0.0	0.5	1.9
8	17.5	30.6	21.9	83.0	21.667	18.7	2.3	0.0	2.3	6.0
9	16.5	27.3	20.7	90.7	21.838	18.9	0.0	1.7	1.7	4.0
10	18.0	26.5	21.2	86.0	21.814	18.9	5.2	4.4	9.6	3.2
11	17.6	27.6	20.9	85.6	21.178	18.4	0.3	0.0	0.3	5.6
12	16.0	28.1	22.4	80.3	21.657	18.8	0.6	0.0	0.6	6.2
13	18.6	30.0	22.3	83.7	22.309	19.2	0.0	0.0	0.0	4.1
14	17.0	28.0	22.2	79.7	20.912	18.2	0.0	0.2	0.2	6.6
15	17.5	28.3	22.6	78.0	20.954	18.2	0.0	1.5	1.5	5.3
16	17.6	29.0	22.3	78.8	20.758	18.1	0.2	20.7	20.9	2.6
17	17.5	26.0	20.4	89.2	21.646	18.8	13.5	0.0	13.5	0.8
18	18.0	22.5	19.0	96.0	21.352	18.5	4.4	0.0	4.4	6.6
19	14.6	26.5	20.9	81.6	19.916	17.5	0.0	0.0	0.0	7.0
20	16.2	26.2	19.0	90.5	20.408	17.8	1.7	0.0	1.7	2.0
21	14.6	28.0	20.9	80.4	19.131	16.7	0.0	0.0	0.0	5.2
22	15.3	28.8	22.1	82.3	21.489	18.6	0.0	0.0	0.0	5.9
23	14.5	29.9	23.7	70.1	19.148	16.8	0.0	0.0	0.0	7.6
24	13.6	29.9	21.8	75.9	19.213	16.8	0.0	0.0	0.0	9.1
25	12.6	30.8	22.8	68.4	17.378	15.2	0.0	0.0	0.0	8.9
26	14.0	29.6	22.1	74.7	19.258	16.9	0.0	0.0	0.0	8.4
27	13.6	29.8	21.4	79.1	19.419	17.0	0.5	0.7	1.2	6.6
28	14.4	28.3	21.7	80.6	20.191	17.6	0.0	0.0	0.0	0.2
29	14.5	29.0	21.6	83.4	21.102	18.3	0.0	0.0	0.0	5.1
30	14.6	30.6	21.9	80.5	20.593	17.9	0.0	0.0	0.0	7.9
31	15.3	29.3	22.3	83.2	22.144	19.1	2.1	0.0	2.1	6.6
PROM.	16.0	28.1	21.5	82.1	20.718	18.0	40.1	61.8	101.9	163.3

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	14.5	30.0	22.1	78.8	20.507	17.9	0.0	0.0	0.0	7.6
2	15.0	29.0	22.6	81.1	21.632	18.7	0.0	0.0	0.0	3.0
3	17.0	27.5	21.9	83.4	21.367	18.5	0.0	0.0	0.0	0.8
4	15.5	31.0	23.6	75.7	21.251	18.5	0.0	0.0	0.0	8.6
5	16.5	31.3	22.5	79.2	21.278	18.5	0.0	0.0	0.0	8.0
6	17.4	28.5	23.6	75.9	21.206	18.4	0.0	0.2	0.2	5.1
7	17.0	28.5	21.5	82.8	21.303	18.5	2.1	0.0	2.1	3.0
8	16.6	29.0	22.6	82.8	22.218	19.1	0.0	0.4	0.4	5.9
9	18.0	28.0	22.0	80.5	21.127	18.4	0.0	0.0	0.0	4.1
10	13.5	29.5	21.5	78.7	19.656	17.2	0.0	0.0	0.0	5.6
11	17.5	29.0	22.2	81.2	21.390	18.6	0.0	0.2	0.2	3.3
12	18.0	26.6	21.0	86.7	21.684	18.8	3.0	1.5	4.5	1.4
13	17.5	28.0	21.5	84.8	21.671	18.7	0.0	0.0	0.0	4.4
14	16.0	29.0	21.7	82.0	20.823	18.1	0.0	0.0	0.0	3.3
15	14.5	28.6	22.7	74.3	19.350	17.0	0.0	0.0	0.0	8.2
16	17.8	29.0	21.9	79.2	20.756	18.1	0.0	0.4	0.4	6.2
17	16.8	26.4	20.1	86.7	20.566	17.9	0.5	0.0	0.5	1.4
18	16.4	29.0	21.6	79.7	20.303	17.7	0.0	1.3	1.3	5.7
19	15.6	30.6	22.7	65.1	16.981	14.7	0.0	0.0	0.0	9.0
20	13.0	30.0	22.6	74.1	19.367	16.9	0.0	0.0	0.0	6.5
21	15.6	26.4	21.7	84.1	21.446	18.6	0.6	23.7	24.3	1.3
22	17.0	29.0	22.3	80.1	21.093	18.3	0.0	13.4	13.4	6.3
23	16.6	25.0	20.4	81.2	19.452	17.1	14.1	0.0	14.1	1.2
24	14.3	28.0	19.9	82.9	18.866	16.5	3.4	20.2	23.6	5.5
25	16.6	27.0	20.5	84.2	19.976	17.4	0.3	0.0	0.3	2.9
26	17.0	29.3	21.4	83.8	21.019	18.3	0.6	0.0	0.6	6.1
27	17.6	29.6	21.9	81.4	21.282	18.5	0.8	0.0	0.8	6.9
28	15.5	30.3	22.7	72.1	18.837	16.5	0.0	0.0	0.0	9.7
29	16.6	28.1	20.8	77.0	19.346	17.0	1.9	1.7	3.6	4.0
30	17.0	27.6	21.1	82.1	20.279	17.7	0.0	5.9	5.9	4.2
31	15.6	26.4	20.9	84.4	20.509	17.9	0.7	27.3	28.0	1.8
PROM.	16.2	28.6	21.8	80.2	20.534	17.9	28.0	96.2	124.2	151.0

ESTACION: LA JOYA

MUNICIPIO: PEREIRA

AÑO: 1.961

ALTITUD: 1.250

LATITUD: 4-46 N.

LONGITUD: 75-47 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	26.0	19.4	85.1	19.361	17.0	2.2	9.8	12.0	0.9
2	15.5	26.5	20.2	84.3	19.792	17.3	2.1	0.5	2.6	
3	14.5	26.4	19.9	83.8	19.397	17.0	1.3	0.5	1.8	
4	16.0	26.8	21.3	83.8	20.836	18.1	1.6	0.0	1.6	5.0
5	16.0	26.3	19.9	86.7	20.078	17.6	6.1	0.0	6.1	3.2
6	17.3	27.0	21.2	81.5	20.235	17.7	0.0	0.0	0.0	3.2
7	16.0	27.5	21.0	83.7	21.093	18.3	0.6	0.0	0.6	4.2
8	15.6	25.9	20.6	91.8	21.987	19.0	0.0	0.0	0.0	
9	17.0	27.5	21.4	82.4	20.619	18.0	6.9	2.1	9.0	5.1
10	17.5	27.0	20.7	86.8	21.050	18.3	0.1	11.6	11.7	3.9
11	17.0	26.8	20.0	84.6	19.739	17.3	0.6	0.0	0.6	3.9
12	15.6	29.5	21.9	81.2	20.896	18.2	0.0	0.0	0.0	5.8
13	15.6	27.0	20.8	83.6	20.274	17.7	0.0	0.0	0.0	4.5
14	15.0	29.5	21.7	81.5	20.432	17.8	0.0	11.1	11.1	5.1
15	14.6	26.0	20.4	86.1	20.310	17.7	0.0	0.0	0.0	2.9
16	16.5	27.8	20.6	86.0	21.365	18.5	4.4	0.0	4.4	3.8
17	14.5	30.0	21.8	79.3	20.268	17.7	0.0	0.0	0.0	7.7
18	16.5	30.0	22.7	74.8	19.831	17.3	0.0	0.0	0.0	6.1
19	17.5	25.0	19.5	92.2	21.199	18.4	0.5	0.0	0.5	2.7
20	14.0	29.0	21.7	78.9	20.121	17.6	0.7	1.2	1.9	7.8
21	14.0	29.9	21.3	81.6	20.389	17.8	19.0	0.0	19.0	6.6
22	13.6	29.3	22.0	81.9	21.362	18.5	0.0	0.0	0.0	6.2
23	13.6	32.0	22.4	77.3	20.295	17.7	0.0	0.0	0.0	
24	14.5	32.0	22.5	74.0	19.637	17.2	0.0	0.0	0.0	7.2
25	16.6	30.2	21.9	85.4	22.077	19.0	0.3	0.0	0.3	5.0
26	16.6	29.9	22.4	82.0	21.596	18.7	0.0	0.0	0.0	4.4
27	15.6	29.9	21.5	80.3	20.487	17.9	5.6	0.0	5.6	6.8
28	16.5	30.3	22.9	74.4	20.332	17.7	0.0	0.2	0.2	9.0
29	15.6	30.3	21.9	79.5	20.285	17.7	0.1	0.8	0.9	5.7
30	18.0	29.3	22.0	80.9	21.440	18.6	0.0	0.0	0.0	6.3
PROM.	15.8	28.4	21.3	82.5	20.559	17.9	52.1	37.8	89.9	

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	27.3	22.3	88.0	23.513	20.0	0.0	18.7	18.7	1.7
2	18.0	28.6	22.2	81.4	21.540	18.7	27.5	3.4	30.9	3.8
3	17.5	26.3	21.4	85.1	21.608	18.7	1.6	1.5	3.1	4.4
4	16.5	29.6	20.0	85.1	20.112	17.6	0.0	0.0	0.0	3.8
5	15.6	30.0	22.6	86.6	23.531	20.0	4.7	0.0	4.7	7.4
6	17.5	30.3	21.0	84.2	21.114	18.4	0.0	0.0	0.0	8.8
7	16.6	28.8	21.4	84.2	21.602	18.7	0.0	2.2	2.2	4.9
8	17.3	27.1	21.3	87.5	22.436	19.3	0.6	0.0	0.6	3.4
9	17.6	27.4	21.9	83.8	21.892	18.9	0.0	13.6	13.6	4.8
10	18.0	24.6	21.4	84.8	21.520	18.7	0.5	0.8	1.3	1.4
11	17.5	26.6	21.4	84.1	21.214	18.4	0.0	0.0	0.0	4.2
12	17.3	29.3	20.9	85.5	21.290	18.5	0.2	0.0	0.2	4.1
13	15.6	28.3	22.0	77.2	20.731	18.1	0.2	0.0	0.2	5.6
14	15.6	30.0	22.5	77.7	20.671	18.0	0.0	0.0	0.0	8.0
15	17.0	27.0	20.9	82.7	20.418	17.8	0.6	0.5	1.1	1.5
16	15.4	29.3	22.0	80.5	21.086	18.3	0.0	0.0	0.0	5.9
17	14.6	28.1	22.2	80.6	21.114	18.3	0.0	2.0	2.0	3.2
18	18.0	28.0	22.5	78.9	21.465	18.6	0.0	13.0	13.0	3.6
19	17.3	29.3	23.4	79.7	22.609	19.4	0.0	0.0	0.0	6.7
20	17.4	31.2	22.9	78.6	21.565	18.7	0.0	0.0	0.0	9.0
21	17.2	31.0	23.4	77.4	21.448	18.5	0.0	5.9	5.9	6.8
22	18.6	25.8	20.2	85.9	20.839	18.1	1.9	4.0	5.9	1.0
23	14.6	27.0	20.1	85.5	20.178	17.6	1.6	17.8	19.4	1.7
24	17.0	26.1	20.7	86.8	21.106	18.4	0.0	0.0	0.0	1.4
25	15.4	28.3	20.9	80.6	19.939	17.4	16.5	0.0	16.5	5.6
26	15.2	27.0	20.8	84.7	20.678	18.0	0.2	0.7	0.9	1.8
27	15.6	28.1	20.7	83.6	20.421	17.8	11.5	0.1	11.6	3.1
28	17.6	27.3	21.7	82.5	21.127	18.3	0.0	7.6	7.6	3.8
29	18.0	29.3	22.5	80.2	21.494	18.6	0.0	6.1	6.1	7.8
30	18.4	24.4	20.6	88.3	21.299	18.5	6.4	0.0	6.4	0.0
31	15.6	29.0	20.1	85.4	20.303	17.7	30.6	5.5	36.1	3.2
PROM.	16.8	28.1	21.5	83.1	21.286	18.5	104.6	103.4	208.0	132.6

ESTACION: LA JOYA
 ALTITUD: 1.250

MUNICIPIO: PEREIRA
 LATITUD: 4-46 N.

AÑO: 1.981
 LONGITUD: 75-47 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	23.0	19.0	90.9	20.292	17.7	1.2	0.0	1.2	0.0
2	14.6	28.4	21.0	80.1	19.494	17.1	0.0	0.0	0.0	7.2
3	17.0	30.3	22.5	76.8	20.302	17.7	0.0	0.4	0.4	8.3
4	17.6	28.0	22.0	83.9	22.176	19.1	1.1	35.6	36.7	3.3
5	17.3	26.4	21.0	81.8	20.432	17.8	0.0	0.0	0.0	7.1
6	16.8	30.6	23.5	78.9	22.359	19.3	0.0	2.2	2.2	8.3
7	18.0	27.3	20.7	88.1	21.764	18.8	0.4	7.0	7.4	2.7
8	17.3	27.1	21.0	86.5	21.347	18.5	0.2	20.0	20.2	5.0
9	16.6	28.3	21.9	77.0	19.898	17.4	0.0	4.6	4.6	7.0
10	17.4	28.1	20.5	84.5	20.658	18.0	43.0	0.0	43.0	6.3
11	18.0	29.3	21.4	81.8	20.843	18.2	0.0	2.3	2.3	5.8
12	17.6	29.3	21.3	82.4	20.921	18.2	1.5	0.7	2.2	6.9
13	18.0	29.1	22.1	81.1	21.466	18.6	0.0	0.0	0.0	5.0
14	18.6	25.0	20.8	88.9	21.986	19.0	0.0	0.0	0.0	0.1
15	16.6	28.0	21.4	84.1	21.393	18.6	0.3	0.2	0.5	4.6
16	18.0	25.0	21.0	86.3	21.483	18.6	0.8	6.4	7.2	0.7
17	17.6	30.0	22.6	79.2	21.369	18.5	0.0	0.0	0.0	6.2
18	18.3	29.3	21.4	85.0	21.804	18.9	1.3	0.6	1.9	5.3
19	17.3	29.1	21.8	81.5	20.842	18.1	0.5	21.5	22.0	6.8
20	18.3	27.4	20.8	88.1	21.853	18.9	0.2	2.0	2.2	3.0
21	17.3	27.3	20.8	83.1	20.246	17.7	0.3	0.8	1.1	4.1
22	17.4	28.1	20.6	83.9	20.496	17.9	0.0	0.0	0.0	5.7
23	17.6	29.3	21.6	81.4	20.979	18.3	0.0	1.1	1.1	7.3
24	18.3	28.0	21.6	86.4	22.091	19.1	0.0	18.1	18.1	0.5
25	18.0	25.0	20.3	89.3	21.265	18.5	0.8	0.0	0.8	2.6
26	16.0	30.0	22.5	79.2	21.007	18.3	0.0	2.6	2.6	9.4
27	18.0	26.0	21.1	86.7	21.933	19.0	7.4	0.0	7.4	2.1
28	16.4	29.1	21.0	80.7	19.670	17.2	20.4	0.0	20.4	7.5
29	17.3	25.4	20.2	85.7	20.196	17.7	9.8	10.7	20.5	2.4
30	17.3	27.4	21.7	86.8	22.337	19.2	0.0	2.2	2.2	3.6
PROM.	17.4	27.9	21.3	83.7	21.097	18.3	89.2	139.0	228.2	144.8

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	28.5	22.3	84.1	22.564	19.4	0.0	1.0	1.0	3.6
2	19.0	29.0	21.6	83.0	21.377	18.6	0.6	0.0	0.6	3.8
3	16.0	30.0	23.3	77.8	21.555	18.6	0.0	0.0	0.0	7.3
4	18.0	29.3	21.9	83.4	21.897	18.9	3.0	17.1	20.1	4.1
5	17.0	28.8	21.2	84.4	21.312	18.5	0.0	11.4	11.4	6.4
6	17.0	29.1	20.9	79.4	19.316	16.9	0.9	0.0	0.9	2.7
7	16.0	29.3	22.2	83.0	21.899	18.9	0.2	7.1	7.3	6.4
8	17.4	29.3	22.4	82.5	22.085	19.1	0.0	0.0	0.0	6.9
9	17.6	28.1	22.9	80.1	21.973	19.0	0.0	1.8	1.8	4.0
10	17.6	25.4	21.2	87.6	21.970	19.0	0.0	0.0	0.0	0.0
11	18.0	26.4	21.2	84.8	21.533	18.7	0.2	0.0	0.2	1.0
12	15.6	29.3	21.8	79.6	20.188	17.6	0.0	0.0	0.0	7.0
13	17.6	30.0	22.3	81.4	21.786	18.8	0.0	0.0	0.0	5.2
14	16.4	30.0	21.1	82.9	20.893	18.2	6.5	0.0	6.5	4.7
15	17.6	28.1	22.3	86.3	22.992	19.7	0.0	0.0	0.0	5.3
16	18.6	29.6	23.4	79.3	22.373	19.3	0.0	0.0	0.0	7.7
17	16.8	30.0	23.4	74.8	20.539	17.9	0.0	0.0	0.0	6.4
18	17.6	29.3	21.4	84.9	21.759	18.8	0.0	0.4	0.4	6.8
19	16.4	28.8	22.2	83.1	22.012	19.0	0.0	15.1	15.1	6.1
20	17.4	28.2	22.2	85.7	22.766	19.6	0.0	33.9	33.9	4.6
21	18.0	25.0	20.4	87.8	21.603	18.7	5.9	4.0	9.9	0.4
22	17.0	28.0	21.2	83.4	20.792	18.1	0.0	0.0	0.0	4.0
23	16.3	29.3	22.2	80.9	21.172	18.4	0.0	0.0	0.0	7.3
24	16.6	30.0	23.5	76.4	21.413	18.6	0.0	0.0	0.0	7.9
25	17.3	29.1	22.9	81.2	22.480	19.4	0.0	0.0	0.0	3.4
26	16.6	29.3	22.2	78.2	20.262	17.7	0.0	0.0	0.0	5.5
27	16.6	28.6	21.6	82.8	21.083	18.3	0.0	0.0	0.0	4.1
28	15.6	29.9	23.0	78.1	21.328	18.5	0.0	0.0	0.0	7.8
29	18.0	20.3	19.4	97.6	21.999	19.0	1.3	0.0	1.3	0.0
30	14.6	28.0	21.0	81.8	19.615	17.1	0.0	13.6	13.6	6.7
31	16.6	28.1	21.1	82.7	20.251	17.6	0.0	0.0	0.0	6.3
PROM.	17.0	28.5	21.9	82.5	21.445	18.6	18.6	105.4	124.0	153.4

ESTACION: LA JOYA
 ALTITUD: 1.250

MUNICIPIO PEREIRA
 LATITUD: 4-46 N.

AÑO: 1.981
 LONGITUD: 75-47 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED. MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.3	28.9	21.8	13.0	31.5	76.1	19.169	16.8	40.2	6	
FEBRERO	16.5	29.1	22.0	14.5	32.0	79.0	20.378	17.8	161.0	13	
MARZO	16.9	28.9	22.0	14.0	32.0	79.7	20.771	18.1	164.5	17	166.9
ABRIL	17.0	27.6	21.3	13.5	31.0	85.0	21.551	18.6	260.2	23	125.3
MAYO	17.0	27.8	21.5	14.5	31.6	83.3	21.245	18.4	316.9	24	133.0
JUNIO	16.8	27.7	21.5	14.5	30.4	84.5	21.597	18.7	193.6	14	125.9
JULIO	16.0	28.1	21.5	12.6	30.8	82.1	20.718	18.0	101.9	18	163.3
AGOSTO	16.2	28.6	21.8	13.0	31.3	80.2	20.534	17.9	124.2	18	151.0
SEPTIEMBRE	15.8	28.4	21.3	13.6	32.0	82.5	20.559	17.9	89.9	18	
OCTUBRE	16.8	28.1	21.5	14.6	31.2	83.1	21.286	18.5	208.0	23	132.6
NOVIEMBRE	17.4	27.9	21.3	14.6	30.6	83.7	21.097	18.3	228.2	24	144.8
DICIEMBRE	17.0	28.5	21.9	14.6	30.0	82.5	21.445	18.6	124.0	15	153.4
PROMEDIO	16.6	28.3	21.6	13.9	31.2	81.8	20.863	18.1			
TOTAL									2012.6	213	

ESTACION: LA TRINIDAD

MUNICIPIO: LIBANO

AÑO: 1.981

ALTITUD: 1.430

LATITUD: 4-55 N.

LONGITUD: 75-04 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	22.6	18.5	85.6	18.353	16.0	0.1	0.3	0.4	5.2
2	16.0	23.7	18.4	86.5	18.356	16.1	0.0	0.0	0.0	1.2
3	16.5	25.5	20.1	77.9	18.457	16.2	0.0	0.0	0.0	9.4
4	14.0	24.8	19.0	69.5	15.740	13.4	0.0	0.0	0.0	9.1
5	14.4	25.0	20.0	77.0	18.106	15.8	0.0	26.5	26.5	9.4
6	15.7	24.4	19.1	88.4	19.606	17.1	1.0	0.0	1.0	3.5
7	16.0	25.0	19.6	83.7	19.274	16.9	1.5	0.4	1.9	2.8
8	16.1	25.0	19.4	79.2	18.116	15.8	0.0	0.0	0.0	5.9
9	15.5	23.0	18.6	82.7	17.719	15.6	0.0	0.0	0.0	6.5
10	13.0	25.0	19.3	76.2	17.283	15.2	0.0	0.0	0.0	8.2
11	16.4	23.1	19.9	80.5	19.135	16.8	0.0	6.2	6.2	4.9
12	16.0	22.9	18.9	84.4	18.558	16.3	0.7	0.3	1.0	3.9
13	16.0	23.2	18.8	78.9	17.654	15.5	0.0	0.0	0.0	8.1
14	14.0	22.0	17.9	86.2	17.535	15.4	0.0	0.0	0.0	4.2
15	13.6	23.6	19.0	77.9	17.242	15.0	0.0	0.0	0.0	8.0
16	13.5	23.0	18.6	81.6	17.382	15.1	0.0	0.0	0.0	4.4
17	15.0	23.0	19.5	81.7	18.741	16.4	0.0	0.2	0.2	4.2
18	16.6	25.6	20.6	79.1	19.285	16.9	0.0	0.0	0.0	9.6
19	14.1	24.5	19.3	78.5	17.644	15.4	0.0	0.0	0.0	7.2
20	14.1	24.0	19.1	77.2	17.149	14.9	0.0	0.0	0.0	6.3
21	15.0	24.2	19.8	70.0	16.344	14.2	0.0	0.0	0.0	5.6
22	14.4	23.8	19.5	76.7	17.545	15.4	0.0	0.0	0.0	8.3
23	12.4	24.0	18.9	71.1	15.332	13.4	0.0	0.0	0.0	7.1
24	13.5	25.0	19.6	74.8	17.117	15.0	0.0	4.4	4.4	9.0
25	15.3	23.5	18.8	81.6	17.705	15.6	0.0	0.0	0.0	5.3
26	15.3	23.3	19.1	82.6	18.568	16.3	0.0	0.0	0.0	4.6
27	15.2	24.5	19.4	75.5	17.544	15.4	0.0	0.5	0.5	7.3
28	15.4	24.5	19.6	87.5	19.630	17.1	0.5	0.7	1.2	4.4
29	16.2	24.3	19.7	80.0	18.539	16.3	0.0	0.0	0.0	3.0
30	14.4	24.5	20.0	76.1	17.757	15.6	0.0	40.4	40.4	8.2
31	14.0	23.0	18.7	84.3	18.053	15.9	0.6	0.7	1.3	1.8
PROM.	14.9	24.0	19.2	79.8	17.918	15.7	4.4	80.6	85.0	187.2

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	15.7	23.0	19.2	84.0	18.996	16.7	0.2	0.0	0.2	0.9
2	16.4	25.7	21.0	74.8	18.679	16.4	0.0	14.5	14.5	9.3
3	16.2	22.5	19.2	85.0	18.964	16.6	0.0	0.0	0.0	3.9
4	16.2	23.2	18.7	91.9	19.896	17.4	1.8	10.4	12.2	2.7
5	16.4	24.0	18.6	77.3	16.520	14.5	1.5	0.0	1.5	3.4
6	14.2	24.0	19.4	79.2	18.074	15.8	0.0	0.0	0.0	6.5
7	15.4	23.5	19.4	82.9	18.849	16.5	0.0	3.8	3.8	2.6
8	16.0	25.0	20.7	82.3	19.950	17.5	0.0	0.5	0.5	7.5
9	16.0	22.8	18.4	90.3	19.312	16.9	0.0	0.0	0.0	2.7
10	14.9	25.2	20.2	80.1	19.019	16.7	0.0	0.0	0.0	9.8
11	15.7	24.9	20.1	83.8	19.720	17.1	0.0	0.0	0.0	5.5
12	16.2	22.5	19.3	77.0	17.342	15.2	0.0	0.0	0.0	2.0
13	15.3	22.4	19.2	81.9	18.254	15.9	0.0	12.6	12.6	1.7
14	15.7	21.2	18.8	90.4	19.650	17.2	1.5	3.7	5.2	0.9
15	16.3	22.4	18.8	90.6	19.686	17.3	0.0	0.0	0.0	1.9
16	17.3	23.4	18.7	93.4	20.189	17.6	0.0	1.3	1.3	1.7
17	15.6	21.2	18.6	89.0	19.123	16.7	27.2	0.2	27.4	0.1
18	15.1	24.4	20.4	81.9	19.454	17.0	0.0	0.0	0.0	7.7
19	15.4	22.6	18.6	87.0	18.896	16.6	1.0	13.2	14.2	1.8
20	16.0	21.0	18.5	92.8	19.839	17.4	1.8	0.0	1.8	0.5
21	14.0	23.5	19.5	79.1	17.948	15.8	0.0	0.0	0.0	5.9
22	15.6	22.2	18.8	90.5	19.596	17.2	20.3	11.6	31.9	0.6
23	16.5	18.6	17.8	92.5	18.958	16.6	31.7	0.0	31.7	0.0
24	14.4	23.0	18.8	89.6	19.324	16.9	0.0	1.4	1.4	4.2
25	16.2	20.0	18.1	95.5	19.889	17.4	5.4	0.0	5.4	0.6
26	16.5	23.1	18.7	92.2	19.748	17.3	0.0	0.0	0.0	2.1
27	16.7	25.8	20.6	78.0	19.059	16.7	0.0	0.0	0.0	7.4
28	16.7	22.5	19.9	85.0	20.023	17.4	0.0	0.0	0.0	0.6
PROM	15.8	23.0	19.2	85.6	19.106	16.7	92.4	73.2	165.6	94.6

ESTACION: LA TRINIDAD
 ALTITUD: 1.430

MUNICIPIO: LIBANO
 LATITUD: 4-55 N.

AÑO: 1.961
 LONGITUD: 75-04 E.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.2	26.2	20.1	76.2	17.681	15.5	0.0	0.0	0.0	8.3
2	17.2	26.2	20.5	77.2	18.555	16.3	0.0	0.0	0.0	5.6
3	15.1	25.8	20.0	80.2	18.741	16.4	0.0	0.0	0.0	7.4
4	14.6	25.2	20.2	71.2	16.897	14.9	0.0	0.0	0.0	8.9
5	16.3	25.9	20.9	79.1	19.763	17.2	0.0	3.7	3.7	8.1
6	15.9	22.5	18.5	89.0	19.070	16.8	0.0	0.0	0.0	1.7
7	16.2	24.7	20.6	83.0	20.048	17.5	0.0	13.8	13.8	3.4
8	16.2	24.3	19.7	90.0	20.426	17.8	0.0	0.1	0.1	2.9
9	16.5	22.7	20.0	88.5	20.888	18.2	0.0	16.5	16.5	0.8
10	17.4	22.9	19.7	87.8	20.407	17.8	0.0	0.6	0.6	0.6
11	16.8	24.7	20.4	85.4	20.505	17.9	0.0	0.9	0.9	5.0
12	16.4	24.6	19.9	87.5	20.553	17.9	0.0	0.0	0.0	3.3
13	15.4	25.2	20.0	79.1	18.694	16.4	0.0	0.0	0.0	5.0
14	16.4	24.5	20.5	77.9	18.913	16.6	0.0	2.0	2.0	4.4
15	16.0	24.9	19.6	86.9	19.958	17.5	10.9	0.4	11.3	3.1
16	17.2	25.0	20.6	84.4	20.653	18.0	0.5	0.0	0.5	2.7
17	17.5	25.5	21.0	72.2	18.178	16.0	0.0	0.0	0.0	5.9
18	17.4	25.0	21.4	80.7	20.679	18.0	0.0	0.7	0.7	4.6
19	16.9	25.0	20.5	81.2	19.586	17.2	0.0	0.0	0.0	4.0
20	16.2	24.9	20.6	67.1	16.543	14.5	0.0	0.0	0.0	7.7
21	14.5	25.5	20.0	74.8	17.575	15.5	0.0	0.0	0.0	7.9
22	14.5	24.0	20.1	82.4	19.564	17.1	0.0	0.0	0.0	3.5
23	16.8	26.1	20.6	74.8	18.441	16.2	0.0	0.0	0.0	6.9
24	16.0	26.4	20.5	74.5	18.221	15.9	0.0	0.0	0.0	8.1
25	14.0	24.5	19.7	81.0	18.532	16.2	0.0	0.0	0.0	6.3
26	16.0	22.8	18.9	83.9	18.604	16.4	0.0	0.0	0.0	0.6
27	14.1	25.5	20.6	74.1	17.932	15.8	0.0	0.0	0.0	7.3
28	15.5	25.5	20.2	75.0	17.687	15.6	0.0	0.0	0.0	8.5
29	16.4	25.9	20.8	81.2	19.975	17.5	0.0	0.0	0.0	3.8
30	15.2	25.8	20.3	72.3	17.539	15.4	0.0	14.2	14.2	8.9
31	16.2	25.2	20.4	76.2	18.080	15.9	0.0	0.0	0.0	6.0
PROM.	16.0	24.9	20.2	79.8	18.996	16.6	11.4	52.9	64.3	161.2

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.4	26.7	20.8	69.3	16.706	14.6	0.0	0.0	0.0	9.8
2	15.3	25.2	19.5	79.2	18.199	16.0	0.0	5.9	5.9	3.5
3	16.0	24.2	20.2	86.6	20.555	17.9	0.2	0.0	0.2	1.4
4	16.6	24.5	20.5	84.1	20.384	17.8	0.0	1.6	1.6	1.9
5	16.2	20.4	18.2	93.2	19.529	17.1	0.9	3.9	4.8	0.0
6	15.1	24.4	19.2	79.7	17.589	15.5	0.0	0.6	0.6	4.2
7	17.6	23.3	19.5	84.5	19.119	16.8	5.4	38.4	43.8	2.3
8	15.4	24.3	20.4	83.6	19.702	17.3	3.6	9.4	13.0	3.8
9	16.7	24.4	20.1	85.4	19.961	17.5	1.5	0.2	1.7	1.7
10	16.0	23.8	20.4	88.5	21.333	18.5	0.0	0.0	0.0	4.3
11	18.2	25.2	22.0	79.6	20.925	18.2	0.0	1.1	1.1	1.8
12	17.3	21.5	19.4	87.5	19.837	17.4	9.2	0.0	9.2	0.0
13	17.0	24.2	20.2	78.3	18.863	16.6	6.6	7.5	14.1	3.4
14	15.6	24.3	19.8	79.6	18.351	16.2	0.0	20.8	20.8	2.6
15	15.4	23.6	19.3	89.8	19.947	17.4	0.0	19.6	19.6	2.0
16	15.6	23.7	19.4	82.0	18.407	16.2	13.2	0.3	13.5	0.4
17	16.3	24.4	19.2	78.6	18.074	15.7	5.1	0.1	5.2	4.7
18	15.6	23.8	19.6	86.1	20.070	17.5	21.6	8.9	30.5	5.3
19	14.5	18.9	16.9	92.7	17.932	15.8	3.7	0.0	3.7	0.0
20	13.5	23.2	18.9	88.4	19.189	16.7	0.0	0.0	0.0	1.7
21	16.4	24.0	20.1	81.8	19.428	17.0	0.0	0.0	0.0	5.4
22	16.8	23.5	19.7	82.0	18.701	16.4	11.2	0.0	11.2	0.4
23	15.3	24.6	19.7	80.2	18.891	16.6	15.3	0.0	15.3	2.4
24	14.4	23.0	19.3	87.0	19.595	17.1	0.0	0.2	0.2	4.2
25	14.9	23.8	19.8	88.4	20.630	17.9	12.6	3.3	15.9	4.2
26	17.4	23.4	20.2	89.8	21.672	18.7	0.0	5.2	5.2	1.0
27	17.0	22.8	19.4	91.9	20.742	18.1	5.6	34.7	40.3	0.7
28	15.5	22.2	18.3	87.5	18.840	16.5	3.3	0.0	3.3	0.6
29	15.6	22.9	19.2	93.0	20.691	18.0	1.1	0.2	1.3	2.3
30	15.5	20.8	18.3	90.7	18.989	16.7	1.4	0.0	1.4	0.4
PROM.	15.9	23.5	19.6	85.0	19.428	17.0	121.5	161.9	283.4	76.4

ESTACION: LA TRINIDAD
 ALTITUD: 1.430

MUNICIPIO: LIBANO
 LATITUD: 4-55 N.

AÑO: 1961
 LONGITUD: 75-04 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.9	22.0	18.2	85.9	18.364	16.1	2.1	5.1	7.2	1.5
2	16.2	24.5	18.8	84.6	18.742	16.4	3.1	2.2	5.3	2.5
3	15.6	23.3	18.4	89.2	18.972	16.6	0.5	0.0	0.5	1.1
4	15.0	21.9	18.8	88.1	19.381	17.0	0.0	0.0	0.0	3.5
5	16.4	21.2	18.8	92.5	20.163	17.6	2.7	35.9	38.6	0.3
6	14.9	22.2	18.0	88.5	18.358	16.2	0.3	0.1	0.4	3.2
7	15.2	24.2	19.6	84.7	19.474	17.1	0.0	33.7	33.7	4.3
8	14.4	21.7	17.9	84.9	17.668	15.6	12.9	9.8	22.7	3.5
9	15.1	19.7	17.6	92.6	18.826	16.5	4.7	7.3	12.0	0.0
10	14.6	22.5	18.9	89.8	19.687	17.2	6.5	15.8	22.3	1.8
11	15.7	23.5	19.4	86.1	19.490	17.1	0.0	0.0	0.0	5.4
12	16.6	22.6	18.7	90.3	19.741	17.3	22.3	0.0	22.3	1.3
13	15.5	23.2	20.0	84.9	19.904	17.4	0.0	15.1	15.1	3.8
14	15.0	22.9	19.2	85.2	18.744	16.5	7.9	0.0	7.9	3.2
15	14.9	24.0	20.3	80.7	19.120	16.8	0.0	28.9	28.9	6.0
16	15.6	21.0	17.7	94.1	19.148	16.8	14.3	0.0	14.3	2.4
17	14.5	23.9	20.9	82.7	20.567	17.9	0.0	3.4	3.4	7.5
18	17.4	21.9	19.2	92.7	20.761	18.1	1.2	0.0	1.2	0.4
19	15.5	22.7	19.1	87.9	19.435	17.0	0.0	0.0	0.0	4.2
20	16.5	25.2	19.6	83.4	19.690	17.2	0.0	0.0	0.0	8.8
21	15.5	25.7	20.9	79.5	19.957	17.4	0.0	0.0	0.0	6.7
22	16.9	24.0	20.1	87.0	20.700	18.0	0.0	0.0	0.0	6.3
23	17.2	23.0	19.5	88.5	20.102	17.6	0.0	1.2	1.2	0.4
24	17.0	23.8	20.0	86.4	20.299	17.7	0.0	20.8	20.8	2.4
25	16.7	22.2	18.3	92.4	19.586	17.1	0.0	6.4	6.4	2.2
26	16.6	22.7	19.6	95.6	21.621	18.7	0.0	0.0	0.0	0.0
27	17.4	23.7	20.2	92.8	22.017	19.0	0.4	15.6	16.0	6.3
28	16.9	23.9	21.0	84.1	20.800	18.1	7.6	62.3	69.9	0.0
29	15.2	22.5	19.8	87.4	20.054	17.5	0.0	0.2	0.2	1.9
30	16.8	22.6	19.8	81.0	18.647	16.4	2.9	48.9	51.8	2.0
31	16.5	22.8	19.6	90.0	20.454	17.8	0.8	0.9	1.7	4.4
PROM.	15.9	22.9	19.3	87.5	19.693	17.2	90.2	313.6	403.8	97.3

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.6	23.7	19.7	89.6	20.668	18.0	4.6	12.7	17.3	3.1
2	15.2	22.6	18.2	86.8	18.541	16.2	0.0	0.0	0.0	1.7
3	14.7	24.5	19.7	78.9	18.305	16.1	0.0	4.4	4.4	8.3
4	14.4	23.7	19.2	87.2	19.679	17.1	0.0	0.0	0.0	8.9
5	17.6	24.5	20.7	83.0	20.485	17.9	0.0	0.0	0.0	7.7
6	16.6	24.6	19.9	88.7	20.867	18.1	0.9	0.1	1.0	5.3
7	16.5	24.0	19.1	85.4	19.291	16.9	0.0	0.7	0.7	4.3
8	16.4	22.3	19.1	90.1	20.103	17.6	29.8	10.3	40.1	2.2
9	16.2	22.8	18.3	93.9	19.867	17.4	1.2	2.2	3.4	0.7
10	15.2	23.3	19.6	87.8	20.197	17.7	0.0	9.9	9.9	3.2
11	16.7	24.0	20.0	88.7	20.787	18.1	2.2	5.3	7.5	4.0
12	16.1	22.4	19.1	84.8	18.845	16.6	0.6	15.1	15.7	1.7
13	16.4	20.7	18.2	92.1	19.236	16.9	0.0	1.0	1.0	8.9
14	16.2	22.6	19.4	86.1	19.425	17.0	0.0	0.0	0.0	3.2
15	14.6	24.6	20.5	75.1	18.293	16.0	0.0	0.7	0.7	0.0
16	15.4	23.4	20.1	80.6	19.034	16.7	0.3	56.4	56.7	8.9
17	14.5	23.3	18.7	93.1	19.887	17.3	0.0	34.4	34.4	5.3
18	13.8	20.7	17.2	93.2	18.247	15.9	13.2	0.0	13.2	1.4
19	14.0	22.7	19.5	84.4	19.243	16.8	0.0	0.9	0.9	8.2
20	16.2	22.8	19.1	87.5	19.679	17.2	0.0	24.1	24.1	6.0
21	15.2	24.0	19.6	86.2	19.552	17.1	0.0	0.0	0.0	6.2
22	16.5	24.0	19.5	86.6	19.794	17.3	0.0	47.9	47.9	6.0
23	15.1	22.1	18.3	90.3	19.200	16.8	0.2	0.0	0.2	1.6
24	16.0	22.9	18.4	87.2	18.679	16.4	0.0	0.0	0.0	4.3
25	15.4	21.6	18.1	84.0	17.672	15.6	0.0	0.0	0.0	2.3
26	13.9	22.2	18.1	86.3	18.035	15.8	0.0	0.0	0.0	1.7
27	15.3	22.5	19.2	82.4	18.462	16.2	0.0	0.0	0.0	4.6
28	15.0	24.4	19.2	84.8	18.869	16.6	0.0	8.9	8.9	5.6
29	16.6	22.8	18.8	91.6	19.827	17.3	0.0	5.1	5.1	2.7
30	16.3	24.2	18.9	81.3	17.962	15.8	2.2	0.0	2.2	1.9
PROM.	15.7	23.1	19.1	86.7	19.291	16.9	55.2	240.1	295.3	127.9

ESTACION: LA TRINIDAD
 ALTITUD: 1.430

MUNICIPIO: LIBANO
 LATITUD: 4-55 N.

AÑO: 1.961
 LONGITUD: 75-04 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	22.5	18.7	86.1	18.847	16.5	0.0	2.4	2.4	2.9
2	15.1	23.0	19.3	83.7	19.151	16.8	0.0	0.0	0.0	6.4
3	14.8	23.7	19.3	89.2	20.029	17.5	0.0	0.0	0.0	5.7
4	15.5	22.5	18.3	82.8	17.754	15.6	0.0	0.0	0.0	3.7
5	14.4	23.5	19.6	87.7	19.931	17.4	0.0	0.0	0.0	3.8
6	14.6	22.7	19.7	85.6	19.719	17.2	0.0	2.1	2.1	6.2
7	16.0	24.3	19.7	82.2	18.996	16.7	0.0	0.0	0.0	7.5
8	15.0	25.2	20.8	70.8	17.214	15.1	0.0	0.0	0.0	4.7
9	15.4	24.4	19.0	83.3	18.060	15.9	0.0	0.0	0.0	4.5
10	15.2	23.2	19.1	85.7	19.139	16.8	0.0	0.2	0.2	2.8
11	16.0	23.0	19.1	86.3	18.939	16.7	0.0	1.4	1.4	4.1
12	16.0	24.8	18.6	88.0	19.013	16.7	0.0	0.0	0.0	3.8
13	15.1	24.5	18.6	75.8	16.376	14.4	0.0	4.5	4.5	6.2
14	14.0	22.8	18.6	87.3	18.509	16.3	1.0	2.4	3.4	2.7
15	15.2	23.0	18.6	86.8	18.725	16.5	0.0	0.0	0.0	3.8
16	15.5	23.5	19.4	81.2	18.161	16.0	0.0	1.5	1.5	5.2
17	16.0	20.5	17.4	92.9	18.890	16.6	4.4	0.0	4.4	0.0
18	13.0	22.6	18.5	80.3	17.169	15.0	0.0	20.0	20.0	7.4
19	15.2	22.7	18.3	88.0	18.427	16.2	12.5	0.0	12.5	5.4
20	15.0	23.9	18.6	76.3	16.311	14.3	0.0	0.0	0.0	8.2
21	14.0	24.5	18.2	68.1	14.258	12.2	0.0	0.0	0.0	7.3
22	12.4	24.0	19.5	70.6	16.176	14.1	0.0	0.0	0.0	9.3
23	14.4	25.5	20.0	62.1	14.099	11.9	0.0	0.0	0.0	10.6
24	12.0	25.2	19.6	53.6	12.046	9.7	0.0	0.0	0.0	11.3
25	12.0	25.0	20.1	54.4	12.474	10.2	0.0	0.0	0.0	11.3
26	12.4	25.5	19.5	64.4	14.496	12.5	0.0	0.0	0.0	11.3
27	13.0	25.8	20.2	61.4	14.279	12.3	0.0	0.0	0.0	10.6
28	13.4	25.7	19.5	64.9	14.551	12.6	0.0	0.0	0.0	10.7
29	14.2	24.6	19.2	71.6	16.083	14.1	0.0	0.0	0.0	6.2
30	14.0	25.9	19.9	69.8	15.801	13.8	0.0	0.0	0.0	6.1
31	14.2	25.5	19.3	69.5	15.430	13.5	0.0	0.0	0.0	8.7
PROM.	14.5	24.0	19.2	77.1	17.066	14.9	17.9	34.5	52.4	202.4

M E S - AGUSTO

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	26.8	21.0	56.3	14.166	12.1	0.0	0.0	0.0	9.7
2	14.3	26.5	20.6	68.0	16.105	14.1	0.0	0.0	0.0	8.3
3	15.0	24.7	19.6	76.9	17.462	15.4	0.0	0.0	0.0	2.5
4	15.6	26.7	20.5	70.1	16.719	14.7	0.0	0.0	0.0	8.6
5	14.1	27.6	21.8	59.9	14.790	12.7	0.0	0.0	0.0	9.8
6	16.0	26.2	20.2	75.6	18.030	15.9	0.0	0.0	0.0	7.2
7	17.0	23.4	18.9	91.4	20.288	17.7	4.5	0.0	4.5	1.5
8	16.2	24.0	20.2	79.8	18.675	16.4	0.0	13.0	13.0	6.6
9	15.1	22.8	18.4	88.9	18.782	16.5	0.0	0.0	0.0	0.9
10	14.1	26.1	20.4	71.2	17.115	15.1	0.0	0.0	0.0	9.1
11	15.2	24.7	19.9	84.6	19.837	17.3	0.0	11.3	11.3	6.2
12	16.0	22.4	18.4	89.7	19.393	17.0	2.0	0.0	2.0	0.0
13	14.5	23.6	19.8	73.9	16.567	14.5	0.0	0.0	0.0	3.3
14	14.0	23.6	18.2	81.0	16.918	14.9	0.0	0.0	0.0	2.5
15	14.0	26.0	20.4	69.8	17.048	14.9	0.0	2.0	2.0	10.2
16	16.8	25.7	21.8	73.4	19.314	17.0	0.0	13.9	13.9	7.7
17	15.0	23.7	18.6	89.8	19.347	16.9	4.0	16.0	20.0	3.0
18	14.4	23.6	19.5	82.2	18.466	16.3	0.0	0.0	0.0	6.3
19	14.0	24.7	20.0	65.2	14.908	12.9	0.0	0.0	0.0	10.3
20	13.5	25.0	19.2	65.8	14.509	12.5	0.0	0.0	0.0	11.3
21	15.6	25.6	20.7	67.4	16.596	14.6	0.0	26.3	26.3	9.8
22	14.6	24.8	18.8	80.4	17.205	15.1	0.6	2.3	2.9	4.3
23	16.2	23.0	18.7	89.7	19.399	17.0	0.3	0.0	0.3	1.1
24	15.4	24.0	19.3	87.2	19.542	17.1	0.0	7.6	7.6	5.8
25	14.4	23.1	18.2	85.4	18.064	15.9	0.4	0.0	0.4	4.4
26	13.0	23.7	19.1	81.4	18.082	15.7	0.0	0.0	0.0	8.6
27	14.6	24.9	20.4	77.5	18.747	16.5	0.0	0.0	0.0	9.8
28	13.2	25.0	20.0	81.5	19.229	16.8	0.0	0.0	0.0	8.1
29	15.2	24.8	19.0	79.4	18.103	15.8	11.8	0.7	12.5	4.7
30	15.3	23.5	18.6	84.6	18.057	15.9	0.0	28.8	28.8	6.3
31	15.1	21.2	17.7	90.1	18.242	16.0	1.5	0.0	1.5	1.0
PROM.	14.9	24.6	19.6	78.0	17.732	15.5	25.1	121.9	147.0	188.9

ESTACION: LA TRINIDAD
 ALTITUD: 1.430

MUNICIPIO: LIBANO AÑO: 1.961
 LATITUD: 4-55 N. LONGITUD: 75-04 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	21.8	18.1	83.4	17.260	15.2	0.0	0.0	0.0	1.1
2	15.0	22.8	18.5	85.2	18.342	16.1	0.0	2.1	2.1	7.3
3	15.0	22.7	19.1	86.2	18.862	16.5	13.3	28.6	41.9	5.1
4	15.6	22.5	17.6	91.7	18.711	16.4	0.0	4.7	4.7	0.0
5	16.5	23.4	19.3	85.5	18.945	16.6	0.2	2.4	2.6	1.9
6	17.0	22.6	19.1	88.2	19.525	17.1	0.0	0.0	0.0	2.3
7	16.1	23.4	18.5	89.1	19.193	16.8	0.0	0.0	0.0	3.9
8	15.0	24.5	20.4	75.6	18.296	16.1	0.0	16.9	16.9	9.2
9	15.4	22.9	19.9	85.7	20.009	17.5	0.0	0.9	0.9	6.7
10	16.4	24.4	20.2	82.6	19.739	17.2	1.0	22.1	23.1	3.7
11	15.6	22.9	18.1	88.5	18.538	16.3	1.4	0.0	1.4	4.1
12	15.1	24.2	20.0	79.6	18.798	16.5	0.0	0.0	0.0	7.5
13	16.7	24.6	20.6	76.5	18.859	16.5	0.0	0.0	0.0	9.9
14	15.2	25.5	19.4	77.7	18.196	15.9	3.1	37.4	40.5	9.4
15	14.0	21.8	17.5	92.7	18.616	16.3	0.0	0.0	0.0	1.0
16	15.0	23.4	18.6	79.7	17.196	15.1	0.0	0.0	0.0	7.4
17	15.3	24.4	19.7	77.0	17.755	15.6	0.0	0.0	0.0	8.1
18	14.3	24.6	19.8	80.2	18.942	16.6	0.0	0.0	0.0	9.1
19	15.4	23.8	19.4	80.5	18.338	16.1	1.2	0.0	1.2	2.5
20	16.4	24.4	20.2	83.5	20.106	17.6	0.0	0.0	0.0	7.7
21	15.2	25.1	20.5	66.7	16.008	14.0	0.0	0.0	0.0	7.1
22	14.0	26.4	20.8	60.4	14.730	12.7	0.0	0.0	0.0	8.8
23	14.0	26.7	20.6	56.7	13.759	11.7	0.0	0.0	0.0	10.4
24	14.3	26.0	21.2	62.5	15.744	13.7	0.0	0.0	0.0	9.4
25	14.4	26.4	20.6	67.4	16.415	14.4	0.0	1.3	1.3	10.1
26	16.0	27.0	20.5	71.5	16.927	14.8	0.0	0.0	0.0	8.0
27	14.0	25.5	19.3	71.8	16.147	14.2	0.0	0.0	0.0	4.4
28	16.4	24.6	20.4	86.1	20.797	18.0	0.0	0.0	0.0	3.8
29	17.0	25.0	20.8	82.1	20.289	17.7	0.0	15.2	15.2	4.7
30	15.0	25.9	21.6	69.0	18.145	15.7	0.0	33.5	33.5	8.9
PROM.	15.3	24.3	19.7	78.8	18.106	15.8	20.2	165.1	185.3	183.5

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	15.0	23.6	19.0	83.9	18.527	16.3	0.0	0.0	0.0	3.2
2	14.9	24.9	19.3	83.9	19.220	16.8	0.0	0.0	0.0	5.2
3	15.0	23.0	18.3	83.0	17.806	15.6	0.7	15.1	15.8	0.7
4	15.0	23.0	17.9	86.8	18.274	15.9	0.2	0.0	0.2	2.4
5	16.0	23.7	19.2	89.0	19.998	17.5	0.5	0.0	0.5	4.4
6	15.4	26.4	21.3	80.7	20.781	18.0	0.0	60.4	60.4	7.5
7	15.0	24.9	19.1	77.1	17.253	15.1	0.0	0.0	0.0	6.1
8	15.0	23.3	18.0	87.6	18.913	16.5	1.3	0.0	1.3	1.9
9	16.0	22.9	19.6	86.4	19.828	17.4	0.0	7.7	7.7	3.5
10	15.0	23.3	19.3	90.4	19.964	17.4	0.0	9.6	9.6	0.9
11	16.2	23.2	18.6	87.4	18.876	16.6	0.4	0.0	0.4	3.3
12	15.6	24.0	18.9	85.5	18.821	16.5	0.8	0.0	0.8	3.5
13	16.0	24.0	19.7	84.5	19.428	17.0	0.0	0.5	0.5	4.0
14	16.8	22.4	19.4	87.9	19.902	17.4	0.0	8.3	8.3	0.7
15	15.4	23.7	19.0	86.6	19.133	16.8	0.0	0.9	0.9	2.6
16	16.3	22.0	17.6	95.3	19.421	17.0	0.5	0.6	1.1	1.7
17	16.0	24.0	19.5	90.7	20.635	18.0	0.0	1.3	1.3	5.5
18	15.4	21.1	18.7	93.2	19.957	17.4	0.2	16.7	16.9	0.7
19	17.0	23.6	19.9	90.9	21.089	18.3	0.0	8.4	8.4	2.0
20	17.2	24.5	20.4	86.5	20.671	18.0	0.0	0.0	0.0	6.4
21	16.2	24.5	20.4	82.5	19.971	17.4	0.0	0.2	0.2	8.5
22	16.2	22.4	19.4	88.8	19.807	17.3	2.8	13.8	16.6	1.7
23	15.8	22.0	19.4	90.0	19.929	17.4	1.3	28.4	29.7	0.3
24	16.4	20.5	17.3	93.1	18.578	16.3	0.0	0.0	0.0	0.5
25	14.0	24.8	20.4	82.4	20.098	17.5	0.0	5.5	5.5	8.5
26	15.3	22.2	18.8	90.9	19.830	17.2	1.2	0.0	1.2	2.3
27	15.4	23.4	18.1	89.2	19.136	16.8	9.5	3.8	13.3	3.6
28	16.0	21.5	18.5	92.9	19.993	17.5	0.9	0.8	1.7	0.1
29	16.3	23.8	18.6	92.8	19.946	17.4	0.0	13.1	13.1	2.9
30	16.4	20.4	18.0	92.2	19.216	16.9	12.9	0.0	12.9	0.0
31	14.9	22.7	17.6	88.3	18.115	16.0	25.7	3.8	29.5	1.5
PROM.	15.7	23.2	19.0	87.8	19.455	17.0	58.9	198.9	257.8	96.1

ESTACION: LA TRINIDAD
 ALTITUD: 1.430

MUNICIPIO: LIBANO
 LATITUD: 4-55 N.

AÑO: 1961
 LONGITUD: 75-04 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	21.9	17.6	84.1	17.145	15.0	0.0	0.0	0.0	1.5
2	15.3	23.4	19.2	88.1	19.678	17.2	0.0	0.0	0.0	4.4
3	14.4	23.4	19.9	89.4	21.113	18.3	0.0	13.2	13.2	1.6
4	16.0	23.9	18.7	94.6	20.465	17.9	0.8	0.9	1.7	4.1
5	16.0	23.3	18.9	88.6	19.392	17.0	0.0	0.0	0.0	4.9
6	15.2	24.1	20.0	85.3	20.194	17.6	0.0	0.0	0.0	7.2
7	16.8	24.9	21.0	79.4	20.188	17.7	0.0	8.5	8.5	4.0
8	16.0	23.1	19.4	88.6	20.153	17.6	0.0	16.2	16.2	5.2
9	14.6	23.5	19.0	86.7	19.204	16.8	0.0	0.0	0.0	2.4
10	17.0	25.2	20.4	79.8	19.327	17.0	0.0	0.0	0.0	3.6
11	16.4	24.9	20.7	80.4	19.802	17.3	0.0	27.4	27.4	5.6
12	16.0	22.9	18.9	92.2	20.320	17.7	26.5	0.0	26.5	1.5
13	16.8	22.9	19.1	89.3	19.971	17.5	1.7	4.1	5.8	1.0
14	16.6	22.0	18.8	68.9	19.450	17.0	7.0	10.9	17.9	0.3
15	17.0	23.5	19.3	91.9	20.812	18.1	2.8	3.1	5.9	2.7
16	17.0	22.5	19.0	92.3	20.334	17.7	0.0	1.4	1.4	1.4
17	17.0	23.5	19.4	87.0	19.720	17.3	0.0	0.0	0.0	1.5
18	17.0	23.7	19.6	86.1	19.562	17.5	0.0	0.0	0.0	3.5
19	15.0	24.4	19.9	80.5	18.919	16.5	0.0	19.2	19.2	3.8
20	15.8	24.3	19.9	85.1	19.932	17.5	4.3	5.4	9.7	1.3
21	15.4	23.0	18.6	86.1	18.625	16.3	2.0	1.5	3.5	2.0
22	15.4	22.7	18.0	86.5	18.024	15.9	1.7	0.0	1.7	1.4
23	15.0	22.7	18.6	89.6	19.337	17.0	0.0	0.0	0.0	2.5
24	16.0	23.4	19.0	89.9	20.351	17.8	19.7	46.2	65.9	4.1
25	15.0	22.0	18.0	91.6	19.069	16.7	8.3	0.0	8.3	2.5
26	15.3	24.5	19.9	81.7	19.437	17.0	0.0	0.0	0.0	8.8
27	15.2	23.6	19.4	87.5	19.726	17.2	0.9	32.9	33.8	5.7
28	15.3	23.2	19.0	88.8	19.616	17.2	0.0	5.3	5.3	4.2
29	15.3	22.5	19.3	84.9	18.856	16.5	0.0	7.7	7.7	0.5
30	16.0	22.8	18.7	91.4	19.866	17.4	0.0	24.5	24.5	2.5
PROM.	15.9	23.4	19.2	87.2	19.633	17.2	75.7	228.4	304.1	95.7

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	15.3	23.4	19.8	89.3	20.654	18.0	0.0	1.3	1.3	4.3
2	14.8	24.2	19.7	87.5	20.373	17.7	0.0	0.0	0.0	3.9
3	14.1	24.0	19.8	83.8	19.684	16.9	0.0	0.0	0.0	3.9
4	15.2	24.5	19.9	83.1	19.657	17.1	0.0	0.0	0.0	4.4
5	16.9	24.4	19.5	83.0	19.305	16.9	2.7	4.3	7.0	1.5
6	15.3	23.7	19.0	92.7	20.512	17.8	12.8	2.3	15.1	2.1
7	15.4	23.6	19.6	89.7	20.533	17.9	0.0	6.1	6.1	4.3
8	16.4	22.5	19.2	93.1	20.605	18.0	21.6	0.0	21.6	1.2
9	15.6	24.3	19.9	82.0	19.494	17.1	0.0	0.0	0.0	7.5
10	15.7	22.7	19.2	90.2	20.195	17.6	0.0	0.0	0.0	0.9
11	15.1	23.3	19.5	87.0	19.865	17.4	13.3	0.0	13.3	4.1
12	16.0	23.6	19.0	89.3	19.921	17.4	0.0	0.0	0.0	3.8
13	14.6	23.9	19.5	90.0	20.489	17.8	0.0	1.1	1.1	3.2
14	14.6	24.8	20.7	83.8	20.452	17.7	0.0	0.0	0.0	6.4
15	15.4	24.5	19.7	81.6	18.870	16.5	0.0	0.0	0.0	4.3
16	14.5	24.5	20.1	81.0	19.446	16.9	0.0	0.0	0.0	8.9
17	14.5	24.8	19.9	81.5	19.320	16.8	0.0	0.0	0.0	9.9
18	15.5	24.7	19.9	81.5	19.256	16.8	0.0	0.0	0.0	8.2
19	14.5	23.7	19.3	86.5	19.514	17.1	0.0	0.0	0.0	2.4
20	15.3	24.7	20.0	84.2	19.820	17.3	0.0	0.0	0.0	3.5
21	15.6	22.5	18.7	88.0	19.198	16.8	8.9	0.0	8.9	1.2
22	14.0	23.1	19.7	85.6	19.652	17.2	0.0	1.5	1.5	2.8
23	16.0	22.7	19.6	91.4	20.835	18.1	0.0	0.0	0.0	1.4
24	15.0	24.7	20.4	78.1	18.862	16.4	0.0	0.9	0.9	8.6
25	15.4	23.3	18.8	83.5	18.171	15.8	0.0	0.3	0.3	2.7
26	15.9	22.3	19.1	53.0	20.410	17.8	0.0	3.6	3.6	2.7
27	16.9	23.9	20.4	89.9	21.473	18.6	0.0	0.0	0.0	1.7
28	15.5	24.9	20.8	80.0	19.843	17.3	0.0	1.4	1.4	3.9
29	15.9	20.3	18.4	91.3	19.535	17.1	0.0	0.0	0.0	8.5
30	14.4	24.4	19.1	85.4	18.868	16.5	0.0	5.4	5.4	0.0
31	15.5	23.4	19.5	86.7	19.740	17.2	0.3	0.3	0.6	3.6
PROM.	15.3	23.7	19.6	86.2	19.824	17.3	59.6	28.5	88.1	125.2

ESTACION: LA TRINIDAD

MUNICIPIO LIBANO

AÑO: 1.981

ALTITUD: 1.430

LATITUD: 4-55 N.

LONGITUD: 75-04 W.

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	14.9	24.0	19.2	12.4	25.6	79.8	17.918	15.7	85.0	12	187.2
FEBRERO	15.8	23.0	19.2	14.0	25.8	85.6	19.106	16.7	165.6	16	94.6
MARZO	16.0	24.9	20.2	14.0	26.4	79.8	18.996	16.6	64.3	11	161.2
ABRIL	15.9	23.5	19.6	13.5	26.7	85.0	19.428	17.0	283.4	26	76.4
MAYO	15.9	22.9	19.3	14.4	25.7	87.5	19.693	17.2	403.8	24	97.3
JUNIO	15.7	23.1	19.1	13.8	24.6	86.7	19.291	16.9	295.3	21	127.9
JULIO	14.5	24.0	19.2	12.0	25.9	77.1	17.066	14.9	52.4	10	202.4
AGOSTO	14.9	24.6	19.6	13.0	27.6	78.0	17.732	15.5	147.0	15	188.9
SEPTIEMBRE	15.3	24.3	19.7	14.0	27.0	78.8	18.106	15.8	185.3	13	183.5
OCTUBRE	15.7	23.2	19.0	14.0	26.4	87.8	19.455	17.0	257.8	26	96.1
NOVIEMBRE	15.9	23.4	19.2	14.4	25.2	87.2	19.633	17.2	304.1	20	95.7
DICIEMBRE	15.3	23.7	19.6	14.0	24.9	86.2	19.824	17.3	88.1	15	125.2
PROMEDIO	15.5	23.7	19.4	13.6	26.0	83.3	18.854	16.5			
TOTAL									2332.1	209	1636.4

ESTACION: CHAPETON

MUNICIPIO: IBAGUE

AÑO: 1.961

ALTITUD: 1.300

LATITUD: 4-27 N.

LONGITUD: 75-16 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	23.8	19.7	91.6	20.891	18.1	6.8	0.0	6.8	4.9
2	15.5	24.5	19.9	88.1	20.305	17.7	0.0	0.0	0.0	4.1
3	17.0	25.8	21.7	85.3	22.001	18.9	0.0	0.0	0.0	6.9
4	16.0	27.6	21.1	73.2	18.780	16.2	0.0	0.0	0.0	6.6
5	13.6	27.6	20.9	73.2	17.835	15.5	0.0	0.0	0.0	9.8
6	15.5	26.6	21.2	81.7	20.056	17.5	0.0	0.9	0.9	5.8
7	16.5	26.8	21.2	79.9	20.248	17.6	0.0	14.5	14.5	3.0
8	17.0	26.0	20.5	86.5	20.670	18.0	0.3	11.3	11.6	3.0
9	16.0	25.8	19.5	92.5	21.127	18.3	0.0	0.0	0.0	3.3
10	14.5	27.0	19.9	86.3	19.879	17.3	0.0	0.0	0.0	8.7
11	15.6	26.0	20.2	86.3	20.131	17.5	0.0	0.8	0.8	4.6
12	17.5	24.9	20.4	90.9	21.665	18.7	0.0	0.0	0.0	3.2
13	16.5	25.9	20.5	85.2	20.416	17.7	0.4	1.6	2.0	3.5
14	16.5	24.9	19.8	86.6	19.785	17.3	0.0	0.0	0.0	5.1
15	14.0	26.8	20.4	84.8	20.241	17.5	0.0	0.0	0.0	7.1
16	14.4	26.3	20.2	80.0	18.401	16.1	0.0	0.0	0.0	7.4
17	15.5	27.5	20.9	82.4	19.971	17.4	0.0	0.0	0.0	7.7
18	15.5	28.6	21.0	82.8	20.318	17.6	0.0	0.0	0.0	8.9
19	16.0	27.9	21.2	83.1	20.581	17.9	0.0	0.0	0.0	8.9
20	14.0	27.6	20.7	77.4	18.588	16.3	0.0	0.0	0.0	8.1
21	15.5	27.5	19.5	80.5	17.937	15.7	0.0	0.0	0.0	7.5
22	15.0	27.5	21.8	75.9	19.029	16.6	0.0	0.0	0.0	7.8
23	15.5	27.4	20.1	79.0	18.374	16.2	0.0	0.0	0.0	7.4
24	15.5	27.0	21.5	75.4	18.792	16.4	0.0	0.0	0.0	7.3
25	14.0	26.9	20.2	83.2	19.483	17.0	0.0	0.0	0.0	7.1
26	14.5	27.6	20.9	76.3	18.868	16.4	0.0	0.0	0.0	7.7
27	14.5	27.5	20.6	77.5	18.692	16.3	0.0	0.0	0.0	7.9
28	15.5	27.0	21.4	83.6	20.943	18.2	0.0	0.0	0.0	8.6
29	14.5	27.0	19.0	87.4	19.796	17.1	2.3	0.0	2.3	1.8
30	15.5	27.5	21.4	77.7	19.243	16.9	0.0	16.9	16.9	6.6
31	17.5	26.5	21.1	85.9	21.446	18.6	0.1	15.6	15.7	1.3
PROM.	15.5	26.7	20.6	82.6	19.822	17.2	9.9	61.6	71.5	193.6

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	17.0	26.5	20.5	81.0	19.198	16.8	2.4	0.0	2.4	1.4
2	14.6	28.5	21.3	72.3	18.724	16.3	0.0	0.0	0.0	6.6
3	17.0	25.4	20.6	86.2	20.786	18.1	6.7	0.0	6.7	2.4
4	17.0	25.6	20.5	85.2	20.329	17.7	0.4	5.3	5.7	1.7
5	17.6	26.0	20.4	82.3	19.605	17.2	2.1	0.0	2.1	0.2
6	15.5	27.5	20.4	77.2	18.425	16.1	0.0	0.0	0.0	3.7
7	16.0	27.5	21.6	76.0	19.491	16.9	0.0	1.2	1.2	5.3
8	17.0	27.6	22.0	76.9	20.064	17.5	0.0	3.0	3.0	7.2
9	18.0	27.0	20.9	86.5	21.119	18.3	14.3	0.0	14.3	4.7
10	18.5	23.6	20.4	94.2	22.486	19.4	0.0	0.0	0.0	8.0
11	16.5	27.6	22.3	74.6	19.840	17.3	0.0	0.0	0.0	8.0
12	17.5	25.5	20.7	85.9	20.975	18.2	0.0	0.0	0.0	1.1
13	16.0	25.8	21.5	76.0	19.471	16.9	0.0	9.9	9.9	4.5
14	16.6	27.0	20.1	92.0	21.669	18.7	7.0	0.0	7.0	2.2
15	17.0	27.6	21.1	83.0	20.473	17.8	0.0	0.0	0.0	4.5
16	17.0	26.0	20.4	95.0	22.492	19.3	0.2	0.6	0.8	3.1
17	17.5	28.5	22.2	81.4	21.671	18.8	3.8	0.0	3.8	0.3
18	17.0	27.6	22.5	70.3	19.229	16.8	0.0	0.6	0.6	5.8
19	17.6	25.0	20.7	86.8	21.128	18.3	1.3	0.0	1.3	1.4
20	16.5	26.5	22.1	81.8	21.441	18.6	4.5	0.0	4.5	2.6
21	17.6	25.0	20.9	88.0	21.556	18.7	0.0	0.0	0.0	5.1
22	17.0	26.8	20.9	83.4	20.411	17.8	0.0	1.2	1.2	4.8
23	17.0	23.6	19.9	92.5	21.652	18.7	7.8	2.0	9.8	1.2
24	17.5	25.5	20.4	88.3	21.192	18.4	5.3	0.0	5.3	3.3
25	17.6	24.5	19.6	97.7	22.228	19.1	13.0	0.0	13.0	1.1
26	16.6	26.5	20.7	90.1	21.905	18.9	0.0	0.0	0.0	4.3
27	17.6	27.9	22.6	74.4	20.006	17.5	0.0	0.0	0.0	7.8
28	16.5	27.5	22.7	77.2	20.766	18.0	0.0	0.0	0.0	6.2
PROM	17.0	26.4	21.1	83.4	20.655	17.9	68.8	23.8	92.6	110.5

ESTACION: CHAPETON
 ALTITUD: 1.300

MUNICIPIO: IBAGUE
 LATITUD: 4-27 N.

AÑO: 1.961
 LONGITUD: 75-16 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	28.8	23.0	73.1	19.462	16.6	0.0	0.0	0.0	7.2
2	18.5	28.9	23.1	68.8	18.663	16.4	0.0	0.0	0.0	8.5
3	16.0	27.9	22.2	77.0	19.617	17.1	0.0	0.0	0.0	5.2
4	16.6	28.8	22.0	72.3	18.679	16.3	0.0	0.0	0.0	7.0
5	16.6	29.5	22.2	79.3	20.658	18.0	0.0	41.9	41.9	7.7
6	17.5	25.5	20.4	91.2	21.735	18.8	0.6	0.0	0.6	2.9
7	16.5	27.0	22.2	82.1	21.697	18.7	1.7	16.3	18.0	7.1
8	16.5	27.5	22.2	86.6	23.346	19.9	0.0	0.5	0.5	0.0
9	17.5	24.8	20.3	92.3	21.927	19.0	2.8	6.8	9.6	1.5
10	18.5	25.5	20.9	90.0	22.149	19.1	0.0	0.0	0.0	1.3
11	17.0	26.5	21.9	87.4	22.557	19.3	0.0	0.0	0.0	5.0
12	17.0	26.5	22.1	84.9	22.150	19.0	0.0	0.0	0.0	3.7
13	16.6	26.5	21.4	76.8	20.371	17.6	0.0	0.0	0.0	3.4
14	15.5	26.0	21.9	76.0	20.277	17.4	0.0	0.0	0.0	5.2
15	17.5	26.0	21.9	91.3	23.718	20.2	0.7	0.0	0.7	2.7
16	17.5	26.0	22.1	80.5	21.684	18.6	0.0	0.0	0.0	4.3
17	17.0	27.6	21.7	89.5	23.138	19.8	0.0	0.0	0.0	6.0
18	14.5	27.4	21.9	87.6	22.583	19.4	0.0	0.0	0.0	7.3
19	16.6	27.0	22.8	87.9	24.526	20.7	0.0	0.2	0.2	2.6
20	17.0	27.5	21.5	83.4	21.193	18.4	0.0	0.0	0.0	6.4
21	16.4	26.6	21.4	82.3	20.524	17.9	0.0	0.0	0.0	7.2
22	17.6	26.5	21.5	83.5	21.274	18.5	0.4	0.0	0.4	1.9
23	17.5	27.5	21.7	81.8	20.957	16.2	0.0	0.0	0.0	7.2
24	16.6	28.3	21.1	81.0	19.770	17.3	0.0	12.9	12.9	7.4
25	17.0	26.8	21.3	82.2	20.307	17.7	0.0	0.0	0.0	8.1
26	16.5	25.5	19.2	88.9	20.219	17.7	5.7	0.0	5.7	1.9
27	15.3	26.5	21.4	81.7	20.572	17.8	0.0	0.0	0.0	7.3
28	15.5	28.5	22.6	88.9	18.888	16.5	0.3	0.0	0.3	9.6
29	17.5	27.5	22.8	66.5	18.694	16.2	0.0	0.0	0.0	7.0
30	17.5	27.5	20.5	84.4	20.535	17.9	3.5	3.1	6.6	4.2
31	16.4	27.6	21.4	84.4	21.426	18.6	0.0	0.0	0.0	6.6
PROM.	16.8	27.1	21.7	82.2	21.074	18.2	15.7	81.7	97.4	161.4

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	15.0	28.6	21.4	76.5	18.872	16.5	0.0	0.0	0.0	9.6
2	16.5	28.5	21.8	81.0	20.676	18.0	0.0	0.0	0.0	4.4
3	18.0	28.5	22.9	71.3	19.935	17.4	0.0	2.8	2.8	2.1
4	17.6	26.6	20.2	93.0	22.045	19.0	2.8	7.0	9.8	4.0
5	18.0	23.0	19.8	86.1	20.052	17.5	1.5	14.0	15.5	0.1
6	15.5	26.5	21.6	85.6	21.550	18.6	0.0	20.0	20.0	6.2
7	17.5	25.5	20.9	88.2	21.659	18.7	2.3	0.9	3.2	1.8
8	18.0	26.6	21.5	78.7	19.835	17.4	9.0	0.6	9.6	2.4
9	18.0	26.8	21.7	80.5	20.825	18.0	0.3	0.0	0.3	6.1
10	17.5	27.5	21.8	89.2	23.082	19.7	0.0	0.0	0.0	2.8
11	19.5	27.6	22.5	83.4	23.085	19.8	0.0	0.4	0.4	1.4
12	18.0	23.0	20.4	94.4	22.660	19.5	19.1	0.0	19.1	0.0
13	17.5	25.3	20.7	83.4	20.514	17.8	1.1	1.5	2.6	1.2
14	17.0	26.5	21.1	87.8	22.157	19.1	0.0	1.9	1.9	0.0
15	17.5	24.8	20.5	92.3	22.161	19.1	0.6	0.0	0.6	0.9
16	17.0	25.6	19.8	91.2	21.177	18.4	0.3	0.2	0.5	1.4
17	17.0	25.9	21.5	84.1	21.554	18.7	3.0	5.5	8.5	2.2
18	17.0	26.8	20.8	85.9	21.552	18.6	1.2	12.0	13.2	5.6
19	16.6	19.5	18.2	94.8	19.787	17.3	1.3	0.0	1.3	0.0
20	13.6	23.6	19.2	93.4	20.546	17.9	0.0	0.0	0.0	2.5
21	16.6	26.9	21.3	85.9	21.414	18.5	0.0	0.6	0.6	6.8
22	17.7	24.6	20.7	83.3	20.110	17.6	3.1	0.0	3.1	0.1
23	15.5	25.9	21.2	89.6	22.405	19.2	0.0	0.0	0.0	7.1
24	17.5	25.9	20.7	89.0	21.566	18.7	2.8	0.0	2.8	1.6
25	16.5	27.6	21.8	82.5	21.042	18.3	1.5	8.4	9.9	6.4
26	17.5	27.5	21.9	80.3	21.034	18.2	0.0	0.0	0.0	3.6
27	17.5	25.3	20.2	94.0	21.905	18.9	23.9	0.0	23.9	0.0
28	17.5	25.0	20.1	94.4	22.140	19.1	0.8	0.1	0.9	0.2
29	17.5	24.9	19.6	90.2	20.874	18.2	19.0	1.7	20.7	3.1
30	18.0	24.8	20.7	89.2	21.768	18.8	0.0	0.3	0.3	1.1
PROM.	17.1	25.8	20.9	86.6	21.266	18.4	93.6	77.9	171.5	84.7

ESTACION: CHAPETON

MUNICIPIO: IBAGUE

AÑO:

1.981

ALTITUD: 1.300

LATITUD: 4-27 N.

LONGITUD: 75-16 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	24.0	19.9	90.4	21.163	18.4	0.1	0.0	0.1	0.3
2	17.4	25.9	21.4	83.3	21.184	18.4	0.7	0.0	0.7	5.9
3	17.5	24.6	20.9	81.1	19.910	17.4	0.0	2.3	2.3	3.5
4	18.0	23.0	19.6	94.9	21.740	18.8	1.5	0.0	1.5	0.0
5	17.0	25.9	20.7	86.2	21.027	18.3	8.3	56.7	65.0	2.8
6	16.5	24.4	19.6	88.6	20.089	17.6	2.2	0.0	2.2	0.5
7	16.7	26.5	21.0	86.4	21.587	18.6	9.6	14.0	23.6	5.0
8	14.5	23.6	19.4	90.0	20.217	17.6	6.6	0.0	6.6	0.5
9	16.8	22.8	19.7	92.8	21.171	18.4	0.0	0.0	0.0	0.0
10	15.5	26.0	21.6	84.0	21.216	18.4	0.0	27.9	27.9	5.7
11	16.8	26.3	21.0	89.0	21.741	18.7	0.1	2.1	2.2	5.6
12	17.5	25.0	21.4	86.2	21.879	18.9	9.8	0.0	0.8	3.9
13	15.4	26.5	22.0	80.7	21.481	18.4	0.0	5.2	5.2	7.0
14	18.5	25.0	20.1	94.5	22.164	19.1	0.0	0.0	0.0	2.4
15	18.0	26.6	22.1	87.3	22.921	19.6	0.0	14.2	14.2	6.1
16	17.8	23.0	19.3	95.3	21.453	18.6	1.9	0.0	1.9	1.1
17	16.5	27.6	21.8	82.8	21.890	19.0	0.0	0.5	0.5	5.3
18	18.0	26.5	20.2	85.2	20.383	17.8	0.0	0.0	0.0	0.8
19	15.0	27.5	20.9	81.8	19.676	17.1	0.0	0.0	0.0	9.0
20	16.5	28.0	22.3	76.3	20.071	17.5	0.0	0.0	0.0	8.0
21	18.0	28.8	22.7	74.4	19.970	17.4	0.0	1.4	1.4	1.4
22	17.4	28.2	22.0	81.0	21.026	18.2	0.0	4.2	4.2	5.3
23	18.0	25.6	21.5	90.8	23.262	19.9	0.7	7.3	8.0	0.3
24	17.5	25.5	21.6	84.7	21.934	19.0	2.4	7.3	9.7	4.2
25	18.0	23.4	20.6	89.9	21.798	18.9	0.0	0.0	0.0	1.2
26	17.5	26.5	22.0	87.7	22.799	19.5	0.2	8.2	8.4	0.3
27	17.5	27.5	22.5	81.8	22.057	19.0	0.0	14.1	14.1	1.1
28	17.5	27.5	21.9	80.8	21.808	18.8	2.1	15.0	17.1	5.4
29	17.5	25.6	20.4	87.8	21.064	18.3	0.0	0.0	0.0	5.4
30	17.0	26.6	21.3	84.0	21.247	18.5	0.6	4.3	4.9	3.2
31	17.5	26.0	21.2	81.0	20.101	17.6	0.0	0.0	0.0	3.4
PROM.	17.1	25.8	21.1	85.8	21.291	18.4	37.8	184.7	222.5	104.6

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	25.0	21.4	87.9	21.564	18.8	0.0	1.9	1.9	4.4
2	18.0	24.9	21.3	84.7	21.285	18.5	0.0	0.0	0.0	1.8
3	16.6	26.9	21.0	83.9	20.342	17.7	0.0	0.0	0.0	8.1
4	16.6	27.5	22.2	71.7	19.352	16.7	0.0	0.0	0.0	7.8
5	18.0	27.5	22.2	77.3	20.816	18.1	0.0	0.0	0.0	9.4
6	16.5	27.5	21.3	85.0	21.447	18.6	0.0	1.9	1.9	8.4
7	19.0	25.3	20.4	87.8	21.258	18.4	0.0	11.8	11.8	1.1
8	18.6	26.9	20.7	84.4	20.698	18.0	19.5	11.4	30.9	4.0
9	17.6	25.5	21.6	87.9	22.126	19.0	0.4	3.6	4.0	2.5
10	17.6	25.6	21.4	88.5	22.139	19.0	0.1	24.3	24.4	2.1
11	18.6	26.5	21.0	92.2	23.361	19.9	3.2	10.9	14.1	4.1
12	17.0	25.9	20.0	85.6	20.300	17.7	17.9	2.5	20.4	1.8
13	17.9	24.6	21.1	85.0	21.415	18.5	0.0	1.4	1.4	0.7
14	18.6	26.8	21.9	82.6	21.813	18.8	0.0	0.0	0.0	7.4
15	16.9	28.0	23.0	74.2	20.761	18.0	0.0	0.0	0.0	7.0
16	16.5	26.5	21.6	82.0	20.677	17.9	0.0	18.5	18.5	8.0
17	17.0	27.5	22.1	76.2	19.907	17.4	0.0	9.1	9.1	6.6
18	17.5	24.5	18.6	88.4	19.231	16.9	24.7	0.0	24.7	0.6
19	16.8	27.5	21.9	85.6	22.231	19.1	0.0	8.9	8.9	8.9
20	18.5	27.0	22.5	83.5	22.421	19.3	1.0	1.5	2.5	5.7
21	18.0	26.9	21.5	84.5	21.723	18.8	0.0	0.0	0.0	7.2
22	17.5	26.9	20.9	83.1	20.536	17.9	0.0	5.6	5.6	6.7
23	17.5	27.6	22.6	66.8	17.909	15.8	0.0	0.0	0.0	5.7
24	17.5	26.0	21.1	79.2	19.474	17.0	0.0	0.0	0.0	0.2
25	17.5	26.8	21.8	76.6	19.298	16.7	0.0	0.0	0.0	3.6
26	15.5	26.6	22.1	75.5	19.810	17.1	0.0	0.0	0.0	2.0
27	16.5	27.5	23.0	75.3	20.005	17.3	0.0	0.0	0.0	6.8
28	18.0	27.3	23.0	70.7	19.809	17.3	0.0	0.0	0.0	2.3
29	18.0	25.5	21.1	86.7	21.623	18.7	9.0	11.9	20.9	2.4
30	17.5	24.9	19.7	90.0	20.468	17.9	4.6	0.1	4.7	1.8
PROM.	17.4	26.4	21.5	82.1	20.807	18.0	80.4	125.3	205.7	139.1

ESTACION: CHAPETON

MUNICIPIO: IBAGUE

AÑO: 1.961

ALTITUD: 1.300

LATITUD: 4-27 N.

LONGITUD: 75-16 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	24.5	21.0	87.1	21.104	18.3	0.0	12.5	12.5	2.2
2	17.6	25.6	20.5	88.8	21.257	18.5	0.0	0.0	0.0	6.3
3	17.5	24.9	21.4	83.4	20.780	18.1	15.3	0.0	15.3	1.9
4	16.6	25.6	21.1	85.6	20.938	18.2	0.0	0.0	0.0	3.4
5	17.5	26.0	21.0	85.9	21.062	18.3	0.0	13.2	13.2	6.5
6	16.6	26.2	21.4	84.2	20.881	18.1	0.0	11.6	11.6	4.4
7	17.5	29.0	21.9	80.9	21.300	18.5	0.0	0.0	0.0	6.2
8	17.0	27.6	22.4	76.3	20.380	17.8	0.0	0.0	0.0	6.4
9	17.5	27.5	22.6	75.6	20.031	17.4	0.7	3.4	4.1	5.1
10	18.0	26.8	22.2	79.6	20.657	17.9	0.0	0.0	0.0	3.0
11	18.6	26.6	22.3	81.5	21.482	18.6	4.0	0.0	4.0	4.7
12	17.5	26.6	21.9	79.2	20.339	17.7	0.0	0.0	0.0	4.8
13	17.0	27.4	20.3	67.1	16.081	14.0	0.0	0.0	0.0	5.7
14	15.6	25.8	20.4	80.5	19.055	16.7	0.0	6.3	6.3	3.6
15	16.0	25.0	19.5	80.6	17.976	15.8	0.0	0.0	0.0	3.3
16	15.5	25.5	20.0	82.4	19.179	16.8	0.5	5.5	6.0	3.7
17	16.5	23.5	18.7	84.1	18.316	15.9	42.0	0.0	42.0	0.2
18	15.0	25.0	20.9	78.8	19.208	16.8	0.0	4.1	4.1	6.3
19	16.6	25.5	20.5	81.2	19.530	17.1	0.0	0.0	0.0	6.9
20	16.5	25.7	20.6	77.1	18.163	15.9	0.0	0.0	0.0	5.4
21	15.5	26.5	22.3	71.4	17.710	15.1	0.0	0.0	0.0	6.0
22	13.5	26.5	21.9	72.7	17.626	15.4	0.0	0.0	0.0	8.1
23	16.5	27.5	22.1	68.1	17.356	14.9	0.0	0.0	0.0	8.7
24	14.0	27.4	23.7	52.6	14.478	12.3	0.0	0.0	0.0	10.1
25	14.5	27.5	23.5	70.3	18.866	16.1	0.0	0.0	0.0	9.3
26	14.0	27.5	23.1	69.1	18.474	15.6	0.0	0.0	0.0	9.9
27	14.5	27.6	21.9	69.9	17.464	15.1	0.0	0.0	0.0	6.0
28	15.0	26.5	21.7	71.8	18.000	15.6	0.0	0.0	0.0	2.9
29	14.0	25.5	22.2	67.5	17.896	15.3	0.0	0.0	0.0	3.6
30	16.5	27.6	23.6	73.2	20.022	17.3	0.0	0.0	0.0	5.1
31	17.5	26.3	21.9	75.8	19.284	16.7	0.0	0.0	0.0	3.7
PROM.	16.2	26.3	21.6	76.8	19.190	16.6	62.5	56.6	119.1	163.4

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	27.4	21.9	69.9	18.392	16.0	0.0	0.0	0.0	2.9
2	16.6	27.5	22.2	71.9	18.236	15.9	0.0	0.0	0.0	6.1
3	16.6	27.5	21.8	65.0	17.175	15.1	0.0	0.0	0.0	4.6
4	14.5	27.9	21.2	72.5	18.001	15.8	0.0	0.0	0.0	9.3
5	16.5	29.5	22.9	70.4	18.598	16.2	0.0	0.0	0.0	8.0
6	16.5	27.9	23.5	65.8	18.132	15.9	0.0	0.0	0.0	6.4
7	15.5	25.0	19.6	91.1	21.011	18.3	1.1	0.4	1.5	2.5
8	17.5	26.5	20.3	80.9	19.116	16.8	2.6	7.3	9.9	6.5
9	16.5	25.5	22.1	64.9	17.004	14.9	0.0	0.0	0.0	1.9
10	16.5	27.5	20.8	73.2	17.566	15.4	0.0	0.0	0.0	7.3
11	15.0	27.5	21.3	77.3	19.174	16.8	0.0	10.3	10.3	6.7
12	17.0	23.5	19.2	94.5	21.448	18.5	11.7	0.0	11.7	0.1
13	16.0	26.0	21.0	71.0	16.902	14.8	0.0	0.0	0.0	3.1
14	15.5	25.0	19.1	72.3	15.895	13.9	0.0	0.0	0.0	0.6
15	14.0	27.6	19.7	79.0	17.959	15.8	0.0	0.0	0.0	9.4
16	16.8	26.5	22.4	76.7	20.217	17.6	0.0	2.2	2.2	6.8
17	17.0	25.5	21.2	80.5	19.967	17.4	0.0	19.3	19.3	4.4
18	16.5	26.5	20.9	78.0	19.120	16.7	0.0	0.2	0.2	6.2
19	17.5	27.0	20.4	70.7	16.557	14.4	0.0	0.0	0.0	4.6
20	15.0	27.5	21.2	64.4	15.287	13.3	0.0	0.0	0.0	8.0
21	15.0	27.0	21.2	69.6	17.449	15.3	0.0	4.3	4.3	9.4
22	17.0	24.5	20.3	86.8	20.519	17.9	0.0	0.0	0.0	2.9
23	15.0	25.5	20.6	83.1	19.785	17.3	2.7	0.0	2.7	4.3
24	16.5	27.5	21.5	72.7	18.441	16.2	0.0	12.4	12.4	7.8
25	16.0	24.5	19.4	79.9	17.936	15.8	17.9	0.0	17.9	2.7
26	14.0	26.0	20.8	78.8	18.636	16.3	0.0	0.0	0.0	9.1
27	16.5	27.0	20.8	72.2	17.585	15.5	0.0	0.0	0.0	6.8
28	16.0	26.5	21.1	79.4	19.444	17.0	0.0	0.0	0.0	8.1
29	16.5	26.0	19.2	78.3	17.485	15.4	12.2	0.2	12.4	6.5
30	16.0	26.5	20.8	78.1	18.597	16.7	0.0	2.4	2.4	6.0
31	16.5	23.0	19.0	82.9	18.554	16.3	4.8	0.0	4.8	0.5
PROM.	16.1	26.4	20.9	75.9	18.406	16.1	53.0	59.0	112.0	172.3

ESTACION: CHAPETON

MUNICIPIO: IBAGUE

AÑO: 1.981

ALTITUD: 1.300

LATITUD: 4-27 N.

LONGITUD: 75-16 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	23.0	19.8	69.2	16.154	14.2	6.5	0.0	6.5	0.4
2	14.0	25.5	19.8	80.8	18.326	16.1	0.0	0.0	0.0	6.2
3	16.5	25.5	20.6	76.2	18.280	16.0	0.2	1.0	1.2	4.1
4	16.5	25.5	20.0	85.6	20.026	17.5	5.4	0.0	5.4	1.7
5	16.5	25.5	18.8	91.9	19.955	17.4	58.7	0.0	58.7	4.0
6	17.0	26.0	21.8	70.1	18.456	16.2	0.0	0.0	0.0	2.8
7	16.5	24.5	19.6	86.8	19.671	17.2	9.7	0.0	9.7	3.2
8	15.5	27.5	20.3	82.0	19.204	16.8	0.1	3.5	3.6	4.3
9	15.5	27.5	21.3	76.5	18.693	16.4	0.0	0.4	0.4	7.7
10	16.5	27.4	21.5	78.4	19.638	17.2	0.0	9.4	9.4	9.0
11	16.5	23.5	19.3	84.6	19.064	16.6	0.0	0.0	0.0	0.9
12	15.5	26.0	21.0	83.2	20.715	18.0	0.0	0.0	0.0	10.0
13	16.0	26.3	20.6	73.3	17.955	15.7	0.0	0.0	0.0	9.1
14	16.5	26.5	20.2	82.8	19.568	17.2	12.0	39.1	51.1	7.8
15	15.0	24.0	19.3	84.7	18.988	16.7	0.0	0.0	0.0	1.4
16	15.0	25.5	20.0	74.7	16.884	14.7	0.0	0.0	0.0	3.8
17	14.5	25.5	19.9	80.5	18.023	15.7	0.0	0.0	0.2	3.6
18	14.0	27.0	21.8	73.7	18.832	16.5	0.0	0.0	0.0	9.5
19	15.5	24.5	17.0	95.7	18.385	16.2	55.4	0.0	55.4	2.6
20	16.8	27.0	21.7	76.6	19.954	17.4	0.0	0.0	0.0	8.9
21	17.3	27.5	20.3	90.9	22.222	19.1	0.0	0.0	0.0	4.2
22	14.5	27.0	22.0	59.5	15.858	13.7	0.0	0.0	0.0	7.3
23	15.5	29.0	22.3	55.5	14.597	12.5	0.0	0.0	0.0	10.0
24	17.5	28.0	22.6	61.4	16.615	14.4	0.0	0.0	0.0	8.3
25	16.5	28.0	21.7	68.7	17.893	15.6	0.0	0.0	0.0	8.8
26	17.5	28.5	21.9	62.0	16.319	14.3	0.0	0.0	0.0	7.0
27	15.5	28.5	21.0	68.4	16.944	14.9	0.0	0.0	0.0	7.4
28	16.5	27.5	21.2	70.5	17.791	15.6	0.0	0.0	0.0	6.9
29	17.5	29.5	22.1	79.5	20.779	18.1	0.4	20.3	20.7	8.0
30	15.5	28.0	21.8	81.1	20.756	18.0	0.0	5.4	5.4	9.5
PROM.	16.0	26.5	20.7	76.8	18.552	16.2	148.4	79.3	227.7	176.4

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	25.5	21.0	81.2	20.219	17.7	0.0	0.0	0.0	4.4
2	14.5	25.5	21.4	79.6	20.244	17.6	0.0	0.0	0.0	8.0
3	16.6	25.5	20.2	80.0	18.687	16.4	0.0	1.3	1.3	6.0
4	16.5	25.5	19.7	92.2	21.183	18.4	30.0	0.0	30.0	1.8
5	16.6	26.6	20.8	81.4	19.894	17.3	0.0	0.0	0.0	7.0
6	15.0	27.5	21.8	81.9	20.727	18.0	0.0	51.5	51.5	8.6
7	16.0	26.5	20.5	76.1	18.231	16.0	0.0	0.0	0.0	7.7
8	15.5	24.5	18.4	89.5	18.891	16.6	4.0	2.8	6.8	3.4
9	16.5	26.0	21.8	82.2	21.623	18.7	0.0	9.7	9.7	4.1
10	16.6	24.5	20.8	79.8	19.596	17.2	2.3	0.0	2.3	3.9
11	16.0	24.5	20.3	85.5	20.659	18.0	13.2	0.0	13.2	5.2
12	17.5	25.0	21.0	84.1	20.796	18.1	0.0	0.0	0.0	5.2
13	16.5	25.5	18.9	88.0	19.455	17.0	9.7	0.0	9.7	6.8
14	15.5	25.5	20.1	86.7	20.189	17.6	1.5	2.8	4.3	3.2
15	17.0	23.5	19.2	89.4	20.288	17.7	0.4	1.5	1.9	1.8
16	16.0	24.0	19.7	80.2	18.201	15.8	0.0	0.0	0.0	3.2
17	16.5	25.5	20.8	84.0	20.447	17.8	0.0	9.6	9.6	5.0
18	16.4	25.5	20.7	81.3	19.763	17.3	0.5	0.3	0.8	2.2
19	16.5	25.0	21.2	81.2	20.274	17.7	0.0	0.0	0.0	7.2
20	14.5	26.5	20.6	82.1	19.657	17.2	0.0	0.0	0.0	9.1
21	16.5	26.5	21.1	78.6	19.368	16.9	0.0	2.0	2.0	9.3
22	16.0	26.0	20.8	76.4	18.351	16.2	2.5	0.2	2.7	4.3
23	17.0	25.5	20.5	86.9	20.780	18.1	0.2	6.1	6.3	4.7
24	16.6	22.0	19.1	92.9	20.682	18.0	6.1	0.0	6.1	0.0
25	14.0	25.5	19.8	84.9	19.296	16.9	0.0	0.0	0.0	6.0
26	17.5	26.0	21.8	69.9	16.250	16.0	0.0	0.0	0.0	3.1
27	16.0	23.0	18.3	93.5	19.637	17.2	16.2	0.0	16.2	2.8
28	16.0	23.5	20.1	88.8	20.739	18.0	1.1	0.0	1.1	1.6
29	15.6	25.0	20.8	86.6	21.015	18.3	0.0	2.5	2.5	3.5
30	17.0	22.0	18.8	93.2	20.479	17.8	5.3	0.0	5.3	0.0
31	14.0	25.0	20.6	78.2	19.355	17.0	7.7	0.5	8.2	2.5
PROM.	16.1	25.0	20.3	83.8	19.902	17.4	100.7	90.8	191.5	141.6

ESTACION: CHAPETON
 ALTITUD: 1.300

MUNICIPIO: IBAGUE

AÑO: 1.961

LATITUD: 4-27 N.

LONGITUD: 75-16 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	23.6	20.4	86.5	20.739	18.0	0.0	0.0	0.0	2.0
2	15.5	23.5	20.5	88.2	20.914	18.1	0.0	0.0	0.0	7.0
3	15.5	23.5	20.9	86.1	21.285	18.4	0.0	4.6	4.6	6.6
4	17.0	24.5	19.7	90.3	20.488	17.8	1.0	64.8	65.8	3.0
5	15.5	25.5	20.8	80.7	19.382	16.9	4.4	5.7	10.1	7.5
6	16.0	26.0	21.3	78.5	19.900	17.3	0.0	0.0	0.0	8.2
7	16.0	25.5	21.1	85.2	21.514	18.6	0.2	13.1	13.3	6.1
8	16.5	25.0	21.1	85.1	21.057	18.3	2.8	32.7	35.5	5.4
9	16.0	24.8	20.6	85.7	20.692	18.0	0.0	0.0	0.0	6.2
10	16.5	25.5	20.7	82.6	20.188	17.6	0.0	0.0	0.0	6.5
11	16.0	26.0	19.7	89.0	20.794	18.0	0.0	50.4	50.4	0.6
12	15.4	24.5	20.0	88.6	20.594	18.0	1.9	0.1	2.0	1.5
13	15.5	24.5	19.9	89.3	20.843	18.0	1.8	0.0	1.8	5.4
14	16.5	24.3	19.9	93.4	21.661	18.7	1.9	0.0	1.9	0.9
15	16.6	24.5	21.4	87.2	22.267	19.2	3.3	32.5	35.8	5.1
16	17.5	24.0	19.9	88.5	20.727	18.1	0.0	0.0	0.0	3.2
17	16.5	25.3	20.4	90.5	21.502	18.6	10.1	24.8	34.9	5.8
18	16.0	24.5	21.4	82.5	21.101	18.1	0.0	0.0	0.0	0.5
19	16.5	25.0	20.6	91.0	21.735	18.8	18.7	1.1	19.8	6.3
20	17.3	24.0	19.7	95.9	21.824	18.8	10.5	0.0	10.5	2.0
21	17.0	23.0	19.6	88.2	20.185	17.6	12.5	0.0	12.5	1.0
22	16.0	23.5	19.8	91.5	21.162	18.4	0.4	0.0	0.4	1.8
23	15.5	25.8	19.8	85.0	19.524	17.1	16.5	0.3	16.8	3.0
24	17.5	25.0	20.0	90.2	21.291	18.5	2.6	7.1	9.7	1.9
25	16.5	24.0	19.7	85.0	19.622	17.2	0.0	0.0	0.0	2.0
26	15.5	25.0	21.2	83.4	20.737	18.0	0.0	0.0	0.0	8.0
27	16.0	25.5	19.8	87.8	20.453	17.8	3.0	1.7	4.7	4.5
28	17.0	24.0	19.7	88.1	20.293	17.7	5.0	0.0	5.0	3.0
29	16.0	25.0	20.7	85.0	20.675	18.0	0.5	7.9	8.4	1.9
30	16.8	23.0	20.2	89.4	21.188	18.4	0.0	4.6	4.6	3.1
PROM.	16.3	24.7	20.4	87.3	20.811	18.1	97.1	251.4	348.5	132.0

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	17.5	24.8	20.8	84.3	20.756	18.0	0.0	4.1	4.1	6.6
2	16.4	25.6	20.9	86.1	20.885	18.1	0.8	0.0	0.8	3.0
3	15.6	26.5	21.7	75.6	19.566	17.3	0.0	0.0	0.0	4.2
4	15.4	26.5	21.7	81.7	21.400	18.6	0.0	0.0	0.0	2.7
5	16.6	24.5	19.8	88.1	20.600	17.9	24.5	6.3	30.8	1.4
6	15.5	24.5	20.3	85.4	20.332	17.7	0.0	43.5	43.5	4.7
7	17.5	25.5	20.7	86.7	21.060	18.3	1.3	21.4	22.7	4.7
8	15.0	27.5	21.1	82.8	20.686	18.2	3.1	0.0	3.1	4.9
9	15.0	26.5	20.5	80.6	19.198	16.8	0.0	0.0	0.0	8.4
10	16.5	24.8	20.0	84.3	19.787	17.3	0.0	0.0	0.0	0.0
11	14.5	24.0	19.6	85.9	19.221	16.8	0.3	0.0	0.3	2.3
12	17.0	25.0	20.7	88.2	21.556	18.7	0.0	0.0	0.0	3.4
13	16.5	25.0	20.6	83.9	20.301	17.7	0.4	1.3	1.7	4.9
14	15.6	26.5	20.8	84.9	21.187	18.3	0.0	0.0	0.0	7.6
15	16.5	25.0	21.8	79.4	20.994	18.1	0.0	0.0	0.0	6.1
16	17.0	25.9	22.0	81.4	21.077	18.3	0.0	0.0	0.0	6.4
17	15.0	26.0	21.0	83.3	20.243	17.6	0.0	0.0	0.0	8.7
18	16.5	25.5	21.1	82.1	20.220	17.6	0.0	0.0	0.0	7.9
19	15.5	25.0	20.7	85.7	20.750	17.9	0.0	0.0	0.0	4.0
20	16.8	26.0	21.5	81.1	20.472	17.8	0.0	0.0	0.0	4.1
21	16.6	23.3	19.8	91.8	21.369	18.5	2.2	6.3	8.5	0.4
22	16.0	25.0	20.1	91.7	21.402	18.5	6.1	0.0	6.1	3.8
23	17.5	24.5	19.5	90.7	20.440	17.8	0.0	0.0	0.0	1.3
24	15.0	26.5	21.8	75.8	19.992	17.2	0.0	0.0	0.0	7.8
25	15.0	24.6	20.6	85.0	20.552	17.9	2.4	0.7	3.1	2.6
26	16.6	25.0	20.0	91.8	21.350	18.5	0.3	0.0	0.3	2.4
27	16.4	26.0	21.1	82.6	20.318	17.7	0.0	0.0	0.0	2.8
28	15.5	26.0	21.4	83.4	21.220	18.4	0.0	0.0	0.0	6.0
29	16.5	21.5	20.5	80.4	19.070	16.6	0.0	0.0	0.0	0.0
30	14.6	26.5	20.6	82.9	19.463	16.9	1.0	7.5	8.5	4.1
31	17.5	25.5	21.0	85.7	21.064	18.3	1.5	0.0	1.5	3.2
PROM.	16.1	25.3	20.8	84.3	20.553	17.8	43.9	91.1	135.0	132.5

ESTACION: CHAPETON

MUNICIPIO IBAGUE

AÑO: 1.981

ALTITUD: 1.300

LATITUD: 4-27 N.

LONGITUD: 75-16 W.

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	15.5	26.7	20.6	13.6	28.6	82.6	19.822	17.2	71.5	9	193.6
FEBRERO	17.0	26.4	21.1	14.6	28.5	83.4	20.655	17.9	92.6	18	110.5
MARZO	16.8	27.1	21.7	14.5	29.9	82.2	21.074	18.2	97.4	12	161.4
ABRIL	17.1	25.8	20.9	13.6	28.6	86.6	21.266	18.4	171.5	24	84.7
MAYO	17.1	25.8	21.1	14.5	28.8	85.8	21.291	18.4	222.5	23	104.6
JUNIO	17.4	26.4	21.5	15.5	28.0	82.1	20.807	18.0	205.7	17	139.1
JULIO	16.2	26.3	21.6	13.5	29.0	76.8	19.190	16.6	119.1	10	163.4
AGOSTO	16.1	26.4	20.9	14.0	29.5	75.9	18.406	16.1	112.0	14	172.3
SEPTIEMBRE	16.0	26.5	20.7	14.0	29.5	76.8	18.552	16.2	227.7	13	178.4
OCTUBRE	16.1	25.0	20.3	14.0	27.5	83.8	19.902	17.4	191.5	21	141.6
NOVIEMBRE	16.3	24.7	20.4	15.4	26.0	87.3	20.811	18.1	348.5	21	132.0
NOVIEMBRE	16.1	25.3	20.8	14.5	27.5	84.3	20.553	17.8	135.0	14	132.5
PROMEDIO	16.5	26.0	21.0	14.3	28.4	82.3	20.194	17.5			
TOTAL									1995.0	196	1714.1

ESTACION: LUIS BUSTAMANTE

MUNICIPIO: VILLARRICA AÑO: 1.981

ALTITUD: 1.610

LATITUD: 3-56 N.

LONGITUD: 74-36 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.6	20.0	17.9	86.1	17.243	15.1	14.2	0.0	14.2	
2	15.0	20.0	18.0	86.2	17.403	15.3	0.3	0.0	0.3	
3	14.0	22.8	18.9	81.4	17.353	15.2	0.0	0.0	0.0	
4	14.0	22.0	19.2	68.2	14.775	12.6	0.0	0.0	0.0	
5	14.5	23.0	18.3	69.9	14.761	12.7	0.0	0.0	0.0	
6	14.5	22.0	17.8	74.4	15.178	13.2	0.0	0.0	0.0	
7	15.0	21.4	17.8	80.0	16.343	14.3	0.6	0.0	0.6	
8	14.5	21.9	18.5	79.7	17.084	15.0	3.4	0.0	3.4	
9	15.6	24.0	19.2	77.8	16.838	14.8	0.0	0.0	0.0	
10	14.5	24.0	19.7	70.1	15.969	13.8	0.3	0.1	0.4	
11	15.5	23.0	19.9	74.0	16.792	14.5	0.0	0.0	0.0	4.9
12	14.6	23.0	18.8	78.5	17.021	14.9	0.1	1.4	1.5	5.6
13	15.5	20.0	17.7	84.2	17.044	15.0	5.8	20.0	25.8	1.2
14	15.0	20.0	17.8	85.1	17.471	15.4	0.0	0.0	0.0	1.1
15	14.5	22.5	18.4	70.5	14.928	12.8	0.0	0.0	0.0	4.2
16	15.0	22.5	19.1	72.4	16.030	13.8	0.0	0.0	0.0	3.8
17	15.6	24.0	20.5	73.7	17.200	15.1	0.0	0.0	0.0	6.3
18	15.5	24.0	21.0	73.7	17.348	15.2	0.0	0.0	0.0	5.0
19	14.5	23.6	19.5	75.4	16.745	14.5	0.0	0.0	0.0	8.1
20	14.5	24.8	18.8	66.8	14.685	12.6	0.0	0.0	0.0	10.2
21	14.6	23.8	20.2	71.7	16.780	14.5	0.0	0.0	0.0	7.9
22	15.6	24.5	19.3	72.0	16.190	14.2	0.0	0.0	0.0	7.8
23	14.0	24.3	19.5	68.5	15.312	13.3	0.0	0.0	0.0	7.7
24	15.0	23.6	20.1	64.8	15.094	13.0	0.0	0.0	0.0	4.1
25	14.6	23.8	21.1	59.7	14.580	12.3	0.0	0.0	0.0	6.8
26	15.5	24.0	19.7	69.9	15.557	13.5	0.0	0.0	0.0	4.1
27	15.3	24.0	19.0	73.1	15.722	13.7	0.0	0.0	0.0	4.3
28	15.5	25.0	19.8	70.4	16.230	14.2	0.0	0.0	0.0	6.9
29	16.6	21.3	18.3	78.0	16.678	14.5	0.0	0.0	0.0	3.1
30	15.4	23.0	18.9	75.4	16.318	14.2	0.0	0.0	0.0	3.2
31	16.0	22.5	18.6	79.8	17.070	15.0	0.3	0.0	0.3	1.1
PROM.	15.0	22.8	19.1	74.6	16.250	14.1	25.0	21.5	46.5	

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	15.5	23.0	18.1	74.4	15.628	13.6	0.4	0.0	0.4	0.9
2	15.0	23.0	19.8	64.7	15.044	13.0	0.0	0.0	0.0	3.4
3	16.5	22.8	18.2	79.5	16.841	14.8	0.0	4.1	4.1	3.6
4	17.0	23.0	19.6	79.5	18.095	15.9	0.0	0.0	0.0	3.2
5	15.0	23.5	19.4	73.0	16.335	14.3	0.0	0.0	0.0	3.9
6	17.0	22.0	19.5	77.9	17.317	15.3	0.0	1.4	1.4	1.8
7	16.5	24.0	20.0	69.8	16.405	14.4	1.1	0.0	1.1	3.7
8	16.0	24.0	20.9	68.1	16.590	14.4	0.0	0.0	0.0	2.6
9	16.5	23.0	19.3	76.1	17.005	14.9	0.0	0.0	0.0	2.1
10	16.0	24.5	20.2	66.5	15.737	13.7	0.0	0.0	0.0	4.2
11	16.0	26.5	20.6	71.7	17.433	15.2	0.0	13.0	13.0	6.7
12	16.0	21.0	18.9	77.2	16.616	14.6	0.0	0.0	0.0	0.5
13	17.0	23.0	19.7	81.1	18.397	16.2	0.0	18.2	18.2	3.4
14	15.5	23.0	18.0	79.7	16.381	14.3	32.4	0.0	32.4	3.7
15	15.0	23.5	20.0	69.9	16.813	14.5	0.3	20.2	20.5	3.5
16	16.5	22.0	19.1	83.4	18.384	16.1	1.0	5.8	6.8	4.2
17	16.5	20.5	17.8	85.4	17.493	15.4	7.5	0.0	7.5	0.5
18	16.0	22.6	19.6	73.6	16.764	14.7	0.0	0.0	0.0	2.2
19	15.5	22.0	18.5	74.3	15.791	13.8	6.1	0.2	6.3	1.8
20	16.0	20.0	17.3	73.3	14.720	12.6	28.4	0.0	28.4	2.5
21	15.0	23.0	19.0	73.8	16.238	14.1	0.0	0.0	0.0	5.0
22	16.5	23.0	18.8	81.1	17.593	15.5	4.1	0.0	4.1	2.0
23	16.5	19.5	17.7	85.6	17.379	15.3	16.5	0.8	17.3	0.0
24	15.5	21.5	17.6	84.6	16.865	14.8	11.9	1.2	13.1	2.7
25	16.0	22.0	17.5	77.8	15.138	13.2	3.0	0.0	3.0	1.1
26	15.0	23.5	19.3	74.8	16.774	14.7	0.0	0.0	0.0	3.6
27	16.0	24.5	19.5	73.3	16.777	14.7	0.0	0.0	0.0	4.6
28	16.0	24.0	20.7	75.4	18.836	16.5	0.0	0.0	0.0	2.5
PROM.	16.0	22.8	19.1	75.9	16.753	14.7	112.7	64.9	177.6	79.9

ESTACION: LUIS BUSTAMANTE

MUNICIPIO: VILLARRICA AÑO: 1.961

ALTITUD: 1.610

LATITUD: 3-56 N.

LONGITUD: 74-36 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocoío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.1	23.5	20.4	69.1	16.501	14.4	0.0	0.1	0.1	1.7
2	17.0	24.0	19.5	71.9	16.752	14.6	3.4	0.0	3.4	2.6
3	16.2	22.0	19.7	75.7	17.334	15.1	0.0	0.0	0.0	0.5
4	16.0	24.0	19.8	72.0	16.732	14.7	0.7	0.0	0.7	5.3
5	16.5	24.5	21.4	66.1	16.533	14.5	0.6	13.3	13.9	2.4
6	14.5	23.0	18.7	80.8	17.381	15.2	3.5	0.0	3.5	2.1
7	16.0	22.0	19.1	74.6	16.389	14.4	2.8	0.0	2.8	1.0
8	15.5	23.0	19.3	71.5	16.258	14.2	0.3	0.4	0.7	0.2
9	16.5	22.0	19.0	73.2	16.155	14.1	15.0	4.4	19.4	0.0
10	16.5	22.0	19.2	77.8	17.182	15.1	0.4	0.0	0.4	0.9
11	16.0	23.5	19.9	78.9	18.341	16.0	2.7	0.0	2.7	3.3
12	16.5	24.5	19.5	71.7	16.535	14.4	0.0	0.0	0.0	3.5
13	16.0	24.0	20.2	70.0	16.618	14.5	0.0	0.6	0.6	3.5
14	16.0	20.0	18.1	80.4	16.608	14.6	13.1	2.3	20.4	3.1
15	16.0	22.5	19.1	79.9	17.977	15.7	8.0	0.4	8.4	2.5
16	16.5	24.5	20.2	79.0	18.595	16.4	1.8	0.0	1.8	3.7
17	16.5	24.5	21.2	79.4	19.923	17.4	0.1	0.0	0.1	3.8
18	16.0	25.0	20.8	72.2	17.665	15.5	0.0	0.0	0.0	5.6
19	17.0	25.0	20.1	83.5	19.501	17.1	0.0	4.2	4.2	2.3
20	17.0	24.0	20.4	84.7	20.306	17.7	0.2	0.5	0.7	2.8
21	17.0	23.0	19.8	74.7	17.261	15.2	0.0	1.8	1.8	4.0
22	17.0	24.1	19.0	83.7	18.214	16.0	0.0	0.0	0.0	2.8
23	16.0	24.5	20.2	76.9	18.110	15.8	0.0	0.0	0.0	3.0
24	17.0	23.5	19.0	72.7	16.140	14.1	2.0	7.8	9.8	2.3
25	15.5	23.5	19.6	69.9	15.708	13.7	0.0	0.0	0.0	2.6
26	16.0	23.5	18.9	85.0	18.708	16.4	3.0	0.0	3.0	0.9
27	15.0	23.5	18.7	75.4	16.186	14.2	0.0	0.0	0.0	1.6
28	15.0	24.0	19.7	68.8	15.456	13.4	0.0	0.0	0.0	5.6
29	16.0	23.0	19.5	69.0	15.956	13.7	0.0	0.0	0.0	3.1
30	15.5	24.5	20.4	74.7	17.878	15.7	0.0	14.9	14.9	3.8
31	15.5	24.5	20.7	67.1	16.236	14.3	0.0	0.0	0.0	4.8
PROM.	16.1	23.5	19.7	75.1	17.263	15.1	62.6	50.7	113.3	85.3

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocoío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	24.5	19.8	64.4	14.969	12.8	0.0	0.0	0.0	4.2
2	17.5	24.5	20.3	72.3	17.190	15.1	0.0	0.0	0.0	3.0
3	17.0	24.5	20.6	68.9	16.630	14.6	0.0	0.0	0.0	2.4
4	17.0	23.0	18.6	82.3	17.778	15.6	9.5	0.0	9.5	0.3
5	15.5	20.3	18.1	84.2	17.604	15.5	5.6	13.7	19.3	0.1
6	15.0	22.0	18.2	76.7	15.960	14.0	1.1	0.0	1.1	1.7
7	15.5	20.5	18.1	81.5	16.953	14.8	1.8	0.0	1.8	1.6
8	15.0	21.5	19.0	83.4	18.331	16.1	1.6	0.0	1.6	0.1
9	16.0	22.5	19.9	76.8	17.753	15.6	0.3	0.0	0.3	3.9
10	16.5	22.5	19.9	81.3	19.013	16.6	0.0	0.0	0.0	2.7
11	16.4	20.6	19.0	72.9	15.953	13.9	0.0	0.0	0.0	1.4
12	15.4	20.5	16.9	80.4	15.479	13.5	15.0	0.2	15.2	0.0
13	16.2	23.5	18.4	85.7	18.468	16.2	13.8	0.2	14.0	0.8
14	15.5	22.5	18.7	79.4	17.186	15.1	2.2	8.5	10.7	0.0
15	14.5	22.0	18.9	87.6	19.067	16.7	1.7	0.0	1.7	2.2
16	15.5	20.6	18.4	84.5	17.965	15.8	3.8	0.0	3.8	1.4
17	15.5	19.5	17.7	86.4	17.764	15.6	27.1	1.4	28.5	0.9
18	16.0	22.0	19.3	74.3	16.695	14.5	6.4	12.0	18.4	4.2
19	14.6	20.5	18.0	85.6	17.958	15.8	14.0	0.0	14.0	0.0
20	14.5	20.0	18.1	82.5	17.128	15.0	0.0	0.0	0.0	0.8
21	14.5	24.0	19.8	76.5	17.626	15.4	0.8	3.1	3.9	6.5
22	16.0	22.0	18.3	86.6	18.236	16.0	22.3	0.0	22.3	0.3
23	15.5	23.0	18.6	83.1	17.369	15.3	9.7	7.9	17.6	3.9
24	15.5	22.0	18.6	83.4	17.802	15.7	20.1	0.0	20.1	1.0
25	15.5	24.0	19.8	71.5	16.780	14.6	0.0	0.4	0.4	5.0
26	16.5	23.0	19.2	84.3	18.864	16.5	0.3	0.0	0.3	1.5
27	16.3	22.0	19.1	81.0	17.780	15.6	6.3	0.8	7.1	1.5
28	15.6	20.6	18.3	87.6	18.478	16.2	0.3	0.0	0.3	0.8
29	15.6	22.0	18.9	83.1	18.377	16.1	2.6	2.3	4.9	2.9
30	15.5	22.5	19.1	75.5	16.430	14.8	7.4	2.1	9.5	5.1
PROM.	15.7	22.1	18.9	80.0	17.471	15.3	173.7	52.6	226.3	60.2

ESTACION: LUIS BUSTAMANTE

MUNICIPIO: VILLARRICA AÑO: 1981

ALTITUD: 1.610

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	23.0	18.6	87.1	18.686	16.4	0.2	22.7	22.9	1.4
2	15.5	22.2	19.1	81.3	18.165	16.0	0.8	4.6	5.4	4.8
3	16.1	22.0	18.8	86.4	18.725	16.5	0.0	29.2	29.2	1.4
4	15.5	20.0	17.6	86.2	17.336	15.3	0.2	0.0	0.2	0.3
5	15.5	22.0	18.6	81.4	17.432	15.3	3.5	26.2	29.7	3.4
6	14.4	20.5	18.2	85.3	17.782	15.6	0.0	0.2	0.2	1.9
7	15.8	22.0	18.3	78.1	16.742	14.7	25.7	7.4	33.1	1.3
8	15.0	20.5	16.9	85.9	16.452	14.4	5.4	0.0	5.4	1.9
9	15.0	20.5	17.8	81.4	16.638	14.6	0.0	0.0	0.0	0.6
10	15.3	23.0	18.7	79.6	17.293	15.2	1.4	28.8	30.2	3.9
11	15.5	22.0	18.9	85.2	18.526	16.3	3.4	7.5	10.9	2.3
12	15.5	21.2	18.3	79.8	16.971	14.8	19.9	0.0	19.9	2.3
13	15.0	22.0	19.4	77.0	17.342	15.2	0.3	46.4	46.7	5.1
14	15.0	23.6	20.1	76.8	17.905	15.7	0.0	5.1	5.1	2.1
15	16.5	22.0	18.6	78.1	16.891	14.8	1.5	6.5	8.0	1.0
16	16.0	23.0	18.1	86.1	17.840	15.7	2.2	0.0	2.2	0.2
17	16.0	24.6	19.3	72.8	16.131	14.2	1.6	0.0	1.6	0.0
18	15.9	24.0	19.0	79.3	17.812	15.7	1.2	0.0	1.2	1.5
19	15.5	20.6	19.1	75.8	16.948	14.9	5.7	0.0	5.7	4.7
20	15.5	24.0	20.5	77.0	18.602	16.3	0.0	0.0	0.0	3.9
21	17.0	22.2	19.5	81.1	18.532	16.3	10.2	0.0	10.2	1.6
22	15.5	23.0	19.4	77.0	17.712	15.6	3.5	3.5	7.0	2.1
23	17.0	22.0	18.6	84.4	18.063	15.9	6.0	0.0	6.0	0.5
24	16.0	22.5	19.2	76.7	17.000	15.0	3.9	0.5	4.4	0.8
25	15.6	20.5	17.4	87.3	17.418	15.3	5.3	0.4	5.7	0.3
26	15.5	23.0	19.9	72.2	16.395	14.1	10.7	36.9	47.6	1.9
27	16.0	25.5	19.9	80.0	18.849	16.5	7.0	0.0	7.0	1.9
28	15.0	22.0	19.5	81.8	18.889	16.6	8.6	29.9	38.5	6.0
29	16.0	22.0	18.5	84.6	17.992	15.8	0.6	0.2	0.8	2.7
30	15.4	23.0	19.6	79.9	18.206	16.0	0.0	17.9	17.9	1.5
31	15.4	23.4	19.2	81.2	18.418	16.1	0.3	19.0	19.3	3.0
PROM.	15.6	22.3	18.9	80.9	17.669	15.5	129.1	292.9	422.0	66.3

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	16.0	23.0	17.9	78.2	16.630	14.6	52.9	20.1	73.0	3.6
2	15.6	22.5	19.1	84.9	18.948	16.6	0.0	0.0	0.0	4.4
3	15.6	23.4	20.0	70.3	16.464	14.4	0.3	25.4	25.7	4.6
4	15.5	23.5	20.1	78.3	18.425	16.2	0.0	0.0	0.0	3.6
5	16.5	25.6	21.2	70.2	17.697	15.6	0.0	0.0	0.0	8.8
6	16.6	25.0	21.1	67.7	17.005	14.9	0.2	0.8	1.0	3.9
7	16.5	23.6	19.4	83.1	18.935	16.6	0.4	6.0	6.4	1.4
8	16.6	22.0	18.4	80.7	17.070	15.0	8.4	0.7	9.1	1.7
9	15.6	20.0	17.5	86.2	17.343	15.3	1.2	0.0	1.2	0.2
10	15.5	22.0	18.5	82.0	17.523	15.4	0.6	0.5	1.1	3.2
11	15.6	22.6	19.7	78.6	18.131	16.0	1.9	0.0	1.9	1.5
12	15.6	22.2	18.4	83.8	17.698	15.6	7.4	0.8	8.2	2.8
13	15.6	22.0	18.6	83.6	18.138	15.9	10.6	0.0	10.6	1.5
14	15.5	22.6	18.2	79.0	16.751	14.7	0.0	0.0	0.0	3.4
15	15.5	22.0	18.3	74.6	15.718	13.7	2.4	0.0	2.4	3.2
16	15.0	22.3	19.3	70.1	15.841	13.8	0.1	0.0	0.1	4.3
17	15.5	22.0	19.2	80.7	18.033	15.8	1.0	2.6	3.6	3.4
18	16.0	19.5	17.4	83.2	16.539	14.5	14.2	0.0	14.2	1.3
19	14.0	22.5	18.3	74.3	15.663	13.6	0.7	0.0	0.7	4.4
20	15.0	21.6	18.8	75.4	16.341	14.3	2.0	4.2	6.2	3.0
21	15.0	23.5	20.4	78.9	18.976	16.7	2.0	0.0	2.0	8.9
22	15.3	22.5	19.0	77.0	17.167	15.1	4.2	0.0	4.2	3.7
23	15.5	22.0	17.9	84.0	17.380	15.3	9.2	0.0	9.2	0.6
24	15.5	20.5	17.9	83.2	17.173	15.1	2.0	0.0	2.0	1.8
25	15.0	21.5	18.7	74.6	16.098	14.1	0.0	0.0	0.0	0.2
26	16.2	22.0	18.6	73.6	15.843	13.8	2.5	0.0	2.5	3.6
27	15.5	23.5	19.1	74.9	16.534	14.5	0.2	0.0	0.2	3.7
28	16.0	22.3	19.3	76.6	17.222	15.1	2.4	0.0	2.4	2.4
29	16.4	22.5	19.4	81.9	18.320	16.1	2.0	1.2	3.2	1.1
30	15.0	21.0	17.5	85.8	17.219	15.1	1.1	0.0	1.1	3.1
PROM.	15.6	22.4	18.9	78.5	17.228	15.1	129.9	80.2	210.1	93.3

ESTACION: LUIS BUSTAMANTE
 ALTITUD: 1.610

MUNICIPIO: VILLARRICA AÑO: 1.981
 LATITUD: 3-56 N. LONGITUD: 74-36 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	22.0	17.8	83.2	16.943	14.9	2.3	0.6	2.9	0.4
2	15.5	23.0	18.9	77.7	16.817	14.8	13.3	3.2	16.5	5.2
3	15.0	22.0	18.3	79.6	16.775	14.7	0.9	0.0	0.9	3.5
4	15.6	21.0	17.7	81.5	16.690	14.7	0.7	0.0	0.7	2.9
5	14.5	23.5	18.9	80.3	17.303	15.2	3.3	23.2	26.5	3.7
6	15.5	20.0	18.1	74.3	15.404	13.4	1.6	0.0	1.6	2.0
7	14.5	22.0	18.7	80.0	17.210	15.1	0.2	0.0	0.2	4.1
8	14.5	23.3	19.2	76.7	17.000	15.0	0.2	0.0	0.2	4.1
9	16.3	20.0	18.7	81.4	17.656	15.5	11.9	0.0	11.9	1.6
10	15.5	22.0	18.2	83.7	17.928	15.8	5.9	0.9	6.8	0.7
11	14.6	21.5	18.5	83.7	17.644	15.3	1.2	0.0	1.2	3.3
12	14.0	21.5	18.0	79.0	16.614	14.5	0.0	0.0	0.0	5.5
13	14.5	23.5	18.3	71.4	15.375	13.4	0.0	0.0	0.0	4.8
14	16.0	22.0	18.6	68.9	14.890	12.8	0.0	0.0	0.0	3.4
15	15.5	22.5	18.5	79.9	16.971	14.9	0.1	0.0	0.1	2.3
16	15.8	23.6	18.5	77.2	16.258	14.2	4.1	0.0	4.1	2.2
17	15.3	21.2	18.5	76.0	15.594	13.6	2.0	0.0	2.0	2.1
18	14.8	22.4	19.9	71.6	16.744	14.7	25.0	0.0	25.0	2.0
19	15.2	23.2	19.6	66.9	15.355	13.3	1.3	0.0	1.3	2.1
20	14.4	21.5	19.4	77.6	17.559	15.4	20.1	0.0	20.1	1.4
21	15.0	23.5	19.8	67.8	15.597	13.6	0.0	0.0	0.0	5.8
22	15.3	24.5	19.8	62.2	14.718	12.7	0.0	0.0	0.0	6.6
23	16.5	24.6	19.8	65.4	15.249	13.3	0.0	0.0	0.0	8.1
24	14.0	24.0	19.8	65.7	14.993	13.0	0.0	0.0	0.0	7.8
25	13.5	23.5	19.5	62.2	13.917	11.9	0.0	0.0	0.0	7.1
26	15.0	23.5	19.4	63.4	14.349	12.3	0.0	0.0	0.0	5.2
27	15.5	23.0	19.0	67.0	14.872	12.9	0.0	0.0	0.0	4.5
28	15.5	23.0	20.1	64.6	15.154	13.2	0.0	0.0	0.0	4.6
29	15.0	22.0	19.0	73.5	16.151	14.1	1.9	0.0	1.9	1.6
30	17.0	24.5	19.6	70.6	16.139	14.1	0.3	0.0	0.3	
31	17.5	23.0	19.9	73.2	16.943	14.9	0.0	0.0	0.0	
PROM.	15.2	22.6	19.0	73.8	16.155	14.1	96.3	27.9	124.2	

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	24.0	19.4	74.9	16.867	14.8	0.0	0.0	0.0	
2	15.6	24.0	19.6	74.3	17.011	15.0	1.6	0.0	1.6	
3	16.5	23.0	19.1	73.2	16.485	14.4	1.6	0.0	1.6	
4	16.5	24.2	20.4	70.3	16.882	14.8	0.0	0.0	0.0	
5	16.2	25.0	20.4	66.4	15.917	13.9	0.0	0.0	0.0	
6	16.5	25.2	21.5	62.9	16.211	14.2	0.0	0.0	0.0	
7	17.3	23.0	19.7	72.9	17.243	15.0	3.9	0.1	4.0	
8	16.6	22.6	19.7	77.1	17.656	15.7	7.0	0.1	7.1	
9	16.5	23.5	19.4	78.4	17.770	15.6	0.0	0.0	0.0	
10	15.5	25.5	20.7	62.7	14.991	13.0	0.0	0.0	0.0	
11	17.0	24.3	20.5	65.7	15.898	13.9	0.3	0.4	0.7	
12	16.8	20.0	17.7	82.9	16.864	14.7	10.6	0.0	10.6	
13	15.6	23.5	19.1	68.5	15.270	13.3	1.6	0.0	1.6	
14	15.5	23.0	19.0	67.1	14.630	12.6	0.0	3.2	3.2	
15	15.8	25.3	20.6	68.6	17.038	14.8	0.0	0.0	0.0	
16	16.0	23.9	19.7	67.0	15.529	13.4	0.0	0.0	0.0	
17	16.0	22.0	18.2	81.9	17.347	15.2	0.0	0.0	0.0	1.8
18	14.6	22.0	18.4	75.6	16.029	14.0	0.3	0.0	0.3	1.8
19	14.6	20.9	17.8	69.0	14.249	12.2	0.0	0.0	0.0	2.0
20	14.0	23.5	18.7	69.0	14.925	13.0	0.0	0.0	0.0	4.4
21	13.5	23.3	19.9	75.8	17.605	15.4	1.9	0.0	1.9	4.2
22	15.5	22.0	18.7	83.1	17.953	15.7	3.9	0.0	3.9	1.7
23	15.4	22.0	18.3	86.4	18.129	15.9	5.2	26.5	31.7	1.7
24	14.3	24.0	19.0	83.4	18.494	16.2	3.2	8.0	11.2	1.6
25	14.9	23.2	16.3	87.2	16.220	14.2	10.1	0.0	10.1	0.6
26	14.5	24.0	18.7	82.0	17.690	15.5	0.2	0.0	0.2	5.5
27	18.0	24.0	19.3	80.5	18.178	16.0	0.5	0.0	0.5	4.6
28	16.0	25.0	19.9	80.3	17.830	15.6	0.3	0.0	0.3	6.9
29	15.5	22.5	17.5	81.1	16.177	14.2	2.2	0.0	2.2	3.8
30	13.0	22.0	18.5	82.9	17.322	15.2	6.2	0.0	6.2	3.3
31	14.5	20.0	17.3	83.2	16.798	14.7	15.1	0.0	15.1	0.7
PROM.	15.6	23.2	19.1	75.3	16.691	14.6	75.7	38.3	114.0	

ESTACION: LUIS BUSTAMANTE

MUNICIPIO: VILLARRICA AÑO: 1.981

ALTITUD: 1.610

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	14.6	20.5	17.3	79.5	15.707	13.7	0.5	0.0	0.5	2.0
2	14.4	22.5	19.0	64.9	14.207	12.1	0.0	0.0	0.0	1.6
3	16.0	23.5	19.3	68.2	15.259	13.3	0.0	0.0	0.0	1.2
4	16.8	22.0	18.7	78.5	16.776	14.7	1.7	0.0	1.7	1.0
5	16.0	22.5	19.7	67.4	15.439	13.5	2.0	0.0	2.0	1.5
6	15.5	22.5	18.0	73.3	15.037	13.1	2.8	0.0	2.8	0.8
7	16.3	22.0	17.3	80.0	15.708	13.7	0.5	0.0	0.5	1.8
8	14.6	24.0	19.1	76.9	16.878	14.8	0.5	4.0	4.5	1.9
9	14.6	23.3	18.4	73.4	15.476	13.5	2.2	0.0	2.2	5.1
10	14.8	24.5	18.9	77.1	16.696	14.5	0.5	0.0	0.5	3.4
11	16.0	21.0	17.8	85.4	17.244	15.2	7.9	0.0	7.9	0.8
12	15.0	24.5	19.9	66.4	15.420	13.4	7.9	0.0	7.9	3.8
13	16.6	24.3	19.0	80.0	17.467	15.4	4.0	0.0	4.0	2.4
14	15.4	24.5	18.8	76.8	16.826	14.7	2.7	0.0	2.7	5.6
15	15.3	19.8	17.1	84.6	16.631	14.6	3.5	0.0	3.5	0.4
16	15.5	22.0	18.4	72.4	15.382	13.4	1.3	0.0	1.3	2.4
17	15.5	21.0	17.9	78.3	16.106	14.1	0.2	0.0	0.2	3.6
18	14.9	23.8	19.7	68.3	15.608	13.6	0.0	0.1	0.1	4.1
19	16.5	23.5	17.8	78.4	16.272	14.2	1.5	0.0	1.5	3.9
20	16.6	24.0	20.6	75.4	17.743	15.5	0.6	0.5	1.1	3.8
21	17.0	22.5	18.2	79.4	16.886	14.8	2.3	0.0	2.3	1.0
22	14.6	23.6	19.8	64.4	14.818	12.8	0.2	0.0	0.2	4.5
23	15.0	25.0	20.2	62.0	14.624	12.6	0.0	0.0	0.0	7.1
24	15.5	23.0	19.6	74.1	16.942	14.7	0.0	0.0	0.0	2.7
25	15.6	25.0	20.0	73.3	16.693	14.7	0.0	0.0	0.0	4.0
26	16.5	23.6	20.3	70.5	16.866	14.8	0.3	0.0	0.3	4.2
27	15.5	25.0	20.4	63.7	15.212	13.2	0.0	0.0	0.0	3.3
28	17.6	23.5	19.3	74.0	16.799	14.8	9.7	0.0	9.7	4.5
29	17.2	24.0	19.4	73.7	16.887	14.9	12.3	0.0	12.3	3.8
30	15.6	25.0	21.3	66.6	16.806	14.7	0.7	11.8	12.5	5.0
PROM.	15.7	23.2	19.0	73.6	16.147	14.1	65.8	16.4	82.2	91.2

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	22.5	18.7	77.2	16.688	14.7	0.7	0.0	0.7	0.0
2	16.5	23.5	19.4	65.6	14.635	12.6	0.0	0.0	0.0	
3	16.0	24.2	19.1	75.2	16.621	14.5	0.8	0.8	1.6	
4	15.3	23.2	19.3	81.4	18.149	16.0	1.3	0.0	1.3	
5	16.2	24.0	18.8	77.0	16.991	14.9	0.1	0.0	0.1	4.0
6	16.3	25.3	19.9	67.6	16.198	14.1	56.1	0.0	56.1	5.4
7	14.0	24.0	19.9	63.4	14.770	12.8	1.0	2.5	3.5	6.2
8	16.5	22.2	19.0	83.9	18.294	16.1	1.1	1.0	2.1	2.8
9	16.0	23.0	18.6	81.8	17.687	15.6	0.0	11.5	11.5	1.2
10	14.9	23.5	18.7	79.8	17.306	15.2	2.0	0.0	2.0	4.1
11	15.9	23.0	18.2	76.4	16.087	13.9	3.0	0.0	3.0	2.9
12	16.5	23.0	18.7	81.6	17.604	15.5	4.0	20.0	24.0	4.1
13	15.0	22.5	19.2	78.1	17.492	15.4	2.0	0.0	2.0	1.6
14	16.3	22.5	19.4	85.0	19.269	16.9	0.0	11.0	11.0	3.1
15	15.3	21.0	17.9	80.6	16.721	14.7	16.8	0.0	16.8	1.5
16	15.5	21.0	18.5	80.3	17.116	15.1	10.1	0.0	10.1	1.8
17	15.6	23.5	18.6	82.0	17.463	15.3	0.3	0.5	0.8	2.3
18	16.0	22.5	18.4	82.5	17.619	15.4	0.0	0.0	0.0	1.4
19	15.7	21.5	18.6	78.0	16.919	14.8	0.3	0.0	0.3	0.7
20	15.6	23.5	19.8	70.1	16.290	14.3	0.7	0.0	0.7	7.2
21	16.2	22.5	19.8	68.6	15.775	13.8	0.0	3.7	3.7	4.9
22	15.6	22.0	18.0	76.5	15.677	13.7	9.0	0.0	9.0	1.8
23	16.0	22.5	18.9	81.8	17.668	15.5	15.2	36.9	52.1	1.2
24	15.3	20.5	17.8	87.7	17.499	15.4	10.7	0.0	10.7	4.8
25	14.6	22.4	19.1	78.1	17.364	15.3	1.0	0.0	1.0	1.3
26	15.6	23.0	19.3	73.5	16.468	14.5	2.0	0.4	2.4	2.2
27	16.0	22.6	18.8	73.5	16.326	14.3	11.2	0.0	11.2	0.6
28	16.3	20.3	17.9	82.0	16.713	14.7	22.9	0.0	22.9	1.4
29	14.4	21.0	18.6	77.7	16.587	14.6	12.2	1.6	13.8	2.7
30	16.0	20.3	17.9	80.3	16.639	14.6	19.3	0.0	19.3	0.5
31	15.6	22.0	19.3	79.0	18.104	15.9	9.1	4.0	13.1	1.0
PROM.	15.7	22.5	18.8	77.6	16.927	14.8	212.9	93.9	306.8	

ESTACION: LUIS BUSTAMANTE
 ALTITUD: 1.610

MUNICIPIO: VILLARRICA AÑO: 1.981
 LATITUD: 3-56 N. LONGITUD: 74-36 h.

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	20.5	19.0	81.5	17.756	15.6	3.0	0.3	3.3	1.2
2	15.5	23.0	19.0	76.8	16.995	14.9	0.0	0.0	0.0	4.5
3	16.3	23.0	19.6	79.1	18.315	16.1	0.0	0.0	0.0	1.2
4	16.0	22.0	18.4	82.2	17.427	15.3	1.0	17.5	18.5	1.5
5	14.6	23.5	19.3	66.1	14.752	12.7	0.0	0.0	0.0	
6	14.5	23.5	19.8	71.6	16.597	14.4	0.0	0.0	0.0	
7	15.6	22.8	19.8	69.7	16.141	14.1	0.0	0.0	0.0	
8	16.3	22.5	19.3	83.0	18.383	16.2	2.0	3.0	5.0	
9	14.5	23.0	18.2	76.6	16.279	14.3	2.0	0.0	2.0	
10	15.5	22.5	19.0	79.8	17.695	15.5	0.0	2.0	2.0	
11	16.5	22.0	18.8	80.9	17.751	15.6	0.0	15.0	15.0	
12	16.3	21.6	18.7	79.9	17.186	15.1	3.0	0.0	3.0	
13	16.0	22.0	19.2	81.4	18.114	15.9	1.0	50.0	51.0	
14	15.6	22.5	18.7	76.2	16.395	14.3	5.0	0.0	5.0	
15	16.6	23.0	19.6	82.1	18.565	16.3	3.0	6.2	9.2	
16	14.5	22.5	19.3	79.6	17.766	15.6	1.8	0.0	1.8	
17	15.3	23.0	19.2	77.5	17.197	15.1	3.7	10.3	14.0	
18	16.1	23.6	20.0	80.0	18.791	16.4	0.5	1.1	1.6	
19	16.0	23.5	19.1	78.2	17.510	15.4	0.0	0.6	0.6	
20	16.5	23.0	19.6	79.7	18.209	16.0	14.7	7.8	22.5	
21	16.0	20.0	17.6	85.6	17.228	15.2	1.1	0.0	1.1	
22	16.0	21.0	18.4	85.5	18.183	15.9	1.6	0.0	1.6	
23	15.6	23.5	19.4	79.5	18.384	16.1	0.3	0.0	0.3	
24	15.6	23.5	18.5	77.2	16.551	14.5	24.2	0.3	24.5	
25	15.4	22.6	18.9	70.1	15.141	13.2	0.5	0.0	0.5	
26	15.0	24.5	19.7	68.6	16.200	14.2	0.0	0.0	0.0	
27	16.3	23.0	19.5	78.7	17.938	15.8	0.2	40.4	40.6	
28	15.0	21.3	18.3	76.9	16.243	14.3	0.4	0.0	0.4	
29	15.3	22.5	18.6	78.1	16.743	14.6	13.1	0.0	13.1	
30	15.4	22.5	18.1	81.2	16.999	15.0	0.0	0.0	0.0	
PROM.	15.7	22.6	19.0	78.1	17.248	15.1	82.1	154.5	236.6	

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	23.0	18.6	80.3	17.284	15.2	4.1	0.0	4.1	0.9
2	14.6	23.3	17.8	76.9	15.696	13.6	0.2	0.0	0.2	4.6
3	15.5	24.0	19.1	73.9	16.669	14.5	0.0	0.0	0.0	3.6
4	17.0	24.3	18.6	78.9	16.978	14.9	2.0	0.0	2.0	4.3
5	15.6	22.0	17.7	84.7	17.005	14.9	17.1	0.2	17.3	1.5
6	16.3	21.5	18.5	85.3	18.314	16.1	0.3	8.4	8.7	0.2
7	14.6	22.0	19.3	86.5	19.168	16.8	0.9	0.0	0.9	1.6
8	16.3	23.0	19.4	85.9	19.574	17.1	0.5	0.0	0.5	3.2
9	15.5	23.0	19.1	81.8	17.870	15.6	0.0	0.0	0.0	3.6
10	15.0	22.0	19.2	76.3	17.131	15.1	0.0	0.0	0.0	0.7
11	16.0	20.6	19.0	82.3	18.015	15.8	0.0	0.0	0.0	0.4
12	16.0	22.5	18.7	86.9	18.786	16.5	0.0	0.0	0.0	0.9
13	15.0	21.5	19.1	75.8	17.061	14.9	0.0	0.0	0.0	1.0
14	16.0	25.0	20.3	75.0	17.930	15.7	0.0	0.0	0.0	5.0
15	16.0	23.0	19.1	77.5	17.248	14.9	6.0	0.0	6.0	2.5
16	15.0	23.6	19.6	81.3	18.258	16.0	0.0	0.0	0.0	5.2
17	15.5	22.5	19.5	76.0	17.088	14.8	0.0	0.0	0.0	3.8
18	15.0	23.5	20.3	74.0	17.406	15.0	0.0	0.0	0.0	4.4
19	15.5	21.5	18.3	79.3	16.621	14.5	3.7	0.0	3.7	3.3
20	15.5	23.6	19.2	79.9	17.899	15.5	0.0	1.1	1.1	0.0
21	15.5	20.6	17.3	86.6	17.064	15.0	1.5	0.0	1.5	0.6
22	16.0	21.6	18.3	84.8	17.937	15.8	0.3	0.0	0.3	2.0
23	15.0	22.0	19.5	77.8	17.458	15.4	0.0	0.0	0.0	1.2
24	15.5	22.5	19.2	81.6	18.266	15.9	0.0	0.0	0.0	3.1
25	15.5	23.5	21.0	80.0	19.822	17.3	0.0	0.0	0.0	3.8
26	16.5	20.0	18.6	83.6	17.682	15.6	0.5	1.6	2.1	0.9
27	15.6	22.0	19.7	77.9	17.535	15.4	29.0	0.0	29.0	1.0
28	15.5	24.0	18.4	77.1	16.388	14.3	0.0	0.0	0.0	3.4
29	16.5	22.0	18.6	78.4	16.933	14.8	0.0	0.0	0.0	0.9
30	15.5	23.0	18.8	78.6	16.860	14.8	1.6	1.2	2.8	3.8
31	14.5	21.0	18.6	86.0	18.385	16.1	0.2	0.0	0.2	2.7
PROM.	15.6	22.5	19.0	80.4	17.624	15.4	67.9	12.5	80.4	74.1

ESTACION: LUIS BUSTAMANTE

MUNICIPIO VILLARRICA

AÑO: 1.981

ALTITUD: 1.610

LATITUD: 3-56 N.

LONGITUD: 74-36 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas	
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días Húvias		
ENERO	15.0	22.8	19.1	14.0	25.0	74.6	16.250	14.1	46.5	8		
FEBRERO	16.0	22.8	19.1	15.0	26.5	75.9	16.753	14.7	177.6	16	79.9	
MARZO	16.1	23.5	19.7	14.5	25.0	75.1	17.263	15.1	113.3	21	85.3	
ABRIL	15.7	22.1	18.9	14.5	24.5	80.0	17.471	15.3	226.3	24	60.2	
MAYO	15.6	22.3	18.9	14.4	25.5	80.9	17.669	15.5	422.0	29	66.3	
JUNIO	15.6	22.4	18.9	14.0	25.6	78.5	17.228	15.1	210.1	25	93.3	
JULIO	15.2	22.6	19.0	13.5	24.6	73.8	16.155	14.1	124.2	19		
AGOSTO	15.6	23.2	19.1	13.0	25.5	75.3	16.691	14.6	114.0	20		
SEPTIEMBRE	15.7	23.2	19.0	14.4	25.0	73.6	16.147	14.1	82.2	24	91.2	
OCTUBRE	15.7	22.5	18.8	14.0	25.3	77.6	16.927	14.8	306.8	29		
NOVIEMBRE	15.7	22.6	19.0	14.5	24.5	78.1	17.248	15.1	236.6	23		
DICIEMBRE	15.6	22.5	19.0	14.5	25.0	80.4	17.624	15.4	80.4	16	74.1	
PROMEDIO	15.6	22.7	19.0	14.2	25.2	77.0	16.952	14.8				
TOTAL									2140.0	254		

ESTACION: EL LIMON

MUNICIPIO: CHAPARRAL

AÑO:

1.981

ALTITUD: 990

LATITUD: 3-43 N.

LONGITUD: 75-38 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.2	27.9	21.4	85.2	21.804	18.9	1.4	1.4	2.8	4.4
2	17.2	28.3	22.8	85.7	24.006	20.4	0.0	0.0	0.0	4.5
3	19.2	29.6	23.4	83.5	24.031	20.5	0.0	0.7	0.7	6.5
4	18.0	31.0	22.9	76.6	21.886	18.9	0.0	0.0	0.0	7.8
5	16.1	30.7	22.2	80.1	20.990	18.2	0.0	0.0	0.0	7.6
6	18.0	29.8	22.6	81.5	22.304	19.2	0.0	26.0	26.0	3.8
7	19.1	27.9	22.1	87.1	23.096	19.8	0.1	0.0	0.1	1.9
8	18.1	24.0	20.4	94.9	22.563	19.4	1.0	0.0	1.0	0.2
9	18.6	29.9	22.2	84.4	22.720	19.5	1.4	0.0	1.4	2.5
10	17.0	31.1	22.3	79.9	21.638	18.8	0.0	0.0	0.0	9.0
11	18.1	28.6	22.1	85.0	22.589	19.4	0.0	0.0	0.0	3.3
12	18.3	28.8	22.4	86.7	23.425	20.0	0.0	0.7	0.7	4.2
13	20.0	28.3	22.8	85.9	23.565	20.1	0.0	0.0	0.0	4.2
14	19.1	28.8	22.3	83.2	22.493	19.4	0.0	0.0	0.0	5.8
15	17.1	30.3	22.6	78.4	21.481	18.6	0.0	0.0	0.0	9.1
16	17.0	29.3	22.3	83.3	22.296	19.2	0.0	0.0	0.0	7.3
17	18.0	30.6	23.0	81.6	23.047	19.8	0.0	8.9	8.9	7.1
18	19.1	30.5	23.6	84.2	24.434	20.7	0.0	0.0	0.0	4.2
19	20.0	30.3	23.2	81.7	23.387	20.0	0.0	0.0	0.0	8.4
20	19.1	30.3	23.3	78.7	22.693	19.5	0.0	0.0	0.0	8.4
21	18.1	30.0	22.7	74.8	20.838	18.1	0.0	0.0	0.0	8.9
22	18.0	29.8	23.4	80.5	22.693	19.5	0.0	0.0	0.0	7.9
23	18.1	29.9	22.4	80.0	21.556	18.7	0.0	0.0	0.0	8.5
24	17.1	31.3	23.0	78.0	21.776	18.9	0.0	0.0	0.0	7.6
25	18.1	29.9	22.1	80.6	21.642	18.8	0.0	0.0	0.0	8.5
26	18.0	31.3	23.6	76.8	22.219	19.2	0.0	1.1	1.1	9.0
27	19.4	31.4	23.3	79.1	22.644	19.5	0.0	0.0	0.0	7.9
28	18.0	32.5	24.2	74.8	21.706	18.7	0.0	0.0	0.0	8.8
29	19.4	30.8	22.7	78.7	21.916	19.0	3.0	0.0	3.0	6.3
30	18.1	30.5	23.5	79.9	22.874	19.6	0.0	24.9	24.9	5.0
31	19.1	30.6	22.9	81.3	22.080	19.0	0.0	0.4	0.4	4.4
PROM.	18.3	29.8	22.7	81.7	22.464	19.3	6.9	64.1	71.0	193.0

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	20.0	29.8	23.4	79.3	22.636	19.5	0.0	0.0	0.0	4.3
2	18.4	32.1	24.2	68.7	20.468	17.9	0.0	0.0	0.0	8.7
3	20.0	29.3	22.7	83.9	23.192	19.9	0.0	0.0	0.0	6.5
4	20.1	27.7	22.3	84.8	22.849	19.6	0.6	0.0	0.6	2.4
5	18.6	30.9	23.1	79.1	22.112	19.1	1.2	3.7	4.9	6.4
6	19.1	29.3	22.6	80.4	22.297	19.2	0.0	0.0	0.0	4.6
7	18.4	31.8	23.9	74.5	21.838	18.9	0.0	0.0	0.0	6.2
8	19.0	32.9	25.1	70.4	21.983	19.0	0.0	11.3	11.3	9.3
9	19.1	30.5	23.8	85.4	25.098	21.1	0.0	0.0	0.0	6.4
10	19.1	32.8	24.4	70.2	20.679	18.0	0.0	0.0	0.0	9.8
11	19.1	32.1	24.5	72.2	21.618	18.7	0.0	16.6	16.6	9.5
12	18.6	27.0	22.7	85.1	23.113	19.8	0.0	1.2	1.2	1.5
13	20.0	30.0	23.8	80.6	23.414	20.0	0.6	24.7	25.3	5.2
14	19.3	28.0	21.8	85.4	22.545	19.4	12.7	0.0	12.7	2.8
15	19.8	28.4	22.9	86.8	23.992	20.4	2.1	35.9	38.0	2.8
16	18.7	29.4	23.2	82.9	23.349	20.0	11.7	32.3	44.0	5.7
17	18.4	28.0	22.1	83.1	21.611	18.6	1.0	0.0	1.0	3.9
18	17.6	31.0	24.2	78.0	23.099	19.8	0.0	0.0	0.0	7.5
19	20.0	27.4	22.7	86.0	23.599	20.2	0.5	0.0	0.5	0.7
20	17.6	29.6	22.4	81.4	21.754	18.8	0.0	2.7	2.7	4.3
21	18.6	30.0	23.3	84.6	24.002	20.4	0.0	20.3	20.3	6.1
22	19.6	31.6	24.3	80.6	24.145	20.5	0.0	61.7	61.7	4.6
23	18.1	28.0	22.0	85.0	22.640	19.5	2.1	2.2	4.3	2.2
24	19.1	28.0	22.9	85.3	23.558	20.1	5.1	0.7	5.8	2.2
25	19.3	25.0	22.1	92.0	24.137	20.5	14.9	0.0	14.9	0.5
26	19.1	30.0	23.4	81.4	23.286	19.9	0.0	0.0	0.0	4.1
27	18.6	29.0	24.0	74.5	22.301	19.2	0.0	0.0	0.0	2.1
28	17.5	30.7	22.8	79.5	22.064	19.0	0.0	0.0	0.0	1.9
PROM	19.0	29.7	23.2	80.8	22.764	19.5	52.5	213.3	265.8	132.2

ESTACION: EL LIMON
 ALTITUD: 990

MUNICIPIO: CHAPARRAL AÑO: 1.961
 LATITUD: 3-43 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	19.0	33.1	24.8	74.0	22.953	19.7	0.0	0.0	0.0	7.1
2	19.3	32.9	24.7	74.6	22.524	19.4	0.0	0.0	0.0	7.0
3	18.0	31.2	24.3	71.9	21.444	18.6	0.0	0.0	0.0	6.6
4	17.6	31.5	23.6	74.8	21.845	18.9	0.0	0.0	0.0	5.6
5	18.1	32.9	24.8	73.2	22.319	19.2	0.0	41.2	41.2	9.9
6	18.1	26.1	21.9	88.1	22.950	19.7	2.3	19.1	21.4	1.9
7	20.0	28.8	23.8	82.8	24.223	20.5	1.0	0.5	1.5	3.5
8	20.0	30.6	24.2	87.0	25.871	21.6	0.3	10.9	11.2	4.1
9	19.3	26.1	21.8	89.5	23.131	19.8	9.7	9.4	19.1	1.4
10	19.3	28.0	23.0	88.0	24.676	20.9	4.0	0.0	4.0	1.6
11	20.0	28.6	23.5	82.3	23.638	20.2	9.4	0.0	9.4	2.5
12	18.6	30.6	23.8	81.7	23.661	20.1	0.0	0.0	0.0	8.2
13	19.0	30.0	23.5	80.5	23.054	19.8	0.0	0.0	0.0	6.8
14	18.8	30.6	24.3	77.7	23.322	19.9	0.0	0.0	0.0	7.6
15	20.0	28.1	23.8	86.2	25.291	21.3	0.0	0.0	0.0	3.6
16	20.1	29.9	24.5	83.3	25.416	21.4	3.1	0.6	3.7	4.0
17	21.1	28.8	23.6	86.9	25.363	21.3	6.5	0.0	6.5	3.4
18	20.0	29.6	23.7	86.6	25.402	21.4	0.0	5.9	5.9	5.1
19	21.0	28.4	23.8	87.8	25.805	21.6	0.2	1.1	1.3	1.6
20	20.1	28.6	22.9	86.3	24.182	20.5	0.0	0.0	0.0	3.7
21	19.4	29.6	23.8	81.0	23.637	20.2	0.0	0.0	0.0	7.4
22	19.1	30.2	24.0	84.2	24.918	21.0	0.0	0.0	0.0	5.8
23	20.0	29.6	23.4	84.1	24.223	20.6	0.0	0.0	0.0	7.5
24	18.1	30.4	23.7	81.1	23.178	19.8	0.0	0.0	0.0	7.5
25	17.6	31.1	23.3	80.2	22.521	19.4	0.0	2.7	2.7	8.9
26	18.8	26.7	21.3	89.0	22.791	19.6	17.4	0.0	17.4	2.1
27	18.1	28.4	21.6	83.8	21.728	18.8	0.0	0.0	0.0	4.7
28	16.3	31.6	24.0	70.3	20.457	17.8	0.0	0.0	0.0	8.8
29	18.1	30.3	23.5	81.7	23.270	19.9	0.0	64.9	64.9	4.5
30	18.1	28.7	21.8	88.8	23.152	19.8	0.0	17.6	17.6	3.8
31	19.0	32.3	23.9	77.4	22.655	19.5	0.0	0.0	0.0	7.2
PROM.	19.0	29.8	23.5	82.1	23.535	20.1	53.9	173.9	227.8	162.7

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	18.0	31.0	23.6	74.1	21.157	18.4	0.0	0.0	0.0	5.4
2	18.1	31.2	23.6	74.4	21.486	18.6	0.0	0.0	0.0	6.1
3	20.0	31.2	24.6	76.8	23.815	20.3	0.0	1.2	1.2	4.9
4	20.1	31.7	24.1	82.6	24.548	20.8	9.4	19.2	28.6	7.4
5	19.1	23.8	21.2	94.0	23.810	20.2	6.5	4.3	10.8	0.0
6	19.1	28.1	22.7	85.7	23.536	20.1	0.0	9.0	9.0	7.6
7	20.0	27.1	22.6	91.5	24.993	21.1	0.5	0.0	0.5	2.7
8	19.1	28.1	22.6	86.3	23.591	20.1	3.0	29.6	32.6	2.3
9	18.0	30.8	23.9	80.8	23.373	19.9	0.7	0.0	0.7	7.1
10	20.0	30.0	24.4	82.9	25.298	21.3	0.0	1.4	1.4	3.8
11	20.1	30.1	24.3	83.2	25.165	21.2	0.0	0.0	0.0	4.2
12	21.1	26.0	23.2	87.7	25.011	21.1	1.4	0.2	1.6	0.0
13	19.1	28.3	22.9	82.2	22.842	19.6	0.0	0.0	0.0	2.1
14	18.0	27.0	22.7	90.0	24.785	20.9	4.1	14.1	18.2	1.6
15	18.4	27.6	21.7	89.1	23.170	19.9	6.2	0.0	6.2	2.5
16	19.0	26.1	21.4	94.3	24.146	20.5	0.5	0.0	0.5	1.7
17	18.6	29.7	23.5	87.0	25.121	21.2	0.0	13.6	13.6	4.9
18	18.1	30.0	24.4	83.2	24.893	20.9	0.5	36.0	36.5	9.4
19	18.1	24.0	19.9	91.8	21.541	18.7	9.3	0.0	0.3	5.1
20	16.8	26.2	22.3	86.0	22.752	19.5	0.1	0.0	0.1	6.1
21	18.1	30.4	23.2	82.6	23.286	19.9	0.0	56.3	56.3	10.2
22	18.6	24.7	21.7	90.9	23.312	19.9	0.0	0.0	0.0	0.3
23	18.4	27.3	22.3	87.6	23.855	20.3	0.2	11.4	11.6	4.1
24	19.0	28.0	23.0	87.7	24.324	20.6	1.6	0.0	1.6	1.9
25	19.1	31.7	24.2	82.0	24.686	20.8	0.0	0.2	0.2	0.9
26	20.3	31.6	24.2	83.4	25.128	21.2	0.0	0.0	0.0	0.0
27	20.0	30.1	23.8	83.3	24.391	20.7	0.0	37.1	37.1	1.9
28	19.1	27.1	23.0	88.0	24.651	20.8	0.0	0.0	0.0	2.3
29	20.0	28.1	23.2	84.8	24.040	20.4	0.0	4.0	4.0	3.4
30	19.1	26.1	22.1	89.7	23.665	20.2	1.9	35.7	37.6	1.2
PROM	19.0	28.4	23.0	85.5	23.879	20.3	36.9	273.3	310.2	111.1

ESTACION: EL LIMON
 ALTITUD: 990

MUNICIPIO: CHAPARRAL AÑO: 1.981
 LATITUD: 3-43 N. LONGITUD: 75-38 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.1	26.1	22.0	89.8	23.852	20.3	0.8	21.0	21.8	3.0
2	19.1	26.7	22.6	90.1	24.837	21.0	7.4	25.0	32.4	2.9
3	18.1	28.0	22.6	88.1	24.286	20.6	19.9	15.4	35.3	2.5
4	19.1	27.0	22.2	89.1	23.933	20.4	7.4	0.1	7.5	1.9
5	18.6	28.0	23.6	84.7	24.675	20.9	0.0	39.0	39.0	3.6
6	19.0	27.0	21.4	89.1	22.888	19.6	0.6	1.9	2.5	3.8
7	18.7	29.1	23.5	84.1	24.045	20.4	0.0	17.4	17.4	6.9
8	18.1	22.7	20.5	92.2	22.322	19.3	12.2	0.0	12.2	0.1
9	17.3	26.7	21.2	88.1	22.416	19.3	1.0	0.3	1.3	3.6
10	17.7	27.1	22.7	84.8	23.553	20.1	0.8	12.3	13.1	4.7
11	18.3	27.0	23.7	81.7	23.248	19.9	0.0	7.1	7.1	4.0
12	19.1	27.1	22.2	84.0	22.294	19.2	0.3	11.2	11.5	4.3
13	18.1	31.0	23.5	81.8	23.547	20.1	0.0	6.6	6.6	6.5
14	19.1	28.4	22.6	85.2	23.273	19.9	0.5	63.5	64.0	3.8
15	18.0	29.7	23.6	82.9	23.739	20.2	0.0	25.2	25.2	8.3
16	19.1	25.4	21.5	89.6	23.027	19.7	13.1	0.0	13.1	2.2
17	18.1	31.0	23.3	80.6	22.934	19.7	0.6	0.2	0.8	6.2
18	19.7	29.1	23.6	82.0	23.913	20.3	0.0	0.0	0.0	4.7
19	18.1	31.1	24.0	74.2	22.061	19.0	0.0	4.0	4.0	10.3
20	19.4	30.7	24.0	76.7	22.997	19.8	0.0	0.0	0.0	7.4
21	19.0	31.7	24.5	75.4	22.801	19.6	0.0	0.3	0.3	4.1
22	19.8	30.7	24.1	78.5	23.530	20.1	0.0	0.0	0.0	7.7
23	20.1	29.1	23.8	80.2	23.597	20.1	0.0	0.0	0.0	1.4
24	19.1	30.4	23.9	81.5	24.031	20.4	0.0	89.1	89.1	5.4
25	18.3	26.7	22.2	87.1	23.183	19.8	0.2	12.6	12.8	3.3
26	19.4	29.0	22.6	83.9	22.874	19.6	0.0	0.0	0.0	2.4
27	20.1	30.1	23.0	82.0	23.256	19.9	1.3	0.0	1.3	3.6
28	19.1	31.0	24.1	78.4	23.221	19.9	0.0	56.6	56.6	8.4
29	18.6	28.4	23.4	84.5	24.038	20.4	2.5	0.0	2.5	7.3
30	19.1	28.1	23.2	81.4	22.934	19.7	0.1	87.6	87.7	4.4
31	18.7	27.3	22.1	84.6	22.272	19.2	2.1	0.0	2.1	2.9
PROM.	18.8	28.4	22.9	83.8	23.341	19.9	70.8	496.4	567.2	141.6

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	27.1	22.9	87.0	24.114	20.5	0.0	33.1	33.1	4.9
2	19.0	27.4	22.5	84.8	23.251	19.9	0.0	0.0	0.0	3.8
3	17.1	30.0	23.0	80.1	22.443	19.3	0.0	1.3	1.3	9.5
4	19.4	31.4	23.5	78.0	22.238	19.2	0.0	0.0	0.0	8.5
5	19.1	31.8	24.2	75.5	22.630	19.5	0.0	0.0	0.0	9.5
6	18.6	30.3	23.7	75.3	21.926	18.9	0.0	14.3	14.3	8.6
7	19.0	27.3	22.7	84.3	23.086	19.8	0.5	2.6	3.1	3.7
8	19.3	29.0	23.2	80.2	22.215	19.0	0.0	4.7	4.7	1.4
9	19.1	27.6	22.3	85.6	22.928	19.7	0.0	7.0	7.0	3.9
10	19.0	28.4	22.6	82.2	22.685	19.5	0.0	0.2	0.2	4.0
11	19.0	29.1	23.8	80.6	23.340	19.9	0.0	45.7	45.7	3.9
12	18.7	29.0	24.2	81.8	24.288	20.5	0.0	0.0	0.0	2.7
13	19.1	29.0	22.3	81.4	22.218	19.2	0.0	0.0	0.0	4.8
14	18.0	30.0	22.9	80.4	22.337	19.3	0.0	0.0	0.0	6.3
15	17.3	30.7	23.4	78.2	22.504	19.3	0.4	0.4	0.8	7.8
16	17.1	30.7	23.5	79.6	22.868	19.6	0.0	60.1	60.1	7.5
17	17.3	30.1	23.0	79.5	21.889	18.9	0.0	0.2	0.2	9.0
18	19.1	26.0	22.4	85.9	23.349	20.0	0.4	0.0	0.4	0.6
19	17.3	30.1	22.9	75.6	20.398	17.8	0.2	4.8	5.0	9.1
20	17.2	29.2	23.2	75.7	21.243	18.5	0.0	0.0	0.0	5.8
21	17.7	30.0	22.9	77.8	21.453	18.6	0.0	0.0	0.0	7.0
22	17.0	30.0	23.2	73.3	20.867	18.1	0.0	0.0	0.0	8.3
23	19.0	29.7	23.6	75.9	21.980	19.0	0.0	0.0	0.0	6.0
24	18.2	28.2	22.7	76.8	20.786	18.0	0.2	0.0	0.2	2.0
25	17.2	29.1	21.6	73.3	18.858	16.6	0.0	0.0	0.0	5.5
26	17.2	30.0	23.0	75.2	20.848	18.2	0.0	0.0	0.0	5.0
27	17.2	31.0	24.9	70.2	21.782	18.8	0.0	0.0	0.0	9.5
28	19.2	30.0	24.5	73.5	22.030	19.0	0.0	0.4	0.4	6.5
29	17.5	29.5	23.7	80.4	23.351	20.0	0.0	42.0	42.0	4.9
30	18.5	28.3	22.0	84.5	22.523	19.4	6.1	16.3	22.4	3.3
PROM	18.2	29.3	23.1	79.1	22.221	19.1	7.8	233.1	240.9	173.3

ESTACION: EL LIMON

MUNICIPIO: CHAPARRAL

AÑO:

1.981

ALTITUD: 990

LATITUD: 3-43 N.

LONGITUD: 75-38 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	29.5	22.6	83.5	22.807	19.6	0.0	4.8	4.8	2.2
2	18.0	28.5	23.2	79.7	22.649	19.4	10.1	0.0	10.1	6.1
3	18.0	27.2	22.3	77.7	21.084	18.3	0.0	0.0	0.0	2.2
4	18.5	26.9	22.4	79.1	21.379	18.5	0.0	0.0	0.0	0.7
5	17.2	29.9	23.7	76.2	22.227	19.2	0.0	16.8	16.8	7.9
6	18.2	29.2	23.1	82.0	23.157	19.8	0.0	4.6	4.6	6.4
7	17.2	29.0	22.6	81.3	22.526	19.4	15.2	0.1	15.3	3.0
8	18.6	31.5	24.1	71.9	21.055	18.3	0.0	0.0	0.0	8.0
9	19.0	30.1	22.8	76.5	21.226	18.4	0.0	0.0	0.0	6.1
10	18.5	31.0	23.4	75.3	21.755	18.8	1.2	0.0	1.2	5.8
11	19.5	30.5	23.7	77.3	22.251	19.2	0.0	0.0	0.0	5.6
12	19.5	29.5	22.2	75.5	20.199	17.7	0.0	0.0	0.0	3.3
13	18.0	30.0	21.8	75.9	19.982	17.5	0.0	0.0	0.0	3.4
14	16.0	29.1	23.1	73.2	19.945	17.3	0.0	0.0	0.0	7.4
15	19.1	29.2	22.2	78.4	20.835	18.2	0.0	0.0	0.0	3.2
16	16.0	28.0	21.6	74.4	18.974	16.6	0.0	0.6	0.6	6.2
17	17.0	27.7	21.8	83.8	22.111	19.1	1.8	0.0	1.8	2.2
18	16.8	28.3	22.5	76.0	20.657	18.0	1.9	0.0	1.9	8.2
19	17.0	29.6	22.8	73.4	19.972	17.5	0.0	0.0	0.0	6.9
20	17.0	29.2	21.7	75.3	19.813	17.4	0.0	0.0	0.0	3.2
21	16.4	30.1	22.8	69.1	18.855	16.5	0.0	0.0	0.0	7.7
22	15.4	31.1	23.4	64.2	17.503	15.4	0.0	0.0	0.0	7.4
23	17.0	31.0	24.1	68.6	19.436	16.8	0.0	0.0	0.0	8.7
24	15.3	31.0	22.6	62.1	16.304	14.1	0.0	0.3	0.3	9.3
25	17.1	31.0	22.5	66.9	17.436	15.5	0.0	0.0	0.0	8.7
26	17.0	31.1	23.0	65.2	18.158	16.0	0.0	0.0	0.0	9.9
27	17.4	28.0	22.7	71.5	19.404	17.0	0.0	0.0	0.0	3.2
28	16.0	30.3	22.4	69.5	18.321	16.1	0.0	0.0	0.0	7.6
29	17.0	29.1	22.2	74.6	19.897	17.4	0.0	0.0	0.0	3.3
30	18.1	30.3	24.2	68.7	20.396	17.8	0.0	0.0	0.0	4.8
31	19.0	29.0	22.7	74.6	20.559	17.9	0.0	0.0	0.0	2.0
PROM.	17.5	29.5	22.8	74.2	20.357	17.7	30.2	27.2	57.4	170.6

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.6	30.1	23.1	69.0	19.085	16.7	0.1	0.0	0.1	4.9
2	17.0	32.0	23.6	68.7	19.301	16.9	0.0	0.0	0.0	5.5
3	19.0	31.0	23.5	71.3	20.337	17.8	0.0	0.0	0.0	4.4
4	16.0	29.3	22.4	72.2	19.188	16.8	0.0	0.0	0.0	5.2
5	18.0	31.5	23.8	69.0	20.039	17.5	0.0	0.0	0.0	5.2
6	19.1	32.4	24.5	60.4	17.893	15.7	0.0	0.0	0.0	8.9
7	18.0	30.0	23.8	70.4	20.880	18.2	0.0	0.0	0.0	4.7
8	18.1	30.1	23.6	77.5	21.597	19.0	0.0	31.6	31.6	6.9
9	17.3	28.1	22.1	77.4	20.672	18.0	0.0	0.0	0.0	1.1
10	17.6	32.0	24.0	66.2	19.414	17.0	0.0	0.0	0.0	10.0
11	18.4	30.0	24.0	69.8	20.607	18.0	0.0	0.0	0.0	5.8
12	19.3	27.1	23.1	79.6	22.146	19.1	0.0	0.0	0.0	0.6
13	18.1	29.1	22.9	73.0	19.500	17.4	6.1	0.0	6.1	2.5
14	18.1	27.6	22.1	76.3	20.257	17.7	0.0	0.0	0.0	1.2
15	15.4	31.4	23.8	68.3	19.834	17.4	0.0	0.0	0.0	10.4
16	18.8	30.1	24.0	69.1	19.849	17.4	0.3	0.0	0.3	8.7
17	17.0	27.3	22.4	83.0	22.100	19.1	6.9	0.0	6.9	4.1
18	17.1	28.1	21.4	81.4	20.550	17.9	0.7	0.0	0.7	3.1
19	17.3	28.3	22.4	73.5	19.676	17.2	0.0	0.0	0.0	4.2
20	16.0	30.1	22.7	67.7	17.906	15.7	0.0	0.0	0.0	6.3
21	15.6	31.1	23.6	69.4	19.436	17.1	0.0	0.0	0.0	10.2
22	18.8	28.1	22.8	78.4	21.706	18.8	0.0	1.8	1.8	7.1
23	19.1	28.0	23.6	80.9	23.070	19.7	0.0	39.2	39.2	3.6
24	17.1	30.1	23.7	70.4	19.672	17.2	0.0	21.3	21.3	5.7
25	16.0	26.0	19.8	79.4	17.951	15.7	0.0	0.0	0.0	1.2
26	16.1	29.3	22.3	77.5	20.136	17.6	0.0	0.0	0.0	5.9
27	18.0	31.1	23.4	70.3	19.392	16.9	0.0	0.0	0.0	9.1
28	18.0	31.2	23.9	70.5	20.697	18.0	0.0	0.0	0.0	8.9
29	16.1	30.0	20.9	79.8	19.564	17.2	0.0	0.0	0.0	7.1
30	16.8	30.1	23.7	67.7	19.408	17.0	0.0	0.0	0.0	5.9
31	16.5	26.0	20.0	87.3	21.042	18.3	1.2	0.0	1.2	2.4
PROM	17.5	29.6	22.9	73.4	20.120	17.5	15.3	168.7	184.0	170.6

ESTACION: EL LIMON
ALTITUD: 990

MUNICIPIO: CHAPARRAL
LATITUD: 3-43 N.

AÑO: 1.981
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	16.2	26.0	21.1	81.0	19.989	17.5	0.0	0.0	0.0	0.4
2	16.1	29.0	22.1	72.8	19.053	16.7	0.0	0.0	0.0	6.7
3	18.6	30.1	23.1	74.9	20.788	18.1	0.0	0.2	0.2	9.2
4	18.0	26.3	21.0	81.7	20.529	17.9	1.0	0.0	1.0	0.5
5	17.8	28.0	23.4	71.4	20.154	17.6	0.1	0.0	0.1	5.7
6	19.0	29.1	23.5	70.7	20.134	17.5	0.0	0.0	0.0	3.6
7	18.0	28.3	22.4	80.6	21.435	18.5	0.0	0.0	0.0	4.4
8	17.1	30.0	22.3	71.6	18.352	15.9	0.0	0.0	0.0	4.2
9	17.0	31.0	23.6	74.8	21.010	18.3	0.0	0.0	0.0	7.4
10	17.8	32.1	25.2	70.6	22.321	19.2	0.0	0.0	0.0	8.1
11	18.0	26.1	21.1	87.0	21.897	18.9	0.0	0.0	0.0	0.8
12	15.3	31.0	23.6	69.8	19.677	17.1	0.0	25.3	25.3	9.5
13	17.3	28.0	21.0	80.4	19.926	17.5	16.0	0.0	16.0	4.2
14	17.0	29.4	21.7	76.7	20.063	17.5	0.4	2.8	3.2	6.9
15	16.8	26.0	21.1	88.2	22.309	19.2	0.0	0.0	0.0	0.8
16	16.0	30.0	22.3	72.7	19.110	16.8	0.0	0.0	0.0	2.4
17	18.0	28.6	23.3	71.7	20.097	17.5	0.0	0.0	0.0	3.6
18	16.3	31.3	23.5	72.9	20.365	17.7	0.0	0.0	0.0	7.0
19	19.0	29.0	22.5	84.0	23.020	19.7	0.3	0.0	0.3	5.3
20	17.6	29.3	23.2	69.9	19.677	17.3	0.0	0.0	0.0	4.4
21	17.1	29.1	22.5	69.9	18.571	16.3	0.0	0.0	0.0	2.4
22	17.8	32.0	24.0	64.3	18.524	16.3	0.0	0.0	0.0	9.1
23	16.6	32.4	24.4	63.2	18.035	15.8	0.0	0.0	0.0	10.6
24	19.3	31.4	24.8	68.0	20.618	18.0	0.0	0.0	0.0	5.9
25	19.0	31.4	23.8	68.6	19.815	17.3	0.0	0.0	0.0	7.0
26	19.1	32.0	23.6	69.8	20.142	17.6	0.0	0.0	0.0	3.9
27	16.1	32.0	23.7	74.1	20.634	17.8	0.0	0.0	0.0	7.3
28	18.0	31.1	23.8	69.9	19.304	16.8	0.0	0.0	0.0	5.5
29	17.8	33.0	24.4	70.2	21.056	18.3	0.0	0.4	0.4	7.9
30	17.8	32.2	24.9	66.8	20.280	17.7	0.0	4.9	4.9	8.4
PROM.	17.5	29.8	23.0	73.6	20.230	17.6	17.8	33.6	51.4	163.1

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	18.6	29.0	22.1	77.1	20.140	17.6	0.0	0.0	0.0	1.8
2	17.4	31.0	23.5	77.3	21.760	18.8	0.0	13.2	13.2	8.9
3	17.4	28.3	21.1	77.2	19.323	16.9	0.0	50.1	50.1	7.7
4	16.8	25.6	20.8	83.2	20.472	17.9	7.6	0.0	7.6	4.9
5	16.1	28.1	22.5	71.7	19.081	16.6	0.0	0.0	0.0	4.5
6	17.0	30.0	23.6	70.4	20.107	17.6	0.0	2.6	2.6	8.0
7	16.3	29.1	22.4	77.8	20.219	17.5	0.0	14.2	14.2	7.4
8	19.1	27.1	22.6	85.3	23.155	19.8	0.9	15.5	16.4	1.6
9	19.1	29.0	22.9	82.1	22.589	19.4	0.0	12.9	12.9	3.2
10	18.1	28.0	22.3	82.0	22.275	19.2	0.0	20.7	20.7	3.3
11	18.1	27.1	21.9	82.1	21.574	18.7	0.3	30.0	30.3	2.5
12	19.0	29.0	22.7	84.6	23.346	20.0	0.0	11.2	11.2	3.8
13	19.1	27.1	22.1	92.6	24.666	20.8	4.9	70.0	74.9	5.2
14	17.1	27.0	21.6	85.8	21.993	19.0	1.3	24.3	25.6	2.0
15	19.1	28.1	23.4	83.6	23.634	20.1	15.0	0.0	15.0	4.6
16	19.1	27.1	22.5	83.9	22.560	19.4	5.0	0.0	5.0	2.8
17	19.1	30.0	23.7	81.0	23.309	19.9	0.0	8.0	8.0	4.0
18	19.0	29.1	22.7	81.8	22.855	19.6	0.0	0.0	0.0	3.2
19	18.0	30.0	23.2	80.1	22.717	19.5	0.0	0.0	0.0	8.2
20	17.4	30.1	22.7	79.4	21.689	18.8	0.0	0.0	0.0	9.6
21	17.4	31.0	22.7	71.3	19.027	16.6	0.0	0.0	0.0	8.6
22	18.0	29.0	22.0	80.7	20.963	18.2	0.0	0.0	0.0	4.1
23	18.0	29.0	22.3	81.1	21.587	18.7	0.0	0.0	0.0	3.0
24	18.4	26.0	22.2	81.3	21.256	16.4	18.4	0.0	18.4	1.6
25	16.0	31.1	23.7	74.7	20.878	18.0	0.0	0.0	0.0	9.6
26	19.4	30.0	23.4	80.1	22.645	19.5	0.0	0.6	0.6	5.0
27	18.6	29.1	22.6	82.3	22.163	19.0	0.8	1.1	1.9	5.2
28	19.1	28.0	22.7	85.6	23.605	20.1	0.0	0.0	0.0	3.0
29	19.1	30.0	23.0	83.8	23.358	20.0	0.0	3.4	3.4	6.8
30	18.6	26.0	21.9	89.9	23.358	20.0	0.4	0.0	0.4	0.2
31	17.1	25.7	22.9	81.2	22.524	19.4	0.0	3.3	3.3	5.4
PROM.	18.1	28.7	22.6	81.0	21.898	18.9	54.6	281.1	335.7	149.7

ESTACION: EL LIMON
 ALTITUD: 990

MUNICIPIO: CHAPARRAL AÑO: 1961
 LATITUD: 3-43 N. LONGITUD: 75-38 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.6	25.1	21.4	87.4	22.579	19.4	0.0	0.0	0.0	0.0
2	17.1	29.1	22.7	80.7	21.689	18.7	0.0	1.6	1.6	9.0
3	18.1	29.1	22.7	83.8	23.024	19.7	0.0	4.8	4.8	6.3
4	18.1	27.0	21.4	85.2	21.985	19.0	2.3	48.8	51.1	2.1
5	17.4	30.0	23.5	75.9	22.243	19.2	0.0	0.3	0.3	7.7
6	18.1	30.0	23.6	82.0	23.770	20.3	0.0	24.2	24.2	8.4
7	18.1	30.0	23.1	81.6	22.804	19.5	3.9	17.2	21.1	6.0
8	18.0	29.0	22.6	83.0	22.531	19.4	0.0	19.7	19.7	4.5
9	17.3	29.0	22.9	79.2	21.639	18.7	0.3	0.0	0.3	8.0
10	19.3	29.1	23.3	80.4	22.621	19.3	0.0	25.8	25.8	7.9
11	17.7	28.1	22.9	83.8	23.293	19.9	0.0	34.4	34.4	6.3
12	18.1	27.4	22.4	81.4	21.653	18.7	2.9	0.0	2.9	3.5
13	18.4	29.0	22.7	81.0	22.480	19.4	0.0	11.8	11.8	4.2
14	18.0	27.0	22.1	85.4	22.763	19.6	0.1	0.0	0.1	2.0
15	19.1	29.6	23.2	83.1	23.546	20.1	0.4	83.4	83.8	4.8
16	17.4	28.7	22.3	83.6	22.176	19.1	0.0	0.0	0.0	5.6
17	17.4	29.0	22.5	83.2	22.685	19.5	0.0	0.0	0.0	7.4
18	19.7	29.4	23.8	82.1	24.392	20.7	0.0	6.5	6.5	8.1
19	18.4	29.0	23.1	86.0	24.114	20.5	0.0	55.1	55.1	5.9
20	17.6	28.0	22.4	87.8	23.620	20.1	0.2	4.6	4.8	3.9
21	18.4	27.1	21.8	81.2	20.809	18.0	12.6	0.4	13.0	3.1
22	17.4	27.4	21.6	85.9	22.173	19.1	0.0	0.0	0.0	5.0
23	18.0	28.0	22.3	86.1	23.080	19.8	0.0	0.7	0.7	4.7
24	19.0	28.1	22.4	83.9	22.697	19.5	0.0	8.7	8.7	3.0
25	18.0	28.1	22.2	83.4	22.283	19.2	0.2	2.4	2.6	5.2
26	18.0	29.1	22.8	81.0	22.122	19.0	0.0	17.3	17.3	4.9
27	18.2	27.0	22.3	87.0	23.525	20.1	0.0	20.0	20.0	5.0
28	18.0	27.0	22.1	88.7	23.428	20.0	0.0	0.2	0.2	3.0
29	18.1	28.4	23.4	78.2	22.278	19.2	0.8	51.4	52.2	3.3
30	17.8	27.2	22.1	83.1	22.026	19.0	1.1	0.0	1.1	5.0
PROM.	18.1	28.3	22.6	83.2	22.668	19.5	24.8	439.3	464.1	153.8

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	18.0	27.7	21.8	83.5	21.941	19.0	1.0	7.6	8.6	3.1
2	18.0	28.8	22.2	83.7	22.338	19.3	12.4	0.0	12.4	2.7
3	16.3	31.5	23.0	75.3	20.645	18.0	0.0	8.6	8.6	8.3
4	19.5	30.0	23.7	83.9	24.432	20.7	0.5	0.0	0.5	4.4
5	18.5	29.5	23.6	83.7	24.102	20.5	0.0	5.5	5.5	4.2
6	18.5	25.1	20.9	90.4	22.414	19.3	0.0	0.0	0.0	0.4
7	18.2	30.0	23.4	81.7	22.566	19.6	0.0	72.8	72.8	6.5
8	18.5	30.0	23.3	81.1	23.102	19.8	0.0	0.0	0.0	4.5
9	18.0	30.0	23.1	76.7	21.626	18.8	0.0	0.0	0.0	4.7
10	18.0	30.0	24.2	65.9	18.336	14.7	0.0	12.5	12.5	4.4
11	18.0	26.5	21.8	81.9	24.154	20.5	9.4	5.5	14.9	1.2
12	18.0	29.0	22.4	84.7	22.655	19.4	1.3	16.7	18.0	5.2
13	18.0	29.0	22.2	83.5	22.441	19.3	0.0	0.0	0.0	2.9
14	16.5	30.5	21.6	84.3	22.132	19.1	0.0	21.6	21.6	7.4
15	18.0	25.5	23.5	81.5	23.364	20.0	8.7	26.0	34.7	6.8
16	17.5	29.5	22.6	83.8	22.973	19.7	0.0	8.7	8.7	6.8
17	18.0	29.5	22.3	84.6	22.977	19.7	0.0	0.0	0.0	5.7
18	17.3	30.0	23.0	79.8	22.323	19.3	0.0	0.5	0.5	6.7
19	18.0	28.5	22.2	81.9	21.574	18.7	0.0	2.3	2.3	3.2
20	18.5	29.0	22.8	82.6	22.968	19.7	0.0	0.0	0.0	3.7
21	18.0	26.3	22.0	81.0	21.028	18.2	0.1	5.1	5.2	1.3
22	17.5	28.4	22.4	82.6	22.583	19.4	0.0	4.5	4.5	0.6
23	17.5	27.3	21.8	81.5	21.347	18.5	0.0	8.7	8.7	1.7
24	19.0	30.0	22.2	75.4	20.071	17.6	0.0	0.6	0.6	7.0
25	18.4	30.0	23.2	81.5	23.040	19.8	0.0	28.3	28.3	3.7
26	18.4	30.0	22.5	79.9	21.430	18.6	0.0	1.6	1.6	5.3
27	18.8	30.0	22.7	82.2	22.805	19.6	0.0	3.1	3.1	2.8
28	18.4	27.3	20.7	85.3	20.691	17.9	0.0	0.0	0.0	4.0
29	18.0	24.1	19.8	89.8	20.716	18.1	0.0	0.0	0.0	0.0
30	17.3	30.0	22.1	84.0	22.241	19.1	0.0	71.9	71.9	6.0
31	18.0	28.8	21.7	85.3	21.941	18.9	0.0	1.9	1.9	3.1
PROM.	18.0	28.9	22.4	82.4	22.173	19.1	33.4	314.0	347.4	128.3

ESTACION: EL LIMON

MUNICIPIO CHAPARRAL

AÑO: 1961

ALTITUD: 990

LATITUD: 3-43 N.

LONGITUD: 75-38 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días Huevos	
ENERO	18.3	29.8	22.7	16.1	32.5	81.7	22.464	19.3	71.0	12	193.0
FEBRERO	19.0	29.7	23.2	17.5	32.9	80.8	22.764	19.5	265.8	17	132.2
MARZO	19.0	29.8	23.5	16.3	33.1	82.1	23.535	20.1	227.8	15	162.7
ABRIL	19.0	28.4	23.0	16.8	31.7	85.5	23.879	20.3	310.2	23	111.1
MAYO	18.8	28.4	22.9	17.3	31.7	83.8	23.341	19.9	567.2	26	141.6
JUNIO	18.2	29.3	23.1	17.0	31.8	79.1	22.221	19.1	240.9	17	173.3
JULIO	17.5	29.5	22.8	15.3	31.5	74.2	20.357	17.7	57.4	10	170.6
AGOSTO	17.5	29.6	22.9	15.4	32.4	73.4	20.120	17.5	184.0	11	170.6
SEPTIEMBRE	17.5	29.8	23.0	15.3	33.0	73.6	20.230	17.6	51.4	9	163.1
OCTUBRE	18.1	28.7	22.6	16.0	31.1	81.0	21.898	18.9	335.7	21	149.7
NOVIEMBRE	18.1	28.3	22.6	17.1	30.0	83.2	22.668	19.5	464.1	26	153.8
DICIEMBRE	18.0	28.9	22.4	16.3	31.5	82.4	22.173	19.1	347.4	23	128.3
PROMEDIO	18.3	29.2	22.9	16.4	31.9	80.1	22.138	19.0			
TOTAL									3122.9	210	1450.0

ESTACION: LA MONTARA

MUNICIPIO: DOLORES

AÑO: 1.961

ALTITUD: 1.260

LATITUD: 3-33 N.

LONGITUD: 74-54 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	22.0	18.9	86.6	18.818	16.5	0.0	2.4	2.4	3.7
2	16.0	24.0	19.5	85.1	19.333	17.0	0.0	1.1	1.1	2.8
3	15.5	26.0	22.0	77.5	19.736	17.3	0.0	0.0	0.0	6.5
4	14.0	26.0	21.5	63.1	16.125	14.0	0.0	0.0	0.0	8.8
5	17.0	26.0	20.0	90.1	21.055	18.3	0.0	0.0	0.0	7.9
6	16.0	25.0	21.0	82.1	20.415	17.6	0.2	0.0	0.2	2.5
7	17.0	25.0	20.3	88.8	20.721	18.0	0.1	0.0	0.1	3.1
8	17.0	23.0	19.8	88.0	20.452	17.9	2.7	0.0	2.7	0.7
9	16.0	25.0	20.3	90.7	21.624	18.7	0.0	0.0	0.0	3.5
10	17.0	26.0	21.0	72.4	18.108	15.8	0.0	0.0	0.0	10.2
11	17.0	26.0	20.0	87.4	20.399	17.8	0.0	0.0	0.0	3.5
12	16.0	26.0	20.1	80.8	18.922	16.6	0.0	0.9	0.9	7.1
13	17.0	24.0	20.5	86.0	20.478	17.9	0.0	0.0	0.0	7.9
14	16.0	25.0	20.5	79.6	18.777	16.5	0.0	0.0	0.0	5.3
15	16.0	25.0	21.5	72.9	18.172	15.7	0.0	0.0	0.0	7.5
16	17.0	26.0	20.0	87.7	20.294	17.7	0.0	7.6	7.6	4.7
17	16.0	26.0	20.8	84.2	20.346	17.8	0.0	1.2	1.2	7.0
18	17.0	26.0	20.5	83.5	19.813	17.3	0.1	0.0	0.1	8.4
19	17.0	26.0	18.5	84.0	18.112	15.8	0.0	0.0	0.0	8.3
20	17.0	26.0	21.5	67.1	16.457	14.2	0.0	0.0	0.0	8.4
21	17.0	26.0	21.3	66.7	16.706	14.4	0.0	0.0	0.0	8.4
22	17.0	26.0	21.3	76.5	18.678	16.4	0.0	0.0	0.0	8.4
23	17.0	26.0	21.8	74.1	19.144	16.8	0.0	0.0	0.0	10.0
24	18.0	26.0	21.3	76.4	18.795	16.5	0.0	0.0	0.0	9.6
25	16.5	25.0	22.0	70.4	18.235	15.9	0.0	0.0	0.0	6.0
26	17.0	27.0	21.5	72.5	17.968	15.8	0.0	0.0	0.0	7.8
27	17.0	28.0	21.5	79.8	19.904	17.4	0.0	0.0	0.0	6.5
28	17.0	27.0	23.3	66.6	18.230	16.0	0.0	8.9	8.9	7.8
29	17.0	26.0	21.5	83.0	20.863	18.2	0.0	0.0	0.0	8.8
30	17.0	26.0	21.3	73.2	18.212	16.0	0.0	0.0	0.0	4.2
31	17.0	26.0	20.5	81.3	19.451	17.0	0.0	0.0	0.0	8.2
PROM.	16.6	25.6	20.8	79.3	19.172	16.7	3.1	22.1	25.2	6.8

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	26.0	20.5	67.4	16.307	14.2	0.0	0.0	0.0	6.6
2	17.0	26.0	22.5	68.1	18.051	15.7	0.0	0.0	0.0	8.0
3	17.0	26.0	21.3	84.9	21.046	18.3	0.0	0.0	0.0	6.8
4	18.0	26.0	19.8	84.0	19.903	17.4	1.3	0.0	1.3	6.0
5	16.0	26.0	20.0	84.3	19.554	17.1	0.0	0.0	0.0	9.1
6	17.0	27.0	21.5	61.8	15.216	12.9	0.0	0.0	0.0	9.1
7	18.0	26.0	21.8	69.3	18.188	15.8	0.0	0.0	0.0	10.3
8	17.0	26.0	22.3	79.5	21.472	18.6	0.0	0.0	0.0	8.9
9	17.0	24.0	20.8	87.1	21.267	18.5	0.4	0.0	0.4	5.5
10	17.0	28.0	21.3	68.2	17.231	15.1	0.0	0.0	0.0	
11	17.0	28.0	22.8	64.3	17.771	15.5	0.0	5.6	5.6	
12	15.6	22.0	19.3	90.9	20.338	17.7	16.4	0.8	17.2	
13	16.6	26.0	21.0	82.6	20.461	17.8	0.1	17.9	18.0	
14	16.0	23.3	19.0	90.5	20.291	17.7	1.0	0.0	1.0	
15	16.6	23.3	19.8	85.0	19.415	17.0	0.0	0.0	0.0	
16	17.0	25.0	20.8	81.1	19.719	17.2	0.0	0.0	0.0	
17	17.0	25.0	19.3	93.3	21.297	18.5	0.0	22.3	22.3	
18	17.0	25.0	19.8	78.7	18.947	16.5	2.7	0.5	3.2	
19	17.0	25.0	20.0	84.6	19.971	17.3	0.0	0.0	0.0	
20	19.0	25.0	19.9	93.0	21.452	18.6	4.4	0.0	4.4	
21	16.0	26.0	21.3	83.2	20.508	17.9	0.0	0.0	0.0	
22	17.0	26.0	22.0	75.2	19.868	17.4	0.0	0.0	0.0	
23	18.0	25.0	19.0	94.0	20.637	18.0	4.3	0.0	4.3	
24	17.0	24.0	20.0	85.7	19.445	16.9	6.3	4.6	10.9	
25	17.0	25.0	18.3	96.4	20.324	17.7	4.2	0.0	4.2	
26	18.0	26.0	22.0	91.6	24.160	20.3	0.0	0.0	0.0	
27	18.5	26.0	22.3	69.1	18.711	16.4	0.0	0.0	0.0	
28	18.0	27.0	22.0	62.6	16.644	14.5	0.0	0.0	0.0	
PROM	17.1	25.5	20.7	80.6	19.578	17.0	41.1	51.7	92.8	

ESTACION: LA MONTANA
 ALTITUD: 1.260

MUNICIPIO: DOLORES
 LATITUD: 3-33 N.

AÑO: 1.961
 LONGITUD: 74-54 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	27.0	22.3	62.7	16.921	14.9	0.0	0.3	0.3	
2	17.0	27.0	22.0	67.3	17.695	15.5	0.0	0.0	0.0	
3	19.0	26.5	21.8	56.4	14.671	12.6	0.0	0.0	0.0	
4	20.0	27.0	24.0	57.2	17.023	15.0	0.0	0.0	0.0	
5	18.5	25.0	21.8	61.0	16.229	14.0	0.1	12.7	12.8	
6	16.0	23.0	19.5	91.6	20.565	17.9	3.0	1.0	4.0	
7	16.5	22.0	18.3	97.3	20.098	17.6	10.9	0.1	11.0	
8	17.0	25.0	19.0	91.5	20.355	17.8	22.5	6.1	28.6	
9	15.4	23.3	18.3	91.1	19.169	16.8	12.6	53.2	65.8	
10	15.6	22.3	19.0	90.0	19.726	17.3	4.9	0.0	4.9	
11	16.0	22.0	19.8	93.5	21.430	18.6	0.0	0.0	0.0	0.1
12	15.8	26.0	21.3	83.1	21.008	18.2	0.2	0.0	0.2	0.2
13	15.6	26.0	21.6	79.4	20.185	17.4	0.0	0.0	0.0	6.9
14	17.0	23.3	20.3	88.2	20.970	18.2	0.0	0.0	0.0	2.5
15	17.0	24.0	19.8	90.3	20.783	18.1	0.0	0.0	0.0	4.2
16	17.0	26.0	21.2	81.4	19.913	17.4	0.0	16.2	16.2	6.4
17	17.0	26.0	20.8	84.0	20.329	17.8	0.0	0.0	0.0	4.6
18	18.0	25.3	22.0	77.2	20.162	17.6	0.2	1.0	1.2	6.8
19	17.0	24.3	20.6	86.2	20.925	18.2	0.0	0.0	0.0	2.9
20	17.6	25.0	22.0	81.0	20.819	18.1	0.0	10.2	10.2	5.1
21	16.0	25.3	21.3	75.5	18.841	16.5	0.0	5.8	5.8	8.4
22	16.0	24.6	21.0	82.4	20.403	17.7	0.0	0.0	0.0	3.2
23	17.0	24.2	21.5	74.9	18.767	16.5	0.0	0.0	0.0	7.5
24	17.3	25.0	21.3	72.1	18.284	16.1	0.0	0.0	0.0	6.4
25	14.6	25.0	22.3	71.2	18.645	16.4	0.0	0.0	0.0	8.9
26	16.0	23.0	20.0	89.6	20.851	18.2	5.4	33.4	38.8	1.2
27	16.3	23.6	20.5	83.7	19.998	17.5	0.0	0.0	0.0	0.9
28	15.5	27.3	22.4	77.2	20.397	17.8	0.0	0.0	0.0	9.8
29	17.6	26.3	22.3	65.9	17.363	15.0	0.0	0.0	0.0	6.4
30	16.3	26.0	22.0	70.8	17.907	15.4	0.0	0.0	0.0	6.7
31	17.3	28.0	23.8	50.6	14.666	12.8	0.0	0.0	0.0	8.4
PROM.	16.8	25.0	21.1	78.2	19.203	16.7	59.8	140.0	199.8	

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	17.3	26.8	22.3	59.9	15.517	13.8	0.0	0.0	0.0	6.6
2	18.0	26.0	22.8	70.9	19.442	17.1	0.0	0.0	0.0	3.9
3	17.6	27.0	22.8	70.1	19.066	16.6	0.0	0.0	0.0	6.4
4	17.0	27.0	21.3	71.0	18.381	16.1	0.4	0.0	0.4	6.3
5	16.0	19.0	18.1	90.6	18.785	16.5	15.2	6.1	21.3	0.0
6	15.6	22.0	18.9	91.0	20.056	17.5	17.6	0.0	17.6	3.6
7	15.0	21.0	18.3	91.4	19.395	16.9	2.6	0.0	2.6	2.7
8	17.0	22.0	19.3	89.0	19.564	17.5	0.8	16.3	17.1	0.6
9	14.4	25.0	19.8	90.6	20.708	18.1	0.0	0.0	0.0	8.4
10	16.3	27.0	22.0	65.5	17.175	14.8	0.0	0.0	0.0	8.9
11	19.0	26.0	22.5	70.6	19.068	16.7	0.0	0.0	0.0	2.3
12	18.0	23.3	20.3	70.6	16.797	14.8	0.0	0.0	0.0	1.0
13	17.0	24.0	19.5	87.6	20.064	17.5	0.0	1.2	1.2	1.3
14	15.3	22.0	19.0	92.2	20.741	18.0	15.2	6.1	21.3	3.4
15	15.0	23.3	18.5	93.1	19.605	17.2	1.1	0.0	1.1	5.0
16	17.0	21.0	18.8	93.6	20.610	17.9	21.7	2.2	23.9	1.4
17	16.0	24.4	20.3	85.8	20.350	17.8	0.0	0.1	0.1	4.0
18	15.6	27.0	21.2	77.8	19.403	17.0	0.0	7.3	7.3	8.0
19	14.6	22.2	16.9	94.8	18.293	16.1	3.1	0.0	3.1	0.1
20	14.4	22.6	19.2	81.4	17.682	15.5	0.0	0.0	0.0	4.2
21	16.0	26.0	22.8	62.1	16.855	14.8	0.0	0.0	0.0	7.7
22	17.0	23.6	21.5	83.6	21.138	18.4	0.2	17.4	17.6	2.1
23	16.6	25.0	20.8	89.2	21.669	18.8	0.8	10.6	11.4	5.7
24	16.3	24.0	20.0	89.3	20.835	18.2	0.5	0.0	0.5	4.5
25	16.0	26.0	20.8	71.9	17.278	14.9	0.0	1.3	1.3	9.1
26	17.0	27.0	21.6	68.3	17.584	15.3	0.0	0.0	0.0	5.0
27	17.6	25.6	19.8	87.4	20.855	18.1	0.0	46.3	46.3	3.2
28	16.0	21.3	18.3	97.6	20.616	17.9	8.9	0.0	8.9	1.0
29	15.6	24.0	21.1	88.2	21.788	18.8	3.5	0.0	3.5	4.0
30	17.0	24.0	19.9	91.9	21.799	18.8	0.0	36.0	36.0	4.3
PROM.	16.4	24.2	20.3	82.2	19.397	16.9	94.6	150.9	245.5	124.7

ESTACION: LA MONTARA

MUNICIPIO DOLORES

AÑO: 1.961

ALTITUD: 1.260

LATITUD: 3-33 N.

LONGITUD: 74-54 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.9	21.3	18.9	93.3	20.289	17.7	0.4	1.1	1.5	2.1
2	16.3	24.6	19.0	88.1	19.593	17.1	0.0	11.6	11.6	6.6
3	17.0	23.0	19.9	90.9	21.045	18.3	22.2	17.4	39.6	4.0
4	16.3	20.6	19.0	94.0	20.637	18.0	0.0	0.0	0.0	0.6
5	15.2	22.2	19.2	82.7	18.363	16.1	0.4	12.3	12.7	2.6
6	14.0	23.0	19.0	87.6	19.009	16.7	0.0	0.6	0.6	6.7
7	16.0	24.0	20.0	88.6	20.658	18.0	3.0	11.8	14.8	4.5
8	14.3	19.0	16.3	96.9	17.994	15.8	4.3	0.0	4.3	1.6
9	13.6	21.0	17.5	89.2	17.958	15.8	0.0	0.6	0.6	2.1
10	15.6	23.0	18.8	91.3	19.588	17.2	0.0	1.0	1.0	2.5
11	16.0	23.3	19.0	96.8	21.362	18.5	0.0	15.0	15.0	4.6
12	15.0	20.0	18.0	96.8	20.018	17.5	2.4	0.0	2.4	1.3
13	15.6	26.0	19.5	90.6	20.291	17.7	0.0	0.0	0.0	8.4
14	15.0	22.0	18.5	91.1	19.657	17.2	0.0	36.6	36.6	5.0
15	15.0	24.0	19.3	84.1	18.829	16.5	2.9	4.3	7.2	7.0
16	16.0	21.0	17.0	98.4	19.100	16.8	19.6	0.3	19.9	0.0
17	14.6	26.0	21.3	65.8	17.079	15.0	0.0	0.0	0.0	6.9
18	16.0	24.0	21.3	65.6	16.713	14.6	0.0	0.0	0.0	3.7
19	16.0	27.0	23.4	62.9	18.385	15.9	0.0	0.0	0.0	10.5
20	19.7	26.0	23.3	63.5	18.245	16.0	0.0	0.0	0.0	10.7
21	18.0	26.6	23.3	59.1	16.916	14.9	0.0	0.0	0.0	4.6
22	18.0	26.0	22.5	70.8	18.866	16.5	0.0	0.8	0.8	9.3
23	17.0	25.0	21.0	73.2	18.189	16.0	0.0	0.0	0.0	3.6
24	17.3	26.8	21.8	74.7	19.349	17.0	0.0	0.0	0.0	5.2
25	16.6	22.0	19.3	94.0	21.115	18.4	14.1	5.7	19.8	0.1
26	15.0	23.0	19.8	90.8	21.288	18.4	0.0	0.0	0.0	4.0
27	17.0	23.0	21.3	74.2	18.846	16.5	0.0	0.0	0.0	6.9
28	17.0	24.3	22.1	64.7	17.654	15.4	0.0	0.9	0.9	8.2
29	16.6	23.6	19.4	92.9	21.247	18.4	5.7	0.9	6.6	4.7
30	17.0	25.0	21.2	82.5	20.610	18.0	0.0	8.4	8.4	4.6
31	16.4	24.3	20.3	88.5	21.101	18.3	0.5	2.4	2.9	4.0
PROM.	16.1	23.6	20.0	83.3	19.355	16.9	75.5	131.7	207.2	146.6

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	17.6	24.3	20.4	84.0	20.109	17.6	4.1	60.0	64.1	3.2
2	17.0	23.6	20.6	89.8	21.552	18.7	0.0	0.0	0.0	4.5
3	15.8	26.0	19.8	80.2	18.809	16.4	0.0	0.0	0.0	6.7
4	16.3	26.3	21.8	81.2	20.960	18.2	0.0	0.0	0.0	6.2
5	18.4	27.9	23.7	58.5	18.930	14.9	0.0	0.0	0.0	10.9
6	17.0	27.3	22.0	67.7	18.196	16.0	0.0	7.6	7.6	6.4
7	15.9	23.0	20.5	92.7	22.135	19.1	0.0	1.2	1.2	1.4
8	15.8	26.0	20.5	67.4	16.415	14.3	0.3	2.7	3.0	5.8
9	15.6	24.3	20.8	82.0	19.901	17.3	0.0	1.8	1.8	4.5
10	15.6	24.3	20.8	81.7	19.916	17.4	0.0	1.2	1.2	5.1
11	15.8	25.3	20.8	84.9	20.678	18.0	0.4	0.0	0.4	3.2
12	17.0	25.3	21.8	79.2	20.545	17.9	0.0	4.7	4.7	2.6
13	15.6	25.3	21.5	75.4	18.767	16.5	0.8	0.0	0.8	5.9
14	16.6	24.0	21.3	64.4	16.287	14.2	0.0	0.0	0.0	9.2
15	15.0	24.0	21.3	64.4	16.374	14.3	0.7	0.0	0.7	6.9
16	14.9	26.0	22.5	71.5	19.241	16.9	0.0	2.3	2.3	7.2
17	15.6	26.8	22.3	71.9	18.805	16.4	0.0	0.2	0.2	9.9
18	17.0	20.4	18.5	86.5	18.560	16.3	1.5	0.0	1.5	7.1
19	14.4	24.0	21.5	79.3	20.051	17.5	0.0	0.1	0.1	7.6
20	17.0	26.4	21.4	60.5	15.566	13.6	0.0	1.9	1.9	9.6
21	15.8	26.0	22.0	68.6	18.098	15.8	0.0	0.0	0.0	7.3
22	17.4	25.0	23.2	62.1	17.329	15.3	0.0	0.0	0.0	8.8
23	16.0	25.4	22.3	61.8	16.680	14.7	0.0	1.9	1.9	6.3
24	17.1	24.0	21.3	66.5	16.857	14.8	0.0	0.0	0.0	4.1
25	16.8	26.0	21.0	60.0	14.928	13.0	0.0	0.0	0.0	6.1
26	16.0	25.0	20.8	66.0	16.036	14.0	0.0	0.0	0.0	7.2
27	17.6	25.0	21.8	62.0	16.395	14.4	0.0	0.0	0.0	3.8
28	19.0	26.8	22.9	58.9	16.784	14.7	0.0	0.0	0.0	9.7
29	17.6	23.0	21.3	68.6	17.476	15.3	0.0	0.0	0.0	2.1
30	16.0	21.0	18.7	86.2	18.420	16.2	2.0	0.0	2.0	2.9
PROM	16.4	24.9	21.3	72.8	18.293	16.0	9.8	85.6	95.4	182.2

ESTACION: LA MONTAÑA

MUNICIPIO: DOLORES

AÑO: 1.981

ALTITUD: 1.260

LATITUD: 3-33 N.

LONGITUD: 74-54 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	23.3	18.5	96.4	20.924	18.1	1.3	0.4	1.7	2.3
2	15.7	25.6	21.2	90.2	22.579	19.4	7.0	1.0	8.0	4.9
3	15.9	25.0	20.6	66.9	16.268	14.2	0.0	0.0	0.0	4.7
4	16.0	26.0	21.6	67.3	17.254	15.2	0.0	0.0	0.0	6.3
5	15.6	26.3	22.3	74.8	19.640	17.1	0.0	0.0	0.0	3.9
6	17.6	25.0	21.3	62.3	15.356	13.3	0.0	0.0	0.0	3.6
7	16.6	26.0	20.2	76.7	17.899	15.7	0.0	0.0	0.0	2.6
8	18.0	28.0	21.6	58.9	15.072	13.1	0.0	0.0	0.0	9.3
9	19.0	26.8	22.0	58.1	15.368	13.4	0.0	0.0	0.0	6.3
10	19.0	27.0	22.5	56.2	15.630	13.7	0.0	0.0	0.0	8.6
11	18.0	27.6	22.0	59.4	15.471	13.5	0.0	0.0	0.0	6.6
12	19.0	26.0	22.2	54.8	14.550	12.6	0.0	0.2	0.2	2.0
13	18.0	26.0	21.3	55.9	14.061	12.0	0.0	0.0	0.0	7.3
14	17.0	25.0	21.4	64.5	16.548	14.5	0.8	0.8	1.6	3.0
15	15.0	24.0	19.5	65.5	15.528	13.4	0.0	0.0	0.0	1.0
16	16.6	26.8	22.7	62.7	17.786	15.2	0.0	0.0	0.0	4.7
17	17.0	24.4	18.8	69.6	15.321	13.3	3.2	0.0	3.2	1.5
18	14.0	25.0	20.6	56.7	13.372	11.1	0.0	0.0	0.0	6.4
19	17.0	28.0	22.7	50.8	13.911	11.9	0.0	0.0	0.0	9.9
20	19.0	26.0	21.0	67.4	17.241	15.0	0.0	0.0	0.0	7.8
21	17.0	26.6	22.0	66.1	18.187	15.7	0.0	0.0	0.0	9.9
22	15.9	30.6	22.0	51.9	13.704	11.4	0.0	0.0	0.0	8.7
23	19.0	26.0	21.5	48.1	12.286	10.0	0.0	0.0	0.0	9.9
24	17.0	26.8	21.9	48.0	12.594	10.4	0.0	0.0	0.0	10.7
25	18.0	26.3	21.8	45.7	11.815	9.4	0.0	0.0	0.0	11.4
26	17.6	26.0	21.2	54.3	13.749	11.7	0.0	0.0	0.0	9.1
27	19.0	25.0	21.5	50.1	12.994	10.8	0.0	0.0	0.0	8.8
28	19.0	26.1	21.6	53.4	13.949	11.9	0.0	0.0	0.0	5.9
29	18.4	26.6	21.5	52.5	13.602	11.5	0.0	0.0	0.0	5.6
30	18.0	26.6	21.0	59.8	14.818	12.8	0.0	0.0	0.0	3.6
31	20.0	25.6	21.6	57.0	14.633	12.6	0.0	0.0	0.0	6.6
PROM.	17.4	26.1	21.3	61.4	15.552	13.4	12.3	2.4	14.7	193.1

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	18.4	26.3	22.1	62.3	16.767	14.6	0.0	0.0	0.0	9.1
2	18.6	26.8	21.3	56.2	14.656	12.6	0.0	0.0	0.0	5.2
3	17.9	27.3	23.8	51.6	15.345	13.3	0.0	0.0	0.0	4.8
4	17.6	28.0	22.2	62.1	16.592	14.6	0.0	0.0	0.0	6.2
5	20.0	29.0	24.2	53.6	15.889	13.9	0.0	0.0	0.0	10.5
6	19.6	30.0	25.0	48.7	15.429	13.4	0.0	0.0	0.0	8.3
7	19.0	26.4	19.7	96.5	22.304	19.2	23.0	1.7	24.7	3.1
8	17.0	27.3	21.5	76.9	19.234	16.7	0.0	0.2	0.2	5.0
9	18.0	26.3	22.0	59.0	15.416	13.4	0.0	0.0	0.0	2.5
10	17.0	28.0	23.8	52.4	15.228	13.2	0.0	0.0	0.0	9.9
11	14.0	28.0	23.9	53.5	15.013	13.0	0.0	0.0	0.0	7.9
12	19.4	25.0	20.8	67.6	16.624	14.6	0.8	0.0	0.8	0.4
13	18.0	26.0	21.5	57.2	14.299	12.2	0.0	1.0	1.0	3.7
14	19.0	28.0	22.9	49.1	13.579	11.5	0.0	0.0	0.0	6.5
15	17.0	29.0	23.8	58.3	16.072	14.1	0.0	0.0	0.0	7.0
16	17.0	27.4	23.0	70.1	18.466	16.2	0.5	0.0	0.5	3.5
17	16.0	26.0	20.5	84.1	20.504	17.8	0.0	0.0	0.0	3.1
18	16.0	27.3	20.9	69.5	17.413	15.2	0.0	0.0	0.0	9.3
19	19.0	26.6	22.6	47.8	13.583	11.5	0.0	0.0	0.0	6.9
20	19.0	30.0	24.0	50.7	14.776	12.8	0.0	0.0	0.0	7.1
21	15.8	29.4	24.3	54.3	15.393	13.3	0.0	0.0	0.0	7.4
22	16.6	26.4	21.3	76.7	18.979	16.6	0.0	0.0	0.0	5.1
23	16.4	26.7	21.1	86.6	21.770	18.8	0.0	0.0	0.0	5.4
24	15.6	28.8	23.0	72.0	19.424	16.6	0.0	23.9	23.9	8.8
25	15.6	21.0	18.0	96.2	19.615	17.2	8.3	0.0	8.3	0.6
26	15.0	28.3	22.0	61.5	15.533	13.5	0.0	0.6	0.6	7.3
27	17.6	27.3	23.1	59.4	16.328	14.3	0.0	0.0	0.0	7.1
28	16.8	27.4	23.5	65.2	18.487	16.2	1.3	0.0	1.3	8.4
29	17.6	25.0	19.7	87.9	20.557	17.9	3.0	0.0	3.0	2.4
30	17.0	29.3	23.0	67.3	17.883	15.8	0.0	0.0	0.0	7.5
31	17.0	24.0	19.2	86.3	19.528	17.0	0.0	0.0	0.0	0.5
PROM.	17.4	27.2	22.2	65.8	17.119	14.9	36.9	27.4	64.3	180.5

ESTACION: LA MONTAÑA

MUNICIPIO: DOLORES

AÑO: 1.961

ALTITUD: 1.260

LATITUD: 3-33 N.

LONGITUD: 74-54 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	25.0	21.1	50.5	12.431	10.2	0.0	0.0	0.0	0.2
2	15.0	29.0	23.2	56.9	14.680	12.5	0.0	0.0	0.0	6.8
3	18.4	27.9	23.8	54.4	16.165	13.9	0.0	0.0	0.0	6.6
4	15.9	27.3	21.9	75.4	19.622	17.0	0.0	0.0	0.0	4.6
5	14.0	28.0	23.3	53.9	16.007	13.7	0.0	0.0	0.0	4.6
6	19.0	27.9	22.9	55.4	15.354	13.4	0.0	2.6	2.6	4.4
7	17.0	26.6	21.9	69.0	17.404	15.2	0.4	0.0	0.4	5.1
8	19.0	28.3	23.3	52.7	14.959	12.9	0.0	2.7	2.7	6.0
9	18.0	28.3	23.7	54.3	15.029	13.0	0.0	0.0	0.0	9.9
10	16.6	27.2	23.3	63.0	17.954	15.7	0.0	0.0	0.0	1.4
11	18.0	27.4	22.4	68.6	18.257	16.0	0.0	0.0	0.0	6.5
12	15.6	30.6	24.2	62.5	18.171	15.9	0.0	0.0	0.0	8.0
13	15.8	26.4	21.4	85.7	21.727	18.8	0.2	0.0	0.2	2.5
14	18.0	25.0	20.6	83.4	20.649	17.7	21.2	0.0	21.2	1.9
15	17.0	22.0	19.3	71.8	15.864	13.6	0.1	0.0	0.1	0.6
16	16.5	26.0	21.6	55.5	14.352	12.3	0.0	0.0	0.0	3.7
17	16.0	27.0	22.1	58.4	15.381	13.4	0.0	0.0	0.0	4.8
18	17.6	27.2	22.7	58.5	15.958	14.0	0.2	0.0	0.2	4.9
19	17.8	26.3	21.7	73.3	18.557	16.0	1.4	0.0	1.4	3.7
20	17.8	29.0	23.3	58.1	16.200	14.2	0.0	0.0	0.0	8.4
21	19.0	27.3	23.5	52.0	15.121	13.1	0.0	0.0	0.0	2.6
22	19.5	27.9	22.4	52.4	14.159	12.1	0.0	0.0	0.0	7.3
23	19.0	28.6	23.3	51.3	14.974	13.0	0.1	0.0	0.1	8.6
24	19.0	28.3	22.1	57.0	15.564	13.6	0.5	1.8	2.3	5.9
25	18.0	29.6	23.8	52.7	15.103	13.1	0.0	0.0	0.0	6.9
26	19.0	28.6	22.8	50.9	14.059	12.0	0.0	0.0	0.0	6.1
27	16.5	29.3	23.4	56.7	15.524	13.6	0.0	0.0	0.0	7.0
28	17.0	30.6	24.8	59.3	17.276	15.0	0.0	0.0	0.0	8.4
29	18.0	32.4	25.6	57.5	17.537	15.3	0.0	0.0	0.0	9.2
30	17.0	31.2	25.6	59.3	18.222	16.0	0.0	17.5	17.5	9.5
PROM.	17.4	27.9	22.8	60.5	16.409	14.2	24.1	24.6	48.7	166.1

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	17.4	27.3	22.5	59.0	15.858	13.7	0.6	0.0	0.6	2.9
2	16.6	28.0	23.3	72.3	20.064	17.4	0.0	0.2	0.2	5.5
3	17.0	26.0	21.8	84.1	21.700	18.8	1.8	1.2	3.0	2.0
4	15.0	25.0	18.8	83.9	18.254	16.0	0.5	1.0	1.5	6.0
5	16.3	25.6	20.1	76.6	18.183	16.0	0.0	0.0	0.0	3.7
6	15.8	29.9	21.3	77.3	19.333	17.0	0.0	21.9	21.9	7.8
7	15.0	26.3	22.5	65.4	18.406	15.9	14.3	8.2	22.5	8.4
8	16.0	24.3	19.5	94.6	21.707	18.8	0.8	1.0	1.8	2.3
9	15.6	22.2	19.2	86.0	19.111	16.8	3.4	2.0	5.4	1.3
10	15.3	25.0	20.4	77.1	19.000	16.6	0.7	3.3	4.0	4.4
11	16.6	23.2	19.0	90.9	19.892	17.4	21.9	0.0	21.9	3.2
12	16.3	25.0	21.0	80.6	19.773	17.3	8.3	3.0	11.3	4.8
13	16.3	26.3	21.6	77.0	19.238	16.8	0.0	7.2	7.2	6.9
14	16.3	25.0	19.9	92.8	21.515	18.6	0.0	2.6	2.6	2.6
15	15.6	25.0	19.9	88.5	20.580	17.9	1.7	0.5	2.2	3.2
16	16.2	23.6	19.1	90.9	19.928	17.4	5.4	0.0	5.4	2.3
17	16.2	25.0	20.8	87.5	20.735	18.0	2.6	0.0	2.6	2.1
18	18.0	25.8	21.8	66.7	17.146	15.1	0.0	0.0	0.0	5.4
19	17.5	27.3	22.7	66.3	17.711	15.3	0.0	0.0	0.0	9.0
20	15.6	27.6	21.6	70.1	17.589	15.2	0.0	0.0	0.0	9.0
21	16.0	28.4	23.4	64.0	17.141	14.9	0.0	0.0	0.0	7.8
22	17.1	25.8	21.9	74.7	19.377	16.8	0.0	0.0	0.0	5.1
23	17.0	25.6	21.0	68.0	16.518	14.5	0.0	0.0	0.0	3.4
24	16.5	23.0	19.5	94.6	21.317	18.5	1.7	0.0	1.7	2.3
25	15.6	26.6	22.2	69.4	18.071	15.5	0.0	0.0	0.0	6.9
26	17.6	26.6	22.7	67.3	18.618	16.2	0.0	0.0	0.0	6.5
27	15.8	27.8	20.6	80.0	20.104	17.4	0.0	0.0	0.0	7.3
28	17.0	25.3	21.4	88.6	22.861	19.6	1.6	0.0	1.6	3.0
29	16.6	26.8	21.4	78.1	19.943	17.4	0.0	0.0	0.0	4.6
30	17.0	21.6	20.0	88.2	19.826	17.3	0.0	0.0	0.0	0.0
31	16.2	25.4	19.9	85.8	19.488	17.1	0.6	35.0	35.6	4.9
PROM	16.4	25.7	21.0	78.8	19.322	16.8	65.9	87.1	153.0	144.6

ESTACION: LA MONTAÑA

MUNICIPIO: DOLCRES

AÑO:

1.981

ALTITUD: 1.260

LATITUD: 3-33 N.

LONGITUD: 74-54 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	22.8	19.7	96.3	21.883	18.9	0.0	2.1	2.1	0.9
2	17.0	26.0	21.2	83.0	20.678	18.0	0.8	6.9	7.7	0.0
3	16.8	25.6	20.6	80.5	19.619	17.2	0.3	16.9	17.2	0.0
4	16.5	24.6	19.8	87.3	19.946	17.5	1.8	3.7	5.5	3.7
5	16.5	26.4	20.8	77.2	18.887	16.6	0.0	0.0	0.0	7.5
6	17.4	26.8	22.4	84.7	22.517	19.4	0.0	1.8	1.8	6.9
7	18.5	26.9	20.7	79.5	19.125	16.8	4.0	32.9	36.9	4.6
8	16.0	25.0	20.6	90.7	22.029	19.0	5.6	7.1	12.7	4.0
9	15.4	25.0	20.6	81.8	19.830	17.3	0.0	0.0	0.0	5.9
10	15.5	25.8	21.6	85.3	21.687	18.8	0.0	10.1	10.1	6.6
11	14.9	25.4	20.5	84.0	19.772	17.3	1.5	9.8	11.3	5.3
12	15.6	23.8	19.7	90.2	20.735	18.1	24.7	20.2	44.9	1.5
13	16.6	25.0	19.8	90.9	20.983	18.3	16.1	20.7	36.8	0.9
14	16.5	24.3	19.8	85.6	19.341	17.0	13.3	14.7	28.0	4.0
15	16.5	25.6	19.8	90.2	20.680	18.0	0.0	0.2	0.2	4.7
16	16.5	24.0	20.0	87.4	20.224	17.6	1.4	0.0	1.4	3.0
17	17.0	25.2	20.7	88.3	21.812	18.9	0.3	14.9	15.2	3.7
18	17.2	26.4	21.6	82.1	21.342	18.5	1.6	10.5	12.1	4.7
19	17.1	25.6	22.0	86.9	22.564	19.7	0.0	6.7	6.7	6.2
20	16.5	24.3	20.6	84.3	20.661	18.0	0.0	30.6	30.6	5.4
21	16.3	22.3	18.8	78.5	16.795	14.8	8.7	0.0	8.7	0.7
22	16.3	22.0	19.3	88.3	19.430	17.0	7.2	0.0	7.2	1.0
23	15.3	24.0	20.2	90.8	21.370	18.5	8.7	0.0	8.7	1.6
24	16.6	24.6	21.5	85.1	21.596	18.7	0.0	0.0	0.0	2.3
25	17.5	24.6	20.4	94.2	22.797	19.6	4.4	0.0	4.4	4.4
26	16.2	25.0	21.6	88.0	22.551	19.4	0.0	30.3	30.3	4.5
27	17.0	25.0	21.3	85.4	21.567	18.7	4.7	7.3	12.0	4.8
28	16.3	25.0	20.9	80.8	19.702	17.1	1.0	1.6	2.6	5.8
29	16.5	25.0	20.0	89.1	21.288	18.5	0.0	12.4	12.4	3.0
30	15.6	24.0	19.5	84.7	18.877	16.5	0.0	0.0	0.0	4.8
PROM.	16.5	24.9	20.5	86.0	20.690	18.0	106.1	261.4	367.5	112.4

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	17.2	24.2	20.9	90.4	21.998	19.0	1.8	0.0	1.8	3.7
2	17.2	24.4	20.4	88.9	21.759	18.8	2.3	0.0	2.3	3.0
3	16.0	27.2	20.9	77.6	18.887	16.6	0.0	0.0	0.0	7.1
4	19.0	24.2	20.8	74.7	18.300	16.0	0.0	0.0	0.0	0.5
5	17.0	24.0	21.3	80.6	20.408	17.8	0.0	32.0	32.0	2.1
6	16.0	22.0	19.5	92.7	20.808	18.1	9.7	0.0	9.7	0.1
7	17.1	25.0	21.0	82.9	20.639	18.0	0.0	0.0	0.0	4.8
8	19.0	26.0	22.5	53.1	14.641	12.6	0.0	0.0	0.0	5.5
9	17.6	26.0	22.0	61.9	16.223	14.2	0.0	0.0	0.0	6.0
10	16.3	26.3	20.8	85.3	21.156	18.4	0.0	0.0	0.0	6.6
11	17.6	21.3	18.9	89.1	19.108	16.7	7.1	1.2	8.3	0.4
12	16.5	25.0	19.6	89.3	20.537	17.9	1.6	0.0	1.6	2.9
13	16.5	23.0	19.8	88.0	19.925	17.4	0.0	0.1	0.1	1.0
14	15.0	25.0	20.1	78.2	18.322	16.0	61.8	0.0	61.8	6.1
15	17.0	25.0	20.8	86.6	21.070	18.3	0.0	10.1	10.1	4.9
16	16.6	25.0	21.5	86.7	22.312	19.2	5.7	0.0	5.7	5.2
17	17.0	26.6	21.8	84.8	22.023	19.0	0.0	0.0	0.0	6.5
18	17.6	26.3	20.3	93.6	22.324	19.3	7.0	17.1	24.1	5.1
19	17.5	24.0	20.3	89.3	21.320	18.5	8.2	0.7	8.9	1.9
20	17.0	25.6	21.0	90.5	22.500	19.4	0.0	0.5	0.5	4.6
21	17.0	24.0	19.9	91.4	21.163	18.4	9.6	3.8	13.4	2.1
22	17.0	24.6	20.5	86.6	20.902	18.2	0.2	11.4	11.6	3.5
23	16.8	25.0	21.0	84.3	20.783	18.1	0.6	0.0	0.6	7.0
24	17.1	25.0	21.0	85.8	21.273	18.5	0.0	0.0	0.0	7.7
25	17.1	26.3	22.3	70.9	19.189	16.7	0.0	0.0	0.0	4.8
26	16.1	26.0	21.9	77.7	20.330	17.7	0.0	0.0	0.0	4.0
27	17.5	26.0	21.9	83.7	21.317	18.5	0.0	0.0	0.0	4.6
28	16.5	25.6	22.0	78.3	20.690	18.0	0.0	0.0	0.0	5.4
29	16.4	25.0	20.6	77.5	19.123	16.7	0.0	0.0	0.0	0.0
30	17.2	25.6	21.5	79.9	20.300	17.7	11.7	35.4	47.1	3.5
31	16.5	25.0	20.6	81.5	19.499	17.1	0.0	0.0	0.0	5.0
PROM.	17.0	25.0	20.9	82.6	20.285	17.6	127.3	112.3	239.6	125.8

ESTACION: LA MONTANA

MUNICIPIO DOLORES

AÑO: 1.981

ALTITUD: 1.260

LATITUD: 3-33 N.

LONGITUD: 74-54 W.

MESES	TEMPERATURA °C					Humedad relativa %/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	16.6	25.6	20.8	14.0	28.0	79.3	19.172	16.7	25.2	10	201.9	
FEBRERO	17.1	25.5	20.7	15.6	28.0	80.6	19.578	17.0	92.8	12		
MARZO	16.8	25.0	21.1	14.6	28.0	78.2	19.203	16.7	199.8	13		
ABRIL	16.4	24.2	20.3	14.4	27.0	82.2	19.397	16.9	245.5	20	124.7	
MAYO	16.1	23.6	20.0	13.6	27.0	83.3	19.355	16.9	207.2	20	146.6	
JUNIO	16.4	24.9	21.3	14.4	27.9	72.8	18.293	16.0	95.4	17	182.2	
JULIO	17.4	26.1	21.3	14.0	30.6	61.4	15.552	13.4	14.7	5	193.1	
AGOSTO	17.4	27.2	22.2	14.0	30.0	65.8	17.119	14.9	64.3	10	180.5	
SEPTIEMBRE	17.4	27.9	22.8	14.0	32.4	60.5	16.409	14.2	48.7	11	166.1	
OCTUBRE	16.4	25.7	21.0	15.0	29.9	78.8	19.322	16.8	153.0	19	144.6	
NOVIEMBRE	16.5	24.9	20.5	14.9	26.9	86.0	20.690	18.0	367.5	26	112.4	
DICIEMBRE	17.0	25.0	20.9	15.0	27.2	82.6	20.285	17.6	239.6	17	125.8	
PROMEDIO	16.8	25.5	21.1	14.5	28.6	76.0	18.698	16.3				
TOTAL										1753.7	180	

ESTACION: SUBESTACION ALBAN

MUNICIPIO: EL CAIRO

AÑO:

1.921

ALTITUD: 1.400

LATITUD: 4-46 N.

LONGITUD: 76-13 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	24.8	19.2	84.9	18.893	16.6	6.3	0.0	6.3	2.7
2	15.1	26.0	20.1	80.8	18.902	16.6	0.0	1.1	1.1	6.1
3	15.9	27.0	20.2	84.1	19.871	17.4	0.0	0.0	0.0	6.3
4	16.6	25.0	20.0	79.9	18.661	16.4	0.0	0.0	0.0	6.7
5	15.5	24.2	19.5	83.0	18.772	16.5	0.0	0.0	0.0	5.6
6	15.5	25.7	20.0	80.1	18.406	16.2	0.0	0.0	0.0	6.0
7	15.8	26.7	19.8	75.9	17.193	15.1	0.0	0.0	0.0	2.2
8	16.5	24.8	19.6	79.3	17.839	15.7	3.0	7.5	10.5	4.0
9	15.6	24.5	19.9	76.7	17.402	15.3	0.0	0.0	0.0	0.9
10	16.7	24.7	19.8	75.6	17.193	15.1	0.0	0.0	0.0	7.2
11	16.3	26.2	20.0	77.0	17.640	15.5	0.0	0.0	0.0	1.9
12	15.7	24.9	19.4	75.4	16.758	14.7	0.0	0.9	0.9	4.7
13	15.6	24.0	18.8	79.5	17.145	15.1	0.0	0.0	0.0	5.6
14	14.5	25.9	20.1	74.1	16.619	14.5	0.0	0.0	0.0	8.1
15	14.9	25.5	19.9	74.6	17.000	14.9	0.0	0.0	0.0	5.7
16	14.9	26.4	20.0	73.3	16.762	14.7	0.0	0.0	0.0	6.0
17	14.4	23.7	19.8	76.0	16.941	14.9	0.0	0.0	0.0	6.9
18	14.1	26.4	20.1	78.0	17.973	15.8	0.0	0.0	0.0	6.0
19	16.5	25.8	20.0	78.0	18.085	15.9	0.0	0.0	0.0	7.0
20	15.2	25.0	19.6	80.2	18.170	16.0	0.0	0.0	0.0	6.5
21	15.4	24.3	19.4	71.8	15.666	13.6	0.0	0.2	0.2	8.3
22	15.8	23.1	19.4	75.8	16.693	14.7	1.1	0.0	1.1	5.4
23	14.5	24.8	20.2	71.0	16.154	14.1	0.0	0.0	0.0	5.8
24	14.5	23.8	19.0	73.5	15.699	13.6	0.0	0.0	0.0	4.5
25	13.8	24.0	18.9	73.9	15.627	13.6	0.0	2.5	2.5	6.6
26	15.2	26.2	19.9	74.7	16.868	14.7	0.0	0.0	0.0	4.2
27	15.4	26.0	19.9	73.9	16.705	14.6	0.0	0.0	0.0	5.0
28	14.8	24.0	18.9	78.3	16.852	14.8	0.0	0.0	0.0	4.5
29	14.5	24.3	19.4	75.9	16.674	14.6	8.4	0.0	8.4	3.0
30	15.6	24.7	19.3	79.0	17.442	15.3	0.0	4.0	4.0	3.8
31	16.0	24.4	19.2	79.1	17.892	15.7	0.0	0.0	0.0	0.7
PROM.	15.4	25.1	19.7	77.2	17.371	15.2	18.8	16.2	35.0	157.9

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	14.9	23.0	18.7	81.0	17.256	15.2	15.6	0.1	15.7	2.3
2	16.1	24.5	19.8	77.2	17.589	15.5	0.0	0.0	0.0	5.8
3	16.4	23.5	19.1	81.4	17.889	15.7	0.3	0.4	0.7	4.7
4	15.7	24.1	19.3	79.4	17.533	15.4	1.7	0.0	1.7	3.2
5	15.4	23.8	19.4	77.9	17.256	15.2	0.0	1.0	1.0	2.9
6	15.4	25.4	18.6	77.2	16.524	14.5	0.0	0.0	0.0	6.1
7	15.6	24.3	19.0	80.3	17.654	15.5	0.0	0.0	0.0	3.1
8	15.3	23.5	19.1	77.7	16.961	14.9	0.0	1.2	1.2	5.3
9	15.6	22.7	18.6	81.7	17.462	15.4	2.0	0.0	2.0	2.3
10	14.5	25.0	18.0	82.3	16.798	14.7	0.0	0.0	0.0	7.2
11	15.2	24.7	19.4	76.8	17.066	15.0	0.0	6.2	6.2	4.6
12	13.3	23.2	18.3	80.1	16.502	14.5	0.0	2.6	2.6	0.6
13	15.7	23.0	18.7	80.4	17.169	15.1	5.5	1.5	7.0	2.6
14	16.6	23.4	19.1	82.2	18.020	15.8	0.3	0.0	0.3	4.9
15	15.4	23.2	19.2	80.3	17.498	15.4	0.0	0.9	0.9	5.7
16	15.4	24.8	19.5	79.7	17.990	15.8	0.6	8.9	9.5	5.1
17	15.0	24.4	19.2	80.2	17.660	15.6	0.0	0.0	0.0	3.8
18	17.3	23.3	19.3	85.8	19.335	17.0	0.0	2.6	2.6	2.9
19	16.8	22.4	19.6	85.8	19.476	17.1	0.2	2.9	3.1	0.3
20	15.4	25.1	19.3	77.8	17.030	15.0	0.6	0.0	0.6	3.6
21	15.4	24.9	19.6	75.2	17.082	15.0	0.0	0.5	0.5	4.4
22	15.8	22.3	19.4	83.8	18.780	16.5	0.0	0.0	0.0	3.7
23	15.2	23.5	19.2	81.7	18.039	15.9	0.1	0.9	1.0	0.5
24	16.2	25.1	20.6	77.4	18.232	16.0	0.0	0.0	0.0	5.2
25	16.7	28.0	20.8	76.7	18.487	16.2	0.0	0.0	0.0	4.2
26	17.0	28.3	21.7	73.4	18.478	16.2	0.0	0.0	0.0	8.0
27	17.0	25.5	21.0	77.2	18.953	16.6	0.0	0.0	0.0	5.8
28	17.5	25.3	21.0	81.0	19.830	17.4	0.0	2.3	2.3	7.4
PROM.	15.8	24.3	19.4	79.7	17.805	15.6	26.9	32.0	58.9	116.5

ESTACION: SUBESTACION ALBAN

MUNICIPIO: EL CAIRO

AÑO: 1.981

ALTITUD: 1.400

LATITUD: 4-46 N.

LONGITUD: 76-13 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	28.6	22.6	74.2	19.685	17.2	0.0	0.0	0.0	8.0
2	17.3	25.7	21.2	80.4	20.155	17.6	4.3	0.0	4.3	2.9
3	14.3	28.6	20.6	75.4	17.382	15.1	0.0	0.0	0.0	6.4
4	16.5	25.1	21.1	81.4	20.319	17.7	0.0	0.0	0.0	7.7
5	16.2	25.0	19.6	82.7	18.791	16.5	0.6	6.6	7.2	2.1
6	16.4	26.0	19.4	80.9	17.992	15.8	28.1	0.0	28.1	1.6
7	16.9	25.0	19.9	86.9	20.131	17.6	0.8	8.3	9.1	2.9
8	16.2	22.4	18.8	89.8	19.238	16.9	0.8	0.0	0.8	0.5
9	16.0	24.0	19.4	82.3	18.338	16.1	2.0	16.7	18.7	0.4
10	16.0	23.2	19.0	83.1	18.111	15.9	1.5	0.0	1.5	0.4
11	16.9	22.7	18.8	85.8	18.456	16.2	0.0	0.0	0.0	0.4
12	16.9	22.4	18.9	87.8	19.071	16.7	0.6	0.0	0.6	0.6
13	16.5	25.3	20.4	77.1	18.212	16.0	0.2	5.7	5.9	3.3
14	16.5	24.8	19.6	79.5	17.951	15.8	6.5	7.8	14.3	1.5
15	15.2	24.4	20.0	75.9	17.599	15.5	0.0	0.5	0.5	2.2
16	14.8	25.7	19.5	76.4	16.967	14.9	0.0	0.3	0.3	5.9
17	15.8	25.2	20.1	77.6	17.992	15.8	1.1	0.0	1.1	3.6
18	14.3	24.9	19.3	82.2	17.983	15.8	0.0	0.0	0.0	3.5
19	14.4	24.7	19.5	79.4	17.390	15.2	0.0	0.0	0.0	3.9
20	15.3	24.7	19.3	82.3	18.241	16.1	0.3	0.4	0.7	7.4
21	15.8	24.4	19.6	78.8	17.842	15.7	0.0	0.0	0.0	5.1
22	15.7	24.6	19.2	80.3	17.705	15.6	0.0	0.0	0.0	0.9
23	15.5	24.3	19.5	78.5	17.585	15.5	0.0	0.0	0.0	2.9
24	15.0	24.0	18.8	83.2	17.971	15.8	0.0	0.0	0.0	4.7
25	15.6	25.0	19.3	82.0	18.258	16.1	0.0	1.2	1.2	4.0
26	15.5	26.0	20.6	75.8	18.243	15.9	0.0	0.0	0.0	0.9
27	16.5	25.8	20.4	76.0	17.835	15.6	0.0	0.0	0.0	4.9
28	15.7	25.8	20.3	76.9	17.949	15.8	0.2	5.9	6.1	5.2
29	13.5	25.2	19.7	73.9	16.288	14.3	0.0	0.0	0.0	1.7
30	14.4	25.0	19.7	78.9	17.825	15.7	0.0	0.0	0.0	6.6
31	15.1	25.6	20.4	76.8	18.239	16.0	0.0	0.0	0.0	3.8
PROM.	15.7	25.0	19.8	80.1	18.250	16.0	47.0	53.4	100.4	105.9

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	13.4	27.0	20.0	75.6	17.215	15.2	0.3	0.0	0.3	6.2
2	15.6	26.1	20.7	70.2	16.436	14.4	0.0	0.0	0.0	1.0
3	16.6	24.0	19.3	82.5	18.490	16.3	0.0	0.0	0.0	0.3
4	16.3	25.6	20.2	76.9	18.117	15.9	0.0	3.0	3.0	5.7
5	16.7	23.0	19.0	85.2	18.524	16.2	2.4	4.4	6.8	0.3
6	15.4	25.8	20.5	78.2	18.481	16.3	0.0	0.0	0.0	6.1
7	15.3	25.0	19.5	78.8	17.823	15.7	3.1	6.7	9.8	3.7
8	16.4	27.0	20.9	77.1	18.538	16.2	0.7	0.6	1.3	2.5
9	17.1	27.2	20.5	80.2	19.059	16.7	0.0	0.0	0.0	4.0
10	17.1	25.9	21.0	82.1	20.113	17.6	0.0	0.0	0.0	7.9
11	17.0	25.4	20.7	82.1	19.920	17.5	0.0	0.0	0.0	0.4
12	17.5	23.5	18.7	89.8	19.494	17.1	1.1	0.1	1.2	0.0
13	14.4	25.3	19.8	72.0	16.093	14.1	0.0	0.7	0.7	3.6
14	16.0	25.2	18.8	85.1	18.495	16.2	24.5	9.9	34.4	1.0
15	16.3	25.6	20.2	78.1	18.194	15.9	10.9	1.9	12.8	4.6
16	16.5	26.6	20.3	79.7	18.559	16.1	3.1	0.0	3.1	2.0
17	15.6	24.2	19.1	86.7	19.276	16.9	4.4	1.4	5.8	0.5
18	15.4	24.6	19.1	83.5	18.373	16.1	4.1	28.7	32.8	0.9
19	16.0	19.2	17.1	95.8	18.801	16.5	7.8	0.0	7.8	0.0
20	13.0	26.8	20.3	73.9	16.933	14.8	0.0	0.0	0.0	1.6
21	13.0	27.0	19.5	79.2	17.644	15.5	0.0	0.0	0.0	7.6
22	16.6	23.0	19.6	84.6	19.245	16.9	2.1	3.1	5.2	0.9
23	14.0	26.7	19.7	75.7	17.089	15.0	0.0	20.3	20.3	3.3
24	14.9	24.3	19.5	82.1	18.357	16.1	1.9	0.0	1.9	0.0
25	15.2	27.1	20.9	78.8	19.022	16.7	0.0	0.0	0.0	5.9
26	17.7	25.0	18.7	92.4	20.119	17.6	28.8	7.0	35.8	0.7
27	16.4	20.4	18.3	88.1	18.483	16.2	10.3	7.0	17.3	0.0
28	14.7	25.1	19.7	77.7	17.186	15.0	0.0	2.1	2.1	0.4
29	16.3	26.4	20.5	71.4	16.615	14.4	1.4	0.0	1.4	1.2
30	15.1	23.9	19.6	80.4	18.151	16.0	0.9	0.4	1.3	0.0
PROM	15.7	25.1	19.7	80.8	18.295	16.0	107.8	97.3	205.1	72.3

ESTACION: SUBESTACION ALBAN

MUNICIPIO: EL CAIRO

AÑO: 1.961

ALTITUD: 1.400

LATITUD: 4-46 N.

LONGITUD: 76-13 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto roceo °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	23.5	18.9	79.3	17.351	15.2	1.7	0.4	2.1	0.2
2	15.2	24.5	19.2	79.6	17.448	15.4	4.4	23.8	28.2	1.4
3	16.0	25.0	19.5	80.6	18.037	15.8	0.0	0.0	0.0	1.3
4	15.8	23.4	18.2	92.8	19.617	17.2	7.4	4.0	11.4	0.0
5	15.6	24.3	18.0	89.2	18.478	16.2	5.5	7.6	13.1	0.9
6	16.1	24.8	18.3	79.2	16.669	14.6	0.0	0.0	0.0	0.6
7	14.7	24.8	19.8	73.4	16.486	14.5	0.0	1.8	1.8	0.9
8	15.6	24.8	18.4	78.7	16.313	14.2	0.0	0.9	0.9	1.4
9	15.2	24.3	19.9	71.9	16.145	14.1	0.0	0.0	0.0	0.2
10	14.6	24.2	18.2	81.5	17.082	15.0	19.3	0.5	19.8	0.7
11	14.4	25.7	17.7	81.3	16.589	14.6	2.4	0.0	2.4	0.0
12	14.8	25.5	19.7	81.5	18.472	16.2	0.0	0.0	0.0	0.3
13	15.2	25.4	19.6	82.4	18.584	16.3	0.0	3.1	3.1	1.6
14	16.7	25.5	19.8	79.2	18.005	15.7	1.5	0.0	1.5	0.2
15	14.9	25.0	19.6	80.1	17.920	15.7	0.0	1.6	1.6	0.3
16	17.0	24.2	19.3	83.2	18.505	16.3	0.2	0.0	0.2	0.2
17	16.1	24.2	19.1	83.1	18.717	16.5	19.6	0.1	19.7	0.0
18	16.0	25.0	19.4	83.3	18.669	16.4	1.0	0.0	1.0	0.0
19	16.1	26.1	20.4	82.5	19.398	16.9	4.6	0.0	4.6	0.6
20	14.8	29.3	21.6	78.4	19.622	17.1	0.0	0.0	0.0	3.9
21	17.4	27.2	21.9	76.6	19.880	17.4	0.0	0.3	0.3	0.0
22	16.8	26.2	20.7	81.8	19.970	17.5	1.6	2.3	3.9	1.0
23	16.8	25.0	19.7	86.2	19.869	17.4	11.1	9.2	20.3	0.0
24	16.4	23.8	18.9	86.6	19.183	16.8	6.6	7.1	13.7	0.0
25	16.8	24.7	19.8	87.6	19.837	17.3	0.0	0.0	0.0	0.5
26	17.3	26.6	21.8	75.1	19.155	16.8	0.0	9.2	9.2	1.5
27	16.6	25.2	19.2	75.1	16.447	14.4	0.0	0.0	0.0	0.0
28	14.8	25.0	18.9	83.4	18.168	16.0	2.1	0.5	2.6	0.4
29	15.8	26.3	20.0	79.0	18.223	16.0	5.8	2.6	8.4	0.3
30	16.8	25.0	19.7	84.1	19.099	16.7	2.1	0.1	2.2	0.0
31	16.0	26.2	20.8	78.1	18.794	16.5	0.0	0.0	0.0	0.1
PROM.	15.9	25.2	19.5	81.1	18.282	16.0	96.9	75.1	172.0	18.6

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto roceo °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	24.0	19.1	84.1	18.866	16.6	7.8	1.5	9.3	0.0
2	14.9	26.5	19.4	80.2	17.903	15.8	0.0	0.0	0.0	0.3
3	13.7	27.5	20.1	76.7	17.343	15.2	0.0	0.0	0.0	0.5
4	14.6	25.2	19.6	81.6	18.263	16.1	0.0	0.0	0.0	2.0
5	15.1	26.9	20.3	79.6	18.554	16.3	0.0	0.0	0.0	0.0
6	17.2	24.2	20.5	79.8	19.097	16.8	0.0	12.3	12.3	0.0
7	16.2	24.0	19.1	82.5	18.207	16.0	0.0	0.0	0.0	0.0
8	15.7	23.5	19.4	84.0	18.899	16.6	0.0	7.0	7.0	0.0
9	15.2	23.7	17.7	87.0	17.663	15.6	14.4	4.5	18.9	0.0
10	14.0	24.7	19.0	80.9	17.404	15.3	0.0	0.0	0.0	1.4
11	16.4	24.2	19.1	79.9	17.430	15.3	0.2	4.0	4.2	0.6
12	17.2	23.7	19.1	86.9	19.360	16.9	3.2	0.0	3.2	0.0
13	16.6	27.2	20.1	73.9	17.111	15.0	1.1	0.0	1.1	0.2
14	15.0	27.1	20.4	72.3	16.839	14.8	0.0	0.0	0.0	0.0
15	15.4	25.7	18.9	86.7	18.889	16.6	1.7	0.6	2.3	0.0
16	14.7	24.6	17.7	86.1	17.772	15.6	34.7	0.3	35.0	0.0
17	14.8	25.1	19.3	82.0	17.915	15.7	0.0	0.0	0.0	2.9
18	15.3	23.1	18.0	85.9	18.088	15.9	32.0	0.0	32.0	0.0
19	12.8	25.0	19.5	73.9	16.251	14.2	0.8	0.0	0.8	1.6
20	15.9	24.4	19.7	80.1	18.266	16.0	0.3	0.0	0.3	0.0
21	15.9	27.4	19.4	82.6	18.386	16.2	0.0	0.0	0.0	0.0
22	15.2	25.7	18.9	82.5	17.972	15.8	12.6	0.3	12.9	0.0
23	14.0	26.1	18.3	84.3	17.654	15.5	21.2	0.2	21.4	0.0
24	15.6	23.8	19.4	82.0	18.291	16.1	0.0	0.3	0.3	0.0
25	15.3	23.4	19.3	76.2	17.079	15.0	0.0	0.0	0.0	0.0
26	14.4	25.3	19.4	75.7	16.474	14.4	0.0	0.0	0.0	0.6
27	14.6	25.9	20.1	79.1	18.282	16.1	1.1	0.1	1.2	0.2
28	16.0	25.0	19.5	81.5	18.279	16.0	1.0	0.3	1.3	0.0
29	15.8	22.7	18.2	82.0	17.416	15.3	14.1	2.5	16.6	0.0
30	14.6	23.4	18.3	83.5	17.394	15.3	0.0	0.2	0.2	0.0
PROM.	15.2	25.0	19.2	81.1	17.912	15.7	146.2	34.1	180.3	10.3

ESTACION: SUBESTACION ALBAN

MUNICIPIO: EL CAIRO

AÑO: 1.961

ALTITUD: 1.400

LATITUD: 4-46 N.

LONGITUD: 76-13 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.4	24.3	18.7	85.9	18.370	16.2	2.0	7.5	9.5	0.9
2	15.1	24.5	18.9	85.7	18.464	16.2	0.0	0.0	0.0	0.3
3	15.2	24.3	19.2	78.2	17.423	15.3	5.7	0.0	5.7	0.0
4	15.2	23.2	18.3	84.1	17.760	15.6	1.0	0.2	1.2	0.4
5	13.1	26.0	19.7	72.5	16.578	14.5	0.0	0.0	0.0	0.7
6	14.0	24.4	19.5	78.7	17.332	15.2	0.0	0.0	0.0	0.7
7	15.3	28.0	20.2	80.8	18.732	16.4	0.0	0.0	0.0	0.5
8	15.0	26.6	20.2	81.6	18.916	16.6	0.0	0.0	0.0	0.2
9	16.3	24.8	19.2	82.2	18.306	16.1	0.0	0.5	0.5	0.6
10	15.2	23.0	18.0	89.7	18.563	16.3	17.3	18.7	36.0	0.2
11	14.6	26.5	19.4	77.7	17.029	15.0	0.0	0.0	0.0	0.3
12	15.6	25.3	20.0	75.6	17.525	15.4	0.0	0.0	0.0	0.2
13	15.8	25.1	19.3	77.4	17.163	15.1	0.0	0.0	0.0	0.6
14	15.0	23.0	19.4	79.4	17.553	15.4	0.3	7.5	7.8	0.9
15	15.3	25.4	19.4	81.1	18.062	15.9	0.0	0.0	0.0	0.4
16	14.0	23.0	18.4	84.1	17.778	15.6	10.6	0.2	10.8	0.8
17	15.8	22.5	17.6	84.4	17.260	15.1	14.2	0.1	14.3	0.0
18	12.8	25.0	18.7	76.8	16.008	14.0	0.0	0.0	0.0	2.2
19	14.4	27.9	20.3	75.0	17.115	15.0	0.0	0.0	0.0	0.3
20	16.0	23.2	18.1	86.5	18.248	16.1	3.5	0.0	3.5	0.3
21	14.0	26.6	19.7	74.1	16.061	13.8	0.0	0.0	0.0	0.0
22	15.8	27.8	21.0	68.3	16.111	13.9	0.0	0.0	0.0	0.3
23	14.0	27.7	20.9	73.0	16.971	14.7	0.0	0.0	0.0	2.3
24	13.6	28.2	20.3	67.5	14.874	12.7	0.0	0.0	0.0	1.4
25	12.8	27.2	19.5	72.6	15.492	13.4	0.0	0.0	0.0	2.5
26	13.0	25.5	20.2	77.3	18.079	15.9	0.0	0.0	0.0	2.7
27	13.0	26.3	21.1	69.4	17.249	15.1	0.0	0.0	0.0	3.1
28	15.8	26.0	20.4	78.3	18.599	16.3	0.0	0.0	0.0	0.1
29	13.8	27.6	21.1	73.7	17.613	15.5	0.0	0.0	0.0	3.5
30	15.0	27.3	19.7	78.3	17.702	15.5	0.0	0.0	0.0	2.6
31	16.0	27.3	20.5	78.4	18.641	16.4	0.0	0.0	0.0	0.7
PROM.	14.7	25.6	19.6	78.3	17.470	15.3	54.6	34.7	89.3	29.7

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	27.5	20.0	80.0	18.244	16.1	0.0	0.0	0.0	2.2
2	16.3	23.5	19.8	74.0	17.089	15.0	0.0	0.0	0.0	0.3
3	15.6	24.8	19.2	83.6	18.507	16.3	0.0	0.0	0.0	0.0
4	15.0	28.4	20.9	74.5	17.872	15.7	0.0	0.0	0.0	3.8
5	16.0	28.1	22.1	73.9	18.998	16.6	0.0	0.0	0.0	4.2
6	16.6	25.3	20.6	79.3	19.108	16.8	0.0	0.0	0.0	0.7
7	16.8	22.5	18.5	91.7	19.665	17.3	2.7	0.0	2.7	0.0
8	14.0	24.6	20.2	75.6	17.394	15.3	0.0	9.6	9.6	3.3
9	15.1	25.3	20.0	71.0	16.017	14.0	0.0	0.0	0.0	1.5
10	13.8	25.3	19.1	77.3	16.586	14.5	0.0	0.0	0.0	2.4
11	15.0	24.7	19.0	82.4	18.055	15.9	0.6	0.0	0.6	0.0
12	16.3	25.0	19.2	80.1	17.777	15.6	3.2	2.9	6.1	0.5
13	15.3	26.7	20.3	71.5	16.512	14.4	0.0	0.0	0.0	0.9
14	14.7	28.2	20.6	69.9	15.633	13.2	0.0	0.0	0.0	2.4
15	14.0	25.0	19.3	76.2	16.586	14.5	0.0	0.0	0.0	2.9
16	15.1	23.7	20.0	73.1	17.188	15.1	0.0	20.3	20.3	2.7
17	15.0	22.2	18.5	90.4	19.371	16.9	4.8	0.0	4.8	0.3
18	16.0	25.7	20.4	78.7	18.679	16.4	1.4	0.4	1.8	1.4
19	14.7	27.6	20.6	68.8	15.956	13.7	0.0	0.0	0.0	3.9
20	13.3	27.8	20.1	71.7	15.612	13.3	0.0	8.7	8.7	3.8
21	14.0	22.8	18.1	89.0	18.343	16.1	2.7	3.7	6.4	0.1
22	15.6	25.0	19.1	81.9	17.945	15.8	4.5	2.4	6.9	0.4
23	16.0	25.0	19.3	76.9	16.983	14.9	0.0	0.0	0.0	1.6
24	14.0	24.7	17.9	76.9	15.738	13.8	1.4	0.4	1.8	0.8
25	15.4	23.6	18.6	79.6	16.880	14.8	4.1	0.2	4.3	0.4
26	15.0	25.7	19.3	76.9	16.961	14.9	0.0	1.2	1.2	2.1
27	16.6	27.4	20.9	73.9	17.626	15.4	0.0	0.0	0.0	1.9
28	14.2	26.0	19.7	76.3	16.856	14.8	0.0	19.4	19.4	1.2
29	15.8	23.2	19.0	78.9	17.315	15.2	1.1	3.7	4.8	0.1
30	15.0	23.3	19.4	75.1	16.993	14.9	0.0	0.0	0.0	0.3
31	14.3	23.8	17.9	81.9	16.766	14.7	1.6	19.5	21.1	0.1
PROM.	15.1	25.2	19.6	77.8	17.396	15.2	28.1	92.4	120.5	46.2

ESTACION: SUBESTACION ALBAN

MUNICIPIO: EL CAIRO

AÑO: 1.961

ALTITUD: 1.400

LATITUD: 4-46 N.

LONGITUD: 76-13 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	23.2	16.9	84.2	16.014	14.0	3.2	1.5	4.7	0.0
2	14.6	24.6	19.1	74.9	16.002	13.9	0.0	0.0	0.0	0.6
3	15.0	23.6	18.8	80.0	16.971	14.9	0.3	0.0	0.3	0.0
4	13.6	25.6	18.5	82.1	17.091	15.0	0.0	3.9	3.9	0.0
5	14.0	25.8	19.6	77.4	17.226	15.2	0.0	0.0	0.0	0.0
6	15.4	23.0	19.0	79.8	17.473	15.4	0.5	3.7	4.2	1.6
7	14.3	25.2	19.6	79.2	17.628	15.5	0.0	0.0	0.0	0.0
8	15.0	23.1	18.6	87.3	18.617	16.4	0.0	8.9	8.9	0.0
9	14.2	23.2	18.0	82.0	16.545	14.5	0.9	0.0	0.9	0.0
10	14.6	23.5	17.9	81.7	16.502	14.4	0.7	18.1	18.8	4.4
11	14.9	24.7	19.2	78.2	17.012	14.9	0.0	0.0	0.0	4.0
12	14.2	25.8	19.5	78.9	17.502	15.4	0.0	0.0	0.0	7.0
13	14.9	26.7	20.7	68.8	16.080	14.1	0.0	0.0	0.0	6.2
14	15.7	24.9	19.3	76.8	17.135	15.1	2.0	5.3	7.3	5.3
15	13.3	25.4	19.5	76.0	16.699	14.6	0.0	0.0	0.0	5.2
16	14.4	26.4	20.3	74.3	17.265	15.1	0.0	0.0	0.0	5.3
17	13.9	27.3	19.9	72.3	15.717	13.5	0.0	0.0	0.0	9.3
18	15.5	26.6	20.6	75.8	18.126	15.9	0.0	0.3	0.3	7.4
19	15.7	24.8	19.7	79.9	18.047	15.8	0.0	0.0	0.0	3.3
20	13.7	28.0	20.4	78.1	17.978	15.8	0.0	0.0	0.0	8.9
21	16.4	26.4	20.2	78.4	18.404	16.2	0.0	0.0	0.0	5.0
22	15.5	26.2	20.7	79.7	19.051	16.7	0.0	0.0	0.0	6.0
23	13.9	27.0	19.6	79.0	17.486	15.3	0.0	0.0	0.0	8.1
24	14.6	28.7	20.9	72.8	17.174	15.0	0.0	0.0	0.0	8.2
25	15.5	28.6	20.5	75.7	18.335	16.1	0.6	0.0	0.6	4.8
26	15.4	28.5	21.4	71.1	16.957	14.5	0.0	0.0	0.0	8.6
27	16.9	28.4	20.9	73.8	18.371	16.2	0.0	0.0	0.0	5.3
28	16.0	25.0	19.5	74.7	16.682	14.6	0.0	0.8	0.8	7.8
29	13.1	24.6	19.0	77.9	16.635	14.6	0.0	9.8	9.8	7.2
30	15.4	24.5	19.6	76.6	17.195	15.1	0.0	10.1	10.1	7.9
PROM.	14.8	25.6	19.6	77.6	17.264	15.1	8.2	62.4	70.6	137.4

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	25.4	19.3	76.0	16.751	14.7	13.2	0.2	13.4	2.1
2	14.4	22.9	18.5	80.7	16.999	14.9	0.2	0.0	0.2	0.7
3	15.4	22.4	17.4	83.4	16.754	14.7	1.7	0.0	1.7	2.2
4	13.5	25.2	19.0	74.5	16.673	14.7	5.8	0.8	6.6	4.4
5	12.6	25.0	19.5	80.0	17.596	15.4	0.0	0.0	0.0	8.3
6	15.3	23.9	20.0	79.4	18.227	16.0	0.0	0.0	0.0	0.0
7	15.3	25.3	20.1	78.6	17.981	15.8	3.6	0.1	3.7	4.0
8	14.0	23.7	18.8	74.1	16.135	14.1	0.4	0.0	0.4	3.7
9	14.0	23.5	18.3	82.8	17.259	15.2	0.4	14.2	14.6	2.7
10	15.0	23.0	18.8	85.4	18.482	16.3	3.8	0.0	3.8	3.0
11	14.6	24.2	19.2	78.5	17.161	15.0	0.0	0.0	0.0	3.5
12	15.7	23.6	19.0	83.8	18.219	16.0	0.9	0.0	0.9	4.4
13	14.9	25.5	18.9	80.5	17.843	15.7	0.3	0.0	0.3	3.2
14	14.9	25.1	19.1	80.5	17.426	15.3	1.4	0.0	1.4	4.2
15	15.2	24.0	18.1	89.4	18.738	16.5	19.6	0.2	19.8	1.6
16	13.0	25.0	19.0	81.4	17.419	15.3	0.1	0.8	0.9	6.0
17	16.6	25.2	20.3	76.8	18.094	15.9	0.0	0.0	0.0	4.6
18	16.6	25.1	20.6	83.7	20.016	17.5	0.0	1.7	1.7	4.2
19	16.4	24.8	19.7	81.5	18.372	16.1	0.0	0.0	0.0	4.9
20	15.6	24.8	20.7	74.1	17.412	15.3	0.0	0.0	0.0	7.5
21	16.6	26.7	20.8	75.1	18.152	16.0	0.0	0.9	0.9	5.9
22	16.5	21.8	18.6	85.0	18.241	16.0	2.9	0.0	2.9	0.1
23	15.3	22.9	18.6	80.2	16.989	14.9	0.0	10.5	10.5	2.8
24	15.2	25.3	19.3	80.2	17.562	15.3	2.0	0.0	2.0	4.3
25	14.0	24.8	19.5	78.3	18.016	15.8	8.6	0.0	8.6	3.9
26	14.7	24.8	19.2	77.6	17.165	15.0	9.8	0.0	9.8	2.2
27	14.7	23.0	18.5	81.1	17.266	15.2	0.9	0.0	0.9	0.8
28	14.5	24.0	19.0	82.5	18.001	15.8	4.3	2.6	6.9	2.8
29	16.2	24.5	19.7	81.0	18.304	16.1	0.0	37.0	37.0	3.8
30	16.2	21.2	18.6	86.1	18.286	16.1	3.7	0.0	3.7	0.0
31	15.4	23.0	17.9	84.6	17.565	15.5	6.6	17.2	23.8	2.4
PROM.	15.1	24.2	19.2	80.5	17.713	15.6	90.2	86.2	176.4	104.2

ESTACION: SUBESTACION ALBAN

MUNICIPIO: EL CAIRO

AÑO: 1.941

ALTITUD: 1.400

LATITUD: 4-46 N.

LONGITUD: 76-13 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.7	20.2	17.8	84.1	17.190	15.1	1.5	0.0	1.5	0.2
2	14.5	23.0	18.9	76.5	16.711	14.7	0.0	0.0	0.0	3.9
3	14.5	25.7	19.3	80.7	17.845	15.7	0.0	1.3	1.3	6.6
4	15.8	22.7	18.0	89.1	18.379	16.2	6.1	23.3	29.4	3.4
5	15.6	24.0	19.6	77.9	17.442	15.3	0.0	0.9	0.9	8.3
6	15.6	25.2	20.5	78.8	18.515	16.3	0.0	1.4	1.4	6.9
7	17.2	24.9	19.5	82.0	18.589	16.3	0.0	7.6	7.6	2.9
8	16.8	23.1	19.3	84.7	19.007	16.7	5.7	42.6	48.3	3.3
9	15.3	24.9	19.1	82.5	18.015	15.9	0.0	0.7	0.7	6.2
10	15.8	24.0	19.3	82.3	18.252	16.0	0.9	1.1	2.0	3.0
11	16.3	24.3	19.7	83.2	19.131	16.8	0.0	0.2	0.2	6.2
12	15.7	24.0	19.2	85.2	18.784	16.5	0.0	0.5	0.5	4.5
13	15.9	23.0	18.9	84.8	18.358	16.1	0.6	2.0	2.6	4.1
14	15.0	21.0	17.8	89.5	18.545	16.3	3.9	0.0	3.9	0.3
15	14.5	24.3	19.4	84.4	18.829	16.5	0.7	0.0	0.7	3.1
16	14.2	24.3	19.2	84.2	18.711	16.5	6.8	0.3	7.1	2.0
17	14.4	25.0	19.7	74.8	16.763	14.7	0.0	0.0	0.0	7.2
18	16.5	23.7	18.5	92.3	19.890	17.4	12.4	0.4	12.8	2.0
19	13.6	24.5	18.8	79.2	16.837	14.7	0.0	7.6	7.6	8.7
20	15.0	22.6	18.6	82.7	17.557	15.4	4.6	2.6	7.2	3.2
21	13.8	21.2	17.4	87.7	17.389	15.3	4.6	0.0	4.6	2.6
22	14.4	22.4	18.9	78.6	17.033	15.0	4.2	0.9	5.1	2.2
23	15.0	24.6	18.8	82.4	17.716	15.6	0.0	0.2	0.2	4.2
24	15.0	23.1	18.8	83.0	17.878	15.7	0.0	11.4	11.4	2.7
25	15.5	24.6	19.4	81.2	18.122	16.0	5.1	0.0	5.1	2.7
26	15.8	24.1	19.8	79.2	17.954	15.7	0.0	15.1	15.1	6.3
27	16.0	21.2	18.1	95.6	20.114	17.6	27.7	0.7	28.4	0.6
28	13.6	24.9	17.9	86.0	17.388	15.2	0.0	15.4	15.4	3.2
29	15.0	21.8	17.6	86.3	17.317	15.2	1.3	1.3	2.6	0.0
30	15.5	23.2	19.4	81.2	18.047	15.8	0.0	0.0	0.0	3.9
PROM.	15.2	23.5	18.9	83.3	18.077	15.9	86.1	137.5	223.6	114.4

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	15.5	23.5	18.8	81.0	17.548	15.5	0.3	1.0	1.3	2.3
2	15.2	24.5	19.5	76.9	16.974	14.9	0.0	0.0	0.0	7.1
3	16.0	24.0	20.1	74.3	17.611	15.5	0.0	0.0	0.0	7.0
4	16.1	24.4	20.4	81.6	19.173	16.8	2.2	3.3	5.5	5.3
5	15.2	23.2	19.1	78.9	17.202	15.0	3.1	12.7	15.8	0.0
6	16.2	24.5	19.1	86.2	18.795	16.5	0.0	0.0	0.0	2.9
7	15.3	22.5	19.2	82.0	17.904	15.6	0.0	0.0	0.0	4.0
8	14.7	23.7	19.8	78.6	17.510	15.4	0.0	0.0	0.0	4.0
9	15.1	25.0	19.9	76.1	17.276	15.2	0.0	0.0	0.0	3.2
10	17.1	22.8	19.8	80.6	18.359	16.1	0.0	0.0	0.0	0.0
11	16.4	23.0	19.3	80.3	17.803	15.6	0.7	0.9	1.6	1.7
12	15.5	24.6	19.9	74.9	16.950	14.9	0.0	0.4	0.4	7.3
13	15.1	25.0	20.5	78.0	18.847	16.6	5.8	2.4	8.2	5.2
14	15.8	25.4	20.2	79.7	18.480	16.3	0.0	0.0	0.0	3.9
15	16.8	25.0	20.0	78.5	18.062	15.8	0.0	5.3	5.3	6.2
16	16.9	24.4	20.2	76.2	17.803	15.6	0.0	0.0	0.0	4.4
17	16.4	24.3	20.2	76.9	17.818	15.6	0.0	0.0	0.0	6.7
18	17.2	24.1	18.4	91.3	19.189	16.8	22.8	0.0	22.8	2.3
19	14.8	23.7	18.7	86.5	18.326	16.1	0.1	10.0	10.1	4.4
20	17.7	25.6	20.0	79.4	18.722	16.4	0.0	6.2	6.2	2.4
21	16.4	22.9	18.4	83.5	17.736	15.6	14.7	0.6	15.3	0.8
22	16.1	23.7	19.5	78.4	17.456	15.3	0.0	0.0	0.0	2.2
23	15.6	24.0	19.7	76.7	17.461	15.4	0.0	0.0	0.0	3.6
24	15.5	23.7	19.5	82.0	18.285	16.1	0.0	0.0	0.0	4.6
25	16.5	25.0	20.5	82.3	19.987	17.4	0.0	0.0	0.0	0.6
26	14.6	25.0	19.0	84.1	17.934	15.7	0.0	0.0	0.0	5.4
27	15.4	25.0	20.1	81.7	18.967	16.6	0.0	0.0	0.0	6.5
28	15.5	23.8	19.9	79.0	17.954	15.8	0.0	0.0	0.0	7.2
29	15.0	17.3	15.4	93.0	16.371	14.3	9.3	0.0	9.3	0.0
30	13.8	25.5	19.2	78.4	16.576	14.9	0.0	7.6	7.6	5.6
31	15.2	24.2	19.1	82.8	17.848	15.7	1.2	3.2	4.4	1.3
PROM.	15.8	24.0	19.5	80.6	17.981	15.8	60.2	53.6	113.8	118.1

ESTACION: SUBESTACION ALBAN

MUNICIPIO EL CAIRO

AÑO: 1.981

ALTITUD: 1.400

LATITUD: 4-46 N.

LONGITUD: 76-13 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.4	25.1	19.7	13.8	27.0	77.2	17.371	15.2	35.0	9	157.9
FEBRERO	15.8	24.3	19.4	13.3	28.3	79.7	17.805	15.6	58.9	18	116.5
MARZO	15.7	25.0	19.8	13.5	28.6	80.1	18.250	16.0	100.4	16	105.9
ABRIL	15.7	25.1	19.7	13.0	27.2	80.8	18.295	16.0	205.1	21	72.3
MAYO	15.9	25.2	19.5	14.4	29.3	81.1	18.282	16.0	172.0	23	18.6
JUNIO	15.2	25.0	19.2	12.8	27.5	81.1	17.912	15.7	180.3	19	10.3
JULIO	14.7	25.6	19.6	12.8	28.2	78.3	17.470	15.3	89.3	9	29.7
AGOSTO	15.1	25.2	19.6	13.3	28.4	77.8	17.396	15.2	120.5	16	46.2
SEPTIEMBRE	14.8	25.6	19.6	13.1	28.7	77.6	17.264	15.1	70.6	13	137.4
OCTUBRE	15.1	24.2	19.2	12.6	26.7	80.5	17.713	15.6	176.4	25	104.2
NOVIEMBRE	15.2	23.5	18.9	13.6	25.7	83.3	18.077	15.9	223.6	27	114.4
DICIEMBRE	15.8	24.0	19.5	13.8	25.6	80.6	17.981	15.8	113.8	14	118.1
PROMEDIO	15.4	24.8	19.5	13.3	27.6	79.8	17.818	15.6			
TOTAL									1545.9	210	1031.5

ESTACION: ARTURO GOMEZ
 ALTITUD: 1.320

MUNICIPIO: ALCALA AÑO: 1.961
 LATITUD: 4-40 N. LONGITUD: 75-48 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	28.0	21.6	63.4	15.643	13.4	0.0	0.0	0.0	6.2
2	16.6	28.5	21.9	71.3	18.014	15.7	0.0	0.0	0.0	2.9
3	14.8	28.5	22.2	69.3	17.457	15.2	0.0	0.0	0.0	8.3
4	16.0	29.0	23.4	56.8	14.664	12.6	0.0	0.0	0.0	7.9
5	16.0	28.5	22.4	62.1	16.048	13.7	0.2	0.0	0.2	6.9
6	14.5	28.5	23.0	58.4	15.090	13.0	0.0	0.0	0.0	6.1
7	15.5	26.5	20.2	77.4	18.326	16.1	5.8	0.0	5.8	3.8
8	16.8	26.5	21.3	75.4	18.781	16.5	0.0	0.0	0.0	3.7
9	16.8	26.5	21.1	72.4	17.721	15.5	0.0	0.0	0.0	8.3
10	14.5	27.0	21.6	60.2	14.503	12.4	0.0	0.0	0.0	2.0
11	16.5	26.0	20.0	70.0	16.281	14.2	0.0	0.0	0.0	0.0
12	16.5	28.5	21.6	72.9	18.199	15.7	0.0	0.0	0.0	8.3
13	16.0	29.0	23.0	62.5	16.782	14.7	0.0	0.0	0.0	7.5
14	15.6	27.5	22.3	63.1	15.872	13.8	0.0	0.0	0.0	8.9
15	14.5	28.8	21.9	58.0	13.826	11.7	0.0	0.0	0.0	7.6
16	14.5	28.8	21.9	62.5	14.819	12.7	0.0	0.0	0.0	7.3
17	16.5	29.9	23.3	59.7	15.556	13.4	0.0	0.0	0.0	4.0
18	17.5	31.0	23.7	62.1	17.442	15.2	0.0	0.0	0.0	8.5
19	17.5	29.5	23.2	60.0	15.879	13.6	0.0	0.0	0.0	8.5
20	14.8	29.0	22.5	61.5	15.363	13.2	0.0	0.3	0.3	8.5
21	15.5	29.6	22.9	58.6	14.731	12.5	0.0	0.0	0.0	9.2
22	17.0	29.3	22.0	64.9	16.261	14.1	0.0	0.0	0.0	8.1
23	16.4	29.5	22.5	59.1	15.377	13.3	0.0	0.0	0.0	7.8
24	15.5	28.8	22.7	56.4	13.717	11.5	0.0	0.0	0.0	8.2
25	14.5	28.8	23.0	57.4	14.113	11.9	0.0	0.0	0.0	8.2
26	16.0	29.0	22.6	61.3	15.441	13.2	0.0	0.0	0.0	8.4
27	13.8	29.9	21.8	64.1	15.593	13.6	0.0	0.0	0.0	8.0
28	14.5	29.3	22.3	64.8	16.217	13.9	4.8	0.0	4.8	4.4
29	16.5	26.5	21.7	72.9	18.114	15.7	0.0	0.0	0.0	1.7
30	16.0	28.4	22.9	63.5	16.383	14.2	0.0	0.2	0.2	4.8
31	17.5	26.5	20.3	77.5	18.336	16.0	12.6	5.9	18.5	3.1
PROM.	15.8	28.4	22.2	64.5	16.147	13.9	23.4	6.4	29.8	197.3

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	15.5	28.0	20.2	78.0	17.838	15.6	10.6	0.0	10.6	4.2
2	14.5	26.3	19.8	73.4	16.242	14.0	0.0	0.2	0.2	6.5
3	14.3	26.0	19.5	79.1	17.734	15.4	0.0	0.0	0.0	4.7
4	14.8	25.0	19.5	76.2	16.934	14.5	1.2	0.0	1.2	4.3
5	15.5	26.5	18.1	81.0	16.793	14.6	15.2	0.0	15.2	3.3
6	14.5	26.5	22.5	64.4	16.299	14.2	0.0	0.0	0.0	6.6
7	14.6	27.0	21.0	70.3	16.522	14.2	0.0	0.0	0.0	5.6
8	15.6	27.1	20.6	70.1	16.688	14.2	0.0	0.3	0.3	5.6
9	14.5	27.0	19.3	78.1	17.159	14.9	3.5	0.0	3.5	5.0
10	13.5	29.0	21.1	71.4	16.875	14.7	0.0	0.0	0.0	7.4
11	15.0	29.5	22.0	70.8	17.650	15.3	0.0	0.0	0.0	0.6
12	15.5	22.0	19.5	86.1	19.330	16.9	0.0	4.9	4.9	6.6
13	15.6	26.0	20.1	81.6	18.909	16.5	1.7	9.0	10.7	6.6
14	16.4	27.5	21.0	68.2	16.203	14.1	0.0	0.3	0.3	4.3
15	16.2	28.6	21.5	70.0	17.421	15.1	0.0	0.0	0.0	6.3
16	16.3	29.0	20.6	74.1	18.165	15.9	0.2	1.8	2.0	7.9
17	15.5	27.5	21.0	79.5	19.120	16.6	0.0	0.0	0.0	3.4
18	16.8	26.0	19.9	70.2	16.309	14.2	0.0	8.0	8.0	4.3
19	13.5	26.3	21.1	79.2	19.318	16.8	7.4	0.1	7.5	3.7
20	13.5	27.5	21.4	72.1	17.807	15.5	1.4	0.0	1.4	4.7
21	15.0	28.0	21.7	63.7	15.305	13.2	0.0	0.0	0.0	5.7
22	16.0	28.5	22.9	68.6	18.105	15.9	0.0	1.8	1.8	6.1
23	18.0	26.0	19.6	87.2	20.256	17.7	1.3	0.0	1.3	1.8
24	16.5	27.5	22.3	69.6	17.708	15.4	0.0	0.0	0.0	7.4
25	16.6	27.0	22.4	74.3	19.385	16.8	0.0	0.0	0.0	3.3
26	15.5	31.0	23.2	69.2	18.391	16.0	0.0	0.0	0.0	9.4
27	16.5	29.5	22.5	72.8	18.921	16.5	0.0	0.0	0.0	7.0
28	14.7	30.5	23.5	70.0	19.089	16.7	0.0	0.0	0.0	7.5
PROM	15.4	27.4	21.0	73.9	17.731	15.4	42.8	26.1	68.9	147.1

ESTACION: ARTURO GOMEZ

MUNICIPIO: ALCALA

AÑO:

1.981

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	18.0	31.0	24.2	66.5	18.733	16.3	0.0	0.0	0.0	8.4
2	17.5	30.0	23.2	74.2	20.451	17.7	0.6	0.7	1.3	4.5
3	15.0	27.0	22.6	66.2	17.004	14.8	2.2	0.0	2.2	5.3
4	15.8	29.5	23.8	68.0	18.694	16.3	0.0	0.0	0.0	7.3
5	17.5	28.5	21.5	74.9	18.715	16.2	0.6	6.4	7.0	4.7
6	16.3	26.0	21.6	77.4	19.314	16.8	0.0	0.3	0.3	2.4
7	18.5	27.5	21.6	78.0	19.568	16.9	0.7	3.2	3.9	3.3
8	16.8	24.5	19.8	89.7	20.950	18.2	15.7	1.1	16.8	1.8
9	16.5	25.2	19.5	82.6	18.731	16.4	3.1	46.3	49.4	2.1
10	16.0	24.0	20.0	83.2	18.986	16.6	0.6	7.3	7.9	1.4
11	16.3	26.5	21.0	74.1	17.921	15.6	4.5	0.0	4.5	2.7
12	16.5	26.5	20.9	77.2	18.720	16.4	0.7	0.0	0.7	2.6
13	15.3	27.0	21.8	71.3	17.810	15.5	0.0	3.1	3.1	3.5
14	16.8	26.5	20.9	78.0	18.829	16.5	1.7	4.9	6.6	0.8
15	15.0	26.0	20.5	76.1	17.927	15.7	0.0	6.2	6.2	3.9
16	17.3	28.5	21.9	70.4	17.593	15.2	0.0	0.9	0.9	6.9
17	15.5	28.0	20.8	72.3	17.263	15.0	11.7	0.0	11.7	4.3
18	14.5	27.5	21.7	74.3	18.639	16.3	1.2	1.5	2.7	5.2
19	16.5	28.8	22.9	66.2	18.008	15.7	0.0	0.0	0.0	8.3
20	16.8	29.3	21.0	75.1	17.957	15.5	4.4	0.0	4.4	7.4
21	17.5	28.5	22.4	64.9	16.862	14.5	0.0	0.0	0.0	6.4
22	16.6	26.0	21.5	72.2	17.925	15.5	0.0	2.7	2.7	3.1
23	16.4	27.5	21.0	74.1	17.573	15.2	0.0	0.0	0.0	4.7
24	16.4	28.5	21.6	67.0	16.644	14.5	0.0	0.0	0.0	6.9
25	14.8	28.5	22.0	64.5	15.641	13.6	0.0	3.5	3.5	7.6
26	15.8	26.0	20.0	72.0	16.428	14.3	0.0	0.0	0.0	5.0
27	13.4	28.0	22.1	65.8	15.860	13.7	0.0	0.0	0.0	6.8
28	15.5	29.5	20.8	75.8	17.861	15.4	5.1	0.0	5.1	7.5
29	16.5	26.3	20.4	77.0	18.207	16.0	0.0	0.0	0.0	4.9
30	14.4	28.5	21.4	69.6	16.795	14.6	0.2	0.0	0.2	6.2
31	15.6	28.0	21.7	68.4	16.868	14.7	0.0	0.0	0.0	6.3
PROM.	16.2	27.5	21.5	73.1	18.017	15.7	53.0	88.1	141.1	152.2

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	13.9	28.8	21.7	65.4	15.868	13.9	0.0	0.0	0.0	7.7
2	14.8	28.5	21.6	76.1	18.930	16.5	0.3	0.4	0.7	3.5
3	15.5	26.5	21.5	78.0	19.823	17.3	2.1	0.0	2.1	2.3
4	17.5	29.9	20.9	76.2	18.499	16.1	2.8	0.0	2.8	5.3
5	18.4	24.0	19.7	85.1	19.768	17.3	14.0	11.0	25.0	0.3
6	17.5	27.5	21.4	74.9	18.528	16.2	0.0	0.0	0.0	7.3
7	16.5	27.5	21.6	73.9	18.733	16.4	0.0	0.6	0.6	5.3
8	17.0	27.5	22.7	73.5	19.573	17.1	1.8	2.1	3.9	3.3
9	16.5	26.0	21.2	78.1	19.163	16.7	0.0	0.0	0.0	1.6
10	16.6	29.9	23.3	70.7	19.450	17.0	0.0	0.0	0.0	8.5
11	18.2	28.0	23.5	75.3	21.225	18.4	0.0	0.0	0.0	2.8
12	15.8	25.0	20.0	87.3	21.153	18.3	16.0	5.0	21.0	0.1
13	16.5	28.0	21.1	72.7	17.350	15.1	0.3	0.4	0.7	4.8
14	16.4	27.5	20.5	77.6	18.518	16.2	1.5	0.2	1.7	3.8
15	16.5	26.5	21.0	78.2	18.794	16.5	3.5	6.1	9.6	5.4
16	16.0	25.1	19.9	76.0	17.593	15.5	0.0	0.0	0.0	1.1
17	14.4	28.0	20.3	57.3	13.828	11.0	0.3	3.2	3.5	4.3
18	16.5	28.0	20.4	76.4	17.773	15.5	13.0	35.4	48.4	4.4
19	15.6	20.0	18.3	97.6	20.591	17.9	5.1	0.0	5.1	0.0
20	14.8	26.5	20.9	72.2	17.043	14.8	0.0	0.0	0.0	4.4
21	14.5	29.3	23.0	67.8	17.942	15.6	0.0	15.9	15.9	10.2
22	16.8	25.9	20.5	83.3	20.064	17.5	4.7	0.4	5.1	2.2
23	16.0	28.5	21.9	73.2	18.607	16.3	0.0	13.5	13.5	8.0
24	16.8	26.5	21.6	78.6	20.041	17.5	0.1	0.0	0.1	4.4
25	16.4	28.5	23.3	74.7	20.514	17.9	0.0	0.0	0.0	9.3
26	18.0	25.8	19.6	85.5	19.511	17.0	0.6	0.6	1.2	0.7
27	16.8	20.5	18.6	93.8	20.310	17.7	28.4	2.6	31.0	0.0
28	15.5	26.5	19.6	78.5	17.310	15.2	0.0	0.5	0.5	2.5
29	17.5	27.5	21.7	72.1	18.219	16.0	0.0	1.8	1.8	5.1
30	16.5	27.5	20.0	87.8	20.632	18.0	0.6	14.4	15.0	0.0
PROM.	16.3	26.8	21.0	77.3	18.845	16.4	95.1	114.1	209.2	118.6

ESTACION: ARTURO GOMEZ

MUNICIPIO: ALCALA

AÑO: 1.981

ALTITUD: 1.320

LATITUD: 4-40 N.

LONGITUD: 75-48 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	26.0	19.8	79.8	18.359	16.1	3.3	0.0	3.3	3.7
2	18.0	27.0	21.6	67.6	16.907	14.6	0.0	28.7	28.7	5.6
3	15.8	26.8	20.6	75.2	18.139	15.9	0.0	0.0	0.0	6.4
4	16.8	24.0	19.4	87.4	19.587	17.2	25.5	2.5	28.0	1.4
5	16.0	26.0	20.2	74.3	17.130	15.0	6.4	7.4	13.8	2.9
6	15.4	24.5	19.6	76.4	16.858	14.8	0.5	0.1	0.6	3.0
7	15.8	27.5	21.2	68.2	16.470	14.2	0.0	1.7	1.7	4.7
8	15.5	22.0	18.8	81.1	17.259	15.1	0.4	0.2	0.6	1.4
9	15.0	26.0	20.4	72.3	16.426	14.2	0.0	0.0	0.0	1.6
10	15.0	26.0	19.6	75.9	16.769	14.6	1.2	2.9	4.1	6.0
11	14.5	27.0	20.3	77.0	17.640	15.3	2.9	0.4	3.3	5.2
12	15.5	25.5	21.5	72.2	17.844	15.7	0.0	0.0	0.0	4.7
13	14.8	28.0	22.7	69.8	18.567	16.2	0.0	32.0	32.0	7.0
14	16.8	25.5	21.6	73.9	18.494	16.2	6.4	0.0	6.4	4.3
15	14.8	27.5	21.3	76.9	18.903	16.5	0.0	17.3	17.3	4.5
16	17.0	24.0	19.4	86.2	19.730	17.3	0.4	0.0	0.4	0.1
17	15.2	27.5	20.8	83.8	20.616	18.0	9.2	1.3	10.5	6.2
18	17.0	26.0	22.1	71.9	18.761	16.3	0.0	0.0	0.0	0.5
19	14.2	28.5	22.4	74.6	19.352	16.6	0.0	0.0	0.0	6.2
20	17.0	30.0	23.1	72.2	19.665	17.2	0.0	0.0	0.0	10.1
21	17.5	28.8	22.0	78.3	20.509	17.8	1.1	0.0	1.1	3.7
22	18.0	29.9	22.6	69.6	18.947	16.6	3.1	13.3	16.4	7.2
23	18.0	28.5	20.8	85.5	21.541	18.7	23.1	3.7	26.8	1.1
24	17.0	27.0	20.1	81.8	19.447	17.0	8.4	8.8	17.2	3.4
25	18.0	26.0	20.5	83.0	19.925	17.4	0.6	0.3	0.9	2.3
26	17.5	27.0	21.4	75.1	18.605	16.3	0.3	3.8	4.1	6.4
27	17.5	26.5	22.1	78.2	20.306	17.7	0.0	0.4	0.4	3.3
28	18.0	27.0	20.5	81.1	19.569	17.1	20.8	0.0	20.8	5.5
29	17.0	28.8	21.0	80.6	20.028	17.5	33.9	8.5	42.4	5.0
30	18.5	25.8	20.7	84.6	20.514	17.9	2.2	13.1	15.3	0.8
31	16.5	27.5	21.8	79.9	20.295	17.7	0.0	18.1	18.1	5.6
PROM.	16.4	26.7	21.0	77.2	18.812	16.4	149.7	164.5	314.2	129.8

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	17.5	27.0	21.1	75.4	18.363	16.0	0.0	10.7	10.7	6.5
2	16.4	28.3	22.1	72.7	18.554	16.2	0.0	0.0	0.0	9.0
3	16.4	28.9	20.2	79.3	18.630	16.3	21.8	0.0	21.8	8.1
4	15.3	28.3	22.3	74.3	19.135	16.6	0.0	0.0	0.0	9.7
5	16.2	28.9	23.1	70.4	18.974	16.6	0.0	0.0	0.0	8.1
6	17.2	29.5	22.4	76.3	20.299	17.7	0.1	18.7	18.8	6.1
7	18.0	26.0	21.2	74.7	18.250	15.8	0.0	0.0	0.0	2.5
8	18.0	25.5	21.2	80.3	19.952	17.4	1.2	18.1	19.3	1.7
9	17.0	25.5	20.0	82.7	19.327	17.0	8.1	0.0	8.1	1.5
10	16.5	25.5	21.2	79.0	19.331	16.8	0.0	0.0	0.0	5.7
11	17.5	26.5	21.5	78.1	19.589	17.0	0.2	0.0	0.2	2.3
12	17.3	24.7	20.5	87.2	21.032	18.3	0.9	0.6	1.5	1.3
13	18.0	26.5	21.6	78.2	19.675	17.1	0.0	0.0	0.0	4.4
14	16.9	27.3	21.4	75.5	18.722	16.4	0.0	0.0	0.0	3.4
15	18.0	25.5	18.8	83.2	17.976	15.6	3.8	0.3	4.1	2.7
16	16.5	24.5	19.1	88.6	19.663	17.2	3.0	1.6	4.6	3.7
17	16.0	28.0	21.3	76.9	18.770	16.4	0.0	0.7	0.7	7.8
18	17.3	25.0	19.5	83.9	19.212	16.8	19.9	0.0	19.9	0.8
19	14.5	27.3	20.0	74.2	16.626	14.5	1.9	2.8	4.7	8.8
20	16.3	25.5	21.7	73.5	18.903	16.5	0.0	0.0	0.0	1.6
21	16.5	28.0	21.3	72.2	17.746	15.4	0.0	0.0	0.0	5.2
22	16.5	27.6	20.7	76.8	18.442	16.1	2.4	0.0	2.4	4.2
23	16.0	26.5	20.4	80.6	18.944	16.6	3.3	0.0	3.3	3.0
24	16.0	25.5	21.5	80.4	20.052	17.4	0.0	0.0	0.0	3.3
25	16.5	26.5	21.3	75.4	18.644	16.4	0.0	0.0	0.0	5.9
26	16.5	27.3	22.8	74.6	19.758	17.2	0.3	0.0	0.3	4.8
27	18.0	26.5	21.8	81.5	20.861	18.1	0.9	0.0	0.9	6.1
28	16.0	27.0	20.4	83.0	20.107	17.5	0.9	4.7	5.6	5.6
29	16.0	25.0	20.2	82.2	19.403	17.0	33.8	27.5	61.3	0.8
30	16.5	27.0	20.8	79.4	19.090	16.7	0.3	0.6	0.9	3.7
PROM.	16.7	26.7	21.0	78.4	19.134	16.7	102.8	86.3	189.1	138.3

ESTACION: ARTURO GOMEZ

MUNICIPIO: ALCALA

AÑO:

1.981

ALTITUD: 1.320

LATITUD: 4-40 N.

LONGITUD: 75-48 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	26.5	21.1	72.3	17.571	15.4	0.0	14.5	14.5	4.9
2	16.5	26.5	20.5	77.8	18.193	15.9	0.8	0.0	0.8	8.2
3	16.5	25.5	21.0	79.2	19.642	17.2	0.0	0.0	0.0	3.8
4	16.0	26.0	20.7	79.6	19.321	16.8	9.9	0.0	9.9	4.3
5	16.5	26.0	19.7	77.1	17.720	15.5	4.0	0.5	4.5	6.1
6	15.5	26.5	20.9	83.6	20.704	18.0	0.2	0.3	0.5	3.4
7	16.0	27.5	22.0	77.6	19.641	17.0	0.1	0.0	0.1	6.6
8	17.0	28.5	20.6	80.3	19.281	16.8	6.0	0.0	6.0	5.7
9	17.0	26.5	21.3	77.4	19.231	16.8	0.0	1.6	1.6	5.3
10	17.0	26.0	20.4	80.5	18.984	16.6	10.1	5.4	15.5	3.9
11	17.5	27.0	20.8	76.9	18.350	16.0	1.1	0.0	1.1	6.2
12	17.0	27.5	20.7	75.4	19.112	16.7	0.0	0.0	0.0	7.3
13	16.0	26.5	21.5	74.9	18.452	16.0	0.0	0.0	0.0	5.6
14	16.5	27.2	22.0	70.1	18.082	15.9	0.5	2.9	3.4	7.5
15	17.5	27.5	21.4	73.1	18.188	15.9	0.0	0.2	0.2	7.2
16	15.5	24.5	20.6	78.9	18.759	16.3	1.5	33.3	34.8	4.5
17	16.8	22.5	18.8	90.8	20.115	17.6	9.2	0.0	9.2	0.9
18	14.5	26.0	20.3	75.1	17.562	15.4	0.0	0.5	0.5	7.2
19	16.5	28.2	20.4	79.3	18.840	16.6	0.1	0.2	0.3	8.0
20	14.5	24.5	18.9	80.1	17.853	15.7	2.0	0.0	2.0	3.0
21	13.4	26.3	20.6	70.9	16.044	13.8	0.0	0.0	0.0	8.7
22	14.6	27.5	21.5	72.9	17.824	15.5	0.0	0.0	0.0	8.0
23	15.4	27.4	22.4	61.2	15.383	13.2	0.0	0.0	0.0	8.5
24	14.0	28.4	21.2	66.0	15.705	13.7	0.0	0.0	0.0	9.7
25	13.5	29.5	22.3	56.7	13.689	11.5	0.0	0.0	0.0	10.0
26	14.5	28.3	21.8	58.8	14.265	12.1	0.0	0.0	0.0	7.8
27	14.4	29.0	22.1	64.9	16.344	14.2	0.0	0.0	0.0	9.8
28	15.0	27.5	21.2	72.0	17.127	14.9	0.0	0.0	0.0	4.6
29	14.5	28.0	21.4	70.4	17.213	15.1	0.0	0.0	0.0	8.8
30	14.0	29.3	21.7	68.0	16.459	14.4	0.0	0.0	0.0	8.6
31	15.0	28.5	21.7	74.6	18.703	16.3	0.0	0.0	0.0	8.2
PROM.	15.6	27.0	21.0	74.2	17.882	15.6	45.5	59.4	104.9	202.3

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	14.5	30.0	22.4	69.2	17.731	15.5	0.0	0.0	0.0	8.0
2	14.5	27.5	22.0	73.1	18.620	16.3	0.0	0.0	0.0	4.3
3	17.0	27.5	21.8	73.4	18.348	16.0	0.0	0.0	0.0	1.8
4	15.0	30.0	22.6	63.7	15.677	13.4	0.0	0.0	0.0	9.4
5	16.0	29.5	23.1	67.7	17.912	15.6	0.0	0.0	0.0	9.6
6	17.0	28.5	21.7	69.4	17.225	15.0	0.0	0.9	0.9	5.9
7	16.5	27.3	21.5	75.0	18.428	15.9	0.8	1.0	1.8	3.5
8	14.6	27.3	20.5	72.6	17.235	15.1	0.0	0.0	0.0	6.4
9	17.4	27.5	22.1	70.0	17.662	15.2	0.0	0.0	0.0	5.5
10	13.5	27.5	21.4	66.1	16.010	13.8	0.0	0.0	0.0	7.2
11	15.4	26.5	21.0	76.3	18.406	16.0	0.0	0.0	0.0	3.1
12	16.5	25.0	20.8	76.3	18.221	16.0	1.1	13.7	14.8	0.6
13	16.0	26.0	20.7	76.9	18.028	15.6	0.0	0.0	0.0	5.0
14	16.5	26.5	21.8	72.7	18.446	16.0	0.0	0.0	0.0	4.0
15	13.5	27.5	21.2	67.3	16.093	14.0	0.3	0.0	0.3	8.9
16	16.3	27.5	21.1	70.2	17.087	14.9	0.0	0.0	0.0	7.3
17	16.3	25.5	19.8	80.4	18.366	16.0	0.2	0.0	0.2	1.8
18	16.0	28.0	21.9	68.7	17.387	15.2	0.0	15.0	15.0	8.8
19	15.3	29.2	22.8	54.1	13.422	10.7	0.0	0.0	0.0	8.0
20	14.0	28.5	23.0	64.5	16.606	14.5	0.0	0.0	0.0	1.0
21	16.0	25.5	21.0	73.5	17.947	15.8	0.6	34.7	35.3	5.4
22	17.0	27.5	21.6	72.4	17.891	15.5	0.0	3.9	3.9	6.6
23	16.4	25.5	20.3	73.2	17.119	15.0	12.5	0.0	12.5	3.4
24	14.5	27.3	19.5	73.8	15.917	13.8	0.0	6.3	6.3	6.0
25	15.1	24.5	19.7	79.6	17.741	15.5	1.7	0.0	1.7	3.0
26	16.0	27.0	21.0	75.8	18.235	15.8	2.8	0.6	3.4	7.7
27	17.0	28.5	21.2	72.1	17.548	15.2	0.0	0.0	0.0	7.4
28	14.0	28.3	21.5	62.7	14.846	12.8	0.0	0.7	0.7	8.7
29	16.5	26.0	20.0	75.1	17.432	15.1	4.3	1.2	5.5	3.8
30	15.0	24.5	19.8	79.4	17.928	15.6	1.0	20.6	21.6	5.1
31	14.3	24.5	19.7	77.3	17.045	14.7	1.2	23.6	24.8	3.1
PROM.	15.6	27.2	21.2	71.7	17.308	15.0	26.5	122.2	148.7	170.3

ESTACION: ARTURO GOMEZ
 ALTITUD: 1.320

MUNICIPIO: ALCALA
 LATITUD: 4-40 N.

AÑO: 1.961
 LONGITUD: 75-48 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	24.5	18.4	77.7	15.936	13.6	6.3	2.3	8.6	1.5
2	14.5	25.0	19.6	73.7	16.116	13.9	0.3	0.0	0.3	3.8
3	14.5	25.5	20.0	74.5	17.005	14.8	0.0	2.7	2.7	3.7
4	15.3	25.5	20.3	70.6	16.210	14.1	0.0	0.0	0.0	3.2
5	15.5	25.0	20.0	80.2	18.290	16.1	0.0	0.7	0.7	6.1
6	16.0	27.0	21.8	73.1	18.152	15.7	0.0	0.0	0.0	5.8
7	16.7	26.5	20.1	73.1	17.004	14.9	0.0	0.0	0.0	4.7
8	15.5	25.5	19.7	80.4	18.087	15.8	4.8	1.6	6.4	4.6
9	15.6	26.5	20.9	75.3	17.893	15.5	0.0	0.0	0.0	6.9
10	16.0	24.9	19.8	86.9	19.946	17.5	1.9	21.7	23.6	2.7
11	15.5	25.0	19.4	73.1	15.938	13.6	0.0	0.0	0.0	2.6
12	14.0	27.5	20.8	70.7	16.823	14.8	0.0	0.0	0.0	6.5
13	15.4	25.5	20.9	74.8	17.772	15.5	0.0	0.0	0.0	6.8
14	14.1	27.0	20.6	71.8	16.890	14.6	3.9	10.0	13.9	4.5
15	14.8	24.5	20.0	72.2	16.397	14.3	0.0	0.0	0.0	2.8
16	15.5	26.8	20.5	68.4	15.567	13.9	0.0	0.0	0.0	5.3
17	14.3	29.0	22.4	63.6	15.890	13.9	0.0	0.0	0.0	9.0
18	15.6	29.0	22.0	70.7	17.679	15.4	0.0	0.0	0.0	8.6
19	15.5	23.5	18.6	94.0	20.292	17.7	5.3	0.0	5.3	1.7
20	13.0	26.5	20.3	73.5	16.829	14.8	0.0	0.0	0.0	8.7
21	14.0	28.0	20.9	70.9	16.901	14.7	0.0	0.0	0.0	6.1
22	13.0	28.0	21.5	68.9	16.608	14.5	0.0	0.0	0.0	6.3
23	13.0	30.0	21.8	65.6	15.831	13.6	0.0	0.0	0.0	8.3
24	14.5	29.4	24.2	45.5	11.924	9.1	0.0	0.0	0.0	5.9
25	16.0	27.5	21.4	73.0	18.059	15.8	0.0	0.0	0.0	8.0
26	15.7	28.3	21.2	72.2	17.539	15.2	0.0	0.0	0.0	7.0
27	14.6	28.3	19.6	75.7	16.742	14.6	13.8	0.0	13.8	7.1
28	14.5	29.0	22.4	64.9	16.304	14.2	0.0	0.0	0.0	8.4
29	16.0	28.5	21.3	69.5	16.589	14.4	0.0	1.5	1.5	6.4
30	17.0	29.0	21.9	71.6	17.997	15.7	0.0	0.0	0.0	7.0
PROM.	15.0	26.9	20.7	72.5	16.988	14.7	36.3	40.5	76.8	169.9

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	26.5	21.1	77.7	18.958	16.6	0.0	0.0	0.0	1.7
2	18.0	27.0	22.1	72.5	18.637	16.3	0.0	1.1	1.1	3.7
3	16.5	25.0	20.0	78.5	18.145	15.9	0.5	0.0	0.5	0.2
4	16.0	26.0	18.3	82.3	17.148	15.0	0.2	3.5	3.7	2.7
5	14.5	28.0	22.0	67.2	16.643	14.5	0.0	0.0	0.0	0.0
6	15.5	29.0	21.5	70.8	16.817	14.7	0.8	0.2	1.0	6.2
7	17.5	28.5	21.0	74.2	17.656	15.3	21.2	22.6	43.8	4.9
8	16.5	24.5	19.9	83.7	19.382	17.0	0.9	0.0	0.9	7.6
9	15.6	25.5	20.3	80.0	18.608	16.3	0.9	10.0	10.9	2.1
10	16.0	23.5	20.2	82.7	19.564	17.1	0.7	0.8	1.5	0.9
11	15.5	25.0	20.1	77.7	17.872	15.7	0.1	0.0	0.1	3.4
12	16.3	27.0	19.7	78.9	17.665	15.4	1.3	0.0	1.3	2.4
13	14.5	27.5	20.2	73.9	16.801	14.7	1.6	0.1	1.7	5.4
14	15.6	28.5	21.3	69.5	16.564	14.4	0.0	0.4	0.4	6.6
15	15.5	26.5	20.0	76.2	17.489	15.2	2.5	0.0	2.5	1.9
16	15.5	28.5	20.8	73.4	17.214	15.1	0.0	0.0	0.0	5.7
17	16.0	27.5	21.7	72.4	17.879	15.7	0.0	0.0	0.0	3.8
18	16.0	27.0	20.3	77.5	18.403	16.2	13.7	1.9	15.6	2.7
19	16.0	27.5	21.8	71.4	18.019	15.6	0.0	0.1	0.1	7.6
20	17.0	29.0	22.8	63.7	16.375	14.1	0.0	0.0	0.0	9.1
21	16.5	28.5	21.2	75.6	18.459	15.9	2.3	0.0	2.3	5.4
22	17.4	24.5	19.8	79.4	18.380	16.1	12.0	2.4	14.4	0.4
23	14.5	25.5	19.5	81.3	17.566	15.6	0.5	32.2	32.7	1.4
24	16.5	24.0	19.9	83.6	19.154	16.8	0.0	0.0	0.0	0.5
25	16.0	26.3	19.8	71.4	15.863	13.6	0.0	0.0	0.0	4.5
26	15.5	27.5	20.1	80.9	18.758	16.3	8.2	2.7	10.9	0.8
27	16.0	25.5	19.6	78.5	17.619	15.4	0.6	4.2	4.8	1.7
28	17.5	24.0	20.0	85.2	19.629	17.1	16.1	17.1	33.2	7.2
29	16.0	27.0	20.4	75.5	17.539	15.1	11.3	2.9	14.2	0.4
30	15.0	22.5	19.6	82.9	18.441	16.1	6.8	0.0	6.8	2.3
31	14.0	25.5	18.5	78.7	16.335	14.1	68.4	6.6	75.0	1.1
PROM.	16.0	26.4	20.4	76.7	17.871	15.6	170.6	108.8	279.4	104.3

ESTACION: ARTURO GOMEZ
 ALTITUD: 1.320

MUNICIPIO: ALCALA
 LATITUD: 4-40 N.

AÑO: 1.961
 LONGITUD: 75-48 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.6	20.0	16.7	87.9	16.723	14.7	0.3	0.0	0.3	0.0
2	12.5	27.0	20.8	70.5	16.497	14.1	0.0	0.0	0.0	7.3
3	17.0	28.8	22.4	66.4	17.551	15.4	0.0	2.5	2.5	1.7
4	18.0	25.5	21.1	82.6	20.598	17.9	0.0	8.9	8.9	2.0
5	16.7	26.5	21.0	70.9	16.872	14.6	0.0	0.0	0.0	5.4
6	17.0	28.5	22.1	74.4	19.069	16.5	0.0	0.4	0.4	6.0
7	18.0	27.5	20.8	75.8	18.456	16.1	0.0	14.7	14.7	3.8
8	16.5	25.5	20.6	75.3	17.735	15.4	0.0	26.1	26.1	3.2
9	15.4	27.0	20.8	72.2	17.092	14.7	0.1	1.3	1.4	4.9
10	17.0	26.0	20.8	77.6	18.839	16.4	1.6	0.1	1.7	4.8
11	16.5	28.3	21.0	72.1	17.654	15.3	0.0	4.5	4.5	5.7
12	17.5	27.5	20.7	74.2	17.639	15.4	2.4	0.3	2.7	7.0
13	17.5	26.5	20.7	77.3	18.317	15.9	0.1	1.7	1.8	0.7
14	17.4	23.5	20.0	93.9	22.231	19.2	0.0	0.0	0.0	3.2
15	16.5	27.0	21.6	72.2	17.988	15.7	0.0	0.0	0.0	0.9
16	16.6	25.0	19.6	86.6	19.818	17.3	2.4	1.2	3.6	1.4
17	16.6	27.5	22.1	72.5	18.516	16.1	0.0	0.0	0.0	8.0
18	17.5	27.5	20.8	79.9	19.439	17.0	11.0	1.0	12.0	4.3
19	17.0	28.0	21.6	76.3	18.915	16.5	0.3	8.0	8.3	5.5
20	16.5	27.0	21.0	74.9	18.118	15.9	0.5	4.9	5.4	5.0
21	15.5	25.5	20.1	75.6	17.305	15.2	0.0	0.0	0.0	3.4
22	15.4	27.0	20.6	79.1	18.623	16.2	0.0	0.0	0.0	3.4
23	16.5	28.5	20.9	71.4	17.129	14.8	8.6	3.6	12.2	5.5
24	17.0	27.0	21.4	79.1	19.443	17.0	0.0	38.1	38.1	3.3
25	16.5	24.5	19.2	86.7	19.235	16.9	1.2	0.0	1.2	0.3
26	14.5	28.5	21.9	75.7	18.994	16.3	0.0	9.0	9.0	7.9
27	18.0	24.5	20.6	78.8	18.799	16.5	0.0	0.5	0.5	1.5
28	15.5	27.5	20.1	78.3	17.791	15.5	29.5	21.2	50.7	5.5
29	15.6	24.6	19.4	80.5	17.845	15.7	6.2	15.0	21.2	3.8
30	16.0	26.5	21.1	81.0	19.871	17.3	0.3	1.0	1.3	3.4
PROM.	16.4	26.5	20.7	77.3	18.437	16.1	64.5	164.0	228.5	118.8

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	18.0	26.5	21.3	80.3	20.096	17.5	9.8	0.0	9.8	3.6
2	17.5	27.5	20.8	76.1	18.506	16.2	0.0	0.0	0.0	3.7
3	16.5	27.5	21.8	74.2	18.602	16.1	0.0	0.0	0.0	6.1
4	17.5	27.5	22.4	69.7	18.413	16.1	1.9	15.7	17.6	3.3
5	17.5	27.5	21.4	73.8	18.447	15.9	0.0	11.0	11.0	5.5
6	17.0	24.5	20.9	75.5	18.210	15.9	1.1	0.0	1.1	1.0
7	17.0	27.5	21.1	74.4	18.028	15.8	0.1	0.0	0.1	4.3
8	18.0	27.8	22.2	74.5	19.173	16.8	0.0	0.0	0.0	5.3
9	17.0	26.5	22.5	71.9	19.212	16.7	0.0	2.0	2.0	5.2
10	18.0	24.5	21.1	82.7	20.542	17.9	0.0	0.0	0.0	0.0
11	18.0	25.5	20.6	82.0	19.963	17.5	0.0	0.0	0.0	0.2
12	16.0	27.5	21.2	74.7	17.910	15.6	0.0	0.0	0.0	5.4
13	16.5	27.5	21.9	75.8	19.307	16.9	0.0	0.0	0.0	2.7
14	17.0	28.5	20.6	73.5	17.294	15.0	3.3	0.0	3.3	4.2
15	16.3	27.0	21.9	72.5	18.350	16.1	0.0	0.0	0.0	7.3
16	17.4	28.5	22.4	72.5	18.889	16.4	0.0	0.0	0.0	2.5
17	17.0	28.0	21.5	70.3	17.570	15.3	0.0	0.2	0.2	6.0
18	17.0	28.0	21.4	69.3	17.027	14.8	0.0	0.0	0.0	5.0
19	16.5	28.0	21.3	73.0	17.670	15.2	0.0	11.6	11.6	3.1
20	16.5	27.0	21.7	82.2	21.057	18.2	0.0	3.3	3.3	2.2
21	18.0	23.0	20.5	81.0	19.165	16.4	7.3	4.8	12.1	0.5
22	17.0	26.0	20.7	78.7	18.647	16.2	2.8	0.0	2.8	3.2
23	15.0	27.0	20.6	75.8	17.554	15.3	0.0	0.0	0.0	4.7
24	16.6	29.0	22.8	76.0	20.000	17.2	0.0	0.0	0.0	6.2
25	16.5	28.0	21.8	71.9	18.405	16.1	0.0	0.0	0.0	5.1
26	16.4	28.3	22.3	67.4	17.164	15.0	0.0	0.0	0.0	3.8
27	16.5	27.0	22.6	71.0	18.314	16.1	0.0	0.0	0.0	3.1
28	16.4	28.5	22.3	67.7	17.257	15.0	0.0	0.0	0.0	7.3
29	17.3	20.5	18.6	95.3	20.334	17.8	0.7	0.0	0.7	0.0
30	13.5	27.0	21.2	68.1	15.946	13.8	0.0	34.2	34.2	5.7
31	16.0	27.0	21.2	72.8	17.555	15.3	0.0	0.0	0.0	5.3
PROM.	16.8	26.9	21.4	75.0	18.536	16.1	27.0	82.8	109.8	121.5

ESTACION: ARTURO GOMEZ

MUNICIPIO ALCALA

AÑO: 1-981

ALTITUD: 1.320

LATITUD: 4-40 N.

LONGITUD: 75-48 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocoío °C	PRECIPITACION		Brillo solar horas	
	MIN. MED.	MAX. MED.	MED. MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias		
ENERO	15.8	28.4	22.2	13.8	31.0	64.5	16.147	13.9	29.8	6	197.3	
FEBRERO	15.4	27.4	21.0	13.5	31.0	73.9	17.731	15.4	68.9	15	147.1	
MARZO	16.2	27.5	21.5	13.4	31.0	73.1	18.017	15.7	141.1	21	152.2	
ABRIL	16.3	26.8	21.0	13.9	29.9	77.3	18.845	16.4	209.2	22	118.6	
MAYO	16.4	26.7	21.0	14.2	30.0	77.2	18.812	16.4	314.2	25	129.8	
JUNIO	16.7	26.7	21.0	14.5	29.5	78.4	19.134	16.7	189.1	19	138.3	
JULIO	15.6	27.0	21.0	13.4	29.5	74.2	17.882	15.6	104.9	17	202.3	
AGOSTO	15.6	27.2	21.2	13.5	30.0	71.7	17.308	15.0	148.7	16	170.3	
SEPTIEMBRE	15.0	26.9	20.7	13.0	30.0	72.5	16.988	14.7	76.8	10	169.9	
OCTUBRE	16.0	26.4	20.4	14.0	29.0	76.7	17.871	15.6	279.4	24	104.3	
NOVIEMBRE	16.4	26.5	20.7	12.5	28.8	77.3	18.437	16.1	228.5	23	118.8	
DICIEMBRE	16.8	26.9	21.4	13.5	29.0	75.0	18.536	16.1	109.8	14	121.5	
PROMEDIO	16.0	27.0	21.1	13.6	29.9	74.3	17.976	15.6				
TOTAL										1900.4	212	1770.4

ESTACION: HERACLIO URIBE
 ALTITUD: 1.540

MUNICIPIO: SEVILLA
 LATITUD: 4-16 N.

AÑO: 1.981
 LONGITUD: 75-55 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.4	24.0	18.5	79.1	16.685	14.7	0.0	0.0	0.0	2.7
2	16.5	23.3	19.3	82.3	18.391	16.2	0.0	0.0	0.0	3.3
3	15.0	25.0	19.3	85.1	18.753	16.5	0.0	0.0	0.0	6.4
4	14.7	25.0	19.4	76.6	17.069	15.0	0.0	0.0	0.0	6.3
5	14.5	24.3	18.7	76.9	16.667	14.6	0.0	0.0	0.0	3.6
6	15.0	22.5	18.4	83.2	17.510	15.4	0.0	0.0	0.0	2.4
7	14.5	23.0	18.1	92.4	19.258	16.9	3.0	0.0	3.0	1.8
8	14.5	23.0	18.5	85.6	18.229	16.0	0.0	0.0	0.0	1.0
9	14.5	23.5	18.3	84.0	17.589	15.5	0.0	0.0	0.0	3.6
10	14.5	24.0	18.6	83.7	17.810	15.7	0.0	0.0	0.0	2.8
11	15.0	22.0	18.2	86.7	18.086	15.9	0.0	0.0	0.0	0.1
12	14.6	25.4	18.2	79.6	16.610	14.6	0.5	13.6	14.1	5.3
13	15.0	25.0	18.7	86.6	18.736	16.5	2.3	0.0	2.3	4.6
14	14.5	24.5	19.3	73.6	16.082	14.0	0.0	0.0	0.0	5.2
15	13.5	24.5	18.3	83.7	17.365	15.3	0.0	0.0	0.0	5.0
16	13.5	23.5	18.2	82.5	17.271	15.2	0.0	0.0	0.0	5.7
17	14.0	24.4	18.9	84.4	18.387	16.2	0.0	0.0	0.0	4.6
18	14.0	25.5	18.2	80.1	16.781	14.7	1.9	0.2	2.1	5.5
19	14.5	25.0	19.1	78.9	17.426	15.3	0.0	0.0	0.0	4.9
20	14.0	26.0	19.0	77.3	16.695	14.6	0.0	0.0	0.0	7.2
21	14.4	26.0	18.9	75.8	16.370	14.3	0.0	0.0	0.0	7.3
22	15.0	24.5	18.2	78.3	16.430	14.4	0.0	0.2	0.2	5.0
23	14.5	24.1	18.8	76.3	16.337	14.3	0.0	0.0	0.0	6.4
24	13.5	24.0	18.4	80.9	17.113	15.0	0.0	0.0	0.0	6.0
25	13.0	24.5	19.2	77.3	16.941	14.9	0.0	0.0	0.0	6.9
26	13.0	23.3	18.4	73.1	15.242	13.2	0.0	0.0	0.0	5.0
27	12.8	24.4	18.5	76.9	15.669	13.9	0.0	0.0	0.0	6.4
28	14.3	26.5	20.3	71.6	16.640	14.6	0.0	0.2	0.2	6.2
29	14.5	23.0	19.1	78.7	16.900	14.9	0.0	0.0	0.0	3.1
30	14.0	24.3	19.0	78.9	17.020	15.0	0.0	0.0	0.0	2.9
31	15.0	24.0	18.7	85.6	18.539	16.3	0.4	2.6	3.0	3.1
PROM.	14.3	24.3	18.7	80.5	17.252	15.1	8.1	16.8	24.9	140.3

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	15.4	22.5	18.3	92.7	19.558	17.1	1.9	0.0	1.9	4.3
2	14.5	25.5	18.8	82.8	17.791	15.6	2.5	0.0	2.5	6.7
3	14.5	23.0	17.7	88.2	18.107	15.9	8.9	10.1	19.0	2.3
4	13.5	23.0	17.8	85.2	17.417	15.3	0.0	0.5	0.5	3.6
5	14.5	23.5	18.1	80.6	16.658	14.6	1.4	0.7	2.1	2.0
6	14.0	23.0	19.0	84.6	18.063	15.9	0.0	0.0	0.0	3.8
7	13.5	24.0	18.2	84.8	17.610	15.5	7.7	0.0	7.7	4.5
8	14.4	24.5	20.1	74.7	16.852	14.8	0.2	0.0	0.2	1.2
9	14.0	24.0	17.5	86.8	17.516	15.4	4.4	2.6	7.0	1.7
10	14.5	25.0	19.4	79.3	17.535	15.4	0.0	0.0	0.0	6.3
11	14.8	25.5	20.4	73.1	17.119	15.1	0.0	20.7	20.7	4.0
12	14.0	20.0	17.5	85.5	16.815	14.8	0.0	0.0	0.0	0.8
13	14.0	24.0	19.4	79.0	17.337	15.3	0.0	4.1	4.1	3.2
14	15.0	22.3	18.6	86.0	18.147	15.9	1.3	0.0	1.3	1.5
15	15.0	24.0	19.6	80.2	17.813	15.7	0.0	0.0	0.0	4.2
16	14.5	26.0	18.5	82.4	17.768	15.6	2.0	31.3	33.3	2.4
17	13.5	23.0	19.1	76.7	16.735	14.7	0.0	0.0	0.0	2.0
18	15.0	24.0	19.2	83.9	18.398	16.2	0.3	1.0	1.3	4.8
19	15.0	24.0	18.5	83.0	17.886	15.7	2.5	2.9	5.4	2.3
20	13.5	22.5	17.9	78.1	15.774	13.8	0.0	0.0	0.0	4.6
21	14.0	24.0	19.1	78.7	16.838	14.8	0.0	0.0	0.0	4.7
22	15.3	25.5	19.5	83.3	18.525	16.3	0.4	23.5	23.9	4.5
23	14.5	21.0	16.5	90.9	17.555	15.4	19.7	1.9	21.6	2.1
24	14.0	22.3	17.8	83.9	16.924	14.9	0.0	0.0	0.0	1.9
25	14.5	22.4	17.9	83.0	16.948	14.9	0.0	0.0	0.0	1.9
26	14.5	25.3	20.0	79.9	18.174	16.0	0.0	0.0	0.0	7.7
27	14.5	26.0	21.0	80.2	19.563	17.2	0.0	0.0	0.0	4.3
28	14.5	27.0	20.3	81.1	19.108	16.6	0.0	0.0	0.0	2.4
PROM.	14.4	23.8	18.8	82.5	17.662	15.5	53.2	99.3	152.5	95.7

ESTACION: HERACLIO URIBE
 ALTITUD: 1.540

MUNICIPIO: SEVILLA
 LATITUD: 4-16 N.

AÑO: 1.921
 LONGITUD: 75-55 e.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	28.0	22.5	66.2	17.015	14.9	0.0	0.0	0.0	7.8
2	15.5	26.5	19.4	82.0	18.893	16.6	3.2	14.6	17.8	5.0
3	14.1	25.0	21.2	75.4	18.725	16.4	0.0	0.0	0.0	6.2
4	15.0	25.3	21.1	78.0	19.215	16.8	0.0	0.0	0.0	4.9
5	15.5	25.0	19.5	83.2	18.862	16.6	6.0	112.8	118.8	4.3
6	14.5	21.0	18.1	87.2	17.964	15.8	3.3	0.0	3.3	0.8
7	14.5	25.0	18.6	86.2	18.576	16.3	3.9	0.0	3.9	1.8
8	15.5	22.0	18.0	93.6	19.270	16.9	19.3	3.5	22.8	0.3
9	15.5	22.3	18.0	86.3	17.726	15.6	0.1	44.8	44.9	1.3
10	14.8	22.0	17.8	86.8	17.743	15.6	23.1	0.2	23.3	0.5
11	14.8	22.6	18.2	86.7	18.088	15.9	0.0	0.0	0.0	1.5
12	14.6	23.3	18.9	87.4	18.937	16.6	6.1	0.0	6.1	2.3
13	14.4	23.5	18.5	86.0	18.274	16.1	0.0	0.3	0.3	1.3
14	14.5	22.9	18.2	87.4	18.196	16.0	3.2	20.2	23.4	0.4
15	13.5	22.6	18.6	87.9	18.731	16.5	0.0	0.0	0.0	3.2
16	14.5	25.5	19.5	76.1	16.820	14.7	0.0	0.0	0.0	5.5
17	14.5	24.0	18.2	92.6	19.538	17.1	10.8	2.2	13.0	2.4
18	14.5	24.5	18.8	83.1	18.012	15.9	0.0	0.0	0.0	2.3
19	14.5	24.5	19.0	86.4	18.829	16.6	0.0	0.0	0.0	3.8
20	14.8	24.0	18.3	79.6	16.862	14.8	0.0	9.0	9.0	3.3
21	14.0	23.4	18.3	84.0	18.129	15.9	0.0	7.2	7.2	3.9
22	14.5	22.0	18.6	80.4	17.284	15.2	0.0	0.0	0.0	3.0
23	14.3	23.3	17.9	82.0	16.778	14.8	0.0	0.0	0.0	5.2
24	15.0	23.3	18.6	80.5	17.131	15.1	0.0	0.0	0.0	2.5
25	14.0	25.0	19.3	80.7	17.753	15.6	0.0	0.0	0.0	4.5
26	14.5	23.0	18.9	83.8	18.208	16.0	0.9	0.0	0.9	2.3
27	14.5	25.4	19.6	80.8	18.030	15.9	0.0	0.0	0.0	6.6
28	14.5	24.3	19.9	80.7	18.331	16.1	0.0	10.9	10.9	5.3
29	13.6	23.5	19.4	85.4	19.108	16.8	5.5	0.9	6.4	3.8
30	14.0	24.5	17.9	84.8	17.474	15.4	18.9	0.0	18.9	4.7
31	14.5	25.0	20.2	80.3	18.711	16.5	0.0	0.0	0.0	6.0
PROM.	14.6	23.9	19.0	83.3	18.168	16.0	104.3	226.6	330.9	106.7

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	24.0	20.2	80.3	18.520	16.3	0.0	0.0	0.0	4.0
2	15.6	25.0	20.1	82.7	19.359	17.0	0.0	0.0	0.0	4.3
3	15.6	24.2	19.8	81.2	18.652	16.4	0.0	0.0	0.0	1.8
4	15.0	25.0	19.4	88.1	19.821	17.3	0.0	3.2	3.2	3.3
5	16.0	20.0	17.5	93.7	18.971	16.6	10.3	1.7	12.0	0.0
6	13.0	24.5	19.2	79.1	16.917	14.7	0.0	0.0	0.0	6.0
7	15.5	23.0	19.3	87.3	19.486	17.1	1.7	1.7	3.4	0.6
8	16.5	24.0	19.0	86.8	19.224	16.9	20.6	1.4	22.0	1.9
9	16.0	23.0	18.9	86.6	18.889	16.6	0.6	0.0	0.6	1.9
10	16.0	26.0	20.6	80.8	19.490	17.1	0.0	0.0	0.0	5.1
11	17.4	25.3	20.9	84.5	20.761	18.1	0.0	0.0	0.0	3.1
12	16.5	20.6	17.2	93.6	18.577	16.3	23.9	0.0	23.9	0.4
13	14.3	25.5	19.2	82.4	18.128	15.9	4.7	0.6	5.3	4.8
14	16.3	25.0	18.3	86.0	18.428	16.2	0.4	0.0	0.4	3.3
15	14.8	24.5	19.7	82.0	18.453	16.2	0.0	0.0	0.0	3.9
16	15.3	23.0	18.8	86.3	18.658	16.4	10.6	0.0	10.6	1.0
17	16.1	24.4	18.7	79.6	17.569	15.4	14.9	1.7	16.6	5.2
18	15.4	25.0	19.7	83.8	18.911	16.6	8.7	39.0	47.7	3.0
19	14.8	18.5	16.0	96.2	17.932	15.7	8.6	0.0	8.6	0.0
20	14.5	23.3	18.5	87.2	18.518	16.2	0.0	0.0	0.0	3.0
21	15.3	26.0	19.9	82.2	18.895	16.6	0.0	4.7	4.7	7.5
22	15.8	23.5	19.5	84.6	18.906	16.6	21.4	5.9	27.3	1.0
23	14.5	26.0	20.2	78.6	18.391	16.2	0.0	46.2	46.2	5.9
24	15.5	23.3	18.6	87.2	18.756	16.5	7.9	0.0	7.9	1.3
25	16.6	25.5	20.7	83.4	20.216	17.7	0.0	0.0	0.0	6.2
26	17.5	25.0	19.5	87.8	20.286	17.7	4.2	1.7	5.9	1.7
27	14.5	19.9	16.8	93.9	18.210	16.0	41.6	3.7	45.3	0.0
28	15.0	23.5	19.0	86.2	18.614	16.3	0.9	0.4	1.3	0.9
29	16.5	24.0	19.7	84.8	19.352	17.0	11.5	0.0	11.5	2.8
30	15.5	23.0	18.8	85.5	18.723	16.4	1.0	10.9	11.9	1.9
PROM.	15.5	23.8	19.1	85.4	18.854	16.5	193.5	133.0	326.5	85.8

ESTACION: HERACLIO URIBE
 ALTITUD: 1.540

MUNICIPIO: SEVILLA
 LATITUD: 4-16 N.

AÑO: 1.961
 LONGITUD: 75-55 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	22.0	18.3	89.8	19.171	16.8	2.1	0.0	2.1	0.6
2	15.5	25.3	19.4	78.1	17.505	15.4	0.5	27.4	27.9	4.5
3	15.5	23.0	19.0	82.5	17.989	15.8	0.0	4.6	4.6	3.3
4	16.5	22.0	18.7	91.0	19.849	17.4	5.8	0.0	5.8	0.1
5	14.5	22.0	18.0	92.8	19.376	16.9	7.7	10.3	18.0	1.3
6	14.5	21.5	18.1	90.9	18.655	16.4	0.7	0.0	0.7	1.5
7	16.0	24.0	18.7	86.3	18.800	16.5	0.0	12.7	12.7	3.3
8	14.0	18.0	15.1	93.3	16.058	14.1	0.0	0.0	0.0	0.0
9	14.0	24.0	18.9	77.1	16.511	14.5	0.0	0.0	0.0	3.7
10	15.0	26.0	18.5	83.6	18.011	15.9	8.7	5.2	13.9	6.4
11	14.8	23.5	18.2	89.1	18.462	16.2	1.7	0.0	1.7	2.5
12	14.5	23.3	18.8	83.2	17.939	15.8	3.7	0.0	3.7	3.5
13	15.5	26.0	20.3	84.1	19.877	17.4	0.0	63.3	63.3	3.9
14	15.5	22.0	18.6	87.1	18.443	16.2	3.7	0.0	3.7	0.7
15	14.5	23.3	19.3	83.8	18.592	16.3	0.9	3.5	4.4	3.2
16	15.5	21.0	17.7	93.8	19.261	16.8	11.7	0.0	11.7	0.0
17	15.5	23.0	18.9	84.4	18.629	16.3	0.0	0.0	0.0	3.9
18	15.3	22.0	18.7	88.4	19.036	16.7	0.3	0.0	0.3	0.7
19	14.8	23.5	19.9	86.2	19.748	17.3	0.2	0.0	0.2	5.2
20	15.9	27.0	21.6	81.2	20.940	18.2	0.0	0.0	0.0	7.4
21	17.5	25.5	21.0	85.6	21.354	18.5	0.6	0.0	0.6	2.5
22	17.5	27.0	20.2	85.6	20.608	18.0	18.5	7.7	26.2	7.2
23	17.5	24.0	19.4	88.3	20.095	17.6	1.7	1.9	3.6	2.4
24	16.4	23.5	19.2	87.5	19.579	17.2	14.4	45.5	59.9	2.4
25	16.5	24.0	18.8	84.1	18.229	16.0	0.2	6.7	6.9	2.1
26	16.3	20.0	17.6	95.8	19.113	16.8	2.1	1.9	4.0	0.0
27	16.4	25.0	18.3	84.6	18.169	15.9	9.4	0.0	9.4	2.1
28	16.0	25.0	19.3	89.7	20.389	17.8	0.2	0.0	0.2	4.6
29	16.5	23.0	19.2	91.7	20.496	17.9	2.6	2.2	4.8	1.2
30	16.5	22.0	18.7	91.8	19.647	17.2	7.6	13.5	21.1	0.6
31	16.3	24.5	20.7	79.8	19.033	16.7	0.0	2.3	2.3	4.2
PROM.	15.7	23.5	18.9	86.8	19.018	16.7	105.0	208.9	313.9	65.2

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	25.0	19.0	86.1	19.172	16.8	38.6	3.0	41.6	2.5
2	14.5	25.0	19.4	85.7	19.248	16.9	0.0	0.0	0.0	7.2
3	16.3	26.0	20.5	80.1	18.927	16.6	0.0	0.0	0.0	5.5
4	15.6	25.0	20.4	81.9	19.296	16.9	0.0	0.0	0.0	4.1
5	16.6	26.5	21.1	79.6	19.672	17.2	0.0	0.0	0.0	6.1
6	17.1	25.0	20.7	85.4	20.617	18.0	0.0	0.4	0.4	3.9
7	17.0	22.2	19.1	86.7	18.934	16.6	3.1	0.0	3.1	0.4
8	16.6	22.5	19.0	83.5	18.344	16.1	0.5	37.8	38.3	0.4
9	15.5	22.0	18.0	92.9	19.132	16.8	0.1	23.0	23.1	0.8
10	14.8	24.0	19.3	86.0	19.040	16.7	0.0	0.0	0.0	5.2
11	15.5	22.2	18.8	89.8	19.403	17.0	0.0	1.7	1.7	1.8
12	16.5	23.0	19.0	84.5	18.626	16.4	1.5	0.0	1.5	1.7
13	15.5	23.0	19.2	83.2	18.268	16.1	0.0	1.2	1.2	1.8
14	15.5	25.0	21.1	78.2	18.744	16.5	0.0	0.0	0.0	3.9
15	14.8	25.0	18.5	87.4	19.400	17.0	16.0	0.0	16.0	2.1
16	14.5	21.5	17.6	90.4	18.342	16.1	2.9	1.2	4.1	1.3
17	14.5	25.0	19.9	80.1	18.061	15.9	0.0	0.0	0.0	7.0
18	16.1	21.0	18.4	93.1	19.355	17.0	19.1	0.0	19.1	0.0
19	14.5	24.0	19.1	85.1	18.868	16.6	0.0	1.8	1.8	7.0
20	16.3	24.0	19.3	85.7	19.034	16.7	1.1	0.0	1.1	3.0
21	16.3	24.5	19.4	88.3	20.144	17.6	8.4	0.0	8.4	4.8
22	14.8	20.0	17.5	90.9	18.312	16.1	5.8	0.0	5.8	5.9
23	13.2	22.3	17.1	85.9	16.845	14.8	4.2	0.0	4.2	2.0
24	14.0	22.0	18.7	86.4	18.353	16.1	0.0	0.0	0.0	1.6
25	14.3	23.3	18.7	82.8	17.772	15.6	0.0	0.0	0.0	3.8
26	16.1	22.3	18.6	84.7	18.119	15.9	0.0	0.0	0.0	4.0
27	14.8	22.3	17.9	83.1	16.909	14.8	0.0	0.0	0.0	6.4
28	14.2	22.5	18.8	78.4	16.645	14.6	0.0	0.7	0.7	3.3
29	13.0	23.3	18.2	84.9	17.643	15.4	6.2	4.4	10.6	0.1
30	15.0	22.0	17.2	84.4	16.543	14.5	20.6	0.0	20.6	2.2
PROM.	15.3	23.4	19.0	85.2	18.592	16.3	128.5	104.7	233.2	99.8

ESTACION: HERACLIO URIBE
 ALTUD: 1.540

MUNICIPIO: SEVILLA AÑO: 1.981
 LATITUD: 4-16 N. LONGITUD: 75-55 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	21.0	18.5	87.0	18.340	16.1	0.0	1.1	1.1	0.7
2	16.0	23.5	19.0	84.5	18.429	16.2	9.4	0.0	9.4	6.4
3	15.6	23.0	19.4	78.8	17.775	15.6	1.3	2.1	3.4	2.8
4	15.3	23.0	18.5	85.7	18.187	16.0	0.6	0.3	0.9	3.4
5	16.0	24.0	19.4	82.4	18.590	16.3	14.8	2.6	17.4	4.1
6	14.0	20.2	18.3	80.6	16.954	14.9	0.0	0.0	0.0	2.5
7	14.0	23.3	19.0	86.5	19.138	16.8	0.0	0.0	0.0	4.7
8	15.0	24.0	18.9	86.6	19.120	16.7	0.0	0.0	0.0	5.6
9	14.6	22.0	17.8	84.6	17.453	15.2	3.9	0.0	3.9	2.4
10	14.5	22.5	18.9	79.0	16.975	14.9	0.1	10.0	10.1	2.7
11	14.5	23.0	18.6	80.6	17.338	15.2	0.0	0.5	0.5	5.1
12	15.0	25.0	20.7	80.7	19.349	16.9	0.0	0.0	0.0	5.4
13	14.5	23.0	19.2	80.6	17.648	15.5	0.0	0.0	0.0	3.3
14	14.5	24.5	19.0	83.6	18.200	16.0	0.0	0.0	0.0	4.3
15	14.5	24.0	18.8	82.7	17.940	15.8	0.6	1.2	1.8	2.4
16	15.0	22.4	17.9	86.8	17.872	15.7	12.2	4.8	17.0	2.2
17	15.0	21.5	16.9	86.7	16.904	14.9	8.0	0.0	8.0	0.3
18	14.5	22.0	17.9	83.9	16.962	14.9	0.0	0.0	0.0	3.1
19	15.0	25.0	19.1	78.7	17.174	15.1	0.0	0.0	0.0	6.1
20	14.5	25.0	18.6	83.0	17.925	15.8	4.8	0.0	4.8	3.4
21	14.5	24.0	19.1	76.6	16.451	14.4	0.0	0.0	0.0	6.5
22	14.5	24.5	19.4	76.9	16.861	14.8	0.0	0.0	0.0	8.8
23	14.5	24.0	19.9	73.6	16.456	14.4	0.0	0.0	0.0	8.8
24	16.0	25.5	20.2	70.4	16.482	14.5	0.0	0.0	0.0	9.2
25	14.5	24.4	19.7	65.1	14.474	12.4	0.0	0.0	0.0	9.8
26	14.0	24.5	19.8	58.8	13.069	10.9	0.0	0.0	0.0	9.7
27	14.5	25.5	19.7	73.2	16.313	14.2	0.0	0.0	0.0	9.3
28	14.5	23.4	19.6	76.7	17.166	15.1	0.0	0.0	0.0	4.9
29	14.5	23.5	19.7	73.4	16.552	14.5	0.0	0.0	0.0	4.2
30	15.4	25.8	20.3	75.4	17.493	15.4	0.0	0.0	0.0	8.1
31	15.5	23.0	19.3	77.4	16.951	14.9	0.0	0.0	0.0	4.3
PROM.	14.8	23.5	19.1	79.4	17.308	15.2	55.7	22.6	78.3	154.5

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	15.5	25.0	21.0	69.3	16.298	14.2	0.0	0.0	0.0	7.2
2	14.8	22.5	19.9	76.7	17.451	15.3	0.0	0.0	0.0	2.1
3	15.5	23.5	18.4	80.5	17.014	14.9	0.3	0.0	0.3	4.6
4	14.5	24.3	19.6	74.1	17.021	15.0	0.0	0.0	0.0	7.1
5	15.4	26.0	20.6	74.0	17.207	15.1	0.0	0.0	0.0	6.2
6	16.0	25.0	18.5	78.0	16.918	14.8	29.9	0.1	30.0	5.2
7	15.8	23.5	18.7	83.7	18.120	15.9	14.8	0.3	15.1	3.9
8	15.1	23.0	19.3	81.7	17.796	15.7	0.0	0.9	0.9	4.1
9	17.0	23.8	20.1	78.4	18.161	16.0	0.0	0.0	0.0	3.1
10	16.5	25.4	20.5	77.0	18.146	16.0	0.0	0.0	0.0	7.9
11	15.8	23.8	19.4	78.7	17.539	15.4	0.0	1.9	1.9	2.6
12	15.8	22.0	18.4	85.0	18.020	15.9	0.7	1.4	2.1	1.7
13	15.5	23.0	19.1	81.8	17.796	15.7	0.0	0.0	0.0	4.3
14	15.8	23.0	19.7	75.9	17.046	14.9	0.0	0.0	0.0	3.1
15	14.8	24.2	18.0	75.7	15.959	13.8	0.0	0.0	0.0	7.6
16	16.1	23.8	19.3	78.0	17.208	15.0	18.4	5.8	24.2	5.3
17	16.0	21.0	17.7	84.4	17.303	15.2	4.4	1.5	5.9	0.9
18	14.5	22.5	18.3	85.3	17.892	15.7	0.5	0.0	0.5	5.2
19	15.0	24.3	19.5	75.1	16.444	14.6	0.0	0.0	0.0	4.4
20	15.4	25.5	19.9	75.6	17.025	15.0	0.0	0.0	0.0	7.7
21	14.5	23.0	18.2	84.0	17.560	15.4	15.0	0.3	15.3	2.4
22	14.8	22.0	18.9	83.3	17.929	15.8	0.0	9.9	9.9	0.0
23	14.8	22.0	17.1	83.9	16.165	14.2	0.0	0.0	0.0	0.0
24	14.4	25.0	18.5	78.1	16.420	14.4	9.1	1.8	10.9	0.6
25	15.4	22.5	18.5	87.6	18.437	16.4	2.5	18.3	20.8	0.6
26	15.6	23.3	19.0	80.5	17.371	15.3	0.0	0.4	0.4	3.7
27	16.5	23.3	19.4	78.4	17.402	15.3	0.0	0.0	0.0	4.5
28	16.3	25.5	20.4	75.2	17.521	15.3	0.0	0.0	0.0	8.3
29	15.0	22.0	18.5	82.9	17.667	15.5	5.3	0.3	5.6	3.8
30	14.5	22.5	18.7	73.9	15.155	13.2	0.0	0.0	0.0	7.4
31	15.3	22.5	17.7	87.4	17.711	15.6	0.6	15.9	16.5	2.6
PROM.	15.4	23.5	19.1	79.5	17.294	15.2	101.5	58.8	160.3	128.1

ESTACION: HERACLIO URIBE

MUNICIPIO: SEVILLA

AÑO: 1981

ALTITUD: 1.540

LATITUD: 4-16 N.

LONGITUD: 75-55 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	22.0	16.6	86.7	16.473	14.5	16.0	0.3	16.3	1.4
2	14.4	23.0	17.4	80.1	15.754	13.8	20.0	5.0	25.0	4.9
3	14.5	22.0	18.2	78.4	16.077	14.1	1.5	0.0	1.5	2.4
4	15.5	23.0	19.2	79.4	17.462	15.4	0.0	0.0	0.0	4.8
5	15.5	22.0	18.7	81.6	17.137	15.1	0.0	0.1	0.1	3.9
6	16.2	22.0	19.2	82.8	17.939	15.8	0.3	0.0	0.3	3.7
7	15.5	23.0	18.4	84.9	18.012	15.8	1.2	0.0	1.2	1.8
8	15.5	23.0	19.7	78.6	17.863	15.7	0.0	8.1	8.1	2.1
9	14.5	23.5	18.5	78.4	16.286	14.2	0.0	0.0	0.0	4.6
10	15.5	23.5	17.9	81.0	16.487	14.4	18.3	60.8	79.1	2.9
11	15.0	22.0	18.1	83.5	16.904	14.9	0.6	0.3	0.9	1.5
12	14.3	24.0	18.5	85.2	18.251	16.0	0.3	16.4	16.7	5.9
13	15.0	23.5	19.3	73.3	15.999	14.0	0.0	0.0	0.0	5.1
14	15.4	24.0	18.8	83.5	17.948	15.7	1.5	1.4	2.9	3.3
15	14.5	23.0	18.6	89.3	18.901	16.6	0.1	0.0	0.1	2.4
16	14.6	24.5	18.6	80.7	17.302	15.2	0.0	0.0	0.0	4.0
17	15.3	25.0	19.4	77.0	16.942	14.9	0.0	0.0	0.0	6.2
18	15.8	25.8	20.4	78.9	18.598	16.4	0.0	0.0	0.0	7.0
19	15.3	22.0	17.0	96.3	18.510	16.3	0.5	0.0	0.5	2.5
20	14.8	23.8	19.6	72.3	16.398	14.4	0.0	0.0	0.0	7.5
21	15.5	24.3	19.9	71.1	15.971	13.9	0.0	0.0	0.0	4.9
22	14.8	25.4	20.1	75.4	17.013	14.8	0.0	0.0	0.0	7.2
23	15.6	26.5	20.5	71.4	16.740	14.6	0.0	0.0	0.0	8.0
24	15.3	25.0	21.1	69.0	16.435	14.4	0.0	0.0	0.0	7.4
25	16.5	25.0	20.2	75.4	17.446	15.3	0.0	0.0	0.0	7.0
26	16.0	25.6	20.3	73.2	17.076	15.0	0.0	0.0	0.0	6.5
27	16.5	24.7	19.3	78.6	17.636	15.4	1.7	0.0	1.7	7.0
28	15.5	24.2	19.8	77.0	17.487	15.4	0.0	0.0	0.0	6.4
29	15.3	23.3	19.1	81.5	18.168	16.0	0.6	0.3	0.9	4.5
30	15.8	24.0	19.5	76.6	17.237	15.2	0.0	0.9	0.9	3.5
PROM.	15.3	23.8	19.1	79.4	17.215	15.1	62.6	93.6	166.2	140.3

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	16.3	23.0	19.3	85.1	18.831	16.5	0.0	0.0	0.0	0.5
2	15.5	24.3	18.7	79.7	17.335	15.2	2.2	1.2	3.4	5.6
3	16.5	23.0	17.9	81.4	16.855	14.8	29.1	0.0	29.1	1.2
4	14.5	23.6	17.5	78.6	15.947	14.0	0.3	0.0	0.3	4.5
5	14.5	25.0	20.0	76.8	17.578	15.4	0.0	0.0	0.0	5.0
6	17.0	26.0	20.2	73.0	17.204	15.1	0.1	0.0	0.1	5.0
7	17.3	25.3	20.0	75.5	17.341	15.2	0.3	0.0	0.3	3.1
8	15.4	21.0	18.1	82.1	17.209	15.1	0.3	0.0	0.3	0.4
9	15.8	24.0	19.3	81.7	18.115	16.0	0.1	25.9	26.0	1.5
10	15.5	22.0	17.1	90.3	17.880	15.7	12.1	18.4	30.5	1.1
11	14.8	22.0	18.0	80.2	16.597	14.6	2.9	0.0	2.9	3.7
12	15.3	23.6	17.6	81.7	16.653	14.6	3.8	0.0	3.8	2.7
13	14.5	24.5	19.1	74.8	16.353	14.3	0.0	0.0	0.0	2.6
14	14.5	24.1	18.7	81.4	17.512	15.4	0.0	3.1	3.1	5.2
15	15.5	21.0	17.6	88.4	17.881	15.7	4.1	0.0	4.1	0.8
16	14.5	23.0	18.8	81.8	17.433	15.3	0.0	0.0	0.0	1.6
17	16.0	23.3	19.9	79.4	18.147	16.0	0.0	0.0	0.0	1.6
18	17.5	23.7	19.9	87.1	20.049	17.5	4.1	5.8	9.9	1.9
19	16.5	23.0	19.3	83.2	18.450	16.2	0.0	5.6	5.6	2.8
20	14.5	24.0	19.0	76.4	16.366	14.3	0.0	0.0	0.0	5.3
21	16.0	24.0	20.4	77.0	18.210	16.0	0.0	0.5	0.5	4.3
22	14.8	23.0	18.2	80.6	16.958	14.9	4.0	0.0	4.0	0.5
23	14.5	22.0	17.9	85.4	17.321	15.2	1.5	22.1	23.6	1.0
24	14.5	21.0	17.8	83.9	16.943	14.9	0.0	0.0	0.0	0.6
25	14.5	24.0	18.6	78.7	17.193	15.1	0.8	0.0	0.8	3.8
26	14.8	23.0	17.8	86.9	17.918	15.8	8.1	0.0	8.1	1.2
27	14.5	21.0	17.4	87.7	17.325	15.2	0.8	0.1	0.9	0.3
28	13.5	22.0	17.6	88.9	17.986	15.8	7.0	46.8	53.8	0.9
29	14.5	22.0	18.3	82.0	16.990	14.9	2.6	10.8	13.4	2.7
30	14.5	21.0	17.6	87.1	17.453	15.4	1.0	0.0	1.0	0.3
31	14.5	22.3	17.9	85.8	17.590	15.5	4.5	14.0	18.5	1.4
PROM.	15.2	23.1	18.6	82.0	17.472	15.3	89.7	154.3	244.0	73.1

ESTACION: HERACLIO URIBE
 ALTITUD: 1.540

MUNICIPIO: SEVILLA
 LATITUD: 4-16 N.

AÑO: 1.961
 LONGITUD: 75-55 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	20.0	16.9	88.3	17.058	15.0	0.8	0.0	0.8	0.0
2	14.6	24.0	19.1	78.7	17.038	15.0	0.0	0.2	0.2	4.2
3	15.0	25.0	19.5	79.8	17.939	15.8	0.0	1.4	1.4	4.3
4	15.4	24.0	18.7	81.8	17.680	15.5	3.9	17.6	21.5	1.1
5	15.4	25.0	19.0	76.5	16.436	14.4	0.0	0.0	0.0	5.9
6	14.8	25.0	19.7	82.1	18.459	16.2	1.3	0.0	1.3	4.7
7	15.0	25.0	19.1	83.8	18.696	16.4	5.1	22.6	27.7	2.6
8	16.1	22.0	18.4	88.9	18.576	16.4	1.4	20.2	21.6	1.2
9	14.5	25.0	19.3	72.1	15.478	13.1	0.0	0.0	0.0	7.1
10	14.5	23.0	18.4	83.6	17.687	15.5	3.7	0.0	3.7	0.6
11	14.5	24.0	18.7	80.8	17.265	15.2	0.0	30.8	30.8	5.5
12	15.3	22.5	18.1	87.2	18.074	15.9	0.7	0.3	1.0	2.7
13	14.8	23.0	19.0	81.9	17.743	15.6	1.7	0.2	1.9	2.1
14	16.0	22.0	18.3	83.8	17.880	15.7	1.9	0.0	1.9	0.5
15	14.8	22.3	17.7	82.0	16.785	14.7	45.5	0.2	45.7	3.2
16	16.3	22.0	18.5	85.4	18.024	15.9	2.0	3.0	5.0	0.2
17	15.5	25.0	19.4	78.8	17.393	15.2	0.0	0.0	0.0	7.0
18	17.0	24.0	19.4	87.1	19.783	17.3	0.0	0.9	0.9	4.0
19	15.5	23.6	18.7	80.7	17.292	15.2	0.0	23.3	23.3	2.0
20	16.0	23.5	18.8	84.0	18.060	15.9	1.0	3.2	4.2	2.3
21	15.8	23.0	18.5	84.4	18.066	15.9	0.6	0.0	0.6	2.5
22	15.3	23.0	18.8	80.1	17.169	15.1	0.0	0.0	0.0	2.4
23	15.4	24.0	19.0	79.6	17.467	15.4	3.6	8.8	12.4	3.2
24	14.5	22.0	18.4	90.4	19.162	16.8	1.1	5.5	6.6	2.0
25	15.5	22.0	19.0	87.4	19.103	16.8	0.0	0.0	0.0	1.5
26	16.0	24.5	19.3	80.6	17.768	15.6	0.0	3.8	3.8	5.6
27	16.4	23.0	18.6	82.4	17.743	15.6	1.0	0.0	1.0	1.2
28	15.0	25.0	18.3	83.3	17.277	15.2	0.6	25.5	26.1	4.8
29	15.6	21.5	18.4	88.8	18.862	16.6	5.4	9.1	14.5	0.0
30	15.5	22.0	18.4	81.5	17.005	14.9	0.0	0.3	0.3	2.9
PROM.	15.4	23.3	18.7	82.9	17.766	15.6	81.3	176.9	258.2	87.3

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	15.8	22.3	18.1	85.3	17.849	15.7	0.0	11.4	11.4	1.7
2	15.5	23.3	19.2	80.0	17.568	15.4	0.0	0.0	0.0	4.3
3	16.0	24.0	19.3	80.6	17.836	15.7	0.0	0.0	0.0	3.3
4	16.5	26.0	19.3	84.2	18.843	16.5	1.9	3.9	5.8	5.2
5	15.5	24.0	18.9	89.1	19.590	17.2	2.0	38.9	40.9	2.1
6	14.5	20.5	17.5	95.5	19.128	16.8	0.5	0.0	0.5	0.0
7	14.5	24.0	19.1	87.6	19.464	17.1	0.0	0.0	0.0	3.6
8	15.0	23.5	18.6	85.0	18.020	15.9	0.0	0.0	0.0	3.0
9	15.5	24.0	19.2	85.3	19.188	16.8	3.7	0.0	3.7	3.3
10	15.6	21.0	18.1	89.7	18.890	16.6	13.9	0.0	13.9	0.2
11	15.1	22.0	18.2	87.4	18.178	16.0	0.0	0.0	0.0	0.1
12	14.8	25.0	18.9	83.3	18.022	15.8	0.0	0.0	0.0	3.4
13	14.8	25.3	18.8	80.9	18.040	15.9	0.0	0.0	0.0	3.9
14	15.5	24.0	18.9	80.8	17.463	15.5	0.4	0.0	0.4	2.1
15	15.8	24.0	18.6	85.5	18.256	16.0	0.2	4.3	4.5	3.0
16	14.8	25.0	19.4	77.7	17.103	15.0	0.0	0.0	0.0	3.4
17	15.4	25.0	20.1	72.3	16.834	14.7	0.0	0.0	0.0	4.1
18	15.5	25.5	18.1	78.4	16.503	14.5	1.0	0.0	1.0	5.6
19	14.5	24.5	18.1	78.6	16.309	14.3	0.0	0.0	0.0	3.8
20	15.5	23.0	17.9	87.7	18.079	15.9	0.5	15.5	16.0	1.5
21	15.5	22.0	17.4	93.6	18.933	16.6	2.0	21.4	23.4	0.7
22	15.0	23.3	18.2	78.3	16.115	14.0	0.0	0.0	0.0	2.6
23	15.4	23.5	18.9	80.3	17.847	15.7	0.0	0.0	0.0	2.4
24	16.4	25.5	20.4	79.0	18.645	16.4	0.0	0.0	0.0	5.4
25	16.3	25.5	20.5	77.2	18.339	16.1	0.2	0.3	0.5	2.9
26	15.8	23.3	20.3	80.0	18.720	16.4	0.0	0.0	0.0	2.1
27	15.2	24.2	19.3	81.4	18.095	15.9	5.3	0.0	5.3	0.8
28	15.5	25.0	18.5	84.3	18.075	15.9	0.0	0.0	0.0	4.5
29	15.5	18.0	16.5	95.7	18.238	16.0	3.4	0.1	3.5	0.0
30	13.4	23.5	17.7	79.3	15.934	14.0	0.0	25.0	25.0	3.2
31	13.4	22.5	18.4	84.2	17.562	15.5	0.4	0.0	0.4	4.0
PROM.	15.3	23.6	18.7	83.5	17.996	15.8	35.4	120.8	156.2	86.4

ESTACION: HERACLIO URIBE

MUNICIPIO SEVILLA

AÑO: 1.981

ALTITUD: 1.540

LATITUD: 4-16 N.

LONGITUD: 75-55 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días Hluvias	
ENERO	14.3	24.3	18.7	12.8	26.5	80.5	17.252	15.1	24.9	7	140.3
FEBRERO	14.4	23.8	18.8	13.5	27.0	82.5	17.662	15.5	152.5	16	95.7
MARZO	14.6	23.9	19.0	13.5	28.0	83.3	18.168	16.0	330.9	17	106.7
ABRIL	15.5	23.8	19.1	13.0	26.0	85.4	18.854	16.5	326.5	22	85.8
MAYO	15.7	23.5	18.9	14.0	27.0	86.8	19.018	16.7	313.9	27	85.2
JUNIO	15.3	23.4	19.0	13.0	26.5	85.2	18.592	16.3	233.2	19	99.8
JULIO	14.8	23.5	19.1	14.0	25.8	79.4	17.308	15.2	78.3	12	154.5
AGOSTO	15.4	23.5	19.1	14.4	26.0	79.5	17.294	15.2	160.3	16	128.1
SEPTIEMBRE	15.3	23.8	19.1	14.0	26.5	79.4	17.215	15.1	156.2	16	140.3
OCTUBRE	15.2	23.1	18.6	13.5	26.0	82.0	17.472	15.3	244.0	24	73.1
NOVIEMBRE	15.4	23.3	18.7	14.5	25.0	82.9	17.766	15.6	258.2	25	87.3
DICIEMBRE	15.3	23.6	18.7	13.4	26.0	83.5	17.996	15.8	156.2	16	86.4
PROMEDIO	15.1	23.6	18.9	13.6	26.4	82.5	17.883	15.7			
TOTAL									2435.1	217	1283.2

ESTACION: MANUEL MALLARINO

MUNICIPIO: TRUJILLO

AÑO: 1.961

ALTITUD: 1.380

LATITUD: 4-10 N.

LONGITUD: 76-21 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.2	27.5	22.2	74.0	19.497	17.1	0.0	0.0	0.0	4.3
2	18.2	27.6	22.6	74.4	19.835	17.3	0.0	0.0	0.0	5.2
3	18.6	28.5	23.4	75.3	21.053	18.3	0.0	0.0	0.0	7.7
4	18.0	28.8	23.7	75.7	21.605	18.7	0.0	0.0	0.0	7.7
5	17.4	28.4	22.4	74.4	19.796	17.1	0.0	0.0	0.0	4.6
6	17.4	26.0	22.4	78.0	20.683	18.0	0.0	0.0	0.0	5.1
7	17.4	26.5	22.3	76.6	20.311	17.7	0.0	0.0	0.0	3.8
8	17.2	26.0	21.7	81.9	21.001	18.3	0.0	0.0	0.0	3.7
9	18.2	27.8	22.4	77.2	20.471	17.8	0.0	0.0	0.0	5.8
10	17.6	28.8	23.1	75.4	20.671	18.0	0.0	0.0	0.0	6.9
11	18.0	25.0	22.5	77.3	20.855	18.2	0.0	0.0	0.0	0.0
12	17.6	26.0	22.4	73.8	19.429	17.0	0.0	0.0	0.0	6.1
13	17.2	28.8	22.9	74.4	20.461	17.8	0.0	0.0	0.0	6.9
14	17.0	28.5	22.4	72.3	18.956	16.6	0.0	0.0	0.0	9.1
15	16.8	28.5	22.6	75.7	20.266	17.7	0.0	0.0	0.0	7.7
16	17.4	26.8	22.2	74.3	19.517	17.1	0.0	0.0	0.0	7.0
17	18.0	29.3	22.6	76.8	20.666	18.0	0.0	0.0	0.0	6.5
18	17.8	28.8	23.3	73.4	20.677	18.0	0.0	0.0	0.0	5.5
19	17.8	28.8	22.9	74.7	20.076	17.5	0.0	0.0	0.0	8.4
20	17.2	28.8	22.6	75.8	20.379	17.8	0.0	0.0	0.0	7.8
21	18.5	28.8	22.6	72.0	19.262	16.9	0.0	0.0	0.0	7.5
22	18.8	28.8	22.2	73.3	19.195	16.8	0.0	0.0	0.0	5.8
23	17.0	27.9	22.7	75.3	19.861	17.2	0.0	0.0	0.0	6.6
24	17.2	27.9	22.6	68.8	18.482	16.2	0.0	0.0	0.0	7.3
25	18.0	27.5	23.0	65.2	18.199	16.0	0.0	0.0	0.0	7.6
26	17.4	29.5	22.6	69.7	18.367	16.1	0.0	0.0	0.0	8.5
27	17.2	29.4	23.5	69.1	19.164	16.8	0.0	0.0	0.0	8.7
28	18.2	29.5	23.2	70.8	19.572	17.1	0.0	0.0	0.0	6.3
29	17.2	29.0	21.9	80.3	20.579	17.8	3.2	0.0	3.2	5.0
30	18.8	29.0	23.0	73.4	20.066	17.5	0.0	0.0	0.0	6.8
31	18.2	27.9	22.7	77.5	21.046	18.3	0.0	0.0	0.0	3.6
PROM.	17.7	28.1	22.7	74.4	20.000	17.4	3.2	0.0	3.2	193.5

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	18.8	25.3	21.2	81.9	20.291	17.7	0.0	0.0	0.0	1.0
2	17.8	27.0	22.2	73.5	18.968	16.6	0.0	0.0	0.0	5.8
3	17.8	27.4	21.7	72.5	18.568	16.2	9.6	3.5	13.1	3.9
4	17.8	26.8	21.8	80.5	20.752	18.0	2.1	0.0	2.1	3.4
5	18.6	28.8	22.0	79.7	20.641	17.8	1.3	0.0	1.3	1.4
6	19.3	28.8	23.7	73.0	20.784	18.0	0.0	0.0	0.0	4.6
7	18.2	27.7	23.0	76.0	20.738	18.0	0.0	0.0	0.0	4.1
8	18.8	27.6	22.8	74.0	20.183	17.6	0.2	0.0	0.2	4.2
9	18.2	28.5	22.2	78.8	20.552	17.8	0.8	0.0	0.8	5.2
10	17.6	29.3	23.1	72.6	19.697	17.2	0.0	0.0	0.0	7.3
11	19.0	29.5	23.9	70.3	20.125	17.6	0.0	3.0	3.0	7.5
12	18.4	23.5	20.8	91.0	22.059	19.1	0.0	0.0	0.0	1.7
13	18.6	27.5	22.5	70.1	18.553	16.3	0.0	0.0	0.0	5.0
14	19.8	26.8	22.7	76.0	20.585	17.9	0.0	1.5	1.5	2.9
15	19.6	29.3	23.0	75.8	20.684	17.9	0.0	0.0	0.0	5.9
16	18.6	29.4	22.8	72.6	19.593	17.1	0.0	0.0	0.0	5.2
17	18.4	27.3	22.8	75.7	20.598	18.0	0.0	0.0	0.0	3.5
18	18.8	28.2	23.4	71.4	19.889	17.4	0.0	1.5	1.5	4.1
19	18.2	25.0	21.0	87.1	21.582	18.7	0.4	0.0	0.4	3.0
20	18.0	27.4	21.9	78.7	20.272	17.6	5.0	0.0	5.0	5.3
21	18.4	27.9	24.2	72.5	21.341	18.5	0.0	6.6	6.6	5.2
22	18.6	28.8	23.4	73.3	20.214	17.6	0.0	5.8	5.8	5.0
23	18.4	26.0	20.4	69.8	21.483	18.6	7.2	4.8	12.0	2.0
24	18.2	27.5	23.2	79.0	22.020	19.0	0.0	0.0	0.0	6.1
25	18.8	27.3	23.5	77.2	21.624	18.7	0.0	0.0	0.0	4.5
26	19.2	30.2	24.2	71.4	20.763	18.1	0.0	0.0	0.0	8.5
27	19.3	29.0	23.4	75.7	21.189	18.4	0.0	0.0	0.0	5.2
28	19.2	28.5	23.4	75.8	21.414	18.6	0.0	0.0	0.0	7.1
PROM	18.6	27.7	22.7	76.6	20.542	17.9	26.6	26.7	53.3	129.0

ESTACION: MANUEL MALLARINO

MUNICIPIO: TRUJILLO

AÑO: 1.981

ALTITUD: 1.360

LATITUD: 4-10 N.

LONGITUD: 76-21 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.6	31.5	24.9	64.3	19.246	16.7	0.0	0.0	0.0	9.1
2	20.4	29.5	23.4	81.3	23.116	19.7	6.2	0.0	6.2	4.2
3	17.0	30.0	23.0	73.4	20.181	17.6	0.0	0.0	0.0	9.1
4	17.3	29.5	22.9	76.5	20.893	18.1	0.0	0.0	0.0	6.7
5	18.6	27.0	22.5	80.6	21.561	18.6	0.6	10.8	11.4	3.9
6	18.2	25.0	21.3	85.6	21.689	18.8	0.8	0.0	0.8	2.5
7	18.4	25.5	21.8	80.7	20.650	18.0	1.7	14.0	15.7	3.1
8	18.4	24.0	20.2	83.0	19.689	17.3	5.4	0.0	5.4	1.8
9	18.6	26.0	22.0	53.4	22.022	19.0	0.0	12.9	12.9	0.4
10	19.3	24.0	21.5	85.2	21.690	18.8	0.5	0.0	0.5	0.3
11	18.4	27.0	22.4	78.7	20.774	18.0	0.0	0.0	0.0	3.3
12	20.0	28.0	23.8	76.2	21.915	18.9	0.0	0.0	0.0	4.4
13	19.3	27.3	22.4	77.9	20.763	18.1	7.6	0.0	7.6	2.7
14	19.3	26.3	22.2	85.1	22.447	19.3	0.0	2.5	2.5	1.7
15	18.0	27.1	22.5	78.9	20.961	18.2	0.0	0.0	0.0	3.8
16	18.8	28.3	22.3	73.8	19.406	17.0	0.0	0.0	0.0	6.7
17	19.8	26.5	21.9	78.3	20.602	18.0	4.3	0.0	4.3	2.2
18	18.0	28.3	22.7	70.3	18.674	16.4	0.0	0.0	0.0	6.0
19	18.3	29.4	24.1	67.7	19.811	17.3	0.0	0.0	0.0	8.6
20	18.2	29.3	23.3	69.7	19.213	16.8	0.0	0.0	0.0	7.9
21	17.8	28.1	22.4	77.2	20.295	17.7	0.0	0.0	0.0	5.3
22	19.3	28.0	23.3	74.6	20.897	18.2	0.0	0.0	0.0	5.0
23	19.3	28.4	21.6	78.3	20.054	17.5	0.3	0.0	0.3	5.0
24	17.8	27.3	22.4	72.8	18.931	16.6	0.0	0.0	0.0	5.7
25	18.2	29.3	23.3	69.1	18.674	16.4	0.0	1.1	1.1	8.1
26	18.6	26.0	22.4	77.7	20.831	18.1	0.0	0.0	0.0	2.8
27	18.3	30.0	23.4	74.1	20.429	17.7	0.0	0.0	0.0	8.8
28	19.6	29.3	23.6	71.2	20.022	17.5	0.0	11.8	11.8	6.0
29	17.4	27.5	22.4	74.9	20.140	17.6	0.0	0.0	0.0	4.6
30	18.8	27.0	22.6	74.4	19.853	17.3	0.0	0.0	0.0	5.3
31	19.3	30.0	22.9	73.8	20.140	17.6	0.0	0.0	0.0	7.2
PROM.	18.6	27.8	22.6	76.4	20.502	17.8	27.4	53.1	80.5	154.2

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	18.6	29.5	22.9	73.2	19.924	17.4	0.0	0.0	0.0	6.1
2	18.5	28.8	22.7	76.3	20.683	18.0	0.0	0.0	0.0	3.4
3	18.8	27.5	22.6	79.6	21.582	18.7	11.0	0.0	11.0	0.4
4	18.4	29.9	23.2	73.7	20.433	17.8	0.0	13.4	13.4	4.4
5	18.9	24.5	20.2	94.9	22.328	19.3	49.1	5.5	54.6	0.2
6	18.6	27.5	21.8	78.3	19.868	17.3	0.0	0.0	0.0	5.3
7	17.7	28.0	22.0	79.7	20.547	17.9	0.7	21.5	22.2	4.0
8	18.5	27.0	23.0	84.4	23.291	19.8	0.1	0.8	0.9	4.1
9	19.4	26.8	22.2	81.0	21.323	18.5	0.0	0.0	0.0	4.0
10	19.4	28.5	24.4	71.3	21.013	18.2	0.0	0.0	0.0	7.1
11	18.8	28.0	24.0	78.3	22.663	19.5	0.0	0.0	0.0	2.9
12	18.6	24.0	20.4	96.5	23.263	19.9	0.0	0.0	0.0	0.0
13	18.2	26.3	21.1	82.2	20.545	17.9	0.0	0.0	0.0	2.8
14	17.6	26.5	21.1	85.6	21.420	18.6	0.0	28.9	28.9	2.0
15	16.8	25.5	21.7	78.8	19.963	17.5	6.0	0.0	6.0	5.0
16	18.4	26.5	21.7	78.3	19.953	17.4	0.0	0.0	0.0	3.3
17	19.2	25.5	22.0	76.1	20.187	17.6	3.9	26.9	30.8	4.6
18	17.6	26.5	21.6	87.8	22.183	19.1	7.4	70.1	77.5	1.9
19	18.4	22.1	19.8	88.2	20.492	17.9	5.0	0.0	5.0	0.0
20	17.4	26.5	20.6	82.3	19.775	17.3	0.0	0.0	0.0	3.5
21	17.2	28.1	22.6	76.4	20.335	17.8	0.0	22.8	22.8	7.6
22	17.6	29.5	23.0	81.7	22.694	19.5	26.2	9.3	35.5	2.0
23	18.6	27.5	22.4	78.9	20.949	18.2	0.0	11.4	11.4	4.3
24	18.6	28.5	21.9	81.9	21.238	18.4	22.4	0.0	22.4	2.2
25	19.8	29.5	23.2	77.9	21.675	18.8	0.0	0.0	0.0	8.3
26	20.0	28.5	22.9	82.9	23.225	19.9	0.0	1.4	1.4	3.6
27	19.8	22.5	20.2	95.2	22.628	19.5	15.7	9.4	25.1	0.0
28	17.2	25.5	20.8	85.5	20.860	18.2	0.3	17.3	17.6	0.7
29	19.3	26.5	21.9	81.7	21.411	18.6	0.0	0.0	0.0	4.2
30	18.8	26.5	22.0	79.7	20.805	18.1	0.0	21.8	21.8	4.2
PROM	18.5	26.9	22.0	81.6	21.242	18.4	147.8	260.5	408.3	102.1

ESTACION: MANUEL MALLARINO
 ALTITUD: 1.380

MUNICIPIO: TRUJILLO
 LATITUD: 4-10 N.

AÑO: 1.941
 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	18.6	25.0	20.9	84.4	20.727	18.1	2.7	0.0	2.7	0.1
2	18.4	28.5	22.8	74.9	20.655	18.0	3.2	3.9	12.1	4.8
3	19.6	26.5	21.7	78.5	20.051	17.5	1.0	0.0	1.0	4.6
4	17.8	26.0	20.4	86.1	21.037	18.3	32.4	0.0	32.4	1.8
5	17.8	26.5	20.9	87.2	21.718	18.8	3.1	2.7	5.8	0.9
6	17.2	23.3	20.3	85.6	20.106	17.6	0.6	0.0	0.6	2.6
7	17.8	26.5	21.9	77.1	19.735	17.2	0.0	6.0	6.0	4.5
8	17.2	21.5	19.2	86.5	19.194	16.8	0.0	0.0	0.0	0.6
9	16.8	25.5	21.3	77.4	18.904	16.6	0.0	0.0	0.0	2.0
10	18.2	27.5	21.5	77.8	20.044	17.5	0.0	0.0	0.0	5.5
11	18.0	25.5	20.5	87.1	21.003	18.3	1.5	0.0	1.5	3.1
12	17.3	25.4	21.5	83.0	20.883	18.1	1.1	0.0	1.1	4.4
13	18.0	26.8	22.4	78.6	20.872	18.1	0.0	33.3	33.3	5.2
14	18.2	25.3	20.7	87.8	21.600	18.7	29.3	0.0	29.3	0.6
15	17.6	24.8	20.8	83.1	20.570	17.9	1.5	49.2	50.7	4.9
16	17.2	23.0	19.4	87.9	19.934	17.5	14.4	0.0	14.4	1.2
17	16.3	25.3	21.0	88.3	22.267	19.2	0.9	0.0	0.9	4.7
18	17.4	25.5	22.0	83.3	21.649	18.7	0.0	0.0	0.0	2.6
19	18.6	26.5	22.4	76.2	20.364	17.7	0.0	0.0	0.0	5.1
20	18.8	28.5	23.9	64.9	19.001	16.7	0.0	0.0	0.0	6.2
21	19.3	27.3	22.8	76.3	21.010	18.3	0.0	0.0	0.0	3.6
22	18.2	28.2	23.5	76.7	22.014	19.0	10.2	28.9	39.1	5.7
23	18.2	25.3	21.6	85.5	21.635	18.7	10.6	48.0	58.6	0.7
24	18.5	25.3	22.0	85.5	22.410	19.3	19.7	4.1	23.8	1.9
25	18.5	25.4	21.7	76.3	19.449	17.0	0.0	6.6	6.6	1.1
26	17.7	22.0	20.4	89.8	21.233	18.5	0.0	36.1	36.1	0.0
27	17.5	25.3	21.4	82.9	20.835	18.1	0.0	0.0	0.0	4.1
28	18.0	26.4	21.7	77.6	19.697	17.2	11.2	5.3	16.5	5.0
29	18.5	26.0	22.1	79.9	20.982	18.3	12.7	7.1	19.8	3.1
30	18.8	25.3	21.4	82.7	21.051	18.3	0.1	0.4	0.5	2.0
31	17.6	26.4	21.8	73.1	18.509	16.2	0.0	1.4	1.4	3.0
PROM.	18.0	25.7	21.5	81.4	20.617	17.9	161.2	233.0	394.2	95.4

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.3	24.6	20.9	72.2	17.924	15.7	2.9	0.0	2.9	0.8
2	16.7	26.4	21.2	77.9	19.372	17.0	0.0	0.0	0.0	5.5
3	17.8	27.3	23.0	73.5	19.899	17.4	0.0	0.0	0.0	7.4
4	18.0	27.0	22.2	74.5	19.434	17.0	0.0	0.0	0.0	5.4
5	19.5	28.2	23.2	72.8	20.541	17.9	0.0	0.0	0.0	5.4
6	18.5	28.3	22.6	74.7	20.202	17.7	0.0	2.3	2.3	6.6
7	18.5	25.2	21.1	78.6	19.317	16.9	2.1	0.0	2.1	1.7
8	18.6	24.8	21.1	80.0	20.040	17.5	0.1	20.1	20.2	0.1
9	17.5	22.6	20.1	84.7	19.618	17.2	0.0	0.0	0.0	0.7
10	17.5	26.3	22.0	75.6	19.809	17.3	0.0	0.0	0.0	4.3
11	18.3	26.2	21.7	76.6	19.903	17.4	0.0	4.9	4.9	4.9
12	18.5	24.6	20.5	83.9	20.271	17.7	0.4	8.0	8.4	1.6
13	18.5	27.3	22.3	73.4	19.330	17.0	0.0	0.0	0.0	4.7
14	18.3	27.4	22.6	73.6	20.012	17.5	0.0	0.0	0.0	4.7
15	18.5	26.4	20.9	79.9	19.825	17.3	2.0	0.0	2.0	2.5
16	17.4	24.3	20.0	81.6	18.977	16.7	0.0	0.0	0.0	2.5
17	17.3	27.2	21.8	73.7	18.546	16.3	0.0	0.0	0.0	5.3
18	18.5	25.3	20.7	79.7	19.562	17.1	9.0	0.0	9.0	6.2
19	17.5	25.3	20.7	77.9	18.713	16.4	0.0	0.0	0.0	1.4
20	18.3	27.4	22.2	74.8	19.716	17.2	0.0	0.0	0.0	6.2
21	18.3	26.3	21.3	76.7	19.263	16.8	31.9	0.0	31.9	5.3
22	18.3	25.3	20.6	81.5	19.849	17.4	4.4	0.1	4.5	3.4
23	16.5	25.0	20.2	79.4	18.664	16.4	5.0	2.4	2.4	1.9
24	17.3	24.1	20.1	82.3	19.239	16.9	0.0	0.0	0.0	0.0
25	18.3	24.8	20.6	75.3	18.268	16.1	0.0	0.0	0.0	1.6
26	17.7	27.0	22.2	72.8	18.908	16.5	0.0	0.0	0.0	5.6
27	18.5	25.2	22.0	77.1	20.087	17.6	0.0	0.0	0.0	3.0
28	18.6	26.6	22.2	76.5	20.125	17.5	0.0	0.0	0.0	4.1
29	18.8	23.6	20.0	90.1	21.079	18.4	6.3	5.5	11.8	1.5
30	17.5	25.3	20.4	83.0	19.826	17.3	8.0	0.0	8.0	4.4
PROM	18.1	25.8	21.3	77.8	19.545	17.1	67.1	43.3	110.4	111.0

ESTACION: MANUEL MALLARINO

MUNICIPIO: TRUJILLO

AÑO:

1.981

ALTITUD: 1.380

LATITUD: 4-10 N.

LONGITUD: 76-21 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	26.2	20.4	79.9	19.220	16.8	23.7	2.4	26.1	3.2
2	18.6	26.0	21.3	74.8	18.636	16.4	1.1	0.2	1.3	6.2
3	18.6	25.0	22.0	77.2	20.133	17.6	0.0	4.0	4.0	4.3
4	17.8	23.8	20.6	78.5	18.831	16.5	2.7	0.0	2.7	3.1
5	16.5	26.3	20.5	73.1	17.440	15.3	1.1	6.9	8.0	6.7
6	15.4	24.5	20.3	77.6	18.324	16.1	0.0	0.0	0.0	3.6
7	16.5	26.3	21.7	75.6	19.547	17.1	0.0	0.0	0.0	5.4
8	18.0	27.1	22.1	72.7	19.067	16.8	0.0	0.0	0.0	7.1
9	17.8	26.0	20.9	83.4	20.595	18.0	9.4	0.0	9.4	5.0
10	17.5	25.2	20.2	82.7	19.319	16.9	15.4	10.7	26.1	3.8
11	17.5	25.3	21.3	76.2	18.923	16.6	0.0	0.0	0.0	6.6
12	17.5	26.3	21.5	69.8	17.685	15.7	0.0	0.0	0.0	5.7
13	17.5	24.5	20.6	73.7	17.908	15.8	0.0	0.0	0.0	3.5
14	16.6	25.2	21.2	72.3	17.579	15.5	0.0	2.2	2.2	6.6
15	18.6	26.2	21.0	77.5	19.113	16.8	1.7	0.0	1.7	5.4
16	17.3	24.8	20.6	79.4	18.996	16.6	1.1	4.3	5.4	4.0
17	18.3	23.0	19.6	92.6	21.251	18.5	7.8	0.0	7.8	1.4
18	16.5	24.4	20.0	77.8	17.949	15.8	0.0	0.0	0.0	4.1
19	17.5	26.4	21.7	73.2	18.536	16.3	0.9	1.2	2.1	8.8
20	17.5	27.4	20.9	73.7	17.988	15.8	0.0	0.0	0.0	4.5
21	16.7	27.6	21.8	68.5	17.168	15.1	0.0	0.0	0.0	8.2
22	17.7	27.3	22.4	71.4	18.750	16.5	0.0	0.0	0.0	8.7
23	17.2	26.6	22.4	68.6	18.160	16.0	0.0	0.0	0.0	8.7
24	17.5	28.8	22.6	61.1	16.178	14.1	0.0	0.0	0.0	9.0
25	18.5	26.8	22.6	60.1	16.201	14.1	0.0	0.0	0.0	8.9
26	17.5	28.2	22.6	66.8	18.074	15.9	0.0	0.0	0.0	8.6
27	17.5	28.4	23.0	68.7	18.638	16.4	0.0	0.0	0.0	6.7
28	17.5	26.8	22.0	71.5	18.552	16.3	0.0	0.0	0.0	4.0
29	17.3	26.6	21.3	71.5	17.709	15.6	0.0	0.0	0.0	4.3
30	17.5	29.3	22.6	69.5	18.460	16.2	0.0	0.0	0.0	7.8
31	18.3	26.3	22.5	68.7	18.876	16.6	0.0	0.0	0.0	5.0
PROM.	17.5	26.3	21.4	73.8	18.516	16.2	64.9	31.9	96.8	179.0

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	17.7	29.3	22.9	70.0	18.943	16.6	0.0	0.0	0.0	2.5
2	18.5	27.4	22.7	72.0	19.253	16.9	0.0	0.0	0.0	6.7
3	19.2	27.4	22.5	71.7	19.253	16.9	0.0	0.0	0.0	2.3
4	17.5	28.0	22.8	66.8	18.157	16.0	0.0	0.0	0.0	7.1
5	17.9	29.0	23.1	71.5	19.475	17.1	0.0	0.0	0.0	8.1
6	18.3	29.0	22.7	72.8	19.686	17.2	0.0	0.0	0.0	5.7
7	18.0	27.3	21.8	72.9	18.974	16.5	1.4	0.0	1.4	3.8
8	16.5	27.4	22.8	65.4	17.564	15.5	0.0	9.2	9.2	7.2
9	18.5	28.0	22.3	73.4	19.186	16.8	0.4	0.0	0.4	5.4
10	17.5	28.3	22.8	65.9	17.967	15.8	0.0	0.0	0.0	7.1
11	17.5	26.0	21.8	76.2	18.847	16.5	30.1	0.0	30.1	3.3
12	17.5	26.4	20.8	82.4	20.259	17.7	30.6	16.4	47.0	1.4
13	17.3	26.2	21.0	78.3	19.203	16.9	0.0	0.0	0.0	4.3
14	18.6	28.0	22.6	71.7	18.982	16.6	0.0	0.0	0.0	7.0
15	18.8	28.2	22.6	65.3	17.644	15.5	0.0	0.0	0.0	6.6
16	17.9	27.0	22.1	71.7	19.042	16.7	11.9	7.5	19.4	6.2
17	17.0	25.5	20.4	81.1	19.476	17.1	3.3	0.0	3.3	3.6
18	16.8	26.6	21.7	69.5	17.405	15.3	0.0	0.0	0.0	7.2
19	16.7	26.6	22.4	76.1	20.295	17.7	0.0	0.0	0.0	7.9
20	17.0	28.0	22.0	66.6	16.991	14.9	0.0	0.0	0.0	7.7
21	17.8	26.8	21.1	75.4	18.665	16.4	0.0	0.9	1.6	6.4
22	17.5	27.0	20.6	76.0	18.209	16.0	0.2	6.3	6.5	4.3
23	17.5	25.3	21.4	75.9	18.659	16.4	0.0	0.0	0.0	2.4
24	17.5	25.4	20.3	75.0	17.727	15.5	0.0	0.0	0.0	5.2
25	16.5	24.0	19.9	82.3	18.865	16.5	2.0	8.9	10.9	2.3
26	16.5	27.2	20.7	67.9	15.808	13.6	0.0	0.8	0.8	6.1
27	18.0	28.0	22.4	69.5	18.336	16.1	0.0	0.0	0.0	6.8
28	17.5	27.8	22.6	73.6	19.816	17.3	0.6	0.0	0.6	7.2
29	18.0	26.0	20.9	79.9	19.704	17.2	15.3	3.5	18.8	5.6
30	16.5	25.8	19.9	77.0	17.615	15.5	0.0	0.0	0.0	5.5
31	17.5	25.0	19.9	81.4	18.556	16.2	0.9	10.9	11.8	3.7
PROM.	17.0	27.0	21.7	73.4	18.663	16.4	97.4	64.4	161.8	166.6

ESTACION: MANUEL MALLARINO

MUNICIPIO: TRUJILLO

AÑO: 1.981

ALTITUD: 1.380

LATITUD: 4-10 N.

LONGITUD: 76-21 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	25.4	19.4	80.8	17.848	15.7	13.9	0.9	14.8	3.2
2	16.3	25.4	20.3	80.1	18.868	16.4	3.8	0.0	3.8	4.8
3	15.5	25.3	20.7	76.4	18.468	16.3	0.3	0.0	0.3	3.9
4	16.5	25.8	21.8	69.9	17.787	15.7	0.0	0.0	0.0	6.3
5	17.6	26.0	20.9	77.9	19.181	16.8	0.9	0.4	1.3	3.9
6	17.3	24.4	21.4	76.8	19.257	16.9	0.0	0.0	0.0	2.8
7	17.1	26.4	21.1	76.2	18.938	16.6	0.0	0.0	0.0	4.9
8	17.0	28.4	21.5	73.9	18.693	16.4	0.0	19.0	19.0	4.1
9	16.0	26.3	21.3	71.9	17.611	15.5	0.0	0.0	0.0	6.7
10	17.0	27.3	21.2	78.0	19.388	17.0	1.4	1.9	3.3	4.7
11	17.3	24.4	20.6	80.9	19.181	16.8	0.0	0.0	0.0	2.0
12	16.5	25.6	19.4	75.0	17.415	15.3	0.7	11.8	12.5	6.4
13	17.3	25.3	20.6	84.7	20.759	18.0	0.0	0.0	0.0	2.4
14	17.5	27.6	21.7	71.4	18.259	16.1	0.0	1.1	1.1	5.5
15	17.5	25.2	21.4	79.5	20.106	17.6	0.0	0.0	0.0	3.7
16	17.5	26.8	21.2	76.8	19.260	16.9	9.8	0.0	9.8	8.2
17	17.3	27.4	22.4	71.2	18.776	16.5	0.0	0.0	0.0	6.7
18	18.0	28.8	22.9	72.0	19.284	16.9	0.0	0.0	0.0	8.3
19	17.5	26.6	22.1	76.0	20.358	17.8	0.2	0.0	0.2	4.2
20	16.5	26.4	22.0	68.0	17.599	15.3	0.0	0.0	0.0	2.7
21	17.4	27.4	22.2	67.5	18.086	15.9	0.0	0.0	0.0	4.8
22	16.3	27.6	22.0	69.4	18.176	16.0	0.0	0.0	0.0	6.2
23	17.5	28.2	23.0	69.9	19.411	17.0	0.0	0.0	0.0	8.0
24	17.5	28.8	22.9	65.3	18.014	15.7	0.0	0.0	0.0	8.9
25	18.5	27.4	22.7	73.0	19.891	17.4	0.0	0.0	0.0	6.6
26	17.5	28.2	21.6	72.2	18.471	16.2	0.0	0.0	0.0	6.5
27	18.0	27.2	21.5	70.1	18.085	15.9	7.0	0.0	7.0	4.0
28	18.5	27.8	22.0	75.5	20.195	17.7	0.0	0.0	0.0	7.5
29	17.5	27.6	23.0	70.0	19.186	16.8	0.0	0.0	0.0	7.4
30	16.5	27.6	23.0	74.7	20.587	17.9	0.0	0.0	0.0	5.8
PROM.	17.2	26.8	21.6	74.2	18.898	16.6	38.0	35.1	73.1	161.3

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.3	25.4	22.8	78.3	20.930	18.2	0.3	0.0	0.3	0.4
2	17.4	27.4	22.5	74.0	19.566	17.1	0.0	0.0	0.0	3.9
3	18.0	24.4	20.7	89.5	21.721	18.8	2.5	0.0	2.5	2.9
4	16.5	26.3	20.4	83.4	19.841	17.4	11.0	0.1	11.1	4.4
5	16.8	26.0	21.2	75.9	18.683	16.4	0.0	0.0	0.0	5.9
6	17.5	27.2	21.7	74.7	19.165	16.3	0.0	0.0	0.0	2.9
7	18.0	27.0	21.5	76.5	19.287	16.8	7.4	0.0	7.4	3.6
8	17.3	24.0	19.3	92.4	20.268	17.7	20.6	0.0	20.6	2.4
9	16.2	26.2	21.3	72.5	17.595	15.4	0.0	31.9	31.9	3.3
10	16.8	26.3	19.7	83.6	19.111	16.7	45.9	5.7	51.6	3.1
11	17.5	24.4	20.4	82.1	19.468	17.0	0.5	0.0	0.5	3.7
12	17.0	25.2	21.1	79.5	19.730	17.2	0.0	0.6	0.6	2.7
13	17.0	24.2	20.0	85.7	19.947	17.5	0.4	0.0	0.4	2.0
14	17.0	23.4	19.8	85.6	19.772	17.3	7.1	1.4	8.5	3.8
15	17.1	25.0	19.9	82.1	19.021	16.7	22.7	0.0	22.7	3.6
16	16.5	25.8	20.9	79.0	19.170	16.8	0.0	0.0	0.0	2.5
17	17.4	25.8	22.0	69.9	18.068	15.8	0.0	0.1	0.1	3.9
18	18.3	25.3	22.1	79.6	21.164	18.4	0.0	19.9	19.9	2.9
19	17.5	25.7	20.9	80.0	19.651	17.2	0.0	0.0	0.0	4.6
20	16.3	27.6	21.8	71.9	18.454	16.2	0.0	0.0	0.0	7.6
21	17.3	27.2	22.5	73.4	19.782	17.3	0.0	0.0	0.0	6.0
22	17.5	25.6	20.9	72.7	18.103	15.9	0.0	0.0	0.0	0.1
23	16.3	25.3	19.7	81.5	18.812	16.5	15.3	55.7	71.0	1.4
24	16.4	24.4	20.2	87.2	20.380	17.7	0.5	0.0	0.5	1.4
25	16.5	27.2	21.0	78.4	19.354	17.0	37.3	0.0	37.3	3.8
26	17.5	23.2	19.1	90.1	19.934	17.5	5.7	4.2	9.9	0.5
27	15.5	25.2	19.3	79.9	17.770	15.6	0.3	0.0	0.3	1.7
28	17.4	24.6	20.0	80.6	18.722	16.5	2.2	21.6	23.8	3.9
29	17.5	26.4	21.6	72.2	17.914	15.7	0.0	15.5	15.5	4.4
30	17.5	23.8	20.0	85.3	19.767	17.3	0.5	0.0	0.5	0.1
31	17.4	25.0	20.5	82.6	19.798	17.5	0.0	0.3	0.3	2.1
PROM.	17.1	25.5	20.8	80.0	19.384	17.0	180.2	157.0	337.2	95.5

ESTACION: MANUEL MALLARINO

MUNICIPIO: TRUJILLO

AÑO: 1.961

ALTITUD: 1.380

LATITUD: 4-10 N.

LONGITUD: 76-21 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	24.2	20.3	86.0	20.340	17.8	2.3	0.0	2.3	0.4
2	17.2	26.2	21.1	75.4	18.586	16.3	0.0	0.0	0.0	6.0
3	16.6	26.2	22.3	73.0	18.978	16.6	0.0	0.0	0.0	6.6
4	17.3	25.2	19.9	82.4	19.341	16.9	4.6	21.7	26.3	4.4
5	15.3	24.4	19.1	73.4	15.864	13.8	0.0	0.0	0.0	7.7
6	15.0	26.4	20.0	77.3	17.826	15.7	0.0	1.5	1.5	5.6
7	17.0	25.2	19.5	82.6	18.906	16.6	4.3	15.0	19.3	2.8
8	16.4	23.2	18.8	77.7	16.989	14.9	0.0	2.1	2.1	2.2
9	16.4	24.6	19.9	73.1	16.617	14.5	0.0	0.0	0.0	6.9
10	15.5	22.2	17.8	82.6	16.940	14.9	1.6	0.0	1.6	2.3
11	15.3	24.3	18.7	79.5	16.819	14.6	0.4	35.3	35.3	4.1
12	15.5	23.3	18.6	86.6	18.396	16.2	0.4	0.0	0.4	3.5
13	16.0	24.4	19.3	89.8	20.137	17.6	0.1	0.0	0.1	3.3
14	16.5	22.4	18.5	85.6	18.181	16.0	1.0	4.3	5.3	1.9
15	15.3	22.4	18.2	81.5	16.912	14.8	3.3	0.1	3.4	3.1
16	16.3	22.2	18.3	86.3	18.398	16.2	9.4	37.9	47.3	1.0
17	15.5	24.2	19.3	78.5	17.294	15.2	0.0	1.3	1.3	5.2
18	16.3	24.3	18.4	82.6	16.923	14.7	4.6	0.4	5.0	3.9
19	15.5	24.3	19.0	78.1	17.381	15.2	0.0	21.7	21.7	5.5
20	15.6	23.3	18.1	86.2	17.960	15.8	5.0	2.8	7.8	2.4
21	15.5	21.2	17.5	85.0	17.013	15.0	0.1	4.7	4.8	1.6
22	15.3	24.0	18.2	78.0	15.975	13.8	0.0	0.0	0.0	2.9
23	15.6	23.3	19.3	78.5	17.510	15.4	2.4	46.8	49.2	3.1
24	15.6	23.4	19.0	81.7	17.948	15.8	6.4	3.7	10.1	3.5
25	15.6	23.6	19.3	82.2	18.389	16.2	0.0	0.0	0.0	3.5
26	15.0	24.4	19.0	77.3	16.749	14.7	0.5	0.0	0.5	5.9
27	16.0	22.2	18.4	85.6	18.181	16.0	1.8	0.0	1.8	0.1
28	15.0	24.8	18.7	76.7	16.511	14.5	0.2	23.3	23.5	4.5
29	15.6	21.3	18.3	80.8	17.111	15.0	1.9	28.5	30.4	0.0
30	15.0	23.0	18.3	82.6	17.393	15.3	0.0	0.2	0.2	2.8
PROM.	15.9	23.8	19.0	80.9	17.719	15.5	49.9	251.3	301.2	106.7

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	15.0	24.8	18.8	80.5	17.605	15.5	0.0	2.7	2.7	6.3
2	15.0	24.6	19.4	81.0	17.977	15.8	0.0	0.0	0.0	5.5
3	15.6	26.0	20.7	75.5	18.068	15.8	0.0	0.0	0.0	8.2
4	16.0	25.4	20.0	75.8	17.312	15.2	0.0	0.0	0.0	4.6
5	16.6	22.2	19.1	83.0	18.293	16.1	0.4	50.9	51.3	0.0
6	15.6	20.4	17.5	88.4	17.742	15.6	1.9	0.0	1.9	0.8
7	16.5	25.0	19.5	75.0	16.946	14.9	0.0	2.3	2.3	6.4
8	15.0	25.4	19.2	73.3	16.363	14.3	0.0	0.0	0.0	6.2
9	15.3	24.4	19.5	77.0	17.038	15.0	0.0	24.8	24.8	3.4
10	16.0	23.2	19.4	77.2	16.907	14.8	2.6	1.6	4.2	1.6
11	17.5	22.6	20.0	87.5	20.499	17.9	0.0	0.0	0.0	1.0
12	17.5	26.6	22.2	75.1	19.284	16.9	0.0	0.0	0.0	5.3
13	17.5	27.4	23.1	74.8	20.285	17.7	0.0	0.0	0.0	6.2
14	18.3	26.8	21.6	80.2	20.515	17.9	8.4	0.0	8.4	4.7
15	18.5	26.8	22.0	74.0	19.346	16.9	0.0	0.0	0.0	5.6
16	18.5	28.4	22.7	71.1	19.045	16.7	0.0	0.0	0.0	7.4
17	18.0	28.2	22.5	74.3	19.597	17.5	0.0	0.0	0.0	7.3
18	19.5	29.3	22.7	77.9	21.118	18.2	0.0	0.0	0.0	7.2
19	17.5	26.4	22.1	77.0	20.424	17.8	0.0	0.0	0.0	5.5
20	17.5	26.0	21.5	77.7	20.225	17.7	1.2	0.0	1.2	3.4
21	16.0	24.5	19.3	81.0	18.080	15.8	0.5	1.1	1.6	1.6
22	17.8	25.4	20.0	77.7	18.019	15.8	0.0	0.0	0.0	3.3
23	17.7	27.8	22.1	74.2	19.109	16.6	0.0	0.0	0.0	6.5
24	18.4	28.8	22.4	75.9	20.090	17.4	0.0	0.0	0.0	6.4
25	18.8	28.4	22.0	75.1	19.603	17.2	3.4	0.0	3.4	3.2
26	17.0	29.0	21.7	71.9	18.038	15.9	0.1	0.0	0.1	7.3
27	18.0	27.2	22.0	82.6	21.642	18.8	0.0	0.0	0.0	4.7
28	16.6	28.4	22.2	71.3	18.858	16.6	0.0	0.0	0.0	7.1
29	17.4	20.0	18.5	89.8	19.181	16.8	6.9	0.0	6.9	0.4
30	17.3	27.5	21.1	75.9	18.623	16.3	0.0	17.3	17.3	6.2
31	18.0	26.5	20.8	75.9	18.373	16.2	0.0	0.0	0.0	2.8
PROM.	17.1	25.9	20.8	77.7	18.858	16.5	25.4	100.7	126.1	146.1

ESTACION: MANUEL MALLARINO

MUNICIPIO TRUJILLC

AÑO: 1.981

ALTITUD: 1.380

LATITUD: 4-10 N.

LONGITUD: 76-21 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	17.7	28.1	22.7	16.8	29.5	74.4	20.030	17.4	3.2	1	193.5
FEBRERO	18.6	27.7	22.7	17.6	30.2	76.6	20.542	17.9	53.3	13	129.0
MARZO	18.6	27.8	22.6	17.0	31.5	76.4	20.502	17.8	80.5	13	154.2
ABRIL	18.5	26.9	22.0	16.8	29.9	81.6	21.242	18.4	408.3	18	102.1
MAYO	18.0	25.7	21.5	16.3	28.5	81.4	20.617	17.9	394.2	23	95.4
JUNIO	18.1	25.8	21.3	16.5	28.3	77.8	19.545	17.1	110.4	13	111.0
JULIO	17.5	26.3	21.4	15.4	29.3	73.8	18.516	16.2	96.8	12	179.0
AGOSTO	17.6	27.0	21.7	16.5	29.3	73.4	18.663	16.4	161.8	14	166.6
SEPTIEMBRE	17.2	26.8	21.6	15.5	28.8	74.2	18.898	16.6	73.1	11	161.3
OCTUBRE	17.1	25.5	20.8	15.5	27.6	80.0	19.384	17.0	337.2	23	95.5
NOVIEMBRE	15.9	23.8	19.0	15.0	26.4	80.9	17.719	15.5	301.2	24	106.7
DICEMBRE	17.1	25.9	20.8	15.0	29.3	77.7	18.858	16.5	126.1	13	146.1
PROMEDIO	17.7	26.4	21.5	16.2	29.1	77.4	19.541	17.1			
TOTAL									2146.1	178	1640.4

ESTACION: JULIO FERNANDEZ
 ALTITUD: 1.360

MUNICIPIO: RESTREPO
 LATITUD: 3-49 N.

AÑO: 1.981
 LONGITUD: 76-31 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocoío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	24.5	19.0	83.5	18.647	16.4	0.0	0.0	0.0	3.9
2	16.0	24.5	19.5	82.5	19.011	16.7	0.0	0.0	0.0	6.6
3	16.6	26.8	20.4	80.0	19.312	17.0	0.0	0.0	0.0	5.4
4	16.5	25.5	19.6	79.4	18.341	16.2	0.0	0.0	0.0	6.8
5	16.6	25.5	19.7	82.3	18.856	16.6	0.0	1.5	1.5	7.5
6	15.6	24.5	19.0	83.3	18.375	16.2	0.0	0.0	0.0	2.3
7	15.6	24.5	18.8	88.0	19.369	16.9	1.9	0.0	1.9	1.8
8	15.6	23.0	18.4	84.0	18.053	15.9	0.0	0.0	0.0	0.4
9	14.5	26.5	20.5	80.1	19.116	16.8	0.0	0.0	0.0	6.4
10	16.3	26.0	20.6	78.5	19.094	16.8	0.0	0.0	0.0	8.6
11	16.5	25.0	19.6	79.0	18.228	16.0	0.0	0.0	0.0	3.8
12	14.6	26.0	19.5	81.5	18.532	16.3	0.0	0.4	0.4	6.6
13	16.0	25.0	18.9	80.2	17.912	15.8	0.0	0.0	0.0	7.1
14	15.4	27.0	19.8	77.8	18.139	15.9	0.0	0.0	0.0	7.1
15	14.6	25.5	19.4	82.4	18.357	16.4	2.1	0.0	2.1	7.2
16	16.6	25.5	19.9	77.6	18.052	15.9	0.0	0.0	0.0	7.2
17	16.5	26.5	20.1	79.7	18.630	16.4	0.0	0.0	0.0	8.5
18	16.5	26.5	20.0	77.3	18.392	16.2	0.0	1.9	1.9	8.0
19	15.4	26.3	20.1	79.6	18.582	16.3	0.0	0.0	0.0	8.2
20	15.6	26.5	19.9	77.1	18.047	15.9	0.0	0.0	0.0	8.9
21	13.6	25.0	19.1	80.1	17.799	15.7	0.0	0.0	0.0	6.9
22	14.0	25.0	19.3	79.5	17.636	15.5	0.0	0.0	0.0	7.0
23	16.0	26.0	20.0	76.6	17.869	15.7	0.0	0.0	0.0	7.2
24	15.5	25.5	19.5	78.3	17.747	15.6	0.0	0.0	0.0	9.3
25	12.5	25.5	18.9	78.8	17.062	15.0	0.0	0.0	0.0	7.2
26	15.3	26.5	19.7	78.4	18.064	15.9	0.0	0.0	0.0	7.7
27	15.5	26.0	19.8	80.2	18.672	16.4	0.0	1.0	1.0	9.5
28	15.5	25.5	19.6	78.2	17.892	15.8	0.0	0.4	0.4	9.3
29	14.5	25.5	19.5	81.0	18.289	16.1	0.0	0.0	0.0	6.2
30	16.5	26.0	20.2	78.0	18.493	16.3	0.0	0.0	0.0	6.5
31	16.0	25.5	19.8	77.3	17.976	15.8	0.0	4.8	4.8	5.8
PROM.	15.5	25.6	19.6	80.0	18.340	16.1	4.0	10.0	14.0	206.9

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocoío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	25.0	19.7	89.6	21.272	18.3	0.0	0.0	0.0	2.5
2	14.5	26.0	19.1	77.6	16.877	14.8	1.1	0.0	1.1	6.6
3	17.0	26.5	20.1	79.6	18.822	16.5	0.0	9.0	9.0	5.4
4	14.5	24.5	19.6	81.1	18.663	16.4	1.0	0.0	1.0	3.2
5	15.6	25.6	19.9	80.0	18.618	16.4	0.8	2.1	2.9	6.8
6	15.6	26.0	19.6	78.0	17.660	15.5	0.0	0.0	0.0	7.2
7	17.0	25.0	19.8	82.0	18.991	16.7	0.5	0.0	0.5	3.4
8	16.5	25.0	19.5	80.6	18.275	16.1	0.0	0.0	0.0	5.4
9	15.6	26.0	19.8	81.3	18.732	16.5	0.7	0.0	0.7	5.4
10	16.0	26.0	20.1	77.5	18.049	15.9	0.0	0.0	0.0	9.0
11	18.0	26.5	20.8	76.8	18.818	16.6	0.0	6.3	6.3	7.6
12	16.5	24.5	18.2	89.7	18.783	16.5	3.0	0.0	3.0	0.4
13	14.0	26.5	19.5	79.2	17.546	15.4	0.0	0.3	0.3	8.4
14	17.0	25.5	20.5	78.6	19.116	16.8	0.0	0.0	0.0	5.2
15	17.0	26.5	20.1	82.5	19.450	17.1	0.0	0.0	0.0	7.6
16	17.5	26.5	20.7	75.0	18.331	16.1	0.0	0.4	0.4	7.0
17	17.5	26.5	20.2	77.4	18.394	16.2	0.0	0.4	0.4	3.6
18	18.0	26.0	20.5	77.4	18.661	16.4	0.0	0.0	0.0	6.4
19	17.5	26.0	19.4	85.3	19.469	17.1	0.5	0.0	0.5	1.3
20	15.5	26.0	19.6	84.3	19.066	16.7	0.0	0.0	0.0	6.9
21	16.5	26.0	21.0	77.9	19.432	17.1	2.2	4.0	6.2	4.5
22	17.0	26.5	20.8	77.8	19.134	16.8	0.0	1.0	1.0	5.5
23	18.0	24.0	20.1	80.9	19.234	16.9	3.2	12.7	15.9	2.3
24	15.5	27.0	20.6	77.0	18.345	16.1	0.0	0.0	0.0	5.0
25	18.0	25.5	20.4	81.1	19.499	17.1	0.1	0.0	0.1	4.1
26	17.0	28.0	21.2	77.9	19.422	17.1	0.0	0.0	0.0	7.6
27	19.0	27.0	21.5	79.1	20.434	17.8	0.0	0.0	0.0	4.3
28	18.6	25.0	21.4	77.2	19.371	16.9	0.0	0.0	0.0	4.0
PROM.	16.7	25.9	20.1	80.1	18.874	16.6	13.1	36.2	49.3	146.6

ESTACION: JULIO FERNANDEZ

MUNICIPIO: RESTREPO

AÑO: 1.981

ALTITUD: 1.360

LATITUD: 3-49 N.

LONGITUD: 76-31 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto roció °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	28.5	21.8	80.4	21.129	18.4	0.0	0.0	0.0	8.2
2	19.0	27.5	21.9	75.3	19.918	17.4	0.0	8.3	8.3	4.7
3	16.0	26.0	20.1	80.1	18.587	16.3	0.6	0.0	0.6	2.9
4	16.5	26.5	21.1	80.2	20.189	17.7	0.0	0.0	0.0	8.1
5	17.4	26.5	20.0	77.4	18.408	16.2	0.0	0.5	0.5	5.3
6	16.5	23.0	19.4	83.1	18.662	16.4	2.2	0.0	2.2	1.4
7	17.0	25.6	19.9	85.5	19.992	17.5	0.2	0.0	0.2	3.5
8	17.0	22.4	18.6	90.0	19.426	17.1	1.1	0.3	1.4	1.4
9	16.8	23.0	19.7	81.4	18.646	16.4	0.0	0.7	0.7	0.2
10	17.5	22.6	19.1	83.3	18.331	16.1	1.4	0.0	1.4	0.7
11	15.0	24.5	19.8	82.6	18.882	16.6	0.0	0.0	0.0	2.7
12	17.0	26.5	20.8	76.8	18.874	16.6	0.0	0.4	0.4	5.4
13	18.5	26.0	21.0	76.0	18.917	16.6	0.0	0.0	0.0	4.7
14	17.4	25.0	20.1	77.6	18.293	16.1	0.0	8.8	8.8	1.3
15	15.6	25.8	19.8	78.8	18.158	16.0	5.8	0.0	5.8	4.3
16	16.8	28.5	21.2	73.3	18.085	15.8	0.0	5.5	5.5	9.1
17	16.5	24.0	19.7	79.7	18.392	16.2	0.0	0.0	0.0	3.6
18	14.5	26.5	19.7	76.5	17.130	15.1	0.0	0.0	0.0	6.7
19	16.5	26.0	20.8	75.9	18.375	16.2	0.0	0.0	0.0	7.7
20	16.5	26.0	20.4	73.5	17.292	15.2	0.0	8.7	8.7	7.5
21	15.0	25.1	19.4	80.5	18.122	15.9	0.0	0.4	0.4	7.5
22	16.0	25.5	19.8	76.5	17.616	15.5	0.0	0.0	0.0	6.3
23	14.8	26.5	19.0	75.9	16.789	14.8	0.0	0.0	0.0	7.3
24	16.0	26.5	19.5	75.5	17.005	14.9	0.0	0.0	0.0	7.2
25	15.5	26.0	20.7	72.5	17.228	15.2	0.0	5.4	5.4	7.8
26	17.0	26.0	19.8	79.5	18.306	16.1	1.1	0.0	1.1	4.8
27	16.5	25.5	20.4	77.7	18.371	16.2	0.0	0.0	0.0	6.6
28	14.0	27.5	20.0	75.3	17.177	15.1	0.0	0.5	0.5	7.2
29	15.2	25.3	19.1	89.7	19.715	17.3	8.4	0.0	8.4	3.2
30	14.6	26.0	19.7	80.5	18.498	16.3	0.0	0.0	0.0	4.7
31	15.1	27.0	21.1	74.7	18.234	16.0	0.0	0.0	0.0	8.5
PROM.	16.3	25.7	20.1	78.9	18.476	16.2	20.8	39.5	60.3	160.5

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto roció °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	27.0	21.0	76.9	19.077	16.7	0.0	0.0	0.0	8.3
2	14.5	27.5	20.5	77.8	18.649	16.4	0.0	1.9	1.9	5.4
3	18.0	25.0	20.8	73.3	17.730	15.4	0.0	0.0	0.0	0.0
4	16.0	26.5	19.9	87.1	20.246	17.7	0.0	6.7	6.7	5.7
5	17.5	22.0	19.2	86.5	19.254	16.9	18.5	17.1	35.6	0.0
6	15.5	26.0	19.9	78.1	17.990	15.8	0.0	0.0	0.0	5.0
7	16.0	26.5	20.5	79.3	19.271	16.9	0.0	1.0	1.0	5.5
8	16.6	25.0	20.3	84.7	20.204	17.7	3.0	2.6	5.6	3.5
9	18.5	26.5	21.2	78.5	19.764	17.3	0.0	0.0	0.0	5.7
10	14.5	27.5	21.1	80.7	19.782	17.3	0.0	0.0	0.0	8.1
11	18.5	26.0	21.7	79.7	20.772	18.1	0.0	0.0	0.0	4.6
12	17.4	23.5	19.4	85.8	19.885	17.4	4.9	0.0	4.9	0.0
13	16.5	25.3	19.7	88.6	19.972	17.4	3.7	0.0	3.7	3.0
14	16.0	25.0	20.2	80.8	19.194	16.9	0.0	3.6	3.6	2.7
15	17.0	26.5	20.5	77.8	18.598	16.4	0.0	7.5	7.5	5.8
16	17.0	25.0	20.9	79.7	19.559	17.1	1.6	0.6	2.2	3.2
17	16.8	25.0	20.1	86.4	20.580	18.0	1.8	1.3	3.1	4.4
18	16.2	25.5	19.5	85.2	19.561	17.1	2.5	20.3	22.8	4.6
19	17.0	22.0	18.8	86.2	18.603	16.4	3.3	0.0	3.3	0.1
20	17.0	26.0	20.4	77.3	18.386	16.2	3.1	0.0	3.1	2.6
21	15.0	27.5	21.1	77.7	19.297	16.9	0.0	2.1	2.1	7.0
22	17.0	25.0	20.2	85.3	20.222	17.6	4.9	0.0	4.9	0.0
23	18.0	26.0	20.1	80.4	19.041	16.7	0.5	10.9	11.4	5.0
24	17.5	25.5	20.3	76.5	18.014	15.8	5.5	0.0	5.5	1.2
25	17.0	25.5	21.2	80.3	20.239	17.7	0.0	0.0	0.0	6.5
26	18.0	27.5	21.3	82.1	21.434	18.6	0.7	1.1	1.8	4.6
27	16.5	21.0	18.7	85.5	18.961	16.6	13.7	9.2	22.9	0.0
28	16.5	25.5	20.4	76.9	18.118	15.9	0.2	0.8	1.0	2.3
29	17.0	27.0	20.6	75.7	18.135	15.9	0.0	10.3	10.3	5.1
30	18.0	26.0	19.7	79.3	18.295	16.1	6.9	2.3	9.2	2.5
PROM	16.8	25.5	20.3	81.0	19.294	16.9	74.8	99.3	174.1	112.4

ESTACION: JULIO FERNANDEZ
 ALTITUD: 1.360

MUNICIPIO: RESTREPO
 LATITUD: 3-49 N.

AÑO: 1.961
 LONGITUD: 76-31 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	24.5	19.8	78.2	17.876	15.7	0.0	0.0	0.0	0.7
2	17.5	25.5	19.6	79.0	18.177	16.0	0.6	4.9	5.5	6.1
3	16.0	24.5	19.8	78.9	18.167	16.0	4.3	4.5	8.8	2.8
4	16.0	23.5	18.0	88.8	18.798	16.5	9.9	0.2	10.1	0.5
5	16.5	25.0	19.5	81.0	18.450	16.2	0.0	3.3	3.3	5.5
6	16.5	23.0	19.5	79.1	17.748	15.6	0.3	0.0	0.3	1.7
7	15.5	26.5	19.2	79.6	17.720	15.6	5.0	2.2	7.2	5.7
8	14.5	22.0	17.1	79.2	15.457	13.5	0.4	0.0	0.4	1.8
9	14.5	25.5	19.8	79.4	17.815	15.6	1.5	0.0	1.5	0.0
10	17.0	24.5	19.4	84.2	18.937	16.6	0.6	1.4	2.0	4.4
11	16.0	22.0	18.3	91.6	19.519	17.1	1.6	0.0	1.6	4.8
12	17.0	26.0	20.3	78.2	18.782	16.5	0.0	0.0	0.0	6.4
13	18.0	28.0	21.0	79.4	19.798	17.4	0.0	41.4	41.4	6.6
14	16.8	26.0	18.6	82.7	18.058	15.9	27.8	0.0	27.8	2.7
15	14.5	26.0	19.5	90.2	20.755	18.0	0.0	1.6	1.6	6.7
16	17.0	22.5	19.4	90.5	20.442	17.9	2.8	0.0	2.8	3.8
17	14.6	24.5	18.7	92.2	19.930	17.4	22.9	0.0	22.9	1.5
18	15.8	24.0	19.8	87.4	20.159	17.6	10.6	0.0	10.6	2.3
19	15.5	26.5	20.4	85.7	20.526	17.9	0.3	0.0	0.3	5.4
20	16.0	29.0	22.1	78.0	20.620	18.0	0.0	0.0	0.0	9.3
21	18.2	27.0	21.2	78.0	20.071	17.6	0.0	10.1	10.1	4.3
22	17.5	28.0	20.1	79.6	18.499	16.2	2.5	6.1	8.6	4.9
23	18.0	24.0	19.7	85.4	20.037	17.5	5.5	8.1	13.6	4.3
24	18.5	25.5	20.5	79.4	19.721	17.2	0.0	0.9	0.9	0.0
25	17.0	24.0	20.4	81.7	19.386	17.0	0.0	5.5	5.5	0.5
26	19.0	24.5	19.7	87.0	20.148	17.6	0.1	9.4	9.5	1.6
27	18.0	25.0	20.2	84.8	20.228	17.7	0.0	2.8	2.8	3.5
28	17.0	26.0	19.9	82.4	18.928	16.6	0.0	6.3	6.3	8.6
29	16.8	24.3	19.1	84.5	18.792	16.5	1.2	11.7	12.9	0.4
30	16.0	25.4	20.7	77.3	18.730	16.5	0.0	0.0	0.0	1.5
31	16.8	26.0	20.1	85.8	19.969	17.4	0.0	0.8	0.8	6.0
PROM.	16.6	25.1	19.7	82.9	19.105	16.7	97.9	121.2	219.1	114.3

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	15.6	24.5	18.6	84.1	18.345	16.1	0.0	0.0	0.0	7.5
2	15.0	27.0	20.2	80.4	18.717	16.4	0.0	0.0	0.0	7.9
3	16.0	27.4	20.8	78.5	18.939	16.6	0.0	0.0	0.0	0.0
4	16.3	26.5	20.7	82.2	19.855	17.4	0.0	0.0	0.0	7.8
5	17.8	26.0	21.3	81.5	20.817	18.2	0.0	0.0	0.0	10.2
6	17.5	25.0	20.8	82.9	20.546	17.9	0.0	2.2	2.2	5.4
7	16.8	22.5	18.9	88.2	19.457	17.1	12.0	0.0	12.0	0.6
8	16.0	23.5	18.7	86.4	19.073	16.7	0.0	1.9	1.9	0.4
9	14.1	23.5	18.4	83.3	17.774	15.7	30.2	0.0	30.2	0.8
10	13.2	24.5	19.1	83.9	18.396	16.2	0.0	0.0	0.0	4.6
11	15.8	24.6	19.9	85.7	20.023	17.5	0.0	3.7	3.7	5.5
12	17.5	22.8	18.8	85.1	18.613	16.3	5.0	0.0	5.0	1.5
13	14.6	27.0	20.0	80.6	18.477	16.2	0.5	0.0	0.5	5.5
14	17.0	27.9	21.4	80.1	20.187	17.6	0.0	0.0	0.0	6.8
15	17.3	25.0	20.1	85.5	20.237	17.7	0.0	0.3	0.3	4.0
16	15.0	22.5	19.2	82.7	18.153	15.9	0.5	0.0	0.5	1.0
17	13.6	25.0	20.2	76.5	17.919	15.8	0.0	1.3	1.3	9.2
18	16.8	23.5	19.0	85.3	19.048	16.7	0.1	0.0	0.1	2.2
19	13.6	26.5	19.3	82.9	18.637	16.4	0.0	0.8	0.8	7.7
20	16.4	25.4	20.4	78.2	18.980	16.7	0.0	0.0	0.0	7.7
21	17.0	26.5	20.6	80.3	19.631	17.2	0.4	0.0	0.4	4.7
22	17.0	24.4	19.6	83.2	19.576	17.1	0.8	0.0	0.8	2.2
23	14.6	26.5	19.6	80.8	18.575	16.3	0.1	2.0	2.1	4.5
24	15.0	24.5	19.3	83.7	18.791	16.5	0.0	0.0	0.0	2.1
25	15.5	24.5	19.3	82.8	18.549	16.3	0.0	0.0	0.0	2.3
26	13.0	26.3	19.1	82.3	18.096	15.9	0.0	0.0	0.0	5.1
27	17.3	24.5	20.4	83.8	20.246	17.7	0.0	0.0	0.0	4.6
28	16.3	25.0	19.6	83.3	19.107	16.8	3.9	0.0	3.9	5.5
29	16.5	24.5	19.0	83.2	18.766	16.5	5.7	12.7	18.4	3.3
30	15.5	23.5	17.7	97.6	20.004	17.5	11.0	0.0	11.0	1.4
PROM.	15.8	25.0	19.7	83.1	19.118	16.8	70.2	24.9	95.1	132.0

ESTACION: JULIO FERNANDEZ

MUNICIPIO: RESTREPO

AÑO: 1.961

ALTITUD: 1.360

LATITUD: 3-49 N.

LONGITUD: 76-31 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	15.5	24.5	18.7	96.0	20.559	17.9	5.4	0.8	6.2	4.4
2	16.0	25.6	19.8	83.2	19.758	17.3	2.2	5.6	7.8	5.7
3	16.3	24.5	19.8	90.0	21.556	18.6	0.0	0.0	0.0	5.5
4	16.0	24.0	18.8	88.5	19.480	17.1	0.0	0.0	0.0	8.4
5	13.6	25.3	18.9	84.6	18.634	16.3	0.0	0.0	0.0	2.5
6	14.6	26.4	19.1	84.4	19.377	17.0	1.6	0.0	1.6	4.6
7	13.6	27.5	20.3	83.6	19.721	17.2	0.0	0.0	0.0	8.2
8	16.2	26.2	20.1	87.7	21.027	18.3	0.0	0.0	0.0	8.3
9	17.3	25.0	19.4	89.0	20.560	17.9	0.0	0.0	0.0	7.9
10	15.4	24.5	19.2	88.0	19.618	17.2	0.5	1.8	2.3	4.5
11	15.2	25.0	19.9	86.4	20.229	17.6	0.0	2.5	2.5	5.2
12	16.2	24.8	19.6	86.5	19.913	17.4	0.0	0.0	0.0	6.4
13	15.6	24.0	19.0	90.5	19.973	17.5	0.0	0.0	0.0	1.5
14	15.2	24.5	19.2	90.8	20.164	17.6	2.2	1.3	3.5	5.8
15	16.0	25.5	19.5	91.8	21.228	18.4	2.9	0.0	2.9	5.2
16	13.5	24.0	18.2	91.8	19.498	17.1	0.0	1.9	1.9	5.2
17	15.6	22.6	18.4	89.9	19.353	17.0	1.5	0.0	1.5	1.5
18	14.6	25.0	18.9	86.1	19.116	16.8	0.0	0.0	0.0	6.7
19	13.6	27.2	19.7	82.8	18.976	16.7	0.0	0.0	0.0	7.4
20	15.6	25.4	18.1	87.6	18.588	16.3	3.4	0.7	4.1	3.3
21	14.3	26.8	19.5	83.8	19.129	16.8	0.0	0.0	0.0	8.0
22	16.2	28.0	20.9	83.3	20.533	17.9	0.0	0.0	0.0	8.5
23	17.4	27.0	20.6	79.1	19.339	17.0	0.0	0.0	0.0	10.3
24	17.2	30.0	21.3	77.9	18.667	16.4	0.0	0.0	0.0	8.5
25	14.4	27.0	19.8	81.6	18.810	16.5	0.0	0.0	0.0	9.3
26	15.3	26.2	19.7	80.0	18.494	16.2	0.0	0.0	0.0	8.5
27	15.0	26.0	20.6	84.6	20.740	18.0	0.0	0.0	0.0	6.4
28	16.4	25.7	20.1	86.2	20.877	18.2	0.0	0.0	0.0	6.3
29	16.2	25.6	19.6	74.1	16.839	14.8	0.0	0.0	0.0	4.0
30	15.9	26.6	20.5	81.9	20.206	17.5	0.0	0.0	0.0	7.5
31	17.0	26.5	20.6	85.5	21.299	18.4	0.0	0.0	0.0	4.6
PROM.	15.5	25.7	19.6	85.7	19.757	17.3	19.7	14.6	34.3	189.9

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	16.2	26.3	20.6	86.4	21.783	18.8	0.0	0.0	0.0	9.8
2	16.5	25.0	20.1	87.9	20.920	18.2	0.0	0.0	0.0	1.5
3	17.0	26.5	20.2	88.7	21.357	18.5	0.0	0.0	0.0	3.6
4	15.9	26.5	20.3	83.1	19.969	17.4	0.0	0.0	0.0	8.8
5	15.6	27.0	20.9	87.6	22.167	19.1	0.0	0.0	0.0	9.1
6	17.6	26.5	20.6	88.7	21.896	18.9	0.0	0.0	0.0	3.3
7	16.0	24.6	19.4	87.0	19.967	17.5	2.0	0.0	2.0	6.1
8	14.6	26.0	19.7	86.6	19.920	17.3	0.0	0.0	0.0	7.2
9	17.2	26.2	20.7	87.5	21.334	18.5	0.3	0.0	0.3	4.9
10	16.0	27.5	20.5	82.5	20.117	17.6	0.0	0.5	0.5	8.4
11	17.0	25.5	19.6	86.7	20.335	17.9	0.0	0.0	0.0	2.3
12	15.2	23.6	18.3	90.0	19.188	16.9	9.4	1.2	10.6	0.6
13	15.0	25.6	19.4	85.5	19.434	17.0	0.0	0.0	0.0	4.2
14	15.2	25.3	19.7	88.1	20.357	17.7	0.0	0.0	0.0	4.6
15	15.0	25.3	19.2	87.9	19.756	17.3	0.0	0.0	0.0	4.8
16	15.0	24.0	19.4	86.4	19.779	17.3	0.0	0.0	0.0	4.5
17	16.2	25.3	19.4	86.9	19.933	17.4	0.0	4.5	4.5	3.0
18	15.0	26.0	19.7	87.4	20.541	17.9	0.0	0.0	0.0	4.4
19	15.6	26.5	20.0	86.1	20.216	17.7	0.0	2.7	2.7	7.7
20	16.0	27.0	20.7	84.1	20.502	17.9	2.2	0.0	2.2	6.3
21	16.0	23.3	19.1	83.7	18.563	16.3	1.0	0.0	1.0	2.7
22	15.6	25.6	19.4	87.0	19.868	17.4	0.4	0.0	0.4	4.0
23	15.6	25.4	19.8	85.1	19.318	16.9	0.0	0.0	0.0	4.3
24	14.0	25.0	19.4	86.2	19.723	17.3	2.7	0.6	3.3	5.5
25	14.6	24.0	19.0	87.0	19.303	16.9	0.3	0.0	0.3	2.0
26	15.0	25.6	19.3	84.3	18.912	16.6	0.0	6.5	6.5	7.1
27	15.0	25.4	19.7	89.4	20.606	17.9	0.0	0.0	0.0	7.4
28	16.6	25.4	20.5	88.1	21.575	18.7	0.0	5.4	5.4	6.6
29	16.0	24.2	19.5	87.9	20.098	17.6	0.0	8.6	8.6	5.0
30	14.0	24.7	18.7	84.4	18.156	16.0	0.0	0.0	0.0	6.5
31	16.0	25.0	18.9	86.5	19.205	16.8	1.2	0.1	1.3	1.6
PROM	15.7	25.5	19.7	86.7	20.155	17.6	19.5	65.5	85.0	163.4

ESTACION: JULIO FERNANDEZ

MUNICIPIO: RESTREPO

AÑO: 1.961

ALTITUD: 1.360

LATITUD: 3-49 N.

LONGITUD: 76-31 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	23.5	18.4	88.3	18.847	16.6	0.1	0.0	0.1	1.7
2	15.0	25.0	19.2	86.1	19.392	17.0	3.1	0.0	3.1	6.1
3	14.4	24.2	19.0	87.4	19.469	17.1	0.0	0.0	0.0	6.5
4	13.6	25.5	19.1	86.9	19.645	17.1	2.1	0.2	2.3	6.8
5	15.0	25.0	18.0	92.0	19.065	16.7	3.7	0.0	3.7	4.7
6	15.0	24.4	19.6	87.2	20.016	17.5	0.0	1.2	1.2	4.2
7	16.0	26.9	20.2	82.7	19.649	17.2	0.0	0.0	0.0	4.1
8	15.3	25.4	19.4	86.3	19.469	17.1	0.8	7.6	8.4	4.1
9	13.6	25.2	19.2	84.8	18.794	16.5	0.0	0.0	0.0	6.9
10	16.0	25.5	19.5	84.7	19.563	17.1	0.0	21.6	21.6	5.8
11	16.0	25.5	19.5	83.8	18.942	16.7	10.0	0.0	10.0	3.7
12	14.5	26.4	20.1	84.7	19.915	17.4	0.0	0.0	0.0	8.4
13	15.5	27.9	20.4	79.9	18.716	16.4	0.0	0.0	0.0	3.4
14	15.6	26.4	19.9	83.0	19.357	17.0	0.0	40.4	40.4	5.0
15	16.6	27.2	20.0	84.3	19.913	17.4	19.5	0.0	19.5	4.6
16	14.5	27.5	19.4	86.5	19.449	17.1	8.8	0.0	8.8	6.7
17	14.5	28.1	20.6	78.2	18.347	16.1	0.0	0.0	0.0	9.8
18	17.3	27.9	21.2	79.3	19.961	17.5	0.0	1.2	1.2	1.9
19	17.0	25.0	19.7	84.9	20.153	17.6	20.3	0.0	20.3	5.9
20	16.0	27.5	20.5	82.3	19.618	17.1	0.0	0.0	0.0	4.6
21	17.5	26.6	20.8	84.5	20.990	18.3	0.0	0.0	0.0	6.7
22	15.0	26.7	20.2	85.3	20.128	17.6	0.0	0.0	0.0	7.3
23	13.6	27.7	20.4	84.8	20.217	17.6	0.0	0.0	0.0	9.1
24	15.2	28.0	21.4	82.4	20.806	18.1	0.0	0.0	0.0	2.2
25	17.0	24.5	19.0	89.9	20.020	17.5	0.0	0.0	0.0	6.8
26	17.0	27.0	20.1	87.4	20.645	18.0	0.0	0.0	0.0	2.2
27	17.5	26.6	20.7	86.1	21.413	18.6	0.0	0.0	0.0	6.8
28	16.5	26.5	20.8	84.5	20.978	18.3	0.0	3.1	3.1	7.9
29	17.0	26.8	20.6	86.4	21.269	18.5	0.0	4.2	4.2	6.8
30	16.1	26.0	20.3	87.8	21.152	18.4	0.0	10.6	10.6	0.5
PROM.	15.6	26.2	19.9	85.1	19.863	17.4	68.4	90.1	158.5	161.2

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	17.0	25.8	20.3	82.7	19.586	17.2	1.0	0.0	1.0	2.4
2	17.0	26.3	20.0	85.6	20.205	17.7	0.1	0.1	0.2	4.7
3	17.0	24.0	19.1	85.2	19.340	17.0	0.5	0.5	1.0	1.7
4	14.6	24.5	18.9	87.9	19.075	16.7	0.0	0.0	0.0	5.9
5	17.0	25.0	20.2	86.3	20.753	18.0	0.0	0.0	0.0	8.2
6	16.0	26.8	20.4	85.3	20.697	18.0	0.0	0.0	0.0	3.1
7	15.8	27.0	20.6	82.9	20.096	17.6	0.0	3.4	3.4	5.4
8	17.0	23.5	19.0	91.1	20.116	17.6	2.1	0.0	2.1	2.0
9	16.6	25.5	19.3	88.6	20.062	17.5	0.0	17.6	17.6	3.8
10	16.5	24.5	18.8	89.8	19.720	17.3	0.0	0.0	0.0	3.3
11	15.3	24.9	18.6	88.5	18.788	16.5	0.4	0.6	1.0	4.1
12	16.3	26.9	20.1	85.9	20.392	17.8	0.5	1.7	2.2	6.7
13	15.6	24.4	18.6	96.4	20.509	17.9	1.4	0.0	1.4	5.0
14	15.0	26.0	19.4	83.1	18.856	16.5	4.2	18.6	22.8	3.2
15	16.3	25.6	19.5	84.9	19.341	17.0	0.0	0.0	0.0	8.1
16	16.5	26.5	19.7	80.5	19.073	16.7	0.0	1.0	1.0	5.5
17	17.0	26.8	20.5	85.1	20.941	18.2	0.1	0.7	0.8	6.6
18	17.5	24.3	18.9	91.3	19.984	17.5	9.3	0.0	9.3	0.0
19	16.1	26.0	19.6	82.9	19.164	16.3	0.0	0.0	0.0	7.3
20	16.8	26.0	20.1	88.1	21.052	18.3	0.0	0.0	0.0	7.6
21	17.0	26.5	20.4	82.0	19.751	17.3	0.0	1.2	1.2	6.6
22	16.8	25.3	19.4	87.0	19.821	17.4	0.0	0.0	0.0	4.5
23	15.5	24.1	18.8	88.6	19.423	17.0	0.0	0.0	0.0	1.1
24	16.5	24.3	19.2	85.6	19.100	16.8	0.0	0.0	0.0	2.5
25	16.6	26.5	20.0	87.8	20.815	18.1	3.0	0.0	3.0	4.4
26	16.4	21.5	17.6	93.7	19.035	16.7	3.0	0.0	3.0	0.1
27	13.4	25.7	19.0	85.0	18.549	16.2	0.0	0.2	0.2	6.6
28	16.6	26.0	20.3	85.3	20.497	17.9	0.0	1.1	1.1	3.9
29	16.0	25.4	18.7	95.4	20.612	18.0	0.3	23.7	24.0	6.5
30	17.0	21.5	18.9	92.2	20.240	17.7	23.2	0.0	23.2	0.3
31	16.0	25.0	19.4	92.3	21.300	18.4	0.3	41.6	41.9	4.3
PROM.	16.3	25.5	19.5	87.3	19.902	17.4	49.4	112.0	161.4	135.6

ESTACION: JULIO FERNANDEZ
 ALTITUD: 1.360

MUNICIPIO: RESTREPO
 LATITUD: 3-49 N.

AÑO: 1.981
 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	16.3	24.0	18.8	81.8	17.932	15.7	0.0	0.0	0.0	1.6
2	12.5	26.0	18.9	87.9	19.309	16.9	0.0	0.3	0.3	8.8
3	15.6	25.4	20.0	86.9	20.430	17.8	0.1	0.0	0.1	7.4
4	16.0	23.3	18.3	90.8	20.795	18.1	1.3	4.8	6.1	7.7
5	16.0	25.5	19.8	86.0	19.978	17.5	0.0	0.0	0.0	5.9
6	16.4	26.0	19.9	86.7	20.245	17.7	0.0	0.0	0.0	7.8
7	17.0	25.5	18.7	92.5	20.562	17.9	4.3	1.7	6.0	3.6
8	16.4	25.0	19.5	88.4	20.277	17.7	5.7	0.0	5.7	3.9
9	16.8	24.8	18.5	92.0	19.811	17.3	0.0	0.0	0.0	5.5
10	16.6	25.4	19.6	81.6	18.559	16.3	0.2	0.0	0.2	4.8
11	15.3	25.8	20.0	85.8	20.251	17.7	0.0	5.1	5.1	7.3
12	17.0	24.5	19.0	91.8	20.334	17.7	1.7	0.2	1.9	3.7
13	17.0	23.7	18.6	95.2	20.732	18.1	6.5	12.4	18.9	1.2
14	16.8	24.8	20.0	83.8	19.438	17.2	1.5	1.2	2.7	3.4
15	17.0	24.7	18.7	93.4	20.484	17.9	0.4	0.4	0.8	3.3
16	16.8	23.9	19.2	88.3	19.908	17.4	0.0	0.0	0.0	2.5
17	16.4	26.0	20.0	84.6	19.675	17.2	0.8	0.0	0.8	6.0
18	17.4	24.0	19.0	90.4	20.210	17.7	6.0	0.8	6.8	3.6
19	17.3	25.5	19.6	88.7	20.731	18.1	0.2	0.3	0.5	5.1
20	16.6	24.8	18.9	87.6	19.492	17.1	8.7	5.9	14.6	3.2
21	16.5	23.4	19.5	85.2	19.754	17.3	0.1	0.0	0.1	2.7
22	15.6	25.4	19.0	82.5	18.379	16.2	5.6	0.0	5.6	3.9
23	16.3	25.8	19.8	82.2	19.235	16.9	0.0	0.0	0.0	5.8
24	16.7	25.8	19.4	87.9	19.961	17.5	0.0	19.9	19.9	5.7
25	16.5	26.4	19.9	85.5	19.725	17.3	0.0	0.0	0.0	4.7
26	17.0	25.8	20.3	86.1	20.604	18.0	0.0	5.4	5.4	8.0
27	16.0	23.6	18.8	87.4	19.232	16.9	1.9	0.0	1.9	0.0
28	14.1	25.1	19.1	84.7	18.646	16.4	0.2	0.8	1.0	2.5
29	15.1	24.0	17.9	92.0	19.042	16.7	1.0	2.2	3.2	0.0
30	14.5	24.5	19.0	87.9	19.521	17.1	0.0	0.0	0.0	2.3
PROM.	16.2	24.9	19.3	87.7	19.782	17.3	46.2	61.4	107.6	131.9

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	15.0	25.6	19.3	85.7	19.478	17.1	0.0	3.1	3.1	5.3
2	16.4	25.4	19.9	88.1	20.636	18.0	0.0	0.0	0.0	5.0
3	16.6	26.8	20.5	85.5	20.843	18.1	0.0	0.0	0.0	8.9
4	14.8	25.0	20.2	86.4	20.851	18.2	0.0	0.2	0.2	1.4
5	17.1	23.8	19.1	89.4	20.090	17.6	0.8	30.0	30.8	
6	16.8	25.6	19.5	86.5	19.686	17.2	0.0	0.0	0.0	3.1
7	15.6	26.2	19.3	88.0	20.242	17.7	0.0	0.0	0.0	8.1
8	15.0	26.5	19.7	85.0	19.710	17.2	0.0	0.0	0.0	7.8
9	16.8	25.0	19.6	89.9	20.785	18.1	1.2	0.0	1.2	5.4
10	17.0	24.1	19.2	87.4	19.736	17.3	0.0	0.0	0.0	1.8
11	16.0	22.4	18.6	95.4	20.883	18.2	1.2	0.0	1.2	0.4
12	16.8	26.0	19.4	92.1	20.915	18.2	3.0	0.0	3.0	4.2
13	17.3	26.4	19.5	93.2	21.308	18.5	3.3	0.0	3.3	6.7
14	17.3	25.4	20.1	81.6	19.485	17.1	0.0	0.0	0.0	5.1
15	16.0	25.5	18.7	93.3	20.327	17.7	1.6	1.6	3.1	5.8
16	16.8	25.5	19.5	87.1	19.936	17.5	0.0	0.0	0.0	
17	17.4	25.5	20.3	88.4	21.362	18.5	0.0	0.0	0.0	4.5
18	17.0	25.3	19.6	85.5	19.648	17.2	0.0	10.1	10.1	8.2
19	16.3	26.0	20.0	85.2	20.110	17.6	0.0	6.6	6.6	5.8
20	17.1	25.6	20.1	84.4	20.214	17.7	0.1	0.0	0.1	4.2
21	17.3	25.6	19.6	84.9	19.561	17.1	0.5	4.0	4.5	2.9
22	15.6	25.0	18.3	92.8	19.851	17.4	0.0	0.0	0.0	4.8
23	14.4	25.0	19.9	86.9	20.274	17.7	0.0	0.0	0.0	7.7
24	16.5	25.2	20.4	85.5	20.976	18.3	0.0	0.0	0.0	7.5
25	16.6	25.0	20.0	85.8	20.149	17.6	0.0	0.0	0.0	4.6
26	14.4	27.0	19.4	84.8	18.956	16.6	0.0	2.7	2.7	8.4
27	17.8	25.6	20.4	84.8	20.797	18.1	1.6	0.0	1.6	5.9
28	17.0	26.5	20.6	85.9	20.948	18.2	0.0	0.2	0.2	8.2
29	15.5	20.0	17.8	94.7	19.539	17.1	11.1	1.0	12.1	6.0
30	13.5	25.1	19.5	82.0	18.640	16.4	0.0	0.0	0.0	
31	15.6	24.5	19.3	86.6	19.484	17.1	0.0	0.0	0.0	2.5
PROM.	16.2	25.2	19.6	87.5	20.175	17.6	24.3	59.5	83.8	

ESTACION: JULIO FERNANDEZ

MUNICIPIO RESTREPO

AÑO: 1.981

ALTITUD: 1.360

LATITUD: 3-49 N.

LONGITUD: 76-31 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto roceo °C	PRECIPITACION		Brillo solar horas	
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días fluvias		
ENERO	15.5	25.6	19.6	12.5	27.0	80.0	18.340	16.1	14.0	8	206.9	
FEBRERO	16.7	25.9	20.1	14.0	28.0	80.1	18.874	16.6	49.3	16	146.6	
MARZO	16.3	25.7	20.1	14.0	28.5	78.9	18.476	16.2	60.3	18	160.5	
ABRIL	16.8	25.5	20.3	14.5	27.5	81.0	19.294	16.9	174.1	23	112.4	
MAYO	16.6	25.1	19.7	14.5	29.0	82.9	19.105	16.7	219.1	27	114.3	
JUNIO	15.8	25.0	19.7	13.0	27.9	83.1	19.118	16.8	95.1	18	132.0	
JULIO	15.5	25.7	19.6	13.5	30.0	85.7	19.757	17.3	34.3	10	189.9	
AGOSTO	15.7	25.5	19.7	14.0	27.5	86.7	20.155	17.6	85.0	16	163.4	
SEPTIEMBRE	15.6	26.2	19.9	13.6	28.1	85.1	19.863	17.4	158.5	16	161.2	
OCTUBRE	16.3	25.3	19.5	13.4	27.0	87.3	19.902	17.4	161.4	21	135.6	
NOVIEMBRE	16.2	24.9	19.3	12.5	26.4	87.7	19.782	17.3	107.6	22	131.9	
DICIEMBRE	16.2	25.2	19.6	13.5	27.0	87.5	20.175	17.6	83.8	16		
PROMEDIO	16.1	25.5	19.8	13.6	27.8	0.5	19.403	17.0				
TOTAL										1242.5	211	

ESTACION: MESITAS DE SANTA INES

MUNICIPIO: CACHIPAY

AÑO: 1.981

ALTITUD: 1.250

LATITUD: 4-40 N.

LONGITUD: 74-28 W.

L L U V I A E N M I L I M E T R O S													
DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1		1.0	0.4	0.0	4.6	10.5	0.0	0.0	0.0	2.2	0.0	0.0	
2	2.5	0.0	0.0	0.0	3.5	2.6	0.7	0.0	0.4	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	15.1	0.0	
4	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	12.1	0.0	
5	0.0	0.0	0.0	16.9	3.3	0.0	10.0	0.0	0.0	0.0	0.0	14.1	
6	0.0	0.0	10.0	0.0	4.8	22.6	0.0	0.0	23.0	1.0	0.0	10.0	
7	0.0	0.0	0.0	0.0	3.5	1.7	0.0	0.0	7.8	2.6	0.0	0.0	
8	59.0	0.0	0.0	0.0	11.1	0.0	0.0	0.0	1.5	35.7	15.2	2.1	
9	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	8.6	0.0	0.0	
10	0.0	0.0	4.0	0.0	0.5	0.0	1.5	0.0	0.0	0.0	0.0	0.0	
11	0.0	48.0	0.0	0.0	4.1	2.1	0.0	0.0	0.0	0.0	15.6	13.0	
12	0.0	37.1	15.1	10.6	1.0	4.6	0.0	0.0	80.2	0.0	0.0	0.0	
13	0.0	4.4	0.0	3.9	2.6	0.7	0.0	0.0	0.0	2.2	10.0	0.0	
14	0.0	29.0	2.1	5.5	0.0	0.0	0.8	0.0	24.2	6.8	0.0	0.0	
15	0.0	0.0	0.0	25.4	14.2	1.0	0.0	0.0	0.5	6.8	17.9	0.0	
16	0.0	0.0	0.0	11.4	10.3	0.0	0.0	0.9	0.0	4.4	3.0	0.0	
17	0.0	17.0	0.0	1.7	2.0	0.0	0.0	0.4	0.0	2.2	4.0	0.0	
18	0.0	10.0	0.0	53.3	3.3	27.4	9.7	1.7	0.1	0.0	2.5	0.0	
19	0.0	10.1	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	8.1	4.0	
20	0.0	11.2	0.0	4.4	0.0	0.8	0.0	5.3	0.0	0.0	3.5	28.8	
21	0.0	1.0	0.5	23.5	0.2	1.0	0.0	2.2	0.3	0.0	0.0	104.2	
22	0.0	1.5	0.0	0.3	0.3	1.1	0.0	0.9	0.0	0.9	6.6	0.2	
23	0.0	6.5	0.0	12.0	4.9	0.1	0.0	6.3	0.0	34.8	4.0	0.0	
24	0.0	1.1	0.0	7.9	0.5	0.0	0.0	0.0	11.9	0.2	4.0	0.0	
25	0.0	2.4	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	3.4	0.3	
26	0.0	0.4	4.5	0.1	5.2	0.7	0.0	0.0	0.0	8.1	0.1	0.0	
27	0.0	0.0	0.0	6.4	14.2	0.0	0.0	0.0	0.0	0.0	29.4	0.0	
28	0.0	0.0	0.0	6.1	32.1	0.0	0.0	0.0	0.1	10.8	4.6	0.0	
29	1.9	0.0	24.3	28.6	1.7	0.0	0.0	4.4	1.2	1.4	17.9	0.0	
30	0.3	0.0	0.1	0.1	3.6	37.3	0.0	0.5	2.3	4.6	0.0	1.1	
31	0.0	0.0	0.0	0.0	0.9	0.0	0.0	24.8	0.0	3.2	0.0	26.4	
Total	104.6	183.6	62.7	234.0	213.4	115.1	40.9	200.9	45.4	195.6	227.1	208.7	
D. L.	6	17	11	22	26	15	8	16	14	18	25	11	
TOTALES ANUALES								1832.0		m.m.		189	Días fluvia

B R I L L O S O L A R E N H O R A S												
DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	1.2	4.0	6.1	7.0	3.9	0.0	3.4	6.1	0.3	1.7	3.8	5.1
2	3.1	7.8	5.7	6.6		4.8	4.5	7.8	2.7	6.5	7.8	4.5
3	7.7	4.4	3.5	5.5		5.8	4.3	4.5	6.2	2.1	3.7	4.4
4	7.9	2.9	8.1	1.1		5.0	4.6	6.7	3.8	3.5	2.3	4.6
5	8.0	6.2	2.1	0.2		8.9	3.9	8.8	3.5	5.5	5.2	2.8
6	5.3	4.4	0.9	3.0		4.3	4.3	7.7	0.0	0.0	5.0	4.4
7	2.0	7.7	1.6	3.0		0.1	2.9	2.5	5.2	9.6	3.3	7.4
8	4.3	7.5	1.7	0.1		3.1	5.8	2.1	5.5	2.3	4.5	5.8
9	4.7	2.6	0.6	0.8	0.6	1.6	3.6	3.4	4.9	4.2	4.5	4.7
10	9.9	6.7	1.5	0.8	2.1	0.7	3.5	9.3	4.3	4.2	6.6	4.8
11	5.8	8.4	3.7	3.1	5.7	1.5	6.5	0.0	0.1	5.7	6.3	2.8
12	4.4	3.3	2.2	4.0		2.0	7.0	4.2	8.4	2.5	3.9	3.6
13	7.2	5.5	4.3	1.7	4.1	0.1	7.7	2.2	6.6	4.1	2.4	1.0
14	3.0	3.7	1.8	1.3	2.3	4.9	3.9	3.9	2.0	0.7	1.4	1.9
15	7.7	3.8	5.8	0.0	4.3	4.9	2.8	2.9	0.1	4.3	3.8	6.1
16	8.0	3.3	4.4	0.3	0.2	8.9	2.4	8.1	7.1	2.1	1.1	8.9
17	9.9	3.0	0.0	0.3	7.7	0.0	1.3	2.5	4.3	2.9	2.9	2.2
18	4.4	3.5	6.6	6.5	8.3	1.2	7.6	7.5	5.4	0.0	4.0	5.8
19	2.2	1.1	4.5	0.3		5.3	5.4	5.2	1.7	4.8	4.9	5.8
20	8.6	2.2	6.7	0.7	5.4	7.1	6.2	9.6	6.3	8.3	1.1	0.0
21	7.5	6.4	7.6	8.6		8.7	9.5	5.6	2.2	6.6	3.3	0.0
22	7.2	4.6	2.6		6.0	4.9	6.3	3.1	7.6	0.8	2.1	0.0
23	9.0	0.2	5.9			3.4	10.1	4.2	8.1	3.4	1.8	3.2
24	6.2	2.1	5.1	3.9	4.3	0.4	9.0	5.8	3.8	0.3	4.1	1.3
25	3.1	0.0	6.6	7.9	5.0	4.6	8.8	1.9	9.2	4.9	7.5	4.7
26	5.8	9.4	3.8	2.3		3.8	9.5	8.1	7.4	5.3	7.8	3.9
27	7.7	0.0	5.0	0.5	1.1	1.6	9.9	8.7	5.2	0.0	4.5	2.6
28	6.9	3.9	6.6	1.8	3.8	7.3	9.1	8.1	6.5	1.5	2.4	4.3
29	5.8	0.0	4.4	3.4	9.0	4.7	5.0	3.6	4.5	4.1	2.3	0.3
30	4.6	0.0	8.3	0.7	6.6	0.2	4.9	3.2	6.9	6.2	2.1	4.2
31	3.1	0.0	6.7	0.0	7.3	0.0	6.9	0.8	0.0	0.1	0.0	2.5
Total	182.1	115.5	146.0			109.0	173.6	158.8	138.8	107.4	114.4	115.9
TOTAL ANUAL -												

ESTACION: LA UNION

MUNICIPIO: LA UNION

AÑO: 1.981

ALTITUD: 1.800

LATITUD: 1-37 N.

LONGITUD: 77-09 W.

L L U V I A E N M I L I M E T R O S												
DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	22.7	0.7	0.0	0.0	0.0	0.0		0.0	0.0	0.0	16.0	7.0
2	1.0	0.0	1.4	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
3	0.0	16.0	15.5	0.0	0.2	0.0		0.0	0.0	10.0	0.0	0.0
4	0.0	1.4	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	12.0
5	0.0	4.4	76.0	9.1	0.0	0.0		0.0	0.0	0.0	0.0	20.0
6	0.0	0.0	23.7	0.6	11.6	0.0		0.0	0.0	0.0	0.0	0.0
7	17.1	5.3	7.2	0.0	3.3	0.0		0.0	0.0	6.0	4.2	0.0
8	13.6	12.2	0.0	0.0		0.0		0.0	0.0	31.0	7.0	0.0
9	0.0	7.8	0.0	0.0		0.0		0.0	0.0	5.0	10.0	0.0
10	0.0	0.0	59.3	6.9		0.0		0.0	0.0	4.0	16.0	0.0
11	0.0	35.0	5.6	0.0		8.0		3.2	0.0	45.0	1.0	11.0
12	0.0	8.6	1.2	16.4		4.0		0.0	1.0	12.0	8.0	0.0
13	0.0	0.0	24.4	0.0		0.0		0.0	28.0	10.0	30.0	0.0
14	0.0	0.0	0.0	0.6		0.0		0.0	0.0	42.0	27.0	12.0
15	0.0	0.0	0.0	0.0		0.0		0.0	0.0	40.0	16.0	2.0
16	0.0	0.0	17.3	17.1		12.0		13.0	0.0	4.0	44.0	0.0
17	4.1	30.3	3.0	12.9		0.0		19.0	0.0	3.0	7.0	0.0
18	19.2	0.0	3.8	39.7		1.0		10.0	0.0	0.0	0.0	0.0
19	2.0	19.0	0.0	12.9		0.0		0.0	0.0	0.0	30.0	22.0
20	0.0	3.6	10.4	0.7		0.0		0.0	0.0	0.0	4.0	22.0
21	0.0	11.8	0.8	1.1		0.0		20.0	0.0	0.0	7.0	23.0
22	0.0	1.9	0.6	20.7		0.0		0.0	0.0	14.0	0.0	0.0
23	0.0	23.4	27.0	17.1		0.0		26.0	0.0	0.0	5.0	0.0
24	0.1	0.0	0.0	7.0		0.0		50.0	0.0	0.0	0.0	0.0
25	5.1	0.0	11.4	2.5		0.0		1.0	0.0	0.0	55.0	72.0
26	0.0	0.0	0.0	0.0		0.0		0.0	0.0	5.0	0.0	0.0
27	0.0	0.0	0.0	39.0		0.0		0.0	0.0	0.0	0.0	1.0
28	0.0	0.0	0.2	10.6		0.0		2.0	0.0	30.0	0.0	0.0
29	41.1	0.0	7.0	5.2		0.0		53.0	0.0	0.0	0.0	100.0
30	11.9	0.0	0.0	13.5		51.0		0.0	0.0	0.0	16.0	0.0
31	5.8	0.0	0.0	0.0		0.0		0.0	0.0	14.0	0.0	0.8
Total	156.5	155.3	340.1	234.8		76.0		187.2	29.0	225.0	303.2	304.0
D. LI.	15	17	23	20	4	5		9	2	16	18	12
TOTALES ANUALES										m.m.		D. LI.

B R I L L O S O L A R E N H O R A S												
DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	3.4	3.6	9.2	3.7	7.9			2.6	5.7	2.4	3.8	1.2
2	1.7	0.3	0.2	3.9	5.8			3.4	9.1	8.1	3.0	2.4
3	2.3	0.7	6.9	4.3	6.8			4.4	7.2	1.3	6.6	2.5
4	8.8	0.3	8.6	6.1	3.0			3.5	8.1	2.4	4.4	3.4
5	7.9	5.5	5.3	4.8	1.9			5.4	5.3	5.3	4.6	0.3
6	2.6	4.3	0.2	4.6	1.2			6.6	10.7	5.7	1.2	0.0
7	0.1	5.5	1.4	4.4	3.5			8.9	5.2	3.5	4.0	0.8
8	0.1	1.4	0.1	2.2				5.4	4.2	8.6	1.4	3.7
9	2.4	1.8	0.0	8.0				6.7	4.6	7.6	0.8	5.7
10	4.9	2.6	1.8	7.9		6.7		10.0	7.1	0.8	1.7	6.3
11	3.9	5.3	0.0	3.2		5.2		5.1	3.6	3.7	3.7	1.8
12	2.5	0.4	2.5	3.1		2.4		8.9	2.3	9.7	2.5	1.6
13	3.0	2.3	2.6	0.9		2.4		6.0	6.9	7.0	5.0	2.8
14	2.2	0.2	0.7	3.0		6.2		7.0	4.2	6.9	3.0	4.6
15	3.6	3.8	4.1	4.7		4.5		7.2	3.8	2.6	1.9	3.6
16	5.2	3.6	4.9	3.4		8.3		5.7	4.6	9.1	3.6	3.3
17	4.6	0.3	4.6	0.5		0.7		2.4	3.3	7.6	3.2	2.9
18	2.7	1.3	0.5	0.8		7.5		3.0	6.5	4.4	3.0	2.6
19	4.9	1.3	4.3	0.3		2.3		9.8	4.6	7.0	7.6	1.7
20	6.2	3.8	3.3	4.3		6.3		10.8	6.7	6.8	9.6	1.6
21	6.8	3.4	2.3	5.2		4.7		10.8	5.7	9.6	3.3	1.0
22	5.1	1.6	2.5	5.5		6.9		10.7	9.1	9.5	5.2	1.6
23	7.0	2.5	2.3	4.3		1.7		11.5	7.3	9.0	0.5	3.4
24	5.4	1.7	4.8	3.6		8.1		10.5	4.3	7.0	2.2	1.4
25	4.7	3.7	6.1	8.4		8.7		10.8	1.1	8.8	5.6	3.7
26	4.3	7.7	0.2	4.1		5.2		11.5	5.8	7.2	3.6	0.5
27	7.0	6.1	4.5	3.3		6.5		11.0	8.2	1.2	3.9	5.5
28	5.9	3.3	7.1	0.8		6.5		10.3	7.1	9.6	4.5	3.6
29	0.9	0.0	0.7	3.0		2.6		10.3	0.2	8.0	2.2	4.0
30	1.8	0.0	7.1	2.0		1.2		11.1	2.6	2.8	0.0	2.1
31	1.2	0.0	7.7	0.0		0.0		9.6	0.0	3.6	0.0	6.4
Total	123.1	78.3	106.5	114.3			235.9		194.5	109.0	95.4	85.9
TOTAL ANUAL -1453.5												

ESTACION: EL SENA
 ALTITUD: 1.550

MUNICIPIO: ARMENIA
 LATITUD: 4-32 N.

AÑO: 1.981
 LONGITUD: 75-40 N.

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												
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	70.1	219.3	330.7	420.7	515.4	236.0	113.2	171.1	67.2	225.7	488.2	292.5
D.LI.	8	16	24	23	23	11	14	16	11	22	24	18
TOTALES ANUALES								3150.1	m.m.		210	D.LI.

B R I L L O S O L A R E N H O R A S												
DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1												
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	170.4	111.3	118.2	74.3			169.0	125.6	89.0	69.8	91.9	88.9
TOTAL ANUAL -												

ESTACION: AGUAS BLANCAS

MUNICIPIO: SAN VICENTE AÑO: 1.981

1.981

ALTITUD: 1.200

LATITUD: 6-57 N.

LONGITUD: 73-26 W.

L L U V I A E N M I L I M E T R O S												
DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	1.3	0.0	0.0	0.0	16.0	34.6	0.0	0.5	22.3	0.5	4.9	0.0
2	0.3	0.2	0.0	0.0	5.9	0.0	0.0	13.7	0.4	0.0	0.0	0.5
3	0.0	0.0	2.3	0.0	31.0	0.6	0.3	5.6	8.8	11.7	4.2	0.0
4	0.0	0.0	4.4	35.9	8.9	0.0	9.2	2.2	10.5	0.7	2.6	8.7
5	0.0	0.0	41.5	3.9	1.7	0.0	14.5	5.9	0.0	0.0	4.0	32.6
6	0.0	0.0	16.5	0.0	1.1	17.5	1.0	0.0	0.0	0.5	0.0	0.8
7	0.0	0.0	0.0	1.1	30.4	5.3	0.0	9.2	0.2	0.0	7.0	0.0
8	0.0	19.6	0.0	0.2	20.7	18.8	0.3	9.4	4.3	1.9	4.5	0.2
9	0.0	0.0	0.0	0.7	3.4	1.4	5.9	0.6	0.0	1.9	0.0	0.0
10	0.0	0.0	0.0	0.0	8.0	0.6	13.3	1.4	21.5	1.8	0.0	0.0
11	0.4	1.6	0.0	4.7	0.0	18.8	4.1	51.3	1.2	30.1	30.8	0.0
12	0.4	0.0	0.0	10.6	0.0	4.1	0.6	10.7	5.8	0.8	2.5	0.2
13	24.1	0.0	55.4	43.1	1.6	2.3	4.2	17.1	0.0	0.0	17.6	0.0
14	3.8	1.1	51.2	10.5	8.0	0.1	6.2	0.0	0.0	1.3	0.3	0.0
15	0.0	1.0	0.5	1.5	10.7	0.0	2.8	9.0	11.1	4.3	0.4	0.0
16	0.0	0.0	0.0	7.1	7.3	0.3	0.8	0.0	3.1	5.8	0.5	0.0
17	0.4	0.0	0.3	0.0	29.2	3.2	6.7	2.8	1.7	0.0	0.0	0.0
18	0.0	0.2	0.0	40.7	0.0	1.0	1.9	12.6	1.4	1.0	0.0	0.0
19	0.0	15.0	0.0	18.5	3.5	1.5	0.0	0.0	0.4	0.4	1.8	0.3
20	1.1	3.4	0.0	0.0	2.5	3.0	1.5	0.0	2.3	0.0	1.9	0.0
21	0.0	0.0	11.3	23.8	23.6	6.0	0.0	26.4	0.0	5.3	3.4	0.0
22	0.0	35.5	0.0	9.3	5.9	8.6	0.0	0.0	1.8	5.8	0.0	0.0
23	0.0	13.2	31.7	0.0	0.0	1.0	10.7	36.8	18.3	12.5	0.6	0.0
24	0.0	0.0	3.2	8.9	37.6	19.3	0.8	24.3	0.0	9.0	0.0	0.0
25	26.3	4.3	0.0	0.0	0.0	2.3	0.0	2.2	0.3	0.0	0.0	0.0
26	3.1	0.0	0.0	12.9	0.0	0.3	1.6	4.6	1.2	4.0	0.0	0.0
27	0.0	6.9	0.0	0.0	9.3	0.5	0.0	0.0	5.7	17.1	2.0	0.0
28	28.1	0.0	0.2	17.1	6.8	8.2	1.0	0.0	0.0	0.0	0.0	0.0
29	0.1	0.0	0.0	7.1	0.0	25.4	0.5	11.7	0.0	16.4	0.5	0.0
30	4.7	0.0	0.0	31.7	27.3	0.0	1.8	4.3	0.5	3.3	0.0	3.2
31	0.0	0.0	0.0	0.0	0.9	0.0	3.3	3.2	0.0	8.8	0.0	3.6
Total	106.0	102.2	222.4	289.3	309.2	176.9	132.0	259.5	122.3	211.9	142.2	55.5
D.LI.	14	13	14	20	25	24	23	23	21	22	19	10
TOTALES ANUALES							2129.4		m.m.		228 D.LI.	

B R I L L O S O L A R E N H O R A S												
DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.4	3.4	7.5	8.9	2.3	1.7	4.1	9.3	0.5	1.9	3.5	3.8
2	2.7	4.8	0.7	4.7	3.4	1.0	5.3	6.2	7.4	7.9	3.9	2.7
3	4.5	3.0	2.9	3.1	1.3	4.7	6.6	2.4	2.6	0.9	7.7	5.6
4	5.6	6.0	5.8	1.5	3.3	3.8	3.2	8.3	6.8	3.9	2.1	2.9
5	7.1	5.7	2.6	0.0	0.5	6.6	1.9	7.3	6.6	2.8	3.1	3.6
6	3.7	3.0	0.7	4.6	2.4	0.8	7.0	5.3	1.6	6.5	4.8	0.3
7	5.4	3.8	2.7	3.4	5.4	3.0	8.7	5.9	3.2	5.7	3.0	1.5
8	1.6	6.3	0.1	0.7	6.9	2.7	8.5	4.0	3.6	1.2	5.2	4.6
9	4.2	2.6	2.4	0.2	1.4	0.7	3.6	5.4	6.2	3.4	0.0	2.4
10	5.2	8.6	0.0	5.6	5.5	2.0	5.1	8.7	3.7	3.3	4.8	0.6
11	6.2	6.9	5.6	4.7	4.6	2.0	4.2	4.4	6.9	0.6	3.8	0.7
12	4.6	3.9	3.8	0.8	3.5	1.3	7.3	1.4	5.1	1.0	6.5	0.4
13	2.2	4.2	2.3	5.6	5.3	1.1	6.6	3.8	8.8	6.2	3.7	3.7
14	6.5	3.8	3.4	0.6	1.0	5.3	3.2	6.1	3.5	4.1	3.5	4.2
15	5.9	3.1	2.2	1.2	5.8	3.7	7.6	7.4	0.4	1.0	3.7	3.8
16	7.1	3.2	6.0	7.0	3.3	1.0	6.6	8.0	5.5	3.9	0.7	3.6
17	7.6	3.5	3.9	4.5	1.4	4.0	0.8	0.5	6.6	9.4	2.5	3.7
18	5.9	3.5	3.3	8.3	1.6	0.1	6.1	3.5	6.6	1.7	4.8	5.4
19	5.8	1.7	5.5	0.0	6.5	1.9	5.4	5.7	7.0	3.5	4.3	1.8
20	7.1	1.8	2.6	4.2	7.4	5.7	2.5	6.4	8.4	5.3	1.8	0.0
21	8.5	6.4	3.0	4.2	5.4	0.8	5.6	8.2	9.7	6.2	4.2	1.5
22	6.6	2.1	0.8	4.9	6.8	3.7	6.9	1.0	7.1	3.6	0.2	3.3
23	0.0	0.0	1.9	4.6	4.6	2.3	7.3	0.7	7.8	1.7	3.3	2.7
24	3.3	0.0	4.0	2.0	4.1	4.0	9.1	7.3	8.4	0.0	4.9	3.2
25	5.0	1.0	4.4	3.8	0.4	5.3	8.0	3.9	7.7	2.0	4.3	1.5
26	6.6	1.1	4.4	2.8	2.8	8.2	8.2	0.5	1.5	1.6	7.4	2.2
27	6.4	8.0	5.1	4.0	2.5	5.0	10.3	9.4	2.0	3.7	5.0	3.2
28	4.7	7.3	1.5	1.5	7.3	4.4	7.4	8.0	7.0	2.1	5.2	1.6
29	0.4	0.0	4.4	1.0	2.9	5.0	4.4	3.5	5.6	7.4	1.2	0.0
30	0.4	0.0	4.4	1.0	4.9	1.1	7.1	4.6	5.6	0.8	1.5	1.0
31	3.3	0.0	4.3	0.0	1.0	0.0	6.6	4.0	0.0	2.1	0.0	3.1
Total	148.8	109.5	105.5	105.8	115.8	93.2	185.2	160.1	163.4	105.6	110.6	78.6
TOTAL ANUAL -1482.1												

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

ESTACION: LLANADAS

MUNICIPIO: MANZANARES

AÑO: 1.981

ALTITUD: 1.420

LATITUD: 5-13 N.

LONGITUD: 75-08 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	36.9	6.4	0.0	9.5	32.4	16.5	0.0	0.0	31.2			
2	0.0	0.0	0.0	50.0	4.3	0.6	0.0	0.0	13.1			
3	0.0	32.8	0.0	36.8	0.0	22.7	0.0	0.0	23.6			
4	9.9	36.4	0.0	8.8	1.1	0.0	0.0	0.0	1.6			
5	0.0	2.8	0.0	24.7	57.0	0.0	0.0	0.0	18.5			
6	1.1	0.0	31.5	29.1	0.6	6.5	0.0	0.0	0.0			
7	19.4	0.0	25.2	9.4	18.5	1.7	0.0	17.4	1.9			
8	0.1	6.3	0.0	5.7	17.1	23.6	0.0	4.9	6.1			
9	0.0	0.6	50.1	1.1	2.0	14.1	0.1	0.0	16.9			
10	0.4	0.0	9.2	0.0	34.0	10.7	0.2	0.0	53.1			
11	51.8	5.9	0.0	16.4	15.1	11.5	1.1	39.2	0.4			
12	0.0	0.0	0.0	14.3	10.7	5.7	0.0	5.5	11.4			
13	0.0	9.8	0.0	19.0	13.9	12.2	0.0	0.0	0.0			
14	0.0	21.7	1.1	20.0	13.0	0.4	0.0	0.0	0.0			
15	0.0	14.6	1.3	40.0	22.6	0.0	0.0	0.2	0.0			
16	0.0	19.3	0.0	3.5	0.0	62.5	3.7	41.2	0.0			
17	0.0	1.4	0.0	13.0	3.5	0.0	7.7	0.0	0.0			
18	0.0	0.6	0.0	0.6	2.5	0.3	4.9	14.6	82.8			
19	1.3	14.3	0.0	0.0	0.0	0.0	7.5	0.0	0.0			
20	0.0	10.4	0.0	29.7	0.0	0.0	0.0	2.5	0.0			
21	0.0	6.8	0.0	20.6	0.0	11.3	0.0	50.0	0.0			2.6
22	0.0	0.0	0.0	0.0	10.7	0.2	0.0	21.8	0.0			6.8
23	0.0	33.1	0.0	65.0	27.3	0.0	0.0	18.0	0.0			9.0
24	4.0	18.0	0.1	12.0	13.6	0.0	0.0	44.7	0.0			0.0
25	9.0	4.6	0.3	0.0	28.1	0.0	0.0	1.6	2.0			34.7
26	8.9	0.0	0.3	4.0	45.0	1.3	0.0	0.4	4.8			1.0
27	0.0	0.0	0.0	42.9	11.7	0.0	0.0	3.4	0.0			0.0
28	9.9	0.0	61.8	1.3	19.0	24.5	0.0	13.0	9.7			1.2
29	0.0	0.0	36.7	1.2	14.3	0.0	0.0	0.0	8.9			4.5
30	1.3	0.0	2.2	23.7	38.6	0.4	0.0	24.3	32.9			0.2
31	0.0	0.0	0.0	0.0	6.0	0.0	0.0	16.7	0.0			31.6
Total	146.1	248.8	221.6	492.3	462.9	227.6	25.2	319.4	318.8			
D. L.L.	14	19	16	26	26	20	7	18	17			
TOTALES ANUALES										mm.		Días Lluvia

ESTACION: SANTA ANA

MUNICIPIO: PALESTINA

AÑO: 1.981

ALTITUD: 1.250

LATITUD: 5-01 N.

LONGITUD: 75-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.1	0.0	0.0	28.8	20.6	0.0	8.7	2.7	0.0	29.5
2	0.0	0.0	0.0	0.0	12.3	0.0	26.7	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	29.9	0.0	0.0	4.8	0.0	16.7	0.1	0.3	0.0
4	0.0	0.0	1.2	10.0	7.5	0.0	9.9	0.0	0.3	0.7	12.1	0.0
5	0.9	1.6	85.7	7.5	10.0	11.7	51.6	20.6	4.6	0.1	0.0	39.3
6	0.0	0.1	0.4	1.3	0.4	35.6	0.0	0.3	0.0	1.6	43.5	0.0
7	1.1	15.5	19.1	0.6	52.0	50.4	0.0	0.9	1.0	3.6	14.2	8.3
8	0.0	0.7	1.7	0.2	0.8	36.0	11.9	1.3	40.4	24.4	8.2	45.5
9	0.0	0.0	12.0	0.0	0.0	3.0	50.3	0.7	2.3	19.0	11.3	0.0
10	0.0	0.0	1.4	0.0	31.0	25.7	7.7	0.0	30.2	3.9	1.1	0.0
11	10.1	8.6	0.0	0.2	9.2	26.1	57.0	1.0	2.2	0.0	14.8	1.2
12	8.8	0.1	0.2	24.0	1.6	0.6	33.1	18.2	22.2	4.0	3.8	0.0
13	0.0	0.2	0.1	2.0	42.0	0.0	0.0	0.0	0.0	5.2	6.3	0.7
14	0.0	3.6	8.0	3.9	0.0	0.2	0.1	0.0	67.7	0.0	0.4	1.5
15	0.0	2.8	36.2	20.3	36.0	1.7	13.5	0.0	0.0	0.3	5.5	2.0
16	0.0	11.5	0.0	6.0	1.6	22.4	14.1	11.9	0.0	0.0	8.7	0.0
17	0.0	0.0	0.0	27.8	0.3	0.0	7.9	0.0	1.7	3.1	0.7	1.3
18	0.0	0.6	0.0	48.2	0.0	0.0	0.0	0.0	1.8	1.5	3.0	6.3
19	3.5	9.0	0.0	8.8	0.0	0.0	0.0	0.0	3.8	0.2	58.4	9.4
20	0.0	0.0	0.0	0.0	0.0	0.9	64.6	3.5	0.0	0.0	0.2	2.1
21	0.0	0.0	25.4	27.8	3.6	0.4	0.0	12.7	0.0	25.6	2.1	2.1
22	0.9	13.2	0.1	3.0	14.0	0.4	0.0	0.1	0.0	5.5	0.0	0.0
23	0.3	7.6	0.0	2.5	12.8	1.4	0.0	9.8	0.0	20.2	10.2	0.0
24	0.1	0.7	0.0	0.0	47.3	26.1	0.0	28.3	0.0	0.1	0.1	0.0
25	0.0	0.0	23.9	20.1	2.8	0.0	0.0	0.8	0.0	2.3	4.8	0.0
26	14.2	0.0	0.1	14.5	0.0	0.6	0.0	0.0	0.0	4.3	4.5	0.0
27	0.0	3.0	0.0	56.2	24.0	20.5	0.0	0.7	14.2	6.5	11.2	0.0
28	6.4	1.1	15.7	46.0	10.2	0.1	0.0	0.0	6.1	5.5	14.3	0.0
29	0.0	0.0	10.3	13.9	45.6	30.0	0.0	49.0	0.0	53.6	6.3	0.8
30	20.0	0.0	0.0	33.0	5.6	0.0	0.0	3.3	5.2	1.3	16.3	34.9
31	14.3	0.0	0.0	0.0	3.1	0.0	0.0	18.0	0.0	6.1	0.0	7.0
Total	80.6	79.9	241.6	407.4	377.7	332.1	373.8	181.1	229.1	201.4	262.3	191.9
D. L.L.	12	17	18	24	23	22	15	18	17	26	26	16
TOTALES ANUALES										2958.9 mm.		234 Días Lluvia

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

ESTACION: EL BREMEN

MUNICIPIO: CIRCASIA

AÑO: 1.981

ALTITUD: 2.040

LATITUD: 4-40 N.

LONGITUD: 75-37 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	0.9	7.9	0.0	0.0	13.6	50.9	4.1	0.0	7.2	0.4	0.0	2.3		
2	2.7	0.0	2.4	1.9	37.9	0.0	26.8	0.0	6.4	2.0	0.0	1.2		
3	3.0	1.2	0.1	0.0	6.4	1.1	6.7	0.2	3.3	0.0	0.0	0.0		
4	0.0	2.5	0.0	24.3	42.4	0.0	0.6	0.0	0.0	0.1	15.3	6.7		
5	3.4	4.8	52.2	19.7	29.5	3.0	0.5	0.0	1.3	0.1	0.0	100.0		
6	0.0	0.0	0.3	5.3	0.9	13.0	0.0	7.7	3.9	14.0	12.2	0.0		
7	2.7	0.0	23.8	0.0	23.5	3.7	0.0	15.7	1.9	0.9	13.3	0.0		
8	1.4	8.0	4.4	25.0	2.1	30.3	0.7	7.4	2.1	11.7	5.0	0.0		
9	0.0	15.3	61.2	0.7	0.0	0.0	21.1	0.0	0.4	25.4	1.9	0.0		
10	0.1	0.0	1.9	0.0	31.5	2.5	2.4	0.0	22.9	14.5	38.4	0.0		
11	0.0	33.6	17.5	4.8	4.9	11.6	0.2	2.7	1.3	7.2	70.9	10.6		
12	3.4	0.0	13.1	14.0	0.0	3.2	0.0	1.3	13.1	11.6	4.2	0.0		
13	4.1	25.0	1.4	10.0	3.7	0.2	0.0	0.0	2.1	5.4	9.4	0.3		
14	4.8	2.8	11.5	9.4	4.1	0.0	0.4	0.0	16.8	39.9	10.1	13.1		
15	0.2	0.0	0.9	21.4	11.7	2.2	0.8	2.9	0.6	15.5	18.6	2.4		
16	0.0	8.2	0.0	13.6	7.2	8.5	7.8	0.6	0.0	0.0	49.6	0.0		
17	0.0	0.4	15.6	8.7	9.3	0.0	10.1	2.6	0.0	5.0	27.8	0.0		
18	0.0	12.9	10.1	58.1	34.4	8.5	2.6	0.1	0.0	43.0	4.0	25.0		
19	0.0	37.5	10.9	8.1	0.0	0.5	1.3	0.0	2.5	0.0	16.0	24.0		
20	0.0	3.0	16.2	0.0	0.0	0.4	8.5	0.0	0.0	0.0	35.9	40.0		
21	0.0	2.4	29.7	40.4	0.0	1.6	0.0	2.1	0.0	6.3	21.9	7.5		
22	0.0	6.0	14.2	11.4	0.7	28.9	0.0	1.4	0.0	32.5	0.0	1.2		
23	0.0	0.0	29.0	15.7	9.7	0.8	0.0	7.1	0.0	48.9	3.9	1.0		
24	0.0	14.5	2.5	0.0	20.3	0.0	0.0	10.9	0.0	0.0	0.7	0.5		
25	0.0	0.4	30.8	0.0	26.3	0.0	0.0	9.6	0.0	4.1	1.7	38.0		
26	0.0	0.0	11.3	0.4	5.4	0.0	0.0	0.4	0.0	16.8	0.5	1.4		
27	38.3	0.0	0.0	89.5	15.7	0.0	0.0	0.3	0.0	27.1	12.9	6.2		
28	0.2	0.0	36.9	58.7	5.4	16.2	0.0	0.0	0.0	29.4	31.5	0.0		
29	1.0	0.0	10.6	10.5	13.2	31.4	0.0	8.3	6.6	35.0	39.1	0.6		
30	0.3	0.0	12.7	52.6	10.4	38.8	0.0	0.1	0.4	5.8	1.4	4.2		
31	7.1	0.0	0.0	0.0	7.9	0.0	0.0	30.3	0.0	47.9	0.0	0.8		
Total	73.6	186.4	421.2	504.2	378.1	257.2	94.6	111.7	92.8	450.5	446.2	287.0		
D. L.	16	18	26	23	26	21	16	20	17	26	25	21		
TOTALES ANUALES							3303.5				255		Días lluvia	

ESTACION: PLANTA DE TRATAMIENTO

MUNICIPIO: PEREIRA

AÑO: 1.981

ALTITUD 1.450

LATITUD: 4-48 N.

LONGITUD: 75-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	0.0	0.2	0.0	0.0	11.8	26.0	5.3	0.0	14.4	3.7	0.0	0.1		
2	0.0	0.2	10.3	15.7	46.2	0.0	0.0	5.0	7.1	38.6	0.0	0.0		
3	0.0	0.0	0.0	2.9	0.2	3.1	2.6	0.0	7.2	17.2	0.0	0.0		
4	0.0	3.3	0.0	15.5	20.8	0.0	14.0	0.3	2.0	14.6	3.1	0.0		
5	4.8	7.3	23.1	10.4	20.2	26.1	6.2	2.0	0.8	0.0	0.0	68.9		
6	0.0	0.6	0.4	14.7	0.6	59.2	0.2	0.0	0.0	54.4	59.5	0.1		
7	0.2	2.7	28.0	6.8	11.6	4.3	0.6	2.3	0.0	30.5	1.1	6.6		
8	0.0	0.0	15.9	2.3	0.7	22.8	0.3	2.1	9.4	4.7	28.5	0.0		
9	0.0	0.0	28.2	0.5	0.0	0.3	48.5	10.9	2.5	2.0	2.0	0.0		
10	0.0	0.0	2.0	0.0	16.2	9.9	6.6	0.0	53.6	15.1	37.8	25.2		
11	0.0	8.5	0.3	5.9	8.5	6.3	8.1	1.7	24.3	0.1	9.9	20.0		
12	0.1	0.0	2.1	19.2	0.0	4.5	0.2	4.9	0.0	4.5	19.5	0.0		
13	0.0	13.6	20.0	1.3	33.1	0.3	0.5	0.0	0.2	7.0	18.0	0.0		
14	0.0	2.8	9.0	20.5	3.4	22.1	0.0	0.0	8.7	0.7	3.1	0.0		
15	0.0	0.0	2.2	27.1	16.1	2.6	5.8	9.3	1.0	1.5	0.3	3.9		
16	0.0	5.9	0.0	14.3	13.5	28.2	6.0	3.1	8.9	1.7	12.9	0.4		
17	0.0	2.2	5.5	3.7	14.8	0.0	3.6	2.6	0.0	0.0	19.4	0.0		
18	0.0	1.2	0.0	40.4	0.1	29.1	0.3	5.6	0.2	22.6	53.7	33.3		
19	0.0	0.9	0.0	7.4	0.4	0.0	0.0	0.0	1.9	1.2	16.1	18.6		
20	3.4	0.1	16.4	0.0	0.0	1.5	5.9	0.0	0.2	0.0	29.5	3.7		
21	0.0	12.0	0.0	26.4	1.6	0.0	0.0	21.3	0.0	0.8	3.2	3.9		
22	0.0	41.6	16.4	7.6	46.6	16.3	0.0	9.2	0.0	9.0	32.9	0.3		
23	0.0	20.5	36.6	7.0	39.9	5.0	0.3	8.6	2.8	71.3	21.7	0.0		
24	3.0	0.0	0.0	3.7	25.8	0.4	0.0	28.4	0.0	0.0	9.7	0.0		
25	0.2	0.0	11.8	0.0	8.7	1.0	0.0	2.4	0.0	0.1	2.5	0.0		
26	0.0	0.0	0.0	9.5	1.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0		
27	0.1	0.0	0.0	39.1	2.2	1.0	0.0	0.0	6.7	7.7	13.6	0.0		
28	0.0	2.3	12.2	12.5	17.9	1.6	0.0	0.0	33.6	3.6	34.4	0.0		
29	0.0	0.0	0.8	3.5	31.7	12.9	0.0	3.6	1.3	38.7	12.4	2.9		
30	0.0	0.0	0.9	4.1	5.0	0.2	0.0	1.4	10.1	7.9	0.9	13.4		
31	29.8	0.0	0.0	0.0	11.5	0.0	8.0	26.0	0.0	53.5	0.0	0.0		
Total	41.6	25.9	242.1	322.0	408.9	282.0	153.0	151.4	174.9	418.9	445.7	181.3		
D. L.	8	18	20	26	28	25	19	21	21	27	25	14		
TOTALES ANUALES							2947.7				252		Días lluvia	

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

ESTACION: SANTIAGO GUTIERREZ

MUNICIPIO: ARGELIA

AÑO: 1.981

ALTITUD: 1.550

LATITUD: 4-43 N.

LONGITUD: 76-10 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.6	1.1	0.0	0.8	1.5	11.2	21.9	0.0	11.1	10.3	1.5	9.1	
2	0.0	0.2	3.3	2.3	12.2	0.0	1.5	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	1.9	0.5	0.0	2.7	0.0	0.2	0.0	0.0	0.0	
4	0.0	0.3	0.0	1.9	9.4	0.0	2.7	0.0	0.0	2.3	26.9	0.0	
5	0.0	0.7	6.4	3.6	9.0	0.0	0.8	0.0	0.0	0.0	0.0	25.3	
6	0.0	18.2	0.0	3.2	0.2	15.7	0.0	0.0	0.3	0.0	0.0	0.4	
7	0.3	0.0	5.5	19.8	0.4	0.0	0.0	2.0	0.0	0.3	11.2	0.0	
8	9.7	0.0	10.1	8.1	0.0	10.6	0.3	0.6	18.8	1.1	25.9	0.0	
9	0.0	1.9	11.0	0.0	1.2	11.9	0.4	0.0	0.3	10.1	0.0	0.0	
10	0.0	0.0	0.5	0.0	8.8	0.2	35.1	0.0	19.6	1.8	0.2	0.0	
11	0.0	12.2	0.0	0.0	11.0	14.0	0.0	12.2	0.3	0.2	13.3	24.4	
12	0.2	0.2	2.9	7.0	0.0	2.8	0.0	1.7	3.3	0.9	7.3	2.5	
13	0.0	1.3	23.5	13.4	6.6	0.0	2.1	0.0	0.0	24.1	1.6	8.4	
14	0.0	0.0	4.9	31.1	0.6	0.0	1.7	0.0	4.1	11.2	4.5	0.0	
15	0.0	0.0	0.0	0.6	1.6	4.0	0.0	0.0	0.0	10.1	9.2	0.0	
16	0.0	8.5	0.1	32.0	1.3	23.9	14.9	8.9	0.0	0.2	14.5	0.2	
17	0.0	0.0	1.3	6.1	3.8	0.0	14.9	0.4	0.0	1.8	3.4	0.0	
18	0.0	1.5	0.1	10.4	0.0	53.3	0.1	7.7	0.0	2.1	1.1	0.0	
19	0.0	4.3	2.9	28.3	0.0	0.1	0.0	0.0	0.0	1.9	7.9	0.0	
20	0.5	10.4	1.9	0.0	0.0	0.4	20.8	26.3	0.0	0.0	0.0	2.9	
21	0.1	1.1	0.0	0.0	1.7	2.2	0.0	4.0	0.0	0.0	0.0	11.9	
22	0.0	4.1	0.0	0.0	2.0	3.3	0.0	0.4	0.0	5.5	5.2	3.2	
23	0.0	12.5	0.7	0.0	46.2	8.7	0.0	0.0	0.0	13.8	3.7	0.0	
24	0.0	0.0	0.0	6.8	10.1	0.2	0.0	1.4	0.0	0.0	0.0	0.0	
25	0.1	0.0	0.4	6.8	10.2	0.0	0.0	0.5	5.0	10.4	0.0	0.0	
26	0.0	0.0	0.4	0.0	14.0	0.0	0.0	1.4	0.0	2.5	1.6	0.0	
27	0.0	0.0	0.0	3.0	0.0	14.4	0.0	0.3	0.0	4.6	0.7	0.0	
28	0.8	0.0	15.2	10.0	2.1	5.0	0.0	13.4	27.9	32.6	4.9	0.7	
29	0.0	0.0	0.0	9.0	10.5	7.6	0.0	4.5	28.1	28.9	1.3	8.6	
30	2.3	0.0	0.0	4.8	13.5	16.8	0.0	0.0	5.2	3.7	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.3	0.0	22.9	0.0	2.9	
Total D. Lt.	14.6	78.5	91.1	212.1	178.4	206.9	119.9	112.6	124.4	205.2	145.1	100.5	
TOTALES ANUALES											1589.3 mm.	213	Días lluvia

ESTACION: LA SELVA

MUNICIPIO: GINEBRA

AÑO: 1.981

ALTITUD: 1.800

LATITUD: 3-40 N.

LONGITUD: 76-18 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.2	20.7	0.0	0.0	0.0	0.0	5.8	0.0	2.4	8.2	3.8	0.0	
2	4.1	0.0	12.9	32.7	29.0	0.0	1.0	0.0	0.0	0.5	0.0	0.0	
3	0.0	1.0	0.2	0.0	0.0	6.6	0.0	2.2	0.0	31.4	0.0	0.0	
4	0.0	4.5	0.0	3.4	15.0	0.0	0.4	0.0	0.0	0.2	11.1	3.6	
5	0.0	11.7	22.7	28.3	5.8	0.0	3.2	0.0	0.0	0.0	0.0	39.8	
6	0.0	0.0	5.0	0.1	0.6	3.2	0.0	0.0	0.0	3.7	0.0	12.3	
7	2.0	0.4	1.4	3.4	9.7	20.0	0.0	2.2	0.7	0.0	4.9	3.1	
8	1.5	0.0	7.7	2.3	0.6	15.0	0.0	1.1	3.8	3.6	7.1	0.0	
9	0.0	0.0	4.4	0.0	2.4	12.0	3.1	0.0	0.0	45.6	3.6	3.4	
10	0.0	0.0	13.6	0.0	8.1	0.0	5.2	0.0	6.1	2.2	4.9	0.4	
11	3.1	23.0	0.2	0.0	3.8	0.5	0.0	1.5	39.0	7.1	18.2	2.5	
12	15.1	0.7	0.7	10.6	0.0	0.3	0.0	1.7	0.5	1.2	56.0	0.0	
13	0.0	4.3	0.0	6.9	47.6	0.2	0.0	0.0	0.0	10.1	37.6	0.0	
14	0.0	1.4	1.8	4.1	2.1	0.0	0.0	0.0	2.5	1.0	5.5	0.4	
15	0.0	0.0	0.8	19.2	42.2	30.0	15.3	0.0	0.5	0.3	17.8	2.9	
16	0.0	31.9	2.1	2.0	3.6	0.1	18.0	4.7	0.0	13.0	6.0	0.0	
17	0.0	15.0	7.9	49.9	2.2	0.8	9.1	6.4	0.0	1.0	4.5	16.2	
18	0.0	0.9	0.4	57.9	11.1	30.0	0.0	0.0	0.0	0.0	5.9	0.0	
19	0.0	2.3	0.0	8.2	0.0	2.6	0.0	0.1	0.0	0.0	37.8	0.0	
20	0.0	0.0	4.9	0.0	0.0	0.0	0.8	0.0	0.0	0.0	35.6	2.3	
21	0.0	0.7	0.4	14.3	0.0	1.1	0.0	8.0	0.0	7.1	13.1	17.3	
22	0.0	6.3	0.1	3.0	4.6	40.0	0.0	35.1	0.0	5.7	7.4	2.9	
23	0.0	30.5	0.3	7.6	8.1	0.7	0.0	0.0	0.0	19.0	25.2	0.0	
24	0.0	0.2	7.1	8.3	2.6	0.0	0.0	4.0	0.0	2.4	0.8	0.2	
25	0.0	0.0	0.0	0.2	4.0	0.0	0.0	5.5	0.0	2.3	0.0	12.3	
26	0.0	0.0	1.4	0.0	2.1	0.0	0.0	0.9	0.0	6.7	32.6	0.0	
27	0.5	0.0	0.0	91.6	5.2	0.4	0.0	0.1	15.7	8.9	0.6	0.0	
28	0.0	0.0	0.6	18.1	37.0	0.3	0.0	0.0	0.0	15.0	20.0	0.0	
29	1.6	0.0	8.1	3.3	89.0	16.0	0.0	52.4	2.1	31.1	47.6	10.9	
30	0.6	0.0	0.7	58.8	58.0	0.0	0.0	1.6	8.0	3.8	4.7	0.0	
31	5.1	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	45.4	0.0	0.1	
Total D. Lt.	33.8	155.5	105.4	434.2	381.0	173.2	64.1	128.2	81.3	276.5	412.5	130.6	
TOTALES ANUALES											2376.3 mm.	223	Días lluvia

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

ESTACION: LA ALDEA MUNICIPIO: DABEIBA AÑO: 1.981
 ALTITUD: 1.500 LATITUD: 7-02 N. LONGITUD: 76-12 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	2.0	22.0	6.0	5.0	0.0	4.0	5.0	2.0	10.0
2	0.0	0.0	0.0	0.0	4.0	0.0	5.0	2.0	2.0	0.0	0.0	0.0
3	0.0	3.0	19.0	2.0	0.0	3.0	18.0	4.0	5.0	0.0	2.0	0.0
4	0.0	17.0	0.0	23.0	18.0	0.0	22.0	2.0	23.0	0.0	6.0	16.0
5	0.0	7.0	9.0	7.0	4.0	1.0	0.0	3.0	14.0	1.0	1.0	20.0
6	0.0	0.0	18.0	0.0	14.0	0.0	2.0	2.0	13.0	0.0	0.0	2.0
7	0.0	0.0	54.0	1.0	6.0	7.0	0.0	6.0	8.0	2.0	2.0	1.0
8	0.0	0.0	1.0	0.0	22.0	20.0	10.0	8.0	2.0	0.0	4.0	0.0
9	0.0	0.0	14.0	0.0	0.0	27.0	28.0	2.0	29.0	0.0	1.0	12.0
10	0.0	0.0	6.0	0.0	7.0	1.0	11.0	0.0	5.0	2.0	2.0	0.0
11	1.0	0.0	11.0	0.0	42.0	6.0	32.0	12.0	43.0	0.0	0.0	0.0
12	0.0	0.0	0.0	2.0	6.0	35.0	1.0	33.0	3.0	10.0	42.0	0.0
13	0.0	0.0	6.0	6.0	5.0	2.0	0.0	15.0	4.0	2.0	12.0	4.0
14	0.0	0.0	13.0	33.0	45.0	8.0	4.0	1.0	3.0	13.0	2.0	0.0
15	0.0	0.0	2.0	3.0	1.0	27.0	10.0	0.0	5.0	30.0	18.0	2.0
16	0.0	4.0	0.0	53.0	4.0	22.0	15.0	0.0	19.0	9.0	2.0	0.0
17	0.0	0.0	1.0	27.0	2.0	36.0	28.0	1.0	2.0	7.0	0.0	0.0
18	0.0	0.0	2.0	0.0	0.0	1.0	1.0	24.0	0.0	13.0	1.0	0.0
19	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	11.0
20	0.0	3.0	0.0	0.0	0.0	14.0	44.0	4.0	11.0	4.0	1.0	10.0
21	0.0	0.0	0.0	0.0	0.0	5.0	3.0	46.0	1.0	14.0	6.0	8.0
22	0.0	0.0	0.0	0.0	0.0	52.0	1.0	43.0	13.0	2.0	4.0	0.0
23	0.0	14.0	0.0	0.0	3.0	14.0	5.0	24.0	0.0	4.0	19.0	0.0
24	0.0	0.0	0.0	7.0	28.0	6.0	0.0	0.0	0.0	42.0	0.0	2.0
25	0.0	2.0	0.0	4.0	12.0	10.0	0.0	22.0	2.0	2.0	0.0	2.0
26	0.0	0.0	0.0	6.0	3.0	2.0	0.0	1.0	0.0	12.0	2.0	0.0
27	0.0	1.0	0.0	0.0	1.0	10.0	0.0	0.0	0.0	2.0	10.0	0.0
28	55.0	0.0	2.0	6.0	9.0	36.0	0.0	1.0	0.0	9.0	2.0	0.0
29	2.0	0.0	0.0	12.0	11.0	10.0	0.0	8.0	3.0	2.0	28.0	0.0
30	0.0	0.0	0.0	9.0	0.0	9.0	0.0	10.0	18.0	2.0	2.0	46.0
31	0.0	0.0	2.0	0.0	1.0	0.0	0.0	6.0	0.0	2.0	0.0	8.0
Total	58.0	51.0	160.0	208.0	279.0	370.0	245.0	280.0	232.0	215.0	171.0	154.0
D.LL	3	8	15	18	24	26	19	24	23	24	23	15
TOTALES ANUALES	2423.0 mm.										222	Días lluvia

ESTACION: BARILOCHE MUNICIPIO: FREDONIA AÑO: 1.981
 ALTITUD: 1.700 LATITUD: 5-56 N. LONGITUD: 75-27 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	1.0	6.0	0.0	0.0	5.0	42.0	16.0	0.0	8.0	0.0	7.0	10.0
2	0.0	3.0	5.0	1.0	47.5	0.0	2.0	0.0	3.0	8.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	14.0	0.0	0.0
4	0.0	3.0	0.0	24.0	31.0	0.0	13.5	0.0	19.0	10.0	18.0	6.0
5	0.0	4.0	63.0	6.0	30.0	0.0	27.0	0.0	30.0	0.0	13.0	13.0
6	0.0	2.0	0.0	3.0	5.0	0.0	0.0	0.0	11.0	0.0	35.0	0.0
7	0.0	11.0	0.0	2.0	22.0	55.0	2.0	17.0	8.0	9.0	17.0	0.0
8	13.0	1.0	31.0	4.5	3.0	26.0	7.0	6.5	3.0	17.0	0.0	0.0
9	0.0	0.0	7.0	0.0	10.0	3.0	30.0	0.0	3.0	19.0	20.0	0.0
10	0.0	0.0	0.0	0.0	18.0	4.5	19.5	0.0	23.0	17.0	13.0	4.0
11	0.0	10.0	6.0	0.0	16.0	2.0	0.0	19.0	11.0	11.0	30.0	16.0
12	2.0	4.0	14.0	0.0	0.0	22.0	0.0	6.0	13.0	18.0	25.0	0.0
13	0.0	2.0	1.0	22.0	11.0	0.0	2.5	4.0	0.0	0.0	11.0	0.0
14	0.0	3.0	5.0	15.5	4.0	1.0	9.0	0.0	20.0	27.0	24.0	0.0
15	0.0	1.0	1.0	25.0	22.0	12.5	2.0	0.0	0.0	24.0	0.0	0.0
16	0.0	2.0	1.0	6.0	4.0	2.0	47.5	8.0	14.0	15.0	33.0	0.0
17	0.0	0.0	0.0	85.0	6.0	7.0	13.0	0.0	0.0	7.0	4.0	0.0
18	0.0	0.0	14.0	30.0	12.0	61.5	0.0	16.0	2.0	32.0	3.0	4.0
19	0.0	0.0	28.0	16.0	0.0	0.0	0.0	0.0	5.0	0.0	22.0	0.0
20	0.0	0.0	3.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	17.0	2.0
21	0.0	0.0	0.0	14.0	0.0	0.0	9.0	26.0	22.0	0.0	14.0	12.0
22	0.0	0.0	0.0	10.0	9.0	5.0	0.0	15.0	0.0	0.0	0.0	0.0
23	0.0	10.0	0.0	8.0	1.5	0.0	0.0	9.0	0.0	20.0	3.0	0.0
24	10.5	4.0	0.0	7.0	22.0	0.0	0.0	4.0	0.0	12.0	4.0	0.0
25	2.0	1.0	0.0	0.0	10.0	7.0	0.0	8.0	0.0	10.0	0.0	0.0
26	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0
27	0.0	0.0	0.0	17.0	20.5	0.0	0.0	0.0	0.0	0.0	10.0	3.0
28	0.0	0.0	7.0	32.0	11.5	10.0	0.0	6.0	5.0	33.0	13.0	0.0
29	0.0	0.0	0.0	9.0	3.0	65.0	0.0	0.0	3.0	12.0	0.0	0.0
30	2.5	0.0	1.0	32.0	15.0	0.0	0.0	28.0	38.0	1.0	43.0	6.0
31	0.0	0.0	1.0	0.0	0.0	0.0	0.0	30.0	0.0	5.0	0.0	0.0
Total	31.0	67.0	188.0	373.0	339.0	322.5	201.0	217.5	251.0	335.0	379.0	72.0
D.LL	6	16	16	22	24	16	15	16	20	22	22	9
TOTALES ANUALES	2776.0 mm.										204	Días lluvia

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

ESTACION: GUAYMARAL

MUNICIPIO: AGUADAS

AÑO: 1.981

ALTITUD: 1.600

LATITUD: 5-38 N.

LONGITUD: 75-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	17.0	0.0	0.0	8.0
2	0.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	6.0	0.0	0.0
4	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	2.0	8.0	25.0	0.0
5	0.0	0.0	25.0	12.0	43.0	0.0	26.0	0.0	34.0	0.0	0.0	22.0
6	0.0	0.0	14.0	13.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	11.0
7	0.0	0.0	35.0	7.0	17.0	27.0	0.0	6.0	0.0	0.0	15.0	0.0
8	0.0	0.0	19.0	0.0	0.0	24.0	0.0	3.0	7.0	13.0	32.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	9.0	0.0	10.0	0.0	25.0	35.0	21.0	4.0
11	0.0	0.0	23.0	0.0	4.0	0.0	12.0	0.0	0.0	0.0	11.0	17.0
12	0.0	0.0	0.0	0.0	0.0	12.0	0.0	15.0	25.0	0.0	8.0	0.0
13	0.0	0.0	47.0	12.0	1.0	0.0	0.0	3.0	0.0	0.0	20.0	5.0
14	0.0	0.0	8.0	10.0	0.0	0.0	0.0	0.0	9.0	40.0	0.0	9.0
15	0.0	0.0	0.0	18.0	40.0	8.0	0.0	0.0	0.0	5.0	30.0	0.0
16	0.0	0.0	0.0	15.0	0.0	7.0	38.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	35.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	3.0	0.0	11.0	0.0	3.0	10.0	25.0	0.0	0.0
19	0.0	14.0	0.0	12.0	0.0	0.0	2.0	0.0	14.0	0.0	26.0	29.0
20	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	30.0
21	0.0	0.0	27.0	38.0	0.0	16.0	0.0	17.0	0.0	0.0	27.0	4.0
22	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0
23	0.0	12.0	0.0	40.0	17.0	0.0	0.0	15.0	0.0	40.0	14.0	0.0
24	10.0	0.0	0.0	0.0	30.0	0.0	0.0	22.0	0.0	14.0	4.0	6.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	12.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0
27	0.0	0.0	0.0	32.0	16.0	0.0	0.0	0.0	5.0	4.0	0.0	0.0
28	15.0	0.0	0.0	8.0	22.0	12.0	0.0	0.0	0.0	10.0	12.0	0.0
29	0.0	0.0	7.0	3.0	22.0	18.0	0.0	8.0	5.0	34.0	30.0	0.0
30	4.0	0.0	6.0	47.0	23.0	0.0	0.0	26.0	4.0	1.0	13.0	18.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0
Total D. LL.	29.0 3	26.0 2	211.0 10	314.0 16	263.0 14	129.0 9	122.0 9	143.0 11	171.0 14	313.0 16	298.0 15	171.0 12
TOTALES ANUALES								2200.0 mm.		131		Días lluvia

ESTACION: SANTA ELENA
ALTITUD: 1.400

MUNICIPIO: AGUADAS
LATITUD: 5-37 N.

AÑO: 1.981
LONGITUD: 75-23 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1								0.0	12.0	0.0	0.0	5.0
2								2.0	0.0	0.0	1.0	0.0
3								0.0	15.0	5.0	0.0	0.0
4								0.0	7.0	2.0	15.0	0.0
5								0.0	66.0	2.0	0.0	10.0
6								2.0	9.0	0.0	0.0	7.0
7								6.0	2.0	0.0	28.0	0.0
8								0.0	7.0	13.0	30.0	0.0
9								7.0	3.0	2.0	6.0	0.0
10								1.0	20.0	23.0	0.0	0.0
11								21.0	0.0	1.0	15.0	7.0
12								10.0	0.0	2.0	1.0	0.0
13								1.0	0.0	2.0	9.0	7.0
14								0.0	11.0	17.0	15.0	11.0
15								2.0	5.0	3.0	12.0	1.0
16								0.0	4.0	1.0	0.0	0.0
17								8.0	2.0	0.0	0.0	0.0
18								9.0	2.0	74.0	0.0	0.0
19								0.0	9.0	0.0	19.0	0.0
20								4.0	0.0	0.0	4.0	30.0
21								11.0	4.0	0.0	10.0	6.0
22								18.0	0.0	8.0	0.0	0.0
23								0.0	0.0	35.0	60.0	0.0
24								19.0	3.0	8.0	15.0	0.0
25								2.0	0.0	0.0	0.0	3.0
26								1.0	1.0	0.0	0.0	9.0
27								0.0	1.0	1.0	3.0	0.0
28								3.0	0.0	7.0	20.0	0.0
29								15.0	0.0	14.0	8.0	0.0
30								27.0	1.0	5.0	0.0	35.0
31								20.0	0.0	11.0	0.0	0.0
Total D. LL.								189.0 21	184.0 20	236.0 21	271.0 18	131.0 12
TOTALES ANUALES								mm.				Días lluvia

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

ESTACION: EL DESCANSO

MUNICIPIO: MARMATO

ARO:

1.981

ALTITUD: 1.650

LATITUD: 5-29 N.

LONGITUD: 75-38 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	0.0	5.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	6.0		
2	0.0	0.0	17.0	0.0	22.0	0.0	10.0	0.0	0.0	0.0	0.0	9.0		
3	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	9.0	8.0	0.0	0.0		
4	0.0	0.0	0.0	6.0	8.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0		
5	0.0	0.0	39.0	9.0	0.0	0.0	15.0	0.0	51.0	0.0	0.0	31.0		
6	0.0	0.0	6.0	18.0	17.0	0.0	0.0	0.0	0.0	22.0	4.0	0.0		
7	0.0	0.0	27.0	0.0	1.0	47.0	0.0	0.0	16.0	0.0	13.0	0.0		
8	8.0	0.0	43.0	0.0	0.0	17.0	39.0	9.0	16.0	8.0	55.0	0.0		
9	0.0	0.0	11.0	0.0	0.0	0.0	11.0	0.0	33.0	2.0	25.0	0.0		
10	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	16.0	30.0	0.0		
11	0.0	0.0	0.0	0.0	0.0	10.0	1.0	9.0	18.0	0.0	30.0	0.0		
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	30.0	0.0		
13	0.0	0.0	3.0	18.0	21.0	0.0	0.0	0.0	0.0	13.0	23.0	0.0		
14	0.0	0.0	0.0	10.0	0.0	0.0	17.0	0.0	23.0	0.0	6.0	14.0		
15	0.0	0.0	34.0	45.0	25.0	0.0	0.0	13.0	0.0	0.0	0.0	8.0		
16	0.0	11.0	0.0	0.0	3.0	8.0	5.0	0.0	0.0	26.0	13.0	0.0		
17	0.0	0.0	0.0	0.0	0.0	0.0	17.0	26.0	0.0	0.0	4.0	0.0		
18	0.0	0.0	0.0	12.0	0.0	0.0	0.0	11.0	13.0	0.0	0.0	3.0		
19	0.0	11.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0		
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	26.0		
21	0.0	0.0	0.0	22.0	14.0	0.0	0.0	20.0	0.0	34.0	0.0	5.0		
22	0.0	0.0	0.0	0.0	4.0	0.0	0.0	37.0	0.0	0.0	0.0	0.0		
23	0.0	3.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	4.0	16.0	0.0		
24	0.0	0.0	0.0	0.0	34.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0		
25	0.0	0.0	9.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0		
26	0.0	0.0	0.0	30.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
27	0.0	0.0	0.0	0.0	11.0	0.0	0.0	12.0	0.0	10.0	5.0	0.0		
28	0.0	0.0	0.0	0.0	22.0	16.0	0.0	0.0	0.0	28.0	29.0	0.0		
29	0.0	0.0	0.0	0.0	0.0	49.0	0.0	26.0	0.0	0.0	8.0	0.0		
30	8.0	0.0	0.0	19.0	19.0	0.0	0.0	12.0	0.0	14.0	6.0	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	14.0	0.0	0.0		
Total	16.0	30.0	189.0	201.0	271.0	161.0	26.0	245.0	179.0	201.0	318.0	106.0		
D.LL	2	4	9	10	17	7	9	12	8	14	18	9		
TOTALES ANUALES												2043.0 mm.	119	Días lluvia

ESTACION: LA MANUELITA
ALTITUD: 1.400

MUNICIPIO: RIOSUCIO
LATITUD: 5-22 N.

ARO: 1.981
LONGITUD: 75-41 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	0.0	0.0	0.0	0.0	10.0	1.0	3.0	0.0	7.0	0.0	0.0	12.0		
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	13.0	0.0	0.0	0.0		
3	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	20.0	0.0	10.0	0.0		
4	0.0	2.0	0.0	10.0	3.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0		
5	0.0	11.0	10.0	0.0	30.0	0.0	7.0	0.0	21.0	0.0	0.0	0.0		
6	0.0	0.0	10.0	40.0	0.0	0.0	0.0	2.0	0.0	0.0	36.0	0.0		
7	0.0	0.0	20.0	0.0	15.0	30.0	0.0	0.0	10.0	0.0	30.0	0.0		
8	0.0	0.0	1.0	0.0	0.0	21.0	15.0	50.0	70.0	2.0	22.0	0.0		
9	0.0	0.0	10.0	0.0	0.0	0.0	8.0	0.0	4.0	80.0	0.0	0.0		
10	0.0	0.0	0.0	0.0	22.0	11.0	22.0	0.0	28.0	15.0	4.0	0.0		
11	10.0	0.0	45.0	0.0	12.0	4.0	0.0	7.0	0.0	0.0	15.0	0.0		
12	0.0	0.0	15.0	25.0	0.0	10.0	0.0	6.0	30.0	25.0	11.0	14.0		
13	0.0	12.0	20.0	10.0	30.0	0.0	0.0	0.0	16.0	0.0	70.0	5.0		
14	0.0	2.0	8.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	9.0		
15	0.0	0.0	0.0	0.0	60.0	5.0	0.0	0.0	0.0	0.0	6.0	0.0		
16	0.0	0.0	10.0	0.0	0.0	3.0	12.0	0.0	10.0	0.0	0.0	0.0		
17	0.0	0.0	0.0	10.0	0.0	5.0	20.0	5.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	40.0	0.0	10.0	5.0	20.0	20.0	20.0	0.0	0.0		
19	0.0	10.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0		
20	0.0	0.0	2.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	12.0		
21	0.0	14.0	0.0	24.0	0.0	0.0	0.0	40.0	10.0	0.0	0.0	0.0		
22	0.0	0.0	0.0	0.0	10.0	0.0	0.0	25.0	0.0	10.0	23.0	3.0		
23	0.0	0.0	0.0	30.0	20.0	0.0	0.0	12.0	0.0	0.0	0.0	2.0		
24	0.0	0.0	0.0	0.0	25.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0		
25	0.0	0.0	40.0	10.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
26	0.0	0.0	0.0	10.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
27	0.0	0.0	0.0	15.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
28	18.0	0.0	0.0	30.0	0.0	10.0	0.0	5.0	0.0	10.0	28.0	0.0		
29	0.0	0.0	10.0	0.0	20.0	20.0	0.0	20.0	0.0	0.0	17.0	0.0		
30	10.0	0.0	0.0	12.0	8.0	2.0	0.0	5.0	0.0	25.0	30.0	25.0		
31	16.0	0.0	0.0	0.0	2.0	0.0	0.0	30.0	0.0	15.0	0.0	0.0		
Total	54.0	56.0	201.0	356.0	371.0	137.0	96.0	349.0	249.0	212.0	347.0	82.0		
D.LL	4	7	13	13	18	14	9	15	12	10	17	8		
TOTALES ANUALES												2510.0 mm.	140	Días lluvia

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

ESTACION: LA ARGENTINA

MUNICIPIO: RIOSUCIO

AÑO: 1.981

ALTITUD: 1.420

LATITUD: 5-28 N.

LONGITUD: 75-42 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	70.0	1.0	5.0	0.0	46.0	0.0	0.0	50.0
2	0.0	0.0	42.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
3	0.0	0.0	0.0	0.0	0.0	4.0	3.0	0.0	10.0	5.0	4.0	0.0
4	0.0	0.0	25.0	12.0	18.0	0.0	0.0	0.0	10.0	6.0	28.0	0.0
5	0.0	0.0	0.0	8.0	39.0	0.0	8.0	0.0	12.0	4.0	0.0	36.0
6	0.0	12.0	0.0	3.0	1.0	0.0	1.0	13.0	0.0	20.0	23.0	1.0
7	0.0	0.0	65.0	0.0	20.0	46.0	0.0	10.0	1.0	0.0	22.0	0.0
8	1.0	1.0	2.0	0.0	10.0	33.0	5.0	11.0	30.0	14.0	40.0	0.0
9	0.0	0.0	0.0	0.0	22.0	3.0	8.0	0.0	1.0	13.0	22.0	0.0
10	0.0	0.0	1.0	0.0	39.0	55.0	0.0	0.0	61.0	14.0	0.0	0.0
11	6.0	7.0	36.0	1.0	8.0	2.0	0.0	10.0	14.0	0.0	3.0	0.0
12	0.0	0.0	13.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0
13	0.0	8.0	0.0	39.0	38.0	0.0	0.0	1.0	26.0	3.0	10.0	5.0
14	0.0	1.0	22.0	36.0	48.0	0.0	0.0	11.0	0.0	2.0	6.0	0.0
15	0.0	8.0	0.0	0.0	0.0	0.0	4.0	8.0	0.0	0.0	0.0	0.0
16	0.0	8.0	27.0	0.0	18.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	2.0	0.0	0.0	0.0	10.0	0.0	10.0	0.0	21.0	7.0	0.0
18	0.0	3.0	0.0	48.0	0.0	0.0	0.0	13.0	1.0	0.0	0.0	0.0
19	0.0	7.0	0.0	39.0	0.0	0.0	0.0	0.0	0.0	20.0	20.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	2.0	4.0	0.0
21	0.0	0.0	12.0	12.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
22	0.0	1.0	7.0	7.0	6.0	5.0	0.0	1.0	4.0	3.0	0.0	0.0
23	0.0	12.0	0.0	14.0	41.0	0.0	0.0	12.0	63.0	20.0	0.0	0.0
24	0.0	0.0	25.0	10.0	47.0	8.0	0.0	18.0	2.0	0.0	0.0	0.0
25	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	5.0
26	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	4.0	16.0	6.0	0.0
27	11.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	1.0	4.0	6.0	0.0
28	7.0	0.0	0.0	14.0	21.0	7.0	0.0	9.0	1.0	10.0	12.0	0.0
29	0.0	0.0	10.0	0.0	10.0	12.0	0.0	34.0	0.0	15.0	24.0	22.0
30	40.0	0.0	0.0	8.0	29.0	0.0	0.0	28.0	3.0	43.0	1.0	5.0
31	7.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	15.0	0.0	4.0
Total D.LL	72.0	61.0	284.0	274.0	526.0	235.0	100.0	241.0	218.0	337.0	284.0	235.0
TOTALES ANUALES	6	10	14	17	21	14	9	18	15	21	24	11
2867.0 mm.										180		Días lluvia

ESTACION: LL ANADAS

MUNICIPIO: LA MERCED

AÑO: 1.981

ALTITUD: 1.800

LATITUD: 5-23 N.

LONGITUD: 75-33 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	2.0	16.0	0.0	0.0	4.0	21.0	6.0	0.0	22.0	0.0	0.0	2.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
3	0.0	0.0	0.0	2.0	0.0	0.0	6.0	0.0	28.0	4.0	5.0	0.0
4	0.0	0.0	0.0	5.0	20.0	8.0	29.0	0.0	28.0	0.0	20.0	0.0
5	0.0	0.0	31.0	7.0	16.0	0.0	0.0	3.0	2.0	35.0	1.0	5.0
6	0.0	5.0	34.0	3.0	16.0	0.0	14.0	6.0	4.0	34.0	13.0	10.0
7	0.0	7.0	0.0	0.0	0.0	35.0	12.0	2.0	10.0	14.0	12.0	0.0
8	0.0	0.0	16.0	0.0	0.0	8.0	14.0	3.0	34.0	14.0	12.0	0.0
9	0.0	0.0	0.0	0.0	14.0	10.0	14.0	2.0	34.0	16.0	2.0	0.0
10	0.0	0.0	2.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	13.0	26.0
11	28.0	0.0	0.0	0.0	0.0	8.0	0.0	6.0	29.0	13.0	7.0	9.0
12	8.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	2.0	0.0	20.0	9.0
13	0.0	0.0	6.0	0.0	10.0	0.0	0.0	0.0	38.0	3.0	20.0	10.0
14	0.0	0.0	3.0	4.0	13.0	7.0	16.0	0.0	0.0	4.0	16.0	0.0
15	0.0	0.0	0.0	0.0	4.0	4.0	5.0	12.0	6.0	0.0	6.0	0.0
16	0.0	0.0	0.0	0.0	0.0	9.0	4.0	0.0	4.0	0.0	5.0	0.0
17	0.0	5.0	0.0	40.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	3.0
18	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	8.0	7.0	18.0	37.0
19	0.0	4.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	8.0	12.0	8.0	0.0	0.0	21.0	0.0	0.0	0.0	5.0
21	0.0	0.0	0.0	2.0	6.0	4.0	0.0	3.0	0.0	3.0	0.0	0.0
22	0.0	0.0	0.0	6.0	0.0	0.0	0.0	30.0	0.0	39.0	50.0	26.0
23	0.0	20.0	0.0	34.0	6.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	2.0	0.0	0.0	44.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	16.9	0.0	0.0	4.0	0.0	18.0	0.0	0.0
26	0.0	0.0	0.0	0.0	58.0	0.0	0.0	0.0	0.0	4.0	5.0	0.0
27	20.0	0.0	0.0	64.0	4.0	0.0	0.0	0.0	3.0	16.0	0.0	0.0
28	4.0	0.0	0.0	54.0	0.0	2.0	0.0	0.0	3.0	18.0	27.0	0.0
29	0.0	0.0	3.0	4.0	14.0	24.0	0.0	19.0	6.0	0.0	0.0	0.0
30	0.0	0.0	0.0	4.0	0.0	0.0	0.0	12.0	4.0	12.0	10.0	4.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	0.0	18.0	0.0	10.0
Total D.LL	62.0	65.0	119.0	281.0	249.0	185.0	96.0	182.0	235.0	318.0	274.0	166.0
TOTALES ANUALES	5	8	10	15	16	17	9	14	18	20	19	13
2232.0 mm.										164		Días lluvia

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

ESTACION: LA TRILLADORA

MUNICIPIO: MANIZALES

AÑO:

1981

ALTITUD: 1.650

LATITUD: 5-06 N.

LONGITUD: 75-33 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	33.0	1.0	0.0	18.0	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	0.0	0.0	0.0	0.0	0.0	2.0	0.0	7.0	20.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	1.0	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	19.0	0.0	0.0	47.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0
7	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	10.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	9.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	58.0	0.0	22.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0	25.0	9.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0	18.0	2.0	45.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	16.0	1.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	2.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	3.0	5.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	1.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	16.0	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	1.0	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 0	0.0 0	0.0 0	0.0 0	182.0 9	265.0 14	35.0 13	128.0 15	134.0 14	194.0 18	262.0 16	154.0 9
TOTALES ANUALES	1454.0 mm.										108	Días lluvia

ESTACION: TESORITO

MUNICIPIO: MANIZALES

AÑO:

1981

ALTITUD: 2.200

LATITUD: 5-02 N.

LONGITUD: 75-27 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	2.0	0.0	1.0	6.0	3.0	3.0	5.0	7.0	8.0	1.0	0.0
2	0.0	0.0	0.0	0.0	6.0	13.0	9.0	5.0	3.0	3.0	0.0	0.0
3	0.0	1.0	0.0	0.0	3.0	9.0	7.0	11.0	9.0	8.0	0.0	0.0
4	0.0	2.0	0.0	0.0	0.0	3.0	5.0	0.0	6.0	13.0	16.0	0.0
5	0.0	0.0	3.0	0.0	0.0	5.0	1.0	4.0	0.0	9.0	0.0	18.0
6	0.0	2.0	4.0	0.0	7.0	12.0	3.0	1.0	4.0	6.0	1.0	0.0
7	0.0	8.0	5.0	7.0	7.0	8.0	0.0	0.0	0.0	13.0	5.0	11.5
8	0.0	3.0	0.0	6.0	7.0	13.0	0.0	0.0	7.0	5.0	9.0	0.0
9	0.0	0.0	7.0	6.0	7.0	10.0	2.0	3.0	1.0	4.0	0.0	4.0
10	0.0	0.0	5.0	3.0	7.0	0.0	1.0	3.0	3.0	7.0	2.0	4.0
11	0.0	1.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	29.0	5.0	6.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	7.0	10.0	7.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	7.0	6.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	3.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	3.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	18.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	5.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	1.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	22.0	5.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	13.0	15.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	24.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	4.0	14.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	3.0	1.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	6.0	10.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	1.0	2.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	9.0	1.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	14.0	3.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	8.0	7.0
30	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	3.0	18.0	2.0	8.0
31	0.0	0.0	0.0	0.0	0.0	0.0	6.0	1.0	0.0	5.0	0.0	0.0
Total D. LL.	0.0 0	60.0 16	60.0 20	181.0 28	215.0 28	173.0 22	50.0 15	120.0 25	130.0 25	316.0 31	151.5 23	111.0 17
TOTALES ANUALES	1567.5 mm.										250	Días lluvia

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

ESTACION: LAS PAVAS

MUNICIPIO: MANIZALES

AÑO:

1.981

ALTITUD: 1.420

LATITUD: 5-06 N.

LONGITUD: 75-36 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	5.0	0.0	0.0	2.0	9.0	0.0	0.0	10.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	4.0	0.0	3.0	0.0	0.0	0.0	3.0	0.0	
3	0.0	0.0	0.0	15.0	11.0	5.0	11.0	0.0	14.0	13.0	0.0	0.0	
4	0.0	0.0	2.0	9.0	10.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
5	0.0	0.0	24.0	11.0	14.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	
6	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	34.0	
7	0.0	30.0	12.0	2.0	35.0	24.0	7.0	11.0	1.0	7.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	2.0	28.0	6.0	0.0	0.0	7.0	14.0	14.0	
9	0.0	0.0	0.0	0.0	1.0	0.0	58.0	0.0	3.0	15.0	15.0	0.0	
10	0.0	0.0	0.0	0.0	10.0	11.0	0.0	0.0	25.0	0.0	0.0	0.0	
11	3.0	14.0	0.0	25.0	0.0	0.0	0.0	18.0	0.0	8.0	0.0	0.0	
12	12.0	0.0	0.0	0.0	0.0	0.0	0.0	71.0	0.0	5.0	53.0	0.0	
13	0.0	2.0	1.0	3.0	25.0	0.0	0.0	0.0	0.0	9.0	2.0	0.0	
14	0.0	0.0	0.0	5.0	3.0	0.0	8.0	0.0	12.0	0.0	0.0	0.0	
15	0.0	7.0	50.0	58.0	8.0	3.0	31.0	0.0	0.0	0.0	20.0	0.0	
16	0.0	0.0	0.0	0.0	15.0	22.0	0.0	11.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	11.0	5.0	1.0	0.0	12.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	7.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	7.0	0.0	48.0	5.0	0.0	0.0	1.0	0.0	0.0	34.0	25.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.0	0.0	0.0	0.0	0.0	
21	0.0	4.0	0.0	64.0	10.0	20.0	0.0	0.0	0.0	1.0	0.0	0.0	
22	0.0	25.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	26.0	0.0	0.0	15.0	0.0	9.0	64.0	14.0	
24	0.0	0.0	0.0	12.0	15.0	7.0	0.0	5.0	0.0	0.0	0.0	0.0	
25	0.0	8.0	0.0	0.0	8.0	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	75.0	0.0	0.0	
27	0.0	0.0	0.0	50.0	27.0	0.0	0.0	15.0	8.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	13.0	10.0	27.0	0.0	0.0	11.0	11.0	41.0	0.0	
29	0.0	0.0	0.0	15.0	21.0	14.0	0.0	0.0	3.0	63.0	17.0	0.0	
30	25.0	0.0	0.0	14.0	27.0	3.0	0.0	0.0	0.0	0.0	4.0	32.0	
31	3.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	
Total D. LL	43.0 4	102.0 9	95.0 7	344.0 15	302.0 24	193.0 14	129.0 8	196.0 10	95.0 10	248.0 15	284.0 13	119.0 5	
TOTALES ANUALES							2150.0 mm.				134		Dias lluvia

ESTACION: SANTA TERESITA

MUNICIPIO: MANIZALES

AÑO:

1.981

ALTITUD: 1.350

LATITUD: 5-07 N.

LONGITUD: 75-36 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	5.0	0.0	0.0	0.0	15.0	25.0	0.0	0.0	12.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	14.0	0.0	0.0	7.0	0.0	0.0	0.0	4.0	0.0	
4	0.0	0.0	25.0	25.0	9.0	16.0	3.0	0.0	14.0	18.0	0.0	15.0	
5	0.0	0.0	0.0	0.0	8.0	0.0	23.0	0.0	12.0	0.0	0.0	25.0	
6	0.0	0.0	11.0	0.0	3.0	2.0	0.0	0.0	0.0	0.0	16.0	0.0	
7	0.0	11.0	0.0	2.0	32.0	0.0	0.0	4.0	0.0	10.0	5.0	0.0	
8	0.0	2.0	0.0	0.0	1.0	24.0	7.0	0.0	7.0	0.0	5.0	17.0	
9	0.0	9.0	0.0	0.0	1.0	7.0	37.0	9.0	2.0	2.0	15.0	0.0	
10	0.0	0.0	0.0	0.0	11.0	4.0	19.0	0.0	26.0	0.0	10.0	0.0	
11	2.0	5.0	0.0	16.0	0.0	5.0	0.0	8.0	12.0	0.0	25.0	0.0	
12	9.0	0.0	8.0	15.0	0.0	0.0	0.0	52.0	3.0	0.0	0.0	8.0	
13	0.0	2.0	5.0	0.0	19.0	2.0	0.0	0.0	0.0	15.0	25.0	0.0	
14	0.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	
15	0.0	0.0	48.0	67.0	22.0	3.0	20.0	0.0	0.0	25.0	28.0	0.0	
16	0.0	0.0	0.0	0.0	4.0	30.0	25.0	8.0	0.0	0.0	10.0	12.0	
17	0.0	0.0	3.0	6.0	1.0	4.0	8.0	0.0	0.0	1.0	5.0	0.0	
18	0.0	0.0	0.0	46.0	0.0	10.0	0.0	0.0	0.0	0.0	28.0	17.0	
19	0.0	15.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	6.0	4.0	0.0	
21	0.0	0.0	0.0	55.0	2.0	0.0	0.0	37.0	0.0	0.0	0.0	15.0	
22	0.0	21.0	0.0	11.0	33.0	0.0	0.0	7.0	0.0	0.0	10.0	0.0	
23	0.0	5.0	0.0	29.0	3.0	0.0	0.0	4.0	0.0	0.0	15.0	0.0	
24	0.0	0.0	0.0	0.0	15.0	4.0	0.0	10.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	3.0	0.0	0.0	10.0	0.0	25.0	5.0	0.0	
26	2.0	6.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	5.0	15.0	0.0	
27	0.0	0.0	0.0	39.0	52.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
28	0.0	9.0	0.0	7.0	13.0	20.0	0.0	0.0	14.0	20.0	0.0	0.0	
29	0.0	0.0	0.0	7.0	26.0	40.0	0.0	12.0	0.0	10.0	20.0	0.0	
30	7.0	0.0	0.0	9.0	12.0	3.0	0.0	0.0	0.0	0.0	0.0	28.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	10.0	
Total D. LL	24.0 5	76.0 9	112.0 9	371.0 18	308.0 23	221.0 17	149.0 9	183.0 13	133.0 12	137.0 11	245.0 18	147.0 9	
TOTALES ANUALES							2106.0 mm.				153		Dias lluvia

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

ESTACION: SIFILFIA

MUNICIPIO: MANIZALES

AÑO:

1.981

ALTITUD: 1.400

LATITUD: 5-06 N.

LONGITUD: 75-37 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	1.0	0.0	0.0	3.0	25.0	0.0	0.0	6.0	0.0	1.0	0.0
2	0.0	0.0	0.0	0.0	8.0	20.0	2.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	1.0	17.0	3.0	4.0	2.0	0.0	0.0	14.0	14.0	0.0
4	0.0	0.0	0.0	10.0	5.0	0.0	10.0	0.0	35.0	0.0	6.0	0.0
5	0.0	0.0	22.0	12.0	8.0	0.0	0.0	0.0	4.0	0.0	0.0	26.0
6	0.0	6.0	0.0	0.0	11.0	8.0	2.0	1.0	0.0	2.0	8.0	17.0
7	0.0	3.0	11.0	3.0	17.0	23.0	8.0	5.0	6.0	6.0	1.0	0.0
8	0.0	0.0	0.0	0.0	28.0	25.0	0.0	0.0	6.0	4.0	0.0	0.0
9	0.0	0.0	0.0	0.0	31.0	5.0	47.0	0.0	0.0	3.0	13.0	0.0
10	0.0	16.0	0.0	0.0	22.0	19.0	15.0	0.0	4.0	11.0	25.0	6.0
11	4.0	0.0	0.0	20.0	4.0	4.0	0.0	8.0	0.0	0.0	0.0	5.0
12	10.0	0.0	0.0	7.0	0.0	5.0	0.0	65.0	4.0	5.0	50.0	0.0
13	0.0	0.0	0.0	5.0	0.0	1.0	3.0	0.0	0.0	13.0	3.0	0.0
14	0.0	0.0	38.0	3.0	0.0	12.0	5.0	0.0	0.0	0.0	12.0	0.0
15	0.0	4.0	0.0	4.0	0.0	6.0	34.0	0.0	0.0	3.0	0.0	0.0
16	0.0	0.0	7.0	11.0	0.0	0.0	1.0	6.0	0.0	1.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	11.0	4.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	1.0	0.0	5.0	0.0	6.0	5.0	0.0	0.0	0.0
19	0.0	5.0	0.0	41.0	7.0	0.0	0.0	0.0	0.0	0.0	25.0	19.0
20	0.0	0.0	0.0	0.0	1.0	3.0	40.0	0.0	0.0	0.0	0.0	15.0
21	0.0	6.0	0.0	66.0	17.0	18.0	6.0	47.0	0.0	0.0	0.0	0.0
22	0.0	26.0	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	6.0	0.0	18.0	5.0	0.0	0.0	0.0	0.0	0.0	25.0
24	0.0	4.0	0.0	14.0	26.0	10.0	0.0	6.0	0.0	5.0	0.0	0.0
25	0.0	0.0	0.0	0.0	6.0	4.0	0.0	1.0	3.0	0.0	0.0	0.0
26	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0
27	0.0	0.0	0.0	40.0	8.0	0.0	1.0	20.0	15.0	0.0	8.0	0.0
28	0.0	0.0	0.0	7.0	36.0	19.0	0.0	0.0	12.0	0.0	11.0	4.0
29	0.0	0.0	0.0	13.0	20.0	6.0	0.0	0.0	0.0	26.0	3.0	0.0
30	20.0	0.0	0.0	16.0	20.0	6.0	0.0	0.0	5.0	7.0	0.0	9.0
31	8.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0
Total D. Ll.	42.0	65.0	95.0	336.0	305.0	244.0	180.0	165.0	135.0	141.0	180.0	126.0
TOTALES ANUALES	2014.0 mm.										158	Días lluvia

ESTACION: JAVA
ALTITUD: 1.780

MUNICIPIO: MANIZALES
LATITUD: 5.02 N.

AÑO:

1.981

LONGITUD: 75-33 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	1.0	0.0	0.0	36.0	6.0	2.0	0.0	10.0	0.0	0.0	2.0
2	0.0	0.0	0.0	0.0	7.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	16.5	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
4	0.0	0.0	1.0	31.0	2.0	0.0	10.0	0.0	3.0	0.0	1.0	0.0
5	0.0	2.0	24.0	10.5	12.5	8.0	15.0	0.0	6.0	3.0	0.0	16.0
6	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	39.0	0.0	0.0
7	3.0	0.0	4.0	21.0	15.0	14.0	0.0	7.0	5.0	63.0	16.0	0.0
8	0.0	0.0	4.0	0.0	0.0	16.0	26.0	0.0	12.0	10.0	9.0	0.0
9	0.0	10.0	4.5	0.0	0.0	0.0	24.0	11.0	11.0	4.0	0.0	0.0
10	0.0	0.0	0.0	0.0	72.0	9.0	26.0	0.0	17.0	17.0	5.0	0.0
11	0.0	14.0	0.0	2.0	11.0	0.0	0.0	15.0	17.0	0.0	10.0	17.0
12	0.0	0.0	5.0	0.0	0.0	6.0	0.0	10.0	0.0	18.0	18.0	0.0
13	0.0	25.0	0.0	18.0	6.0	0.0	0.0	0.0	0.0	63.0	22.0	0.0
14	0.0	3.0	11.0	11.0	3.0	0.0	0.0	0.0	4.0	22.0	20.0	0.0
15	0.0	0.0	8.0	6.0	4.0	7.0	49.0	0.0	4.0	0.0	12.0	0.0
16	0.0	0.0	0.0	0.0	9.0	9.0	39.0	28.0	0.0	0.0	0.0	0.0
17	0.0	0.0	6.5	0.0	0.0	5.0	20.0	0.0	0.0	0.0	3.0	0.0
18	0.0	0.0	20.5	0.0	0.0	7.0	0.0	7.0	0.0	7.0	0.0	6.0
19	0.0	4.5	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0
20	0.0	0.0	0.0	0.0	0.0	1.0	41.0	1.5	0.0	0.0	0.0	5.0
21	0.0	3.0	1.5	5.5	9.5	3.0	0.0	0.0	0.0	2.0	48.0	0.0
22	0.0	2.0	2.0	33.0	10.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	9.5	9.0	2.0	0.0	0.0	0.0	6.0	13.0	0.0
24	0.0	0.0	0.0	0.0	12.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	19.0	0.0	0.0	2.0	0.0	0.0	0.0	5.0
26	0.0	0.0	35.5	5.0	0.0	0.0	0.0	0.0	0.0	19.0	10.0	0.0
27	0.0	25.0	30.0	10.0	3.5	0.0	0.0	0.0	4.0	1.0	25.0	0.0
28	4.0	1.0	16.5	0.0	4.0	0.0	0.0	0.0	0.0	2.5	12.0	0.0
29	0.0	0.0	10.0	2.0	0.0	12.0	0.0	10.0	0.0	20.0	23.0	0.0
30	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	4.0	4.0	0.0	30.0
31	43.0	0.0	0.0	0.0	8.0	0.0	0.0	27.0	0.0	20.0	0.0	35.0
Total D. Ll.	50.0	127.5	90.0	268.0	306.0	121.5	256.0	187.5	97.0	322.5	263.0	116.0
TOTALES ANUALES	2205.0 mm.										160	Días lluvia

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

ESTACION: EL RECREO

MUNICIPIO: PALESTINA

AÑO:

1.981

ALTITUD: 1.450

LATITUD: 5-02 N.

LONGITUD: 75-29 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	10.0	20.0	20.0	0.0	10.0	0.0	0.0	20.0	
2	0.0	0.0	0.0	0.0	30.0	0.0	10.0	6.0	15.0	0.0	5.0	0.0	
3	2.0	0.0	0.0	60.0	0.0	0.0	5.0	0.0	5.0	0.0	0.0	0.0	
4	0.0	3.0	40.0	12.0	20.0	0.0	10.0	0.0	20.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	10.0	0.0	20.0	0.0	0.0	0.0	0.0	70.0	
6	0.0	0.0	0.0	20.0	10.0	20.0	42.0	0.0	10.0	10.0	0.0	0.0	
7	5.0	30.0	6.0	4.0	40.0	30.0	0.0	0.0	10.0	20.0	0.0	0.0	
8	0.0	20.0	0.0	0.0	5.0	35.0	20.0	0.0	10.0	10.0	0.0	10.0	
9	2.0	0.0	10.0	0.0	30.0	7.0	35.0	0.0	0.0	10.0	50.0	0.0	
10	0.0	0.0	11.0	2.0	0.0	35.0	10.0	0.0	65.0	0.0	0.0	0.0	
11	20.0	0.0	6.0	11.0	10.0	0.0	6.0	80.0	0.0	40.0	25.0	5.0	
12	0.0	20.0	0.0	6.0	0.0	0.0	0.0	20.0	0.0	10.0	5.0	0.0	
13	0.0	20.0	0.0	10.0	60.0	0.0	20.0	0.0	30.0	10.0	0.0	0.0	
14	0.0	0.0	0.0	5.0	0.0	5.0	0.0	5.0	30.0	0.0	0.0	4.0	
15	0.0	0.0	23.0	101.0	10.0	35.0	30.0	0.0	0.0	10.0	5.0	0.0	
16	16.0	15.0	0.0	60.0	20.0	10.0	40.0	20.0	0.0	35.0	0.0	0.0	
17	0.0	0.0	0.0	65.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0	
18	0.0	2.0	0.0	0.0	10.0	10.0	5.0	0.0	12.0	10.0	50.0	0.0	
19	0.0	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	10.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	35.0	
21	0.0	0.0	10.0	11.0	0.0	10.0	0.0	0.0	40.0	0.0	0.0	0.0	
22	9.0	23.0	0.0	0.0	5.0	0.0	0.0	41.0	0.0	0.0	0.0	0.0	
23	9.0	0.0	0.0	25.0	30.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	
24	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	10.0	10.0	10.0	10.0	0.0	30.0	0.0	20.0	40.0	25.0	
26	16.0	2.0	0.0	50.0	5.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	10.0	45.0	0.0	0.0	0.0	20.0	0.0	35.0	0.0	
28	0.0	0.0	0.0	50.0	20.0	20.0	0.0	0.0	0.0	6.0	0.0	0.0	
29	2.0	0.0	0.0	2.0	40.0	4.0	0.0	0.0	0.0	70.0	10.0	10.0	
30	0.0	0.0	25.0	0.0	15.0	5.0	0.0	0.0	10.0	0.0	30.0	20.0	
31	0.0	0.0	0.0	0.0	5.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	
Total	63.0	155.0	141.0	534.0	470.0	276.0	283.0	232.0	257.0	306.0	295.0	219.0	
D.LL	7	10	9	20	23	16	15	9	14	15	11	11	
TOTALES ANUALES								3231.0 mm.			160		Dias lluvia

ESTACION: LA FRANCIA

MUNICIPIO: CHINCHINA

AÑO:

1.981

ALTITUD: 1.360

LATITUD: 4-59 N.

LONGITUD: 75-41 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	0.0	13.0	19.0	0.0	13.0	0.0	0.0	0.0	
2	0.0	0.0	9.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	53.0	12.0	0.0	4.0	0.0	0.0	5.0	6.0	0.0	
4	0.0	0.0	17.0	0.0	44.0	17.0	0.0	0.0	12.0	0.0	0.0	0.0	
5	0.0	7.0	80.0	0.0	14.0	0.0	10.0	0.0	0.0	2.0	0.0	40.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	6.0	0.0	32.0	30.0	
7	4.0	0.0	6.0	4.0	7.0	50.0	0.0	0.0	0.0	9.0	0.0	16.0	
8	0.0	10.0	64.0	0.0	0.0	60.0	4.0	5.0	21.0	0.0	12.0	0.0	
9	0.0	0.0	27.0	0.0	0.0	4.0	69.0	0.0	0.0	20.0	19.0	0.0	
10	0.0	0.0	0.0	0.0	20.0	30.0	30.0	1.0	41.0	0.0	28.0	0.0	
11	0.0	6.0	0.0	12.0	32.0	18.0	18.0	0.0	14.0	14.0	32.0	0.0	
12	0.0	0.0	8.0	30.0	0.0	0.0	10.0	15.0	11.0	10.0	0.0	0.0	
13	0.0	0.0	8.0	22.0	39.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
14	0.0	32.0	0.0	56.0	0.0	0.0	4.0	0.0	19.0	0.0	0.0	25.0	
15	0.0	0.0	38.0	0.0	38.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	3.0	0.0	15.0	0.0	7.0	24.0	18.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	11.0	0.0	0.0	12.0	0.0	0.0	0.0	36.0	0.0	
18	0.0	0.0	0.0	21.0	0.0	31.0	0.0	0.0	0.0	42.0	2.0	0.0	
19	12.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	0.0	
20	0.0	0.0	3.0	14.0	0.0	0.0	12.0	3.0	0.0	32.0	0.0	2.0	
21	0.0	0.0	15.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	
22	0.0	26.0	0.0	0.0	8.0	0.0	1.0	0.0	0.0	0.0	0.0	3.0	
23	0.0	7.0	0.0	0.0	30.0	0.0	0.0	12.0	0.0	16.0	8.5	0.0	
24	0.0	0.0	0.0	13.0	25.0	16.0	0.0	12.0	0.0	0.0	10.0	0.0	
25	0.0	0.0	21.0	0.0	17.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	
26	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	
27	0.0	0.0	0.0	42.0	38.0	8.0	0.0	0.0	0.0	12.0	10.0	0.0	
28	7.0	0.0	13.0	0.0	5.0	0.0	0.0	0.0	16.0	0.0	10.0	0.0	
29	0.0	0.0	0.0	26.0	30.0	12.0	0.0	0.0	0.0	0.0	20.0	0.0	
30	21.0	0.0	0.0	30.0	31.0	0.0	0.0	0.0	20.0	23.0	25.0	36.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	20.0	0.0	5.0	
Total	47.0	97.0	309.0	369.0	390.0	266.0	232.0	100.0	173.0	227.0	282.0	160.0	
D.LL	5	9	13	15	16	12	15	9	10	14	17	9	
TOTALES ANUALES								2652.0 mm.			144		Dias lluvia

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

ESTACION: INSTITUTO TECNICO MUNICIPIO: SANTANDER AÑO: 1.981
 ALTITUD: 1.112 LATITUD: 3-01 N. LONGITUD: 76-29 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	23.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	15.0
2	6.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	8.0	0.0	0.0
3	2.0	1.0	47.0	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	6.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	13.0
5	0.0	22.0	0.0	8.0	6.0	0.0	7.0	0.0	4.0	0.0	0.0	15.0
6	0.0	0.0	0.0	0.0	10.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
7	9.0	0.0	0.0	1.0	7.0	1.0	0.0	4.0	0.0	69.0	2.0	0.0
8	0.0	0.0	5.0	6.0	12.0	4.0	0.0	0.0	11.0	8.0	1.0	0.0
9	3.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	5.0	12.0	0.0
10	1.0	0.0	0.0	0.0	9.0	0.0	0.0	2.0	0.0	26.0	9.0	0.0
11	2.0	43.0	0.0	0.0	2.0	14.0	0.0	0.0	0.0	0.0	35.0	0.0
12	1.0	10.0	0.0	25.0	20.0	5.0	36.0	0.0	0.0	21.0	1.0	0.0
13	0.0	0.0	6.0	12.0	21.0	6.0	0.0	0.0	0.0	9.0	9.0	0.0
14	0.0	2.0	0.0	13.0	7.0	2.0	1.0	0.0	0.0	10.0	3.0	0.0
15	0.0	0.0	0.0	15.0	7.0	0.0	0.0	1.0	0.0	0.0	14.0	0.0
16	0.0	11.0	0.0	35.0	13.0	4.0	0.0	0.0	0.0	0.0	35.0	0.0
17	0.0	0.0	5.0	25.0	2.0	8.0	0.0	0.0	0.0	0.0	2.0	0.0
18	9.0	0.0	0.0	14.0	17.0	0.0	0.0	0.0	0.0	1.0	2.0	0.0
19	0.0	2.0	1.0	6.0	23.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0
20	0.0	18.0	2.0	0.0	2.0	15.0	0.0	7.0	0.0	0.0	6.0	0.0
21	0.0	0.0	0.0	5.0	8.0	9.0	0.0	1.0	3.0	0.0	2.0	0.0
22	0.0	0.0	15.0	16.0	13.0	0.0	0.0	3.0	0.0	41.0	9.0	38.0
23	0.0	32.0	0.0	9.0	14.0	0.0	0.0	0.0	0.0	6.0	81.0	0.0
24	0.0	0.0	0.0	0.0	2.0	3.0	0.0	0.0	0.0	0.0	20.0	0.0
25	0.0	0.0	12.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	3.0	0.0	6.0	6.0	8.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
27	0.0	0.0	0.0	8.0	6.0	4.0	0.0	0.0	0.0	0.0	5.0	0.0
28	0.0	0.0	0.0	1.0	2.0	2.0	0.0	5.0	0.0	11.0	56.0	0.0
29	6.0	0.0	0.0	0.0	12.0	1.0	0.0	28.0	0.0	3.0	34.0	3.0
30	0.0	0.0	0.0	22.0	9.0	3.0	0.0	0.0	14.0	0.0	0.0	5.0
31	48.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	14.0	0.0	10.0
Total D.LL.	90.0	164.0	99.0	233.0	244.0	124.0	46.0	51.0	32.0	232.0	363.0	99.0
	11	10	9	19	27	17	4	8	4	14	23	7
TOTALES ANUALES	1777.0 mm.										153	Días lluvia

ESTACION: LA TRINIDAD MUNICIPIO: PIENDAMO AÑO: 1.981
 ALTITUD: 1.600 LATITUD: 2-41 N. LONGITUD: 76-32 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	5.0	5.0	0.0	0.0	0.0	11.0	14.0	0.0	2.0	6.0	0.0	0.0
2	0.0	0.0	0.0	25.0	11.0	0.0	21.0	0.0	0.0	8.0	2.0	3.0
3	0.0	0.0	0.0	2.0	11.0	0.0	4.0	0.0	6.0	12.0	16.0	8.0
4	0.0	3.0	2.0	1.0	6.0	0.0	2.0	0.0	0.0	2.0	7.0	0.0
5	0.0	0.0	19.0	12.0	10.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	39.0	0.0	0.0	12.0	13.0	0.0	1.0	0.0	0.0	0.0
7	0.0	0.0	51.0	15.0	21.0	2.0	5.0	1.0	0.0	2.0	21.0	0.0
8	12.0	28.0	21.0	10.0	0.0	38.0	0.0	0.0	0.0	10.0	8.0	13.0
9	0.0	10.0	18.0	2.0	32.0	11.0	14.0	0.0	7.0	8.0	9.0	6.0
10	0.0	0.0	7.0	1.0	8.0	2.0	8.0	0.0	2.0	5.0	6.0	1.0
11	0.0	25.0	0.0	0.0	9.0	2.0	0.0	0.0	6.0	0.0	15.0	0.0
12	0.0	4.0	1.0	5.0	0.0	1.0	0.0	0.0	1.0	8.0	10.0	0.0
13	0.0	2.0	3.0	21.0	52.0	3.0	4.0	0.0	0.0	0.0	18.0	0.0
14	0.0	26.0	46.0	11.0	5.0	6.0	0.0	0.0	2.0	6.0	12.0	0.0
15	0.0	18.0	21.0	15.0	54.0	0.0	14.0	0.0	0.0	4.0	11.0	0.0
16	0.0	21.0	14.0	6.0	6.0	0.0	32.0	0.0	0.0	6.0	13.0	0.0
17	0.0	15.0	4.0	10.0	2.0	0.0	0.0	0.0	0.0	9.0	12.0	0.0
18	21.0	2.0	0.0	25.0	0.0	7.0	3.0	3.0	0.0	0.0	0.0	0.0
19	0.0	4.0	0.0	23.0	0.0	4.0	0.0	35.0	0.0	0.0	0.0	2.0
20	0.0	2.0	2.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0	6.0	27.0
21	0.0	14.0	1.0	22.0	19.0	0.0	0.0	1.0	0.0	0.0	0.0	15.0
22	0.0	5.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	5.0	8.0	0.0
23	0.0	22.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	3.0	19.0	0.0
24	0.0	6.0	1.0	2.0	32.0	16.0	0.0	28.0	0.0	0.0	12.0	101.0
25	0.0	0.0	2.0	1.0	8.0	0.0	0.0	2.0	0.0	9.0	4.0	25.0
26	0.0	0.0	0.0	2.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0
27	0.0	0.0	0.0	52.0	10.0	0.0	0.0	1.0	0.0	4.0	61.0	0.0
28	0.0	0.0	22.0	10.0	1.0	0.0	0.0	0.0	22.0	33.0	26.0	0.0
29	0.0	0.0	1.0	28.0	24.0	17.0	0.0	23.0	18.0	3.0	18.0	6.0
30	18.0	0.0	0.0	32.0	36.0	35.0	0.0	0.0	2.0	0.0	7.0	0.0
31	6.0	0.0	0.0	0.0	1.0	0.0	0.0	3.0	0.0	0.0	0.0	62.0
Total D.LL.	62.0	212.0	275.0	333.0	370.0	199.0	137.0	110.0	47.0	133.0	328.0	295.0
	5	18	19	24	22	16	13	11	10	20	23	13
TOTALES ANUALES	2501.0 mm.										194	Días lluvia

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

ESTACION: LA AURELIA

MUNICIPIO: CAJIBIO

AÑO: 1.981

ALTITUD: 1.840

LATITUD: 2-37 N.

LONGITUD: 76-35 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	14.0	12.0		
2	0.0	0.0	0.0	0.0	0.0	8.0	6.0	0.0	0.0	0.0		
3	0.0	0.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0		
4	0.0	14.0	12.0	38.0	10.0	0.0	16.0	0.0	0.0	0.0		
5	0.0	0.0	15.0	0.0	0.0	21.0	0.0	0.0	0.0	8.0		
6	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0		
7	0.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0	0.0	0.0		
8	56.0	6.0	42.0	0.0	18.0	8.0	25.0	0.0	0.0	0.0		
9	0.0	5.0	9.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0		
10	0.0	0.0	31.0	16.0	6.0	0.0	0.0	0.0	0.0	0.0		
11	2.0	0.0	2.0	0.0	10.0	10.0	14.0	0.0	0.0	11.0		
12	0.0	13.0	0.0	0.0	11.0	0.0	0.0	29.0	0.0	0.0		
13	0.0	0.0	10.0	0.0	25.0	0.0	0.0	0.0	0.0	4.0		
14	0.0	28.0	22.0	0.0	0.0	6.0	8.0	0.0	0.0	0.0		
15	20.0	32.0	48.0	12.0	0.0	0.0	6.0	0.0	16.0	0.0		
16	0.0	0.0	16.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0		
17	0.0	8.0	38.0	6.0	0.0	36.0	6.0	1.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0		
19	0.0	19.0	0.0	8.0	4.0	0.0	18.0	0.0	0.0	0.0		
20	0.0	2.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	18.0		
21	0.0	8.0	0.0	14.0	30.0	8.0	0.0	0.0	0.0	44.0		
22	0.0	25.0	0.0	4.0	54.0	0.0	0.0	5.0	0.0	10.0		
23	0.0	0.0	0.0	16.0	0.0	0.0	0.0	6.0	0.0	0.0		
24	0.0	0.0	36.0	0.0	14.0	6.0	0.0	0.0	0.0	8.0		
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	18.0	12.0	0.0	0.0	0.0	0.0	4.0		
27	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0		
29	28.0	0.0	61.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0		
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
31	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Total	114.0	166.0	354.0	185.0	228.0	131.0	147.0	62.0	54.0	144.0		
D.LL.	7	12	15	13	14	10	12	6	4	10		
TOTALES ANUALES												Días Huvia

mm.

ESTACION: PORTACHUELO
ALTITUD: 1.750

MUNICIPIO: ROSAS
LATITUD: 2-15 N.

AÑO: 1.981
LONGITUD: 76-43 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	1.0	0.0	0.0	0.0	20.0	0.0	32.0	0.0	0.0	0.0	0.0	20.0
2	0.0	0.0	0.0	0.0	46.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
3	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	6.0	3.0	0.0
4	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0	0.0	16.0	7.5	50.0
5	0.0	0.0	27.5	21.0	2.0	0.0	0.0	0.0	0.0	2.5	0.0	19.0
6	0.0	0.0	4.5	5.5	14.5	30.0	0.0	0.0	0.0	0.0	0.0	4.0
7	41.0	0.0	5.0	25.0	27.0	33.0	0.0	0.0	0.0	0.0	16.5	0.0
8	1.5	0.0	15.5	16.5	0.0	36.0	0.0	0.0	0.0	10.0	13.0	0.0
9	0.0	11.0	10.0	0.0	3.5	0.0	5.0	0.0	6.0	25.0	22.0	0.0
10	0.0	0.0	10.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	26.5	0.0
11	0.0	42.5	0.0	0.0	14.5	4.5	0.0	1.0	0.0	8.0	14.0	19.0
12	22.0	0.0	34.0	0.0	9.0	0.0	0.0	0.0	45.0	16.5	29.5	0.0
13	0.0	13.0	0.0	13.0	28.0	0.0	0.0	0.0	6.0	0.0	3.0	0.0
14	0.0	46.0	27.5	12.0	0.0	0.0	0.0	0.0	0.0	6.5	26.0	30.0
15	0.0	5.0	16.5	32.0	25.8	0.0	0.0	0.0	0.0	0.0	15.0	0.0
16	0.0	7.0	3.0	2.5	0.0	0.0	0.0	25.0	0.0	0.0	18.5	8.0
17	15.0	0.0	14.0	7.0	20.0	0.0	4.5	14.5	0.0	0.0	24.0	8.0
18	17.0	0.0	12.0	82.0	11.0	2.5	0.0	0.0	0.0	10.0	56.5	0.0
19	0.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	12.5	54.0	59.0
20	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0
21	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	0.0
22	0.0	0.0	2.5	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	10.0	0.0	10.0	11.0	0.0	0.0	1.0	0.0	23.0	20.0	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	26.0	15.0	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	45.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	30.0	0.0
Total	106.0	147.0	287.0	307.5	323.5	118.0	47.5	76.0	57.0	311.0	598.5	261.5
D.LL.	8	10	19	17	19	7	4	10	3	14	23	14
TOTALES ANUALES												Días Huvia

2740.5 mm.

148

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

ESTACION: LOS PANTANOS

MUNICIPIO: VERGARA

AÑO:

1.981

ALTITUD: 1.550

LATITUD: 5-07 N.

LONGITUD: 74-21 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	10.0	40.0	0.0	0.0	0.0		0.0	0.0
2	0.0	0.0	0.0	10.0	20.0	0.0	0.0	0.0	0.0		19.0	0.0
3	0.0	0.0	0.0	20.0	30.0	0.0	0.0	0.0	0.0		2.0	0.0
4	0.0	0.0	20.0	30.0	40.0	0.0	0.0	0.0	0.0		0.0	25.0
5	0.0	0.0	0.0	0.0	10.0	50.0	0.0	0.0	0.0		0.0	5.0
6	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	15.0		0.0	0.0
7	0.0	0.0	5.0	50.0	10.0	2.0	0.0	0.0	0.0		0.0	0.0
8	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0		10.0	0.0
9	0.0	0.0	0.0	0.0	60.0	10.0	0.0	0.0	0.0		0.0	0.0
10	0.0	0.0	0.0	0.0	30.0	10.0	0.0	0.0	0.0		12.0	0.0
11	0.0	0.0	0.0	0.0	70.0	0.0	0.0	10.0	0.0		0.0	3.0
12	0.0	50.0	0.0	0.0	60.0	0.0	0.0	0.0	0.0		16.0	0.0
13	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0		2.0	0.0
14	0.0	20.0	0.0	0.0	30.0	0.0	10.0	0.0	0.0		9.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		3.0	0.0
16	0.0	30.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0		21.0	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		7.0	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
20	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0		0.0	20.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		7.0	40.0
22	0.0	0.0	0.0	0.0	10.0	20.0	0.0	0.0	0.0		5.0	0.0
23	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0		10.0	0.0
24	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0		6.0	0.0
25	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0		0.0	0.0
26	10.0	0.0	30.0	0.0	0.0	10.0	5.0	0.0	25.0		0.0	0.0
27	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		11.0	0.0
28	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0		29.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	20.0
30	20.0	0.0	40.0	10.0	10.0	0.0	0.0	0.0	0.0		15.0	0.0
31	0.0	0.0	0.0	0.0	15.0	5.0	0.0	0.0	0.0		30.0	0.0
Total D. LL.	3	3	4	14	20	6	2	4	2		20	8
TOTALES ANUALES	mm.											Días lluvia

ESTACION: SECRETARIA DE AGRICULTURA

MUNICIPIO: GUADUAS

AÑO:

1.981

ALTITUD: 1.060

LATITUD: 5-04 N.

LONGITUD: 74-26 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	9.0	40.0	28.0	0.0	0.0	0.0	17.0	0.0
2	0.0	26.0	0.0	0.0	50.0	0.0	12.0	0.0	0.0	0.0	0.0	1.0
3	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0
4	0.0	1.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	2.0
5	10.0	0.0	6.0	20.0	74.0	0.0	2.0	0.0	0.0	0.0	0.0	6.0
6	14.0	0.0	6.0	0.0	0.0	32.0	0.0	8.0	2.0	1.0	0.0	4.0
7	19.0	0.0	3.0	10.0	0.0	6.0	0.0	0.0	0.0	0.0	10.0	0.0
8	0.0	0.0	13.0	16.0	14.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0
9	0.0	0.0	4.0	0.0	0.0	0.0	3.0	0.0	0.0	19.0	0.0	0.0
10	24.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	9.0	3.0	0.0	0.0	0.0	16.0	0.0	5.0
12	0.0	0.0	0.0	1.0	20.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0
13	2.0	2.0	4.0	4.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	3.0
14	0.0	0.0	0.0	22.0	9.0	0.0	0.0	0.0	27.0	7.0	0.0	0.0
15	0.0	0.0	0.0	14.0	8.0	0.0	0.0	0.0	1.0	23.0	16.0	0.0
16	0.0	0.0	0.0	4.0	0.0	15.0	0.0	0.0	0.0	6.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	2.0	13.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	51.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	2.0	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	5.0	7.0
22	0.0	0.0	0.0	0.0	2.0	3.0	0.0	8.0	0.0	0.0	0.0	0.0
23	0.0	20.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	30.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	12.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	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	6.0	4.0	0.0	0.0	0.0	0.0	11.0	31.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	5.0	4.0	6.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	8.0	14.0	0.0
30	0.0	0.0	25.0	0.0	12.0	16.0	0.0	0.0	24.0	0.0	32.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.0	0.0	0.0
Total D. LL.	4	10	6	17	16	10	5	8	8	14	14	8
TOTALES ANUALES	1506.7 mm.											Días lluvia

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

ESTACION: LA CARLINA

MUNICIPIO: SAN FRANCISCO AÑO: 1.981

ALTITUD: 1.665

LATITUD: 4-59 N.

LONGITUD: 74-17 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	3.0	0.0	0.0	0.0	22.0	15.0	0.0	0.0	10.0	0.0	0.0	0.0	
2	0.0	0.0	13.0	16.0	14.0	0.0	0.0	0.0	7.0	0.0	30.0	0.0	
3	0.0	15.0	0.0	0.0	22.0	0.0	0.0	9.0	0.0	4.0	3.0	0.0	
4	0.0	0.0	0.0	12.0	7.0	0.0	1.0	0.0	9.0	5.0	30.0	0.0	
5	0.0	7.0	3.0	9.0	27.0	0.0	2.0	0.0	0.0	0.0	0.0	10.0	
6	0.0	0.0	0.0	7.0	1.0	0.0	12.0	0.0	3.0	22.0	14.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	5.0	0.0	
8	1.0	0.0	0.0	15.0	7.0	0.0	0.0	15.0	0.0	11.0	8.0	0.0	
9	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	8.0	1.0	0.0	
10	2.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	4.0	13.0	0.0	0.0	
11	3.0	22.0	0.0	0.0	27.0	0.0	0.0	0.0	2.0	2.0	27.0	0.0	
12	3.0	22.0	0.0	0.0	23.0	0.0	0.0	0.0	4.0	20.0	61.0	0.0	
13	11.0	6.0	0.0	10.0	0.0	0.0	1.0	0.0	7.0	0.0	38.0	0.0	
14	0.0	2.0	1.0	12.0	10.0	0.0	0.0	0.0	2.0	50.0	13.0	0.0	
15	0.0	32.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	4.0	11.0	0.0	
16	0.0	32.0	0.0	17.0	0.0	0.0	0.0	17.0	0.0	2.0	5.0	0.0	
17	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	
18	0.0	0.0	0.0	39.0	0.0	9.0	1.0	0.0	0.0	0.0	7.0	2.0	
19	0.0	21.0	0.0	7.0	0.0	2.0	1.0	0.0	0.0	3.0	35.0	3.0	
20	0.0	0.0	0.0	5.0	0.0	0.0	5.0	0.0	0.0	10.0	24.0	9.0	
21	0.0	0.0	7.0	32.0	0.0	0.0	0.0	0.0	0.0	12.0	5.0	14.0	
22	0.0	4.0	0.0	18.0	2.0	3.0	0.0	0.0	0.0	7.0	9.0	1.0	
23	0.0	2.0	0.0	5.0	6.0	0.0	0.0	0.0	0.0	8.0	0.0	3.0	
24	0.0	2.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
25	22.0	0.0	0.0	9.0	1.0	0.0	0.0	10.0	0.0	4.0	0.0	3.0	
26	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	6.0	5.0	
27	0.0	0.0	0.0	51.0	0.0	0.0	0.0	0.0	0.0	17.0	4.0	0.0	
28	9.0	0.0	5.0	0.0	9.0	0.0	0.0	9.0	0.0	2.0	6.0	0.0	
29	4.0	0.0	4.0	7.0	12.0	8.0	0.0	7.0	8.0	1.0	6.0	0.0	
30	0.0	0.0	0.0	0.0	60.0	30.0	0.0	5.0	1.0	26.0	3.0	36.0	
31	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	31.0	0.0	10.0	
Total	78.0	184.0	132.0	288.0	322.0	83.0	28.0	87.0	57.0	278.0	359.0	96.0	
D.LL	10	12	14	19	23	8	8	8	11	23	24	11	
TOTALES ANUALES											1992.0 mm.		Días Húvies
											171		

ESTACION: EL TRIANGULO
ALTITUD: 1.500

MUNICIPIO: SASAIMA
LATITUD: 4-58 N.

AÑO: 1.981
LONGITUD: 74-26 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	4.0	0.0	0.0	0.0	39.0	24.0	5.0	0.0	0.0	0.0	20.0	0.0	
2	1.0	13.0	0.0	32.0	5.0	0.0	18.0	1.0	0.0	1.0	0.0	0.0	
3	0.0	4.0	0.0	8.0	26.0	15.0	0.0	0.0	0.0	0.0	15.0	0.0	
4	0.0	4.0	0.0	12.0	11.0	0.0	0.0	0.0	5.0	2.0	23.0	11.0	
5	3.0	0.0	20.0	14.0	51.0	0.0	5.0	0.0	0.0	9.0	1.0	4.0	
6	3.0	2.0	22.0	0.0	2.0	59.0	11.0	0.0	10.0	37.0	1.0	4.0	
7	0.0	2.0	7.0	5.0	70.0	21.0	0.0	3.0	1.0	8.0	2.0	1.0	
8	16.0	21.0	29.0	22.0	9.0	1.0	0.0	0.0	0.0	11.0	15.0	0.0	
9	0.0	1.0	2.0	0.0	3.0	0.0	8.0	0.0	1.0	18.0	2.0	0.0	
10	11.0	0.0	34.0	0.0	8.0	1.0	7.0	0.0	15.0	2.0	0.0	0.0	
11	18.0	23.0	1.0	0.0	23.0	12.0	0.0	2.0	1.0	16.0	15.0	2.0	
12	1.0	33.0	27.0	26.0	8.0	4.0	0.0	16.0	1.0	1.0	3.0	2.0	
13	16.0	0.0	43.0	14.0	5.0	5.0	0.0	0.0	23.0	0.0	58.0	1.0	
14	0.0	4.0	2.0	42.0	4.0	1.0	1.0	0.0	2.0	46.0	16.0	0.0	
15	1.0	38.0	1.0	33.0	3.0	1.0	1.0	0.0	10.0	26.0	51.0	17.0	
16	1.0	29.0	0.0	8.0	6.0	4.0	1.0	7.0	2.0	2.0	15.0	9.0	
17	0.0	0.0	0.0	17.0	22.0	0.0	21.0	10.0	0.0	0.0	7.0	1.0	
18	0.0	4.0	0.0	18.0	11.0	5.0	1.0	1.0	0.0	0.0	8.0	17.0	
19	0.0	8.0	0.0	6.0	0.0	3.0	1.0	0.0	0.0	4.0	41.0	2.0	
20	0.0	44.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0	0.0	2.0	51.0	
21	0.0	0.0	0.0	46.0	0.0	0.0	0.0	0.0	0.0	3.0	15.0	4.0	
22	0.0	0.0	29.0	5.0	1.0	0.0	0.0	1.0	0.0	8.0	5.0	3.0	
23	0.0	3.0	3.0	36.0	0.0	0.0	0.0	7.0	0.0	9.0	1.0	10.0	
24	10.0	4.0	2.0	2.0	19.0	1.0	0.0	3.0	0.0	1.0	3.0	0.0	
25	25.0	3.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	4.0	4.0	7.0	
26	12.0	0.0	0.0	12.0	0.0	2.0	0.0	0.0	0.0	0.0	28.0	5.0	
27	1.0	0.0	5.0	26.0	0.0	13.0	0.0	2.0	0.0	4.0	56.0	1.0	
28	25.0	0.0	4.0	2.0	5.0	1.0	0.0	0.0	1.0	6.0	34.0	0.0	
29	5.0	0.0	2.0	0.0	4.0	11.0	0.0	20.0	0.0	16.0	11.0	0.0	
30	22.0	0.0	3.0	6.0	36.0	67.0	0.0	0.0	0.0	1.0	13.0	77.0	
31	1.0	0.0	0.0	0.0	22.0	0.0	0.0	3.0	0.0	52.0	0.0	1.0	
Total	177.0	240.0	257.0	394.0	418.0	252.0	80.0	85.0	72.0	287.0	465.0	230.0	
D.LL	20	18	19	23	25	21	12	14	12	24	28	21	
TOTALES ANUALES											2957.0 mm.		Días Húvies
											237		

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

ESTACION: ICALI

MUNICIPIO: SASAIMA

AÑO: 1.981

ALTITUD: 1.380

LATITUD: 4-57 N.

LONGITUD: 74-25 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	50.0	2.0	20.0	0.0	0.0	0.0	12.0	0.0	
2	0.0	0.0	0.0	27.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	7.0	0.0	19.0	26.0	5.0	0.0	0.0	0.0	4.0	9.0	0.0	
4	0.0	26.0	0.0	0.0	14.0	0.0	10.0	0.0	0.0	1.0	10.0	3.0	
5	4.0	0.0	3.0	29.0	21.0	7.0	11.0	0.0	0.0	12.0	0.0	2.0	
6	2.0	0.0	15.0	14.0	18.0	9.0	0.0	0.0	8.0	27.0	19.0	0.0	
7	0.0	9.0	0.0	13.0	105.0	36.0	0.0	0.0	0.0	12.0	0.0	0.0	
8	9.0	28.0	49.0	15.0	10.0	0.0	0.0	0.0	0.0	7.0	44.0	0.0	
9	0.0	0.0	8.0	0.0	18.0	0.0	6.0	0.0	0.0	6.0	0.0	0.0	
10	0.0	3.0	4.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	
11	27.0	30.0	0.0	0.0	68.0	14.0	0.0	0.0	0.0	10.0	14.0	0.0	
12	0.0	35.0	8.0	30.0	19.0	0.0	4.0	17.0	8.0	0.0	0.0	5.0	
13	12.0	0.0	22.0	17.0	8.0	4.0	0.0	0.0	0.0	1.0	46.0	0.0	
14	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	13.0	24.0	0.0	0.0	
15	0.0	0.0	0.0	50.0	23.0	0.0	0.0	0.0	0.0	30.0	9.0	12.0	
16	0.0	50.0	0.0	32.0	0.0	8.0	0.0	15.0	0.0	3.0	11.0	22.0	
17	0.0	0.0	0.0	15.0	10.0	0.0	37.0	13.0	0.0	0.0	10.0	14.0	
18	0.0	15.0	0.0	7.0	0.0	10.0	0.0	0.0	0.0	0.0	4.0	41.0	
19	0.0	0.0	0.0	11.0	0.0	0.0	10.0	0.0	0.0	0.0	3.0	30.0	
20	0.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	30.0	30.0	
21	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	17.0	
22	0.0	0.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	7.0	0.0	
23	0.0	3.0	0.0	42.0	8.0	0.0	0.0	50.0	0.0	3.0	0.0	19.0	
24	37.0	4.0	6.0	4.0	15.0	0.0	0.0	10.0	0.0	3.0	7.0	0.0	
25	18.0	2.0	0.0	4.0	12.0	17.0	0.0	18.0	0.0	0.0	9.0	0.0	
26	24.0	0.0	15.0	26.0	4.0	0.0	0.0	9.0	0.0	0.0	10.0	7.0	
27	0.0	0.0	0.0	5.0	22.0	6.0	0.0	2.0	0.0	1.0	35.0	5.0	
28	13.0	0.0	0.0	5.0	6.0	0.0	0.0	0.0	0.0	5.0	43.0	0.0	
29	0.0	0.0	18.0	4.0	20.0	14.0	0.0	4.0	0.0	21.0	50.0	0.0	
30	32.0	0.0	0.0	4.0	19.0	18.0	0.0	4.0	0.0	4.0	51.0	0.0	
31	0.0	0.0	0.0	2.0	41.0	0.0	0.0	10.0	0.0	0.0	2.0	65.0	
Total	178.0	247.0	217.0	405.0	537.0	161.0	88.0	97.0	40.0	230.0	457.0	275.0	
D. LL.	10	13	12	22	22	15	6	9	4	20	21	14	
TOTALES ANUALES											2932.0 mm.	168	Dias lluvia

ESTACION: BELLO HORIZONTE

MUNICIPIO: S. ANTONIO TENA

AÑO: 1.981

ALTITUD: 1.380

LATITUD: 4-37 N.

LONGITUD: 74-21 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	15.0	15.0	
2	0.0	0.0	0.0	4.0	4.0			0.0	0.0	0.0	0.0	5.0	
3	0.0	0.0	0.0	5.0	7.0			0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	35.0	0.0			0.0	0.0	0.0	8.0	10.0	
5	0.0	0.0	0.0	6.0	18.0			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	14.0			0.0	0.0	0.0	0.0	0.0	
8	52.0	0.0	0.0	0.0	5.0			0.0	0.0	0.0	0.0	0.0	
9	0.0	10.0	0.0	0.0	8.0			0.0	0.0	6.0	5.0	12.0	
10	0.0	4.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	5.0	
11	32.0	0.0	0.0	0.0	0.0		12.0	0.0	0.0	5.0	22.0	0.0	
12	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	20.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	15.0		0.0	10.0	0.0	0.0	35.0	15.0	
14	0.0	0.0	0.0	4.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	37.0	0.0		0.0	0.0	0.0	0.0	5.0	0.0	
16	0.0	0.0	0.0	17.0	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	24.0	15.0		0.0	0.0	0.0	0.0	4.0	7.0	
19	0.0	0.0	0.0	52.0	7.0		0.0	0.0	0.0	0.0	7.0	4.0	
20	0.0	0.0	0.0	24.0	0.0		0.0	20.0	0.0	5.0	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	12.0	0.0	5.0		0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	4.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	6.0	0.0		0.0	16.0	0.0	9.0	4.0	0.0	
25	0.0	0.0	0.0	8.0	0.0		0.0	0.0	0.0	7.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	8.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	20.0		0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	14.0	19.0	18.0		0.0	15.0	0.0	0.0	50.0	0.0	
29	13.0	0.0	6.0	0.0	12.0		0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	8.0	0.0		5.0	0.0	0.0	0.0	0.0	10.0	
31	0.0	0.0	0.0	0.0	0.0		0.0	7.0	0.0	36.0	0.0	12.0	
Total	97.0	14.0	32.0	253.0	148.0		17.0	68.0	6.0	81.0	160.0	109.0	
D. LL.	3	2	3	15	13		2	5	1	6	11	12	
TOTALES ANUALES											mm.		Dias lluvia

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

ESTACION: EL REFUGIO

MUNICIPIO: LA MESA

AÑO:

1.981

ALTITUD: 1.250

LATITUD: 4-39 N.

LONGITUD: 74-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	25.0	4.0	0.0	0.0	0.0	12.0		0.0
2	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	10.0		0.0
3	0.0	11.0	0.0	13.0	40.0	13.0	0.0	0.0	10.0	9.0		0.0
4	0.0	0.0	0.0	16.0	50.0	3.0	0.0	0.0	0.0	14.0		0.0
5	0.0	0.0	8.0	35.0	20.0	2.0	0.0	0.0	5.0	0.0		16.0
6	21.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0		14.0
7	0.0	0.0	3.0	0.0	13.0	0.0	0.0	20.0	0.0	28.0		8.0
8	20.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0		12.0
9	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0		0.0
10	0.0	0.0	11.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0		0.0
11	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0		20.0
12	25.0	30.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0		10.0
13	0.0	29.0	0.0	5.0	8.0	0.0	0.0	22.0	7.0	0.0		0.0
14	0.0	8.5	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0		0.0
15	0.0	0.0	5.0	0.0	7.0	0.0	0.0	0.0	0.0	3.0		0.0
16	0.0	0.0	6.5	0.0	0.0	0.0	0.0	1.0	0.0	7.0		0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	9.0		4.0
18	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	2.0		34.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		18.0
20	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0		4.0
21	0.0	0.0	0.0	0.0	15.0	0.0	0.0	1.0	0.0	1.0		19.0
22	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0		0.0
23	0.0	1.0	0.0	4.0	10.5	0.0	0.0	0.0	0.0	26.0		0.0
24	0.0	0.0	0.0	35.0	10.0	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	10.0	0.0	14.0	0.0	0.0	8.0	0.0	0.0		0.0
27	0.0	0.0	3.0	15.0	0.0	6.0	0.0	0.0	0.0	10.0		0.0
28	11.0	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	12.0	0.0	0.0		0.0
30	0.0	0.0	0.0	20.0	0.0	0.0	0.0	11.0	0.0	0.0		0.0
31	0.0	0.0	0.0	0.0	16.0	4.0	0.0	0.0	8.0	4.0		0.0
Total D.LL	77.0 4	244.0 9	50.0 8	318.0 14	342.0 22	50.0 10	17.5 3	116.5 9	48.0 8	184.0 17		159.0 11
TOTALES ANUALES								mm.				Días lluvia

ESTACION: LAS GRANJAS

MUNICIPIO:

MESITAS COLEGIADO:

1.981

ALTITUD: 1.400

LATITUD: 4-28 N.

LONGITUD: 74-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	8.0	8.0	0.0	0.0	2.0	0.0	8.0	2.0
2	0.0	4.0	0.0	0.0	5.0	0.0	0.0	3.0	0.0	0.0	11.0	0.0
3	0.0	0.0	0.0	41.0	11.0	2.0	3.0	0.0	2.0	4.0	22.0	0.0
4	0.0	0.0	0.0	11.0	8.0	0.0	0.0	0.0	2.0	0.0	6.0	0.0
5	0.0	0.0	9.0	6.0	10.0	0.0	2.0	0.0	0.0	0.0	0.0	3.0
6	20.0	0.0	0.0	13.0	7.0	4.0	0.0	0.0	0.0	10.0	12.0	0.0
7	0.0	0.0	0.0	16.0	7.0	0.0	2.0	0.0	6.0	10.0	17.0	0.0
8	0.0	0.0	3.0	0.0	4.0	3.0	10.0	0.0	0.0	16.0	5.0	3.0
9	0.0	0.0	0.0	6.0	6.0	1.0	2.0	0.0	4.0	4.0	18.0	0.0
10	0.0	35.0	0.0	6.0	8.0	0.0	0.0	0.0	0.0	4.0	9.0	0.0
11	0.0	0.0	0.0	11.0	22.0	4.0	0.0	16.0	2.0	12.0	7.0	3.0
12	0.0	0.0	0.0	9.0	10.0	0.0	3.0	9.0	5.0	10.0	10.0	10.0
13	0.0	0.0	0.0	18.0	6.0	5.0	1.0	8.0	4.0	8.0	8.0	0.0
14	0.0	0.0	0.0	10.0	10.0	3.0	2.0	0.0	2.0	10.0	18.0	2.0
15	0.0	0.0	0.0	39.0	6.0	6.0	1.0	9.0	0.0	0.0	13.0	0.0
16	0.0	24.0	0.0	12.0	0.0	1.0	12.0	0.0	2.0	0.0	10.0	0.0
17	0.0	2.0	0.0	10.0	3.0	0.0	0.0	13.0	0.0	2.0	14.0	4.0
18	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	2.0
19	0.0	0.0	0.0	17.0	0.0	2.0	0.0	0.0	0.0	0.0	26.0	0.0
20	0.0	18.0	0.0	19.0	1.0	2.0	0.0	3.0	0.0	0.0	4.0	15.0
21	0.0	10.0	2.0	31.0	10.0	4.0	0.0	2.0	0.0	30.0	3.0	10.0
22	0.0	14.0	0.0	32.0	3.0	3.0	0.0	0.0	0.0	28.0	5.0	0.0
23	0.0	8.0	0.0	38.0	3.0	6.0	0.0	7.0	0.0	3.0	0.0	0.0
24	0.0	11.0	0.0	9.0	18.0	2.0	0.0	0.0	5.0	0.0	3.0	0.0
25	0.0	0.0	2.0	12.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
26	0.0	0.0	0.0	18.0	8.0	4.0	0.0	0.0	0.0	11.0	2.0	0.0
27	9.0	0.0	0.0	8.0	22.0	2.0	0.0	0.0	0.0	4.0	0.0	2.0
28	5.0	0.0	4.0	4.0	8.0	0.0	0.0	6.0	4.0	4.0	0.0	0.0
29	0.0	0.0	2.0	16.0	2.0	3.0	0.0	2.0	0.0	18.0	2.0	62.0
30	0.0	0.0	2.0	12.0	4.0	0.0	0.0	3.0	2.0	0.0	0.0	36.0
31	0.0	0.0	0.0	0.0	10.0	0.0	0.0	3.0	0.0	0.0	0.0	52.0
Total D.LL	25.0 2	156.0 15	43.0 13	454.0 27	220.0 27	51.0 22	48.0 11	84.0 15	46.0 14	194.0 19	246.0 24	206.0 14
TOTALES ANUALES								1813.0 mm.			201	Días lluvia

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

ESTACION: EL PORVENIR

MUNICIPIO: MESITAS COLEGIADO:

1.981

ALTITUD: 1.350

LATITUD: 4-33 N.

LONGITUD: 74-19 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.4	42.8	0.0	0.0	6.5		0.0	0.0	1.6	0.4	0.0	0.0
2	0.0	0.0	0.0	0.0	6.0		0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	20.5	0.0	0.0	20.1		0.0	0.0	1.1	0.0	24.3	0.0
4	0.0	0.0	0.0	4.4	47.0		1.3	0.0	7.5	16.8	15.7	0.0
5	0.0	0.0	0.0	14.4	42.2		0.0	0.0	0.0	0.0	0.0	1.8
6	0.0	0.0	0.0	0.0	0.8		0.0	0.0	1.8	57.5	0.0	20.8
7	0.0	0.0	4.8	4.7	7.0		0.0	0.0	0.0	0.0	16.0	1.8
8	8.2	0.0	11.1	4.7	4.7		2.2	0.0	5.0	11.8	6.0	0.3
9	0.0	0.0	14.5	0.0	0.0		4.5	1.2	5.2	29.8	0.0	0.0
10	0.0	0.0	0.0	0.0	1.6		5.0	0.0	5.2	0.0	0.0	0.0
11	1.3	27.2	0.0	0.0	20.7		0.0	0.0	0.0	2.0	31.0	0.0
12	0.0	2.9	2.1	4.1	4.2		0.0	0.0	0.0	29.7	26.0	0.0
13	0.0	0.2	0.0	1.5	24.6		0.0	0.0	0.0	20.9	25.4	0.0
14	0.0	10.0	1.6	0.8	1.7		0.0	0.0	3.7	7.7	7.4	0.0
15	0.0	12.5	0.0	62.5	10.7		0.0	0.0	3.1	14.3	1.0	0.0
16	0.0	8.2	0.0	22.1	2.0		0.0	0.0	0.0	5.1	0.4	0.0
17	0.0	16.5	0.0	7.3	2.6		4.5	0.0	0.0	0.2	6.6	0.0
18	2.6	0.0	0.0	3.9	0.0		0.0	0.4	0.0	0.0	0.0	0.0
19	0.0	21.7	0.0	0.0	0.0		1.3	0.0	0.0	0.5	14.0	10.8
20	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.5	0.0	3.8	3.5
21	0.0	0.0	0.0	62.5	3.0		0.0	0.0	0.0	0.0	4.6	2.4
22	0.0	0.0	0.0	62.5	0.0		0.0	0.0	22.0	0.0	3.8	3.5
23	0.0	22.7	0.0	25.3	3.8		0.0	0.0	3.4	29.1	4.6	2.4
24	0.0	0.0	3.0	5.0	0.0		0.0	0.0	6.1	29.1	0.0	10.0
25	0.0	0.0	0.0	3.0	2.0		0.0	0.0	0.0	1.6	0.0	10.0
26	0.0	0.0	0.0	0.0	0.5		0.0	0.0	0.0	0.8	0.0	2.0
27	0.0	0.0	0.0	36.0	37.0		0.0	0.0	0.0	4.0	6.1	1.7
28	0.0	0.0	2.0	36.0	9.1		0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	2.0	12.6	8.5		0.0	1.2	0.0	3.0	4.3	0.0
30	0.0	0.0	0.0	0.0	4.5		0.0	1.0	1.8	34.1	0.0	32.8
31	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	11.0
Total	16.3	190.7	151.1	381.3	288.8		19.0	95.6	46.9	320.0	222.6	159.0
D.LL	7	14	11	19	22		6	12	13	21	17	14
TOTALES ANUALES	mm.											Días lluvia

BENGALA

MUNICIPIO: VENECIA

ARG:

1.981

ESTACION: 1.600

LATITUD: 4-05 N.

LONGITUD: 74-29 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	4.0	0.0	0.0	0.0	2.0	4.0	3.0		4.0	0.0	0.0	0.0
2	0.0	1.0	8.0	0.0	18.0	0.0	2.0		3.0	0.0	0.0	0.0
3	0.0	0.0	0.0	2.0	0.0	0.0	3.0		4.0	1.0	2.0	0.0
4	0.0	0.0	0.0	1.0	0.0	0.0	8.0		1.0	3.0	0.0	0.0
5	0.0	0.0	9.0	24.0	36.0	2.0	8.0		0.0	0.0	12.0	0.0
6	0.0	0.0	3.0	1.0	26.0	0.0	8.0		4.0	0.0	4.3	0.0
7	0.0	0.0	0.0	0.0	3.0	9.0	1.0		0.0	9.0	0.0	0.0
8	0.0	0.0	0.0	7.0	10.0	4.0	0.0		0.0	5.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	2.0	3.0		2.0	10.0	15.0	0.0
10	0.0	0.0	0.0	0.0	3.0	8.0	5.0		0.0	0.0	0.0	0.0
11	0.0	13.0	2.0	0.0	4.0	3.0	4.0		8.0	0.0	6.0	0.0
12	3.0	0.0	0.0	10.0	3.0	21.0	0.0		0.0	7.0	0.0	4.0
13	2.0	21.0	4.0	20.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	11.0	8.0	7.0	1.0		0.0	0.0	28.0	4.0
15	0.0	0.0	5.0	0.0	21.0	0.0	2.0		5.0	18.0	0.0	2.0
16	0.0	17.0	0.0	2.0	0.0	4.0	3.0		3.0	4.0	7.0	0.0
17	0.0	0.0	0.0	8.0	1.0	17.0	4.0		0.0	0.0	0.0	0.0
18	0.0	0.0	1.0	11.0	0.0	18.0	3.0		0.0	0.0	5.0	0.0
19	0.0	0.0	0.0	5.0	0.0	0.0	0.0		0.0	1.0	4.0	5.0
20	0.0	8.0	0.0	0.0	0.0	13.0	0.0		0.0	0.0	16.0	6.0
21	0.0	0.0	0.0	19.0	0.0	5.0	2.0		0.0	0.0	7.0	5.0
22	0.0	4.0	0.0	28.0	0.0	2.0	0.0		0.0	0.0	7.0	4.0
23	0.0	60.0	0.0	4.0	14.0	0.0	0.0		0.0	8.0	0.0	0.0
24	0.0	16.0	0.0	3.0	3.0	3.0	0.0		0.0	18.0	5.0	0.0
25	0.0	7.0	0.0	4.0	20.0	4.0	0.0		0.0	5.0	3.0	0.0
26	0.0	0.0	0.0	5.0	0.0	0.0	0.0		1.0	11.0	0.0	0.0
27	0.0	0.0	0.0	4.0	2.0	0.0	0.0		2.0	20.0	0.0	0.0
28	0.0	2.0	0.0	5.0	0.0	0.0	0.0		0.0	0.0	3.0	0.0
29	0.0	1.0	0.0	8.0	7.0	0.0	2.0		0.0	5.0	25.0	0.0
30	0.0	0.0	0.0	8.0	31.0	10.0	0.0		2.0	9.0	1.0	0.0
31	0.0	0.0	0.0	0.0	4.0	8.0	0.0		0.0	9.0	0.0	8.0
Total	15.0	159.0	48.0	180.0	222.0	147.0	61.0		72.0	166.0	189.0	88.0
D.LL	4	11	9	21	20	20	18		18	21	18	11
TOTALES ANUALES	mm.											Días lluvia

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

ESTACION:

SECRETARIA DE AGRICULTURA
ALTITUD: 1.250

MUNICIPIO:

LATITUD: LA PALMA
5-21 N.

AÑO:

LONGITUD: 74-23 W. 1.981

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	8.0	16.0	13.0		4.0	0.0	0.0	0.0
2	0.0	6.0	0.0	30.0	12.0	0.0	41.0		0.0	0.0	0.0	1.0
3	0.0	1.0	0.0	7.0	3.0	0.0	0.0		0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	11.0	15.0	0.0	0.0		0.0	15.0	0.0	0.0
5	0.0	42.2	28.0	13.0	5.0	0.0	3.0		6.0	0.0	11.0	4.0
6	0.0	0.0	36.0	60.0	0.0	0.0	7.0		0.0	0.0	0.0	0.0
7	6.0	0.0	12.0	27.0	3.0	0.0	17.0		3.0	0.0	0.0	2.0
8	0.0	6.2	0.0	36.0	0.0	0.0	0.0		0.0	3.0	20.0	0.0
9	0.0	1.0	0.0	0.0	0.0	0.0	0.0		14.0	1.0	24.0	0.0
10	0.0	11.0	0.0	10.0	6.0	2.0	0.0		1.0	22.0	0.0	0.0
11	2.3	0.0	0.0	18.0	1.2	16.0	0.0		37.0	32.0	0.0	0.0
12	8.0	0.0	4.0	42.0	6.0	0.0	3.0		0.0	0.0	0.0	12.0
13	0.0	0.0	4.0	44.0	38.0	0.0	0.0		0.0	0.0	0.0	32.0
14	0.0	0.0	20.0	18.0	0.0	1.5	0.0		27.0	3.0	4.0	0.0
15	0.0	0.0	18.0	10.0	1.0	4.0	0.0		48.0	20.0	0.0	0.0
16	0.0	0.0	16.0	12.0	0.0	2.0	0.0		0.0	0.0	0.0	0.0
17	0.0	0.0	10.0	10.0	0.0	4.0	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	4.3	0.0	2.0	0.0	1.0	0.0	0.0		0.0	0.0	0.0	0.0
28	7.0	0.0	3.0	0.0	6.0	0.0	0.0		0.0	0.0	0.0	0.0
29	0.0	0.0	4.0	4.0	3.0	11.0	0.0		0.0	0.0	0.0	0.0
30	0.0	0.0	8.0	0.0	5.0	0.0	0.0		5.0	7.0	13.0	0.0
31	0.0	0.0	0.0	0.0	12.0	0.0	0.0		0.0	0.0	42.0	0.0
Total	27.6	139.4	162.0	456.0	300.4	194.0	106.0		195.0	325.0	167.5	111.0
D.LL	5	11	12	20	22	14	9		10	18	12	9
TOTALES ANUALES												
mm. Días lluvia												

ESTACION: SAN JUAN
ALTITUD: 1.300

MUNICIPIO:

S. JUAN RIOSECO
LATITUD: 4-51 N.

AÑO:

LONGITUD: 75-40 W. 1.981

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	11.5	0.0	0.0	0.0	6.0	27.0	1.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	23.0	0.0	1.0	8.2	0.0	0.0	0.0	0.0	0.0
4	0.0	30.5	0.0	7.1	5.1	0.0	0.0	0.0	6.3	1.6	0.0	0.0
5	0.0	0.0	0.0	20.0	15.0	0.0	0.0	0.0	0.0	1.2	6.4	22.0
6	0.0	0.0	6.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	5.4	1.2	3.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0
8	7.0	0.0	2.1	0.0	5.0	6.2	0.0	37.5	0.0	0.0	28.4	45.7
9	0.0	4.1	0.0	0.0	2.4	0.0	0.0	15.3	0.0	11.0	9.4	14.5
10	0.0	0.0	12.0	0.0	2.0	0.0	0.0	0.0	0.0	36.0	0.0	0.0
11	0.0	0.0	0.0	0.0	2.5	2.1	0.0	0.0	4.1	0.0	0.0	0.0
12	0.0	2.0	0.0	93.0	24.0	1.0	0.0	5.0	2.3	0.0	0.0	0.0
13	0.0	7.2	4.0	2.0	4.5	0.0	0.0	3.0	0.0	0.0	23.4	0.0
14	0.0	1.2	4.1	47.0	4.0	0.0	0.0	0.0	0.0	27.0	8.4	0.0
15	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	6.1	15.6	0.0	0.0
16	0.0	10.0	0.0	40.0	2.0	18.4	0.0	0.0	1.0	12.0	5.0	1.6
17	0.0	0.6	0.0	8.5	0.0	0.0	10.7	9.2	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	5.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	4.5	0.0	0.0	0.0	0.0	2.0	0.1	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
21	0.0	0.0	0.0	72.4	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0
22	0.0	42.3	0.0	0.0	4.0	0.0	0.0	48.0	0.0	0.0	0.0	0.0
23	0.0	21.1	1.0	0.0	0.0	0.0	0.0	4.0	0.0	7.3	1.6	1.4
24	0.0	1.5	0.0	13.0	0.0	0.0	0.0	21.3	0.0	0.0	0.0	0.0
25	0.0	11.1	0.0	1.0	6.2	0.0	0.0	0.0	0.0	4.0	7.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0
27	0.0	0.0	11.4	0.0	1.0	0.0	0.0	0.0	0.0	3.0	0.0	18.0
28	0.0	0.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.0
29	0.0	0.0	0.0	0.0	14.6	10.4	0.0	0.0	9.7	16.4	0.0	0.0
30	0.0	0.0	2.7	3.4	0.0	0.0	0.0	0.0	0.0	23.7	0.0	0.0
31	0.0	0.0	0.0	0.0	8.4	11.1	0.0	13.6	4.1	4.0	11.0	0.0
Total	18.5	138.4	44.7	374.4	156.2	68.2	21.9	172.3	23.9	214.3	187.2	191.5
D.LL	2	13	8	17	18	11	4	12	6	16	16	11
TOTALES ANUALES												
1631.5 mm. Días lluvia												

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

ESTACION: PALESTINA

MUNICIPIO: PITALITO

AÑO:

1.981

ALTITUD: 1.590

LATITUD: 1-52 N.

LONGITUD: 76-02 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	3.0	7.0	7.0	0.0
2	0.0	0.0	0.0	0.0	3.0	0.0	13.0	2.0	0.0	0.0	0.0	0.0
3	16.0	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	4.0	0.0	0.0	0.0	7.0	4.0	0.0	11.0
5	14.0	0.0	0.0	0.0	7.5	11.0	0.0	0.0	0.0	3.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	4.0	0.0	4.0	0.0
7	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	0.0	5.0
8	0.0	6.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	7.0	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	11.0	0.0	10.0	4.0	7.0	0.0	0.0
11	0.0	0.0	3.0	9.0	2.0	18.0	0.0	0.0	0.0	0.0	5.0	4.0
12	0.0	0.0	0.0	0.0	0.0	10.0	3.0	3.0	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	3.0	8.0	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	29.0	0.0	0.0	0.0	0.0	0.0	0.0
16	5.0	0.0	0.0	19.0	6.0	5.0	0.0	0.0	0.0	0.0	3.0	0.0
17	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	1.0	5.0	0.0	10.0	19.0	0.0	0.0	0.0	16.0	0.0	0.0
19	0.0	0.0	0.0	0.0	23.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	3.0	0.0	16.0	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	1.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	4.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
23	0.0	0.0	0.0	0.0	0.0	7.0	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	2.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	12.0
27	28.0	0.0	0.0	4.0	0.0	0.0	12.0	0.0	2.0	0.0	0.0	0.0
28	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
29	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	7.0
30	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	16.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
Total	93.0	39.0	28.0	96.0	109.5	143.5	36.0	39.5	31.0	67.0	60.0	102.0
D.LL	6	4	4	11	16	12	5	8	8	11	10	9
TOTALES ANUALES	844.5 mm.											104 <small>Días Barras</small>

ESTACION: SUCRE

MUNICIPIO: TELLO

AÑO:

1.981

ALTITUD: 1.450

LATITUD: 3-04 N.

LONGITUD:

75-09 W.

DÍAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	3.0	1.0	3.0	0.0	3.0	4.0	0.0	0.0	1.0	1.0	15.0	1.0
2	3.0	0.0	3.0	0.0	7.0	2.0	0.0	0.0	2.0	0.0	2.0	1.0
3	1.0	3.0	0.0	1.0	11.0	2.0	3.0	0.0	1.0	3.0	6.0	3.0
4	7.0	2.0	0.0	0.0	11.0	1.0	0.0	2.0	0.0	3.0	4.0	1.0
5	2.0	0.0	3.0	3.0	4.0	0.0	1.0	0.0	0.0	6.0	3.0	4.0
6	0.0	3.0	7.0	0.0	2.0	4.0	1.0	0.0	0.0	12.0	9.0	1.0
7	3.0	1.0	4.0	6.0	5.0	7.0	2.0	0.0	1.0	8.0	3.0	1.0
8	11.0	2.0	6.0	3.0	7.0	2.0	0.0	0.0	0.0	1.0	18.0	3.0
9	6.0	7.0	6.0	9.0	4.0	4.0	0.0	0.0	0.0	1.0	6.0	10.0
10	10.0	3.0	2.0	5.0	3.0	3.0	0.0	0.0	0.0	3.0	3.0	7.0
11	7.0	0.0	0.0	10.0	7.0	3.0	3.0	1.0	0.0	2.0	3.0	4.0
12	9.0	2.0	2.0	7.0	3.0	1.0	2.0	1.0	0.0	11.0	8.0	1.0
13	7.0	1.0	1.0	11.0	10.0	2.0	1.0	0.0	1.0	8.0	2.0	2.0
14	2.0	0.0	3.0	8.0	9.0	3.0	1.0	0.0	1.0	4.0	2.0	1.0
15	0.0	0.0	0.0	11.0	18.0	1.0	1.0	1.0	0.0	1.0	4.0	1.0
16	0.0	3.0	4.0	15.0	23.0	2.0	0.0	0.0	0.0	1.0	1.0	1.0
17	0.0	2.0	6.0	10.0	43.0	2.0	1.0	0.0	10.0	11.0	3.0	3.0
18	0.0	0.0	1.0	9.0	24.0	1.0	0.0	0.0	10.0	13.0	1.0	3.0
19	0.0	0.0	0.0	8.0	6.0	4.0	0.0	2.0	8.0	10.0	1.0	5.0
20	0.0	0.0	3.0	3.0	4.0	2.0	1.0	1.0	0.0	7.0	11.0	7.0
21	4.0	0.0	2.0	13.0	2.0	0.0	0.0	0.0	0.0	1.0	9.0	3.0
22	0.0	3.0	0.0	8.0	3.0	1.0	2.0	0.0	1.0	2.0	11.0	4.0
23	0.0	0.0	0.0	8.0	3.0	2.0	2.0	0.0	3.0	1.0	7.0	4.0
24	0.0	18.0	0.0	11.0	8.0	1.0	1.0	1.0	0.0	1.0	1.0	4.0
25	0.0	7.0	2.0	8.0	3.0	3.0	0.0	2.0	0.0	3.0	7.0	1.0
26	0.0	11.0	6.0	8.0	3.0	2.0	0.0	1.0	0.0	1.0	5.0	1.0
27	0.0	3.0	3.0	8.0	2.0	1.0	0.0	2.0	0.0	1.0	5.0	3.0
28	0.0	2.0	0.0	5.0	4.0	2.0	0.0	2.0	0.0	2.0	4.0	1.0
29	0.0	0.0	0.0	3.0	12.0	2.0	0.0	0.0	0.0	10.0	2.0	1.0
30	0.0	0.0	0.0	8.0	3.0	1.0	0.0	0.0	1.0	9.0	8.0	1.0
31	1.0	0.0	0.0	0.0	3.0	0.0	1.0	0.0	0.0	11.0	0.0	11.0
Total	76.1	76.0	67.0	195.0	203.0	65.0	23.0	16.0	31.0	151.0	164.0	96.0
D.LL	16	19	19	26	31	28	15	11	12	30	30	31
TOTALES ANUALES	1163.1 mm.											268 <small>Días lluvia</small>

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

ESTACION: BUENOS AIRES

MUNICIPIO: TERUEL

AÑO: 1.981

ALTITUD: 1.450

LATTITUD: 2-45 N.

LONGITUD: 75-35 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	3.0	0.0	0.0	0.0	30.0	0.0	20.0	0.0	0.0	0.0	0.0	10.0
2	4.0	0.0	4.0	0.0	9.0	10.0	23.0	0.0	0.0	30.0	6.0	0.0
3	2.0	0.0	0.0	12.0	57.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
4	0.0	5.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	5.0
5	0.0	0.0	10.0	7.0	0.0	0.0	4.0	0.0	0.0	32.0	0.0	10.0
6	35.0	10.0	0.0	5.0	10.0	0.0	0.0	0.0	4.0	0.0	0.0	10.0
7	0.0	0.0	0.0	28.0	50.0	10.0	0.0	5.0	0.0	52.0	10.0	0.0
8	5.0	0.0	20.0	0.0	0.0	2.0	0.0	15.0	6.0	6.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	4.0	0.0
10	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	22.0	4.0	0.0
11	0.0	0.0	37.0	0.0	37.0	0.0	3.0	0.0	0.0	0.0	52.0	0.0
12	0.0	1.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
13	0.0	16.0	0.0	10.0	0.0	0.0	0.0	6.0	0.0	22.0	14.0	0.0
14	0.0	0.0	5.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0
15	0.0	20.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	16.0	20.0	8.0
16	0.0	56.0	0.0	0.0	5.0	0.0	0.0	0.0	4.0	0.0	4.0	0.0
17	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	6.0	58.0	20.0	0.0	0.0	0.0	0.0	5.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0
20	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	15.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	29.0	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	5.0	30.0	0.0	0.0	0.0	30.0	0.0	15.0	0.0	0.0
24	0.0	8.0	0.0	0.0	58.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0
25	8.0	0.0	12.0	19.0	7.0	0.0	0.0	25.0	0.0	0.0	0.0	6.0
26	0.0	0.0	16.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0
27	3.0	1.0	0.0	0.0	20.0	0.0	0.0	4.0	0.0	0.0	0.0	10.0
28	0.0	1.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	17.0	20.0	6.0
29	2.0	0.0	0.0	10.0	12.0	10.0	0.0	4.0	0.0	15.0	16.0	21.0
30	0.0	0.0	0.0	10.0	8.0	15.0	0.0	5.0	0.0	0.0	10.0	10.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	6.0
Total D.LL	85.0	203.0	160.0	260.0	353.0	105.0	56.0	92.0	20.0	227.0	219.0	164.0
	10	14	10	14	18	8	5	8	4	10	16	13
TOTALES ANUALES	1944.0 mm.										130	Dias Lluvia

ESTACION: KIOSCO

MUNICIPIO: ALGECIRAS

AÑO: 1.981

ALTITUD: 1.400

LATTITUD: 2-32 N.

LONGITUD: 75-20 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	15.0	18.0	10.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	44.0	0.0
2	15.0	0.0	0.0	0.0	7.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	32.0	10.0	5.0	0.0	0.0	0.0	17.0	0.0
4	0.0	0.0	0.0	0.0	0.0	3.0	4.0	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	14.0	15.0	0.0
6	0.0	0.0	12.0	15.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	5.0	0.0	4.0	0.0	0.0	3.0	10.0	0.0	7.0	0.0	0.0	0.0
8	0.0	0.0	7.0	0.0	12.0	5.0	0.0	0.0	0.0	0.0	5.0	9.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	3.0
10	0.0	0.0	24.0	0.0	0.0	15.0	7.0	0.0	0.0	7.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	15.0	20.0	13.0	0.0	0.0	0.0	34.0	0.0	0.0
14	0.0	0.0	22.0	0.0	14.0	0.0	12.0	4.0	0.0	0.0	0.0	0.0
15	0.0	0.0	10.0	9.0	5.0	0.0	0.0	7.0	15.0	21.0	4.0	0.0
16	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	1.0	0.0	0.0	2.0	8.0	5.0	22.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	7.0	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	23.0	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	11.0
21	0.0	0.0	0.0	8.0	0.0	4.0	0.0	0.0	0.0	10.0	24.0	0.0
22	0.0	0.0	5.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	5.0	0.0	2.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0
25	0.0	0.0	0.0	14.0	21.0	0.0	0.0	20.0	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	0.0	0.0	0.0
27	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
28	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	4.0	17.0	5.0	36.0	0.0	18.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	13.0	8.0	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	35.0	47.0	111.0	133.5	194.0	132.0	38.0	69.0	32.0	103.0	138.0	48.0
	3	5	12	12	15	11	5	7	4	7	8	4
TOTALES ANUALES	1080.5 mm.										93	Dias Lluvia

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

ESTACION: MARZINGA

MUNICIPIO: ACACIAS

AÑO:

1.981

ALTITUD: 840

LATITUD: 4-00 N.

LONGITUD: 73-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	6.0	0.0	0.0	0.0	20.0			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
3	0.0	0.0	0.0	0.0	3.0			0.0	3.0	25.0		11.0
4	0.0	0.0	0.0	0.0	44.0			0.0	0.0	0.0		0.0
5	0.0	0.0	0.0	0.0	0.0			5.0	0.0	0.0		0.0
6	0.0	0.0	0.0	0.0	40.0			0.0	31.0	3.0		0.0
7	0.0	0.0	0.0	0.0	0.0			0.0	0.0	71.0		0.0
8	0.0	0.0	0.0	1.0	11.4			0.0	2.0	48.0		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	3.0	10.0			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	23.0	0.0			0.0	6.0	21.0		0.0
13	0.0	0.0	0.0	0.0	30.0			0.0	0.0	23.0		0.0
14	0.0	0.0	0.0	53.0	4.0			26.0	0.0	23.0		0.0
15	0.0	0.0	0.0	43.0	26.0			10.0	58.0	0.0		0.0
16	0.0	0.0	0.0	32.0	9.0			0.0	0.0	0.0		0.0
17	0.0	10.0	0.0	0.0	12.0			0.0	0.0	21.0		0.0
18	0.0	32.0	0.0	12.0	0.0			0.0	3.0	0.0		0.0
19	0.0	64.0	0.0	0.0	3.0			0.0	2.0	0.0		0.0
20	0.0	0.0	0.0	3.0	0.0			0.0	20.0	0.0		0.0
21	0.0	5.0	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	18.0	10.0	0.0	0.0			20.0	0.0	0.0		0.0
24	0.0	36.0	0.0	0.0	32.0			42.0	0.0	0.0		0.0
25	0.0	3.0	8.0	11.0	0.0			15.0	0.0	0.0		0.0
26	0.0	0.0	0.0	20.0	40.0			25.0	0.0	0.0		0.0
27	0.0	4.0	2.0	10.0	0.0			26.0	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	34.0			0.0	0.0	0.0		0.0
30	0.0	0.0	0.0	74.0	60.0			0.0	52.0	0.0		0.0
31	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0		0.0
Total	6.0	172.0	20.0	285.0	378.4			169.0	177.0	235.0		11.0
D. LL.	1	8	3	12	16			8	9	8		1
TOTALES ANUALES	mm.											Días lloviz

ESTACION: VILLA PRISCILLA
ALTITUD: 850

MUNICIPIO: GUAMAL
LATITUD: 3-56 N.

AÑO:

1.981

LONGITUD: 73-44 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	5.0	0.0		0.0	0.0	5.0	2.0	0.0	0.0	0.0	2.0	5.0
2	4.0	6.0		57.0	3.0	0.0	0.0	0.0	0.0	0.0	30.0	30.0
3	0.0	0.0		24.0	56.0	3.0	0.0	0.0	27.0	50.0	15.0	50.0
4	0.0	0.0		0.0	52.0	0.0	0.0	0.0	0.0	0.0	25.0	3.0
5	0.0	0.0		39.0	0.0	50.0	34.0	0.0	0.0	0.0	0.0	11.0
6	0.0	0.0		0.0	0.0	50.0	0.0	36.0	0.0	0.0	0.0	40.0
7	0.0	4.0		46.0	0.0	16.0	5.0	0.0	0.0	5.0	35.0	10.0
8	0.0	0.0		0.0	44.0	24.0	0.0	0.0	0.0	15.0	0.0	0.0
9	0.0	0.0		0.0	0.0	0.0	3.0	7.0	2.0	0.0	0.0	10.0
10	0.0	0.0		56.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	41.0
11	0.0	0.0		0.0	14.0	0.0	2.0	0.0	0.0	50.0	0.0	8.0
12	0.0	0.0		37.0	0.0	0.0	0.0	0.0	0.0	15.0	60.0	6.0
13	0.0	0.0		0.0	51.0	5.0	0.0	0.0	0.0	0.0	5.0	0.0
14	0.0	0.0		0.0	25.0	0.0	0.0	40.0	0.0	32.0	12.0	2.0
15	0.0	10.0		59.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0
16	0.0	40.0		0.0	5.0	10.0	54.0	11.1	0.0	50.0	14.0	0.0
17	0.0	0.0		29.0	15.0	54.0	0.0	0.0	5.0	50.0	0.0	16.0
18	0.0	18.0		0.0	0.0	0.0	15.0	0.0	0.0	0.0	31.0	0.0
19	0.0	50.0		0.0	0.0	56.0	0.0	0.0	0.0	0.0	56.0	0.0
20	0.0	0.0		0.0	8.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
21	0.0	0.0		53.0	25.0	5.0	0.0	0.0	0.0	0.0	15.0	3.0
22	0.0	0.0		57.0	0.0	0.0	0.0	30.0	0.0	0.0	28.0	0.0
23	0.0	60.0		0.0	50.0	0.0	0.0	20.0	0.0	35.0	29.0	0.0
24	0.0	58.0		0.0	0.0	1.0	0.0	70.0	0.0	25.0	0.0	0.0
25	0.0	36.0		0.0	0.0	0.0	50.0	0.0	40.0	0.0	13.0	0.0
26	0.0	0.0		74.0	0.0	0.0	37.0	70.0	0.0	6.0	7.0	7.0
27	0.0	0.0		0.0	45.0	3.0	0.0	0.0	0.0	0.0	5.0	0.0
28	0.0	0.0		0.0	0.0	46.0	3.0	50.0	3.0	0.0	23.0	0.0
29	0.0	0.0		0.0	52.0	0.0	7.0	0.0	0.0	2.0	18.0	0.0
30	0.0	0.0		2.0	0.0	0.0	0.0	0.0	0.0	35.0	4.0	0.0
31	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	55.0	0.0	12.0
Total	9.0	282.0		533.0	445.0	328.0	212.0	334.1	77.0	425.0	497.0	254.0
D. LL.	2	9		12	14	14	11	9	5	14	23	16
TOTALES ANUALES	mm.											Días lloviz

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

ESTACION: CONCENTRACION AGRICOLA

MUNICIPIO: LOURDES

AÑO: 1.981

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	0.0	0.0	0.0	16.0	0.0	0.0	0.0			0.0	0.0	
2	0.0	0.0	0.0	8.0	18.0	0.0	0.0	0.0			4.0	0.0	
3	10.0	10.0	0.0	0.0	14.0	0.0	0.0	10.0			10.0	6.0	
4	6.0	0.0	0.0	8.0	28.0	0.0	9.0	0.0			0.0	6.0	
5	0.0	5.0	0.0	22.0	16.0	0.0	0.0	0.0			0.0	0.0	
6	0.0	0.0	0.0	22.0	0.0	12.0	0.0	0.0			10.0	0.0	
7	0.0	0.0	0.0	12.0	14.0	0.0	3.0	10.0			12.0	12.0	
8	0.0	10.0	0.0	14.0	6.0	0.0	0.0	0.0			0.0	4.0	
9	18.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0			0.0	0.0	
10	0.0	0.0	0.0	16.0	4.0	0.0	0.0	0.0			0.0	0.0	
11	0.0	0.0	0.0	10.0	5.0	8.0	6.0	0.0			0.0	0.0	
12	0.0	0.0	0.0	10.0	1.0	0.0	0.0	1.0			0.0	0.0	
13	0.0	0.0	0.0	8.0	6.0	0.0	0.0	0.0			0.0	0.0	
14	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0			0.0	0.0	
15	0.0	0.0	0.0	26.0	0.0	10.0	0.0	0.0			12.0	0.0	
16	0.0	30.0	0.0	28.0	0.0	15.0	0.0	16.0			14.0	14.0	
17	20.0	0.0	0.0	28.0	10.0	0.0	0.0	14.0			0.0	14.0	
18	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0			0.0	4.0	
19	6.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0			0.0	12.0	
20	0.0	0.0	0.0	18.0	0.0	6.0	10.0	16.0			14.0	0.0	
21	10.0	15.0	0.0	10.0	0.0	0.0	0.0	6.0			6.0	0.0	
22	0.0	0.0	0.0	12.0	0.0	0.0	0.0	14.0			0.0	14.0	
23	0.0	0.0	0.0	26.0	0.0	0.0	0.0	22.0			0.0	10.0	
24	0.0	0.0	0.0	10.0	0.0	12.0	0.0	10.0			4.0	20.0	
25	0.0	20.0	0.0	0.0	22.0	0.0	0.0	8.0			4.0	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	14.0	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	10.0	0.0	0.0			0.0	0.0	
29	18.0	0.0	0.0	36.0	0.0	0.0	0.0	10.0			0.0	0.0	
30	6.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0			18.0	18.0	
31	0.0	0.0	0.0	0.0	6.0	0.0	0.0	24.0			0.0	14.0	
Total	104.0	104.0	0.0	372.0	228.0	63.0	35.0	174.0			116.0	148.0	
D. Ll.	9	7	0	24	15	6	4	13			12	13	
TOTALES ANUALES											mm.		Días lluvia

ESTACION: SAN JOSECITO

MUNICIPIO: TOLEDO

AÑO: 1.981

ALTITUD: 1.900

LATITUD: 7-18 N.

LONGITUD: 72-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	6.0	12.0	22.0	0.0	6.0	20.0	0.0			
2	0.0	0.0	0.0	8.0	8.0	14.0	0.0	6.0	4.0	0.0			
3	0.0	0.0	0.0	17.0	22.0	0.0	0.0	0.0	9.0	0.0			
4	0.0	0.0	0.0	0.0	4.0	1.0	0.0	2.0	24.0	7.0			
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	16.0			
6	0.0	0.0	0.0	6.0	4.0	8.0	1.0	8.0	8.0	0.0			
7	0.0	0.0	0.0	8.0	24.0	23.0	6.0	2.0	8.0	8.0			
8	0.0	0.0	0.0	4.0	2.0	8.0	4.0	8.0	15.0	6.0			
9	0.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	4.0	20.0			
10	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	11.0	0.0			
11	0.0	0.0	0.0	30.0	4.0	42.0	0.0	0.0	8.0	0.0			
12	0.0	0.0	0.0	0.0	8.0	18.0	0.0	30.0	0.0	10.0			
13	0.0	0.0	0.0	6.0	2.0	8.0	23.0	21.0	0.0	0.0			
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0			
15	0.0	0.0	0.0	18.0	20.0	2.0	4.0	0.0	19.0	17.0			
16	0.0	0.0	0.0	0.0	0.0	2.0	6.0	10.0	35.0	2.0			
17	0.0	0.0	0.0	0.0	2.0	2.0	12.0	2.0	2.0	0.0			
18	0.0	0.0	0.0	1.0	1.0	4.0	8.0	0.0	14.0	4.0			
19	0.0	0.0	0.0	0.0	4.0	0.0	2.0	1.0	26.0	0.0			
20	0.0	0.0	0.0	0.0	2.0	6.0	0.0	0.0	10.0	0.0			
21	0.0	0.0	0.0	4.0	0.0	2.0	0.0	2.0	11.0	0.0			
22	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	2.0	0.0			
23	0.0	0.0	0.0	0.0	38.0	4.0	6.0	45.0	0.0	4.0			
24	0.0	0.0	0.0	0.0	2.0	0.0	0.0	4.0	4.0	0.0			
25	0.0	0.0	0.0	1.0	0.0	4.0	4.0	10.0	0.0	1.0			
26	0.0	0.0	0.0	0.0	1.0	21.0	1.0	18.0	6.0	3.0			
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	16.0			
28	0.0	0.0	0.0	0.0	2.0	0.0	0.0	28.0	2.0	7.0			
29	0.0	0.0	0.0	0.0	24.0	2.0	4.0	10.0	0.0	1.0			
30	0.0	0.0	0.0	1.0	0.0	5.0	8.0	6.0	11.0	0.0			
31	0.0	0.0	2.0	0.0	2.0	0.0	5.0	22.0	0.0	0.0			
Total	0.0	0.0	2.0	112.0	260.0	276.0	101.0	284.0	248.0	122.0			
D. Ll.	0	0	1	14	24	23	15	23	23	15			
TOTALES ANUALES											mm.		Días lluvia

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

ESTACION: VIVERO

MUNICIPIO: QUIMBAYA

AÑO:

1.981

ALTITUD: 1.400

LATITUD: 4-37 N.

LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	20.0	5.5	0.0	22.0	0.0	0.0	32.0
2	0.0	4.0	0.0	9.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	2.0	3.0	0.0	0.0	0.0	0.0	6.0	0.0
4	16.5	2.0	0.0	30.0	22.0	0.0	19.0	0.0	2.0	15.0	1.5	20.5
5	0.0	42.0	13.0	19.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	51.0
6	0.0	0.0	0.0	0.0	17.0	54.0	1.0	29.0	0.0	0.0	0.0	0.0
7	4.0	0.0	13.0	0.0	6.0	1.0	0.0	2.0	8.0	27.0	37.0	1.0
8	0.0	2.5	2.0	7.0	0.0	30.5	10.0	0.0	11.0	1.0	0.0	0.0
9	0.0	0.0	37.0	0.0	0.0	0.0	8.5	0.0	0.0	38.5	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	32.0	0.0	0.0	0.0
11	0.0	16.0	0.0	0.0	26.5	0.0	0.0	0.0	0.0	2.0	26.0	33.0
12	0.0	1.5	11.0	46.0	0.0	30.5	0.0	9.0	0.0	1.0	7.0	0.0
13	0.0	8.0	6.0	12.0	54.0	0.0	0.0	0.0	0.0	2.0	13.0	0.0
14	0.0	0.0	7.0	15.0	0.0	0.0	0.0	0.0	4.0	9.0	3.0	3.0
15	0.0	0.0	0.0	43.0	53.0	10.0	0.0	0.0	0.0	8.0	0.0	0.0
16	0.0	18.0	1.5	0.0	0.0	6.0	37.0	2.0	0.0	2.0	21.0	0.0
17	0.0	0.0	2.0	4.0	2.0	5.0	18.0	2.0	0.0	0.0	0.0	34.5
18	0.0	20.0	0.0	0.0	1.0	6.0	2.0	0.0	0.0	9.5	3.5	8.0
19	0.0	20.0	0.0	43.0	0.0	14.5	0.0	0.0	40.5	0.0	11.5	19.0
20	0.0	0.0	14.5	0.0	3.0	0.0	12.0	0.0	0.0	0.0	12.0	4.0
21	0.0	0.0	4.5	40.0	0.0	0.0	0.0	30.5	0.0	0.0	1.0	5.5
22	0.0	14.0	0.0	4.0	16.0	4.0	0.0	10.0	0.0	23.0	0.0	6.0
23	0.0	3.0	0.0	30.0	8.0	14.5	0.0	0.0	0.0	18.5	11.0	0.0
24	0.0	0.0	0.0	16.0	32.5	0.0	0.0	10.0	0.0	0.0	33.0	0.0
25	0.0	0.0	0.0	0.0	3.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	2.0	8.0	2.0	0.0	0.0	0.0	8.0	14.0	0.0
27	0.0	0.0	0.0	28.0	4.5	0.0	0.0	0.0	33.0	3.0	0.0	0.0
28	1.5	0.0	2.5	1.0	0.0	0.0	0.0	0.0	0.0	10.0	46.0	0.0
29	0.0	0.0	4.0	3.5	51.0	46.0	0.0	7.5	0.0	13.0	9.0	0.0
30	0.0	0.0	2.0	35.0	20.0	6.0	0.0	3.0	0.0	0.0	5.0	28.0
31	18.0	0.0	0.0	0.0	12.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0
Total D.LL	40.0	151.0	120.0	387.5	352.5	253.0	168.0	147.0	152.5	190.5	260.5	245.5
	4	12	14	19	20	16	11	12	8	17	18	13
TOTALES ANUALES	2468.0 mm.										164	Días Húv

ESTACION: MARACAY
ALTITUD: 1.450

MUNICIPIO: QUIMBAYA
LATITUD: 4-36 N.

AÑO:

1.981

LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	3.0	9.0	0.0	12.0	15.0	0.0		2.0
2	0.0	0.0	0.0	0.0	20.0	8.0	7.0	0.0	5.0	0.0		0.0
3	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	1.0	0.0		0.0
4	0.0	5.0	0.0	25.0	34.0	0.0	10.0	0.0	0.0	24.0		27.0
5	0.0	0.0	23.0	33.0	0.0	0.0	30.0	0.0	0.0	0.0		66.0
6	0.0	1.0	0.0	0.0	11.0	65.0	0.0	18.0	0.0	3.0		0.0
7	0.0	0.0	28.0	18.0	27.0	0.0	0.0	9.0	0.0	6.0		0.0
8	0.0	0.0	3.0	0.0	0.0	30.0	20.0	0.0	9.0	1.0		0.0
9	0.0	7.0	40.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0		7.0
10	0.0	3.0	2.0	0.0	3.0	0.0	24.0	0.0	19.0	0.0		1.0
11	0.0	10.0	0.0	0.0	4.0	0.0	0.0	1.0	0.0	5.0		0.0
12	15.0	2.0	7.0	14.0	0.0	25.0	5.0	15.0	0.0	0.0		0.0
13	0.0	17.0	0.0	31.0	54.0	0.0	0.0	0.0	0.0	8.0		2.0
14	0.0	5.0	0.0	9.0	0.0	25.0	0.0	0.0	3.0	2.0		1.0
15	0.0	0.0	0.0	47.0	36.0	0.0	5.0	0.0	0.0	5.0		0.0
16	0.0	15.0	5.0	25.0	0.0	0.0	34.0	5.0	0.0	0.0		10.0
17	0.0	0.0	7.0	5.0	3.0	0.0	30.0	5.0	0.0	0.0		20.0
18	0.0	5.0	0.0	40.0	3.0	11.0	0.0	10.0	18.0	8.0		30.0
19	0.0	11.0	0.0	7.0	0.0	13.0	0.0	0.0	0.0	0.0		40.0
20	0.0	2.0	8.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0		30.0
21	0.0	0.0	10.0	22.0	20.0	0.0	0.0	35.0	0.0	0.0		0.0
22	0.0	13.0	0.0	2.0	15.0	0.0	0.0	15.0	0.0	37.0		0.0
23	0.0	4.0	0.0	33.0	10.0	50.0	0.0	29.0	0.0	22.0		0.0
24	0.0	3.0	1.0	47.0	26.0	0.0	0.0	3.0	0.0	0.0		0.0
25	0.0	0.0	23.0	2.0	4.0	0.0	0.0	0.0	0.0	0.0		10.0
26	0.0	0.0	0.0	3.0	24.0	0.0	0.0	0.0	15.0	23.0		0.0
27	0.0	0.0	0.0	26.0	1.0	0.0	0.0	0.0	0.0	15.0		0.0
28	0.0	0.0	7.0	9.0	0.0	0.0	0.0	0.0	0.0	5.0		0.0
29	0.0	0.0	3.0	13.0	43.0	65.0	0.0	10.0	0.0	29.0		0.0
30	0.0	0.0	0.0	33.0	17.0	9.0	0.0	6.0	0.0	0.0		18.0
31	10.0	0.0	0.0	0.0	8.0	0.0	0.0	70.0	0.0	80.0		0.0
Total D.LL	25.0	103.0	167.0	454.0	371.0	310.0	205.0	243.0	85.0	273.0		264.0
	2	15	14	22	22	11	10	15	8	16		14
TOTALES ANUALES	mm.										Días Húv	

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

ESTACION: YOLANDA

MUNICIPIO: QUIMBAYA

AÑO: 1.981

ALTITUD: 1.320

LATITUD: 4-37 N.

LONGITUD: 75-47 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	
2	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	39.0	18.0	0.0	0.0	0.0	0.0	10.0	31.0	0.0	
4	15.0	6.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	57.0	0.0	12.0	11.0	71.0	25.0	0.0	0.0	0.0	0.0	52.0	
6	12.0	6.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	15.0	0.0	45.0	
7	0.0	0.0	12.0	2.0	0.0	25.0	0.0	0.0	10.0	0.0	51.0	0.0	
8	0.0	0.0	0.0	8.0	0.0	5.0	6.0	14.0	0.0	88.0	0.0	0.0	
9	0.0	3.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	
10	0.0	48.0	0.0	0.0	0.0	0.0	42.0	0.0	0.0	0.0	28.0	66.0	
11	0.0	79.0	0.0	0.0	28.0	22.0	0.0	17.0	0.0	15.0	0.0	0.0	
12	0.0	0.0	36.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	18.0	0.0	37.0	0.0	0.0	0.0	9.0	0.0	19.0	0.0	
14	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
15	0.0	0.0	0.0	33.0	75.0	13.0	0.0	13.0	0.0	0.0	0.0	0.0	
16	0.0	23.0	17.0	0.0	0.0	0.0	65.0	0.0	0.0	0.0	59.0	0.0	
17	0.0	24.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	78.0	
18	0.0	24.0	0.0	51.0	0.0	7.0	0.0	0.0	0.0	0.0	5.0	0.0	
19	0.0	21.0	20.0	4.0	0.0	12.0	6.0	0.0	0.0	0.0	4.0	8.0	
20	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	10.0	48.0	0.0	6.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	
22	0.0	5.0	22.0	0.0	25.0	8.0	0.0	9.0	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	27.0	0.0	
24	0.0	0.0	0.0	0.0	22.0	0.0	0.0	47.0	0.0	52.0	38.0	0.0	
25	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	1.3	0.0	10.0	0.0	0.0	0.0	21.0	6.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	57.0	48.0	0.0	0.0	0.0	0.0	35.0	0.0	
29	0.0	0.0	0.0	7.0	0.0	5.0	0.0	45.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	11.0	0.0	21.0	14.0	0.0	28.0	4.0	0.0	0.0	42.0	
31	10.0	0.0	0.0	0.0	29.0	0.0	0.0	14.0	0.0	75.0	0.0	0.0	
Total	37.0	226.0	205.3	311.0	353.0	236.0	65.0	205.0	72.0	316.0	313.0	326.0	
D. LL.	3	9	11	14	13	12	6	9	5	10	11	7	
TOTALES ANUALES							2765.3 mm.			110			Días lluvia

ESTACION: EL ROCIO

MUNICIPIO: QUIMBAYA
LATITUD: 4-34 N.

AÑO: 1.981
LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0	
2	9.0	1.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0	20.0	3.0	32.0	
4	0.0	58.0	0.0	45.0	25.0	0.0	17.0	0.0	0.0	0.0	49.0	70.0	
5	0.0	0.0	0.0	21.0	0.0	55.0	0.0	20.0	0.0	0.0	20.0	0.0	
6	5.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	
7	0.0	0.0	16.0	7.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
8	0.0	0.0	33.0	0.0	0.0	25.0	0.0	0.0	0.0	38.0	0.0	1.0	
9	0.0	0.0	6.0	0.0	0.0	0.0	0.0	15.0	0.0	1.0	0.0	0.0	
10	0.0	0.0	0.0	46.0	17.0	0.0	0.0	0.0	0.0	0.0	24.0	21.0	
11	0.0	0.0	5.0	4.0	0.0	27.0	0.0	0.0	25.0	4.0	4.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
13	0.0	0.0	0.0	10.0	60.0	0.0	0.0	18.0	0.0	13.0	7.0	1.0	
14	0.0	0.0	0.0	40.0	0.0	9.0	9.0	0.0	0.0	8.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	55.0	9.0	34.0	17.0	0.0	1.0	22.0	0.0	
16	0.0	0.0	21.0	4.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	13.0	
17	0.0	31.0	0.0	37.0	0.0	11.0	2.0	10.0	10.0	10.0	7.0	5.0	
18	0.0	28.0	0.0	4.0	0.0	15.0	0.0	35.0	0.0	0.0	9.0	17.0	
19	0.0	0.0	23.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	12.0	1.0	
20	0.0	0.0	11.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	
21	0.0	15.0	0.0	0.0	10.0	4.0	0.0	0.0	0.0	22.0	0.0	5.0	
22	0.0	3.0	0.0	29.0	0.0	10.0	0.0	0.0	0.0	24.0	11.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	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	10.0	3.0	0.0	0.0	0.0	7.0	9.0	0.0	
26	0.0	0.0	0.0	46.0	20.0	0.0	0.0	0.0	40.0	4.0	1.0	0.0	
27	0.0	0.0	5.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	
28	0.0	0.0	0.0	6.0	15.0	40.0	0.0	0.0	22.0	18.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	25.0	6.0	0.0	20.0	0.0	2.0	7.0	35.0	
30	30.0	0.0	0.0	30.0	28.0	9.0	0.0	0.0	0.0	75.0	35.0	0.0	
31	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	1.0	0.0	37.0	
Total	53.0	136.0	130.0	369.0	311.0	223.0	104.0	135.0	106.0	254.0	317.0	251.0	
D. LL.	4	6	9	15	14	13	6	7	4	17	20	14	
TOTALES ANUALES							2389.0 mm.			129			Días lluvia

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

ESTACION: EL AGRADO

MUNICIPIO: MONTENEGRO

AÑO:

1.981

ALTITUD: 1.350

LATITUD: 4-28 N.

LONGITUD: 75-49 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	2.5	17.0	0.0	0.0	3.5	13.0	3.0	0.0	13.0	0.0	1.0	0.0	
2	0.0	0.0	1.0	30.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	8.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.5	0.0	0.0	
4	0.0	0.0	0.0	30.0	8.0	0.0	4.0	1.0	0.0	4.5	7.0	3.0	
5	0.0	33.0	11.0	9.0	19.5	0.0	1.0	0.0	0.5	0.0	0.0	40.0	
6	0.0	0.0	3.5	0.0	1.0	16.0	1.0	9.0	0.0	0.0	1.0	0.0	
7	1.0	0.0	2.5	9.0	4.0	32.0	0.0	10.0	0.5	0.0	50.0	0.0	
8	0.0	9.0	9.0	4.0	0.0	0.0	22.5	1.5	4.0	0.0	15.0	0.0	
9	0.0	15.0	63.0	0.0	20.5	23.5	10.5	0.0	0.0	13.0	0.0	10.0	
10	0.0	0.0	5.0	0.0	0.0	0.0	18.5	0.0	19.5	0.0	0.0	1.0	
11	0.0	31.0	7.0	0.0	30.0	0.0	0.0	23.5	0.0	0.0	14.0	0.0	
12	0.0	1.0	0.0	10.0	0.0	16.5	0.0	58.5	3.5	5.0	2.0	0.0	
13	0.0	7.0	0.0	3.0	64.0	1.0	0.0	0.0	0.0	0.0	3.0	0.0	
14	0.0	0.0	23.0	49.0	3.0	0.0	0.0	0.0	34.0	0.0	0.0	1.0	
15	0.0	0.0	0.0	40.0	33.0	7.0	0.0	0.0	0.0	1.5	11.0	0.0	
16	0.0	13.0	0.0	2.0	2.5	10.0	14.0	13.5	0.0	31.0	22.0	0.0	
17	0.0	12.0	5.5	2.5	23.0	2.5	68.0	0.0	0.0	0.0	7.0	5.0	
18	0.0	9.0	0.0	54.0	0.0	4.5	1.5	0.0	0.0	15.0	0.0	22.0	
19	0.0	4.0	0.0	4.0	0.0	2.5	0.0	0.0	4.5	0.0	45.0	0.0	
20	0.0	0.0	3.0	0.0	0.0	0.0	28.5	0.0	0.0	0.0	18.0	2.0	
21	5.0	0.0	9.5	8.0	2.5	0.0	0.0	4.0	0.0	0.0	7.0	18.0	
22	0.0	9.0	1.0	3.0	1.0	3.5	0.0	4.5	0.0	1.0	1.0	0.0	
23	0.0	3.5	9.0	5.5	15.0	0.0	0.0	0.0	0.0	16.0	43.0	10.0	
24	0.0	0.0	0.0	1.0	20.5	0.0	0.0	4.5	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	1.5	3.0	2.0	
26	0.0	0.0	0.0	10.5	3.0	0.0	0.0	27.0	0.0	3.5	0.0	0.0	
27	0.0	0.0	0.0	36.5	0.0	0.0	0.0	0.0	6.0	6.5	0.0	0.0	
28	0.0	0.0	0.0	4.0	0.0	0.0	0.0	4.0	0.0	4.5	51.0	0.0	
29	0.0	0.0	4.0	3.5	2.0	17.0	0.0	0.0	1.5	24.5	4.0	5.0	
30	0.0	0.0	1.5	7.0	15.0	0.5	0.0	0.0	28.5	1.5	0.0	60.0	
31	7.0	0.0	0.0	0.0	21.0	0.0	0.0	56.5	0.0	73.0	0.0	0.0	
Total D. Ll.	20.5 6	171.5 14	171.0 18	325.5 22	336.0 22	146.5 14	176.0 13	228.5 14	119.5 11	203.5 16	305.0 19	179.0 13	
TOTALES ANUALES								2382.5	182				Dias lluvia

ESTACION: LA ILUSION

MUNICIPIO: CIRCASIA

AÑO:

1.981

ALTITUD 1.500

LATITUD: 04-36 N

LONGITUD: 75-39 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
								3.0	8.0	0.0	0.0	5.0
								0.0	1.0	0.0	0.0	0.0
								0.0	1.0	39.0	0.0	0.0
								0.0	1.0	0.0	14.0	48.0
								4.0	0.0	11.0	0.0	50.0
								29.0	0.0	3.0	18.0	0.0
								1.0	0.0	4.0	56.0	0.0
								0.0	12.0	30.0	7.0	0.0
								0.0	0.0	0.0	1.0	8.0
								0.0	14.0	0.0	19.0	0.0
								5.0	0.0	9.0	11.0	3.0
								2.0	0.0	2.0	88.0	0.0
								0.0	0.0	14.0	2.0	2.0
								0.0	8.0	3.0	64.0	0.0
								0.0	1.0	5.0	6.0	1.0
								0.0	0.0	0.0	38.0	0.0
								11.0	0.0	0.0	0.0	1.0
								0.0	0.0	5.0	63.0	25.0
								0.0	30.0	0.0	58.0	94.0
								0.0	0.0	0.0	27.0	25.0
								54.0	1.0	0.0	7.0	8.0
								70.0	0.0	31.0	8.0	0.0
								0.0	0.0	30.0	1.0	0.0
								14.0	0.0	0.0	33.0	1.0
								1.0	0.0	0.0	9.0	16.0
								0.0	0.0	10.0	0.0	0.0
								0.0	12.0	19.0	3.0	0.0
								0.0	0.0	0.0	33.0	0.0
								9.0	1.0	58.0	7.0	0.0
								7.0	2.0	0.0	5.0	16.0
								66.0	0.0	40.0	0.0	16.0
Total D. Ll.								276.0 14	92.0 13	313.0 17	569.0 23	325.0 17
												Dias lluvia

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

ESTACION: TUCUMAN

MUNICIPIO: ARMENIA

AÑO: 1.981

ALTITUD: 1.250

LATITUD: 4-32 N.

LONGITUD: 75-44 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1								0.0	9.0	4.0	0.0	0.0	
2								0.0	0.0	0.0	0.0	0.0	
3								0.5	0.0	9.0	0.0	0.0	
4								0.0	0.0	3.0	2.0	0.0	
5								0.0	0.0	0.0	0.0	65.0	
6								0.0	0.0	0.0	9.0	0.0	
7								15.0	0.0	0.0	60.0	0.0	
8								1.0	4.0	0.0	0.0	0.0	
9								0.0	0.0	14.0	0.0	18.0	
10								0.0	26.0	0.0	0.0	0.0	
11								5.0	0.0	22.0	0.0	0.0	
12								30.0	10.0	5.0	10.0	0.0	
13								0.0	0.0	0.0	0.0	0.0	
14								0.0	46.0	1.0	0.0	0.0	
15								0.0	0.0	0.0	10.0	0.0	
16								29.0	0.0	0.0	30.0	0.0	
17								1.0	0.0	10.0	0.0	0.0	
18								0.0	0.0	19.0	0.0	30.0	
19								0.0	0.0	0.0	4.0	0.0	
20								0.0	0.0	0.0	35.0	20.0	
21								9.0	0.0	0.0	0.0	20.0	
22								10.0	0.0	0.0	30.0	0.0	
23								5.0	0.0	15.0	10.0	0.0	
24								4.0	0.0	0.0	8.0	0.0	
25								0.0	0.0	0.0	0.0	0.0	
26								4.0	0.0	16.0	0.0	0.0	
27								0.0	15.0	0.0	0.0	0.0	
28								2.0	0.0	8.0	30.0	0.0	
29								20.0	0.0	12.0	30.0	10.0	
30								0.0	7.0	0.0	5.0	15.0	
31								43.0	0.0	10.0	0.0	20.0	
Total								178.5	117.0	126.0	347.0	190.0	
D. LL.								15	7	13	18	8	
TOTALES ANUALES											958.5 mm.	61	Días lluvia

ESTACION: LA ARGENTINA

MUNICIPIO: LA TEBAIDA

AÑO: 1.981

ALTITUD: 1.200

LATITUD: 4-26 N.

LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	18.0	0.0	0.0	27.0	63.0	16.0	0.0	8.0	0.0	0.0	0.0	
2	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	
3	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	
4	0.0	5.0	0.0	19.0	0.0	0.0	4.0	0.0	0.0	24.0	2.0	0.0	
5	0.0	0.0	54.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	66.0	
6	0.0	0.0	0.0	0.0	7.0	0.0	0.0	42.0	4.0	0.0	0.0	0.0	
7	1.0	0.0	9.0	6.0	10.0	2.0	0.0	11.0	0.0	0.0	62.0	0.0	
8	1.0	0.0	11.0	26.0	10.0	30.0	17.0	3.0	0.0	0.0	0.0	0.0	
9	0.0	22.0	0.0	0.0	7.0	20.0	4.0	0.0	0.0	50.0	28.0	14.0	
10	0.0	0.0	50.0	0.0	7.0	0.0	11.0	3.0	50.0	0.0	9.0	1.0	
11	0.0	11.0	0.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	
12	0.0	22.0	0.0	0.0	0.0	3.0	0.0	21.0	0.0	12.0	0.0	13.0	
13	0.0	0.0	15.0	8.0	17.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	30.0	28.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	
15	0.0	0.0	0.0	10.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	40.0	0.0	8.0	0.0	0.0	0.0	0.0	20.0	0.0	
17	0.0	0.0	5.0	0.0	0.0	0.0	27.0	5.0	0.0	0.0	0.0	0.0	
18	10.0	19.0	0.0	83.0	0.0	15.0	0.0	0.0	0.0	50.0	10.0	17.0	
19	0.0	0.0	0.0	7.0	0.0	0.0	15.0	0.0	0.0	0.0	11.0	14.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	2.0	
21	0.0	0.0	25.0	19.0	0.0	4.0	0.0	14.0	2.0	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	30.0	0.0	0.0	
23	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	30.0	64.0	0.0	
24	0.0	0.0	0.0	3.0	0.0	0.0	0.0	5.0	0.0	10.0	3.0	0.0	
25	0.0	0.0	0.0	16.0	58.0	0.0	0.0	0.0	0.0	12.0	1.0	0.0	
26	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	12.0	0.0	0.0	10.0	0.0	0.0	0.0	17.0	90.0	0.0	
29	0.0	0.0	0.0	4.0	43.0	19.0	0.0	0.0	0.0	16.0	0.0	0.0	
30	9.0	0.0	0.0	17.0	21.0	0.0	0.0	30.0	0.0	0.0	0.0	35.0	
31	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	30.0	
Total	49.0	123.0	225.0	366.0	247.0	154.0	94.0	134.0	64.0	276.0	333.0	156.0	
D. LL.	5	8	11	17	15	13	7	9	4	10	14	10	
TOTALES ANUALES											2301.0 mm.	123	Días lluvia

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

ESTACION: LA ORIENTAL

MUNICIPIO: QUINCHIA

AÑO:

1.981

ALTITUD: 1.630

LATITUD: 5-22 N.

LONGITUD: 75-43 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1						0.0	0.0	0.0	18.0	0.0	6.0	33.0
2						0.0	3.0	5.0	4.0	0.0	9.0	0.0
3						0.0	0.0	0.0	12.0	0.0	7.0	0.0
4						0.0	12.0	0.0	0.0	10.0	0.0	0.0
5						0.0	0.0	0.0	21.0	0.0	33.0	12.0
6						0.0	0.0	1.0	0.0	5.0	20.0	8.0
7						22.0	12.0	3.0	0.0	3.0	37.0	4.0
8						31.0	19.0	23.0	11.0	6.0	25.0	0.0
9						3.0	11.0	3.0	10.0	45.0	38.0	10.0
10						6.0	17.0	0.0	34.0	19.0	12.0	10.0
11						3.0	0.0	2.0	0.0	0.0	3.0	11.0
12						11.0	0.0	14.0	9.0	8.0	5.0	12.0
13						2.0	0.0	4.0	17.0	12.0	17.0	11.0
14						0.0	1.0	0.0	12.0	9.0	66.0	10.0
15						7.0	0.0	12.0	0.0	0.0	1.0	9.0
16						5.0	14.0	13.0	11.0	0.0	3.0	0.0
17						9.0	25.0	23.0	0.0	0.0	0.0	3.0
18						4.0	3.0	31.0	0.0	17.0	0.0	0.0
19						15.0	0.0	0.0	6.0	0.0	8.0	0.0
20						0.0	10.0	1.0	0.0	5.0	9.0	55.0
21						0.0	0.0	40.0	0.0	0.0	0.0	22.0
22						0.0	0.0	8.0	0.0	19.0	4.0	0.0
23						0.0	0.0	6.0	0.0	13.0	20.0	23.0
24						6.0	0.0	7.0	0.0	2.0	0.0	0.0
25						0.0	0.0	2.0	0.0	0.0	0.0	4.0
26						0.0	0.0	1.0	0.0	0.0	0.0	0.0
27					31.0	0.0	0.0	0.0	0.0	34.0	0.0	0.0
28					20.0	16.0	0.0	2.0	0.0	0.0	25.0	0.0
29					14.0	19.0	0.0	31.0	0.0	51.0	0.0	2.0
30					18.0	2.0	0.0	6.0	0.0	15.0	28.0	22.0
31					5.0	0.0	0.0	30.0	0.0	0.0	0.0	10.0
Total D.LL						161.0	127.0	268.0	165.0	273.0	376.0	271.0
<p>TOTALES ANUALES mm. Días lluvia</p>												

ESTACION: EL DIAMANTE
ALTITUD: 1.550

MUNICIPIO: QUINCHIA
LATITUD: 5-19 N.

AÑO:

1.981

LONGITUD: 75-42 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	1.0	0.0	0.0	9.0	0.0	0.0	0.0
2	0.0	2.0	3.0	3.0	36.0	0.0	2.0	0.0	4.0	0.0	0.0	0.0
3	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0
4	0.0	0.0	0.0	6.0	2.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0
5	0.0	5.0	8.0	6.0	20.0	0.0	0.0	0.0	18.0	6.0	0.0	0.0
6	0.0	1.0	0.0	35.0	0.0	15.0	9.0	0.0	0.0	5.0	0.0	9.0
7	0.0	0.0	14.0	0.0	13.0	15.0	0.0	0.0	0.0	11.0	9.0	6.0
8	0.0	0.0	38.0	19.0	6.0	32.0	0.0	22.0	7.0	49.0	45.0	15.0
9	0.0	0.0	11.0	0.0	0.0	3.0	11.0	2.0	0.0	13.0	15.0	2.0
10	0.0	0.0	12.0	0.0	0.0	2.0	14.0	0.0	17.0	0.0	2.0	54.0
11	0.0	1.0	5.0	0.0	37.0	21.0	11.0	10.0	0.0	0.0	6.0	0.0
12	0.0	3.0	38.0	0.0	0.0	3.0	0.0	13.0	22.0	20.0	0.0	0.0
13	0.0	17.0	0.0	0.0	4.0	5.0	0.0	0.0	1.0	0.0	2.0	0.0
14	0.0	8.0	6.0	16.0	0.0	0.0	0.0	0.0	25.0	5.0	11.0	2.0
15	0.0	0.0	1.0	25.0	0.0	4.0	0.0	30.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	6.0	5.0	14.0	0.0	1.0	0.0	0.0	0.0
17	0.0	3.0	0.0	16.0	0.0	4.0	12.0	10.0	0.0	0.0	0.0	17.0
18	0.0	0.0	0.0	64.0	0.0	16.0	0.0	18.0	0.0	1.0	0.0	0.0
19	0.0	1.0	0.0	23.0	0.0	0.0	5.0	0.0	50.0	10.0	5.0	0.0
20	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0	30.0
21	0.0	0.0	0.0	2.0	6.0	0.0	0.0	5.0	0.0	9.0	0.0	14.0
22	0.0	11.0	0.0	42.0	13.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0
23	0.0	3.0	0.0	3.0	36.0	1.0	0.0	13.0	0.0	0.0	15.0	0.0
24	0.0	0.0	0.0	2.0	22.0	6.0	0.0	3.0	0.0	0.0	13.0	4.0
25	0.0	0.0	19.0	3.0	70.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	5.0	18.0	0.0	0.0	5.0	0.0	4.0	0.0	0.0
27	5.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
28	0.0	0.0	10.0	0.0	0.0	12.0	0.0	0.0	15.0	5.0	12.0	0.0
29	0.0	0.0	0.0	0.0	5.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0
30	1.0	0.0	0.0	0.0	17.0	5.0	0.0	13.0	0.0	38.0	46.0	10.0
31	0.0	0.0	0.0	0.0	5.0	0.0	0.0	35.0	0.0	0.0	0.0	30.0
Total D.LL	6.0	55.0	165.0	284.0	340.0	174.0	78.0	214.0	176.0	179.0	192.0	193.0
<p>TOTALES ANUALES mm. Días lluvia</p>												

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

ESTACION: BUENOS AIRES

MUNICIPIO: GUATICA

ARO: 1.981

ALTITUD: 1.830

LATITUD: 5-21 N.

LONGITUD: 75-42 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	7.0	3.0	0.0	0.0	0.0	0.0	1.0	0.0	11.0	0.0	0.0	0.0
2	0.0	31.0	4.0	0.0	22.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
3	0.0	2.0	0.0	0.0	8.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
4	0.0	0.0	0.0	11.0	14.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
5	0.0	7.0	4.0	16.0	22.0	0.0	0.0	0.0	1.0	2.0	0.0	0.0
6	0.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	7.0
7	0.0	0.0	14.0	0.0	32.0	28.0	0.0	0.0	0.0	0.0	12.0	9.0
8	0.0	0.0	1.0	0.0	1.0	27.0	0.0	0.0	22.0	0.0	10.0	5.0
9	0.0	0.0	12.0	0.0	0.0	0.0	12.0	0.0	18.0	0.0	15.0	1.0
10	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	35.0	11.0	1.0	0.0
11	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	5.0
12	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
13	0.0	10.0	0.0	20.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	6.0
14	0.0	2.0	21.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	3.0
15	0.0	10.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0
16	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	3.0	3.0	2.0	0.0
17	0.0	0.0	0.0	98.0	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	20.0
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	1.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	8.0
22	0.0	10.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	9.0	0.0	5.0
23	0.0	16.0	0.0	30.0	19.0	21.0	0.0	4.0	0.0	0.0	2.0	2.0
24	0.0	3.0	0.0	2.0	12.0	8.0	0.0	8.0	0.0	1.0	2.0	0.0
25	0.0	0.0	1.0	1.0	12.0	0.0	0.0	25.0	1.0	6.0	0.0	0.0
26	0.0	0.0	0.0	9.0	72.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
27	0.0	0.0	0.0	15.0	9.0	0.0	0.0	0.0	8.0	1.0	0.0	14.0
28	2.0	0.0	4.0	0.0	0.0	9.0	0.0	6.0	0.0	10.0	0.0	0.0
29	0.0	0.0	0.0	7.0	10.0	15.0	0.0	21.0	0.0	16.0	4.0	0.0
30	7.0	0.0	3.0	12.0	17.0	4.0	0.0	11.0	0.0	15.0	30.0	13.0
31	2.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	4.0	0.0	0.0
Total	18.0	76.0	112.0	296.0	291.0	231.0	101.0	225.0	108.0	149.0	131.0	126.0
D. LL.	4	13	13	20	17	15	13	18	14	19	17	17
TOTALES ANUALES	1864.0 mm.										180 Dias lluvia	

ESTACION: QSPIRMA

MUNICIPIO: GUATICA

ARO: 1.981

ALTITUD: 1.680

LATITUD: 5-20 N.

LONGITUD: 75-45 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.5	0.0	0.0	20.0	0.0	0.5	0.0	15.0	0.0	0.0	0.5
2	0.0	0.5	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.5	10.0	5.0	0.0	20.0	0.0	0.5	0.0	0.5	0.0	0.0	10.0
4	0.0	0.0	0.5	0.5	20.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5
5	0.0	0.5	0.5	30.0	25.0	0.0	0.5	10.0	0.5	0.0	0.0	20.0
6	0.5	0.0	0.0	26.0	0.0	0.5	0.0	15.0	10.0	0.0	20.0	0.0
7	10.0	0.5	20.0	25.0	35.0	0.0	20.0	0.0	0.0	0.0	20.0	0.0
8	0.0	0.0	0.5	10.0	10.0	1.0	10.0	0.0	0.5	15.0	20.0	10.0
9	0.0	0.0	20.0	0.0	20.0	4.0	0.0	0.5	0.5	20.0	0.5	0.0
10	0.0	0.5	10.0	0.0	15.0	0.5	0.0	0.5	20.0	0.5	0.5	0.5
11	0.0	0.0	15.0	0.5	10.0	0.5	0.0	15.0	0.5	0.0	10.0	0.0
12	0.0	0.0	0.0	10.0	10.0	1.0	0.5	20.0	0.0	0.5	10.0	0.0
13	0.0	0.0	4.0	10.0	0.0	1.0	0.5	0.0	20.0	10.0	10.0	0.0
14	0.0	0.5	20.0	0.5	0.5	4.0	0.5	0.0	0.0	0.5	10.0	10.0
15	0.0	10.0	0.0	20.0	0.5	0.5	0.5	0.0	15.0	0.0	0.0	0.0
16	0.0	0.0	0.0	10.0	0.5	0.5	15.0	0.0	10.0	10.0	0.5	0.0
17	0.0	0.0	0.0	15.0	0.5	0.5	0.5	0.0	0.5	0.5	15.0	0.0
18	0.0	0.0	10.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	10.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	15.0	0.0
20	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	10.0	0.5	0.5	0.5
21	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.5	10.0	10.0	0.5
22	0.0	10.0	0.0	15.0	0.0	25.0	0.0	15.0	0.0	20.0	20.0	10.0
23	0.0	35.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0
24	0.0	0.0	0.0	0.5	30.0	15.0	0.0	10.0	0.0	15.0	20.0	0.5
25	0.0	0.0	10.0	0.5	20.0	0.0	0.0	0.5	0.0	10.0	0.0	0.0
26	0.0	0.0	10.0	10.0	10.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	15.0	55.0	0.5	0.0	0.0	0.5	10.0	0.0	0.5
28	0.0	0.0	0.5	25.0	10.0	10.0	0.0	0.0	0.0	0.5	0.5	0.0
29	0.0	0.0	0.5	0.5	0.5	10.0	0.0	0.0	0.0	0.5	0.5	0.0
30	10.0	0.0	0.0	0.0	30.0	0.5	0.0	10.0	10.0	25.0	20.0	0.0
31	0.0	0.0	0.0	0.0	10.0	0.0	0.0	15.0	0.0	0.0	15.0	10.0
Total	21.5	69.5	192.0	347.0	407.5	258.5	59.0	173.0	78.5	184.5	222.0	74.5
D. LL.	5	13	15	23	25	19	12	17	12	22	19	15
TOTALES ANUALES	2087.5 mm.										197 Dias lluvia	

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

ESTACION: TAPARCAL

MUNICIPIO: BELEN DE UMBRIARO:

1.981

ALTITUD: 1.400

LATITUD: 5-11 N.

LONGITUD: 75-52 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	3.0	5.0	9.0	0.0	15.0	0.0	3.0	0.0	
2	0.0	3.0	0.0	0.0	20.0	0.4	0.3	0.0	8.1	0.0	0.0	0.0	
3	0.0	10.0	0.0	1.0	5.8	0.0	0.0	0.0	0.7	0.0	0.0	0.0	
4	0.0	18.0	0.0	25.0	8.0	0.0	0.0	0.0	2.0	18.0	4.0	0.0	
5	0.0	9.0	10.0	30.5	73.0	0.0	9.0	0.0	0.5	0.6	0.0	0.0	
6	0.0	4.0	12.0	34.2	0.0	5.0	4.0	0.0	2.0	1.0	2.0	4.0	
7	0.0	0.0	20.0	26.4	37.0	70.0	9.1	0.4	3.5	2.7	8.2	4.0	
8	0.0	0.0	25.0	0.4	0.3	47.0	15.3	8.0	9.5	3.2	18.5	0.9	
9	0.0	7.0	27.0	0.1	0.0	1.8	7.3	0.0	10.3	85.0	3.0	0.1	
10	0.0	5.0	40.0	0.0	39.1	1.6	13.2	0.0	0.0	0.6	2.7	4.0	
11	10.0	3.0	5.0	0.0	0.8	0.0	0.3	0.5	4.0	0.0	0.2	0.0	
12	0.0	0.0	6.0	30.0	0.0	17.0	0.0	0.0	6.0	35.0	11.5	1.0	
13	0.0	0.0	1.0	3.8	6.0	14.0	1.0	0.0	0.0	0.2	7.0	0.5	
14	0.0	0.0	30.0	10.3	3.0	10.0	0.1	0.0	11.0	0.0	0.0	0.0	
15	0.0	0.0	2.0	31.7	10.0	4.0	1.0	0.0	0.0	22.0	8.0	3.4	
16	0.0	0.0	0.0	40.5	0.1	14.0	4.5	3.0	0.0	0.0	4.7	6.0	
17	0.0	5.0	8.0	22.0	1.0	0.6	9.1	47.3	0.0	0.0	0.0	5.8	
18	0.0	14.0	0.0	28.0	0.0	15.0	0.0	0.3	0.0	0.0	0.0	8.8	
19	0.0	8.0	0.0	8.0	0.9	2.0	0.7	0.0	0.0	0.0	0.0	8.8	
20	0.0	10.0	0.5	0.0	0.0	1.0	0.0	0.0	1.0	0.0	15.0	8.8	
21	2.0	5.0	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.7	14.0	
22	0.0	20.0	0.0	4.0	4.0	5.0	0.0	26.0	1.0	1.0	0.0	3.7	
23	0.0	7.0	0.0	40.0	4.0	1.3	0.0	20.7	0.9	0.0	0.0	1.4	
24	0.0	5.0	0.0	0.6	86.0	14.2	0.0	46.5	0.0	18.0	3.0	0.0	
25	0.0	5.0	8.0	0.0	1.5	0.0	0.0	10.5	0.0	0.0	0.7	0.0	
26	0.0	4.0	0.3	30.0	11.0	0.0	0.0	12.0	0.0	0.0	21.0	0.0	
27	0.0	0.0	0.0	27.0	20.0	0.0	0.0	0.0	0.0	16.0	3.4	0.0	
28	3.0	0.0	6.0	36.0	2.0	0.0	0.0	5.0	0.0	3.2	10.0	0.0	
29	3.0	0.0	0.5	40.6	0.4	0.0	0.0	0.0	0.0	0.0	0.6	0.8	
30	5.0	0.0	7.0	10.0	1.5	0.1	0.0	12.0	0.0	0.0	33.0	1.0	
31	2.0	0.0	0.7	0.0	0.0	0.0	0.0	21.0	0.0	0.3	2.0	15.0	
Total D.LL	25.0	134.0	179.0	480.1	339.0	250.1	83.9	258.3	84.2	226.2	167.6	91.9	
	6	18	19	23	25	23	15	17	17	20	25	19	
TOTALES ANUALES											2319.3 mm.	227	Días Huvia

ESTACION: LA PRIMAVERA
ALTITUD: 1.700

MUNICIPIO: BELEN DE UMBRIARO:

1.981

LATITUD: 5-13 N.

LONGITUD: 75-49 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	3.0	1.0	5.0	1.0	11.0	5.0	0.0	6.0	
2	0.0	0.0	2.0	0.0	0.0	4.0	0.0	0.0	20.0	3.0	1.0	5.0	
3	0.0	15.0	1.0	0.0	30.0	0.0	3.0	0.0	2.0	0.0	0.0	5.0	
4	0.0	0.0	7.0	33.0	20.0	0.0	5.0	0.0	6.0	0.0	1.0	2.0	
5	0.0	3.0	5.0	9.0	23.0	6.0	15.0	2.0	2.0	0.0	5.0	0.0	
6	0.0	0.0	0.0	53.0	18.0	9.0	0.0	13.0	0.0	0.0	3.0	0.0	
7	3.0	0.0	15.0	19.0	16.0	39.0	16.0	16.0	0.0	7.0	0.0	7.0	
8	0.0	0.0	0.0	3.0	2.0	40.0	27.0	3.0	1.0	9.0	1.0	10.0	
9	0.0	11.0	22.0	0.0	0.0	0.0	7.0	3.0	2.0	3.0	2.0	18.0	
10	0.0	0.0	0.0	0.0	0.0	12.0	7.0	0.0	6.0	16.0	3.0	9.0	
11	0.0	3.0	1.0	1.0	5.0	6.0	10.0	0.0	0.0	11.0	0.0	3.0	
12	0.0	0.0	1.0	0.0	2.0	9.0	12.0	0.0	0.0	6.0	7.0	1.0	
13	0.0	7.0	5.0	3.0	1.0	30.0	0.0	6.0	0.0	3.0	18.0	0.0	
14	0.0	0.0	17.0	10.0	0.0	3.0	0.0	1.0	4.0	0.0	7.0	0.0	
15	0.0	0.0	3.0	16.0	0.0	12.0	8.0	1.0	7.0	0.0	9.0	0.0	
16	0.0	1.0	0.0	20.0	13.0	35.0	10.0	21.0	3.0	1.0	6.0	6.0	
17	0.0	0.0	0.0	18.0	6.0	16.0	11.0	26.0	0.0	3.0	0.0	9.0	
18	0.0	0.0	4.0	37.0	1.0	10.0	3.0	5.0	0.0	20.0	0.0	4.0	
19	0.0	3.0	1.0	14.0	5.0	3.0	4.0	0.0	0.0	22.0	5.0	3.0	
20	0.0	1.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	13.0	13.0	2.0	
21	0.0	0.0	0.0	8.0	3.0	6.0	2.0	3.0	8.0	1.0	18.0	5.0	
22	0.0	2.0	0.0	11.0	3.0	4.0	6.0	4.0	9.0	2.0	5.0	8.0	
23	0.0	50.0	0.0	9.0	9.0	0.0	7.0	1.0	3.0	0.0	3.0	1.0	
24	0.0	10.0	1.0	5.0	35.0	5.0	3.0	0.0	0.0	14.0	1.0	0.0	
25	0.0	1.0	5.0	4.0	3.0	3.0	4.0	0.0	0.0	22.0	0.0	0.0	
26	0.0	0.0	0.0	2.0	18.0	4.0	1.0	0.0	1.0	33.0	0.0	13.0	
27	0.0	5.0	0.0	13.0	29.0	5.0	2.0	6.0	3.0	35.0	0.0	15.0	
28	7.0	5.0	0.0	3.0	12.0	10.0	0.0	1.0	2.0	24.0	5.0	6.0	
29	0.0	0.0	0.0	20.0	12.0	5.0	0.0	4.0	0.0	24.0	3.0	8.0	
30	7.0	0.0	0.0	23.0	3.0	0.0	2.0	1.0	3.0	19.0	11.0	6.0	
31	3.0	0.0	0.0	0.0	8.0	0.0	2.0	3.0	0.0	3.0	0.0	14.0	
Total D.LL	20.0	117.0	90.0	334.0	280.0	284.0	172.0	121.0	93.0	301.0	128.0	152.0	
	4	14	15	23	25	25	24	20	18	24	21	22	
TOTALES ANUALES											2092.0 mm.	235	Días Huvia

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

ESTACION: EL TAMBORAL
ALTITUD: 1.450

MUNICIPIO: APIA
LATITUD: 5-07 N.

AÑO: 1.981
LONGITUD: 75-45 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	13.0	0.0	21.0	0.0	17.0	3.0		0.0	0.0	5.0	5.0
2	0.0	0.0	0.0	47.6	0.0	0.0	0.0		0.0	12.0	0.0	0.0
3	0.0	31.0	0.0	0.0	0.0	0.0	1.0		0.0	0.0	0.0	0.0
4	0.0	28.0	0.0	3.2	23.0	0.0	1.5		0.0	13.0	3.7	0.0
5	0.0	0.0	32.5	32.8	10.0	0.0	5.7		0.0	0.0	0.0	16.3
6	0.0	11.0	0.0	0.0	11.0	11.2	0.0		0.0	0.0	9.6	0.0
7	0.0	0.0	8.5	38.0	15.5	31.0	2.5		26.4	3.4	10.8	1.4
8	6.5	0.0	0.0	1.0	0.0	75.0	5.0		6.4	0.0	7.0	0.0
9	0.0	1.0	60.3	0.0	0.0	4.0	11.0		0.0	0.0	10.8	0.0
10	0.0	0.0	1.0	21.5	0.0	31.0	0.0		4.5	37.0	5.8	0.0
11	0.0	20.0	0.0	8.0	0.0	7.3	3.5		26.3	0.0	0.0	0.0
12	0.0	0.0	5.0	0.0	0.0	9.1	0.8		0.0	9.0	0.0	0.0
13	0.0	0.0	0.0	8.3	10.0	0.0	1.0		0.0	2.3	46.5	10.0
14	0.0	0.0	20.0	0.0	54.0	0.0	1.0		0.0	0.0	6.0	5.0
15	0.0	0.0	0.0	14.7	20.0	23.2	0.0		0.0	10.0	0.0	0.0
16	0.0	4.0	0.0	1.0	3.5	4.0	3.0		1.0	10.0	0.0	0.0
17	0.0	25.0	8.0	0.0	0.0	0.0	0.0		1.9	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	30.0	0.0	0.0		2.3	7.5	0.0	0.0
19	1.4	15.0	0.0	0.0	12.0	0.0	0.0		0.0	0.0	20.2	8.0
20	0.0	0.0	0.0	6.0	0.0	0.0	0.0		0.0	0.0	1.0	42.5
21	0.0	0.0	0.0	5.3	0.0	0.0	0.0		10.5	0.0	0.0	4.5
22	0.0	26.0	0.0	11.0	1.6	2.0	0.0		6.6	0.0	0.0	0.0
23	0.0	14.0	3.3	40.1	0.0	0.0	0.0		15.0	0.0	0.0	0.0
24	0.0	0.0	0.0	1.0	0.0	0.0	0.0		3.5	0.0	13.0	0.0
25	0.0	0.0	15.5	1.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0
26	0.0	41.1	0.0	0.3	8.1	0.0	0.0		0.0	4.0	0.0	0.0
27	0.0	0.0	0.0	7.7	30.7	0.0	0.0		0.0	10.2	0.0	0.0
28	3.0	0.0	9.0	19.0	25.1	0.0	0.0		0.0	0.0	43.0	0.0
29	0.0	0.0	0.0	0.0	1.4	13.7	0.0		0.0	13.4	21.0	6.0
30	9.0	0.0	19.0	31.3	2.3	3.0	0.0		29.5	0.0	19.6	6.4
31	0.0	0.0	1.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	10.6
Total	19.9	229.1	183.3	319.4	278.9	265.1	112.4		199.8	140.4	225.7	113.1
D. LL.	4	12	12	20	17	14	14		13	12	16	11
TOTALES ANUALES										mm.		Días lluvia

ESTACION: LOS NARANJOS
ALTITUD: 1.420

MUNICIPIO: SANTIUARIO
LATITUD: 5-01 N.

AÑO: 1.981
LONGITUD: 76-43 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.5	7.0	0.0	0.0		27.0	1.0	0.0	16.0	0.0	0.0	0.0
2	0.0	0.0	0.5	1.0		12.0	0.0	0.0	0.0	4.0	0.0	0.0
3	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	5.0	0.0
4	0.0	10.0	0.0	28.0		0.0	0.0	0.0	9.0	12.0	0.0	0.0
5	0.0	6.0	23.0	45.0		0.0	2.0	36.0	82.0	0.0	5.0	4.0
6	8.0	3.0	0.0	5.0		37.0	0.0	0.0	4.0	0.0	20.0	20.0
7	3.0	0.0	30.0	1.0		30.0	1.0	69.0	10.0	10.0	20.0	10.0
8	0.0	0.0	24.0	0.0		50.0	1.0	0.0	18.0	10.0	27.0	0.0
9	0.0	0.0	0.0	0.0		2.0	2.0	0.0	0.0	15.0	3.0	0.0
10	0.0	0.0	0.0	0.0		0.0	6.0	5.0	20.0	19.0	10.0	10.0
11	0.0	4.0	0.0	0.0		0.0	7.0	26.0	10.0	10.0	12.0	0.0
12	0.0	0.0	1.0	20.0		18.0	0.0	0.0	0.0	0.0	10.0	0.8
13	0.0	0.0	0.0	58.0		0.0	3.0	0.0	9.0	0.0	12.0	10.0
14	0.0	2.0	25.0	25.0		0.0	4.0	0.0	0.0	10.0	10.0	12.0
15	0.0	0.0	0.0	10.0		4.0	3.0	0.0	0.0	13.0	25.0	0.0
16	0.0	0.0	0.5	0.8		30.0	28.0	0.0	0.0	11.0	30.0	10.0
17	0.0	0.0	14.0	12.0		0.0	14.0	0.0	0.0	20.0	0.0	0.0
18	0.0	15.0	0.0	54.0		30.0	0.0	7.0	37.0	0.0	10.0	0.0
19	0.5	20.0	1.0	13.0		0.0	0.5	0.0	0.0	0.0	17.0	15.0
20	0.4	0.0	2.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	20.0
21	0.3	0.0	0.0	10.0		0.0	0.0	0.0	0.0	5.0	10.0	0.0
22	0.0	16.0	0.0	5.0		0.0	0.0	15.0	0.0	0.0	10.0	20.0
23	0.0	13.0	0.0	50.0		0.0	0.0	17.0	0.0	4.0	6.0	10.0
24	0.0	58.0	0.0	10.0		0.0	0.0	0.0	0.0	5.0	0.0	0.0
25	0.0	0.0	16.0	12.0		0.0	0.0	4.0	0.0	35.0	0.0	0.0
26	0.0	0.0	1.0	10.0		3.0	0.0	0.0	0.0	20.0	7.0	8.0
27	0.0	13.0	0.0	34.0		0.0	0.0	0.0	0.0	10.0	0.0	10.0
28	45.0	0.0	0.0	20.0		0.0	0.0	0.0	0.0	9.0	15.0	0.0
29	0.5	0.0	0.0	40.0		28.0	0.0	0.0	8.0	23.0	20.0	0.0
30	1.0	0.0	14.0	4.0		5.0	0.0	0.0	6.0	0.0	25.0	10.0
31	0.0	0.0	0.0	0.0		0.0	0.0	44.0	0.0	40.0	0.0	20.0
Total	59.2	175.5	155.0	468.8		276.0	76.5	223.0	219.0	275.0	309.0	194.8
D. LL.	9	14	13	24		13	14	9	11	19	22	17
TOTALES ANUALES										mm.		Días lluvia

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

ESTACION: TESORITO

MUNICIPIO: LA CELIA

ARO:

1.981

ALTITUD: 1.500

LATITUD: 5-00 N.

LONGITUD: 76-01 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1		5.0	30.0	0.0	0.0	4.0	23.0	0.0	43.0	13.0	0.0	6.0
2		2.0	0.0	0.0	38.0	0.0	0.0	0.0	40.0	2.0	0.0	0.0
3		2.0	0.0	16.0	3.0	0.0	0.0	0.0	68.0	0.0	10.0	0.0
4		2.0	3.0	4.0	10.0	0.0	7.0	0.0	0.0	3.0	10.0	0.0
5		10.0	67.0	24.0	61.0	0.0	1.0	2.0	3.0	0.0	0.0	34.0
6		0.0	0.0	18.0	0.0	12.0	0.0	0.0	0.0	0.0	3.0	0.0
7		1.0	34.0	7.0	7.0	22.0	0.0	0.0	0.0	2.0	28.0	7.0
8		0.0	47.0	1.0	0.0	55.0	0.0	43.0	29.0	25.0	22.0	0.0
9		10.0	60.0	0.0	0.0	6.0	0.0	0.0	1.0	71.0	5.0	4.0
10		0.0	0.0	0.0	28.0	0.0	19.0	0.0	40.0	11.0	31.0	0.0
11		10.0	0.0	33.0	0.0	30.0	13.0	8.0	0.0	7.0	0.0	0.0
12		2.0	0.0	32.0	0.0	54.0	0.0	26.0	29.0	1.0	14.0	5.0
13		0.0	0.0	13.0	36.0	0.0	2.0	0.0	0.0	33.0	19.0	50.0
14		1.0	22.0	47.0	0.0	0.0	56.0	0.0	49.0	4.0	4.0	0.0
15		0.0	0.0	7.0	3.0	4.0	13.0	1.0	0.0	0.0	5.0	0.0
16		0.0	0.0	0.0	0.0	10.0	16.0	1.0	0.0	0.0	7.0	0.0
17		6.0	18.0	5.0	14.0	0.0	6.0	0.0	0.0	53.0	0.0	0.0
18		18.0	0.0	0.0	0.0	58.0	0.0	0.0	64.0	14.0	13.0	0.0
19		12.0	0.0	91.0	0.0	0.0	0.0	0.0	1.0	0.0	53.0	10.0
20		3.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	25.0
21		0.0	0.0	2.0	0.0	15.0	0.0	10.0	0.0	0.0	10.0	15.0
22		7.0	1.0	13.0	2.0	20.0	0.0	1.0	0.0	22.0	6.0	0.0
23		40.0	0.0	17.0	25.0	0.0	0.0	0.0	0.0	20.0	19.0	0.0
24		37.0	0.0	29.0	23.0	0.0	0.0	10.0	0.0	0.0	16.0	0.0
25		0.0	49.0	0.0	39.0	20.0	0.0	5.0	0.0	10.0	0.0	0.0
26		0.0	0.0	9.0	2.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
27		15.0	0.0	13.0	19.0	0.0	0.0	0.0	2.0	0.0	10.0	0.0
28		0.0	45.0	15.0	23.0	0.0	0.0	0.0	1.0	14.0	12.0	0.0
29		0.0	0.0	0.0	19.0	16.0	0.0	4.6	8.0	51.0	25.0	0.0
30		0.0	0.0	11.0	18.0	7.0	0.0	15.0	15.0	10.0	28.0	41.0
31		0.0	0.0	0.0	0.0	0.0	0.0	43.0	0.0	8.0	0.0	5.0
Total D.U.		183.0 18	376.0 11	407.0 21	369.0 18	335.0 15	156.0 10	160.6 14	393.0 15	380.0 21	350.0 22	202.0 11
TOTALES ANUALES									mm.		Días lluvia	

ESTACION: LA TRIBUNA

MUNICIPIO: BALBOA

ARO:

1.981

ALTITUD: 1.500

LATITUD: 4-57 N.

LONGITUD: 75-E7 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	11.0	2.0	6.0	0.0	18.0	0.0	0.0	35.0
2	0.0	0.0	1.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0
3	0.0	4.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	34.0
4	0.0	0.0	0.0	3.0	5.0	0.0	4.0	0.0	2.0	11.0	19.0	22.0
5	0.0	0.0	73.0	66.0	49.0	0.0	0.0	0.0	0.0	8.0	38.0	10.0
6	7.0	0.0	0.0	1.0	0.0	13.0	0.0	0.0	0.0	9.0	7.0	1.0
7	1.0	0.0	34.0	0.0	11.0	7.0	0.0	23.0	0.0	1.0	23.0	17.0
8	0.0	1.0	0.0	0.0	0.0	55.0	0.0	34.0	32.0	58.0	24.0	2.0
9	0.0	0.0	72.0	0.0	0.0	0.0	1.0	0.0	0.0	78.0	1.0	0.0
10	0.0	0.0	0.0	0.0	30.0	1.0	6.0	0.0	19.0	4.0	11.0	0.0
11	0.0	7.0	33.0	16.0	0.0	33.0	8.0	7.0	0.0	0.0	31.0	0.0
12	0.0	17.0	0.0	11.0	0.0	1.0	0.0	41.0	0.0	0.0	5.0	0.0
13	0.0	2.0	0.0	3.0	64.0	0.0	27.0	0.0	0.0	0.0	1.0	0.0
14	0.0	0.0	4.0	32.0	0.0	0.0	49.0	0.0	32.0	4.0	5.0	7.0
15	0.0	0.0	0.0	12.0	10.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
16	0.0	0.5	0.0	0.0	1.0	5.0	46.0	1.0	0.0	0.0	17.0	0.0
17	0.0	2.0	0.0	3.0	16.0	0.0	4.0	0.0	0.0	3.0	0.0	0.0
18	0.0	11.0	0.0	55.0	0.0	33.0	0.0	0.0	56.0	0.0	44.0	0.0
19	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0
20	0.0	3.0	1.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	18.0	0.0
21	0.0	0.0	1.0	34.0	2.0	0.0	0.0	3.0	0.0	33.0	4.0	0.0
22	0.0	12.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	18.0	26.0	0.0
23	0.0	16.0	0.0	6.0	15.0	0.0	0.0	0.0	0.0	28.0	44.0	0.0
24	0.0	0.0	9.0	38.0	2.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0
25	0.0	1.0	10.0	0.0	1.0	0.0	0.0	0.0	0.0	4.0	0.0	10.0
26	0.0	0.0	0.0	3.0	1.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
27	0.0	3.0	0.0	19.0	0.0	0.0	0.0	0.0	20.0	0.0	4.0	0.0
28	0.0	0.0	0.0	43.0	33.0	0.0	0.0	0.0	5.0	2.0	26.0	9.0
29	0.0	0.0	0.0	0.0	40.0	12.0	0.0	30.0	1.0	43.0	27.0	0.0
30	0.0	0.0	5.0	33.0	5.0	0.0	0.0	1.0	31.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	1.0	0.0	0.0	46.0	0.0	11.0	0.0	38.0
Total D.U.	8.0 2	94.5 14	268.0 11	351.0 18	351.0 20	164.0 11	151.0 9	194.0 11	217.0 10	325.0 17	410.0 23	210.0 13
TOTALES ANUALES									mm.		Días lluvia	

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

ESTACION: LA PALMERA

MUNICIPIO: MARSELLA

AÑO: 1.981

ALTITUD: 1.450

LATITUD: 5-00 N.

LONGITUD: 75-45 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	8.0	15.0	0.0	2.0	0.0	0.0	10.0
2	0.0	0.0	0.0	20.0	9.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	15.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	32.0	0.0	10.0	20.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
5	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	27.0	6.0	0.0	10.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	58.0	0.0	0.0	5.0	44.0	0.0	20.0	20.0	0.0	0.0
8	0.0	1.0	0.0	0.0	0.0	19.0	25.0	0.0	0.0	20.0	0.0	0.0
9	0.0	18.0	0.0	10.0	5.0	10.0	25.0	0.0	0.0	20.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	20.0	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	17.0	10.0	0.0	18.0	0.0	2.0	0.0	18.0	4.0	1.0	0.0	0.0
13	0.0	25.0	0.0	6.0	18.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0
14	0.0	18.0	30.0	6.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
15	0.0	0.0	7.0	6.0	33.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	10.0	19.0	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	4.0	1.0	0.0	0.0	0.0	0.0	0.0
19	0.0	10.0	0.0	0.0	5.0	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	45.0	8.0	5.0	0.0	0.0	20.0	0.0	4.0	0.0	12.0
22	0.0	11.0	0.0	8.0	20.0	10.0	0.0	20.0	0.0	0.0	0.0	5.0
23	0.0	3.0	0.0	2.0	15.0	0.0	0.0	4.0	0.0	50.0	0.0	0.0
24	0.0	2.0	0.0	0.0	5.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	7.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	9.0	0.0	50.0	5.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	3.0	13.0	30.0	0.0	0.0	0.0	0.0	0.0	40.0	20.0	0.0
29	0.0	0.0	0.0	0.0	10.0	10.0	0.0	12.0	0.0	22.0	35.0	0.0
30	0.0	0.0	0.0	10.0	3.0	0.0	0.0	6.0	9.0	0.0	54.0	50.0
31	0.0	0.0	0.0	0.0	20.0	0.0	0.0	41.0	0.0	0.0	0.0	0.0
Total D. LL.	43.0	169.0	194.0	289.0	232.0	203.0	179.0	151.0	89.0	193.0	268.0	159.0
TOTALES ANUALES	7	16	8	14	17	16	11	12	9	12	12	10
	2169.0 mm.											Días lluvia
												144

ESTACION: MORENITA
ALTITUD: 1.440

MUNICIPIO: MARSELLA
LATITUD: 4-54 N.

AÑO: 1.981
LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	10.0	21.0	25.9	0.0	28.0	20.2	0.0	0.0
2	0.0	0.0	0.5	5.1	17.6	0.0	0.0	0.0	2.0	5.1	0.0	30.4
3	0.0	2.0	0.0	3.1	4.0	0.0	0.0	0.0	2.4	0.2	5.4	0.0
4	0.0	2.0	5.4	40.0	5.0	0.0	0.6	0.0	10.0	0.0	40.0	0.0
5	0.0	11.2	49.3	9.2	28.0	6.6	8.0	0.0	0.0	1.4	0.0	0.0
6	0.0	3.0	0.0	10.5	0.0	42.0	2.1	0.0	18.0	2.2	7.4	0.0
7	6.4	0.0	42.6	0.0	6.0	52.0	0.0	0.0	0.0	21.9	7.4	0.0
8	0.1	1.4	7.0	12.0	0.0	14.9	2.3	26.5	12.2	2.1	5.4	0.0
9	0.0	1.0	35.4	8.1	0.0	76.0	15.1	0.0	3.5	38.0	30.2	0.0
10	0.5	4.2	0.2	0.0	33.6	5.0	6.4	0.0	39.4	52.0	0.0	28.2
11	0.0	6.4	0.0	3.4	0.0	35.0	2.1	7.4	0.0	0.0	2.3	17.0
12	0.0	3.0	26.0	48.6	0.0	23.6	0.1	6.3	0.0	0.0	20.0	17.0
13	0.0	8.4	0.0	1.0	24.4	12.0	0.3	0.0	0.0	5.0	5.4	24.0
14	0.0	0.0	6.2	0.3	0.0	4.7	34.4	0.0	14.1	0.0	7.4	12.0
15	0.0	19.4	4.2	61.3	50.0	5.0	0.5	14.4	1.1	37.4	5.4	32.4
16	0.0	4.6	0.0	0.0	4.2	18.4	19.0	0.0	1.3	2.0	7.4	12.0
17	0.0	0.0	0.0	1.4	0.0	0.0	7.5	0.0	0.0	21.0	0.0	0.0
18	0.0	9.0	1.4	39.2	0.0	15.4	0.0	7.5	8.6	3.2	0.0	10.0
19	0.0	0.5	0.0	4.0	0.0	0.4	5.4	14.0	2.5	5.4	0.0	0.0
20	0.0	0.5	10.0	0.0	0.0	1.3	0.0	27.4	0.0	0.0	0.0	5.0
21	0.0	22.0	27.8	7.5	3.3	0.0	0.0	23.0	0.0	27.0	0.0	32.0
22	0.0	0.0	16.0	0.0	65.4	1.7	0.0	56.3	0.0	27.0	0.0	3.2
23	0.0	0.0	0.0	0.0	37.0	1.5	0.0	10.2	0.0	0.0	7.4	0.0
24	0.0	5.0	2.4	0.0	69.0	0.0	0.0	24.4	4.6	0.0	0.0	0.0
25	0.0	3.7	2.0	0.0	6.6	0.5	0.0	23.7	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	4.7	8.0	0.0	0.0	7.0	0.0
27	0.0	0.0	0.0	36.7	4.3	0.0	0.0	0.0	4.0	9.0	3.4	0.0
28	1.0	10.0	0.0	26.6	2.4	0.0	3.0	0.0	4.0	7.4	24.2	8.0
29	0.0	0.0	0.0	0.4	28.0	35.0	0.0	9.6	5.3	3.2	0.0	0.0
30	2.0	0.0	0.0	45.8	7.0	0.0	0.0	29.5	8.8	5.4	26.2	22.0
31	5.2	0.0	0.0	0.0	10.3	0.0	0.0	5.6	0.0	15.0	0.0	0.0
Total D. LL.	15.2	114.3	236.4	364.2	416.1	376.7	129.7	293.8	165.8	311.1	204.5	212.4
TOTALES ANUALES	6	19	16	20	20	21	15	16	17	22	16	14
	2840.2 mm.											Días lluvia
												202

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.AÑO:

1.981

ALTITUD: 1.620

LATITUD: 4-54 N.

LONGITUD: 75-38 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	3.0	17.0	22.0	0.0	16.0	0.0	0.0	0.0
2	0.0	0.0	27.0	7.0	35.0	0.0	0.0	0.0	0.0	6.0	0.0	8.0
3	0.0	0.0	0.0	5.0	0.0	0.0	19.0	0.0	10.0	0.0	0.0	0.0
4	0.0	0.0	0.0	12.0	10.0	5.0	23.0	0.0	8.0	22.0	0.0	0.0
5	0.0	17.0	46.0	23.0	35.0	12.0	38.0	1.0	6.0	0.0	0.0	80.0
6	0.0	14.0	0.0	15.0	9.0	33.0	0.0	0.0	0.0	32.0	4.0	0.0
7	0.0	0.0	8.0	2.0	0.0	22.0	0.0	0.0	0.0	25.0	0.0	0.0
8	0.0	0.0	13.0	1.0	0.0	54.0	9.0	2.0	50.0	6.0	16.0	0.0
9	1.0	26.0	10.0	0.0	0.0	8.0	18.0	0.0	6.0	0.0	0.0	0.0
10	0.0	8.0	0.0	0.0	13.0	31.0	39.0	0.0	46.0	26.0	8.0	0.0
11	0.0	13.0	0.0	35.0	8.0	3.0	0.0	5.0	6.0	7.0	43.0	0.0
12	0.0	0.0	0.0	26.0	0.0	22.0	0.0	0.0	8.0	19.0	15.0	0.0
13	0.0	0.0	26.0	0.0	64.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	17.0	10.0	0.0	4.0	7.0	0.0	32.0	13.0	21.0	7.0
15	0.0	11.0	12.0	51.0	16.0	7.0	0.0	0.0	0.0	6.0	12.0	0.0
16	0.0	0.0	0.0	0.0	8.0	9.0	34.0	7.0	2.0	19.0	0.0	0.0
17	0.0	0.0	0.0	0.0	19.0	0.0	0.0	3.0	3.0	37.0	0.0	0.0
18	0.0	11.0	0.0	31.0	0.0	17.0	2.0	0.0	0.0	15.0	17.0	13.0
19	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	7.0	0.0	16.0	0.0
20	0.0	13.0	27.0	0.0	0.0	38.0	5.0	2.0	0.0	17.0	28.0	0.0
21	0.0	8.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0
22	0.0	0.0	11.0	19.0	34.0	5.0	4.0	5.0	0.0	0.0	0.0	0.0
23	3.0	4.0	0.0	33.0	9.0	4.0	0.0	3.0	0.0	7.0	25.0	0.0
24	0.0	0.0	0.0	0.0	17.0	0.0	0.0	4.0	26.0	8.0	0.0	0.0
25	0.0	36.0	15.0	9.0	25.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	14.0	0.0	22.0	0.0	0.0	0.0	31.0	0.0	0.0
27	7.0	9.0	12.0	12.0	0.0	6.0	0.0	0.0	0.0	12.0	0.0	0.0
28	0.0	12.0	0.0	15.0	0.0	5.0	0.0	0.0	0.0	5.0	21.0	0.0
29	0.0	0.0	0.0	13.0	39.0	9.0	0.0	0.0	5.0	48.0	42.0	0.0
30	22.0	0.0	2.0	5.0	5.0	0.0	8.0	0.0	23.0	10.0	7.0	0.0
31	37.0	0.0	0.0	0.0	27.0	0.0	0.0	25.0	0.0	9.0	0.0	27.0
Total	70.0	182.0	226.0	373.0	376.0	345.0	220.0	57.0	254.0	394.0	275.0	135.0
D.LL	5	13	13	22	18	22	12	10	16	23	14	5
TOTALES ANUALES	2907.0 mm.										173	Días lluvia

ESTACION: EL BOSQUE
ALTITUD: 1.450

MUNICIPIO: DOSQUEBRADAS
LATITUD: 4-50 N.

AÑO: 1.981
LONGITUD: 75-41 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	16.0	0.0	17.0	32.0	3.0	0.0	26.0	0.0	0.0	6.0
2	0.0	0.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0
3	0.0	0.0	35.0	5.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	7.0
4	0.0	0.0	48.0	25.0	17.0	0.0	18.0	0.0	0.0	6.0	14.0	3.0
5	0.0	10.0	3.0	6.0	30.0	8.0	12.0	7.0	0.0	0.0	0.0	67.0
6	0.0	0.0	0.0	6.0	0.0	28.0	0.0	0.0	0.0	50.0	30.0	0.0
7	0.0	12.0	46.0	5.0	14.0	4.0	3.0	0.0	0.0	12.0	0.0	6.0
8	0.0	0.0	3.0	3.0	1.0	33.0	0.0	2.0	13.0	3.0	86.0	0.0
9	0.0	0.0	0.0	0.0	4.0	3.0	17.0	30.0	3.0	10.0	1.0	0.0
10	0.0	0.0	0.0	0.0	32.0	1.0	11.0	0.0	61.0	13.0	30.0	0.0
11	0.0	9.0	26.0	10.0	8.0	21.0	17.0	0.0	0.0	0.0	49.0	2.0
12	0.0	0.0	39.0	9.0	0.0	6.0	0.0	9.0	4.0	3.0	13.0	0.0
13	0.0	2.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0
14	0.0	0.0	6.0	2.0	0.0	11.0	0.0	0.0	9.0	13.0	6.0	0.0
15	0.0	0.0	0.0	0.0	75.0	18.0	2.0	0.0	0.0	6.0	8.0	0.0
16	0.0	0.0	28.0	0.0	10.0	38.0	12.0	10.0	4.0	17.0	12.0	0.0
17	0.0	0.0	0.0	3.0	0.0	0.0	16.0	9.0	0.0	16.0	0.0	0.0
18	0.0	11.0	9.0	55.0	0.0	48.0	0.0	6.0	0.0	9.0	19.0	17.0
19	0.0	0.0	21.0	4.0	5.0	9.0	0.0	0.0	0.0	0.0	10.0	10.0
20	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	7.0
21	0.0	29.0	0.0	27.0	31.0	1.0	18.0	0.0	0.0	7.0	7.0	5.0
22	0.0	50.0	4.0	4.0	48.0	13.0	0.0	86.0	0.0	0.0	18.0	0.0
23	0.0	35.0	36.0	18.0	30.0	0.0	0.0	0.0	5.0	51.0	26.0	0.0
24	0.0	0.0	3.0	0.0	31.0	0.0	0.0	26.0	0.0	0.0	8.0	0.0
25	6.0	0.0	9.0	0.0	16.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
26	0.0	0.0	2.0	12.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
27	0.0	0.0	0.0	35.0	1.0	0.0	0.0	0.0	0.0	42.0	6.0	0.0
28	0.0	0.0	0.0	23.0	3.0	9.0	0.0	0.0	20.0	31.0	40.0	0.0
29	0.0	0.0	8.0	7.0	25.0	26.0	0.0	6.0	0.0	31.0	16.0	0.0
30	10.0	0.0	0.0	17.0	15.0	0.0	0.0	2.0	16.0	21.0	1.0	18.0
31	35.0	0.0	0.0	0.0	14.0	0.0	8.0	26.0	0.0	15.0	0.0	0.0
Total	62.0	158.0	342.0	351.0	433.0	284.0	135.0	221.0	172.0	401.0	417.0	148.0
D.LL	4	8	18	21	23	17	11	13	11	23	22	11
TOTALES ANUALES	3124.0 mm.										182	Días lluvia

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

ESTACION: LA PRIMAVERA

MUNICIPIO: DOSQUEBRADAS AÑO: 1.981

ALTITUD: 1.540

LATITUD: 4-50 N.

LONGITUD: 75-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	10.0	0.0	30.0	0.0	14.0	4.0	0.0	13.0	13.0	0.0	
2	0.0	1.0	0.0	0.0	5.0	0.0	2.0	0.0	0.0	0.0	0.0	4.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	4.0	0.0	10.0	0.0	
4	0.0	0.0	0.0	0.0	8.0	19.0	0.0	8.0	10.0	12.0	0.0	42.0	
5	0.0	0.0	28.0	28.0	20.0	57.0	0.0	0.0	0.0	60.0	0.0	0.0	
6	0.0	10.0	0.0	0.0	0.1	3.0	0.0	0.0	0.0	16.0	0.0	10.0	
7	0.0	0.0	54.0	54.0	4.0	35.0	2.0	4.0	0.0	10.0	50.0	0.0	
8	0.0	1.0	0.0	0.0	8.0	3.0	24.0	30.0	10.0	11.0	2.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	14.0	13.0	0.0	5.0	3.0	48.0	0.0	
10	0.0	0.0	1.0	12.0	22.0	0.7	5.0	0.0	74.0	13.0	8.0	0.0	
11	4.0	12.0	0.0	28.0	7.0	10.0	0.0	5.0	5.0	9.0	16.0	0.0	
12	0.0	0.0	0.0	4.0	0.0	0.0	0.0	8.0	0.0	3.0	0.0	0.0	
13	0.0	10.0	0.0	0.0	18.0	23.0	0.0	0.0	11.0	7.0	0.0	0.0	
14	0.0	0.0	0.0	3.0	0.0	4.0	5.0	0.0	22.0	6.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	29.0	22.0	4.0	25.0	15.0	10.0	0.0	
16	0.0	0.0	0.0	5.0	19.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0	2.0	10.0	50.0	0.0	
18	0.0	0.0	0.0	49.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	20.0	
19	0.0	20.0	0.0	5.0	30.0	0.0	0.0	0.0	5.0	0.0	10.0	3.0	
20	10.0	1.0	11.0	6.0	18.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
21	0.0	11.0	39.0	12.0	65.0	10.0	0.0	10.0	0.0	5.0	30.0	13.0	
22	0.0	39.0	20.0	9.0	30.0	0.0	5.0	59.0	4.0	20.0	10.0	0.0	
23	0.0	0.0	0.0	5.0	38.0	0.0	0.0	5.0	0.0	64.0	1.0	0.0	
24	0.0	0.0	0.0	7.0	5.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	
25	0.0	10.0	4.0	2.0	10.0	3.0	0.0	6.0	0.0	12.0	0.0	0.0	
26	0.0	0.0	0.0	50.0	0.6	0.0	0.0	0.0	4.0	15.0	10.0	0.0	
27	0.0	2.0	0.0	4.0	35.0	12.0	0.0	8.0	20.0	23.0	0.0	2.0	
28	0.0	0.0	8.0	3.0	12.0	20.0	0.0	0.0	0.0	31.0	69.0	0.0	
29	5.0	0.0	0.0	2.0	13.0	2.0	0.0	7.0	0.5	35.0	4.0	0.0	
30	15.0	0.0	0.0	2.0	10.0	0.2	9.0	35.0	3.0	8.0	2.0	0.0	
31	0.0	0.0	0.0	0.0	13.0	0.0	0.0	11.0	0.0	3.0	0.0	0.0	
Total	34.0	121.0	175.0	286.0	420.7	289.9	119.0	204.0	184.8	401.0	368.0	94.0	
D. LI.	4	12	9	20	24	18	11	15	17	24	20	7	
TOTALES ANUALES											2697.4 mm.	181	Dias fluvia

ESTACION: EL CASTILLO

MUNICIPIO: SANTA ROSA DE CABAL AÑO: 1.981

ALTITUD: 1.550

LATITUD: 04-56 N.

LONGITUD: 75-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1					7.0	43.0	2.0	0.0	0.0	2.0	0.0	0.0
2					26.0	0.0	10.0	0.0	0.0	5.0	0.0	0.0
3					0.0	0.0	2.0	0.0	0.0	15.0	5.0	12.0
4					32.0	0.0	11.0	0.0	0.0	3.0	15.0	8.0
5					22.0	60.0	12.0	9.0	0.0	0.0	5.0	0.0
6					0.0	57.0	0.0	30.0	0.0	27.0	20.0	0.0
7					9.0	20.0	0.0	10.0	0.0	20.0	10.0	0.0
8					1.0	62.0	2.0	18.0	0.0	10.0	9.0	10.0
9					0.0	5.0	68.0	0.0	0.0	15.0	0.0	0.0
10					30.0	23.0	26.0	9.0	0.0	6.0	4.0	0.0
11					15.0	15.0	20.0	0.0	0.0	5.0	5.0	0.0
12					2.0	1.0	9.0	5.0	0.0	25.0	14.0	0.0
13					40.0	2.0	0.0	0.0	0.0	10.0	7.0	5.0
14					1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
15					40.0	3.0	25.0	0.0	0.0	4.0	22.0	0.0
16					7.0	6.0	25.0	4.0	0.0	0.0	0.0	0.0
17					1.0	0.0	14.0	0.0	0.0	20.0	4.0	0.0
18					0.0	18.0	0.0	10.0	0.0	10.0	10.0	0.0
19					0.0	0.0	0.0	0.0	0.0	0.0	11.0	10.0
20					0.0	10.0	2.0	1.0	0.0	0.0	5.0	5.0
21					55.0	0.0	0.0	28.0	0.0	65.0	0.0	20.0
22					3.0	15.0	0.0	7.0	0.0	15.0	0.0	0.0
23					30.0	8.0	1.0	1.0	0.0	25.0	24.0	0.0
24					0.1	14.0	0.0	8.0	0.0	9.0	7.0	0.0
25					20.0	10.0	2.0	0.0	0.0	0.0	0.0	0.0
26					0.5	0.0	0.0	0.0	0.0	18.0	0.0	0.0
27					30.0	2.0	0.0	0.0	0.0	10.0	30.0	0.0
28					20.0	4.0	32.0	0.0	0.0	9.0	20.0	5.0
29					5.0	27.0	0.0	0.0	6.0	52.0	22.0	0.0
30					35.0	6.0	0.0	0.0	3.0	5.0	0.0	0.0
31					0.0	4.0	0.0	0.0	55.0	0.0	0.0	40.0
Total					327.0	360.0	211.0	187.0	0.0	366.0	249.0	123.0
D. LI.					24	17	15	15	0	22	20	10
TOTALES ANUALES											mm.	Dias fluvia

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

ESTACION: LOS CAMBULOS

MUNICIPIO: PEREIRA

AÑO: 1.981

ALTITUD: 1.240

LATITUD: 4-49 N.

LONGITUD: 75-50 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	20.0	0.0	0.0	0.0	57.0	53.0	0.0	14.0	0.0	0.0	18.0
2	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	4.0	13.0	0.0	0.0
3	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
4	5.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	58.0	55.0	0.0
5	0.0	18.0	26.0	20.0	30.0	0.0	0.0	0.0	0.0	0.0	13.0	24.0
6	0.0	0.0	0.0	0.0	0.0	5.0	0.0	11.0	0.0	0.0	15.0	0.0
7	25.0	1.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	1.0	7.0	0.0
8	0.0	0.0	10.0	1.0	0.0	12.0	0.0	0.0	32.0	0.0	37.0	0.0
9	0.0	0.0	59.0	0.0	0.0	1.0	2.0	0.0	0.0	0.0	27.0	0.0
10	0.0	0.0	0.0	0.0	9.0	0.0	4.0	0.0	27.0	53.0	37.0	0.0
11	0.0	5.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	12.0	0.0
12	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
13	0.0	0.0	0.0	2.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	5.0	2.0	0.0	0.0	33.0	0.0	7.0	0.0	17.0	0.0
15	0.0	0.0	1.0	21.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	12.0	0.0	0.0	13.0	1.0	15.0	6.0	0.0	0.0	0.0	0.0
17	0.0	0.0	8.0	8.0	9.0	0.0	13.0	0.0	1.0	0.0	15.0	0.0
18	0.0	4.0	0.0	100.0	0.0	12.0	0.0	8.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0
20	2.0	0.0	3.0	0.0	0.0	0.0	4.0	11.0	0.0	12.0	2.0	0.0
21	0.0	7.0	10.0	3.0	50.0	0.0	0.0	0.0	4.0	0.0	0.0	14.0
22	0.0	31.0	1.0	0.0	0.0	3.0	0.0	34.0	0.0	0.0	3.0	0.0
23	0.0	3.0	0.0	13.0	7.0	0.0	0.0	0.0	0.0	80.0	14.0	0.0
24	0.0	0.0	0.0	0.0	51.0	0.0	0.0	11.0	0.0	0.0	10.0	0.0
25	0.0	0.0	10.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	2.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	24.0	0.0	0.0	0.0	9.0	5.0	2.0	0.0	0.0
28	0.0	0.0	0.0	30.0	4.0	0.0	0.0	30.0	0.0	5.0	65.0	0.0
29	0.0	0.0	0.0	0.0	4.0	0.0	0.0	10.0	7.0	0.0	39.0	0.0
30	2.0	0.0	0.0	32.0	0.0	32.0	0.0	9.0	3.0	23.0	27.0	41.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	11.0	0.0	10.0
Total D.LL	34.0	104.0	153.0	298.0	253.0	133.0	124.0	146.0	107.0	258.0	437.0	115.0
TOTALES ANUALES	4	10	11	14	13	9	7	14	11	10	19	7
2162.0 mm.											Días lluvia	

ESTACION: BELMONTE
ALTITUD: 1.340

MUNICIPIO: PEREIRA
LATITUD: 4-48 N.

AÑO: 1.981
LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	5.0	4.0	0.0	0.0	28.0	10.0	48.0	0.0	11.0	37.0	0.0	1.0
2	0.0	0.0	1.0	0.0	19.0	0.0	0.0	0.0	2.0	6.0	0.0	0.0
3	0.0	19.0	0.0	10.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	5.0	55.0	0.0	6.0	0.0	4.0	46.0	20.0	0.0
5	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	10.0	41.0
6	0.0	0.0	0.0	3.0	0.0	48.0	0.0	0.0	0.0	14.0	37.0	0.0
7	3.0	0.0	0.0	3.0	10.0	0.0	0.0	7.0	0.0	3.0	7.0	0.0
8	0.0	0.0	0.0	0.0	0.0	18.0	3.0	0.0	4.0	0.0	52.0	0.0
9	0.0	0.0	4.0	0.0	19.0	0.0	0.0	0.0	20.0	20.0	0.0	0.0
10	0.0	0.0	0.0	0.0	2.0	4.0	8.0	0.0	0.0	14.0	70.0	7.0
11	0.0	6.0	0.0	7.0	2.0	4.0	0.0	4.0	0.0	0.0	8.0	0.0
12	0.0	0.0	5.0	0.0	0.0	2.0	4.0	2.0	0.0	0.0	5.0	0.0
13	0.0	8.0	5.0	1.0	32.0	0.0	0.0	5.0	2.0	3.0	0.0	0.0
14	0.0	0.0	9.0	14.0	0.0	2.0	0.0	0.0	9.0	5.0	8.0	0.0
15	0.0	0.0	0.0	76.0	52.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	2.0	0.0	0.0	2.0	4.0	13.0	2.0	0.0	0.0	19.0	0.0
17	0.0	0.0	29.0	4.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0
18	0.0	7.0	0.0	43.0	0.0	9.0	0.0	5.0	0.0	0.0	2.0	23.0
19	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0
20	17.0	0.0	9.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	4.0	0.0	0.0	0.0	23.0	0.0	17.0	6.0	17.0
22	0.0	6.0	5.0	2.0	33.0	17.0	0.0	31.0	3.0	20.0	0.0	11.0
23	0.0	5.0	0.0	12.0	23.0	4.0	0.0	0.0	0.0	40.0	0.0	0.0
24	0.0	0.0	2.0	1.0	46.0	16.0	0.0	19.0	0.0	0.0	25.0	0.0
25	0.0	0.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
27	0.0	0.0	0.0	35.0	9.0	0.0	0.0	1.0	27.0	0.0	0.0	0.0
28	0.0	6.0	8.0	15.0	0.0	23.0	0.0	0.0	0.0	9.0	50.0	0.0
29	0.0	0.0	0.0	8.0	23.0	25.0	0.0	0.0	10.0	34.0	12.0	0.0
30	7.0	0.0	0.0	23.0	10.0	0.0	4.0	52.0	10.0	4.0	3.0	30.0
31	5.0	0.0	0.0	0.0	22.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0
Total D.LL	37.0	97.0	146.0	279.0	404.0	201.8	100.0	183.0	114.0	272.0	368.0	130.0
TOTALES ANUALES	5	9	14	20	18	16	9	13	12	15	18	7
2331.8 mm.											Días lluvia	

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

ESTACION: HIROSHIMA

MUNICIPIO: PEREIRA

AÑO: 1.981

ALTITUD: 1.340

LATITUD: 4-46 N.

LONGITUD: 75-44 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	29.3	0.0	0.0	13.0	21.0	31.8	1.0	23.1	4.4	0.0	2.0	
2	0.0	0.0	1.8	0.0	27.7	0.0	0.0	0.0	3.1	14.6	0.0	0.0	
3	0.0	3.7	0.0	16.7	0.6	0.0	3.5	0.0	7.9	4.9	0.0	0.0	
4	0.0	0.5	0.0	5.4	36.8	0.0	2.8	0.0	0.0	11.0	15.6	0.0	
5	0.0	2.1	14.4	26.0	18.1	0.0	5.8	1.0	10.5	0.0	1.9	7.0	
6	0.0	0.0	0.0	0.0	0.5	70.0	0.0	0.0	0.0	47.5	24.0	1.2	
7	1.4	0.0	1.5	2.2	6.0	4.0	1.8	1.3	0.0	15.5	9.1	0.0	
8	0.0	0.0	4.2	2.3	0.0	38.3	3.0	0.0	1.9	6.6	24.1	4.5	
9	0.0	0.0	29.2	0.0	0.0	27.1	3.1	0.0	7.6	10.5	7.6	0.0	
10	0.0	0.0	0.0	0.0	12.9	0.0	21.6	0.0	23.0	3.6	15.8	10.5	
11	0.0	7.3	0.0	0.0	22.6	0.0	0.0	0.0	1.5	0.0	4.6	0.0	
12	1.2	0.0	2.3	17.0	0.0	1.7	0.0	3.5	3.8	0.0	7.0	0.0	
13	0.0	6.4	53.6	10.0	53.3	0.0	0.0	1.5	0.0	0.0	3.5	1.2	
14	0.0	0.0	6.1	9.7	0.0	3.0	3.4	0.0	8.0	2.6	9.0	4.3	
15	0.0	0.0	4.5	70.0	11.8	3.3	3.0	2.8	0.0	0.0	5.4	0.5	
16	0.0	1.4	0.0	15.7	20.0	0.0	21.0	4.9	2.7	6.4	19.8	0.0	
17	0.0	0.0	3.3	3.3	1.6	37.4	19.0	0.0	0.0	13.3	0.0	0.0	
18	0.0	3.0	0.0	42.0	0.0	0.0	0.0	5.3	0.0	0.0	5.6	6.0	
19	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	33.6	2.0	
20	8.5	0.0	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5	9.0	
21	0.0	2.4	0.0	2.0	0.0	0.0	0.0	23.4	2.0	1.0	2.1	24.5	
22	0.0	20.0	17.7	5.5	19.2	15.4	0.0	76.7	0.0	35.0	0.0	19.5	
23	0.0	10.0	0.0	12.0	17.0	3.0	0.0	6.9	0.0	75.3	1.2	0.0	
24	0.0	0.0	0.0	0.4	50.0	13.9	0.0	21.7	0.0	3.3	3.0	0.0	
25	0.0	0.0	11.0	0.0	3.0	0.0	0.0	3.1	0.0	0.0	0.5	0.0	
26	0.0	0.0	0.0	2.2	2.7	0.0	0.0	5.8	0.0	2.3	0.4	0.0	
27	0.0	0.0	0.0	6.3	0.0	0.0	0.0	1.1	23.3	3.7	2.7	0.0	
28	0.0	24.1	11.5	5.2	18.6	6.2	0.0	0.0	8.1	66.5	0.0	0.0	
29	0.0	0.0	0.0	17.9	29.8	40.0	0.0	3.4	3.3	22.4	6.0	1.2	
30	0.4	0.0	0.0	6.1	17.3	2.5	0.0	11.2	1.0	3.0	2.5	36.5	
31	21.5	0.0	3.3	0.0	11.8	0.0	0.0	24.5	0.0	20.0	0.0	16.0	
Total D.LL.	33.0	110.2	182.5	345.6	393.1	307.8	111.7	196.9	126.4	317.6	294.0	145.9	
TOTALES ANUALES										2564.7 mm.		203	Días lluvia

ESTACION: COMBIA
ALTITUD: 1.350

MUNICIPIO: PEREIRA
LATITUD: 4-50 N.

AÑO: 1.981
LONGITUD: 75-50 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	26.0	8.0	
2	0.0	0.0	7.0	0.0	14.0	0.0	0.0	0.0	16.0	29.0	7.0	
3	0.0	0.0	0.0	35.0	10.0	0.0	6.0	0.0	0.0	5.0	0.0	
4	0.0	2.0	0.0	20.0	35.0	0.0	16.0	0.0	0.0	5.0	8.0	
5	0.0	0.0	20.0	6.0	30.0	0.0	0.0	10.0	6.0	30.0	0.0	
6	0.0	0.0	0.0	0.0	3.0	24.0	0.0	0.0	0.0	20.0	0.0	
7	0.0	27.0	8.0	5.0	5.0	14.0	0.0	0.0	6.0	6.0	0.0	
8	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	5.0	40.0	
9	0.0	0.0	60.0	0.0	0.0	0.0	6.0	5.0	0.0	10.0	0.0	
10	0.0	0.0	15.0	0.0	28.0	10.0	0.0	0.0	30.0	0.0	0.0	
11	0.0	7.0	0.0	0.0	0.0	9.0	0.0	12.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	12.0	0.0	12.0	4.0	0.0	0.0	0.0	15.0	
13	0.0	5.0	0.0	0.0	51.0	9.0	0.0	11.0	0.0	6.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	40.0	58.0	98.0	0.0	0.0	5.0	0.0	7.0	10.0	
16	0.0	4.0	0.0	0.0	0.0	0.0	32.0	15.0	0.0	0.0	15.0	
17	0.0	2.0	29.0	0.0	0.0	10.0	0.0	17.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	44.0	0.0	10.0	0.0	0.0	6.0	10.0	60.0	
19	0.0	4.0	0.0	10.0	0.0	0.0	0.0	0.0	20.0	10.0	23.0	
20	10.0	0.0	19.0	0.0	0.0	0.0	0.0	8.0	7.0	10.0	0.0	
21	0.0	0.0	0.0	0.0	20.0	0.0	0.0	20.0	0.0	15.0	40.0	
22	0.0	39.0	0.0	0.0	0.0	5.0	0.0	33.0	0.0	20.0	10.0	
23	0.0	5.0	0.0	0.0	62.0	0.0	0.0	10.0	4.0	60.0	0.0	
24	0.0	0.0	0.0	0.0	86.0	4.0	0.0	20.0	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	30.0	
26	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	5.0	0.0	20.0	
27	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	2.0	30.0	0.0	15.0	0.0	18.0	0.0	34.0	8.0	20.0	10.0	
29	0.0	0.0	0.0	25.0	40.0	30.0	0.0	10.0	30.0	15.0	0.0	
30	6.0	0.0	0.0	89.0	9.0	14.0	7.0	30.0	0.0	0.0	0.0	
31	7.0	0.0	0.0	0.0	29.0	0.0	0.0	53.0	0.0	20.0	0.0	
Total D.LL.	25.0	127.0	198.0	369.0	517.0	173.0	91.0	295.0	137.0	339.0	296.0	
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 PLAYA

MUNICIPIO: PEREIRA

AÑO:

1.981

ALTITUD: 1.350

LATITUD: 04-45 N

LONGITUD: 75-44 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1				0.0	0.0	52.0	6.0	0.0	17.0	53.0	0.0	26.0	
2				0.0	20.0	0.0	0.0	0.0	13.0	28.0	0.0	50.0	
3			0.0	52.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	5.0	
4			0.0	17.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	
5			20.0	8.0	40.0	37.0	11.0	0.0	8.0	0.0	0.0	20.0	
6			0.0	0.0	0.0	12.0	0.0	0.0	0.0	1.0	50.0	0.0	
7			16.0	0.0	6.0	15.0	0.0	0.0	0.0	1.0	28.0	0.0	
8			5.0	6.0	0.0	5.0	7.0	0.0	0.0	10.0	42.0	0.0	
9			42.0	0.0	0.0	0.0	7.0	14.0	0.0	10.0	7.0	0.0	
10			0.0	0.0	20.0	0.0	5.0	0.0	20.0	18.0	49.0	33.0	
11			0.0	0.0	15.0	25.0	0.0	0.0	0.0	0.0	27.0	0.0	
12			22.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
13			0.0	0.0	29.0	0.0	5.0	6.0	0.0	0.0	0.0	10.0	
14			7.0	0.0	0.0	0.0	0.0	0.0	10.0	1.0	0.0	0.0	
15			10.0	81.0	81.0	16.0	8.0	1.0	0.0	0.0	5.0	0.0	
16			0.0	0.0	0.0	19.0	12.0	19.0	0.0	0.0	9.0	0.0	
17			7.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
18			4.0	41.0	0.0	1.0	4.0	5.0	0.0	0.0	6.0	12.0	
19			0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	14.0	
20			18.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	1.0	
21			0.0	0.0	0.0	6.0	0.0	31.0	0.0	0.0	0.0	0.0	
22			6.0	0.0	34.0	6.0	0.0	24.0	7.0	8.0	0.0	11.0	
23			0.0	0.0	19.0	0.0	0.0	0.0	0.0	55.0	10.0	0.0	
24			0.0	0.0	61.0	1.0	0.0	26.0	0.0	0.0	23.0	0.0	
25			0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0	
26			0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27			0.0	31.0	10.0	0.0	0.0	0.0	15.0	7.0	0.0	0.0	
28			0.0	36.0	0.0	13.0	0.0	24.0	0.0	8.0	0.0	0.0	
29			0.0	0.0	35.0	35.0	0.0	5.0	0.0	16.0	0.0	0.0	
30			0.0	51.0	7.0	23.0	0.0	22.0	30.0	0.0	20.0	0.0	
31			0.0	0.0	32.0	0.0	0.0	45.0	0.0	18.0	0.0	0.0	
Total D.LL.			157.0	349.0	427.0	266.0	65.0	222.0	120.0	281.0	342.0	189.0	
TOTALES ANUALES											2418.0 mm.		Días lluvia

ESTACION: LA TIERRICA

MUNICIPIO: PEREIRA

AÑO:

1.981

ALTITUD: 1.300

LATITUD: 4-47 N

LONGITUD: 75-48 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	0.0	33.0	15.0	0.0	12.0	0.0	0.0	7.0	
2	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0	
3	0.0	24.0	0.0	0.0	20.0	0.0	0.0	0.0	2.0	0.0	0.0	6.0	
4	0.0	0.0	0.0	27.0	7.0	0.0	10.0	0.0	10.0	27.0	28.0	0.0	
5	0.0	6.0	30.0	0.0	25.0	0.0	3.0	0.0	0.0	0.0	4.0	42.0	
6	0.0	0.0	0.0	0.0	0.0	34.0	0.0	0.0	0.0	3.0	16.0	0.0	
7	2.0	0.0	39.0	0.0	0.0	45.0	0.0	20.0	3.0	10.0	23.0	7.0	
8	0.0	1.0	0.0	0.0	0.0	10.0	2.0	0.0	0.0	4.0	36.0	0.0	
9	15.0	0.0	0.0	0.0	0.0	2.0	6.0	7.0	0.0	57.0	9.0	19.0	
10	0.0	15.0	0.0	0.0	15.0	0.0	9.0	2.0	32.0	18.0	3.0	8.0	
11	0.0	0.0	0.0	39.0	3.0	55.0	0.0	0.0	0.0	0.0	16.0	0.0	
12	0.0	0.0	0.0	25.0	0.0	12.0	4.0	2.0	0.0	0.0	12.0	0.0	
13	0.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	5.0	20.0	
14	0.0	0.0	0.0	0.0	43.0	8.0	42.0	0.0	20.0	0.0	0.0	6.0	
15	0.0	0.0	16.0	40.0	5.0	8.0	10.0	0.0	0.0	0.0	5.0	4.0	
16	0.0	0.0	10.0	5.0	5.0	7.0	32.0	15.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	5.0	0.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0	
18	0.0	0.0	0.0	48.0	0.0	0.0	10.0	0.0	0.0	2.0	0.0	0.0	
19	0.0	0.0	0.0	6.0	0.0	2.0	0.0	6.0	5.0	0.0	30.0	0.0	
20	5.0	0.0	16.0	0.0	0.0	3.0	2.0	0.0	0.0	11.0	0.0	4.0	
21	0.0	0.0	43.0	0.0	60.0	4.0	0.0	95.0	0.0	13.0	4.0	0.0	
22	0.0	24.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	13.0	0.0	1.0	
23	0.0	19.0	0.0	4.0	17.0	0.0	0.0	0.0	0.0	51.0	14.0	0.0	
24	0.0	0.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	17.0	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	15.0	18.0	0.0	0.0	3.0	0.0	4.0	0.0	0.0	
27	0.0	0.0	0.0	5.0	0.0	10.0	0.0	0.0	7.0	8.0	0.0	0.0	
28	0.0	5.0	0.0	63.0	0.0	0.0	0.0	16.0	2.0	4.0	30.0	0.0	
29	0.0	0.0	0.0	56.0	11.0	36.0	0.0	4.0	13.0	13.0	8.0	0.0	
30	22.0	0.0	0.0	50.0	10.0	28.0	0.0	14.0	13.0	0.0	28.0	21.0	
31	15.0	0.0	0.0	0.0	5.0	0.0	3.0	55.0	0.0	2.0	0.0	2.0	
Total D.LL.	59.0	109.0	144.0	418.0	405.0	297.0	138.0	267.0	119.0	279.0	288.0	147.0	
TOTALES ANUALES											2670.0 mm.		Días lluvia

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

ESTACION: PALESTINA

MUNICIPIO: RIONEGRO

AÑO:

1.981

ALTITUD: 1.350

LATITUD: 7-21 N.

LONGITUD:

73-C7 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	12.0	12.0	0.0	0.0	25.0	9.0	0.0	0.0	0.0	20.0	0.0	0.0	
2	0.0	0.0	2.0	0.0	12.0	5.0	0.0	0.0	3.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	
4	0.0	0.0	0.0	58.0	0.0	0.0	8.0	0.0	0.0	0.0	2.0	0.0	
5	0.0	0.0	10.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	2.0	15.0	0.0	13.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
7	0.0	0.0	14.0	0.0	10.0	15.0	0.0	6.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	12.0	20.0	0.0	0.0	14.0	15.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	18.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	7.0	0.0	
11	67.0	10.0	0.0	15.0	29.0	0.0	0.0	0.0	0.0	15.0	17.0	10.0	
12	33.0	26.0	15.0	13.0	0.0	4.0	0.0	20.0	20.0	0.0	0.0	0.0	
13	12.0	25.0	9.0	10.0	0.0	0.0	0.0	15.0	24.0	12.0	35.0	0.0	
14	0.0	0.0	10.0	0.0	13.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	10.0	30.0	0.0	14.0	0.0	0.0	0.0	0.0	55.0	0.0	4.0	
16	0.0	25.0	0.0	61.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	
17	13.0	0.0	13.0	0.0	12.0	0.0	0.0	44.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	50.0	0.0	0.0	20.0	0.0	13.0	0.0	0.0	
19	0.0	45.0	0.0	32.0	50.0	0.0	88.0	20.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	11.0	4.0	7.0	0.0	0.0	0.0	0.0	
21	0.0	35.0	0.0	10.0	16.0	0.0	0.0	23.0	0.0	0.0	10.0	11.0	
22	0.0	20.0	0.0	51.0	0.0	17.0	0.0	0.0	20.0	0.0	55.0	0.0	
23	0.0	0.0	0.0	5.0	0.0	4.0	0.0	0.0	18.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	10.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	
25	12.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	7.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0	0.0	
27	20.0	7.0	0.0	67.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	34.0	18.0	4.0	0.0	0.0	10.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	2.0	24.0	9.0	0.0	3.0	36.0	0.0	
30	0.0	0.0	0.0	56.0	5.0	0.0	0.0	13.0	0.0	0.0	0.0	7.0	
31	0.0	0.0	0.0	0.0	7.0	0.0	2.0	7.0	0.0	0.0	0.0	0.0	
Total D.LL.	169.0 7	229.0 12	122.0 10	430.0 14	269.0 18	95.0 11	145.0 7	199.0 12	154.0 8	150.0 10	126.0 9	32.0 4	
TOTALES ANUALES								2120.0 mm.		122			Dias lluvia

ESTACION: LOS COCOS

MUNICIPIO: RIONEGRO

AÑO:

1.981

ALTITUD: 1.300

LATITUD: 7-18 N.

LONGITUD:

73-07 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	2.0	0.0	0.0	21.0	6.0	0.0		11.0	23.0	8.0	0.0
2	0.0	0.0	2.0	0.0	3.0	29.0	0.0		0.0	7.0	0.0	0.0
3	0.0	0.0	0.0	0.0	25.0	18.0	3.0		0.0	0.0	1.0	0.0
4	0.0	0.0	3.0	50.0	11.0	0.0	12.0		0.0	0.0	0.0	0.0
5	0.0	1.0	2.0	1.0	8.0	1.0	1.0		4.0	2.0	0.0	14.0
6	0.0	0.0	22.0	0.0	6.0	2.0	6.0		0.0	32.0	0.0	10.0
7	0.0	0.0	18.0	1.0	8.0	4.0	6.0		0.0	29.0	0.0	0.0
8	0.0	0.0	30.0	0.0	6.0	0.0	3.0		0.0	2.0	0.0	0.0
9	0.0	0.0	18.0	0.0	21.0	8.0	2.0		24.0	0.0	0.0	8.0
10	0.0	0.0	0.0	0.0	8.0	0.0	1.0		5.0	7.0	11.0	2.0
11	7.0	22.0	3.0	11.0	8.0	0.0	1.0		0.0	0.0	16.0	0.0
12	0.0	0.0	0.0	7.0	0.0	1.0	2.0		0.0	0.0	28.0	0.0
13	10.0	1.0	16.0	0.0	7.0	0.0	1.0		11.0	0.0	5.0	0.0
14	0.0	10.0	31.0	0.0	7.0	0.0	0.0		0.0	1.0	0.0	0.0
15	0.0	12.0	0.0	5.0	16.0	1.0	0.0		11.0	27.0	1.0	0.0
16	0.0	25.0	0.0	3.0	0.0	0.0	0.0		0.0	0.0	27.0	0.0
17	26.0	0.0	0.0	11.0	7.0	0.0	1.0		0.0	40.0	2.0	0.0
18	0.0	1.0	0.0	40.0	21.0	0.0	0.0		0.0	1.0	0.0	0.0
19	0.0	19.0	0.0	0.0	21.0	0.0	0.0		0.0	0.0	0.0	0.0
20	0.0	37.0	0.0	0.0	0.0	22.0	20.0		0.0	0.0	6.0	0.0
21	0.0	9.0	0.0	0.0	1.0	0.0	8.0		0.0	6.0	37.0	6.0
22	0.0	22.0	29.0	29.0	29.0	23.0	0.0		0.0	0.0	0.0	0.0
23	0.0	0.0	21.0	22.0	5.0	1.0	1.0		12.0	28.0	0.0	0.0
24	0.0	0.0	82.0	16.0	3.0	5.0	0.0		3.0	13.0	0.0	0.0
25	19.0	0.0	0.0	0.0	0.0	17.0	0.0		0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	3.0	0.0	0.0	0.0		0.0	12.0	0.0	0.0
27	0.0	3.0	0.0	20.0	21.0	0.0	0.0		2.0	60.0	5.0	0.0
28	2.0	0.0	0.0	0.0	0.0	0.0	2.0		0.0	0.0	45.0	3.0
29	22.0	0.0	0.0	10.0	0.0	12.0	3.0		0.0	32.0	10.0	0.0
30	4.0	0.0	0.0	11.0	35.0	0.0	0.0		0.0	1.0	0.0	2.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	24.0
Total D.LL.	90.0 7	164.0 13	221.0 12	240.0 16	294.0 22	144.0 15	87.0 14		93.0 12	329.0 20	202.0 14	59.0 7
TOTALES ANUALES								mm.		Dias lluvia		

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

ESTACION: EL DANUBIO

MUNICIPIO: LANDAZURI

AÑO: 1.981

ALTITUD:

LATITUD: 6-13 N.

LONGITUD: 73-48 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	22.0	0.0	12.0	51.0	0.0	0.0	17.0	0.0	0.0	0.0
2	0.0	16.0	11.0	0.0	33.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0
3	0.0	12.0	33.0	0.0	0.0	6.0	0.0	0.0	11.0	0.0	0.0	0.0
4	0.0	0.0	6.0	28.0	6.0	0.0	27.0	0.0	0.0	6.0	8.0	0.0
5	0.0	0.0	0.0	0.0	10.0	0.0	32.0	45.0	30.0	4.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0
7	0.0	0.0	17.0	0.0	92.0	0.0	16.0	0.0	66.0	0.0	0.0	8.0
8	0.0	0.0	0.0	12.0	47.0	0.0	0.0	0.0	0.0	0.0	57.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	23.0	33.0	25.0	10.0	0.0	30.0
10	0.0	0.0	30.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
11	12.0	32.0	0.0	12.0	9.0	0.0	0.0	6.0	4.0	0.0	14.0	25.0
12	42.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	12.0	0.0	12.0	0.0	0.0	10.0	0.0	6.0	0.0	0.0	0.0	0.0
14	0.0	0.0	35.0	28.0	10.0	13.0	0.0	11.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	45.0	0.0	0.0
16	0.0	0.0	0.0	0.0	6.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	9.0	19.0	0.0	0.0	15.0	9.0	13.0	15.0	5.0	0.0
18	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	3.0	0.0	18.0	0.0
19	0.0	21.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	15.0	35.0	53.0
20	0.0	0.0	0.0	0.0	1.0	35.0	30.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	22.0	0.0	13.0	0.0	51.0	0.0	0.0	0.0	0.0
22	0.0	0.0	11.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	65.0	0.0
23	0.0	43.0	0.0	24.0	0.0	0.0	0.0	5.0	18.0	50.0	0.0	0.0
24	0.0	0.0	0.0	4.0	0.0	0.0	0.0	4.0	0.0	2.0	0.0	0.0
25	0.0	0.0	6.0	30.0	0.0	0.0	0.0	3.0	0.0	0.0	4.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.0	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	44.0	5.0	0.0	0.0
28	16.0	0.0	0.0	0.0	15.0	3.0	0.0	5.0	0.0	0.0	0.0	7.0
29	0.0	0.0	0.0	29.0	13.0	11.0	0.0	11.0	10.0	78.0	3.0	0.0
30	0.0	0.0	13.0	18.0	60.0	0.0	14.0	3.0	0.0	0.0	0.0	2.0
31	0.0	0.0	0.0	0.0	0.0	0.0	11.0	45.0	0.0	20.0	0.0	0.0
Total D.LL.	82.0	124.0	205.0	262.0	380.0	200.0	183.0	315.0	197.0	317.0	214.0	117.0
	4	5	12	12	16	11	9	15	10	13	10	5
TOTALES ANUALES	2596.0 mm.											Días lluvia
												122

ESTACION: LA FLORESTA

MUNICIPIO: RIONEGRO

AÑO: 1.981

ALTITUD:

LATITUD: 7-15 N.

LONGITUD: 73-10 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	11.0	0.0	30.0	0.0	0.0	0.0	0.0	10.0	35.0	0.0
2	0.0	0.0	0.0	0.0	15.0	30.0	0.0	0.0	10.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	15.0	0.0	10.0
4	0.0	40.0	0.0	50.0	40.0	0.0	54.0	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	5.0	30.0	0.0	0.0
6	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	15.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0
8	0.0	10.0	0.0	0.0	15.0	0.0	20.0	0.0	20.0	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	25.0	0.0	15.0	0.0	0.0	0.0	10.0	0.0	0.0	20.0	10.0	0.0
11	20.0	0.0	0.0	16.0	0.0	20.0	0.0	0.0	40.0	0.0	0.0	0.0
12	22.0	10.0	0.0	24.0	0.0	0.0	0.0	20.0	132.0	0.0	15.0	0.0
13	0.0	0.0	40.0	20.0	0.0	0.0	20.0	0.0	50.0	50.0	10.0	15.0
14	0.0	0.0	50.0	10.0	42.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
15	0.0	5.0	0.0	20.0	35.0	0.0	10.0	0.0	0.0	56.0	0.0	0.0
16	0.0	41.0	0.0	0.0	0.0	0.0	10.0	15.0	0.0	0.0	0.0	0.0
17	0.0	5.0	0.0	24.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	10.0	0.0	60.0	0.0	0.0	20.0	0.0	0.0	40.0	0.0	0.0
19	0.0	45.0	0.0	25.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	15.0
20	0.0	0.0	5.0	0.0	0.0	23.0	0.0	0.0	0.0	20.0	0.0	60.0
21	0.0	5.0	0.0	0.0	0.0	0.0	15.0	10.0	0.0	0.0	10.0	0.0
22	0.0	60.0	0.0	30.0	0.0	15.0	0.0	0.0	0.0	20.0	0.0	0.0
23	0.0	0.0	0.0	15.0	6.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0
24	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	10.0	0.0	34.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0
27	0.0	7.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
29	30.0	0.0	0.0	10.0	0.0	30.0	0.0	0.0	0.0	20.0	44.0	0.0
30	30.0	0.0	0.0	15.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	15.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total D.LL.	177.0	238.0	222.0	335.0	272.0	118.0	159.0	105.0	317.0	321.0	134.0	110.0
	9	11	8	14	11	5	8	6	8	11	7	5
TOTALES ANUALES	2508.0 mm.											Días lluvia
												103

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

ESTACION: VILLANUEVA

MUNICIPIO: CHARALA

AÑO: 1.981

ALTITUD: 1.450

LATITUD: 6-16 N.

LONGITUD: 73-08 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	46.0	12.0	75.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	4.0	12.0	0.0	0.0	0.0	0.0	2.0	44.0	36.0	0.0	
3	0.0	2.0	30.0	0.0	0.0	0.0	2.0	36.0	4.0	0.0	36.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	30.0	0.0	44.0	2.0	0.0	60.0	36.0	
5	0.0	5.0	12.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	36.0	28.0	0.0	50.0	0.0	0.0	0.0	22.0	0.0	
7	0.0	0.0	18.0	0.0	40.0	22.0	0.0	28.0	26.0	48.0	0.0	24.0	
8	4.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	
9	0.0	1.0	10.0	46.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	60.0	0.0	0.0	32.0	4.0	0.0	0.0	56.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76.0	0.0	0.0	0.0	
12	1.0	0.0	0.0	28.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	4.0	32.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	22.0	36.0	36.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	
16	0.0	0.0	0.0	18.0	0.0	16.0	0.0	0.0	0.0	44.0	0.0	4.0	
17	0.0	0.0	0.0	24.0	0.0	0.0	20.0	6.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	12.0	0.0	4.0	0.0	10.0	0.0	50.0	24.0	0.0	
19	0.0	0.0	0.0	0.0	12.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	2.0	0.0	10.0	0.0	18.0	18.0	0.0	0.0	
21	0.0	18.0	0.0	0.0	90.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	34.0	0.0	48.0	0.0	12.0	0.0	56.0	0.0	0.0	
23	0.0	0.0	2.0	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	42.0	72.0	0.0	0.0	30.0	12.0	0.0	0.0	0.0	
25	10.0	0.0	26.0	6.0	48.0	0.0	0.0	0.0	0.0	24.0	4.0	0.0	
26	0.0	4.0	0.0	0.0	0.0	0.0	52.0	0.0	2.0	0.0	0.0	35.0	
27	12.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	54.0	54.0	0.0	62.0	
28	0.0	0.0	0.0	0.0	27.0	6.0	8.0	0.0	0.0	0.0	0.0	0.0	
29	5.0	0.0	0.0	12.0	4.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	4.0	34.0	0.0	2.0	54.0	0.0	52.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86.0	0.0	0.0	0.0	0.0	
Total	79.0	124.0	192.0	324.0	406.5	256.0	205.0	334.0	228.0	482.0	208.0	161.0	
D. Ll.	5	13	11	14	14	11	11	10	12	11	7	5	
TOTALES ANUALES											2999.5 mm.	124	Días Iluvia

ESTACION: LA LOMA
ALTITUD: 1.400

MUNICIPIO: FLORIDABLANCA
LATITUD: 7-04 N.

AÑO: 1.981
LONGITUD: 73-05 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	4.0	0.0	0.0	2.0	7.0	10.0	0.0	2.0	15.0	7.0	10.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	3.0	0.0	0.0	1.0	0.0	3.0	4.0	7.0	
4	0.0	0.0	35.0	63.0	0.0	0.0	19.0	0.0	3.0	1.0	3.0	0.0	
5	0.0	0.0	0.0	0.0	11.0	3.0	2.0	0.0	4.0	7.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	
7	0.0	0.0	0.0	14.0	2.0	4.0	0.0	0.0	4.0	0.0	4.0	0.0	
8	0.0	0.0	0.0	0.0	5.0	0.0	2.0	0.0	5.0	0.0	3.0	0.0	
9	0.0	0.0	0.0	0.0	6.0	0.0	13.0	6.0	3.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	50.0	10.0	15.0	0.0	3.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	12.0	0.0	
12	25.0	0.0	0.0	15.0	0.0	5.0	0.0	0.0	3.0	0.0	0.0	0.0	
13	30.0	0.0	0.0	10.0	0.0	0.0	0.0	16.0	35.0	3.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	6.0	5.0	0.0	0.0	1.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	4.0	4.0	0.0	2.0	14.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	8.0	8.0	0.0	0.0	0.0	1.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	10.0	9.0	1.0	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	1.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	1.0	11.0	0.0	15.0	0.0	0.0	0.0	0.0	
22	0.0	4.0	0.0	4.0	20.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	20.0	0.0	0.0	15.0	6.0	1.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	7.0	0.0	0.0	1.0	0.0	11.0	0.0	25.0	0.0	0.0	
25	30.0	30.0	50.0	10.0	6.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	65.0	0.0	5.0	0.0	0.0	0.0	14.0	0.0	10.0	
27	0.0	0.0	0.0	0.0	10.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	3.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	38.0	10.0	1.0	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	0.0	36.0	0.0	2.0	3.0	2.0	9.0	10.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	2.0	6.0	0.0	0.0	0.0	5.0	
Total	89.0	90.0	97.0	242.0	220.0	206.0	104.0	101.0	152.0	245.0	117.0	63.0	
D. Ll.	4	3	4	13	20	17	12	15	23	17	15	10	
TOTALES ANUALES											1726.0 mm.	153	Días Iluvia

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

ESTACION: NIPORAL

MUNICIPIO: FLORIDABLANCA ARO:

1.981

ALTITUD: 1.200

LATITUD: 7-04 N.

LONGITUD: 73-06 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	4.0	0.0	7.0		
2	0.0			0.0	0.0	21.0	0.0	0.0	10.0	0.0	0.0		
3	0.0			0.0	0.0	0.0	0.0	0.0	0.0	37.0	0.0		
4	48.0			47.0	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	8.0			0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	0.0			4.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0		
8	0.0			0.0	0.0	0.0	0.0	9.0	8.0	0.0	0.0		
9	0.0			0.0	8.0	0.0	0.0	0.0	17.0	0.0	0.0		
10	0.0			0.0	0.0	11.0	4.0	4.0	17.0	0.0	23.0		
11	6.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	17.0			19.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0		
13	0.0			0.0	43.0	6.0	0.0	14.0	12.0	21.0	16.0		
14	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
15	0.0			0.0	7.0	0.0	0.0	0.0	0.0	37.0	0.0		
16	0.0			0.0	0.0	22.0	0.0	0.0	29.0	0.0	0.0		
17	0.0			0.0	0.0	0.0	7.0	0.0	8.0	9.0	0.0		
18	0.0			4.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0		
19	0.0			4.0	0.0	0.0	0.0	16.0	12.0	0.0	0.0		
20	0.0			0.0	0.0	6.0	12.0	0.0	0.0	0.0	0.0		
21	0.0			0.0	17.0	0.0	0.0	39.0	0.0	0.0	16.0		
22	0.0			0.0	30.0	8.0	0.0	0.0	0.0	0.0	0.0		
23	0.0			0.0	5.0	0.0	0.0	16.0	0.0	24.0	0.0		
24	0.0			0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0		
25	44.0			0.0	22.0	0.0	0.0	0.0	0.0	10.0	0.0		
26	0.0			16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
27	0.0			48.0	33.0	0.0	0.0	0.0	4.0	0.0	0.0		
28	0.0			0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0		
29	0.0			14.0	0.0	29.0	0.0	0.0	0.0	29.0	8.0		
30	5.0			0.0	27.0	0.0	0.0	0.0	10.0	67.0	0.0		
31	0.0			0.0	18.0	0.0	0.0	5.0	0.0	0.0	0.0		
Total D.LL	122.0 5			192.0 7	222.0 12	111.0 8	60.0 5	122.0 9	128.0 11	255.0 9	75.0 5		
TOTALES ANUALES											1307.0 mm.	71	Días lluvia

ESTACION: NEW YORK
ALTITUD: 960

MUNICIPIO: SAN VICENTE
LATITUD: 6-52 N.

ARO: 1.981
LONGITUD: 73-24 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	35.0	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	10.0	10.0	10.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	10.0	25.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
4	0.0	0.0	0.0	0.0	10.0	50.0	85.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	33.0	0.0	0.0	0.0	90.0	0.0	10.0	0.0	0.0	0.0	
6	0.0	0.0	28.0	10.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	55.0	10.0	0.0	10.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	12.0	0.0	10.0	0.0	0.0	20.0	0.0	
9	0.0	0.0	0.0	0.0	15.0	0.0	15.0	0.0	25.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	25.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	60.0	0.0	24.0	0.0	10.0	0.0	0.0	20.0	0.0	10.0	130.0	10.0	
12	70.0	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	20.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	10.0	50.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	50.0	0.0	10.0	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	20.0	0.0	0.0	
17	0.0	0.0	0.0	50.0	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	30.0	0.0	0.0	7.0	80.0	0.0	0.0	0.0	
19	0.0	52.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0	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	50.0	16.0	0.0	0.0	0.0	40.0	40.0	0.0	0.0	
22	0.0	120.0	0.0	2.0	0.0	0.0	0.0	90.0	0.0	0.0	0.0	0.0	
23	30.0	0.0	110.0	0.0	10.0	40.0	0.0	20.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	15.0	0.0	0.0	0.0	0.0	20.0	0.0	20.0	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	20.0	0.0	
26	0.0	0.0	0.0	15.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	20.0	
27	0.0	0.0	0.0	8.0	0.0	15.0	0.0	20.0	0.0	40.0	0.0	0.0	
28	0.0	0.0	0.0	40.0	15.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	0.0	60.0	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	160.0 3	172.0 2	211.0 5	222.0 9	431.0 15	237.0 11	210.0 5	305.0 11	185.0 5	150.4 8	200.0 5	30.0 2	
TOTALES ANUALES											2513.4 mm.	81	Días lluvia

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

ESTACION: SANTA CRUZ

MUNICIPIO: SAN VICENTE

AÑO: 1.981

ALTITUD: 750

LATITUD: 6-52 N.

LONGITUD: 73-23 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	10.0	0.0	22.0	50.0	0.0	22.0	0.0
2	0.0	0.0	0.0	0.0	45.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	13.0	0.0	13.0	0.0	10.0	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	10.0	0.0	12.0	0.0	0.0	0.0	0.0	30.0
6	0.0	0.0	15.0	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	57.0	0.0	15.0	0.0	55.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	36.0	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	7.0	14.0	0.0	22.0	0.0	0.0	0.0
12	16.0	0.0	0.0	0.0	23.0	0.0	1.0	0.0	20.0	0.0	30.0	2.0
13	2.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
14	6.0	0.0	0.0	20.0	0.0	0.0	0.0	10.0	18.0	0.0	20.0	0.0
15	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	44.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	10.0	0.0
17	0.0	0.0	0.0	5.0	17.0	0.0	1.0	0.0	0.0	22.0	0.0	0.0
18	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
19	0.0	13.0	0.0	6.0	20.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
20	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	44.0	5.0	8.0	0.0	0.0	50.0	0.0	5.0	1.0	0.0
22	0.0	90.0	5.0	0.0	0.0	0.0	0.0	24.0	0.0	15.0	35.0	0.0
23	0.0	0.0	45.0	0.0	0.0	10.0	17.0	15.0	33.0	30.0	4.0	0.0
24	0.0	0.0	10.0	0.0	10.0	16.0	0.0	10.0	0.0	0.0	0.0	0.0
25	59.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
26	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0
27	0.0	0.0	0.0	50.0	10.0	0.0	0.0	0.0	0.5	43.0	0.0	0.0
28	50.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0	8.5	22.0	0.0	0.0
29	0.0	0.0	0.0	0.0	27.0	0.0	4.0	12.0	0.0	10.0	1.0	0.0
30	0.0	0.0	0.0	35.0	2.0	0.0	10.0	0.0	0.0	20.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	20.0	0.0	0.0
Total D.LL.	173.0 6	128.0 6	217.0 11	237.5 12	306.0 15	83.0 8	96.0 10	262.0 14	174.0 10	294.5 15	146.0 14	65.0 4
TOTALES ANUALES								2182.0 mm.			125 Dias Iluvia	

ESTACION: NAZARETH
ALTITUD: 1.000

MUNICIPIO: SAN VICENTE
LATITUD: 6-57 N.

AÑO: 1.981
LONGITUD: 73-25 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	11.0	0.0	0.0	0.0	13.0	22.0	0.0	9.0	8.0	0.0	93.0	0.0
2	0.0	3.0	4.0	0.0	19.0	0.0	3.0	13.0	0.0	0.0	0.0	3.0
3	0.0	0.0	7.0	0.0	39.0	0.0	0.0	2.0	4.0	81.0	21.0	0.0
4	0.0	0.0	10.0	14.0	4.0	0.0	8.0	0.0	6.0	6.0	57.0	0.0
5	0.0	0.0	13.0	0.0	12.0	0.0	12.0	0.0	0.0	0.0	0.0	45.0
6	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
7	0.0	0.0	0.0	0.0	119.0	18.0	0.0	10.0	0.0	3.0	0.0	0.0
8	0.0	36.0	0.0	0.0	0.0	14.0	0.0	13.0	9.0	9.0	13.0	0.0
9	0.0	0.0	4.0	0.0	0.0	9.0	0.0	0.0	9.0	14.0	0.0	0.0
10	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	30.0	0.0	16.0	17.0
11	0.0	0.0	0.0	6.0	0.0	0.0	0.0	17.0	2.0	0.0	44.0	16.0
12	6.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	8.0	52.0	18.0	0.0
13	0.0	0.0	11.0	26.0	0.0	0.0	0.0	19.0	0.0	0.0	32.0	0.0
14	17.0	0.0	14.0	0.0	8.0	4.0	0.0	23.0	0.0	32.0	5.0	15.0
15	0.0	0.0	10.0	6.0	15.0	0.0	0.0	28.0	8.0	63.0	3.0	0.0
16	0.0	0.0	0.0	0.0	0.0	3.0	5.0	0.0	8.0	2.0	12.0	0.0
17	0.0	0.0	0.0	16.0	7.0	0.0	2.0	3.0	0.0	0.0	11.0	0.0
18	0.0	0.0	0.0	81.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	18.0	4.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	3.0	0.0	0.0	0.0
21	0.0	0.0	0.0	70.0	32.0	0.0	0.0	0.0	0.0	0.0	6.0	13.0
22	0.0	120.0	2.0	5.0	8.0	0.0	16.0	0.0	0.0	0.0	33.0	0.0
23	0.0	0.0	22.0	0.0	4.0	14.0	0.0	36.0	32.0	78.0	0.0	0.0
24	0.0	0.0	30.0	18.0	3.0	18.0	0.0	20.0	0.0	0.0	0.0	0.0
25	136.0	0.0	12.0	0.0	0.0	0.0	62.0	0.0	0.0	9.0	0.0	0.0
26	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	4.0
27	0.0	0.0	0.0	33.0	9.0	0.0	0.0	0.0	0.0	56.0	0.0	0.0
28	58.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	5.0	2.0
29	0.0	0.0	0.0	0.0	0.0	40.0	0.0	13.0	0.0	29.0	14.0	8.0
30	0.0	0.0	0.0	21.0	39.0	0.0	3.0	20.0	0.0	7.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	3.0	21.0	0.0	10.0	0.0	0.0
Total D.LL.	251.0 7	170.0 4	132.0 12	328.0 13	358.0 17	158.0 11	116.0 10	258.0 17	127.0 12	493.0 17	387.0 16	125.0 9
TOTALES ANUALES								2903.0 mm.			145 Dias Iluvia	

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

ESTACION: CEYLAN

MUNICIPIO: BUCARAMANGA

AÑO:

1.981

ALTITUD: 1.300

LATITUD: 7-09 N.

LONGITUD: 73-C8 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1		0.0	22.0	0.0	6.0	90.0	0.0	0.0					
2		0.0	0.0	0.0	1.0	5.0	0.0	0.0					
3		0.0	2.0	70.0	10.0	0.0	0.0	0.0					
4		0.0	10.0	0.0	1.0	0.0	41.0	0.0					
5		0.0	4.0	2.0	1.0	0.0	0.0	0.0					
6		0.0	10.0	0.0	1.0	2.0	0.0	0.0					
7		0.0	0.0	1.0	0.0	0.0	0.0	0.0					
8		0.0	10.0	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	38.0	1.0	0.0	0.0					
11		0.0	0.0	10.0	12.0	0.0	0.0	0.0					
12		0.0	12.0	7.0	0.0	0.0	0.0	0.0					
13		0.0	50.0	5.0	0.0	2.0	0.0	0.0					
14		0.0	0.0	0.0	5.0	0.0	0.0	0.0					
15		0.0	0.0	0.0	5.0	0.0	0.0	10.0					
16		0.0	0.0	0.0	1.0	2.0	6.0	1.0					
17		0.0	0.0	0.0	1.0	1.0	0.0	5.0					
18		0.0	0.0	48.0	0.0	2.0	0.0	12.0					
19		0.0	0.0	0.0	0.0	15.0	0.0	8.0					
20		0.0	0.0	0.0	0.0	0.0	10.0	31.0					
21		0.0	0.0	16.0	0.0	2.0	0.0	0.0					
22		0.0	2.0	1.0	12.0	0.0	0.0	0.0					
23		0.0	38.0	20.0	5.0	10.0	0.0	0.0					
24		0.0	35.0	0.0	0.0	4.0	0.0	0.0					
25		0.0	0.0	9.0	0.0	0.0	0.0	0.0					
26		0.0	0.0	8.0	2.0	0.0	0.0	0.0					
27		0.0	0.0	0.0	3.0	0.0	0.0	0.0					
28		0.0	0.0	10.0	6.0	0.0	0.0	0.0					
29		0.0	0.0	5.0	18.0	5.0	0.0	0.0					
30		0.0	0.0	31.0	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.		0.0	195.0	256.0	126.0	182.0	57.0	67.0					
TOTALES ANUALES									mm.			Días lluvia	

ESTACION: LA GUAYANA
ALTITUD: 1.800

MUNICIPIO: ZAPATOCA
LATITUD: 6-48 N.

AÑO: 1.981
LONGITUD: 73-15 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1			0.0	0.0		0.0	0.0	5.0	5.0	0.0	0.0	0.0	
2			0.0	0.0		0.0	0.0	10.0	0.0	0.0	0.0	0.0	
3			0.0	0.0		45.0	0.0	0.0	10.0	30.0	0.0	0.0	
4			0.0	20.0		0.0	0.0	0.0	5.0	5.0	5.0	0.0	
5		0.0	15.0	0.0		0.0	10.0	0.0	20.0	0.0	0.0	45.0	
6		0.0	25.0	0.0		10.0	10.0	0.0	0.0	0.0	5.0	0.0	
7		0.0	25.0	20.0		15.0	0.0	5.0	40.0	20.0	0.0	0.0	
8		0.0	0.0	0.0		5.0	0.0	0.0	10.0	10.0	0.0	0.0	
9		0.0	0.0	0.0		5.0	30.0	0.0	0.0	0.0	0.0	0.0	
10		0.0	0.0	0.0		0.0	15.0	0.0	20.0	5.0	5.0	5.0	
11		0.0	0.0	35.0		25.0	0.0	0.0	10.0	40.0	25.0	0.0	
12		0.0	0.0	25.0		5.0	0.0	10.0	10.0	15.0	20.0	0.0	
13		0.0	5.0	20.0		0.0	0.0	45.0	0.0	0.0	0.0	0.0	
14		0.0	0.0	10.0		0.0	5.0	0.0	0.0	0.0	0.0	0.0	
15		0.0	0.0	5.0		0.0	0.0	0.0	10.0	20.0	20.0	0.0	
16		0.0	0.0	15.0		0.0	10.0	0.0	30.0	0.0	0.0	0.0	
17		0.0	0.0	10.0		35.0	0.0	60.0	0.0	0.0	0.0	0.0	
18		0.0	0.0	30.0		5.0	0.0	0.0	5.0	10.0	10.0	0.0	
19		0.0	0.0	0.0		0.0	0.0	0.0	0.0	30.0	10.0	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	30.0		0.0	0.0	35.0	0.0	0.0	0.0	0.0	
22		35.0	0.0	10.0		70.0	10.0	10.0	0.0	20.0	18.0	0.0	
23		10.0	0.0	0.0		0.0	10.0	45.0	10.0	10.0	10.0	0.0	
24		5.0	0.0	0.0		20.0	0.0	0.0	0.0	0.0	10.0	0.0	
25		0.0	0.0	0.0		0.0	0.0	10.0	20.0	25.0	0.0	0.0	
26		0.0	0.0	65.0		0.0	0.0	0.0	0.0	5.0	0.0	0.0	
27		0.0	0.0	50.0		0.0	0.0	0.0	0.0	30.0	0.0	0.0	
28		0.0	0.0	30.0		10.0	0.0	0.0	0.0	50.0	0.0	0.0	
29		0.0	0.0	30.0		15.0	0.0	0.0	0.0	50.0	0.0	0.0	
30		0.0	0.0	0.0		0.0	15.0	0.0	0.0	35.0	0.0	20.0	
31		0.0	0.0	0.0		0.0	5.0	70.0	0.0	5.0	0.0	0.0	
Total D. LL.		55.0	70.0	405.0		265.0	120.0	305.0	205.0	360.0	130.0	70.0	
TOTALES ANUALES									1985.0 mm.			104 Días lluvia	

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

ESTACION: CUCHICUTE

MUNICIPIO: CURITI

ARO:

1-981

ALTITUD: 1.550

LATITUD: 6-36 N.

LONGITUD: 73-04 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	9.5	21.0	0.0	0.0	1.0	10.0	5.0	0.0
2	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.5	0.5	0.0	0.0	10.0
3	0.0	0.0	0.0	0.0	0.0	11.0	20.0	0.0	5.0	0.0	0.0	0.0
4	0.0	0.0	0.0	25.0	9.0	0.0	8.0	0.0	6.0	5.0	0.0	0.0
5	0.0	0.0	31.0	34.0	17.0	0.0	12.0	0.0	0.0	0.0	5.0	0.0
6	0.0	0.0	3.0	0.0	12.0	0.0	12.0	0.0	0.0	0.0	21.0	0.0
7	0.0	0.0	4.0	6.0	16.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	4.5	10.0	0.0	0.0	10.0	10.0	0.0	5.0
9	0.0	0.0	0.0	0.0	20.0	6.0	12.0	20.0	0.0	10.0	0.0	0.0
10	0.0	0.0	0.0	0.0	7.5	1.0	20.0	10.0	10.0	10.0	10.0	0.0
11	0.0	25.0	0.0	15.0	22.0	4.0	20.0	10.0	14.0	0.0	0.0	0.0
12	0.5	0.0	0.0	15.0	20.0	1.0	1.0	14.0	4.0	0.0	5.0	0.0
13	0.0	0.0	0.0	0.5	17.0	0.0	15.0	5.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.5	7.0	0.0	0.0	4.0	5.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	18.5	7.0	0.0	10.0	5.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	9.0	3.0	14.0	0.0	6.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	21.0	13.0	0.0	21.0	1.0	0.0	0.0	18.0	0.0
19	0.0	0.0	0.0	11.5	1.0	9.0	0.0	1.0	0.0	0.0	0.0	0.0
20	0.0	1.0	0.0	0.0	0.0	19.0	1.0	1.0	0.0	18.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	6.0	4.0	15.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	15.0	6.0	0.0	0.0	0.0	10.0	20.0	0.0
23	0.0	2.0	0.0	2.0	7.0	8.0	14.0	10.0	16.0	0.0	0.0	10.0
24	0.0	10.0	0.0	0.0	41.0	3.0	0.0	1.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	1.0	7.0	7.0	1.0	15.0	20.0	0.0	16.0	0.0
26	0.0	0.0	0.0	27.0	0.0	3.0	0.0	1.0	0.0	20.0	0.0	0.0
27	0.0	0.0	0.0	35.0	18.0	0.0	0.0	0.0	4.0	10.0	0.0	0.0
28	0.0	3.0	0.0	10.0	0.0	8.0	6.0	0.0	0.0	0.0	0.0	0.0
29	3.0	0.0	0.0	42.0	0.0	4.0	14.0	0.0	10.0	0.5	0.0	0.0
30	0.0	0.0	0.0	2.0	16.0	3.0	1.0	5.0	10.0	0.5	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	25.0	25.0	0.0	21.0	0.0	0.0
Total D.LL.	4.0 3	86.0 7	44.0 4	276.0 19	274.5 22	188.0 23	225.0 20	192.0 19	159.0 17	131.0 15	113.0 9	25.0 3
TOTALES ANUALES								1717.5 mm.		161 Dias lluvia		

ESTACION: CHOCHOS
ALTITUD: 1.400

MUNICIPIO: MATO
LATITUD: 6-32 N.

ARO: 1-981
LONGITUD: 73-18 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	14.0	6.0	12.0	4.0	0.0
2	0.0	0.0	0.0	0.0	28.0	0.0	0.0	2.0	10.0	0.0	0.0	0.0
3	0.0	0.0	3.0	42.0	0.0	43.0	0.0	0.0	9.0	0.0	0.0	0.0
4	0.0	0.0	4.0	0.0	0.0	26.0	0.0	0.0	0.0	2.0	1.0	5.0
5	0.0	0.0	13.0	5.0	74.0	0.0	12.0	14.0	0.0	0.0	2.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	3.0	4.0	7.0
7	4.0	0.0	5.0	26.0	0.0	7.0	10.0	0.0	10.0	1.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.0	0.0	30.0	0.0	0.0
9	0.0	0.0	0.0	0.0	44.0	2.0	5.0	0.0	3.0	0.0	0.0	3.0
10	0.0	0.0	7.0	0.0	12.0	0.0	3.0	29.0	9.0	0.0	39.0	0.0
11	0.0	5.0	0.0	0.0	25.0	0.0	0.0	0.0	10.0	22.0	12.0	0.0
12	0.0	11.0	0.0	91.0	15.0	0.0	0.0	7.0	2.0	23.0	25.0	0.0
13	4.0	3.0	0.0	0.0	1.0	0.0	0.0	10.0	18.0	11.0	0.0	0.0
14	0.0	0.0	0.0	22.0	8.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	17.0	0.0	0.0	6.0	0.0	0.0	5.0	0.0
16	0.0	0.0	0.0	0.0	7.0	0.0	18.0	0.0	18.0	62.0	3.0	0.0
17	0.0	0.0	0.0	0.0	0.0	36.0	1.0	32.0	0.0	22.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	16.0	18.0	3.0	0.0
19	0.0	10.0	0.0	29.0	0.0	7.0	3.0	0.0	0.0	6.0	0.0	18.0
20	0.0	0.0	0.0	0.0	2.0	0.0	5.0	0.0	5.0	12.0	0.0	0.0
21	0.0	0.0	0.0	3.0	0.0	0.0	2.0	36.0	0.0	27.0	3.0	32.0
22	0.0	0.0	0.0	6.0	0.0	0.0	12.0	1.0	0.0	16.0	21.0	0.0
23	0.0	45.0	0.0	9.0	0.0	1.0	0.0	32.0	32.0	8.0	0.0	0.0
24	0.0	0.0	0.0	0.0	24.0	24.0	0.0	35.0	0.0	0.0	0.0	0.0
25	0.0	13.0	0.0	0.0	2.0	0.0	2.0	29.0	1.0	0.0	0.0	0.0
26	0.0	0.0	0.0	113.0	0.0	0.0	3.0	1.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	42.0	28.0	0.0	0.0	0.0	0.0	25.0	33.0	0.0
28	0.0	0.0	0.0	4.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	1.0	52.0	6.0	0.0	0.0	1.0	3.0	0.0
30	2.0	0.0	0.0	2.0	0.0	0.0	2.0	8.0	0.0	5.0	0.0	0.0
31	2.0	0.0	0.0	0.0	53.0	0.0	0.0	78.0	0.0	18.0	0.0	0.0
Total D.LL.	12.0 4	87.0 6	32.0 5	394.0 13	341.0 16	198.0 9	107.0 18	388.0 17	149.0 14	324.0 20	158.0 14	65.0 5
TOTALES ANUALES								2255.0 mm.		141 Dias lluvia		

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

ESTACION: LAS FLORES

MUNICIPIO: PINCHOTE

AÑO:

1.981

ALTITUD: 1.700

LATITUD: 6-30 N.

LONGITUD: 73-14 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	1.0	0.0	0.0	0.0	12.0	25.0		0.0	30.0	9.0	26.0	0.0
2	0.0	0.0	1.0	0.0	7.0	0.0		0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	6.0		2.0	9.0	0.0	1.0	0.0
4	0.0	0.0	0.0	7.0	0.0	0.0		0.0	0.0	9.0	0.0	0.0
5	0.0	0.0	12.0	2.0	3.0	2.0		3.0	2.0	0.0	0.0	0.0
6	0.0	0.0	17.0	0.0	0.0	0.0		0.0	1.0	0.0	6.0	4.0
7	0.0	0.0	0.0	0.0	1.0	0.0		0.0	0.0	2.0	9.0	0.0
8	0.0	0.0	0.0	10.0	0.0	0.0	11.0	0.0	34.0	2.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
10	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	4.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	14.0	0.0	0.0
12	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
13	0.0	0.0	0.0	9.0	0.0	0.0	0.0	24.0	2.0	3.0	0.0	0.0
14	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	3.0
15	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	8.0	8.0	0.0	0.0
16	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	6.0	2.0	0.0	0.0
17	0.0	0.0	0.0	4.0	1.0	14.0	19.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	5.0	16.0	0.0	0.0
19	0.0	2.0	0.0	1.0	1.0	26.0	0.0	0.0	0.0	10.0	0.0	0.0
20	0.0	0.0	0.0	0.0	4.0	9.0	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	35.0	2.0	12.0	0.0	0.0
22	0.0	2.0	0.0	7.0	7.0	2.0	0.0	6.0	0.0	42.0	10.0	0.0
23	0.0	0.0	0.0	4.0	0.0	0.0	0.0	36.0	11.0	7.0	6.0	0.0
24	0.0	7.0	0.0	16.0	0.0	23.0	0.0	18.0	0.0	0.0	0.0	0.0
25	2.0	0.0	0.0	0.0	16.0	5.0	0.0	0.0	0.0	0.0	2.0	0.0
26	0.0	3.0	0.0	11.0	0.0	8.0	0.0	9.0	2.0	16.0	0.0	0.0
27	0.0	0.0	0.0	5.0	17.0	0.0	0.0	0.0	0.0	26.0	7.0	6.0
28	0.0	0.0	0.0	31.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	2.0	0.0	6.0	0.0	0.0	0.0	2.0	0.0	0.0
30	4.0	0.0	0.0	2.0	48.0	20.0	3.0	0.0	0.0	6.0	0.0	0.0
31	2.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0
Total D. LL.	9.0 4	70.0 6	30.0 3	416.0 19	276.0 18	199.0 18		197.0 14	152.0 16	212.0 20	70.0 9	13.0 3
TOTALES ANUALES												Días lluvia

mm.

Días
lluvia

ESTACION: INST. AGRICOLA

MUNICIPIO: MOGOTES

AÑO:

1.981

ALTITUD: 1.800

LATITUD: 6-28 N.

LONGITUD: 72-58 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	1.3	0.0	32.0	16.5	8.9	0.0	10.8	41.5	4.0	10.2
2	0.0	0.3	0.0	0.0	15.0	27.5	0.5	2.0	22.8	26.4	0.0	6.5
3	0.0	0.0	5.8	0.5	18.2	13.7	0.0	10.9	11.5	3.2	0.0	0.0
4	0.0	0.0	36.3	13.6	6.8	1.9	18.7	5.0	39.0	4.4	13.2	1.6
5	0.0	8.2	23.8	5.3	42.3	1.2	26.3	3.8	4.8	0.0	3.1	17.4
6	0.0	0.0	14.4	4.5	37.8	3.0	26.0	27.8	17.4	9.5	28.8	1.0
7	0.0	0.5	25.3	0.0	16.6	21.2	19.0	3.3	0.0	23.5	11.2	0.0
8	0.0	0.6	14.0	0.8	20.9	18.1	4.8	8.6	2.0	9.3	3.2	0.4
9	0.0	0.9	3.9	0.0	44.5	22.9	6.1	4.7	4.7	1.2	0.0	1.0
10	0.0	0.0	2.0	1.9	39.0	3.2	26.6	0.0	15.1	35.0	0.0	4.5
11	0.0	0.8	9.9	0.0	22.5	0.9	3.1	12.1	11.6	12.1	0.0	0.0
12	0.0	1.1	9.5	30.8	22.9	26.1	0.0	7.9	7.9	50.1	15.6	0.0
13	0.0	0.0	0.0	22.9	1.0	14.3	8.7	8.9	8.9	0.0	5.0	0.0
14	0.0	0.0	0.0	23.8	14.4	0.9	7.2	0.2	21.0	60.8	0.0	0.0
15	0.0	0.1	0.0	20.4	30.1	3.2	2.9	0.5	2.9	5.3	0.0	0.0
16	0.0	0.0	0.0	20.5	22.5	3.2	23.4	0.1	2.3	1.3	0.0	0.0
17	0.0	21.2	0.0	6.6	39.3	20.9	8.7	0.0	0.0	1.7	0.0	0.0
18	0.0	24.4	0.0	13.4	6.4	0.8	20.6	4.5	14.7	4.5	0.0	0.0
19	0.0	18.3	0.0	8.4	0.4	10.4	21.7	0.0	0.0	21.3	0.0	0.0
20	0.0	12.9	0.0	39.5	5.0	12.7	31.4	0.8	8.6	4.5	0.0	0.0
21	0.0	0.2	0.0	0.0	3.1	7.8	5.3	8.5	0.0	0.0	0.4	0.3
22	0.0	24.5	0.0	45.7	32.5	31.9	0.3	6.5	14.1	17.7	1.2	0.0
23	0.0	0.4	0.0	22.5	6.0	5.2	0.0	14.8	12.2	20.7	37.0	0.0
24	0.0	21.6	0.0	8.3	28.5	4.8	0.0	2.5	0.0	1.6	0.0	0.0
25	0.0	0.0	0.0	0.0	7.8	0.0	0.0	13.9	0.0	2.1	0.0	0.0
26	0.0	4.0	0.0	60.2	0.0	0.3	8.0	2.0	0.9	7.6	0.0	6.3
27	0.0	0.0	0.0	50.4	11.3	0.0	0.0	0.0	0.7	11.5	16.9	14.8
28	0.0	0.0	0.0	11.4	0.9	13.0	0.0	0.0	2.2	3.2	0.2	0.0
29	0.0	0.0	0.0	9.6	0.3	20.9	5.6	1.4	27.0	6.8	20.4	0.0
30	12.2	0.0	0.0	28.8	38.6	2.5	0.7	4.7	1.0	8.1	2.2	3.3
31	5.9	0.0	0.0	0.0	7.5	0.0	2.4	4.1	0.0	21.4	0.0	37.8
Total D. LL.	24.6 3	147.6 17	136.3 10	439.7 24	533.4 30	306.7 28	310.1 24	304.8 25	264.1 24	528.3 29	162.8 16	105.1 13
TOTALES ANUALES												Días lluvia

3263.5 mm.

243

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

ESTACION: LA LAGUNA

MUNICIPIO: PARANO

AÑO: 1.981

ALTITUD: 1.550

LATITUD: 6-26 N.

LONGITUD: 73-10 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	30.0	30.0	0.0	0.0	26.0			5.0
2	0.0	0.0	12.0	0.0	12.0	10.0	10.0	0.0	0.0			5.0
3	0.0	0.0	0.0	10.0	15.0	17.0	8.0	1.0	0.0			0.0
4	0.0	0.0	0.0	16.0	10.0	0.0	20.0	0.0	0.0			18.0
5	0.0	0.0	0.0	6.0	38.0	0.0	5.0	3.0	0.0			0.0
6	0.0	0.0	18.0	0.0	35.0	28.0	0.0	0.0	0.0			0.0
7	0.0	0.0	10.0	0.0	55.0	20.0	5.0	2.0	0.0			11.0
8	12.0	0.0	0.0	0.0	10.0	12.0	15.0	0.0	0.0			2.0
9	0.0	0.0	0.0	0.0	0.0	5.0	10.0	1.0	5.0			20.0
10	10.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	20.0			0.0
11	0.0	0.0	0.0	25.0	43.0	0.0	0.0	0.0	20.0			18.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0			0.0
13	0.0	0.0	0.0	25.0	12.0	0.0	12.0	30.0	0.0			5.0
14	0.0	0.0	0.0	30.0	10.0	0.0	0.0	0.0	10.0			9.0
15	0.0	0.0	0.0	48.0	12.0	0.0	0.0	0.0	0.0			0.0
16	0.0	0.0	0.0	20.0	20.0	12.0	0.0	0.0	5.0			12.0
17	0.0	0.0	0.0	45.0	5.0	0.0	28.0	10.0	0.0			0.0
18	0.0	0.0	0.0	25.0	0.0	25.0	0.0	0.0	0.0			1.0
19	0.0	22.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0			0.0
20	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	28.0			0.0
21	0.0	0.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0			45.0
22	0.0	40.0	0.0	10.0	0.0	0.0	0.0	0.0	18.0			20.0
23	0.0	18.0	0.0	8.0	0.0	0.0	5.0	30.0	0.0			30.0
24	0.0	0.0	0.0	10.0	20.0	18.0	0.0	15.0	0.0			0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0			20.0
26	0.0	0.0	0.0	26.0	33.0	0.0	10.0	0.0	0.0			0.0
27	0.0	0.0	0.0	70.0	0.0	30.0	0.0	0.0	0.0			0.0
28	0.0	0.0	0.0	10.0	0.0	8.0	10.0	20.0	0.0			0.0
29	0.0	0.0	0.0	5.0	50.0	18.0	0.0	6.0	0.0			0.0
30	0.0	0.0	0.0	5.0	0.0	0.0	34.0	30.0	0.0			0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0			0.0
Total	22.0	80.0	40.0	394.0	475.0	263.0	172.0	216.0	132.0		221.0	
D. L.I.	2	3	3	18	21	14	13	14	8		15	
TOTALES ANUALES										mm.		Días lluvia

ESTACION: MESON
ALTITUD: 1.200

MUNICIPIO: VALLE SAN JOSE AÑO: 1.981
LATITUD: 6-27 N. LONGITUD: 73-08 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	8.0	0.0	1.0	0.0	32.0	24.0	19.0	2.0	23.0	6.0	6.0	2.0
2	0.0	0.0	0.0	0.0	2.0	6.0	10.0	1.0	10.0	6.0	0.0	0.0
3	0.0	0.5	1.0	0.0	0.0	3.0	12.0	5.0	1.0	7.0	2.0	0.0
4	0.0	0.0	10.0	20.0	10.0	0.0	10.0	2.0	2.0	10.0	2.0	0.0
5	0.0	0.0	10.0	10.0	61.0	2.0	39.0	4.0	8.0	0.0	0.0	12.0
6	0.0	0.0	2.0	15.0	2.0	10.0	3.0	3.0	8.0	1.0	0.0	2.0
7	0.0	0.0	0.0	0.0	12.0	18.0	0.0	3.0	5.0	1.0	0.0	5.0
8	0.0	0.0	0.0	0.0	35.0	20.0	6.0	5.0	3.0	2.0	0.0	1.0
9	0.0	0.0	0.0	0.0	3.0	1.0	6.0	10.0	3.0	21.0	0.0	0.0
10	0.0	0.0	0.0	10.0	4.0	6.0	3.0	10.0	10.0	17.0	0.0	5.0
11	0.0	1.0	0.0	15.0	5.0	2.0	0.0	10.0	10.0	76.0	11.0	7.0
12	0.0	0.0	0.0	16.0	0.0	0.0	0.0	20.0	14.0	35.0	0.0	0.0
13	0.0	0.0	0.0	22.0	12.0	0.0	16.0	10.0	2.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	12.0	0.0	13.0	2.0	0.0	8.0	0.0	1.0
15	0.0	0.0	0.0	0.0	5.0	0.0	8.0	0.0	10.0	3.0	0.0	0.0
16	0.0	0.0	0.0	15.0	0.0	0.0	6.0	3.0	9.0	6.0	0.0	0.0
17	0.0	0.0	0.0	16.0	4.0	14.0	2.0	3.0	3.0	0.0	0.0	0.0
18	0.0	0.0	0.0	25.0	1.0	2.0	10.0	0.0	19.0	3.0	0.0	0.0
19	0.0	3.0	0.0	3.0	2.0	18.0	0.0	0.0	3.0	6.0	0.0	0.0
20	0.0	1.0	0.0	1.0	18.0	0.0	51.0	19.0	4.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	2.0	5.0	2.0	16.0	0.0	27.0	1.0	0.0
22	0.0	4.0	0.0	15.0	2.0	4.0	2.0	21.0	0.0	52.0	3.0	0.0
23	0.0	3.0	0.0	5.0	0.0	0.0	3.0	25.0	6.0	7.0	0.0	0.0
24	0.0	10.0	0.0	6.0	3.0	13.0	0.0	17.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	4.0	15.0	10.0	7.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	20.0	0.0	17.0	20.0	2.0	0.0	15.0	0.0	0.0
27	0.0	1.0	0.0	26.0	13.0	0.0	3.0	0.0	23.0	19.0	10.0	3.0
28	0.0	0.0	0.0	3.0	2.0	15.0	3.0	5.0	0.0	0.0	0.0	0.0
29	8.0	0.0	0.0	4.0	0.0	2.0	0.0	1.0	6.0	3.0	6.0	0.0
30	2.0	0.0	0.0	14.0	25.0	9.0	5.0	0.0	0.0	5.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	9.0	20.0	0.0	0.0	0.0	1.0
Total	18.0	97.0	53.0	261.0	333.0	206.0	263.0	219.0	228.0	335.0	47.0	39.0
D. L.I.	3	10	8	20	24	21	24	26	22	23	9	10
TOTALES ANUALES										2099.0 mm.		Días lluvia

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

ESTACION: AGUA FRIA

MUNICIPIO: CHIMA

AÑO:

1.981

ALTITUD: 1.400

LATITUD: 6-20 N.

LONGITUD: 73-22 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1		0.0	0.0	1.0	0.0	45.0	0.0	35.0	13.0		2.0	0.0	
2		4.0	64.0	0.0	38.0	0.0	0.0	0.0	0.0		0.0	0.0	
3		0.0	5.0	15.0	0.0	0.0	0.0	8.0	0.0		34.0	0.0	
4		45.0	6.0	20.0	0.0	0.0	0.0	0.0	3.0		0.0	0.0	
5		0.0	0.0	0.0	0.0	2.0	15.0	90.0	0.0		0.0	25.0	
6		4.0	1.0	0.0	70.0	0.0	5.0	0.0	0.0		0.0	9.0	
7		10.0	0.0	30.0	105.0	0.0	0.0	0.0	22.0		18.0	0.0	
8		0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0		0.0	0.0	
9		5.0	80.0	0.0	25.0	21.0	0.0	0.0	0.0		7.0	0.0	
10		0.0	0.0	0.0	0.0	0.0	8.0	0.0	15.0		0.0	0.0	
11		1.0	0.0	0.0	12.0	0.0	0.0	30.0	0.0		2.0	0.0	
12		0.0	1.0	7.0	0.0	0.0	0.0	0.0	35.0		0.0	6.0	
13		0.0	0.0	30.0	0.0	0.0	0.0	17.0	9.0		0.0	0.0	
14		0.0	0.0	11.0	16.0	0.0	0.0	0.0	0.0		0.0	0.0	
15		0.0	0.0	20.0	0.0	0.0	16.0	0.0	0.0		21.0	0.0	
16		0.0	0.0	4.0	0.0	0.0	18.0	0.0	0.0		0.0	0.0	
17		0.0	0.0	13.0	5.0	40.0	0.0	20.0	0.0		0.0	0.0	
18		36.0	0.0	80.0	0.0	0.0	0.0	0.0	20.0		0.0	0.0	
19		0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0		0.0	0.0	
20		3.0	0.0	0.0	0.0	0.0	40.0	3.0	0.0		0.0	0.0	
21		0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0		0.0	0.0	
22		0.0	0.0	0.0	60.0	22.0	0.0	0.0	0.0		36.0	0.0	
23		42.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0		6.0	0.0	
24		0.0	0.0	35.0	35.0	0.0	0.0	0.0	0.0		0.0	0.0	
25		0.0	0.0	0.0	0.0	0.0	28.0	0.0	26.0		0.0	0.0	
26		0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0		0.0	26.0	
27		0.0	0.0	75.0	0.0	0.0	0.0	0.0	0.0		28.0	0.0	
28		0.0	0.0	0.0	4.0	51.0	0.0	0.0	0.0		0.0	25.0	
29		0.0	0.0	0.0	2.0	10.0	0.0	0.0	0.0		15.0	20.0	
30		0.0	0.0	0.0	85.0	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	50.0	0.0		0.0	0.0	
Total D. Ll.		152.0 9	157.0 6	372.0 15	457.0 12	261.0 8	120.0 7	291.0 10	143.0 8		169.0 10	111.0 6	
TOTALES ANUALES											mm.		Dias lluvia

ESTACION: LOS PINOS
ALTITUD: 1.350

MUNICIPIO: OIBA
LATITUD: 6-18 N.

AÑO:

1.981

LONGITUD: 73-17 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	15.0				0.0	3.0	9.0	1.0	40.0	0.0	
2	0.0	2.0	8.0				0.0	0.0	40.0	0.0	28.0	6.0	
3	0.0	0.0	30.0				0.0	13.0	2.0	30.0	5.0	2.0	
4	0.0	20.0	12.0				0.0	22.0	0.0	9.0	8.0	14.0	
5	0.0	14.0	17.0				0.0	9.0	0.0	2.0	14.0	5.0	
6	0.0	0.0	9.0				0.0	20.0	1.0	18.0	3.0	0.0	
7	0.0	0.0	0.0				0.0	8.0	10.0	7.0	0.0	0.0	
8	0.0	0.0	0.0				0.0	4.0	0.0	22.0	8.0	7.0	
9	0.0	20.0	0.0				0.0	18.0	9.0	14.0	11.0	4.0	
10	0.0	1.0	0.0				0.0	60.0	4.0	9.0	0.0	6.0	
11	0.0	0.0	0.0				0.0	9.0	7.0	31.0	0.0	12.0	
12	0.0	0.0	0.0				0.0	12.0	0.0	19.0	13.0	0.0	
13	0.0	0.0	0.0				0.0	0.0	14.0	10.0	7.0	1.0	
14	0.0	14.0	0.0				0.0	0.0	0.0	24.0	22.0	3.0	
15	0.0	0.0	0.0				0.0	0.0	10.0	0.0	3.0	0.0	
16	0.0	19.0	0.0				0.0	10.0	4.0	9.0	15.0	0.0	
17	0.0	7.0	0.0				0.0	0.0	8.0	5.0	0.0	0.0	
18	0.0	0.0	0.0				0.0	0.0	11.0	12.0	0.0	0.0	
19	0.0	0.0	0.0				0.0	10.0	1.0	7.0	2.0	0.0	
20	0.0	0.0	0.0				0.0	30.0	0.0	20.0	30.0	0.0	
21	0.0	0.0	0.0				0.0	14.0	5.0	6.0	14.0	0.0	
22	0.0	50.0	0.0				0.0	60.0	10.0	41.0	8.0	0.0	
23	0.0	0.0	0.0				0.0	11.0	2.0	15.0	11.0	0.0	
24	0.0	0.0	0.0				0.0	20.0	0.0	9.0	12.0	0.0	
25	0.0	4.0	0.0				0.0	0.0	2.0	30.0	18.0	0.0	
26	0.0	14.0	0.0				0.0	0.0	0.0	22.0	5.0	0.0	
27	11.0	0.0	1.0				0.0	0.0	0.0	11.0	0.0	20.0	
28	2.0	20.0	0.0				0.0	0.0	0.0	8.0	12.0	14.0	
29	6.0	0.0	0.0				0.0	0.0	0.0	4.0	18.0	2.0	
30	3.0	0.0	0.0				0.0	0.0	0.0	9.0	0.0	5.0	
31	5.0	0.0	0.0				0.0	30.0	0.0	60.0	0.0	12.0	
Total D. Ll.	27.0 5	187.0 12	92.0 7				0.0 0	363.0 19	149.0 18	484.0 29	307.0 23	113.0 15	
TOTALES ANUALES											mm.		Dias lluvia

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

ESTACION: EL RECREO

MUNICIPIO: SUAITA

AÑO: 1.981

ALTITUD: 1.550

LATITUD: 6-07 N.

LONGITUD: 73-29 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	20.0	0.0	12.0	30.0	30.0	0.0	0.0	45.0	0.0	0.0	0.0	
2	0.0	15.0	0.0	2.0	17.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
3	0.0	0.0	3.0	0.0	5.0	0.0	5.0	0.0	0.6	2.0	0.0	0.0	
4	0.0	8.0	0.0	3.0	0.0	9.0	10.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	10.0	30.0	18.0	35.0	3.0	20.0	0.0	11.0	0.0	0.0	0.0	
6	0.0	60.0	10.0	2.0	0.0	0.0	2.0	3.0	30.0	22.0	31.0	0.0	
7	18.0	3.0	2.0	10.0	25.0	42.0	0.0	5.0	69.0	0.0	20.0	0.0	
8	0.0	23.0	3.0	10.0	0.0	57.0	6.0	10.0	45.0	0.0	18.0	0.0	
9	0.0	2.0	18.0	2.0	12.0	9.0	0.0	10.0	30.0	0.0	0.0	0.0	
10	0.0	0.0	3.0	10.0	0.0	0.0	2.0	12.0	33.0	23.0	0.0	12.0	
11	0.0	18.0	18.0	8.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	20.0	0.0	3.0	0.0	2.0	20.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	15.0	0.0	6.0	11.0	
14	0.0	0.0	0.0	30.0	74.0	13.0	9.0	12.0	5.6	0.0	5.6	0.0	
15	3.0	0.0	0.0	34.0	34.0	25.0	0.0	5.0	2.0	5.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	16.0	0.0	10.0	0.0	0.0	0.0	4.0	
17	0.0	20.0	0.0	10.0	32.0	0.0	0.0	19.0	0.0	10.0	0.0	0.0	
18	0.0	4.0	0.0	30.0	0.0	0.0	15.0	0.0	15.0	70.0	15.0	0.0	
19	5.0	0.0	0.0	5.0	18.0	0.0	0.0	2.0	0.6	10.0	17.0	0.0	
20	0.0	0.0	0.0	10.0	0.0	2.0	0.0	5.0	0.0	8.0	0.0	5.0	
21	0.0	5.0	0.0	18.0	0.0	45.0	0.0	30.0	0.0	45.0	0.0	0.0	
22	0.0	30.0	0.0	20.0	43.0	0.0	10.0	10.0	12.0	60.0	12.0	0.0	
23	4.0	0.0	0.0	15.0	0.0	0.0	10.0	5.0	0.0	80.0	8.0	0.0	
24	0.0	0.0	0.0	5.0	0.0	0.0	12.0	2.0	0.0	0.0	16.0	0.0	
25	0.6	0.0	5.0	12.0	4.0	0.0	0.0	3.0	5.0	30.0	13.0	10.0	
26	0.0	0.0	0.0	3.0	0.0	0.0	0.0	5.0	0.0	51.0	24.0	35.0	
27	0.0	10.0	0.0	5.0	28.0	0.0	0.0	0.0	2.0	26.0	0.0	30.0	
28	15.0	2.0	18.0	0.0	0.0	5.0	0.0	16.0	0.0	0.0	10.0	0.0	
29	8.0	0.0	0.0	10.0	18.0	0.0	2.0	2.0	0.0	52.0	8.0	0.0	
30	0.0	0.0	0.0	20.0	50.0	0.0	0.0	5.0	48.0	5.0	22.0	39.0	
31	12.0	0.0	0.0	0.0	5.0	0.0	0.0	0.8	0.0	2.0	0.0	2.0	
Total D.LL	65.0	232.0	110.0	340.0	439.0	243.0	93.0	163.8	382.6	501.0	277.0	148.0	
	7	16	10	27	17	12	11	21	18	17	16	9	
TOTALES ANUALES							2994.4 mm.				181		Días lluvia

ESTACION: CITE

MUNICIPIO: BARBOSA

AÑO: 1.981

ALTITUD: 1.600

LATITUD: 5-59 N.

LONGITUD: 73-36 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	2.0	0.0	5.0	8.0	15.0	1.0	0.0	24.0	0.0	20.0	0.0	
2	0.0	10.0	40.0	0.0	10.0	0.0	2.0	0.0	15.0	15.0	10.0	0.0	
3	2.0	5.0	0.0	0.0	10.0	0.0	1.0	0.0	5.0	15.0	5.0	0.0	
4	0.0	0.0	12.0	7.0	23.0	0.0	3.0	11.0	5.0	2.0	5.0	0.0	
5	0.0	3.0	12.0	15.0	7.0	2.0	12.0	5.0	10.0	0.0	5.0	2.0	
6	0.0	2.0	25.0	2.0	20.0	3.0	0.0	5.0	5.0	0.0	6.0	0.0	
7	0.0	4.0	13.0	14.0	9.0	5.0	12.0	4.0	5.0	0.0	10.0	0.0	
8	0.0	6.0	5.0	0.0	9.0	8.0	5.0	8.0	6.0	1.0	4.0	0.0	
9	0.0	0.0	0.0	0.0	7.0	10.0	5.0	35.0	4.0	0.0	3.0	0.0	
10	1.0	0.0	0.0	3.0	30.0	10.0	4.0	5.0	1.0	0.0	10.0	0.0	
11	2.0	0.0	0.0	10.0	1.0	0.0	5.0	10.0	3.0	22.0	8.0	10.0	
12	0.0	0.0	0.0	20.0	0.0	0.0	6.0	0.0	2.0	5.0	2.0	0.0	
13	8.0	0.0	0.0	10.0	10.0	4.0	5.0	0.0	40.0	10.0	1.0	0.0	
14	0.0	5.0	0.0	20.0	44.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	5.0	20.0	3.0	6.0	0.0	0.0	11.0	0.0	0.0	
16	0.0	0.0	0.0	7.0	19.0	2.0	4.0	0.0	0.0	8.0	0.0	0.0	
17	0.0	3.0	0.0	8.0	15.0	1.0	5.0	0.0	0.0	7.0	0.0	0.0	
18	0.0	0.0	0.0	9.0	10.0	8.0	1.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	1.0	0.0	2.0	2.0	5.0	0.0	0.0	0.0	0.0	
20	0.0	2.0	0.0	0.0	0.0	10.0	0.0	40.0	0.0	2.0	0.0	0.0	
21	0.0	0.0	0.0	5.0	60.0	3.0	0.0	9.0	10.0	5.0	0.0	0.0	
22	0.0	5.0	0.0	1.0	39.0	20.0	0.0	10.0	10.0	0.0	5.0	0.0	
23	0.0	5.0	0.0	0.0	5.0	0.0	0.0	30.0	0.0	0.0	5.0	0.0	
24	0.0	0.0	0.0	10.0	15.0	2.0	0.0	6.0	0.0	0.0	2.0	0.0	
25	0.0	0.0	0.0	18.0	10.0	6.0	0.0	0.0	0.0	0.0	0.0	5.0	
26	0.0	0.0	0.0	40.0	12.0	5.0	0.0	0.0	0.0	6.0	0.0	0.0	
27	0.0	0.0	0.0	44.0	8.0	7.0	5.0	0.0	0.0	2.0	0.0	8.0	
28	0.0	3.0	0.0	10.0	13.0	8.0	0.0	0.0	0.0	3.0	2.0	2.0	
29	2.0	0.0	0.0	17.0	12.0	12.0	0.0	1.0	2.0	4.0	5.0	5.0	
30	28.0	0.0	1.0	15.0	10.0	0.0	0.0	5.0	4.0	5.0	0.0	0.0	
31	25.0	0.0	3.0	0.0	12.0	0.0	0.0	25.0	0.0	10.0	0.0	0.0	
Total D.LL	68.0	55.0	111.0	296.0	448.0	151.0	89.0	219.0	141.0	133.0	108.0	32.0	
	7	13	8	24	28	23	19	18	16	18	18	6	
TOTALES ANUALES							1851.0 mm.				198		Días lluvia

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

ESTACION: BUENAVISTA

MUNICIPIO: BARBOSA

AÑO:

1.981

ALTITUD: 1.850

LATITUD: 5-59 N.

LONGITUD: 73-29 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	4.0	0.0	0.0	0.0	30.0	15.0	10.0	0.0	0.0	15.0	0.0	11.0	
2	6.0	10.0	5.0	0.0	15.0	8.0	3.0	0.0	10.0	40.0	0.0	0.0	
3	10.0	0.0	0.0	10.0	8.0	13.0	9.0	5.0	18.0	60.0	0.0	5.0	
4	0.0	5.0	1.0	40.0	10.0	23.0	0.0	0.0	16.0	0.0	0.0	3.0	
5	0.0	4.0	5.0	20.0	15.0	11.0	0.0	0.0	13.0	0.0	0.0	0.0	
6	17.0	0.0	0.0	15.0	10.0	10.0	6.0	0.0	10.0	12.0	0.0	0.0	
7	6.0	0.0	0.0	7.0	9.0	6.0	21.0	0.0	0.0	10.0	6.0	0.0	
8	0.0	0.0	0.0	10.0	23.0	4.0	4.0	0.0	0.0	30.0	0.0	0.0	
9	0.0	0.0	0.0	8.0	11.0	0.0	10.0	0.0	4.0	0.0	0.0	0.0	
10	12.0	6.0	0.0	0.0	26.0	15.0	8.0	0.0	25.0	0.0	0.0	10.0	
11	7.0	4.0	0.0	0.0	30.0	7.0	0.0	0.0	30.0	3.0	10.0	0.0	
12	0.0	3.0	0.0	4.0	17.0	30.0	0.0	12.0	3.0	7.0	0.0	0.0	
13	0.0	5.0	0.0	0.0	11.0	10.0	3.0	13.0	6.0	16.0	0.0	0.0	
14	0.0	0.0	0.0	10.0	7.0	8.0	8.0	40.0	11.0	25.0	0.0	0.0	
15	0.0	1.0	0.0	0.0	10.0	5.0	12.0	0.0	12.0	0.0	0.0	0.0	
16	0.0	2.0	0.0	5.0	15.0	12.0	10.0	0.0	10.0	5.0	0.0	0.0	
17	0.0	1.0	0.0	20.0	25.0	10.0	13.0	0.0	0.0	10.0	0.0	0.0	
18	0.0	0.0	0.0	30.0	13.0	11.0	26.0	0.0	0.0	13.0	0.0	0.0	
19	0.0	2.0	0.0	0.0	16.0	15.0	35.0	0.0	0.0	21.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	8.0	6.0	15.0	0.0	0.0	11.0	0.0	0.0	
21	0.0	1.0	0.0	0.0	11.0	8.0	0.0	10.0	0.0	7.0	0.0	0.0	
22	0.0	2.0	0.0	10.0	30.0	4.0	0.0	6.0	0.0	10.0	0.0	0.0	
23	0.0	0.0	0.0	17.0	15.0	0.0	0.0	11.0	0.0	13.0	0.0	0.0	
24	0.0	4.0	0.0	11.0	7.0	0.0	0.0	20.0	6.0	8.0	0.0	0.0	
25	0.0	0.0	0.0	24.0	10.0	0.0	0.0	15.0	8.0	11.0	0.0	0.0	
26	0.0	0.0	0.0	10.0	22.0	6.0	0.0	11.0	0.0	25.0	12.0	0.0	
27	10.0	3.0	0.0	15.0	26.0	10.0	0.0	0.0	0.0	0.0	8.0	6.0	
28	0.0	2.0	0.0	30.0	15.0	3.0	0.0	0.0	0.0	0.0	0.0	15.0	
29	6.0	0.0	0.0	25.0	30.0	0.0	0.0	8.0	15.0	46.0	0.0	12.0	
30	0.0	0.0	0.0	20.0	10.0	5.0	0.0	10.0	15.0	26.0	0.0	23.0	
31	1.0	0.0	0.0	0.0	10.0	0.0	0.0	30.0	0.0	14.0	0.0	10.0	
Total	79.0	55.0	11.0	341.0	495.0	255.0	193.0	191.0	212.0	438.0	36.0	95.0	
D. LL.	10	16	3	21	31	25	16	13	17	24	4	9	
TOTALES ANUALES										2401.0 mm.		189	Días Lluvia

ESTACION: LA CUMBRE

MUNICIPIO: PUEBLO NACIONAL

AÑO:

1.981

ALTITUD: 1.650

LATITUD: 5-53 N.

LONGITUD: 73-43 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	6.0	33.0	0.0	20.0	23.0	22.0	5.0	0.0	14.0	0.0	0.0	5.0	
2	0.0	7.0	3.0	23.0	29.0	0.0	1.0	0.0	3.0	0.0	2.0	17.0	
3	0.0	6.0	0.0	18.0	0.0	2.0	0.0	0.0	3.0	14.0	3.0	0.0	
4	0.0	0.0	0.0	42.0	3.0	4.0	16.0	0.0	2.0	0.0	2.0	0.0	
5	0.0	0.0	55.0	27.0	39.0	2.0	20.0	0.0	4.0	0.0	15.0	0.0	
6	0.0	2.0	11.0	6.0	29.0	10.0	15.0	10.0	3.0	40.0	20.0	0.0	
7	0.0	6.0	2.0	36.0	25.0	18.0	5.0	0.0	13.0	21.0	35.0	4.0	
8	0.0	3.0	19.0	0.0	19.0	5.0	1.0	0.0	19.0	14.0	13.0	0.0	
9	0.0	1.0	12.0	3.0	8.0	26.0	0.0	0.0	19.0	4.0	0.0	0.0	
10	0.0	4.0	0.0	0.0	36.0	5.0	42.0	1.0	0.0	20.0	0.0	0.0	
11	0.0	2.0	0.0	2.0	0.0	10.0	0.0	18.0	0.0	12.0	7.0	0.0	
12	0.0	0.0	0.0	51.0	19.0	2.0	0.0	2.0	14.0	21.0	15.0	0.0	
13	5.0	0.0	0.0	27.0	14.0	6.0	10.0	0.0	4.0	27.0	0.0	0.0	
14	0.0	0.0	0.0	5.0	23.0	5.0	13.0	0.0	0.0	5.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	28.0	15.0	2.0	3.0	0.0	0.0	25.0	0.0	
16	0.0	0.0	0.0	7.0	4.0	9.0	8.0	4.0	0.0	7.0	20.0	0.0	
17	0.0	1.0	0.0	1.0	9.0	4.0	0.0	0.0	1.0	9.0	0.0	0.0	
18	0.0	3.0	0.0	26.0	12.0	0.0	5.0	0.0	4.0	0.0	0.0	0.0	
19	0.0	3.0	0.0	12.0	0.0	8.0	11.0	3.0	6.0	6.0	7.0	0.0	
20	0.0	0.0	0.0	1.0	0.0	0.0	2.0	18.0	0.0	4.0	0.0	0.0	
21	0.0	0.0	0.0	1.0	0.0	2.0	0.0	3.0	0.0	0.0	18.0	0.0	
22	0.0	0.0	3.0	7.0	3.0	4.0	0.0	18.0	4.0	20.0	0.0	15.0	
23	0.0	0.0	0.0	33.0	4.0	0.0	0.0	24.0	0.0	22.0	14.0	0.0	
24	0.0	0.0	0.0	7.0	15.0	0.0	0.0	18.0	0.0	18.0	0.0	0.0	
25	0.0	0.0	2.0	8.0	1.0	0.0	0.0	4.0	0.0	25.0	10.0	0.0	
26	0.0	0.0	0.0	77.0	39.0	15.0	0.0	0.0	0.0	2.0	4.0	0.0	
27	0.0	1.0	0.0	10.0	3.0	3.0	0.0	0.0	0.0	13.0	2.0	0.0	
28	6.0	1.0	0.0	2.0	62.0	8.0	0.0	0.0	4.0	19.0	10.0	0.0	
29	1.0	0.0	0.0	2.0	3.0	42.0	0.0	0.0	7.0	0.0	10.0	0.0	
30	0.0	0.0	0.0	2.0	29.0	12.0	0.0	0.0	13.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	14.0	0.0	0.0	21.0	0.0	18.0	0.0	0.0	
Total	18.0	73.0	107.0	457.0	493.0	284.0	56.0	147.0	133.0	341.0	232.0	67.0	
D. LL.	4	14	8	27	26	24	15	14	17	22	19	5	
TOTALES ANUALES										2508.0 mm.		195	Días Lluvia

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

ESTACION: LA CIMARRONA

MUNICIPIO: FRESNO

AÑO:

1.981

ALTITUD: 1.400

LATITUD: 5-10 N.

LONGITUD: 75-00 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	5.5	0.0	0.0	1.0	14.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0
2	0.5	37.0	0.0	0.0	20.0	0.0	3.0	0.0	7.0	8.0	18.0	0.0
3	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	52.0	0.0	6.0	3.0
4	6.0	51.0	0.0	17.0	39.0	0.0	22.0	0.0	7.0	7.0	5.0	0.0
5	27.0	0.0	52.0	0.0	0.0	52.0	30.0	0.0	21.0	0.0	0.0	2.5
6	0.0	28.0	3.0	8.0	0.0	10.0	0.0	0.0	2.0	36.0	0.0	0.0
7	51.0	0.0	21.0	12.0	0.0	49.0	0.0	13.0	0.0	4.0	4.0	0.0
8	0.0	0.0	0.0	0.0	14.0	12.0	0.0	10.0	8.0	0.0	19.0	5.0
9	8.5	0.0	8.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	8.5	12.0	0.0	0.0	6.0	0.0	0.0	0.0	17.0	53.0	0.0	0.0
11	4.0	17.0	0.0	0.0	0.0	0.0	2.5	37.0	0.0	0.0	0.0	7.0
12	2.0	2.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
13	0.0	35.0	10.0	37.0	0.0	0.0	1.0	0.0	0.0	0.0	12.0	0.0
14	0.0	12.0	10.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0
15	0.0	0.0	10.0	15.0	4.0	0.0	0.0	0.0	52.0	0.0	0.0	0.0
16	1.0	27.0	10.0	19.0	25.0	26.0	0.0	27.0	0.0	0.0	12.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	19.0	7.0	22.0	0.0	0.0	0.0
18	0.0	2.0	0.0	32.0	0.0	0.0	34.0	4.0	0.0	32.0	0.0	0.0
19	0.0	11.0	0.0	52.0	0.0	0.0	0.0	0.0	0.0	7.0	26.0	0.0
20	0.0	45.0	0.0	35.0	0.0	28.0	0.0	0.0	0.0	0.0	5.0	3.0
21	0.0	0.0	0.0	6.0	14.0	0.0	0.0	29.0	0.0	0.0	1.0	1.0
22	0.0	51.0	0.0	0.0	26.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	4.0	3.0	0.0	0.0	28.0	0.0	0.0	3.0	0.0
24	17.0	0.0	12.0	0.0	0.0	0.0	0.0	1.0	13.0	11.0	36.0	0.0
25	0.0	24.0	0.0	30.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
27	2.5	0.0	0.0	0.0	41.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
28	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0
29	0.0	0.0	18.0	9.0	0.0	0.0	0.0	36.0	33.0	38.0	14.0	0.0
30	52.0	0.0	20.0	0.0	46.0	43.0	0.0	7.0	31.0	12.0	0.0	0.0
31	0.0	0.0	0.0	0.0	29.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0
Total	195.5	354.5	166.0	345.0	341.0	214.0	39.5	252.0	294.0	230.0	217.0	27.5
D.LL.	14	14	10	18	15	8	8	15	14	14	16	10
TOTALES ANUALES							2776.0 mm.				156 Dias lluvia	

ESTACION: PALOCABILDO

MUNICIPIO: FALAN

AÑO:

1.981

ALTITUD: 1.500

LATITUD: 5-08 N.

LONGITUD: 74-57 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	19.0	28.0	8.0	0.0	2.0	0.0	0.0	0.0
2	2.0	24.0	0.0	2.0	8.0	0.0	2.0	0.0	24.0	6.0	1.0	0.0
3	0.0	0.0	0.0	14.0	0.0	8.0	0.0	0.0	9.0	12.0	54.0	0.0
4	13.0	89.0	4.0	20.0	10.0	0.0	0.0	0.0	6.0	0.0	13.0	3.0
5	7.0	0.0	0.0	3.0	35.0	15.0	61.0	0.0	21.0	0.0	0.0	18.0
6	0.0	7.0	13.0	0.0	0.0	0.0	0.0	0.0	4.0	35.0	6.0	4.0
7	45.0	0.0	26.0	52.0	41.0	2.0	0.0	4.0	0.0	0.0	4.0	12.0
8	0.0	100.0	1.0	1.0	14.0	35.0	0.0	12.0	4.0	9.0	25.0	0.0
9	0.0	0.0	18.0	0.0	5.0	6.0	0.0	0.0	31.0	6.0	0.0	0.0
10	3.0	4.0	2.0	0.0	7.0	20.0	1.0	0.0	13.0	46.0	2.0	0.0
11	4.0	2.0	4.0	18.0	8.0	8.0	11.0	38.0	0.0	4.0	35.0	43.0
12	3.0	1.0	0.0	4.0	0.0	24.0	0.0	0.0	0.0	14.0	3.0	5.0
13	1.0	15.0	12.0	13.0	0.0	0.0	3.0	0.0	0.0	2.0	12.0	0.0
14	0.0	4.0	21.0	13.0	7.0	0.0	0.0	0.0	81.0	1.0	14.0	0.0
15	13.0	0.0	4.0	12.0	27.0	2.0	0.0	2.0	0.0	3.0	11.0	0.0
16	0.0	24.0	1.0	2.0	1.0	18.0	4.0	21.0	0.0	0.0	54.0	0.0
17	0.0	0.0	2.0	6.0	20.0	28.0	7.0	6.0	0.0	3.0	8.0	0.0
18	0.0	0.0	1.0	25.0	0.0	3.0	7.0	1.0	6.0	14.0	3.0	7.0
19	0.0	11.0	0.0	4.0	0.0	4.0	10.0	0.0	0.0	2.0	26.0	0.0
20	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	28.0	0.0
21	0.0	19.0	0.0	8.0	0.0	6.0	0.0	31.0	0.0	1.0	0.0	0.0
22	0.0	52.0	0.0	0.0	1.0	32.0	0.0	14.0	0.0	15.0	17.0	0.0
23	0.0	0.0	0.0	1.0	11.0	0.0	0.0	6.0	0.0	66.0	0.0	0.0
24	24.0	34.0	0.0	1.0	42.0	0.0	0.0	25.0	0.0	1.0	83.0	0.0
25	0.0	0.0	0.0	35.0	3.0	0.0	0.0	0.0	23.0	12.6	0.0	56.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0
27	10.0	0.0	2.0	66.0	6.6	0.0	0.0	0.0	0.0	19.0	8.0	0.0
28	14.0	0.0	0.0	10.0	67.0	26.0	0.0	0.0	18.0	1.0	1.0	4.0
29	0.0	0.0	28.0	17.0	6.0	2.0	0.0	33.0	10.0	8.0	36.0	0.0
30	58.0	0.0	44.0	2.0	103.0	23.0	0.0	32.0	44.0	23.0	31.0	6.0
31	0.0	0.0	2.0	0.0	4.0	0.0	0.0	6.0	0.0	38.0	0.0	0.0
Total	197.0	385.0	185.0	329.0	445.0	255.0	114.0	231.0	296.0	346.0	475.0	158.0
D.LL.	13	14	17	23	22	20	10	14	15	25	23	10
TOTALES ANUALES							3456.0 mm.				206 Dias lluvia	

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

ESTACION: LA ALDEA

MUNICIPIO: RUVIRA

AÑO:

1.981

ALTITUD: 1.550

LATITUD: 4-13 N.

LONGITUD: 75-19 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	J.0	2.0	0.0	J.0	3.0	J.0	45.0	J.0	0.0	0.0	0.0	60.0
2	0.0	0.0	0.0	0.0	6.0	4.0	J.0	0.0	0.0	J.0	1.0	0.0
3	J.0	J.0	0.0	24.0	13.0	0.0	J.0	0.0	2.0	2.0	32.0	0.0
4	0.0	0.0	0.0	14.0	12.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	6.0	12.0	46.0	0.0	3.0	0.0	0.0	0.0	0.0	1.0
6	4.0	0.0	0.0	23.0	1.0	4.0	J.0	0.0	0.0	9.0	0.0	2.0
7	J.0	0.0	18.0	2.0	15.0	30.0	J.0	12.0	0.0	0.0	11.0	8.0
8	0.0	0.0	4.0	50.0	9.0	50.0	0.0	12.0	19.0	22.0	23.0	0.0
9	0.0	10.0	5.0	0.0	0.0	0.0	2.0	J.0	J.0	43.0	0.0	0.0
10	0.0	0.0	14.0	0.0	14.0	1.0	0.0	0.0	0.0	0.0	10.0	0.0
11	0.0	0.0	0.0	0.0	3.0	2.0	J.0	0.0	35.0	2.0	4.0	3.0
12	0.0	2.0	0.0	8.0	0.0	2.0	J.0	4.0	0.0	21.0	2.0	30.0
13	0.0	1.0	13.0	11.0	7.0	2.0	0.0	J.0	0.0	28.0	22.0	7.0
14	0.0	8.0	4.0	28.0	30.0	0.0	J.0	0.0	35.0	7.0	5.0	0.0
15	0.0	0.0	0.0	7.0	13.0	0.0	0.0	0.0	4.0	2.0	12.0	3.0
16	0.0	24.0	0.0	0.0	9.0	19.0	J.0	69.0	0.0	2.0	4.0	0.0
17	0.0	0.0	0.0	3.0	1.0	62.0	16.0	24.0	0.0	9.0	3.0	0.0
18	0.0	6.0	0.0	30.0	2.0	3.0	0.0	1.0	0.0	0.0	10.0	0.0
19	0.0	7.0	0.0	2.0	3.0	18.0	0.0	0.0	0.0	0.0	85.0	3.0
20	0.0	9.0	0.0	0.0	0.0	6.0	J.0	0.0	0.0	0.0	23.0	7.0
21	0.0	3.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	4.0	7.0	0.0
22	J.0	5.0	0.0	1.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	6.0
23	0.0	10.0	0.0	0.0	1.0	0.0	J.0	20.0	0.0	4.0	9.0	0.0
24	0.0	0.0	0.0	4.0	4.0	0.0	0.0	35.0	0.0	33.0	4.0	0.0
25	0.0	33.0	0.0	8.0	14.0	J.0	J.0	1.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	2.0	7.0	J.0	J.0	21.0	0.0	0.0	0.0	2.0
27	0.0	0.0	0.0	3.0	15.0	0.0	0.0	0.0	0.0	0.0	11.0	8.0
28	0.0	0.0	0.0	0.0	2.0	J.0	J.0	0.0	0.0	0.0	7.0	0.0
29	9.0	0.0	0.0	8.0	0.0	4.0	0.0	4.0	5.0	0.0	0.0	0.0
30	10.0	0.0	2.0	5.0	8.0	20.0	J.0	0.0	12.0	0.0	9.0	23.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
Total	26.0	120.0	66.0	255.0	268.0	257.0	00.0	217.0	112.0	191.0	298.0	153.0
D.LI.	4	13	8	21	24	15	6	13	7	15	21	14
TOTALES ANUALES	2103.0 mm.											161 Dias lloviz

ESTACION: ORISOL

MUNICIPIO: VALLE DE S. JUANITO

AÑO: 1.981

ALTITUD: 1.500

LATITUD: 4-10 N.

LONGITUD: 75-47 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	J.0	0.0	0.0	5.0	0.0	0.4	J.0	0.0	12.0	0.0	0.0
2	0.0	9.0	0.0	0.0	0.0	1.0	0.0	0.0	2.0	4.0	18.0	10.0
3	3.0	21.0	0.0	0.0	2.0	0.0	0.0	0.0	0.5	8.0	15.0	12.0
4	8.0	7.0	20.0	0.0	0.0	1.5	J.0	0.0	0.0	0.0	87.0	9.0
5	2.0	3.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0
6	7.0	0.0	0.0	27.0	14.0	0.2	5.0	10.0	18.0	0.0	18.0	3.0
7	4.0	0.0	16.0	23.0	3.0	0.9	J.0	8.0	0.0	0.0	23.0	0.0
8	1.0	3.0	0.0	45.0	4.0	0.0	0.0	13.0	0.0	8.0	8.0	0.0
9	5.0	0.0	0.0	0.0	5.0	4.0	J.0	0.5	0.0	14.0	2.0	8.0
10	12.0	0.0	0.0	12.0	1.0	0.5	4.0	0.0	9.0	0.0	0.0	9.0
11	0.0	6.0	0.0	0.0	7.0	0.5	J.0	0.5	0.0	0.0	0.0	0.0
12	0.0	5.0	0.0	0.0	43.0	6.0	0.0	1.0	0.0	1.0	10.0	0.0
13	0.0	8.0	0.0	2.0	26.0	3.0	0.0	0.0	0.0	15.0	0.0	0.0
14	0.0	2.0	21.0	50.0	1.0	12.0	0.0	0.0	0.0	25.0	11.0	0.0
15	0.0	12.0	90.0	9.0	24.0	4.0	0.0	0.0	9.0	10.0	15.0	0.0
16	0.0	0.0	17.0	0.0	0.6	9.0	0.0	13.0	J.0	7.0	14.0	0.0
17	0.0	6.0	0.0	31.0	0.0	0.0	0.0	20.0	0.0	4.0	0.0	0.0
18	0.0	10.0	0.0	6.0	8.0	0.0	5.0	0.0	J.0	0.0	0.0	8.0
19	0.0	16.0	0.0	0.0	0.7	0.0	J.0	0.0	0.0	8.0	3.0	0.0
20	0.0	0.0	0.0	0.0	0.0	3.0	J.0	0.0	0.0	0.0	10.0	7.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.3	10.0	0.0	13.0	8.0	0.0
22	0.0	23.0	0.0	26.0	0.0	0.0	0.0	15.0	0.0	17.0	12.0	10.0
23	0.0	29.0	0.0	7.0	1.0	0.0	J.0	17.0	0.0	0.0	20.0	J.0
24	0.0	16.0	40.0	37.0	2.0	0.0	0.0	10.0	0.0	15.0	15.0	0.0
25	0.0	2.0	0.0	20.0	6.0	0.0	6.0	0.0	0.0	8.0	15.0	8.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0
27	0.0	0.0	0.0	23.0	3.0	0.0	0.0	0.0	0.0	14.0	18.0	7.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	12.0	0.0
29	0.0	0.0	0.0	0.0	1.0	12.0	0.0	1.0	1.5	1.0	10.0	5.0
30	0.0	0.0	11.0	0.0	0.0	10.0	0.0	0.0	2.0	9.0	8.0	0.0
31	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
Total	47.0	181.0	215.3	318.0	162.3	67.9	20.7	119.0	42.0	235.0	362.0	107.0
D.LI.	9	18	8	14	21	16	6	13	7	22	23	13
TOTALES ANUALES	1877.2 mm.											170 Dias lloviz

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

ESTACION: LA GRANJA

MUNICIPIO: MELGAR

AÑO: 1.981

ALTITUD:

LATITUD: 4-09 N.

LONGITUD: 74-40 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	37.0	5.0	0.0	2.0	0.0	0.0	0.0	
2	0.0	37.0	0.0	0.0	65.0	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	22.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	28.0	17.0	0.0	1.0	0.0	0.0	0.0	30.0	0.0	
5	0.0	0.0	58.0	10.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	23.0	34.0	8.0	0.0	0.0	0.0	0.0	0.0	36.0	
7	0.0	0.0	10.0	18.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	9.0	
8	6.0	0.0	5.0	0.0	0.0	40.0	0.0	0.0	0.0	39.0	7.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	9.0	10.0	0.0	0.0	20.0	3.0	8.0	0.0	0.0	22.0	1.0	0.0	
11	8.0	0.0	0.0	17.0	35.0	0.0	4.0	0.0	6.0	0.0	14.0	0.0	
12	0.0	0.0	0.0	45.0	3.0	0.0	0.0	12.0	0.0	0.0	9.0	15.0	
13	0.0	62.0	7.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	7.0	15.0	
14	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	
15	0.0	5.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	35.0	5.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
17	0.0	0.0	0.0	35.0	0.0	0.0	1.0	53.0	0.0	11.0	0.0	0.0	
18	0.0	3.0	0.0	35.0	0.0	9.0	0.0	0.0	2.0	7.0	27.0	10.0	
19	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	15.0	
20	0.0	0.0	0.0	28.0	3.0	4.0	0.0	0.0	0.0	0.0	57.0	11.0	
21	0.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	11.0	
22	0.0	28.0	0.0	0.0	13.0	4.0	0.0	0.0	0.0	5.0	0.0	0.0	
23	0.0	0.0	10.0	0.0	0.0	4.0	0.0	15.0	0.0	29.0	23.0	0.0	
24	0.0	3.0	12.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	1.0	0.0	4.0	0.0	0.0	3.0	0.0	0.0	0.0	88.0	
26	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	
27	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	4.0	
28	0.0	0.0	5.0	4.0	56.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	38.0	23.0	18.0	0.0	0.0	0.0	0.0	37.0	0.0	
30	21.0	0.0	0.0	14.0	67.0	0.0	0.0	0.0	3.0	42.0	0.0	8.0	
31	0.0	0.0	0.0	0.0	3.0	0.0	0.0	49.0	0.0	0.0	0.0	0.0	
Total	44.0	165.0	98.0	373.0	524.0	160.0	58.0	154.0	24.0	186.0	366.0	229.0	
D.LL	4	9	7	17	17	12	6	8	6	10	15	11	
TOTALES ANUALES							2401.0 mm.			122			Dias lluvia

ESTACION: LA MESETA

MUNICIPIO: SAN ANTONIO

AÑO: 1.981

ALTITUD: 1.600

LATITUD: 3-55 N.

LONGITUD: 75-29 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	12.0	0.0	6.0	
2	0.0	4.0	0.0	10.0	2.0	1.0	1.0	0.0	0.0	37.0	0.0	0.0	
3	0.0	4.0	0.0	17.0	10.0	0.0	0.0	0.0	0.0	1.0	0.0	6.0	
4	0.0	2.0	23.0	29.0	7.2	0.0	38.0	0.0	1.0	0.0	0.0	0.0	
5	4.0	0.0	0.0	7.0	2.0	14.0	12.0	0.0	0.5	12.0	0.0	0.0	
6	4.0	0.0	14.0	2.0	24.0	12.0	0.0	6.0	4.0	2.0	14.0	6.0	
7	0.0	2.0	12.0	38.0	2.5	44.0	0.0	19.0	0.0	25.0	23.0	12.0	
8	0.0	3.0	10.0	3.0	16.0	0.5	0.0	0.0	10.0	54.0	2.0	0.0	
9	0.0	0.0	10.0	1.0	7.0	4.0	6.0	0.0	2.0	2.0	0.0	4.0	
10	0.0	4.0	0.0	5.0	0.0	4.0	3.0	0.0	24.0	8.0	2.0	10.0	
11	0.0	0.0	0.0	4.0	26.0	4.0	0.0	0.0	0.0	1.0	0.0	2.0	
12	0.0	12.0	0.0	10.0	16.0	0.0	0.0	0.0	3.0	2.0	8.0	2.0	
13	0.0	26.0	24.0	26.0	8.0	0.0	0.0	0.0	6.0	10.0	8.0	10.0	
14	0.0	0.0	0.0	2.0	23.0	0.5	0.0	2.0	2.0	3.0	7.0	2.0	
15	0.0	14.0	0.0	30.0	5.0	30.0	1.0	0.0	0.0	1.0	1.0	0.0	
16	0.0	2.0	0.0	32.0	1.0	0.0	22.0	6.0	0.0	1.0	4.0	0.0	
17	0.0	5.0	0.0	30.0	2.0	30.0	0.0	0.0	0.0	1.0	2.0	0.0	
18	0.0	7.0	0.0	2.0	0.0	3.0	0.0	0.0	2.0	0.0	4.0	25.0	
19	0.0	4.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	4.0	4.0	
20	0.0	12.0	0.0	4.0	0.0	3.0	0.0	0.0	0.0	3.0	12.0	2.0	
21	0.0	9.0	0.0	0.0	2.0	0.0	0.0	18.0	0.0	15.0	9.0	12.0	
22	0.0	27.0	0.0	8.0	10.0	1.0	3.0	0.0	0.0	16.0	5.0	0.0	
23	0.0	16.0	0.0	20.0	24.0	0.0	0.0	0.0	0.0	15.0	28.0	0.6	
24	0.0	34.0	0.0	2.0	3.0	0.0	0.0	12.0	0.0	10.0	0.0	2.0	
25	0.0	0.0	3.0	3.0	6.0	0.0	0.0	10.0	0.0	1.0	0.0	6.0	
26	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	1.0	15.0	10.0	2.0	
27	0.5	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	24.0	0.0	15.0	9.0	4.0	4.0	0.0	4.0	12.0	2.0	2.0	2.0	
29	17.0	0.0	9.0	4.0	4.0	9.0	0.0	6.5	0.0	4.0	5.0	0.0	
30	2.0	0.0	0.0	1.0	1.0	12.0	0.0	14.0	1.0	1.0	10.0	0.0	
31	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	
Total	51.5	187.0	120.0	277.0	253.7	287.0	84.0	111.5	67.5	244.0	156.0	135.0	
D.LL	6	18	9	26	26	19	3	13	12	25	20	19	
TOTALES ANUALES							1974.2 mm.			201			Dias lluvia

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

ESTACION: EL OCASO

MUNICIPIO: DOLORES

AÑO:

1.981

ALTITUD: 1.000

LATITUD: 3-32 N.

LONGITUD: 74-53 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	40.0	0.0	0.0	0.0	0.0	8.0	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	5.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
4	0.0	0.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0	26.0	0.0	0.0	
5	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.0	
6	0.0	0.0	14.0	0.0	0.0	0.0	0.0	5.5	4.0	0.0	50.0	0.0	
7	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	4.0	20.0	50.0	0.0	
8	0.0	0.0	25.0	15.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	
9	0.0	0.0	28.0	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	12.0	32.0	0.0	
11	0.0	38.0	0.0	5.0	20.0	0.0	0.0	0.0	0.0	20.0	0.0	34.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	
13	0.0	40.0	0.0	0.0	0.0	0.0	40.0	0.0	16.0	50.0	54.0	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	15.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	36.0	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	50.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	5.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	0.0	
21	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	
22	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	17.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0	
24	0.0	0.0	15.0	0.0	50.0	0.0	0.0	36.0	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	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	
28	50.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	18.0	24.0	0.0	0.0	0.0	0.0	40.0	44.0	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	50.0	
31	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total	55.0	138.0	97.0	256.0	210.0	40.0	50.0	41.5	24.0	206.0	406.0	209.0	
D. LI.	2	5	5	12	7	1	2	2	3	8	14	6	
TOTALES ANUALES										1732.5 mm.		67	Días lluvia

ESTACION: SANTA MARTA

MUNICIPIO: EL AGUILA

AÑO:

1.981

ALTITUD: 1.760

LATITUD: 4-54 N.

LONGITUD: 76-03 W.

DÍAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	7.0	0.0	0.0	0.0	0.9	3.0	0.0	0.0	0.0	0.0	6.0	
2	0.5	0.0	0.0	0.0	8.0	15.0	0.0	0.0	0.0	10.0	27.0	0.0	
3	0.0	5.0	0.0	0.0	21.0	0.7	0.0	5.0	0.0	0.0	0.0	15.0	
4	0.0	0.0	0.0	0.0	16.0	25.0	0.0	10.0	0.0	7.0	5.0	0.0	
5	15.0	10.0	24.0	11.0	57.0	30.0	0.0	0.0	0.0	0.0	38.0	0.0	
6	0.0	5.0	0.0	0.0	0.0	10.0	0.0	25.0	0.0	20.0	0.0	5.0	
7	0.0	0.0	0.0	14.0	0.0	15.0	0.0	10.0	0.0	3.0	0.0	7.0	
8	0.0	0.0	34.0	0.2	34.0	34.0	5.0	0.0	29.0	0.0	64.0	4.0	
9	0.0	3.0	15.0	0.0	14.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.5	0.0	0.0	10.0	7.0	22.0	0.0	20.0	0.0	35.0	0.0	
11	0.0	17.0	0.0	0.0	6.0	3.0	0.0	7.0	0.0	32.0	10.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	14.0	
13	0.0	0.3	0.0	29.0	0.0	0.0	0.0	8.0	0.0	0.0	24.0	22.0	
14	0.0	0.0	0.0	3.0	0.0	6.0	11.0	0.0	43.0	11.0	0.0	3.0	
15	0.0	0.0	0.0	23.0	0.0	0.0	0.0	22.6	0.0	0.0	10.0	7.0	
16	0.0	15.0	0.0	12.0	0.0	9.0	0.0	0.0	5.0	15.0	15.0	0.0	
17	0.0	17.0	0.0	8.0	0.0	0.0	47.0	0.0	0.0	0.0	14.0	0.0	
18	30.0	53.0	0.0	0.0	0.0	15.0	0.0	28.0	0.0	0.0	24.0	0.0	
19	0.0	0.0	0.0	38.0	15.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	
20	15.0	15.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	12.0	
21	0.0	20.0	0.0	0.0	37.0	4.0	0.0	0.0	0.0	7.0	15.0	8.0	
22	0.0	35.0	0.0	75.0	10.0	0.0	0.0	12.0	0.0	12.0	0.0	0.0	
23	0.0	22.0	0.0	20.0	13.0	0.0	0.0	35.0	0.0	14.0	12.0	0.0	
24	0.0	5.0	0.0	0.0	30.0	5.0	0.0	0.0	0.0	0.0	17.0	0.0	
25	0.0	10.0	0.0	15.0	17.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0	
26	0.0	0.0	20.0	0.0	5.0	15.0	0.0	5.0	0.0	51.0	10.0	0.0	
27	0.0	0.0	0.0	10.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	15.0	0.0	0.0	14.0	23.0	0.0	9.0	14.0	0.0	25.0	0.0	7.0	
29	0.0	0.0	15.0	21.0	30.0	12.0	0.0	28.0	28.0	10.0	28.0	8.0	
30	0.5	0.0	0.0	21.0	11.0	6.0	0.0	0.0	5.0	0.0	12.0	6.0	
31	0.0	0.0	0.0	0.0	20.0	0.0	9.0	34.0	0.0	15.0	0.0	38.0	
Total	76.9	239.8	108.0	323.2	387.0	218.1	99.0	243.0	135.0	253.0	378.0	162.0	
D. LI.	7	17	5	17	19	19	7	14	7	15	18	15	
TOTALES ANUALES										2623.0 mm.		160	Días lluvia

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

ESTACION: BELLAVISTA

MUNICIPIO: ANSERMANUEVO

AÑO:

1.981

ALTITUD: 1.550

LATITUD: 4-48 N.

LONGITUD: 76-C4 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	4.0	6.0	11.0	0.0	15.0	22.0	1.5	3.0	
2	0.0	0.0	1.0	0.0	13.0	0.0	2.5	0.0	0.0	1.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.5	0.5	
4	0.0	3.5	0.0	4.0	7.0	0.0	1.0	0.0	0.0	3.0	34.0	0.0	
5	0.0	15.5	8.5	6.5	15.5	0.0	0.5	0.0	0.0	0.0	0.0	26.0	
6	0.5	0.0	0.0	0.0	0.5	15.5	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.5	0.0	4.5	0.0	0.5	0.5	0.0	1.0	0.0	0.0	7.0	0.0	
8	2.0	1.0	4.5	2.0	0.0	13.5	0.0	5.5	8.5	0.0	23.0	0.0	
9	0.0	7.5	8.0	0.0	0.0	20.0	0.0	0.0	0.0	23.0	0.0	2.0	
10	0.0	0.0	1.0	0.0	6.0	3.5	4.0	0.0	13.5	0.0	0.0	0.0	
11	0.0	8.5	2.0	2.0	17.0	8.5	0.0	19.5	0.0	2.0	0.0	10.0	
12	0.0	1.5	3.0	0.0	0.0	6.5	0.0	2.0	1.0	7.0	4.0	0.0	
13	0.0	1.0	23.0	0.0	4.0	0.0	1.5	0.0	0.0	7.0	7.0	4.0	
14	0.0	0.0	34.0	0.0	1.0	0.0	1.5	0.0	4.0	0.5	1.0	1.0	
15	0.0	0.0	0.0	4.0	1.0	3.0	0.0	0.0	0.0	13.0	0.0	5.0	
16	0.0	8.5	0.0	0.0	0.0	30.5	10.0	16.5	0.0	2.5	0.0	0.0	
17	0.0	0.0	0.0	0.0	22.5	6.5	0.0	21.0	3.5	0.0	0.0	0.0	
18	0.0	1.0	0.0	31.0	0.0	0.0	21.0	0.0	0.0	3.0	0.0	0.0	
19	0.0	5.0	19.0	8.0	0.0	0.0	0.0	14.0	0.0	3.0	8.0	0.0	
20	0.5	1.0	2.0	0.0	0.0	0.0	21.0	5.5	0.0	0.0	4.0	4.0	
21	0.0	5.0	0.0	0.0	1.5	11.5	0.0	9.5	0.0	0.0	6.0	0.0	
22	0.0	3.0	0.0	1.5	3.0	1.0	0.0	4.0	0.0	16.5	0.0	0.0	
23	0.0	4.0	0.0	2.5	30.5	2.5	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	1.0	1.0	5.0	0.0	3.0	0.0	
25	0.0	0.0	0.0	2.0	30.0	0.0	0.0	2.0	5.0	1.0	8.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	1.0	0.0	0.0	
27	0.0	0.0	0.0	20.0	0.0	6.5	0.0	0.0	0.0	14.0	0.0	0.0	
28	0.0	0.0	1.5	2.0	1.5	6.5	0.0	6.5	9.5	7.5	0.0	0.0	
29	0.0	0.0	0.0	10.0	7.5	7.0	0.0	2.5	4.0	19.0	10.0	8.0	
30	0.0	0.0	0.0	16.0	6.0	5.0	0.0	1.5	0.5	8.0	2.0	2.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	19.0	0.0	0.0	
Total	9.5	66.0	113.4	212.5	182.0	165.5	115.5	175.0	105.5	164.5	125.0	72.0	
D. Ll.	6	14	14	16	21	19	11	17	9	18	17	13	
TOTALES ANUALES								1526.4 mm.		175			Dias lluvia

ESTACION: EL PLACER

MUNICIPIO: ANSERMANUEVO

AÑO:

1.981

ALTITUD: 1.730

LATITUD: 4-49 N.

LONGITUD: 76-C1 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	5.0	0.0	21.0	0.0	15.0	5.0	0.0	4.0	
2	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	5.0	6.0	6.0	0.0	
4	0.0	20.0	0.0	0.0	8.0	0.0	10.0	0.0	2.0	0.0	25.0	15.0	
5	0.0	21.0	25.0	12.0	51.0	0.0	0.0	0.0	0.0	0.0	1.5	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	17.0	
7	15.0	0.0	12.0	35.0	20.0	30.0	0.0	11.0	1.5	0.0	30.0	0.0	
8	1.5	0.0	0.0	3.5	3.0	17.0	0.0	0.0	12.0	5.0	15.0	0.0	
9	0.0	0.0	10.0	0.0	5.0	20.0	0.0	0.0	0.0	20.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	9.0	15.0	46.0	0.0	12.0	0.0	0.0	0.0	
11	0.0	13.0	0.0	7.0	7.0	9.0	0.0	4.0	10.0	0.0	0.0	20.0	
12	0.0	1.5	0.0	0.0	0.0	25.0	0.0	1.5	0.0	17.0	0.0	0.0	
13	0.0	0.0	20.0	0.0	18.0	0.0	3.0	0.0	0.0	10.0	0.0	0.0	
14	0.0	0.0	0.0	22.0	10.0	0.0	0.0	0.0	6.0	1.5	20.0	0.0	
15	0.0	1.5	0.0	1.5	3.0	26.0	0.0	0.0	0.0	1.5	0.0	0.0	
16	0.0	12.0	0.0	35.0	7.0	17.0	22.0	24.0	0.0	0.6	0.0	0.0	
17	0.0	0.0	1.5	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	7.0	0.0	22.0	0.0	30.0	0.0	14.0	0.0	3.5	0.0	7.0	
19	0.0	1.5	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	
20	0.0	0.0	0.0	0.0	0.0	3.0	20.0	29.0	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	3.0	
22	0.0	1.0	0.0	20.0	10.0	0.0	0.0	10.0	0.0	7.0	0.0	0.0	
23	0.0	46.0	5.0	17.0	30.0	0.0	0.0	0.0	0.0	11.0	12.0	0.0	
24	0.0	0.0	10.0	0.0	24.0	29.0	0.0	13.0	0.0	0.0	14.0	0.0	
25	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.5	0.0	0.0	10.0	0.0	
26	0.0	0.0	0.0	13.0	10.0	0.0	0.0	1.5	0.0	0.0	13.0	0.0	
27	0.0	0.0	0.0	10.0	1.5	30.0	0.0	0.0	0.0	17.0	0.0	0.0	
28	0.0	0.0	14.0	5.0	0.0	7.0	0.0	22.0	0.0	24.0	12.0	10.0	
29	0.0	0.0	0.0	0.0	17.0	0.0	0.0	7.0	20.0	43.0	10.0	0.0	
30	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	20.0	20.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	10.0	0.0	0.0	
Total	16.5	124.5	97.5	241.0	246.0	258.0	122.0	163.5	122.5	202.1	168.5	86.0	
D. Ll.	2	10	8	16	20	13	6	13	11	17	12	8	
TOTALES ANUALES								1848.1 mm.		136			Dias lluvia

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

ESTACION: EL HORIZONTE

MUNICIPIO: ROLDANILLO

AÑO: 1.981

ALTITUD: 1.600

LATITUD: 4-24 N.

LONGITUD: 76-10 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	6.0	25.0	0.0	9.5	0.0	3.2	0.0	5.1	0.0	4.0	4.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	7.0	0.0
3	0.0	13.0	0.0	0.0	17.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
4	0.0	14.0	0.0	12.0	15.0	8.5	0.1	0.0	0.0	0.0	31.2	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	8.2	0.0	0.0	0.0	0.0	45.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	1.0	0.0	8.0	5.0
7	0.0	0.0	18.0	10.0	0.0	0.0	0.0	1.4	0.0	14.2	45.0	0.0
8	0.0	0.0	6.0	0.0	10.0	21.5	0.2	0.0	6.1	15.2	0.0	0.0
9	0.0	14.5	0.0	0.0	5.4	30.6	2.1	0.0	0.0	32.4	14.0	14.0
10	0.0	0.0	0.0	0.0	0.0	6.5	8.3	0.0	11.6	0.0	0.0	0.0
11	0.0	14.0	0.0	0.0	13.5	2.2	0.0	4.2	0.0	0.0	17.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	17.0	5.3	4.0	0.0
13	6.0	0.0	0.0	12.5	0.0	14.5	0.0	0.0	2.5	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	27.0	0.0	14.3	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.0	0.0	16.0	0.0
16	0.0	0.0	37.0	10.0	0.0	3.5	4.5	3.2	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	4.0	0.0	20.5	0.0	0.0	0.0	0.0	2.0	4.4	21.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.0	0.0
20	0.0	6.3	7.0	8.0	8.5	0.0	5.3	0.0	0.0	0.0	11.0	0.0
21	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
22	0.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	18.0	0.0	0.0	1.0	0.0	3.0	7.0	0.0
24	0.0	0.0	0.0	0.0	10.5	0.0	0.0	10.2	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	89.0	0.0	0.0	10.3	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	25.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0
27	0.0	0.0	15.0	8.5	0.0	0.0	0.0	4.0	0.0	0.0	5.0	0.0
28	0.0	0.0	0.0	10.0	5.0	10.0	0.0	0.0	0.0	0.0	8.0	0.0
29	0.0	0.0	0.0	15.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	6.2
30	0.0	0.0	0.0	0.0	0.0	1.5	0.0	4.6	0.0	25.5	5.4	7.0
31	0.0	0.0	0.0	0.0	10.5	0.0	0.0	11.2	0.0	8.0	0.0	0.0
Total	6.0	75.0	108.0	147.0	259.9	115.0	76.7	98.4	46.1	163.6	207.6	62.4
D. Lt.	1	8	6	10	14	11	11	12	8	14	16	7
TOTALES ANUALES							1355.7 mm.				118 Dias Lluvia	

ESTACION: CAMPANELLA
ALTITUD: 1.550

MUNICIPIO: PALMIRA
LATITUD: 3-33 N.

AÑO: 1.981
LONGITUD: 76-18 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	5.0	4.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	1.0	0.0	1.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0
4	0.0	2.0	0.0	23.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0
5	0.0	0.0	13.0	20.0	18.0	5.0	0.0	0.0	0.0	0.0	2.0	25.0
6	0.0	0.0	24.0	0.0	10.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0
7	0.0	0.0	0.0	2.0	15.0	0.0	0.0	9.0	0.0	0.0	1.5	4.0
8	0.0	0.0	0.0	2.5	0.0	20.0	0.0	3.0	7.0	9.0	4.0	0.0
9	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	5.0	0.0
10	0.0	0.0	6.0	0.0	10.0	0.0	4.0	0.0	9.0	4.0	4.0	0.0
11	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	48.0	0.0
12	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	2.0	2.0	62.0	2.0
13	0.0	15.0	0.0	28.0	18.0	0.0	0.0	0.0	0.0	0.0	19.0	1.0
14	0.0	0.0	30.0	78.0	0.0	0.0	0.0	0.0	16.0	18.0	14.0	1.0
15	0.0	1.0	6.0	2.0	38.0	14.0	0.0	0.0	0.0	0.0	20.0	0.0
16	0.0	10.0	13.0	0.0	0.0	20.0	0.0	3.0	0.0	2.0	0.0	1.0
17	0.0	0.0	3.0	14.0	3.0	0.0	0.0	4.0	0.0	0.0	8.0	0.0
18	0.0	1.0	6.0	42.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	12.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0
20	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0
21	0.0	9.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	55.0	47.0
22	0.0	16.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0
23	0.0	12.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	26.5	1.0	0.0
24	0.0	0.0	2.5	2.0	0.0	0.0	0.0	0.0	0.0	2.0	4.0	0.0
25	0.0	0.0	0.0	0.0	12.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0
26	0.0	0.0	35.0	0.0	55.0	0.0	0.0	0.0	0.0	2.0	0.0	18.0
27	5.0	0.0	0.0	35.0	0.0	0.0	0.0	1.0	0.0	5.0	8.0	0.0
28	0.0	0.0	0.0	15.0	10.0	16.0	0.0	0.0	3.0	38.0	0.0	0.0
29	6.0	0.0	0.0	10.0	55.0	12.0	0.0	0.0	0.0	8.0	27.0	0.0
30	4.0	0.0	0.0	2.0	32.0	0.0	0.0	19.0	0.0	50.0	15.0	8.0
31	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.0	0.0	0.0
Total	43.0	92.0	160.5	323.5	225.0	81.0	4.0	74.0	37.0	257.0	339.5	121.0
D. Lt.	5	13	11	20	17	6	1	10	5	17	21	12
TOTALES ANUALES							1757.5 mm.				138 Dias Lluvia	

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

Municipio: Venecia
 Latitud : 5 - 58 N

Año: 1981
 Longitud: 75 - 44 W

ENERO

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

FEBRERO

DIA		NOCHE		
Fecha dominante	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)	
1	V	22,0 NE	V	1,0 S
2	W	18,0 NE	V	2,0 E
3	—	—	—	—
4	E	14,0 E	E	3,0 E
5	V	6,0 SW	E	2,0 E
6	W	10,0 W	E	2,0 E
7	—	—	—	—
8	W	11,0 E	—	—
9	V	6,0 NE	E	2,0 E
10	—	—	—	—
11	W	50,0 NE	E	4,0 SW
12	W	7,0 E	E	6,0 SW
13	W	7,0 W	—	—
14	W	8,0 W	—	—
15	E	38,0 NE	—	—
16	W	13,0 SW	E	3,0 E
17	W	11,0 W	E	5,0 E
18	NW	9,0 NW	—	—
19	—	—	—	—
20	W	24,0 E	E	2,0 E
21	W	11,0 W	E	4,0 SW
22	W	7,0 W	E	2,0 E
23	V	13,0 E	—	—
24	W	8,0 W	E	1,0 E
25	NW	2,0 W	E	1,0 E
26	W	15,0 E	E	23,0 E
27	V	18,0 E	E	12,0 E
28	W	14,0 E	E	19,0 E
29	—	—	—	—
30	—	—	—	—
31	—	—	—	—
MES	W	50,0 NE	E	23,0 E

MARZO

DIA		NOCHE		
Fecha dominante	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)	
1	W	25,0 NE	—	—
2	W	53,0 E	V	18,0 E
3	W	5,0 W	E	6,0 E
4	NW	30,0 E	E	2,0 E
5	V	43,0 SW	V	25,0 E
6	V	5,0 W	E	6,0 E
7	W	10,0 NE	—	—
8	V	17,0 NE	V	—
9	E	9,0 SW	SW	4,0 SW
10	W	7,0 NE	V	24,0 E
11	NW	14,0 E	E	3,0 E
12	V	18,0 E	V	4,0 E
13	V	2,0 W	V	1,0 E
14	E	7,0 SE	NE	1,0 E
15	V	10,0 E	E	2,0 E
16	W	9,0 E	—	—
17	W	14,0 E	V	7,0 SE
18	W	7,0 E	V	9,0 E
19	W	30,0 NE	E	4,0 E
20	W	42,0 NE	E	5,0 SE
21	W	10,0 W	E	12,0 E
22	W	11,0 SW	E	2,0 E
23	V	9,0 NW	E	15,0 E
24	W	16,0 W	E	5,0 E
25	W	9,0 W	E	8,0 E
26	W	17,0 E	E	5,0 E
27	W	5,0 W	E	7,0 NE
28	W	34,0 E	SW	12,0 S
29	E	11,0 NE	E	1,0 N
30	W	10,0 NE	E	15,0 E
31	W	21,0 E	E	8,0 E
14 MES	W	53,0 E	E	25,0 E

ABRIL

DIA		NOCHE		
Fecha dominante	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)	
1	E	16,0 W	E	3,0 E
2	W	6,0 W	E	3,0 S
3	W	10,0 W	E	28,0 NE
4	W	14,0 E	E	8,0 E
5	V	5,0 SE	V	2,0 E
6	W	34,0 NE	E	7,0 E
7	W	21,0 SW	E	3,0 NE
8	W	25,0 E	E	18,0 E
9	—	—	—	—
10	W	14,0 W	E	13,0 NE
11	W	5,0 W	V	6,0 E
12	V	6,0 SW	V	2,0 NW
13	V	33,0 E	E	7,0 SW
14	W	24,0 E	E	2,0 S
15	W	26,0 NE	E	8,0 W
16	V	5,0 W	V	2,0 S
17	V	72,0 NE	E	17,0 E
18	W	19,0 E	SW	1,0 NE
19	V	13,0 E	C	1,0 SW
20	V	7,0 N	C	4,0 SE
21	W	12,0 W	E	6,0 S
22	V	30,0 SW	NE	1,0 E
23	W	34,0 E	E	9,0 W
24	W	7,0 W	E	2,0 NE
25	W	7,0 W	E	3,0 E
26	W	7,0 W	E	15,0 E
27	V	6,0 W	V	19,0 E
28	W	4,0 W	E	27,0 E
29	NW	14,0 NE	V	1,0 SE
30	W	22,0 S	V	29,0 SW
31	—	—	—	—
MES	W	72,0 NE	E	29,0 SW

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

Municipio: Venecia
 Latitud : 5 - 58 N

Año: 1981
 Longitud: 75 - 44 W

MAYO

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

JUNIO

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

JULIO

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

AGOSTO

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

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

Municipio: Chinchiná
 Latitud : 4 - 59 N

Año: 1981
 Longitud: 75 - 35 W

ENERO

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

MES C 16,9 E E 17,6 SE

FEBRERO

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

MES C 28,8 E E 15,5 SE

MARZO

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

MES C 25,2 S SE 15,1 SE

ABRIL

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

MES C 31,7 SE C 22,7 SE

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

Municipio: Chinchiná
 Latitud : 4-59 N

Año: 1981
 Longitud: 75-35 W

MAYO				JUNIO					
DÍA		NOCHE		DÍA		NOCHE			
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	Dirección	Ráfaga máx.		
Fecha dominante	(km/hora)	Fecha dominante	(km/hora)	Fecha dominante	(km/hora)	Fecha dominante	(km/hora)		
1	C	32,8 S	C	19,8 SE	1	C	22,3 SE	C	15,5 SE
2	C	21,2 S	C	15,1 SW	2	C	17,6 N	SE	25,9 SE
3	C	18,0 N	C	20,5 SE	3	C	20,5 N	SE	24,5 SE
4	C	18,7 NW	C	18,4 W	4	C	20,5 E	SE	21,6 SE
5	C	19,8 SW	C	20,9 SE	5	C	54,7 N	SE	29,5 SE
6	C	13,7 NW	C	21,2 SE	6	C	28,4 SE	C	24,5 SE
7	C	22,3 SE	C	16,9 SE	7	C	18,0 W	C	17,6 SE
8	C	15,1 W	C	14,4 E	8	C		C	
9	C	15,5 N	SE	20,9 SE	9	C	10,8 NW	C	20,5 SE
10	C	29,9 S	C	18,7 SE	10	C	17,3 NW	C	17,6 S
11	C	24,8 C	C	20,5 SE	11	C	22,0 S	SE	25,9 SE
12	C	15,1 NW	C	22,3 SE	12	C	26,3 SW	C	14,4 SE
13	C	21,6 S	C	19,1 SE	13	C	18,7 N	C	22,3 SE
14	C	18,0 S	SE	24,1 SE	14	C	18,4 SE	SE	24,1 SE
15	C	22,3 N	C	21,2 SE	15	C	24,8 SE	C	22,0 S
16	C	13,7 SE	C	24,1 SE	16	C	15,5 S	C	14,8 SE
17	C	17,6 N	C	16,9 S	17	C	21,6 N	C	20,5 SE
18	C	14,8 NW	C	19,1 SE	18	C	15,1 S	SE	20,9 SE
19	C	23,8 SE	SE	26,3 SE	19	C	17,3 N	SE	22,7 SE
20	C	18,4 W	SE	25,9 SE	20	C	35,3 S	SE	27,7 SE
21	C	18,0 E	SE	21,6 SE	21	C	21,6 E	SE	24,8 SE
22	C	18,7 N	C	25,6 S	22	C	30,2 S	C	14,4 SE
23	C	14,0 W	C	17,6 N	23	C	10,8 W	SE	21,6 SE
24	C	15,5 S	C	12,2 SE	24	C	20,9 N	C	23,0 N
25	C	22,7 S	C	13,3 SE	25	C	20,9 S	SE	20,9 SE
26	C	15,5 N	C	18,7 SE	26	C	16,9 SE	SE	22,7 SE
27	C	14,0 NW	C	51,8 N	27	C	18,0 SE	SE	24,5 SE
28	C	24,5 S	C	20,9 SE	28	C	17,6 SE	V	22,7 SE
29	C	15,1 N	C	22,3 SE	29	C	15,5 SE	C	11,9 E
30	C	20,9 W	C	15,5 SE	30	C	15,1 N	C	14,8 SE
31	C	18,4 N	C	22,3 SE	31	C			
MES	C	32,8 S	C	51,8 N	MES	C	54,7 N	C	29,5 SE

JULIO				AGOSTO					
DÍA		NOCHE		DÍA		NOCHE			
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	Dirección	Ráfaga máx.		
Fecha dominante	(km/hora)	Fecha dominante	(km/hora)	Fecha dominante	(km/hora)	Fecha dominante	(km/hora)		
1	C	17,3 SE	SE	21,2 SE	1	C	22,3 SE	SE	25,2 SE
2	C	24,8 SW	SE	20,5 SE	2	C	20,9 W	SE	24,8 SE
3	C	25,2 SE	SE	20,9 SE	3	C	14,0 SE	SE	25,9 SE
4	C	15,5 S	C	13,3 SE	4	C	22,7 N	SE	20,9 SE
5	C	45,7 SE	SE	11,2 SE	5	C	19,1 S	SE	24,5 SE
6	C	14,8 N	C	20,5 SE	6	C	18,0 SW	SE	19,1 SE
7	C	17,6 S	SE	25,2 SE	7	C	24,5 E	C	16,9 SE
8	C	29,2 S	C	20,9 SE	8	C	19,4 W	SE	22,7 SE
9	C	15,1 N	C	18,0 SE	9	C	27,0 SE	SE	25,9 SE
10	C	17,3 S	C	14,8 SE	10	C	21,2 N	SE	28,1 SE
11	C	18,7 SE	SE	21,6 SE	11	C	22,0 W	SE	20,9 S
12	C	18,7 SE	SE	23,0 SE	12	C	15,1 SE	C	20,9 SE
13	C	13,7 SE	SE	24,5 SE	13	C	15,1 NW	SE	20,2 S
14	C	14,8 SE	C	22,7 SE	14	C	18,4 SE	SE	25,2 SE
15	C	17,6 E	C	25,6 SE	15	C	19,4 SW	SE	21,6 SE
16	C	15,1 S	C	17,3 SE	16	C	20,9 NW	SE	25,6 NE
17	C	18,0 SE	C	15,5 SE	17	NW	20,9 S	SE	23,0 SE
18	C	20,5 SE	SE	25,2 SE	18	C	21,6 SW	SE	17,3 SE
19	C	24,8 SE	SE	24,8 SE	19	C	18,0 NW	SE	25,2 SE
20	C	55,1 S	SE	22,7 SE	20	C	21,6 N	SE	23,8 SE
21	C	20,9 NW	SE	27,0 SE	21	C	24,5 S	C	21,6 S
22	C	15,8 NW	SE	25,9 SE	22	C	24,5 E	SE	18,7 SE
23	C	17,6 SE	SE	28,8 SE	23	C	22,3 S	SE	22,7 SE
24	NW	18,4 NW	SE	26,3 SE	24	C	28,4 SE	C	14,4 SE
25	C	22,7 SE	SE	28,1 SE	25	C	16,2 SW	C	18,4 SE
26	C	24,5 SE	SE	29,2 SE	26	C	15,1 SE	SE	22,3 SE
27	C	21,2 SE	SE	27,0 SE	27	C	17,6 N	SE	24,8 SE
28	C	19,8 SE	SE	28,1 SE	28	C	19,1 SE	C	24,5 SE
29	C	22,0 NW	SE	24,8 SE	29	C	23,4 E	C	10,8 E
30	SE	18,0 SE	SE	25,2 SE	30	C	15,1 N	C	19,1 SE
31	C	20,9 NW	SE	25,6 SE	31	C	22,0 SW	C	20,9 S
MES	C	55,1 S	SE	28,8 SE	MES	C	28,4 SE	SE	28,1 SE

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

Municipio: Chinchiná
 Latitud : 4 - 59 N

Año: 1981
 Longitud: 75 - 35 W

SEPTIEMBRE

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

OCTUBRE		NOCHE	
Fecha	Dirección Ráfaga máx. dominante (km/hora)	Dirección Ráfaga máx. dominante (km/hora)	Dirección Ráfaga máx. dominante (km/hora)
1	C	10,8 SE	SE
2	C	15,8 S	SE
3	C	14,4 SW	C
4	C	24,5 SW	SE
5	C	18,4 W	SE
6	C	31,3 S	SE
7	C	20,9 S	C
8	C	26,3 S	C
9	C	25,2 NE	C
10	C	21,6 SE	C
11	C	17,3 N	C
12	C	24,8 SE	SE
13	C	49,7 S	SE
14	C	35,6 SE	E
15	C	20,9 S	C
16	C	18,4 SE	SE
17	C	20,9 SE	SE
18	C	21,6 S	SE
19	C	12,6 SE	SE
20	C	25,2 SE	SE
21	C	24,5 SE	SE
22	C	21,2 SE	SE
23	C	18,7 S	C
24	C	18,0 NW	SE
25	C	28,1 W	SE
26	C	27,0 SW	SE
27	C	18,7 S	C
28	C	18,7 S	C
29	C	18,7 W	SE
30	C	11,9 NW	SE
31	C	19,1 SE	C
MES	C	49,7 S	SE

NOVIEMBRE

DÍA		NOCHE	
Fecha	Dirección Ráfaga máx. dominante (km/hora)	Dirección Ráfaga máx. dominante (km/hora)	Dirección Ráfaga máx. dominante (km/hora)
1	C	19,4 W	SE
2	C	18,4 N	SE
3	C	22,0 SE	SE
4	C	23,8 S	C
5	C	18,4 W	SE
6	C	28,1 E	C
7	C	21,6 SE	C
8	C	20,9 S	C
9	C	20,5 SE	SE
10	C	20,9 NW	C
11	C	22,3 SE	C
12	C	36,0 SE	SE
13	C	20,5 W	C
14	C	24,5 N	SE
15	C	18,7 S	C
16	C	27,7 SW	C
17	C	18,7 SE	SE
18	C	40,3 SE	SE
19	C	21,2 SE	C
20	C	24,5 SE	C
21	C	31,7 SE	SE
22	C	18,4 N	C
23	C	24,5 SE	C
24	C	21,6 SE	SE
25	C	15,1 N	SE
26	C	24,5 SE	SE
27	C	22,7 W	SE
28	C	19,1 N	C
29	C	18,4 SE	C
30	C	18,0 W	C
31			
MES	C	40,3 SE	C

DICIEMBRE

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

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

Municipio: Chinchiná
 Latitud : 4 - 58 N

Año: 1981
 Longitud: 75 - 36 W

ENERO

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

FEBRERO

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

MARZO

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

ABRIL

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

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

Municipio: Chinchiná
 Latitud : 4 - 58 N

Año: 1981
 Longitud: 75 - 36 W

MAYO

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

JUNIO

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

JULIO

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

AGOSTO

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

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

Municipio: Chinchiná
Latitud : 4 - 58 N

Año: 1981
Longitud: 75 - 36 W

SEPTIEMBRE

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

OCTUBRE

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

NOVIEMBRE

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

DIEMBRE

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

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

Municipio: Popayán
 Latitud : 2 - 27 N

Año: 1981
 Longitud: 76 - 35 W

ENERO

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

FEBRERO

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

MARZO

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

ABRIL

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

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

Municipio: Popayán
 Latitud : 2 - 27 N

Año: 1981
 Longitud: 76 - 35 W

MAYO

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

JUNIO

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

JULIO

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

AGOSTO

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

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

Municipio: Popayán
 Latitud : 2 - 27 N

Año: 1981
 Longitud: 76 - 35 W

SEPTIEMBRE

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

OCTUBRE

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

NOVIEMBRE

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

DICIEMBRE

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

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

Municipio: Consacá
 Latitud : 1 - 16 N

Año: 1981
 Longitud: 77 - 28 W

ENERO

FEBRERO

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

MARZO

ABRIL

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

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

Municipio: Consacá
Latitud : 1 - 16 N

Año: 1981
Longitud: 77 - 28 W

MAYO

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

JUNIO

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

JULIO

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

AGOSTO

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

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

Municipio: Consacá
 Latitud : 1 - 16 N

Año: 1981
 Longitud: 77 - 28 W

SEPTIEMBRE

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

OCTUBRE

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

NOVIEMBRE

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

DIEMBRE

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

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

Municipio: Chinácota
 Latitud : 7 - 35 N

Año: 1981
 Longitud: 72 - 36 W

ENERO

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

FEBRERO

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

MARZO

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

ABRIL

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

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

Municipio: Chinácota
 Latitud : 7 - 35 N

Año: 1981
 Longitud: 72 - 36 W

MAYO

JUNIO

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

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

JULIO

AGOSTO

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

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

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

Municipio: Chinacota
 Latitud : 7 - 35 N

Año: 1981
 Longitud: 72 - 36 W

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

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

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

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

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

Municipio : Buenavista
 Latitud : 4 - 24 N

Año: 1981
 Longitud: 75 - 43 W

ENERO

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

FEBRERO

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

MARZO

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

ABRIL

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

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

Municipio: Buenavista
 Latitud : 4 - 24 N

Año: 1981
 Longitud: 75 - 43 W

MAYO

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

JUNIO

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

JULIO

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

AGOSTO

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

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

Municipio: Buenavista
 Latitud : 4 - 24 N

Año: 1981
 Longitud: 75 - 43 W

SEPTIEMBRE

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

OCTUBRE

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

NOVIEMBRE

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

DICIEMBRE

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

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

Municipio: Ibagué
 Latitud : 4 - 27 N

Año: 1981
 Longitud: 75 - 16 W

ENERO

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

FEBRERO

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

MARZO

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

ABRIL

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

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

Municipio: Ibagué
 Latitud : 4 - 27 N

Año: 1981
 Longitud: 75 - 16 W

MAYO

JUNIO

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

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

JULIO

AGOSTO

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

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

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

Municipio: Ibagué
 Latitud : 4 - 27 N

Año: 1981
 Longitud: 75 - 16 W

SEPTIEMBRE

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

OCTUBRE

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

NOVIEMBRE

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

DIEMBRE

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

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

Municipio: El Cairo
 Latitud : 4 - 46 N

Año: 1981
 Longitud: 76 - 13 W

ENERO

FEBRERO

ENERO				FEBRERO					
DIA		NOCHE		DIA		NOCHE			
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	Dirección	Ráfaga máx.		
Fecha dominante	(km/hora)	Fecha dominante	(km/hora)	Fecha dominante	(km/hora)	Fecha dominante	(km/hora)		
1	V	35,6 NE	E	14,4 SE	1	NE	42,8 N	NE	18,0 E
2	NE	38,9 E	SE	20,9 NE	2	NE	39,2 NE	E	25,9 NE
3	NE	37,1 E	E	18,7 E	3	NE	30,2 NE	SE	16,9 E
4	NE	40,7 NE	NE	11,2 E	4	NE	43,2 NE	E	22,3 E
5	NE	43,2 N	NE	19,8 E	5	NE	35,6 E	E	20,9 E
6	NE	36,4 NE	SE	14,4 SE	6	E	37,1 NE	E	18,7 E
7	NE	32,4 N	SE		7	NE	36,0 NE	SE	9,0 E
8	E	36,4 NE	NE	29,5 E	8	NE	38,5 NE	E	21,2 E
9	NE	26,6 NE	C	22,3 E	9	V	44,3 NE	NE	25,2 E
10	NE	37,1 NE	SE	11,5 SE	10	E	42,8 NE	E	45,0 NE
11	V	33,8 E	NE	20,9 E	11	NE	25,6 NE	SE	11,2 SE
12	NE	40,3 NE	E	32,8 E	12	V	35,6 NE	NE	25,9 E
13	NE	47,5 NE	E	35,6 E	13	NE	36,0 NE	E	22,3 E
14	V	43,2 NE	E	19,1 E	14	NE	42,5 NE	NE	25,2 NE
15	NE	41,4 NE	E	20,9 SE	15	NE	40,3 NE	E	22,0 E
16	NE	44,3 NE	SE	19,1 SE	16	NE	33,1 NE	NW	33,1 NE
17	NE	38,5 NE	SE	21,6 SE	17	E	40,3 NE	E	12,6 E
18	NE	46,4 NE	E	30,6 E	18	NE	41,4 NE	E	29,5 W
19	NE	47,9 NE	E	26,3 NE	19	W	25,9 E	E	
20	NE	43,2 NE	NE	25,2 NE	20	E	41,8 NE	N	27,7 E
21	NE	39,6 NE	NE	27,7 E	21	NE	42,8 NE	E	36,0 NE
22	NE	43,2 NE	E	25,2 E	22	V	29,2 E	E	
23	NE	43,2 NE	NE	22,7 E	23	E	32,0 NE	E	22,3 E
24	NE	46,1 NE	E	20,9 E	24	E	36,7 E	E	26,3 E
25	NE	43,9 NE	E	17,6 NE	25	V	37,1 NE	NE	29,5 NE
26	E	40,7 NE	E	14,4 E	26	E	35,3 NE	NE	21,6 E
27	NE	46,1 NE	SE	17,6 E	27	V	35,6 NE	NE	28,1 E
28	NE	46,8 NE	E	32,4 NE	28	E			
29	E	19,1 N	SE	15,1 SE	29				
30	NE	41,0 NE	NE	13,7 E	30				
31	E	32,4 NE	SE	21,6 E	31				
MES	NE	47,9 NE	E	35,6 E	MES	NE	44,3 NE	E	45,0 NE

MARZO

ABRIL

MARZO				ABRIL					
DIA		NOCHE		DIA		NOCHE			
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	Dirección	Ráfaga máx.		
Fecha dominante	(km/hora)	Fecha dominante	(km/hora)	Fecha dominante	(km/hora)	Fecha dominante	(km/hora)		
1	E	47,5 E	E	25,6 NE	1	N	36,7 NE	SE	24,8 E
2	NE	43,9 NE	E	13,0 NE	2	NE	46,1 NE	E	20,2 E
3	NE	32,4 NE	E	5,4 SE	3	NE	36,0 NE	E	18,0 NE
4	E	43,2 NE	E	31,7 NE	4	NE	43,2 NE	SE	21,2 E
5					5	SE	28,4 N	SE	10,4 SE
6					6	NE	43,6 NE	E	16,2 SE
7					7	F	36,0 NE	SE	9,0 SE
8					8	SE	36,7 E	SE	9,7 SW
9					9	E	32,0 NE	E	15,5 SE
10					10	NE	36,0 NE	N	19,8 E
11	NE	31,7 NE	E	24,8 E	11	NE	32,4 NE	E	23,8 NE
12	N	36,0 NE	E	20,5 SE	12	E	49,7 NE	E	10,8 E
13	E	35,3 N	E	23,0 NE	13	NE	35,3 NE	SE	9,0 SE
14	E	30,6 NE	NE	36,0 NE	14	E	35,6 E		
15	E	29,5 NE	E	18,7 NE	15	E	39,2 E	E	33,1 NE
16	N	39,6 NE	E	10,4 E	16	W	19,1 S	SE	
17	NE	43,6 NE	NE	19,1 E	17	NE	38,9 NE	E	9,7 E
18	NE	32,8 NE	E	5,0 E	18	E	35,3 N	SE	14,0 NE
19	E	45,0 NE	E	20,9 E	19	SE		SE	
20	NE	51,1 NE	SE	33,5 NE	20	W	24,8 N	E	14,4 NE
21	NE	43,9 NE	N	31,7 NE	21	N	41,4 N	SE	29,2 E
22	NE	36,4 NE	E	26,6 NE	22	SE	32,4 N	E	14,8 E
23	NE	40,3 NE	E	23,4 E	23	E	38,5 NE	E	18,0 E
24	E	43,6 NE	SE	20,9 SE	24	E	28,8 NE	E	14,4 SE
25	E	41,4 NE	NE	29,2 NE	25	NE	37,1 NE	E	20,9 SE
26	W	28,8 S	E	18,7 E	26	SE	42,8 NE	E	16,2 E
27	E	37,1 NE	SE	25,2 NE	27	NE	43,6 NE	E	16,2 SE
28	NE	44,6 N	E	37,1 NE	28	E	21,6 N	NE	14,0 NE
29	NE	35,6 NE	SE		29	V	39,2 N	E	17,3 SE
30	NE	39,6 NE	SE	21,6 E	30	E	25,6 NE	SE	15,5 SE
31	NE	45,0 NE	SE	12,2 SE	31				
MES	NE	51,1 NE	E	37,1 NE	MES	NE-E	49,7 NE	E	29,2 E

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

Municipio: El Cairo
 Latitud : 4 - 46 N

Año: 1981
 Longitud: 76 - 13 W

MAYO

DIA		NOCHE	
Dirección Ráfaga máx.		Dirección Ráfaga máx.	
Fecha dominante	(km/hora)	dominante	(km/hora)
1	SE	22,3 E	E
2	N	37,4 N	E
3	E	42,8 NE	E
4	E	27,4 NE	SE
5	NE	33,1 NE	C
6	E	29,5 NE	NE
7	NE	45,7 E	S
8	W	14,4 W	E
9	NE	29,5 NE	E
10	E	43,6 NE	E
11	V	38,9 N	E
12	E	33,5 E	E
13	E	39,2 NE	E
14	E	29,5 E	SE
15	V	35,6 NE	E
16	W	17,3 SE	SE
17	E	35,3 NE	E
18	N	23,8 N	SE
19	N	36,0 NE	E
20	E	35,3 E	SE
21	E	35,3 E	SE
22	E	43,6 NE	NE
23	NE	43,9 NE	NW
24	V	33,1 NE	C
25	E	32,8 E	C
26	SW	35,3 NE	E
27	E	32,8 E	E
28	E	46,8 NE	E
29	E	30,2 NE	SE
30	E	24,5 E	E
31	E	38,2 NE	SE
MES	E	46,8 NE	E

JUNIO

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

JULIO

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

AGOSTO

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

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

Municipio: El Cairo
 Latitud : 4 - 46 N

Año: 1981
 Longitud: 76 - 13 W

SEPTIEMBRE

OCTUBRE

DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	E	37,4 NE	E
2	N	45,7 NE	SE
3	NE	36,0 E	E
4	E	42,8 E	SE
5	V	31,0 E	E
6	E	36,4 NE	E
7	E	37,1 NE	NE
8	NE	36,4 NE	SE
9	E	39,6 E	E
10	NE	40,3 NE	E
11	V	28,4 E	E
12	E	43,9 NE	NE
13	W	29,5 NE	SE
14	NE	43,2 NE	E
15	W	35,6 NE	E
16	E	38,9 NE	E
17	E	35,3 E	E
18	E	40,3 NE	SE
19	W	26,3 NE	E
20	E	39,6 E	SE
21	E	36,0 E	E
22	E	39,6 N	E
23	NE	40,3 NE	SE
24	E	40,7 NE	SE
25	E	43,2 E	E
26	E	36,4 NE	E
27	E	48,2 E	SE
28	NE	42,8 NE	E
29	NE	43,2 N	E
30	NE	43,8 NE	E
31			
MES	E	48,2 E	E 38,9 NE

DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	E	29,2 E	NE 27,0 E
2	NE	40,3 NE	SE 22,7 NE
3	E	33,8 E	E
4	NE	47,2 NE	E 39,6 E
5	V	45,9 N	NE 18,7 E
6	NE	51,1 NE	SE 18,0 E
7	E	36,0 NE	E 31,7 NE
8	NE	38,5 NE	SE 29,2 E
9	E	36,0 NE	E 15,1 E
10	E	29,5 E	SE 18,7 E
11	V	32,8 NE	NE
12	NE	36,7 NE	SE 15,1 E
13	N	39,6 N	E 22,0 E
14	NE	36,7 NE	E
15	NE	25,9 NE	E 15,5 E
16	NE	39,2 NE	E 10,8 E
17	E	39,2 E	SE 24,5 E
18	NE	36,7 NE	E 22,0 E
19	NE	32,0 NE	SE 9,7 SE
20	N	41,0 N	SE 22,0 E
21	E	46,1 E	E 14,8 NE
22	NE	49,7 NE	SE 17,3 SE
23	NE	42,5 NE	NE 37,1 NE
24	W	29,5 NE	E 13,3 E
25	E	35,3 NE	E 19,4 SE
26	NE	36,0 E	SE 9,7 SE
27	V	29,5 NE	E 10,8 SE
28	E	29,2 NE	SE 22,3 E
29	E	36,0 N	SE 17,3 E
30	NE	24,1 E	NE
31	NE	43,2 E	E 11,9 SE
MES	NE	51,1 NE	E 39,6 E

NOVIEMBRE

DICIEMBRE

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

DIA		NOCHE	
Fecha dominante	Dirección Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	E	38,9 NE	E 10,1 SE
2	E	32,0 E	SE 17,6 SE
3	NE	37,1 E	SE 10,8 SE
4	NE	38,9 NE	E 9,4 E
5	NE	42,1 NE	NE
6	NE	37,1 NE	NE 8,6 NE
7	NE	42,8 E	E 14,8 E
8	E	36,7 NE	SE 20,9 SE
9	NE	33,1 NE	NE
10	E	25,4 E	E
11	NE	35,6 NE	E 17,3 SE
12	NE	38,9 NE	E 18,0 E
13	E	32,0 E	E 17,6 E
14	E	32,4 NE	N 17,6 E
15	N	36,4 NE	E 18,0 SE
16	E	38,5 NE	SE 8,3 SE
17	NE	45,4 NE	NE 18,7 NE
18	NE	33,8 NE	NE 10,4 E
19	E	29,5 NE	NW 19,1 NE
20	NW	36,4 N	NE 10,4 E
21	E	22,3 E	E 9,4 E
22	E	25,2 NE	SE
23	NE	42,1 NE	SE 17,3 SE
24	V	37,8 NE	SE 13,3 SE
25	E	31,7 NE	E
26	E	34,9 E	N 11,2 E
27	E	33,8 E	SE 14,4 SE
28	E	36,0 NE	E 17,6 E
29	E	25,6 E	E 10,1 NE
30	E	36,0 E	NE 9,7 NE
31	NE	18,7 W	SE
MES	E	45,4 NE	E 20,9 SE