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# ANUARIO METEOROLOGICO 1983



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 1983

SE CANJEA CON PUBLICACIONES DE LA MISMA INDOLE

DIRECCION:            **CENICAFE · CHINCHINA · CALDAS · COLOMBIA**  
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REGISTRADO NACIONAL DE CAFETEROS DE COLOMBIA  
CENTRO NACIONAL DE INVESTIGACIONES DE CAFÉ  
DEPARTAMENTO DE BIOLÓGIA Y SUELOS  
SECCIÓN DE AGROCLIMATOLOGÍA

ANUARIO  
METEOROLÓGICO  
1983

*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 1983 en la red de estaciones que posee la Federación Nacional de Cafeteros, en la zona cafetera colombiana.

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

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

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

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

## CALCULOS

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

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

$e$  = Tensión del vapor actual, en milibares.

$E$  = Tensión del vapor saturante.

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

$t$  = Temperatura del termómetro seco, en  $^{\circ}\text{C}$ .

$t_1$  = Temperatura del termómetro húmedo, en  $^{\circ}\text{C}$ .

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

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

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

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

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

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

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

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

Los valores de lluvia corresponden a: Día = el total de lluvia registrada desde las 7 a.m., hasta las 7 p.m.; Noche = total de lluvia registrado desde las 7 p.m., hasta las 7 a.m. del día siguiente; c) Total = suma de los valores de día y noche. Se anotan los días lluviosos, o sea el número de días que presentaron una lluvia superior a 0,1 mm.

El brillo solar corresponde a la suma diaria, mensual o anual de horas de insolación registradas en heliógrafo tipo Campbell-Stokes.

## VIENTOS DE SUPERFICIE.

Al final de este anuario (páginas 326 a 341) se presentan los datos diarios de vientos de superficie.

Para las estaciones de Venecia-El Rosario, Popayán-La Florida, Tibacuy y Consacá-Ospina Pérez, se publican las direcciones dominantes del viento, durante el día y durante la noche. El instrumento de medida es un anemógrafo mecánico Instrument Corporation.

Para las estaciones de Chinchiná-Cenicafé, Naranjal, Buenavista-Paraguaicito y El Cairo-Albán se suministran las direcciones dominantes y ráfagas máximas, para el día y la noche. El instrumento de medida es un anemocinemógrafo mecánico FUESS.

Desde agosto se cambió el instrumento de la estación de Cenicafe y se instaló un anemógrafo tipo Woelfle; en consecuencia, en lugar de la ráfaga máxima se publica la velocidad media del viento en metros por segundo en el período considerado (recorrido del viento).

Se discriminó la información en día y noche, ya que en la mayoría de las localidades predomina la circulación valle-montaña. Además, se evaluó la dirección dominante (mayor número de horas en determinada dirección). Las ráfagas se presentan en kilómetros por hora y especificando su dirección, ya que a veces es diferente a la dominante por presentarse remolinos. Las velocidades medias se suministran en metros por segundo. Se consideran ocho direcciones de la rosa de los vientos (N, NE, E, W, SE, SW, NW, S). La letra C define las calmas y la letra V períodos con dirección muy variable.

## ESTACIONES SUSPENDIDAS

<u>Municipio</u>	<u>Estación</u>	<u>Departamento</u>
<u>Estación principal</u>		
La Virginia	Ingenio San Francisco	Risaralda
<u>Puestos pluviométricos</u>		
Filadelfia	Pernambuco	Caldas
San Bernardo	Arabia	Caldas
Pitalito	Palestina	Huila
Guamal	Villa Priscilla	Meta
Samaniego	Batioja	Nariño
Belén de Umbría	Taparcal	Risaralda
Belén de Umbría	La Primavera	Risaralda
Floridablanca	La Loma	Santander
Mogotes	Instituto Agrícola	Santander
Chima	Agua Fría	Santander
Oiba	Los Pinos	Santander

## NUEVAS ESTACIONES

### Puestos pluviométricos

Municipio	Estación	Departamento
Venecia	La Loma	Antioquia
Amagá	El Diamante	Antioquia
Pácora	La Cascada	Caldas
Apía	Baja Campana	Risaralda
Rionegro	La Reserva	Santander
Mariquita	La Mesa	Tolima
Fresno	El Encanto	Tolima
Casabianca	La Graciela	Tolima
Anzoátegui	Janiyof	Tolima
Planadas	Los Andes	Tolima
Chaparral	Poco a Poco	Tolima
Natagaima	Montefrío	Tolima
Ortega	Cedrales	Tolima
Alvarado	Totarito	Tolima

## LOCALIZACION DE LA RED METEOROLOGICA

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

#### REGION DE LA SIERRA NEVADA

CESAR

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

NORTE DE SANTANDER

Convención	La Laguna		8°32'	73°18'	1.250	Catacumbo
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

### ZONA CENTRAL NORTE

#### VERTIENTE OCCIDENTAL CORDILLERA ORIENTAL

SANTANDER

El Playón	Las Porositas		7°28'	73°10'		Lebrija
Rionegro	Palestina		7°21'	73°07'	1.350	Lebrija
Rionegro	Los Cocos		7°18'	73°07'	1.300	Lebrija
Rionegro	La Reserva		7°18'	73°10'	1.200	Lebrija
Bucaramanga	Ceylán		7°09'	73°38'	1.300	Oro
Girón	Bonanza		7°04'	73°10'	1.250	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		5°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
Guadalupe	Sevilla		6°15'	73°25'	1.390	Suárez
Charalá	Villanueva		6°16'	73°08'	1.450	Fonce
Landazuri	El Danubio		6°13'	73°48'		
Suaita	El Recreo		6°07'	73°29'	1.540	Suárez
Suaita	Cielo Roto		6°07'	73°28'	1.540	Suárez
Barbosa	Buenavista		5°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	

BOYACA

Moniquirá	Bertha		5°52'	73°24'	1.700	Suarez
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Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s.n.m.	Hoya hidrográfica
<b>CUNDINAMARCA</b>						
	Yacopi	Montelíbano	5°28'	74°22'	1.340	Negro
	La Palma	Sec. de Agricultura	5°21'	74°23'	1.250	Negro
	Caparrapi	El Paraíso	5°19'	74°29'	1.450	Negro
	Vergara	Los Pantanos	5°07'	74°21'	1.550	Negro
	Guaduas	Sec. de Agricultura	5°04'	74°36'	1.060	Negro
	Guaduas	Los Alpes	5°05'	74°34'	1.600	Negro
	La Vega	Los Aleros	4°58'	74°18'		Negro
	San Francisco	La Carlina	5°49'	74°17'		Negro
	Sasaima	El Triángulo	4°58'	74°26'	1.500	Negro
	Sasaima	Icalí	4°57'	74°25'	1.300	Negro
	Viani	Viani	4°52'	74°33'		Negro
	San Juan de Rioseco		4°51'	74°40'	1.300	Magdalena

#### VERTIENTE DE LOS LLANOS

#### META

Acacias	Montelíbano	4°02'	73°45'	610	Acacias
Acacias	Maringá	4°00'	73°46'	540	Acacias

#### VERTIENTE ORIENTAL CORDILLERA CENTRAL

#### CALDAS

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

#### TOLIMA

Mariquita	La Mesa	5°11'	74°53'	1.200	Magdalena
Fálan	Palocabildo	5°08'	74°53'	1.500	Gualí
Casabianca	La Graciela	5°05'	75°05'	1.600	Gualí
Fresno	La Cimarrona	5°10'	75°00'	1.400	Gualí
Fresno	El Encanto	5°10'	74°58'	1.400	Gualí
Libano	La Trinidad	4°55'	75°04'	1.430	Recio
Anzoátegui	Janiyof	4°37'	75°12'	1.700	La China
Alvarado	Totarito	4°34'	74°52'	1.250	Alvarado

#### VERTIENTE OCCIDENTAL CORDILLERA CENTRAL

#### ANTIOQUIA

Amagá	El Diamante	6°02'	75°42'	1.350	Cauca
Venecia	El Rosario	5°56'	75°43'	1.600	Cauca
Venecia	La Loma	5°58'	75°44'	1.250	Cauca
Fredonia	Bariloche	5°56'	75°37'	1.700	Cauca

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s.n.m.	Hoya hidrográfica
<b>CALDAS</b>						
	Aguadas	Santa Helena	5°37'	75°33'	1 400	Cauca
	Aguadas	Guaymaral	5°38'	75°28'	1.600	Cauca
	Pácora	La Cascada	5°31'	75°28'	1.550	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	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
	Dosquebradas	El Bosque	4°50'	75°41'	1.450	San Eugenio
	Dosquebradas	La Primavera	4°50'	75°40'	1.540	San Eugenio
	Pereira	Los Cábulos	4°49'	75°50'	1.240	Cauca
	Pereira	Planta de Tratamiento	4°48'	75°40'	1.450	Otún
	Pereira	La Marina	4°48'	75°43'	1.560	Otún
	Pereira	Belmonte	4°48'	75°46'	1.340	Otún
	Pereira	El Cedral	4°47'	75°32'	2.120	Otún
	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

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s.n.m.	Hoya hidrográfica
<b>RISARALDA</b>						
	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	Ospirna	5°20'	75°49'	1.680	Risaralda
	Mistrató	Planta de Tratamiento	5°17'	75°53'	1.600	Risaralda
	Belén de Umbria	La Florida	5°09'	75°53'	1.350	Risaralda
	Apía	Baja Campana	5°07'	75°56'	1.550	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

### 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
	Mesitas del Colegio	Misiones	4°34'	74°18'	1.540	Bogotá
	Mesitas del Colegio	El Porvenir	4°33'	74°19'	1.350	Bogotá
	Mesitas del Colegio	Las Granjas	4°28'	74°28'	1.400	Bogotá
	Viotá	Atala	4°24'	74°28'	1.160	Bogotá
	Tibacuy	La Granja	4°21'	74°25'	1.550	Fusagasugá
	Silvania	Pinar del Río	4°22'	74°21'	1.750	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
	Natagaima	Montefrío	3°32'	75°20'	1.500	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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#### VERTIENTE ORIENTAL CORDILLERA CENTRAL

#### TOLIMA

	Ibagué	Chapetón	4°27'	75°16'	1.300	Coello
	Rovira	La Aldea	4°13'	75°14'	1.550	Coello
	Valle de San Juan	Orisol	4°10'	75°07'	1.500	Coello
	Ortega	Cedrales	3°56'	75°14'	1.780	Saldaña
	San Antonio	La Meseta	3°55'	75°29'	1.600	Saldaña
	Chaparral	Limón	3°43'	75°38'	990	Saldaña
	Chaparral	Poco a Poco	3°44'	75°12'	1.340	Saldaña
	Planadas	Los Andes	3°13'	75°40'	1.500	Magdalena

#### HUILA

	Teruel	Buenos Aires	2°45'	75°35'	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 OCCIDENTAL CORDILLERA CENTRAL

QUINDIO

Circasia	La Ilusión	4°36'	75°39'	1.500	Barbas
Circasia	Bremen	4°40'	75°37'	2.040	Barbas
Filandia	Amazonas	4°38'	75°39'		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
Montenegro	Sorrento	4°32'	75°51'	1.290	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
Calarcá	Quebradanegra	4°31'	75°38'	1.500	Quindío
Calarcá	El Paraíso	4°30'	75°42'	1.400	Quindío
Armenia	La Pradera	4°28'	75°43'	1.350	Quindío
Tebaida	La Argentina	4°26'	75°46'	1.200	La Vieja
Tebaida	La Miranda	4°26'	75°50'	1.220	La Vieja
Córdoba	Mónaco	4°24'	75°40'	1.300	Rioverde
Buenavista	Paraguaicito	4°23'	75°44'	1.250	Rioverde
Buenavista	La Esperanza	4°21'	75°45'	1.400	Rioverde
Pijao	El Porvenir	4°19'	75°45'	1.540	Río Lejos
Génova	Villa Horizaba	4°12'	75°44'	1.540	Barragán

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	3°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'	75°03'	1.760	Cauca
Ansermanuevo	El Placer	4°49'	76°01'	1.730	Cauca
Ansermanuevo	Bellavista	4°48'	76°04'	1.550	Cauca
El Cairo	Subestación Albán	4°46'	76°13'	1.400	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

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

#### VERTIENTE OCCIDENTAL CORDILLERA ORIENTAL

##### HUILA

Algeciras	Kiosco	2°32'	75°20'	1.400	Neiva
Gigante	Jorge Villamil	2°22'	75°33'	1.500	Magdalena

#### VERTIENTE OCCIDENTAL CORDILLERA CENTRAL

##### CAUCA

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

#### CUENCA DEL RIO PATIA

##### NARIÑO

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

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ESTACION: EL ROSARIO

MUNICIPIO: VENECIA

AÑO: 1.983

ALTITUD: 1.600

LATITUD: 5-56 N.

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	15.5	27.0	22.5	65.8	17.3	15.3	0.0	4.3	4.3	10.6
2	16.0	24.0	20.5	75.6	19.0	16.6	0.1	0.3	0.4	4.0
3	15.4	27.0	21.3	64.1	15.5	13.6	0.0	0.0	0.0	7.9
4	16.0	24.5	20.8	69.4	16.7	14.6	0.0	0.9	0.9	4.3
5	16.0	23.6	20.1	71.3	16.2	14.2	0.1	0.0	0.1	3.9
6	16.0	25.0	20.9	71.4	17.4	15.4	1.5	0.0	1.5	4.3
7	16.4	25.6	22.0	65.4	17.0	15.0	1.7	0.0	1.7	8.0
8	16.6	23.0	20.5	89.1	21.4	18.6	0.0	0.0	0.0	0.0
9	16.5	27.5	22.2	70.9	18.0	15.9	0.0	0.0	0.0	10.6
10	16.4	27.0	23.4	63.1	17.4	15.4	0.0	0.0	0.0	8.5
11	16.6	27.3	23.0	67.6	18.5	16.3	0.0	0.0	0.0	8.3
12	17.0	24.8	19.5	86.4	19.5	17.2	10.5	0.0	10.5	4.9
13	15.5	26.5	21.6	68.1	17.0	15.0	0.0	0.0	0.0	9.9
14	16.0	26.0	21.7	67.9	17.2	15.1	0.0	0.0	0.0	10.9
15	16.0	27.0	21.6	68.8	17.5	15.4	0.0	0.0	0.0	9.8
16	17.0	26.5	21.9	70.1	17.9	15.8	0.0	0.0	0.0	10.5
17	16.6	27.2	22.7	73.2	19.7	17.3	0.0	0.0	0.0	8.4
18	16.5	27.2	22.7	65.7	17.3	15.2	0.0	0.0	0.0	10.4
19	16.6	27.2	23.0	65.0	17.6	15.5	0.0	0.0	0.0	8.8
20	17.4	27.6	22.9	68.9	18.4	16.3	0.2	0.0	0.2	6.8
21	17.8	29.0	24.0	62.5	17.8	15.5	0.0	0.0	0.0	9.7
22	18.0	28.6	24.1	67.4	19.3	16.9	0.0	0.0	0.0	10.4
23	18.0	29.0	23.9	63.0	17.7	15.5	0.0	0.0	0.0	9.4
24	16.6	27.7	23.1	65.3	17.4	15.3	0.0	0.0	0.0	10.5
25	16.0	28.6	23.5	63.8	17.5	15.5	0.0	0.0	0.0	10.0
26	19.0	27.6	22.8	70.6	18.8	16.5	0.0	0.0	0.0	6.6
27	16.2	26.5	22.7	69.0	18.4	16.3	0.0	0.0	0.0	5.6
28	17.2	27.5	22.0	72.6	18.6	16.3	0.2	0.0	0.2	5.7
29	17.0	28.0	22.6	65.4	16.9	14.9	0.0	0.0	0.0	9.0
30	17.5	27.0	21.3	74.4	18.6	16.3	0.0	1.5	1.5	5.4
31	17.8	25.5	20.2	81.8	19.3	16.5	0.2	0.0	0.2	4.0
PROM.	16.7	26.7	22.1	69.9	18.0	15.8	14.5	7.0	21.5	237.2

## 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	17.2	26.5	22.7	61.0	15.964	13.8	0.0	0.0	0.0	9.0
2	17.0	27.0	21.6	70.2	17.959	15.8	9.7	0.0	9.7	6.4
3	16.5	29.0	23.7	62.0	17.236	15.1	0.0	0.0	0.0	9.0
4	16.6	25.0	20.8	74.4	17.966	15.8	0.0	0.0	0.0	4.3
5	16.4	24.8	20.0	79.7	18.673	16.4	0.4	0.1	0.5	2.4
6	15.5	26.0	20.2	75.0	17.430	15.3	5.3	0.0	5.3	7.1
7	14.5	24.5	19.0	84.3	18.643	16.4	3.8	0.0	3.8	4.6
8	16.0	25.8	20.9	61.1	14.524	12.5	0.0	0.0	0.0	9.1
9	16.5	27.5	21.3	65.2	15.906	13.9	0.0	0.0	0.0	9.0
10	16.8	26.0	22.8	55.7	14.660	12.6	0.0	0.0	0.0	9.0
11	16.8	27.7	22.2	63.5	16.150	14.2	0.0	0.0	0.0	9.0
12	18.0	28.0	22.2	70.9	18.488	16.2	0.0	0.0	0.0	6.0
13	18.0	25.8	21.8	73.8	18.560	16.2	0.0	0.0	0.0	4.5
14	17.2	28.0	20.8	69.3	16.856	14.9	3.8	0.0	3.8	9.5
15	17.6	29.2	23.8	47.2	12.933	10.7	0.0	0.0	0.0	10.4
16	18.0	29.5	23.3	56.0	15.535	13.5	0.0	0.0	0.0	9.6
17	18.4	27.0	21.2	77.2	19.361	17.0	9.3	0.0	9.3	7.1
18	17.8	28.3	22.1	72.2	18.366	16.1	0.0	0.0	0.0	8.2
19	18.0	29.3	22.4	68.1	17.962	15.7	3.0	0.4	3.4	8.3
20	18.0	27.0	23.4	64.5	17.248	14.8	0.0	0.0	0.0	8.3
21	18.6	24.6	21.3	77.4	19.495	17.1	4.7	0.0	4.7	1.8
22	18.5	29.8	24.2	61.2	17.810	15.6	0.0	0.2	0.2	8.3
23	18.5	29.0	24.4	57.8	16.860	14.7	0.0	0.0	0.0	8.3
24	19.2	28.0	23.3	71.8	19.794	17.3	0.0	0.0	0.0	4.6
25	18.5	28.8	24.7	54.7	15.935	13.7	0.0	0.2	0.2	6.8
26	18.5	31.3	25.3	55.2	16.584	14.3	0.0	0.0	0.0	9.8
27	20.0	29.5	24.2	58.6	17.052	14.9	0.0	2.7	2.7	8.1
28	16.0	27.0	22.1	67.4	16.852	14.7	0.2	0.0	0.2	3.0
PROM	17.5	27.6	22.3	66.3	17.173	15.0	40.2	3.6	43.8	202.3

ESTACION: EL ROSARIO

MUNICIPIO: VENECIA

AÑO: 1.983

ALTITUD: 1.600

LATITUD: 5-56 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	18.6	27.5	23.0	67.8	18.523	16.2	0.0	0.0	0.0	5.9
2	18.5	26.8	22.2	71.3	18.659	16.3	3.0	0.0	3.0	4.0
3	18.0	28.0	22.6	65.9	17.492	15.3	50.0	0.0	50.0	3.5
4	17.4	28.8	20.5	66.3	16.137	14.1	16.2	0.0	16.2	8.6
5	17.5	27.6	22.8	65.4	17.911	15.8	0.0	0.0	0.0	9.9
6	17.5	28.4	22.0	69.7	18.088	15.9	0.0	0.0	0.0	6.2
7	17.4	25.5	20.5	76.6	18.320	16.1	0.6	0.0	0.6	2.3
8	15.0	22.0	19.2	94.8	21.119	18.4	13.0	0.0	13.0	0.0
9	16.0	27.0	20.8	75.9	18.364	16.1	14.8	1.4	16.2	6.6
10	16.0	27.0	20.9	78.2	19.352	16.9	3.8	0.2	4.0	0.6
11	14.5	28.5	22.5	70.3	18.495	16.3	0.0	0.0	0.0	7.8
12	15.0	28.5	22.3	72.7	18.744	16.4	0.0	0.0	0.0	7.3
13	17.0	27.5	22.9	66.9	17.530	15.4	0.0	2.3	2.3	9.5
14	17.5	25.0	21.0	69.5	16.807	14.8	0.1	0.0	0.1	0.6
15	18.4	27.5	22.4	69.4	18.168	15.9	1.1	0.0	1.1	7.4
16	18.6	28.5	22.2	73.3	19.805	17.4	0.3	8.4	8.7	5.8
17	18.0	21.0	19.5	90.0	20.220	17.6	21.5	0.0	21.5	0.0
18	17.0	27.7	22.7	56.0	14.665	12.5	0.0	0.0	0.0	7.1
19	18.5	28.8	23.8	58.1	16.187	14.1	0.0	0.0	0.0	9.9
20	18.5	28.5	23.9	54.2	14.942	12.7	0.0	0.0	0.0	9.4
21	18.5	27.7	23.6	55.7	15.479	13.4	0.0	0.0	0.0	9.5
22	18.5	27.5	24.0	57.0	16.045	13.9	0.0	2.7	2.7	7.7
23	17.0	29.2	24.1	54.8	15.365	13.2	0.0	0.0	0.0	9.0
24	19.2	26.0	21.7	74.1	19.247	16.9	4.2	0.0	4.2	1.4
25	17.4	22.5	18.7	95.9	20.741	18.1	10.6	5.5	16.1	0.9
26	17.5	23.5	18.8	84.3	18.155	15.8	10.2	0.0	10.2	1.1
27	16.5	23.0	19.3	77.8	17.150	15.1	0.0	0.0	0.0	0.8
28	16.6	28.0	20.1	73.0	17.240	15.2	3.2	0.4	3.6	7.1
29	17.6	28.0	20.8	71.6	17.626	15.5	0.0	0.0	0.0	6.3
30	17.0	26.0	22.2	68.6	17.583	15.5	0.0	0.0	0.0	5.8
31	19.0	26.0	22.1	71.0	18.569	16.3	0.0	0.0	0.0	4.8
PROM.	17.4	26.7	21.7	70.8	17.830	15.6	152.6	20.9	173.5	166.8

## 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	17.0	28.0	22.1	64.2	16.670	14.6	0.0	0.0	0.0	8.7
2	16.5	26.6	23.0	64.0	17.191	15.1	0.0	0.0	0.0	7.2
3	19.0	27.0	21.9	68.5	17.775	15.6	0.0	0.0	0.0	5.4
4	18.2	28.5	23.2	68.8	18.795	16.5	0.0	0.0	0.0	2.7
5	18.8	28.0	22.0	73.4	19.321	17.0	0.0	32.8	32.8	4.3
6	17.5	28.0	21.6	75.9	18.915	16.6	0.0	0.2	0.2	2.6
7	17.5	23.6	19.5	91.4	20.681	18.0	1.5	16.5	18.0	0.7
8	16.4	27.0	21.6	71.2	17.067	14.8	0.0	10.8	10.8	4.7
9	17.0	22.4	19.1	92.1	20.641	18.0	0.3	1.6	1.9	0.8
10	16.5	24.0	19.7	80.3	18.350	16.1	0.2	0.5	0.7	2.2
11	17.0	23.5	19.4	86.7	19.562	17.2	0.5	0.0	0.5	0.7
12	17.4	26.8	20.5	79.7	19.019	16.7	1.1	0.0	1.1	4.2
13	17.0	25.5	19.4	84.4	19.100	16.8	13.0	6.0	19.0	4.7
14	16.5	24.5	20.1	81.8	18.772	16.5	0.0	0.0	0.0	3.0
15	17.6	25.0	20.1	83.1	18.737	16.5	26.2	4.2	30.4	6.9
16	17.0	23.5	20.4	82.0	19.170	16.8	0.0	5.9	5.9	2.0
17	17.5	27.0	20.9	80.0	19.425	16.9	3.3	3.4	6.7	4.3
18	17.5	24.5	18.6	89.2	19.337	17.0	32.0	1.1	33.1	1.4
19	16.5	26.5	21.8	76.4	19.726	17.3	0.0	9.8	9.8	5.6
20	16.2	25.6	20.3	85.0	20.412	17.8	4.0	28.2	32.2	6.4
21	16.2	21.5	18.5	88.7	18.880	16.0	5.1	12.6	17.7	0.2
22	16.2	24.6	21.3	80.0	20.077	17.6	0.0	0.0	0.0	6.0
23	18.5	26.5	21.2	77.8	19.670	17.3	0.0	0.0	0.0	5.8
24	17.0	24.0	20.9	82.7	20.084	17.6	0.0	0.0	0.0	1.1
25	17.5	26.0	22.3	66.4	17.918	15.8	0.7	8.4	9.1	8.0
26	17.2	25.0	19.5	82.9	19.075	16.7	29.4	0.0	29.4	4.5
27	17.0	24.0	19.9	82.3	19.455	17.0	0.0	7.4	7.4	2.2
28	15.5	24.0	19.0	90.0	19.505	17.4	1.0	16.9	17.9	4.6
29	16.8	21.4	18.2	96.7	20.140	17.6	20.0	5.3	25.3	1.4
30	15.0	25.5	19.2	84.7	18.827	16.5	1.8	0.8	2.6	6.9
PROM.	17.1	25.3	20.5	80.3	19.090	16.7	140.1	172.4	312.5	119.2

ESTACION: EL ROSARIO

MUNICIPIO: VENECIA

AÑO: 1.983

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	17.5	23.5	19.9	95.0	22.039	19.0	0.1	0.0	0.1	1.6
2	17.5	26.5	20.5	76.5	18.657	16.4	0.0	7.5	7.5	4.9
3	16.6	25.5	20.7	84.0	20.323	17.7	0.0	4.1	4.1	3.6
4	16.8	27.0	20.8	72.9	17.999	15.8	0.0	0.0	0.0	7.5
5	17.0	26.5	21.7	74.9	19.252	16.8	0.0	0.7	0.7	6.0
6	16.0	26.0	21.2	74.6	18.885	16.6	0.0	0.0	0.0	9.0
7	18.0	25.5	21.3	80.9	20.466	17.9	0.0	0.6	0.6	5.9
8	17.5	27.5	20.4	77.1	18.838	16.6	15.2	0.0	15.2	9.1
9	18.2	27.5	22.6	69.8	18.620	16.4	0.0	8.8	8.8	10.0
10	16.6	27.5	21.9	74.1	18.672	16.4	0.0	0.0	0.0	8.8
11	19.0	27.0	22.4	67.1	18.147	15.9	0.0	0.4	0.4	4.9
12	17.5	25.5	20.8	74.3	18.327	16.1	0.0	0.0	0.0	4.6
13	17.6	26.5	20.0	79.4	18.775	16.5	20.9	0.0	20.9	7.3
14	18.0	27.2	20.4	77.6	18.597	16.7	57.2	5.0	62.2	8.0
15	17.5	22.2	18.8	91.7	20.386	17.8	6.7	45.7	52.4	3.5
16	17.0	24.0	19.4	93.9	21.249	18.5	0.0	2.5	2.5	0.2
17	17.0	25.0	20.9	87.8	21.462	18.6	0.0	55.4	55.4	3.1
18	16.5	22.4	19.6	87.3	19.759	17.3	0.0	3.7	3.7	0.3
19	16.4	23.0	19.9	84.1	19.378	17.0	0.0	20.5	20.5	0.8
20	16.0	23.7	19.6	87.7	19.904	17.4	6.4	0.1	6.5	4.7
21	18.0	22.0	19.3	86.6	19.434	17.0	16.4	2.1	18.5	0.6
22	16.5	24.7	20.6	76.4	18.358	16.1	0.0	0.0	0.0	3.8
23	16.5	25.8	20.9	77.2	18.533	16.6	0.0	2.7	2.7	8.4
24	18.0	25.5	21.0	79.0	19.270	16.9	10.8	0.0	10.8	3.7
25	17.8	27.0	20.7	70.9	18.003	15.8	13.3	22.7	36.0	7.7
26	16.6	26.0	21.0	79.6	19.335	17.0	0.0	0.0	0.0	4.6
27	18.4	27.0	22.1	77.4	20.736	18.0	0.0	16.0	16.0	6.1
28	17.5	22.5	20.0	85.9	20.147	17.6	1.4	2.1	3.5	0.0
29	17.0	25.2	19.5	83.1	18.823	16.5	2.8	0.3	3.1	5.1
30	16.8	25.5	21.8	72.1	18.320	16.0	0.0	0.0	0.0	5.9
31	17.6	27.5	22.9	65.8	18.050	15.8	0.0	0.3	0.3	10.9
PROM.	17.3	25.4	20.7	79.5	19.340	16.9	151.4	201.2	352.6	103.1

## M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	24.6	21.0	80.2	19.875	17.3	0.0	0.0	0.0	3.3
2	18.0	27.5	21.8	70.1	18.000	15.8	0.8	2.3	3.1	8.5
3	17.2	23.5	19.5	88.4	20.555	17.5	1.3	46.3	47.6	0.5
4	14.0	23.0	19.4	86.3	19.400	17.0	2.9	15.3	18.2	0.0
5	16.0	25.5	20.6	85.1	20.284	17.7	0.0	0.0	0.0	8.3
6	16.8	27.0	21.1	68.7	16.643	14.5	0.0	0.0	0.0	7.3
7	17.6	27.0	20.9	70.2	17.673	15.5	10.8	11.8	22.6	8.7
8	15.6	22.5	17.9	94.2	19.527	17.1	24.4	0.0	24.4	0.6
9	15.6	25.0	20.6	81.0	19.266	16.9	0.0	0.0	0.0	7.0
10	17.5	26.5	21.3	78.4	19.623	17.2	0.0	2.2	2.2	4.8
11	17.0	25.0	18.7	86.6	19.597	17.2	1.5	0.0	1.5	2.2
12	16.0	26.5	20.2	81.2	18.972	16.6	0.0	1.6	1.6	6.1
13	17.5	26.0	21.0	80.8	19.762	17.3	0.7	0.6	1.3	5.7
14	17.6	27.5	21.9	76.3	19.299	16.9	0.0	0.0	0.0	8.0
15	18.5	27.0	21.8	78.2	20.973	18.2	0.0	0.0	0.0	8.6
16	17.0	27.0	21.1	70.4	17.192	15.1	5.9	0.0	5.9	6.5
17	17.2	23.5	20.2	87.6	20.517	17.9	0.0	0.0	0.0	2.3
18	18.0	27.0	22.5	66.8	17.636	15.4	0.4	0.0	0.4	10.0
19	18.5	27.0	23.2	63.1	17.528	15.4	0.0	0.0	0.0	10.2
20	18.0	25.5	21.3	82.1	20.786	18.0	0.0	0.0	0.0	1.6
21	18.0	28.0	22.8	59.9	16.205	14.1	0.0	0.0	0.0	10.3
22	18.5	27.5	21.8	66.7	17.590	15.4	0.0	0.0	0.0	8.9
23	17.2	27.5	22.2	69.0	17.923	15.7	0.0	0.0	0.0	10.3
24	17.8	27.0	22.1	59.6	15.610	13.6	0.0	0.0	0.0	8.0
25	17.2	27.0	23.1	60.3	16.582	14.5	0.0	2.0	2.0	6.2
26	17.0	27.5	22.0	65.7	16.935	14.9	0.0	0.0	0.0	10.1
27	18.0	27.5	22.4	72.6	19.246	16.9	0.0	0.0	0.0	8.8
28	18.0	27.0	20.0	80.2	19.167	16.8	0.7	0.3	1.0	8.9
29	17.5	25.5	20.5	84.2	20.162	17.6	0.0	0.0	0.0	3.1
30	16.8	27.5	21.7	63.4	16.161	14.1	0.0	0.0	0.0	8.2
PROM.	17.2	26.2	21.2	75.3	18.623	16.3	49.4	82.4	131.8	193.0

ESTACION: EL ROSARIO

MUNICIPIO: VENEZIA

AÑO: 1.983

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	18.0	27.5	22.4	68.1	17.987	15.8	0.0	0.0	0.0	9.8
2	16.5	26.0	19.3	74.9	17.393	15.3	31.3	0.7	32.0	8.3
3	16.0	25.0	21.7	68.6	17.251	15.1	0.0	0.0	0.0	7.8
4	17.5	26.5	22.9	66.6	18.374	16.2	0.0	8.3	8.3	9.5
5	16.0	23.5	19.9	85.3	19.436	17.0	0.0	7.9	7.9	3.2
6	16.5	24.5	19.9	80.8	18.403	16.2	0.0	0.0	0.0	4.4
7	17.0	27.0	22.1	68.5	17.653	15.5	0.0	12.1	12.1	11.1
8	15.4	26.0	20.3	87.5	20.573	17.9	0.6	44.0	44.6	8.9
9	15.0	21.0	18.1	93.4	19.176	16.8	0.2	12.8	13.0	2.0
10	14.5	25.5	20.1	82.1	18.788	16.4	0.0	5.1	5.1	6.7
11	15.6	25.8	20.4	72.7	17.090	15.0	0.0	6.6	6.6	3.6
12	15.2	26.5	21.3	65.5	16.024	14.0	0.0	0.0	0.0	9.1
13	17.6	27.3	23.0	52.4	14.323	12.2	0.0	0.0	0.0	11.0
14	18.0	27.0	22.1	58.0	15.142	13.2	0.0	2.6	2.6	10.4
15	16.8	27.0	19.4	79.0	17.746	15.6	1.3	0.1	1.4	4.9
16	17.0	26.5	21.5	73.7	18.877	16.6	0.0	6.9	6.9	8.7
17	16.0	26.0	21.2	69.2	17.266	15.2	0.0	2.7	2.7	9.9
18	16.6	27.5	23.1	56.7	15.358	13.3	0.0	0.0	0.0	10.1
19	18.5	27.5	23.1	62.7	17.023	14.9	0.0	0.0	0.0	7.1
20	16.5	27.0	22.8	58.5	14.900	12.7	0.0	0.0	0.0	9.6
21	18.0	27.5	22.6	57.6	15.560	13.5	0.0	0.0	0.0	6.8
22	16.5	25.3	19.8	76.9	18.208	16.0	0.6	57.7	58.3	1.7
23	15.5	21.6	18.6	91.6	19.681	17.2	0.3	0.0	0.3	0.6
24	15.5	25.5	20.5	73.5	16.861	14.8	0.0	0.0	0.0	8.7
25	16.5	25.5	22.3	47.7	12.382	9.6	0.0	0.0	0.0	11.7
26	16.4	25.5	22.0	56.2	14.398	12.4	0.0	0.0	0.0	8.6
27	16.6	25.5	20.7	76.3	18.556	16.1	0.0	0.6	0.6	4.1
28	17.8	26.5	21.2	70.6	17.527	15.4	0.0	0.0	0.0	7.1
29	17.6	26.5	22.2	68.4	17.447	15.3	0.0	0.0	0.0	8.7
30	17.5	25.5	19.9	76.8	18.590	16.3	3.1	0.0	3.1	3.3
31	17.0	25.0	20.9	82.7	19.683	17.3	8.1	24.0	32.1	3.6
PROM.	16.6	25.8	21.1	71.1	17.344	15.1	45.5	192.1	237.6	221.0

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	24.3	19.3	86.2	19.110	16.7	0.0	6.1	6.1	3.8
2	16.0	24.5	19.2	84.6	18.965	16.6	8.4	0.7	9.1	7.3
3	16.5	25.6	19.3	79.7	17.795	15.6	9.1	0.2	9.3	6.9
4	16.2	24.8	20.8	78.3	16.705	16.4	0.0	9.1	9.1	5.4
5	16.0	24.0	19.0	85.7	18.862	16.5	2.6	0.0	2.6	2.5
6	16.5	24.8	19.6	82.7	18.859	16.6	0.7	18.4	19.1	5.0
7	15.0	25.3	20.7	75.3	17.393	15.2	0.0	0.0	0.0	7.9
8	16.0	25.5	21.0	63.6	15.297	13.3	0.0	0.0	0.0	7.5
9	17.0	26.8	22.8	59.5	15.850	13.8	0.0	0.0	0.0	9.2
10	18.6	27.0	22.9	49.3	13.453	11.3	0.0	0.0	0.0	9.6
11	17.5	27.0	22.7	50.9	13.704	11.6	0.0	2.3	2.3	9.7
12	17.0	26.6	21.5	69.6	17.626	15.5	0.0	1.0	1.0	8.7
13	16.6	26.8	21.5	72.8	18.044	15.8	0.0	11.5	11.5	8.7
14	17.0	27.6	22.5	66.8	17.779	15.6	0.0	0.0	0.0	8.6
15	17.5	27.9	22.8	51.1	13.867	11.8	0.0	0.0	0.0	9.5
16	16.5	26.5	23.0	58.4	16.100	14.1	0.0	0.0	0.0	9.7
17	19.0	28.5	23.1	59.1	16.307	14.1	5.8	0.0	5.8	7.7
18	18.0	26.5	22.3	63.0	16.718	14.7	0.1	0.0	0.1	8.7
19	16.5	26.5	21.5	69.9	17.199	15.1	0.0	0.0	0.0	5.0
20	17.5	26.0	21.2	73.2	18.231	16.0	1.1	0.3	1.4	9.1
21	17.0	26.8	19.6	77.1	17.648	15.5	3.9	0.0	3.9	7.4
22	18.0	26.6	22.9	58.9	16.233	14.2	0.0	0.0	0.0	9.0
23	19.0	25.0	21.3	66.6	17.068	15.0	0.0	6.0	6.0	4.6
24	16.3	24.5	20.3	78.8	18.194	16.0	0.0	1.9	1.9	3.2
25	16.5	25.5	21.2	73.1	18.268	16.0	0.0	0.0	0.0	6.6
26	16.5	24.5	21.0	74.6	18.224	16.0	0.0	0.0	0.0	3.1
27	17.5	25.5	21.2	71.2	17.776	15.6	0.0	0.0	0.0	5.9
28	17.0	23.0	18.3	93.2	19.687	17.2	0.0	5.4	5.4	1.8
29	16.0	24.0	19.7	75.3	16.014	15.9	18.3	9.0	27.3	3.6
30	16.0	24.8	20.8	75.1	17.753	15.6	0.0	0.0	0.0	6.2
31	16.5	27.5	22.4	63.5	16.812	14.8	0.0	20.0	20.0	10.0
PROM.	16.9	25.9	21.1	70.7	17.277	15.1	50.0	91.9	141.9	213.0

ESTACION: EL ROSARIO  
 ALTITUD: 1.600

MUNICIPIO: VENEZIA  
 LATITUD: 5-56 N.

AÑO: 1.963  
 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	15.5	26.8	21.1	64.9	16.057	14.0	0.0	16.5	16.5	9.1
2	15.5	26.8	20.9	67.1	16.468	14.4	2.2	0.0	2.2	8.0
3	17.0	25.3	21.3	75.7	18.734	16.4	0.0	0.0	0.0	4.3
4	17.0	26.5	20.8	72.0	17.394	15.3	0.0	8.1	8.1	9.5
5	15.5	25.8	19.4	76.5	17.341	15.2	1.5	6.1	7.6	6.9
6	15.5	25.0	17.8	80.0	16.479	14.4	20.8	5.9	26.7	2.5
7	16.3	23.5	19.6	82.0	18.334	16.1	0.3	0.0	0.3	2.1
8	16.4	24.5	19.9	74.9	17.181	15.1	0.1	4.1	4.2	3.6
9	15.2	25.6	20.3	70.6	16.600	14.6	0.0	0.4	0.4	8.7
10	16.0	23.5	19.0	83.4	18.380	16.1	14.7	8.3	23.0	2.3
11	14.5	24.6	17.9	85.2	17.266	15.1	8.3	0.7	9.0	5.0
12	15.2	25.8	20.9	72.9	17.233	15.1	0.0	0.0	0.0	9.9
13	16.5	25.6	20.5	68.4	16.335	14.2	0.3	0.3	0.6	7.0
14	15.2	25.4	20.2	72.6	16.620	14.6	0.0	0.2	0.2	5.4
15	16.5	26.3	20.4	83.6	19.792	17.3	3.6	2.1	5.7	5.3
16	16.0	24.4	19.7	82.8	18.688	16.4	0.4	42.9	43.3	2.3
17	14.0	24.0	19.5	77.7	17.371	15.3	0.0	25.3	25.3	3.2
18	15.0	25.0	20.5	70.2	16.106	14.1	0.0	1.5	1.5	8.8
19	15.6	26.6	21.3	68.9	16.774	14.7	0.0	5.7	5.7	9.0
20	15.6	25.4	20.0	72.5	16.491	14.5	0.0	33.2	33.2	7.1
21	15.0	24.6	19.0	84.5	18.122	15.9	0.0	14.6	14.6	5.0
22	15.0	24.6	19.5	72.8	15.916	13.9	0.0	0.0	0.0	6.2
23	16.2	26.4	22.0	65.6	16.527	14.5	0.0	1.0	1.0	7.7
24	16.0	26.5	20.9	70.8	17.167	15.1	0.0	0.0	0.0	8.1
25	17.0	27.5	23.2	68.2	18.952	16.6	0.0	0.0	0.0	10.2
26	17.6	27.4	21.8	72.5	18.605	16.4	0.0	0.0	0.0	10.7
27	18.0	27.9	23.2	67.3	18.508	16.3	0.0	4.0	4.0	7.9
28	17.0	25.4	20.5	65.2	15.620	13.4	0.0	0.4	0.4	2.0
29	17.0	26.8	21.3	70.4	17.087	14.9	0.0	0.0	0.0	8.3
30	16.0	26.9	22.0	68.5	17.642	15.5	0.0	0.0	0.0	7.3
PROM.	16.0	25.7	20.5	73.6	17.326	15.2	52.2	181.3	233.5	193.4

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	26.8	18.9	86.8	19.432	17.0	23.4	0.0	23.4	7.5
2	17.0	26.0	19.4	74.6	17.187	15.1	6.2	0.0	6.2	6.4
3	15.6	25.6	20.4	73.7	17.213	14.8	1.0	28.9	29.9	5.3
4	15.2	25.6	20.0	72.6	16.510	14.5	0.4	0.0	0.4	7.0
5	17.0	25.8	21.3	74.8	18.766	16.5	0.0	0.0	0.0	7.5
6	17.5	27.9	21.9	61.4	15.759	13.7	0.0	0.0	0.0	7.1
7	17.4	25.0	20.9	58.1	13.862	11.7	0.0	0.0	0.0	1.3
8	15.5	26.6	19.1	70.2	16.129	14.1	24.4	0.5	24.9	8.4
9	16.0	25.5	20.4	71.6	16.931	14.8	0.0	17.0	17.0	6.6
10	15.0	24.1	19.5	81.3	18.150	16.0	0.8	0.0	0.8	3.8
11	17.5	24.9	20.4	75.9	18.170	16.0	0.3	6.3	6.6	3.2
12	14.6	25.6	19.7	72.8	16.077	13.9	0.3	36.1	36.4	3.7
13	14.3	24.5	19.3	80.8	17.662	15.5	0.0	15.2	15.2	2.3
14	15.2	21.6	16.9	93.1	18.046	15.9	10.0	0.0	10.0	0.3
15	14.5	21.5	16.7	97.5	18.665	16.4	18.0	0.5	18.5	0.6
16	14.0	22.0	17.8	95.0	15.613	17.2	0.0	0.0	0.0	2.4
17	14.6	25.0	19.8	73.3	16.403	14.3	0.0	0.0	0.0	7.1
18	16.0	24.8	20.0	77.0	17.658	15.5	0.0	0.8	0.8	6.7
19	16.0	22.0	17.4	97.0	15.751	17.3	40.3	0.0	40.3	0.1
20	14.5	22.9	19.0	86.3	18.731	16.4	0.0	7.8	7.8	4.7
21	15.0	24.5	19.2	81.7	18.348	16.0	0.2	65.9	66.1	4.1
22	13.0	24.6	18.1	83.7	17.284	15.2	1.2	4.7	5.9	5.5
23	14.6	25.5	19.2	76.7	16.788	14.8	0.0	0.2	0.2	5.5
24	16.8	26.5	21.4	69.0	17.242	15.2	0.0	6.7	6.7	9.5
25	17.4	24.5	19.6	81.8	18.739	16.5	0.6	1.2	1.8	3.4
26	16.0	24.0	18.7	88.0	18.702	16.4	0.8	0.0	0.8	3.1
27	16.0	23.3	18.7	87.9	18.616	16.4	2.2	0.0	2.2	2.5
28	17.2	25.0	19.6	81.0	18.307	16.1	1.0	70.0	71.0	2.8
29	14.5	23.6	18.5	87.7	18.695	16.4	3.0	0.0	3.0	2.0
30	15.5	20.6	17.4	93.6	18.717	16.5	2.0	6.4	8.4	0.0
31	15.5	23.8	18.8	82.0	17.654	15.5	0.0	0.0	0.0	5.3
PROM.	15.7	24.5	19.3	80.2	17.737	15.5	136.1	268.0	404.1	135.7

ESTACION: EL ROSARIO

MUNICIPIO: VENECIA

AÑO: 1.983

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	15.6	25.5	21.2	69.3	16.693	14.6	0.0	0.0	0.0	9.9
2	16.6	23.5	19.5	89.1	19.887	17.4	1.1	0.1	1.2	5.2
3	17.0	24.0	20.1	78.3	18.230	16.0	0.0	2.9	2.9	2.5
4	16.4	25.0	20.1	76.3	17.438	15.3	0.0	0.0	0.0	5.7
5	17.5	24.5	20.4	82.0	19.449	17.1	0.0	0.0	0.0	6.9
6	17.0	24.6	20.0	84.7	19.371	17.0	0.2	0.8	1.0	5.1
7	16.8	26.5	21.5	74.5	18.471	16.2	0.2	0.0	0.2	8.5
8	17.5	24.0	19.9	87.9	20.784	18.1	0.0	0.0	0.0	0.0
9	16.2	26.5	21.0	73.4	17.845	15.7	0.0	0.0	0.0	5.7
10	16.6	25.5	18.8	85.8	19.000	16.7	0.5	1.1	1.6	7.7
11	15.5	24.0	18.3	75.2	15.778	13.7	0.8	0.2	1.0	0.7
12	15.0	24.4	19.7	76.0	17.063	15.0	0.0	0.0	0.0	6.7
13	16.6	25.0	20.2	73.4	17.075	15.0	0.0	5.3	5.3	5.5
14	14.8	25.1	19.7	83.7	19.226	16.9	11.3	0.2	11.5	7.1
15	15.6	26.0	20.3	66.5	15.673	13.7	0.0	0.0	0.0	6.3
16	15.0	26.2	20.5	68.4	16.052	14.1	0.0	1.0	1.0	8.0
17	16.6	25.5	19.1	79.1	17.835	15.7	1.1	18.6	19.7	7.6
18	15.2	26.0	21.5	71.1	17.508	15.4	0.0	0.0	0.0	10.3
19	17.5	26.0	21.2	80.7	19.921	17.4	0.0	0.0	0.0	6.6
20	17.5	25.8	21.4	74.6	18.721	16.4	0.5	0.0	0.5	6.5
21	16.5	25.0	20.9	76.6	18.978	16.7	0.5	2.5	2.5	1.2
22	16.6	24.5	19.8	88.7	20.216	17.7	0.0	0.0	0.0	4.6
23	16.8	25.5	20.7	69.5	16.683	14.7	3.1	26.4	29.5	5.9
24	17.0	24.5	20.0	83.9	19.799	17.3	0.0	0.0	0.0	4.2
25	16.4	26.0	21.1	73.1	18.131	15.9	0.0	0.0	0.0	8.5
26	17.0	24.5	20.0	84.9	19.730	17.3	0.0	0.0	0.0	3.5
27	16.0	24.2	19.4	83.0	18.761	16.5	23.7	4.5	28.2	4.4
28	15.8	23.0	17.8	89.6	18.419	16.2	33.9	0.0	33.9	0.4
29	16.2	21.5	17.7	89.8	18.331	16.1	13.8	3.6	17.4	0.4
30	15.6	20.5	17.0	86.2	16.688	14.6	3.5	0.3	3.8	0.4
PROM.	16.4	24.8	20.0	79.2	18.260	16.0	93.7	67.5	161.2	156.0

## M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	22.6	18.2	73.4	14.966	12.9	1.3	0.0	1.3	6.3
2	15.5	25.0	19.6	72.5	16.324	14.4	0.0	8.1	8.1	9.0
3	16.0	23.0	19.0	82.8	17.864	15.7	0.0	4.5	4.5	3.6
4	15.5	21.5	18.1	89.7	18.541	16.3	3.3	5.3	8.6	2.8
5	15.5	20.5	17.6	93.6	18.585	16.3	0.3	0.0	0.3	0.2
6	15.6	25.0	20.1	71.2	16.371	14.3	0.0	3.6	3.6	6.1
7	15.0	23.0	18.1	79.0	16.245	14.1	0.8	3.8	4.6	4.0
8	14.5	24.0	17.9	77.8	15.772	13.7	0.0	13.2	13.2	9.5
9	14.6	23.5	17.9	86.1	17.649	15.5	3.9	34.9	38.8	3.1
10	14.5	23.0	18.0	84.8	17.238	15.1	9.9	0.0	9.9	3.2
11	15.5	23.0	19.4	78.9	17.566	15.4	7.0	28.8	35.8	2.1
12	14.8	22.5	18.0	82.9	16.823	14.8	10.5	0.0	10.5	4.9
13	14.5	24.0	19.3	70.8	15.222	13.2	0.0	0.2	0.2	8.7
14	16.4	23.0	19.5	73.8	16.535	14.5	0.0	0.0	0.0	4.9
15	16.2	24.0	20.4	74.9	17.842	15.7	12.7	0.5	13.2	6.1
16	16.4	23.5	19.2	85.8	18.855	16.5	12.8	13.0	25.8	2.0
17	15.0	22.0	17.5	92.2	18.383	16.2	6.4	0.1	6.5	1.9
18	16.0	24.0	18.8	79.7	16.969	14.9	2.8	4.8	7.6	2.9
19	14.8	25.0	19.6	80.5	17.977	15.8	0.0	8.7	8.7	7.6
20	15.0	24.8	18.7	78.8	16.699	14.6	0.1	0.0	0.1	5.5
21	15.0	24.5	19.9	76.6	17.396	15.3	0.0	0.0	0.0	5.4
22	15.0	24.5	20.5	79.4	19.098	16.8	0.0	0.0	0.0	5.8
23	16.2	23.5	19.4	83.2	18.700	16.4	0.0	0.0	0.0	3.1
24	16.5	24.5	20.7	75.3	17.816	15.7	0.0	0.0	0.0	6.3
25	17.0	26.0	21.1	77.7	19.276	16.9	0.0	0.0	0.0	6.7
26	17.6	25.0	20.5	72.6	17.162	14.9	0.0	37.9	37.9	2.2
27	15.6	24.5	20.3	74.8	17.598	15.4	0.0	2.1	2.1	9.0
28	16.0	25.5	21.1	72.9	17.614	15.5	0.0	0.0	0.0	9.3
29	16.6	24.0	19.7	81.5	18.536	16.3	0.0	19.6	19.6	0.5
30	15.5	23.5	18.5	93.4	19.818	17.3	0.0	28.9	28.9	0.3
31	14.5	22.0	17.7	86.6	17.314	15.2	0.6	0.0	0.6	1.2
PROM.	15.5	23.7	19.2	80.1	17.508	15.3	72.4	218.0	290.4	144.2

ESTACION: **EL ROSARIO**MUNICIPIO **VENEZIA**AÑO: **1.983**ALTITUD: **1.600**LATITUD: **5-56 N.**LONGITUD: **75-43 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 Hluvias	
ENERO	16.7	26.7	22.1	15.4	29.0	69.9	18.010	15.8	21.5	11	237.2
FEBRERO	17.5	27.6	22.3	14.5	31.3	66.3	17.173	15.0	43.8	12	202.3
MARZO	17.4	26.7	21.7	14.5	29.2	70.8	17.830	15.6	173.5	17	166.8
ABRIL	17.1	25.3	20.5	15.0	28.5	80.3	15.090	16.7	312.5	22	119.2
MAYO	17.3	25.4	20.7	16.0	27.5	79.5	15.340	16.9	352.6	24	163.1
JUNIO	17.2	26.2	21.2	14.0	28.0	75.3	18.623	16.3	131.8	13	193.0
JULIO	16.6	25.8	21.1	14.5	27.5	71.1	17.344	15.1	237.6	17	221.0
AGOSTO	16.9	25.9	21.1	15.0	28.5	70.7	17.277	15.1	141.9	18	213.0
SEPTIEMBRE	16.0	25.7	20.5	14.0	27.9	73.6	17.326	15.2	233.5	22	193.4
OCTUBRE	15.7	24.5	19.3	13.0	27.9	80.2	17.737	15.5	404.1	24	135.7
NOVIEMBRE	16.4	24.8	20.0	14.8	26.5	79.2	18.260	16.0	161.2	17	156.0
DICIEMBRE	15.5	23.7	19.2	14.5	26.0	80.1	17.508	15.3	290.4	24	144.2
PROMEDIO	16.7	25.7	20.8	14.6	28.2	74.8	17.960	15.7			
TOTAL									2504.4	221	2144.9

ESTACION: MIGUEL VALENCIA

MUNICIPIO: JARDIN

AÑO: 1.983

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	16.1	27.2	20.0	75.9	17.299	15.2	0.0	0.0	0.0	9.2
2	16.3	26.0	20.1	80.3	18.583	16.3	0.0	15.5	15.5	4.3
3	15.0	26.5	18.4	75.2	15.438	13.4	0.0	0.0	0.0	7.2
4	14.7	26.0	18.6	78.7	16.673	14.6	0.0	0.0	0.0	4.4
5	15.4	25.0	19.7	74.9	16.619	14.5	0.0	0.0	0.0	3.2
6	15.4	25.4	19.3	80.6	17.826	15.6	0.0	0.0	0.0	1.4
7	15.1	26.4	19.9	77.7	17.554	15.4	0.0	0.0	0.0	6.1
8	16.0	24.5	19.5	82.2	18.547	16.3	0.0	0.0	0.0	0.0
9	16.0	28.0	20.4	73.3	16.610	14.4	0.0	0.0	0.0	8.1
10	14.6	26.3	19.7	80.0	17.619	15.3	3.3	0.0	3.3	5.6
11	15.4	27.2	20.0	76.2	17.659	15.5	0.0	0.0	0.0	5.8
12	14.0	25.5	19.9	78.7	17.763	15.6	0.0	1.2	1.2	4.4
13	16.4	26.3	19.8	80.4	18.323	16.1	0.0	0.0	0.0	8.2
14	15.3	27.0	19.6	76.0	16.760	14.6	0.0	0.0	0.0	7.8
15	15.1	27.3	20.0	77.9	17.761	15.6	0.0	0.0	0.0	9.8
16	15.4	26.4	19.6	81.2	18.504	16.2	3.0	0.0	3.0	7.0
17	15.1	26.8	19.9	78.1	17.940	15.8	0.0	0.0	0.0	7.4
18	14.3	27.4	20.5	77.4	17.980	15.7	0.0	0.0	0.0	7.6
19	15.0	28.0	21.5	72.6	17.834	15.6	0.0	0.0	0.0	8.6
20	15.6	26.0	19.7	82.4	18.592	16.3	0.0	0.0	0.0	4.8
21	14.3	26.4	19.9	80.3	18.017	15.7	0.0	0.0	0.0	6.7
22	15.0	28.0	19.8	76.9	17.216	15.1	0.0	0.0	0.0	9.0
23	14.6	28.0	20.3	77.0	17.891	15.7	0.0	0.0	0.0	9.5
24	12.4	27.5	19.5	75.5	16.203	14.1	0.0	0.0	0.0	8.2
25	14.7	28.3	20.4	75.4	17.385	15.2	0.0	0.0	0.0	7.9
26	16.6	28.5	20.7	77.1	18.368	16.1	0.0	0.0	0.0	6.4
27	17.1	27.5	21.4	75.9	18.664	16.3	0.0	0.0	0.0	6.2
28	16.1	27.5	20.6	75.0	17.752	15.6	0.0	0.0	0.0	6.8
29	17.4	28.5	21.2	73.8	18.066	15.8	0.0	0.0	0.0	6.7
30	14.3	28.5	20.6	73.2	16.768	14.6	0.0	9.9	9.9	7.8
31	16.0	28.1	19.9	83.8	19.407	17.0	8.2	0.0	8.2	7.0
PROM.	15.3	27.0	20.0	77.5	17.666	15.5	14.5	26.6	41.1	203.1

## 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	16.3	27.4	20.9	78.1	18.735	16.3	0.0	0.0	0.0	6.5
2	16.5	28.1	20.4	77.4	18.040	15.6	0.9	0.0	0.9	7.6
3	17.0	29.3	21.2	72.3	17.757	15.5	0.0	0.0	0.0	9.1
4	14.5	26.3	19.1	73.5	15.984	13.9	0.0	0.0	0.0	3.2
5	16.5	25.4	19.8	80.1	18.592	16.3	0.0	3.8	3.8	1.9
6	15.6	26.1	19.8	80.8	18.327	16.1	4.5	2.7	7.2	5.8
7	16.4	26.1	20.7	73.2	16.979	14.6	2.5	5.5	8.0	4.5
8	12.2	26.0	20.5	72.7	17.353	15.2	0.0	0.0	0.0	8.5
9	14.4	27.1	19.3	77.4	17.084	15.0	0.0	0.0	0.0	9.1
10	14.5	27.1	19.8	76.5	17.327	15.2	0.0	0.0	0.0	9.0
11	16.4	27.6	20.8	75.7	18.106	15.9	0.0	0.3	0.3	7.4
12	16.3	27.1	19.6	81.8	18.263	16.0	0.0	0.0	0.0	4.8
13	15.5	26.1	19.5	79.8	17.882	15.7	0.0	0.0	0.0	4.6
14	15.1	27.1	20.7	71.0	16.518	14.3	0.0	0.0	0.0	7.6
15	13.6	29.0	19.7	61.4	12.709	10.2	0.0	0.0	0.0	8.9
16	12.2	29.1	20.3	71.6	15.605	13.3	0.0	0.0	0.0	7.0
17	14.5	26.1	19.7	77.7	17.125	15.0	0.0	0.0	0.0	4.6
18	15.5	26.7	20.6	73.5	17.246	15.1	0.0	0.0	0.0	5.6
19	15.5	29.1	20.3	78.0	17.803	15.6	0.4	1.2	1.6	6.2
20	15.0	27.1	19.9	76.3	17.477	15.3	0.1	0.0	0.1	7.3
21	14.5	25.0	19.3	79.0	17.236	15.1	0.0	0.0	0.0	1.9
22	14.5	31.1	21.5	68.6	16.267	14.2	0.4	8.9	9.3	7.4
23	14.4	29.1	21.0	76.2	17.987	15.7	0.0	0.0	0.0	5.2
24	16.0	27.4	21.2	70.6	17.054	14.9	0.0	0.0	0.0	8.5
25	15.5	28.0	20.2	73.7	16.896	14.8	0.0	2.5	2.5	4.8
26	16.0	29.4	21.4	76.7	18.624	16.1	0.5	0.0	0.5	7.9
27	15.6	28.3	21.7	68.4	16.801	14.6	0.0	0.5	0.5	5.5
28	17.5	26.4	21.2	76.9	18.730	16.3	0.0	0.0	0.0	3.4
PROM.	15.3	27.5	20.4	75.0	17.304	15.1	9.3	25.4	34.7	173.8

ESTACION: MIGUEL VALENCIA

MUNICIPIO: JARDIN

AÑO: 1.983

ALTITUD: 1.570

LATITUD: 5-32 N.

LONGITUD: 75-51 W.

## M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.6	28.5	21.2	74.1	17.812	15.4	0.0	3.0	3.0	1.4
2	17.3	26.0	21.9	74.1	18.705	16.1	0.0	0.0	0.0	6.5
3	16.6	26.5	21.2	83.1	20.422	17.7	0.0	0.0	0.0	2.4
4	15.6	26.6	20.3	73.7	17.149	15.0	15.0	0.0	15.0	5.7
5	14.1	27.2	18.7	77.9	16.349	14.0	0.0	0.1	0.1	6.8
6	15.3	27.3	20.9	77.1	18.280	15.9	1.0	22.2	23.2	5.0
7	16.4	25.3	20.2	80.3	18.520	16.2	7.8	0.0	7.8	1.1
8	16.0	22.0	18.8	91.1	19.857	17.4	2.2	0.0	2.2	0.1
9	14.4	26.3	21.4	69.8	16.989	14.8	0.0	3.6	3.6	3.9
10	16.1	24.3	19.4	81.4	18.075	15.8	0.0	0.0	0.0	0.0
11	16.6	28.3	21.3	76.1	18.776	16.4	0.0	0.0	0.0	6.3
12	16.0	26.0	20.2	75.6	17.112	14.8	0.0	0.0	0.0	1.2
13	15.3	27.3	20.5	77.8	18.262	15.9	4.9	0.1	5.0	0.2
14	15.3	24.3	18.4	84.8	17.961	15.8	20.6	0.1	20.7	0.0
15	14.4	27.0	21.0	74.1	17.601	15.4	0.0	4.9	4.9	0.0
16	15.3	27.4	21.1	78.5	18.974	16.5	0.8	1.2	2.0	1.1
17	16.3	24.2	18.6	88.3	19.248	16.9	29.8	0.0	29.8	1.5
18	15.3	26.3	20.6	78.0	18.367	16.0	0.0	0.0	0.0	6.0
19	15.4	28.3	20.9	72.5	17.503	15.4	0.0	0.0	0.0	8.4
20	15.0	27.2	19.7	76.5	17.138	15.0	0.0	0.0	0.0	2.6
21	13.0	28.3	21.1	66.0	15.115	13.0	0.0	0.0	0.0	5.1
22	14.3	26.4	21.0	75.6	16.006	15.7	0.0	12.9	12.9	3.4
23	14.0	27.6	20.9	75.9	17.692	15.4	0.0	0.0	0.0	8.5
24	16.4	27.1	20.5	77.4	18.448	16.1	2.8	22.9	25.7	2.3
25	16.2	23.0	18.4	92.5	19.579	17.2	6.7	0.1	6.8	0.9
26	16.4	22.3	17.8	97.2	19.631	17.4	14.4	56.6	71.0	1.0
27	15.0	25.3	19.3	80.6	17.620	15.4	9.0	0.5	9.5	3.5
28	14.3	23.3	19.1	84.6	18.412	16.2	1.1	0.0	1.1	0.0
29	16.3	26.3	21.0	77.3	18.807	16.5	0.0	0.9	0.9	5.3
30	14.2	26.6	20.2	76.7	17.513	15.3	0.0	0.0	0.0	6.5
31	15.3	26.0	19.6	82.1	18.407	16.1	1.8	21.9	23.7	6.4
PROM.	15.4	26.1	20.2	79.1	18.146	15.8	117.9	151.0	268.9	103.1

## 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	13.6	25.4	19.1	81.5	17.977	15.7	1.6	0.0	1.6	5.5
2	15.3	24.8	20.1	82.0	19.050	16.7	0.0	0.0	0.0	4.4
3	15.3	22.0	18.9	90.8	19.783	17.3	0.0	2.1	2.1	2.6
4	15.0	25.3	19.7	80.4	18.024	15.8	0.0	0.0	0.0	2.0
5	15.5	23.0	19.0	81.5	17.644	15.4	5.1	3.4	8.5	3.2
6	14.3	25.3	20.0	80.3	18.406	16.1	0.0	1.4	1.4	1.2
7	15.3	26.3	19.8	76.8	17.319	15.0	0.3	0.0	0.3	0.1
8	15.3	24.4	20.2	77.6	17.878	15.7	0.0	0.0	0.0	8.1
9	15.6	21.3	18.0	84.6	17.577	15.4	2.7	0.2	2.9	1.1
10	14.0	25.0	19.5	81.3	18.349	16.1	0.6	2.4	3.0	1.7
11	15.0	23.6	18.4	88.5	18.988	16.7	3.4	0.0	3.4	0.6
12	14.2	26.6	19.4	81.5	17.769	15.5	4.5	1.7	6.2	7.4
13	16.6	25.0	19.2	85.3	18.922	16.6	8.7	0.2	8.9	1.2
14	16.7	23.2	19.4	88.1	19.739	17.3	2.5	0.0	2.5	1.9
15	16.4	26.0	19.9	90.5	21.032	18.3	1.2	27.0	28.2	6.1
16	15.5	24.4	19.9	83.3	19.205	16.9	0.0	0.0	0.0	2.5
17	16.3	25.6	20.4	83.0	19.740	17.2	1.1	6.6	7.7	3.9
18	17.1	23.4	18.7	90.0	19.469	17.1	5.2	3.0	8.2	0.0
19	15.5	26.3	19.8	81.7	18.569	16.2	0.2	12.6	12.8	6.7
20	16.5	26.8	20.8	81.1	19.421	16.9	17.1	28.9	46.0	6.9
21	15.4	22.3	18.6	90.9	19.537	17.1	0.0	10.0	10.0	0.3
22	15.3	25.6	19.8	81.9	18.950	16.6	0.0	0.0	0.0	7.3
23	15.3	26.4	21.8	73.9	18.805	16.5	0.0	0.0	0.0	7.2
24	16.6	25.6	20.5	78.4	18.860	16.5	0.0	0.0	0.0	3.3
25	15.0	25.6	19.6	83.0	18.810	16.5	6.8	0.8	7.6	3.9
26	16.4	25.0	19.1	82.7	18.381	16.1	3.6	0.0	3.6	2.6
27	16.8	26.4	20.6	80.7	19.376	17.0	0.0	21.3	21.3	4.2
28	15.3	25.4	19.3	79.0	17.462	15.3	1.2	3.1	4.3	1.5
29	14.3	26.3	19.2	81.1	17.482	15.3	9.2	18.1	27.3	4.8
30	15.3	26.3	19.7	76.7	17.470	15.3	0.0	6.1	6.1	4.4
PROM.	15.5	25.0	19.6	82.6	18.668	16.3	75.0	148.9	223.9	107.0

ESTACION: MIGUEL VALENCIA

MUNICIPIO: JARDIN

AÑO: 1.983

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	24.0	18.7	85.2	18.715	16.4	0.2	0.0	0.2	0.0
2	14.4	26.2	20.0	79.1	17.870	15.4	0.4	4.3	4.7	0.0
3	15.1	25.3	18.7	82.5	17.569	15.4	6.3	2.9	9.2	0.0
4	14.4	26.3	20.1	78.0	17.762	15.6	0.0	0.0	0.0	4.9
5	17.0	25.4	20.2	81.9	19.455	17.0	2.6	0.0	2.6	5.8
6	16.3	25.4	20.2	87.0	20.527	17.9	5.7	0.4	6.1	7.7
7	17.1	24.6	19.9	84.9	19.719	17.2	4.3	0.1	4.4	4.2
8	14.4	27.4	19.2	79.0	17.328	15.1	1.6	0.0	1.6	5.9
9	15.2	27.1	19.9	77.3	17.536	15.4	0.3	18.7	19.0	8.9
10	15.0	27.3	20.9	76.0	18.279	16.1	0.0	0.0	0.0	9.3
11	16.0	27.3	21.4	74.7	18.796	16.5	0.0	3.7	3.7	6.5
12	16.3	26.2	20.3	79.2	19.073	16.7	8.9	0.0	8.9	5.3
13	14.3	25.0	19.4	82.9	18.484	16.2	5.7	0.0	5.7	3.7
14	14.4	25.4	18.8	81.1	17.602	15.5	5.9	0.0	5.9	5.1
15	16.0	23.3	18.6	88.7	19.065	16.7	30.7	7.4	38.1	0.7
16	16.2	21.0	18.6	91.7	19.729	17.3	3.4	0.0	3.4	0.0
17	15.3	25.0	19.0	83.5	18.256	16.1	1.4	1.8	3.2	4.6
18	16.3	24.4	18.6	93.2	20.054	17.6	4.5	11.6	16.1	1.9
19	14.6	25.6	19.2	83.3	18.271	16.1	4.8	1.1	5.9	3.7
20	15.6	25.0	20.1	82.9	19.174	16.7	0.2	6.8	7.0	4.7
21	15.6	24.8	19.7	83.9	18.855	16.5	8.8	14.0	22.8	4.6
22	13.0	26.0	20.0	72.7	16.926	14.8	4.0	0.2	4.2	6.0
23	14.0	26.3	20.0	81.7	18.643	16.3	0.2	2.4	2.6	6.3
24	17.0	25.6	20.3	84.1	19.937	17.4	1.2	0.0	1.2	4.2
25	15.5	26.4	20.5	77.8	18.544	16.2	0.0	2.1	2.1	5.7
26	14.4	26.6	19.8	81.1	18.299	16.0	2.9	3.6	6.5	7.0
27	16.1	26.3	20.5	80.1	19.019	16.6	0.0	13.0	13.0	5.1
28	16.3	22.0	18.8	94.6	20.631	18.0	7.8	6.9	14.7	0.7
29	16.0	23.0	19.3	86.5	19.410	17.0	8.3	0.4	8.7	4.7
30	16.0	25.6	20.6	80.7	19.363	17.0	0.1	0.0	0.1	5.4
31	15.3	26.4	20.6	74.4	17.756	15.6	0.0	0.5	0.5	8.6
PROM.	15.4	25.4	19.7	82.2	18.732	16.4	120.2	101.9	222.1	141.2

## 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	16.4	25.4	20.8	80.8	19.462	17.0	0.0	0.0	0.0	2.7
2	16.0	24.4	19.9	80.5	18.666	16.4	18.6	16.1	34.7	6.9
3	15.2	24.7	19.4	85.0	18.994	16.7	1.5	0.8	2.3	3.0
4	16.0	24.0	19.3	84.3	18.738	16.4	0.0	22.5	22.5	4.4
5	15.1	25.1	19.1	78.9	17.225	15.1	0.0	3.5	3.5	4.8
6	15.6	25.4	19.6	78.1	17.455	15.2	2.5	0.1	2.6	6.1
7	15.1	26.0	19.6	76.1	17.029	14.8	0.0	6.6	6.6	7.4
8	16.4	23.0	18.8	86.8	18.871	16.6	7.9	0.0	7.9	0.5
9	13.6	26.0	19.5	75.4	16.975	14.9	0.0	0.0	0.0	10.2
10	15.1	27.3	20.8	81.3	19.946	17.4	0.0	7.5	7.5	6.1
11	15.3	23.3	17.6	81.1	16.359	14.3	2.0	0.0	2.0	1.9
12	14.0	26.0	19.2	80.2	17.513	15.4	0.3	0.0	0.3	6.4
13	16.3	25.2	20.0	87.4	20.377	17.8	1.6	0.0	1.6	5.8
14	16.0	26.3	20.9	78.4	18.810	16.4	0.3	0.0	0.3	9.9
15	16.3	25.4	19.9	79.8	18.164	15.9	8.6	1.3	9.9	5.2
16	15.3	26.1	19.5	82.9	18.653	16.3	1.7	3.2	4.9	9.7
17	15.3	23.3	18.6	88.4	19.318	16.9	0.8	0.0	0.8	2.9
18	14.1	27.3	20.5	77.3	18.117	15.9	0.1	0.0	0.1	7.2
19	15.0	27.3	21.2	72.6	17.811	15.5	0.0	0.0	0.0	8.7
20	15.3	25.6	19.3	81.9	18.468	16.2	5.8	0.0	5.8	0.4
21	15.3	27.3	19.7	79.1	17.476	15.3	3.0	0.0	3.0	9.0
22	14.0	26.5	19.0	80.1	17.158	15.0	12.8	0.0	12.8	6.2
23	13.4	26.0	20.0	75.6	17.174	15.1	0.0	0.0	0.0	7.0
24	13.6	26.0	18.7	82.9	17.864	15.7	0.0	0.0	0.0	7.9
25	14.4	26.6	19.1	75.7	16.274	14.2	0.0	4.2	4.2	8.7
26	14.4	26.3	20.1	79.4	18.254	16.0	0.1	0.0	0.1	7.5
27	14.1	25.4	19.9	78.1	17.622	15.4	0.1	0.0	0.1	7.9
28	13.6	25.6	19.8	75.9	17.346	15.1	0.4	0.1	0.5	7.8
29	14.3	24.5	18.8	89.8	19.230	16.8	0.2	0.0	0.2	5.3
30	14.1	26.0	18.9	77.4	16.562	14.4	5.3	0.0	5.3	5.2
PROM.	15.0	25.6	19.6	80.4	18.064	15.8	73.6	65.9	139.5	182.7

ESTACION: MIGUEL VALENCIA  
 ALTITUD: 1.570

MUNICIPIO: JARDIN  
 LATITUD: 5-32 N.

AÑO: 1.983  
 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	15.2	26.3	19.6	78.8	17.466	15.2	1.1	3.5	4.6	6.2
2	14.5	25.3	19.3	80.3	17.651	15.4	2.2	2.1	4.3	7.9
3	14.0	25.4	19.5	80.0	17.479	15.2	0.0	0.0	0.0	5.3
4	14.0	26.0	20.2	79.6	18.481	16.1	1.4	3.2	4.6	1.9
5	15.5	26.1	19.8	81.7	18.714	16.4	0.4	0.0	0.4	6.6
6	15.3	26.0	19.6	79.9	17.748	15.6	0.0	0.0	0.0	9.7
7	16.5	23.3	20.2	78.1	18.382	16.1	0.5	16.7	17.2	7.1
8	16.0	26.3	20.3	77.4	18.021	15.9	0.0	9.7	9.7	2.7
9	16.5	23.0	18.9	87.4	19.047	16.7	3.7	5.9	9.6	6.2
10	16.0	24.4	19.4	79.1	17.463	15.2	0.0	0.0	0.0	4.6
11	16.0	23.8	18.6	80.6	17.227	15.1	0.0	2.0	2.0	5.3
12	14.5	25.3	19.4	77.8	17.065	14.9	0.0	0.0	0.0	8.6
13	13.5	26.4	19.5	76.9	16.997	14.9	0.0	0.0	0.0	8.3
14	13.5	26.3	20.5	75.9	17.492	15.3	0.1	5.2	5.3	8.9
15	16.3	25.6	19.8	83.2	19.093	16.7	3.4	0.0	3.4	4.4
16	14.5	24.1	18.6	84.6	17.900	15.7	0.7	4.9	5.6	6.3
17	14.3	25.3	19.4	76.6	16.952	14.8	0.0	0.0	0.0	7.7
18	14.5	27.1	20.9	72.4	17.071	14.8	0.0	0.0	0.0	3.7
19	14.2	26.3	20.0	71.7	16.102	14.0	0.0	0.6	0.6	8.8
20	15.6	27.1	20.8	74.8	17.679	15.4	0.0	0.0	0.0	7.1
21	14.3	26.0	19.7	73.1	16.189	14.1	0.0	0.0	0.0	7.1
22	15.2	24.3	18.7	80.8	17.141	15.0	3.1	12.7	15.8	1.2
23	15.6	22.4	17.8	89.9	18.669	16.4	7.4	0.0	7.4	1.3
24	13.6	25.4	18.0	77.3	15.430	13.3	1.3	0.0	1.3	6.2
25	11.2	27.1	18.2	75.2	15.149	13.2	0.0	0.0	0.0	10.6
26	11.8	26.4	19.2	71.5	15.498	13.4	0.0	0.0	0.0	8.5
27	12.0	26.0	19.1	73.9	15.745	13.7	0.0	0.0	0.0	4.0
28	14.2	26.3	20.0	76.3	17.319	15.1	0.0	0.0	0.0	6.5
29	15.2	27.4	20.2	76.7	18.036	15.8	0.0	0.0	0.0	7.5
30	15.2	25.1	19.7	81.7	18.390	16.1	0.8	2.0	2.8	3.9
31	14.8	25.0	19.7	80.8	18.201	16.0	0.9	12.3	13.2	4.6
PROM.	14.6	25.5	19.5	78.5	17.413	15.2	27.0	80.8	107.8	188.9

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	15.3	22.7	18.1	86.7	18.036	15.9	12.8	2.2	15.0	4.1
2	14.2	24.1	19.4	83.8	18.990	16.7	0.1	22.3	22.4	5.5
3	14.5	25.6	18.9	78.9	16.952	14.9	0.9	0.0	0.9	7.4
4	14.0	26.0	20.0	76.7	17.281	15.1	0.3	3.8	4.1	7.5
5	15.4	21.4	18.2	91.6	19.235	16.9	7.2	0.0	7.2	0.6
6	13.6	25.3	19.1	79.9	17.224	15.1	1.3	23.3	24.6	6.6
7	15.7	25.6	19.5	78.5	17.672	15.5	0.0	0.0	0.0	7.7
8	13.6	26.0	19.2	76.8	16.502	14.4	0.0	0.0	0.0	9.1
9	12.6	27.1	19.7	73.2	15.980	13.8	0.0	0.0	0.0	6.6
10	15.3	26.1	20.0	74.8	16.978	14.8	0.0	0.0	0.0	6.2
11	12.0	27.6	19.2	72.0	15.094	12.9	0.0	4.9	4.9	8.8
12	14.0	24.7	18.4	82.2	17.151	15.1	0.0	0.0	0.0	4.6
13	14.6	26.4	19.5	75.8	16.522	14.8	8.1	1.2	9.3	7.7
14	14.0	28.0	18.8	80.4	17.346	15.3	0.0	0.0	0.0	7.4
15	14.3	26.3	20.6	75.2	17.520	15.3	0.0	0.0	0.0	8.6
16	14.0	26.8	20.3	62.1	14.341	12.1	0.0	0.0	0.0	7.3
17	14.4	26.6	19.8	77.3	17.526	15.3	3.1	0.0	3.1	7.5
18	14.5	24.3	18.2	87.9	18.759	16.5	0.5	0.1	0.6	3.5
19	14.5	24.8	19.3	75.0	16.526	14.4	0.2	0.0	0.2	3.7
20	13.6	27.6	18.5	76.8	16.501	14.4	2.9	0.4	3.3	7.4
21	14.3	25.1	18.9	81.4	17.268	15.0	1.8	0.0	1.8	4.4
22	14.5	26.3	20.5	77.4	18.279	15.9	0.0	1.2	1.2	7.9
23	14.3	25.1	19.6	80.2	18.073	15.8	0.9	0.8	1.7	4.3
24	15.3	24.1	19.3	80.8	17.952	15.7	0.0	0.0	0.0	4.1
25	14.3	24.3	19.6	80.9	18.390	16.2	0.0	1.7	1.7	4.2
26	16.5	24.2	19.0	83.3	18.249	16.0	0.0	0.0	0.0	2.6
27	13.5	26.0	19.6	72.0	15.982	13.9	0.1	3.6	3.7	6.3
28	15.4	24.6	19.0	80.7	17.360	15.1	0.0	0.0	0.0	2.9
29	15.0	22.0	18.6	92.7	19.910	17.4	0.2	0.3	0.5	1.9
30	15.0	24.0	19.1	82.6	17.945	15.7	3.1	0.1	3.2	5.8
31	13.5	27.0	20.2	73.6	16.781	14.5	0.0	1.7	1.7	9.3
PROM.	14.4	25.3	19.3	79.1	17.378	15.2	43.5	72.6	116.1	181.6

ESTACION: MIGUEL VALENCIA

MUNICIPIO: JARDÍN

AÑO: 1.983

ALTITUD: 1.570

LATITUD: E-32 N.

LONGITUD: 75-51 W.

## M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	26.3	19.4	75.3	16.227	14.0	0.0	2.1	2.1	9.2
2	16.3	26.3	19.3	78.3	17.356	15.2	5.0	0.0	5.0	5.3
3	15.1	25.1	19.2	79.6	17.514	15.4	0.0	0.0	0.0	1.7
4	14.3	26.4	19.3	76.3	16.632	14.5	0.0	15.2	15.2	8.6
5	14.3	24.8	18.3	82.3	17.008	14.9	4.9	11.7	16.6	7.0
6	14.2	22.0	18.2	87.0	18.012	15.8	2.2	1.1	3.3	1.6
7	14.6	22.8	18.0	83.2	17.100	15.0	5.0	0.0	5.0	3.1
8	12.7	22.4	18.1	84.0	17.057	14.9	0.0	3.5	3.5	4.7
9	12.9	25.0	18.7	75.8	15.923	13.8	0.0	0.0	0.0	7.2
10	14.1	22.2	17.2	82.1	16.127	14.1	6.6	5.2	11.8	3.1
11	14.4	23.3	17.3	85.7	17.013	15.0	8.3	0.0	8.3	1.0
12	13.3	25.0	18.7	78.5	16.640	14.6	0.0	0.0	0.0	0.9
13	12.6	24.1	18.2	86.3	18.112	15.9	7.8	1.1	8.9	0.2
14	14.2	23.1	17.3	83.3	16.379	14.3	6.0	0.0	6.0	0.0
15	12.5	25.6	19.8	80.0	17.860	15.6	2.0	0.0	2.0	0.0
16	14.8	24.0	18.6	83.2	17.589	15.4	0.5	1.8	2.3	0.0
17	14.5	23.0	18.4	82.7	17.142	15.0	0.0	0.2	0.2	0.0
18	13.6	24.0	18.0	82.5	16.872	14.8	0.0	1.6	1.6	0.0
19	13.6	25.0	18.6	78.7	16.496	14.5	0.0	0.2	0.2	0.0
20	14.6	24.0	18.7	79.6	16.981	14.9	2.4	12.5	14.9	0.0
21	13.1	23.6	18.2	81.0	16.630	14.5	0.2	9.7	9.9	0.0
22	14.1	23.8	18.1	79.7	16.119	14.0	0.5	0.0	0.5	0.0
23	14.1	26.0	19.3	76.0	16.819	14.7	0.0	2.0	2.0	0.0
24	15.4	24.6	19.3	78.5	17.343	15.2	0.0	0.0	0.0	0.0
25	14.3	25.4	19.7	75.0	16.980	14.9	0.2	0.0	0.2	0.0
26	14.7	25.4	18.8	78.6	16.662	14.6	0.1	0.0	0.1	5.6
27	14.2	26.1	19.3	77.1	16.833	14.7	0.0	14.5	14.5	8.4
28	14.8	25.3	19.2	81.1	17.848	15.7	0.1	0.0	0.1	5.0
29	15.0	26.0	19.0	80.9	17.526	15.4	4.6	0.0	4.6	6.1
30	14.1	25.6	19.6	79.3	17.685	15.5	3.0	2.2	5.2	5.8
PROM.	14.1	24.5	18.7	80.5	17.016	14.9	59.4	84.6	144.0	

## 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	25.0	18.7	82.8	17.722	15.6	0.0	0.0	0.0	4.3
2	14.1	26.1	19.1	78.5	17.317	15.1	3.8	3.1	6.9	5.6
3	14.0	25.4	18.8	79.8	16.889	14.8	0.5	7.8	8.3	4.9
4	14.0	25.0	18.7	77.7	16.308	14.2	0.5	0.0	0.5	4.6
5	15.0	24.0	18.4	80.1	16.863	14.8	2.3	0.0	2.3	3.4
6	13.5	25.1	18.3	83.1	17.365	15.2	0.0	0.0	0.0	7.0
7	13.3	23.1	18.3	79.1	16.638	14.6	0.0	0.0	0.0	0.3
8	13.5	24.3	18.4	84.9	17.959	15.8	5.4	0.0	5.4	5.6
9	14.5	24.8	18.7	78.6	17.036	14.9	0.0	1.8	1.8	4.7
10	14.6	23.2	17.4	90.8	18.126	16.0	0.2	0.0	0.2	3.8
11	15.5	26.0	18.8	81.1	17.910	15.8	0.0	0.0	0.0	2.0
12	14.5	26.1	18.5	75.4	16.693	14.6	0.0	13.5	13.5	3.5
13	14.0	23.1	18.1	84.9	17.468	15.3	1.2	0.7	1.9	2.1
14	15.0	22.2	17.3	88.3	17.651	15.6	20.6	1.7	22.3	0.0
15	14.8	21.3	16.8	85.8	16.376	14.3	8.1	3.0	11.1	1.3
16	14.3	22.0	17.0	88.4	17.166	15.1	14.7	0.0	14.7	2.6
17	12.0	24.6	17.5	80.7	15.831	13.8	0.0	0.0	0.0	9.9
18	12.3	26.0	18.2	79.2	16.536	14.5	0.0	1.9	1.9	7.7
19	14.0	22.0	17.3	86.8	17.347	15.3	2.0	0.0	2.0	0.2
20	12.8	23.0	17.4	83.9	16.568	14.5	1.1	0.1	1.2	4.2
21	12.5	23.3	16.7	81.7	15.289	13.2	0.1	4.7	4.8	3.7
22	13.0	23.6	17.5	83.2	16.520	14.4	0.1	0.0	0.1	6.0
23	13.5	24.0	17.8	84.2	17.174	15.1	0.2	0.0	0.2	7.4
24	12.0	24.4	18.2	83.2	17.317	15.2	0.4	0.0	0.4	5.9
25	14.5	25.4	18.3	77.4	16.320	14.2	14.9	0.0	14.9	2.5
26	12.5	23.3	17.1	91.5	17.714	15.6	9.6	0.0	9.6	2.1
27	14.2	21.1	18.0	93.8	19.284	16.9	7.9	0.0	7.9	4.4
28	14.5	23.5	18.9	80.8	17.445	15.2	1.2	12.1	13.3	3.8
29	14.5	23.6	18.2	83.2	17.148	15.0	6.9	6.0	12.9	2.1
30	15.5	22.2	17.7	85.5	17.422	15.3	19.8	1.5	21.3	0.1
31	14.5	21.0	16.7	94.9	18.180	16.0	7.5	0.0	7.5	0.2
PROM.	13.9	23.8	18.0	83.7	17.148	15.0	129.0	57.9	186.9	117.9

ESTACION: MIGUEL VALENCIA  
 ALTITUD: 1.570

MUNICIPIO: JARDIN  
 LATITUD: 5-32 N.

AÑO: 1.983  
 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	13.0	26.0	18.9	79.3	16.963	14.9	0.0	7.0	7.0	0.0
2	13.4	23.5	17.8	80.1	15.986	13.9	5.3	0.0	5.3	4.3
3	14.0	24.0	18.2	84.6	17.826	15.7	8.0	4.0	12.0	3.4
4	14.1	24.5	18.9	78.7	16.940	14.8	0.0	0.0	0.0	5.7
5	13.8	24.5	18.6	80.2	17.110	15.0	0.1	0.0	0.1	2.1
6	13.1	23.5	18.4	82.4	17.462	15.3	0.0	0.6	0.6	1.8
7	14.1	25.0	18.8	81.2	17.298	15.1	0.0	0.0	0.0	5.1
8	15.1	22.4	18.3	88.3	18.681	16.4	0.0	0.0	0.0	0.0
9	13.0	25.5	19.6	72.3	16.085	14.0	0.0	0.0	0.0	9.1
10	15.3	26.0	19.6	76.6	17.010	14.7	0.0	3.7	3.7	6.1
11	14.3	22.6	16.7	82.2	15.766	13.7	5.1	0.2	5.3	0.9
12	13.3	24.4	18.7	78.3	16.285	14.1	0.5	0.0	0.5	4.6
13	13.6	25.6	18.1	79.3	16.014	13.9	25.7	0.1	25.8	4.8
14	13.6	24.4	18.2	82.1	16.795	14.7	1.7	4.0	5.7	6.4
15	12.2	24.5	18.1	81.7	16.567	14.5	2.0	28.6	30.6	6.4
16	13.3	24.6	18.2	79.2	15.937	13.8	0.0	0.0	0.0	8.0
17	14.3	24.6	19.1	80.9	17.608	15.5	0.0	6.6	6.6	5.1
18	13.3	25.3	18.1	82.0	16.673	14.6	0.0	0.0	0.0	9.6
19	14.0	25.0	19.2	81.0	17.792	15.6	0.0	0.0	0.0	5.5
20	14.6	25.0	18.9	80.5	17.545	15.4	3.1	0.0	3.1	5.4
21	14.6	24.5	18.8	79.8	17.029	14.9	0.0	2.2	2.2	0.6
22	13.4	24.0	18.5	85.2	18.141	16.0	2.5	0.0	2.5	4.2
23	13.1	25.5	18.3	79.0	16.255	14.2	1.9	0.0	1.9	8.1
24	13.1	25.5	18.1	76.3	15.698	13.6	0.1	0.0	0.1	3.2
25	13.0	24.8	18.4	80.4	16.815	14.7	0.0	0.0	0.0	5.0
26	13.0	24.5	18.1	81.5	16.603	14.6	0.9	0.0	0.9	4.7
27	13.0	23.6	17.4	83.5	16.308	14.2	3.7	0.0	3.7	3.1
28	14.0	20.6	16.9	94.4	18.424	16.2	5.2	0.4	5.6	0.6
29	14.5	20.0	15.7	95.0	17.045	15.0	2.0	0.0	2.0	0.4
30	13.0	19.6	16.5	93.4	17.431	15.3	4.3	0.0	4.3	0.6
PROM.	13.7	24.1	18.2	82.0	16.938	14.8	72.1	57.4	129.5	124.6

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	21.5	16.2	86.6	16.013	14.0	0.9	0.0	0.9	
2	13.1	22.6	17.4	85.0	16.852	14.8	1.0	0.0	1.0	
3	13.0	22.5	17.3	83.4	16.264	14.2	0.0	5.9	5.9	
4	14.0	22.0	16.3	82.1	15.126	13.1	0.0	3.7	3.7	
5	13.0	22.0	16.5	94.3	17.847	15.7	0.0	6.3	6.3	
6	13.0	23.0	18.3	77.4	15.851	13.9	0.0	4.0	4.0	
7	13.0	22.0	16.2	88.4	16.332	14.3	3.6	11.4	15.0	
8	13.0	24.0	16.8	81.3	15.224	13.2	2.0	0.0	2.0	
9	13.0	22.2	17.5	84.2	16.514	14.5	0.0	36.7	36.7	
10	12.5	21.6	16.3	84.4	15.540	13.6	13.0	0.2	13.2	
11	12.5	25.0	17.9	80.3	15.825	13.7	0.0	23.4	23.4	
12	12.0	24.0	16.8	82.0	15.225	13.2	4.0	4.0	8.0	
13	12.2	22.2	17.4	83.0	16.376	14.3	0.0	0.0	0.0	
14	13.0	23.2	17.1	81.9	16.027	14.0	1.0	0.4	1.4	
15	13.0	22.0	17.1	81.3	15.656	13.6	0.0	1.2	1.2	4.5
16	15.0	22.0	17.9	84.0	16.991	14.9	0.0	19.4	19.4	3.1
17	14.0	22.0	16.5	86.6	16.596	14.5	12.2	0.0	12.2	1.2
18	13.0	26.0	17.3	79.9	15.334	13.1	8.0	19.2	27.2	5.6
19	13.0	26.1	18.9	79.1	16.514	14.3	0.0	4.8	4.8	3.1
20	13.0	26.1	18.2	82.3	16.795	14.7	0.0	6.8	6.8	
21	13.5	25.0	18.9	80.0	16.989	14.8	0.0	0.0	0.0	3.2
22	14.5	25.5	18.5	78.2	16.406	14.3	0.0	0.0	0.0	
23	15.1	24.5	18.6	81.7	17.375	15.3	0.0	0.0	0.0	
24	14.5	25.0	18.7	80.6	17.203	15.1	0.0	0.0	0.0	
25	14.8	26.0	19.8	80.8	18.227	15.9	0.0	0.0	0.0	
26	15.0	21.5	17.2	81.5	15.911	13.8	3.6	1.8	5.4	
27	13.0	26.0	17.8	77.4	15.449	13.4	0.0	0.0	0.0	4.6
28	14.0	26.1	18.7	78.9	16.542	14.4	0.0	0.4	0.4	
29	14.0	23.0	18.4	82.9	17.366	15.2	0.0	0.0	0.0	
30	15.0	22.0	16.7	91.1	17.274	15.2	2.0	13.6	15.6	
31	14.0	22.2	17.5	86.3	17.104	15.0	7.0	18.0	25.0	
PROM	13.5	23.5	17.6	82.8	16.413	14.3	58.3	181.2	239.5	

ESTACION: **MIGUEL VALENCIA**

MUNICIPIO

**JARDIN**

AÑO:

**1.983**ALTITUD: **1.570**

LATITUD:

**5-32 N.**

LONGITUD:

**75-51 W.**

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.3	27.0	20.0	12.4	28.5	77.5	17.666	15.5	41.1	6	203.1
FEBRERO	15.3	27.5	20.4	12.2	31.1	75.0	17.304	15.1	34.7	11	173.8
MARZO	15.4	26.1	20.2	13.0	28.5	79.1	16.146	15.8	268.9	20	103.1
ABRIL	15.5	25.0	19.6	13.6	26.8	82.6	16.668	16.3	223.9	23	107.0
MAYO	15.4	25.4	19.7	13.0	27.4	82.2	16.732	16.4	222.1	29	141.2
JUNIO	15.0	25.6	19.6	13.4	27.3	80.4	16.064	15.8	139.5	25	182.7
JULIO	14.6	25.5	19.5	11.2	27.4	78.5	17.413	15.2	107.8	17	188.9
AGOSTO	14.4	25.3	19.3	12.0	28.0	79.1	17.378	15.2	116.1	20	181.6
SEPTIEMBRE	14.1	24.5	18.7	12.6	26.4	80.5	17.016	14.9	144.0	26	
OCTUBRE	13.9	23.8	18.0	12.0	26.1	83.7	17.148	15.0	186.9	26	117.9
NOVIEMBRE	13.7	24.1	18.2	12.2	26.0	82.0	16.938	14.8	129.5	22	124.8
DICIEMBRE	13.5	23.5	17.6	12.0	26.1	82.8	16.413	14.3	239.5	22	
PROMEDIO	14.7	25.3	19.2	12.5	27.5	80.3	17.574	15.4			
TOTAL									1854.0	247	

ESTACION: BERTHA  
 ALTITUD: 1.700

MUNICIPIO: MONIQUIRA  
 LATITUD: 5-52 N.

AÑO: 1.983  
 LONGITUD: 73-24 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	10.3	28.3	19.8	75.6	16.320	14.0	0.0	0.3	0.3	
2	15.6	25.6	20.5	73.9	17.344	15.2	0.0	0.0	0.0	
3	13.2	27.2	19.1	76.8	16.464	14.4	0.0	0.0	0.0	
4	13.2	27.6	20.6	70.8	16.321	14.2	0.0	1.6	1.6	
5	13.0	28.0	19.6	78.4	17.087	14.8	3.0	1.1	4.1	
6	14.2	27.0	20.1	72.4	16.271	14.2	0.0	0.0	0.0	
7	14.0	27.0	19.7	77.7	17.321	15.2	0.0	0.0	0.0	
8	12.2	27.4	19.3	74.3	15.859	13.8	0.0	0.0	0.0	
9	11.2	29.0	19.1	75.0	15.154	12.7	2.5	0.6	3.1	
10	12.0	26.4	18.9	70.9	14.752	12.8	0.0	0.6	0.6	
11	14.7	28.2	20.4	76.0	17.386	15.1	0.0	0.0	0.0	
12	14.0	27.0	20.0	75.3	16.941	14.8	0.0	0.0	0.0	
13	14.2	28.0	20.1	77.9	17.613	15.4	0.0	0.0	0.0	
14	13.2	28.0	19.5	74.4	15.913	13.8	0.0	0.0	0.0	
15	15.2	28.2	21.2	72.1	17.515	15.4	0.0	0.0	0.0	
16	14.2	29.0	20.6	70.6	16.100	13.9	0.0	0.0	0.0	
17	14.0	30.0	20.0	70.5	15.386	13.2	0.0	0.0	0.0	
18	10.2	30.2	20.4	67.0	14.010	11.4	0.0	0.1	0.1	
19	11.4	30.0	19.8	73.4	16.326	14.2	0.3	0.6	0.9	
20	12.7	28.2	19.1	75.3	15.366	13.1	0.0	0.0	0.0	
21	10.6	30.0	20.4	75.4	16.772	14.4	0.0	0.0	0.0	
22	12.0	29.4	21.7	66.6	15.708	13.7	0.0	0.0	0.0	
23	10.6	30.0	20.8	61.2	13.393	11.3	0.0	0.0	0.0	
24	10.0	29.0	20.8	55.9	11.360	8.7	0.0	0.0	0.0	
25	8.5	29.2	20.7	69.4	15.043	12.5	0.0	0.5	0.5	
26	14.6	28.0	21.6	69.4	16.816	14.7	0.0	0.8	0.8	
27	15.6	29.0	22.2	60.3	14.468	12.3	0.0	0.0	0.0	
28	14.0	27.0	21.0	63.7	14.632	12.5	0.0	0.0	0.0	
29	16.2	28.2	23.4	61.1	16.209	14.1	0.0	0.0	0.0	
30	10.0	28.0	20.4	60.1	12.557	10.3	0.0	0.0	0.0	
31	15.0	29.0	21.9	61.4	15.141	13.0	0.0	0.0	0.0	
PROM.	12.9	28.3	20.4	70.4	15.727	13.5	5.8	6.2	12.0	

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	11.2	29.2	20.2	68.9	14.763	12.6	0.0	0.0	0.0	
2	11.6	30.0	19.8	69.1	14.113	11.5	0.0	0.0	0.0	
3	15.6	29.2	22.8	70.2	18.989	16.6	0.0	1.9	1.9	
4	16.3	25.0	21.4	63.6	14.712	11.9	0.0	7.1	7.1	
5	17.2	27.2	21.1	66.7	15.987	13.8	0.0	0.6	0.6	
6	15.0	29.0	21.7	72.0	17.309	15.0	0.0	0.0	0.0	
7	16.4	28.0	20.7	70.7	16.788	14.7	0.0	5.0	5.0	
8	15.0	27.2	19.6	72.3	15.992	13.9	0.0	0.0	0.0	
9	15.6	29.2	20.4	69.7	15.844	13.5	0.0	0.0	0.0	
10	11.0	28.6	18.8	67.7	13.921	11.9	0.1	0.0	0.1	
11	10.6	29.2	20.9	60.5	12.830	10.4	0.2	0.0	0.2	
12	10.0	28.6	19.6	67.3	14.024	11.8	0.0	0.0	0.0	
13	9.0	29.2	19.9	65.6	13.341	10.8	0.0	1.8	1.8	
14	13.1	28.0	20.2	64.0	13.778	11.6	0.0	0.0	0.0	
15	9.5	31.0	20.7	59.4	11.999	9.4	0.0	0.0	0.0	
16	8.6	30.0	19.7	67.1	13.327	10.6	0.0	0.0	0.0	
17	13.0	30.0	21.1	66.3	15.360	13.3	0.0	0.0	0.0	
18	16.0	28.6	22.0	58.0	13.820	11.1	0.0	1.3	1.3	
19	12.0	30.2	21.2	65.2	14.698	12.6	0.0	0.0	0.0	
20	12.2	29.0	21.2	68.8	15.901	13.8	0.6	0.0	0.6	
21	16.3	24.0	20.4	84.1	19.707	17.3	0.0	0.0	0.0	
22	13.3	30.4	19.9	74.1	15.915	13.7	0.0	0.0	0.0	
23	10.4	29.0	20.4	57.4	11.781	9.3	0.0	0.0	0.0	
24	14.3	27.2	20.4	66.9	15.339	13.4	22.2	0.1	22.3	
25	14.4	27.0	20.6	56.8	12.595	9.9	0.0	0.0	0.0	
26	12.7	30.3	21.5	55.4	12.710	10.2	0.0	0.0	0.0	
27	10.0	29.0	20.8	65.1	14.268	11.6	0.0	21.6	21.6	
28	15.2	25.0	21.1	71.7	17.020	14.9	1.0	7.6	8.6	
PROM	13.1	28.7	20.6	66.6	14.887	12.5	24.1	47.0	71.1	

ESTACION: BERTHA

MUNICIPIO: MONQUIRA

AÑO: 1.983

ALTITUD: 1.700

LATITUD: 6-52 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	15.0	29.0	21.3	69.2	16.910	14.9	0.1	11.5	11.6	
2	17.1	27.4	20.3	66.3	15.473	13.3	0.0	0.0	0.0	
3	11.6	28.6	21.3	64.0	15.598	13.5	0.0	0.0	0.0	
4	14.0	29.3	22.0	71.3	17.448	15.1	16.7	1.1	17.8	
5	11.4	29.6	22.2	69.9	17.101	14.8	0.0	0.0	0.0	
6	16.7	28.3	23.2	70.2	18.903	16.5	0.0	0.6	0.6	
7	16.0	26.6	20.7	67.1	15.683	13.7	0.0	0.0	0.0	
8	16.0	26.2	20.6	68.9	16.025	13.9	0.0	0.0	0.0	
9	16.8	28.2	20.1	78.0	17.921	15.5	0.5	3.8	4.3	
10	16.0	28.3	19.8	76.3	16.867	14.5	2.0	0.0	2.0	
11	14.6	30.0	21.2	66.3	15.506	13.4	0.0	4.5	4.5	
12	17.0	29.0	22.1	71.0	18.279	16.0	0.0	0.0	0.0	
13	13.6	28.2	20.6	73.7	17.126	15.0	0.0	0.3	0.3	
14	16.0	23.7	18.8	91.0	19.781	17.3	3.7	0.0	3.7	
15	13.1	30.0	19.8	67.1	14.296	12.0	0.1	0.0	0.1	
16	15.1	27.4	21.2	72.5	17.523	15.3	0.0	0.0	0.0	
17	13.6	27.3	19.3	78.2	16.848	14.7	0.8	0.0	0.8	
18	15.0	27.3	20.1	73.7	16.546	14.5	0.0	0.0	0.0	
19	15.3	28.3	21.5	69.1	16.492	13.9	0.0	0.6	0.6	
20	10.0	31.0	19.8	69.2	14.280	11.7	0.0	0.0	0.0	
21	9.0	29.3	20.0	65.8	13.445	10.8	0.0	0.0	0.0	
22	12.5	28.3	19.8	78.5	17.355	15.0	2.5	15.2	17.7	
23	13.0	28.0	20.6	65.5	14.314	12.0	0.0	2.3	2.3	
24	12.6	29.3	20.9	61.7	13.978	11.9	0.0	0.0	0.0	
25	16.4	24.4	20.0	75.4	17.263	15.1	0.0	0.0	0.0	
26	16.0	26.3	20.1	75.3	17.217	15.0	6.4	2.2	8.6	
27	16.3	26.3	21.3	68.2	16.600	14.6	0.1	0.0	0.1	
28	14.3	28.3	21.6	66.3	15.951	13.9	0.0	0.0	0.0	
29	13.0	29.0	21.9	61.9	14.673	12.5	0.1	3.0	3.1	
30	13.3	28.6	20.9	66.0	15.664	13.5	0.1	0.0	0.1	
31	13.6	28.6	20.4	63.6	13.986	11.8	0.0	0.0	0.0	
PROM.	14.3	28.1	20.8	70.4	16.292	14.1	33.1	45.1	78.2	

## 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	14.6	29.6	21.6	65.4	15.858	13.7	0.0	0.0	0.0	
2	12.6	28.4	19.1	74.3	15.144	12.8	28.6	0.0	28.6	
3	12.6	28.4	18.7	74.3	14.864	12.6	0.2	2.9	3.1	
4	15.3	27.0	20.3	83.9	19.900	17.4	11.6	5.6	17.2	
5	16.0	26.6	19.4	76.4	16.490	13.9	0.0	3.2	3.2	
6	13.0	28.4	20.3	77.2	17.864	15.6	0.0	17.0	17.0	
7	16.3	23.6	19.3	75.3	16.607	14.5	0.1	0.0	0.1	
8	14.4	26.3	20.1	73.1	16.332	14.0	5.3	8.0	13.3	
9	16.0	24.4	19.2	76.6	16.531	14.4	14.6	3.9	18.5	
10	16.0	26.4	19.0	75.5	16.220	14.1	2.0	0.0	2.0	
11	16.3	23.0	19.2	80.4	17.532	15.3	0.0	0.0	0.0	
12	14.6	26.0	19.3	78.6	17.067	14.9	0.3	3.2	3.5	
13	15.6	26.6	20.6	68.1	15.952	13.8	0.5	0.0	0.5	
14	16.0	26.2	20.3	78.8	18.418	16.2	0.2	18.1	18.3	
15	16.3	27.3	21.0	68.1	16.134	14.0	7.7	11.7	19.4	
16	16.3	25.8	20.2	67.6	15.704	13.6	0.0	9.5	9.5	
17	16.0	27.0	19.2	76.7	16.909	14.8	0.0	0.0	0.0	
18	12.6	24.0	18.2	68.6	13.223	10.7	0.2	1.0	1.2	
19	13.3	28.4	20.4	68.6	15.483	13.1	2.3	0.0	2.3	
20	13.0	27.0	19.0	75.4	15.974	14.0	0.4	0.0	0.4	
21	13.4	24.3	18.4	78.7	16.397	14.4	4.2	11.2	15.4	
22	13.1	25.3	17.8	78.5	15.694	13.7	8.1	0.1	8.2	
23	15.0	27.1	20.3	74.7	17.229	15.1	16.8	2.8	19.6	
24	16.2	26.3	19.8	73.0	16.873	14.8	0.2	8.0	8.2	
25	13.0	25.8	19.2	76.6	16.433	14.3	1.0	0.0	1.0	
26	13.4	25.2	17.7	94.3	18.878	16.5	4.4	14.7	19.1	
27	15.4	26.3	19.4	73.1	16.253	14.0	4.4	4.2	8.6	
28	15.0	25.4	18.8	76.8	16.387	14.3	15.2	5.4	20.6	
29	14.6	22.8	18.9	78.8	16.991	14.8	0.8	0.7	1.5	
30	14.3	25.7	18.9	77.3	16.339	14.2	0.0	0.0	0.0	
PROM.	14.7	26.2	19.5	75.5	16.523	14.3	129.1	131.2	260.3	

ESTACION: BERTHA

MUNICIPIO: MONQUIRA

AÑO:

1.983.

ALTITUD: 1.700

LATITUD: 5-52 N.

LONGITUD: 73-24 W.

## M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.6	25.7	18.2	85.0	17.870	15.7	1.5	0.0	1.5	
2	14.0	28.0	19.3	72.7	15.473	13.1	7.4	0.0	7.4	
3	14.6	26.3	18.8	74.7	15.648	13.6	17.3	19.6	36.9	
4	16.0	27.0	19.0	78.4	16.840	14.7	2.5	0.0	2.5	
5	15.0	28.0	20.3	76.2	17.605	15.5	9.1	0.1	9.2	
6	15.3	26.0	19.4	76.6	16.729	14.6	0.1	0.0	0.1	
7	16.0	26.6	18.7	87.8	19.283	16.9	11.1	0.0	11.1	
8	13.6	26.2	19.5	80.8	17.691	15.4	1.2	2.8	4.0	
9	15.3	26.0	18.9	78.6	16.816	14.7	6.1	0.0	6.1	
10	13.6	26.8	17.9	86.1	17.737	15.6	11.4	0.0	11.4	
11	12.6	27.0	19.0	78.9	16.878	14.7	4.5	0.0	4.5	
12	12.6	26.0	19.5	71.6	15.627	13.6	1.0	11.1	12.1	
13	14.1	25.0	20.1	78.7	18.028	15.7	0.0	0.0	0.0	
14	11.4	28.0	20.8	71.3	16.947	14.8	5.8	0.0	5.8	
15	16.0	27.0	21.5	77.4	19.596	17.1	0.2	41.3	41.5	
16	16.0	25.0	18.6	82.4	18.015	15.8	17.6	0.7	18.3	
17	15.4	26.8	19.5	82.1	18.878	16.6	4.7	48.0	52.7	
18	16.3	29.0	19.3	79.0	17.404	15.3	0.0	13.8	13.8	
19	16.0	26.3	19.9	78.8	17.841	15.6	23.6	0.0	23.6	
20	16.0	27.3	20.4	78.8	18.251	16.0	0.0	0.3	0.3	
21	17.3	27.1	19.9	80.8	18.665	16.4	2.1	10.6	12.7	
22	16.5	27.0	18.4	89.7	19.414	17.0	0.7	0.0	0.7	
23	16.2	25.0	18.8	80.3	17.406	15.3	6.9	0.2	7.1	
24	14.5	27.0	18.3	87.4	18.449	16.2	0.0	0.1	0.1	
25	15.5	26.0	18.9	78.9	17.222	15.0	0.0	26.5	26.5	
26	14.5	23.5	19.0	87.1	19.113	16.7	0.0	19.4	19.4	
27	14.5	25.0	17.5	90.6	18.251	16.0	0.0	0.0	0.0	
28	14.6	24.5	18.4	89.0	18.840	16.5	4.9	0.6	5.5	
29	15.0	23.3	18.1	87.4	18.273	16.0	2.3	0.2	2.5	
30	15.4	27.0	19.5	79.1	17.425	15.3	0.0	0.0	0.0	
31	12.0	28.5	19.5	85.4	17.782	15.6	0.0	0.2	0.2	
PROM.	14.8	26.4	19.2	80.9	17.743	15.5	146.0	195.5	341.5	

## M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	26.3	18.7	84.0	18.346	16.1	75.4	8.6	84.0	
2	15.5	26.5	18.7	80.5	17.351	15.3	7.9	4.0	11.9	
3	13.6	24.0	19.1	86.0	18.902	16.6	0.7	3.2	3.9	
4	14.5	26.0	18.5	82.1	17.818	15.7	13.1	4.2	17.3	
5	14.5	26.5	19.5	81.7	18.724	16.5	4.4	0.0	4.4	
6	12.5	24.5	17.8	78.3	15.639	13.6	2.3	0.0	2.3	
7	13.0	24.8	18.4	85.6	18.611	16.4	8.8	1.6	10.4	
8	14.5	25.5	17.9	87.4	18.073	15.9	12.0	0.0	12.0	
9	15.0	27.0	20.3	75.3	17.484	15.4	0.0	0.0	0.0	
10	14.6	26.0	18.2	85.7	18.282	16.1	4.7	6.4	11.1	
11	14.5	28.0	19.4	78.1	17.277	15.2	0.0	1.1	1.1	
12	15.0	28.0	20.6	80.5	18.913	16.5	50.3	14.1	64.4	
13	13.0	25.0	18.1	84.4	17.657	15.5	1.3	0.0	1.3	
14	13.0	26.3	18.0	87.6	18.628	16.2	0.0	0.0	0.0	
15	14.6	26.3	19.6	83.6	18.971	16.6	1.8	8.7	10.5	
16	14.0	26.0	18.9	85.0	18.538	16.2	0.0	0.0	0.0	
17	14.5	25.6	19.7	83.5	18.897	16.6	8.3	27.3	35.6	
18	14.0	27.0	20.5	78.9	18.550	16.3	0.0	0.0	0.0	
19	11.0	27.4	21.1	72.6	17.602	15.4	0.0	0.0	0.0	
20	12.2	26.8	19.0	78.0	17.302	15.2	7.3	0.0	7.3	
21	12.4	26.2	20.1	79.9	18.444	16.2	0.0	0.0	0.0	
22	14.3	27.2	21.2	69.9	17.196	15.1	0.0	0.0	0.0	
23	12.6	27.8	20.5	81.6	19.585	17.0	0.0	0.0	0.0	
24	11.0	27.2	21.6	73.4	18.488	16.2	0.0	0.0	0.0	
25	11.2	28.3	18.1	80.1	17.114	15.0	10.6	0.4	11.2	
26	13.6	29.0	20.6	74.4	17.840	15.7	0.0	0.0	0.0	
27	12.0	28.0	20.6	80.5	19.065	16.7	1.7	3.2	4.9	
28	14.0	27.0	19.4	80.2	17.942	15.8	1.9	0.0	1.9	
29	14.0	24.0	18.3	84.1	17.852	15.7	0.0	0.0	0.0	
30	12.2	27.0	19.1	81.1	17.867	15.7	0.4	0.0	0.4	
PROM.	13.5	26.5	19.4	80.8	18.100	15.9	213.1	82.8	295.9	

ESTACION: BERTHA

MUNICIPIO: MONQUIRA

AÑO:

1.983

ALTITUD: 1.700

LATITUD: 5-52 N.

LONGITUD: 73-24 W.

## M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	27.0	18.2	85.7	18.200	16.0	12.6	0.0	12.6	
2	13.0	24.2	17.6	90.8	18.429	16.1	19.3	0.0	19.3	
3	13.4	26.6	19.3	84.9	18.872	16.5	0.0	0.0	0.0	
4	12.2	28.2	19.7	77.6	17.290	15.1	2.8	0.1	2.9	
5	13.2	26.4	20.0	81.4	18.966	16.6	0.0	3.7	3.7	
6	15.2	25.7	19.2	85.9	19.019	16.7	0.9	0.2	1.1	
7	16.0	29.0	20.7	79.7	18.837	16.4	0.0	0.3	0.3	
8	15.0	27.3	20.2	75.4	17.797	15.7	0.0	0.0	0.0	
9	13.2	23.2	17.6	89.1	18.049	15.9	4.4	2.9	7.3	
10	14.2	27.2	19.5	79.0	17.713	15.6	12.3	0.0	12.3	
11	13.6	27.0	18.7	77.0	16.293	14.2	5.5	0.0	5.5	
12	12.0	26.6	18.6	77.2	15.660	13.5	1.7	0.0	1.7	
13	12.4	26.3	19.2	58.1	12.871	10.6	0.0	0.0	0.0	
14	10.0	26.2	18.5	80.1	16.229	14.0	3.1	5.6	8.7	
15	15.2	26.6	18.9	77.8	16.413	14.2	2.2	0.0	2.2	
16	11.0	26.0	19.9	68.0	15.547	13.6	1.6	0.0	1.6	
17	14.6	26.6	19.8	68.7	15.503	13.1	0.0	0.0	0.0	
18	12.0	27.0	20.6	71.5	16.889	14.5	0.0	0.0	0.0	
19	12.0	29.0	20.3	69.7	15.884	13.6	2.6	0.1	2.7	
20	14.0	27.0	20.7	59.7	13.824	11.4	0.0	0.0	0.0	
21	13.0	25.2	20.9	61.4	14.482	12.1	6.0	0.0	6.0	
22	14.0	23.6	18.2	86.2	17.805	15.6	12.6	3.4	16.0	
23	13.6	24.2	18.5	62.5	13.322	10.6	0.0	0.0	0.0	
24	11.0	25.0	23.2	41.6	10.883	8.1	0.0	0.0	0.0	
25	10.0	26.3	21.5	42.2	10.009	6.9	0.0	0.0	0.0	
26	11.0	25.3	19.1	72.3	15.523	13.4	0.0	0.0	0.0	
27	10.2	26.3	18.6	84.0	18.020	15.7	0.7	5.1	5.8	
28	13.6	26.0	18.5	71.5	14.556	12.4	0.0	0.0	0.0	
29	13.5	26.5	21.3	71.5	17.442	14.8	0.0	3.7	3.7	
30	13.5	25.0	19.4	75.5	16.427	14.2	1.7	2.3	4.0	
31	14.5	26.3	19.3	79.4	17.810	15.6	1.4	0.5	1.9	
PROM.	13.0	26.2	19.5	73.7	16.276	14.0	90.8	27.9	118.7	

## 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	14.6	25.6	20.4	70.6	15.857	13.5	0.0	0.0	0.0	
2	15.0	25.5	18.6	77.8	16.438	14.4	0.8	0.0	0.8	
3	13.0	25.0	18.5	78.3	16.482	14.5	10.8	2.1	12.9	
4	15.5	27.3	18.8	79.4	17.154	15.1	0.0	0.6	0.6	
5	14.0	25.5	21.1	64.0	15.294	13.1	0.0	0.0	0.0	
6	10.5	25.6	18.5	81.7	17.321	15.2	22.8	9.4	32.2	
7	14.5	26.3	19.9	63.6	14.260	12.1	0.0	0.0	0.0	
8	10.5	26.5	18.7	68.6	13.809	11.6	0.0	0.0	0.0	
9	11.0	27.0	19.2	58.5	12.039	9.6	0.0	0.0	0.0	
10	12.5	26.5	19.4	56.6	11.837	9.3	0.0	0.0	0.0	
11	10.0	27.5	19.2	70.9	14.808	12.6	0.7	0.0	0.7	
12	10.3	27.5	19.6	75.0	16.000	13.5	0.0	1.3	1.3	
13	14.5	28.3	19.0	70.9	14.870	12.7	0.0	0.0	0.0	
14	12.0	27.5	22.4	59.6	14.587	12.0	0.0	0.0	0.0	
15	10.5	27.0	18.4	72.3	14.277	11.9	2.8	5.5	8.3	
16	13.0	27.0	19.9	64.2	13.765	11.4	0.0	0.0	0.0	
17	11.5	26.8	19.3	59.8	12.360	10.0	0.0	0.0	0.0	
18	14.5	26.2	19.8	64.7	14.386	11.7	0.8	0.9	1.7	
19	15.0	26.5	19.7	83.4	18.803	16.5	0.2	0.0	0.2	
20	13.0	27.0	20.2	59.9	12.997	10.5	0.0	0.0	0.0	
21	15.0	27.0	18.7	72.2	15.399	13.3	0.0	2.8	2.8	
22	13.0	25.8	18.3	76.5	15.346	13.3	1.1	4.0	5.1	
23	13.0	26.2	19.0	75.0	15.445	13.2	2.2	1.5	3.7	
24	13.5	26.0	19.9	78.6	18.079	15.7	0.6	0.0	0.6	
25	12.7	27.5	20.8	68.9	15.503	13.1	1.3	0.4	1.7	
26	14.8	26.3	19.3	70.3	14.907	12.6	0.0	0.0	0.0	
27	11.5	26.0	18.9	66.5	14.017	11.7	0.0	0.0	0.0	
28	15.0	25.6	19.1	82.9	18.909	16.6	12.3	0.0	12.3	
29	13.0	24.9	17.6	83.2	16.621	14.6	11.4	1.2	12.6	
30	12.6	26.3	19.5	78.1	16.804	14.6	0.0	0.0	0.0	
31	10.3	27.1	18.0	75.9	14.378	12.1	5.0	1.6	6.6	
PROM.	12.9	26.4	19.3	71.2	15.252	13.0	72.8	31.3	104.1	

ESTACION: BERTHA  
 ALTITUD: 1.700

MUNICIPIO: MONQUIRA AÑO: 1.983  
 LATITUD: 5-52 N. LONGITUD: 73-24 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.4	27.3	18.9	77.8	16.095	14.0	1.6	0.0	1.6	
2	14.3	24.3	17.0	80.7	15.576	13.6	6.4	5.1	11.5	
3	11.5	27.8	19.5	64.5	13.463	11.2	0.0	0.0	0.0	
4	13.5	27.5	19.8	75.8	16.619	14.5	0.6	0.0	0.6	
5	12.6	25.6	19.2	80.1	17.328	15.3	5.5	0.0	5.5	
6	14.5	24.0	18.3	85.0	17.807	15.7	35.0	0.0	35.0	
7	13.5	24.5	19.0	80.1	17.178	15.1	0.9	0.0	0.9	
8	12.5	25.0	16.9	83.1	15.974	14.0	17.7	0.0	17.7	
9	11.0	27.0	17.4	76.8	14.277	12.1	1.5	0.0	1.5	
10	11.0	26.0	19.4	77.8	16.651	14.5	4.3	0.0	4.3	
11	13.0	26.3	18.9	79.0	16.842	14.8	0.2	0.0	0.2	
12	9.0	24.5	17.7	75.3	13.957	11.6	0.0	0.0	0.0	
13	10.0	25.0	19.3	71.3	14.471	12.1	0.1	5.9	6.0	
14	11.3	25.4	19.4	75.4	15.751	13.6	0.0	0.0	0.0	
15	11.5	27.0	19.3	75.0	15.509	13.3	2.8	1.1	3.9	
16	13.6	24.6	16.7	78.9	16.171	13.9	4.1	0.0	4.1	
17	12.0	26.4	19.4	75.2	15.662	13.4	0.0	2.1	2.1	
18	12.0	26.3	16.6	73.7	14.612	12.3	25.0	0.0	25.0	
19	9.5	27.0	18.0	78.8	15.241	13.0	2.3	2.1	4.4	
20	13.6	25.6	18.6	74.7	15.144	12.8	5.9	2.6	8.5	
21	13.5	26.5	18.8	79.7	16.772	14.7	0.0	8.6	8.6	
22	13.0	26.5	17.7	82.6	16.339	14.3	21.2	0.0	21.2	
23	10.5	25.3	18.1	74.8	14.621	12.5	2.3	0.2	2.5	
24	11.5	26.3	19.2	73.4	15.258	13.2	2.1	0.0	2.1	
25	13.5	26.6	19.5	70.3	15.071	12.7	0.0	0.0	0.0	
26	10.0	26.5	18.4	76.7	15.184	13.0	0.0	0.0	0.0	
27	9.5	28.0	19.0	75.7	15.103	12.7	0.5	8.9	9.4	
28	13.5	26.0	18.0	71.4	14.388	12.3	0.3	0.4	0.7	
29	12.0	26.0	19.0	79.8	16.905	14.8	0.0	2.6	2.6	
30	14.5	26.0	19.7	75.4	16.218	13.8	0.0	0.4	0.4	
PROM.	12.1	26.0	18.7	76.6	15.677	13.5	140.3	40.0	180.3	

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	13.6	26.0	19.1	76.0	16.081	13.9	0.5	1.1	1.6	
2	12.0	25.6	19.9	71.3	15.264	12.9	0.4	0.0	0.4	
3	11.5	25.0	16.7	81.9	15.264	13.3	0.0	0.0	0.0	
4	10.5	25.8	18.9	79.8	16.661	14.5	0.0	0.0	0.0	
5	12.5	24.5	19.4	76.7	16.088	13.7	0.0	4.4	4.4	
6	11.0	27.3	19.6	73.6	15.233	12.7	0.0	0.0	0.0	
7	12.0	26.0	17.9	69.8	13.349	10.9	0.0	0.8	0.8	
8	12.6	25.0	17.8	78.7	15.422	13.0	14.9	0.0	14.9	
9	10.5	26.3	17.2	81.8	15.754	13.8	11.3	0.0	11.3	
10	13.6	26.0	18.2	76.4	15.439	13.4	0.0	5.4	5.4	
11	12.5	26.4	18.3	78.8	15.669	13.8	22.4	5.2	27.6	
12	13.5	24.5	17.7	82.0	16.306	14.3	0.6	2.0	2.6	
13	14.0	24.3	17.8	81.3	16.465	14.4	28.5	1.1	29.6	
14	14.6	21.3	17.7	86.7	17.481	15.4	0.0	9.0	9.0	
15	14.4	23.1	18.4	81.9	16.994	14.8	0.2	19.1	19.3	
16	14.0	23.0	18.6	79.8	16.614	14.5	0.0	1.2	1.2	
17	14.0	26.5	19.1	74.6	15.754	13.7	0.0	0.0	0.0	
18	12.5	26.0	18.5	74.8	15.170	13.2	0.0	0.2	0.2	
19	15.5	25.3	19.5	76.1	16.820	14.7	0.0	6.0	6.0	
20	15.0	25.0	17.7	74.0	14.520	12.0	12.5	1.7	14.2	
21	11.5	25.6	18.5	75.9	15.687	13.5	0.0	4.5	4.5	
22	14.6	24.5	18.0	82.3	16.781	14.7	3.2	0.0	3.2	
23	13.5	26.3	18.7	75.4	15.867	13.9	0.0	0.0	0.0	
24	12.6	26.5	18.5	76.1	15.650	13.7	0.0	13.5	13.5	
25	14.4	24.0	17.3	83.5	16.614	14.6	10.1	0.0	10.1	
26	13.5	23.0	18.1	85.5	17.545	15.4	0.6	0.0	0.6	
27	14.2	24.6	17.9	81.4	16.449	14.4	0.0	0.0	0.0	
28	13.6	26.2	18.9	76.4	16.258	14.3	1.6	1.3	2.9	
29	14.5	26.0	19.5	80.2	17.543	15.3	6.1	1.6	7.7	
30	14.6	25.0	18.1	76.4	15.586	13.4	20.2	17.5	37.7	
31	15.0	23.0	17.9	84.3	17.515	15.4	0.1	0.5	0.6	
PROM.	13.3	25.1	18.4	78.5	16.066	13.9	133.2	96.1	229.3	

ESTACION: BERTHA  
 ALTITUD: 1.700

MUNICIPIO: MONQUIRA  
 LATITUD: 5-52 N.

AÑO: 1.983  
 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	14.0	26.0	19.1	75.9	16.006	13.8	0.8	0.0	0.8	
2	15.5	27.0	20.9	72.6	17.424	15.3	0.0	0.0	0.0	
3	15.6	25.5	20.4	80.2	18.884	16.6	0.0	0.0	0.0	
4	14.3	27.0	18.3	78.9	16.495	14.4	0.0	0.0	0.0	
5	12.4	28.0	19.6	76.4	16.961	14.9	0.0	0.0	0.0	
6	12.4	26.5	18.8	77.3	16.054	14.0	0.5	0.0	0.5	
7	10.5	26.3	18.4	78.9	16.134	14.1	0.0	0.0	0.0	
8	11.0	26.0	18.0	75.8	14.616	12.4	0.0	0.0	0.0	
9	13.0	27.0	19.0	79.0	17.126	15.1	0.0	0.0	0.0	
10	15.0	26.4	19.9	75.8	16.898	14.7	0.0	3.5	3.5	
11	15.6	24.5	18.5	77.6	16.048	13.8	0.0	25.9	25.9	
12	14.5	27.0	19.1	77.8	16.520	14.4	0.0	0.0	0.0	
13	15.5	26.5	19.9	69.2	15.374	13.3	0.0	0.0	0.0	
14	13.5	27.0	18.7	77.4	16.148	14.1	0.0	0.0	0.0	
15	11.5	26.6	18.0	78.4	15.451	13.4	1.1	10.4	11.5	
16	14.8	26.5	18.4	79.5	16.542	14.5	1.2	4.6	5.8	
17	13.6	24.0	18.4	78.9	16.344	14.3	1.8	0.0	1.8	
18	12.6	28.0	19.9	72.9	15.532	13.0	1.2	0.0	1.2	
19	12.5	27.3	19.5	70.3	14.992	13.0	0.0	0.0	0.0	
20	11.0	26.5	19.0	68.3	13.920	11.6	1.2	0.1	1.3	
21	14.5	27.0	20.3	75.2	16.808	14.1	1.1	0.0	1.1	
22	12.0	26.0	18.2	81.3	16.567	14.5	1.1	0.0	1.1	
23	12.5	27.0	18.3	76.2	15.239	13.2	0.0	2.8	2.8	
24	12.8	27.0	19.8	76.2	16.736	14.6	0.0	0.0	0.0	
25	10.5	27.0	19.2	73.1	14.942	12.6	0.0	0.9	0.9	
26	11.4	26.5	19.4	73.2	15.162	12.7	0.0	0.3	0.3	
27	12.0	26.5	19.2	72.7	15.234	12.8	0.0	8.9	8.9	
28	14.6	25.0	17.8	78.5	15.456	13.3	0.3	32.9	33.2	
29	13.5	25.0	18.9	76.4	15.988	13.8	0.0	0.0	0.0	
30	14.3	25.0	18.7	78.1	16.201	14.0	0.0	5.6	5.6	
PROM.	13.2	26.4	19.1	76.1	16.060	13.9	10.3	95.9	106.2	

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	12.5	25.2	17.8	77.2	15.014	12.7	17.9	0.0	17.9	
2	11.2	24.2	19.2	76.2	16.258	14.2	0.0	0.0	0.0	
3	12.0	26.0	18.1	78.7	15.624	13.5	4.0	0.0	4.0	
4	14.8	24.2	17.8	76.5	15.640	13.7	10.6	0.0	10.6	
5	14.0	23.6	18.2	78.9	16.549	14.5	0.2	0.0	0.2	
6	15.0	24.0	18.1	77.0	15.612	13.5	2.7	4.5	7.2	
7	14.0	23.0	17.6	82.1	16.030	13.9	1.0	1.0	2.0	
8	10.6	25.0	18.9	78.8	16.445	14.2	0.8	19.6	20.4	
9	14.4	22.2	17.2	84.2	16.472	14.4	4.0	0.0	4.0	
10	13.6	25.0	18.2	78.7	15.926	13.8	0.0	0.7	0.7	
11	12.2	25.0	18.4	78.9	16.254	14.2	0.0	0.3	0.3	
12	13.4	25.0	18.1	80.2	16.308	14.3	4.8	11.2	16.0	
13	13.2	24.0	17.8	79.7	15.736	13.4	3.4	2.6	6.0	
14	12.6	24.2	17.9	82.6	16.693	14.6	10.4	0.0	10.4	
15	13.3	25.6	19.3	75.5	16.632	14.4	0.2	0.0	0.2	
16	13.0	25.2	19.8	74.1	16.435	14.2	0.0	11.0	11.0	
17	14.3	26.0	19.3	77.7	16.691	14.5	0.0	0.5	0.5	
18	15.2	26.0	20.0	76.7	17.432	15.1	0.0	3.6	3.6	
19	13.2	26.2	19.9	75.3	16.876	14.8	0.0	0.0	0.0	
20	15.0	26.2	19.7	78.3	17.818	15.6	0.0	8.9	8.9	
21	13.2	27.0	19.6	78.0	17.119	15.0	3.5	19.2	22.7	
22	13.6	26.0	19.6	73.7	15.693	13.3	0.0	0.0	0.0	
23	12.0	27.0	20.9	69.8	15.790	13.4	0.0	0.9	0.9	
24	14.3	26.0	19.1	71.3	14.859	12.4	0.0	0.0	0.0	
25	13.6	26.3	19.6	72.3	15.934	13.9	0.0	0.0	0.0	
26	15.0	25.3	19.7	75.5	17.044	14.9	2.0	0.0	2.0	
27	10.0	26.3	19.1	74.5	15.214	12.9	0.0	0.0	0.0	
28	11.0	27.2	19.3	70.8	14.587	12.4	0.0	0.0	0.0	
29	11.0	27.2	19.6	74.0	15.594	13.4	0.0	4.8	4.8	
30	13.2	24.3	18.3	80.9	16.904	14.9	0.0	1.1	1.1	
31	15.0	26.6	20.9	78.3	18.952	16.6	0.0	0.0	0.0	
PROM.	13.2	25.3	18.9	77.0	16.262	14.1	65.5	89.9	155.4	

ESTACION: BERTHA

MUNICIPIO MONQUIRA

AÑO: 1.983

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	12.9	28.3	20.4	8.5	30.2	70.4	15.727	13.5	12.0	9	
FEBRERO	13.1	28.7	20.6	8.6	31.0	66.6	14.887	12.5	71.1	12	
MARZO	14.3	28.1	20.8	9.0	31.0	70.4	16.292	14.1	78.2	17	
ABRIL	14.7	26.2	19.5	12.6	29.6	75.5	16.523	14.3	260.3	26	
MAYO	14.6	26.4	19.2	11.4	29.0	80.9	17.743	15.5	341.5	28	
JUNIO	13.5	26.5	19.4	11.0	29.0	80.8	18.100	15.9	295.9	19	
JULIO	13.0	26.2	19.5	10.0	29.0	73.7	16.276	14.0	118.7	20	
AGOSTO	12.9	26.4	19.3	10.0	28.3	71.2	15.252	13.0	104.1	17	
SEPTIEMBRE	12.1	26.0	18.7	9.0	28.0	76.6	15.677	13.5	180.3	25	
OCTUBRE	13.3	25.1	18.4	10.5	27.3	78.5	16.066	13.9	229.3	25	
NOVIEMBRE	13.2	26.4	19.1	10.5	28.0	76.1	16.060	13.9	106.2	17	
DICIEMBRE	13.2	25.3	18.9	10.0	27.2	77.0	16.262	14.1	155.4	23	
PROMEDIO	13.4	26.6	19.5	10.1	29.0	74.8	16.239	14.0			
TOTAL									1953.0	238	

ESTACION: RAFAEL ESCOBAR  
 ALTITUD: 1.320

MUNICIPIO: SUPIA  
 LATITUD: 5-28 N.

AÑO: 1.983  
 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	18.5	29.9	23.6	69.5	19.828	17.4	0.0	3.3	3.3	5.6
2	18.5	28.0	22.8	79.8	22.221	19.2	0.3	6.5	6.8	2.2
3	18.2	28.0	22.1	79.8	21.143	18.4	0.0	2.1	2.1	2.8
4	18.7	26.0	21.1	79.0	20.010	17.5	0.0	0.2	0.2	0.3
5	18.5	28.0	22.8	72.7	19.669	17.3	0.0	0.0	0.0	0.7
6	18.5	29.8	23.7	65.9	18.447	16.1	0.0	0.0	0.0	4.8
7	18.4	29.0	23.4	71.3	20.138	17.6	0.0	32.7	32.7	3.6
8	18.5	28.6	23.0	74.2	20.818	18.1	0.0	0.0	0.0	0.0
9	17.9	29.5	23.8	69.8	19.873	17.4	0.0	0.0	0.0	5.7
10	17.5	29.5	23.8	72.2	20.785	18.1	0.0	0.0	0.0	3.6
11	19.9	29.5	23.7	73.7	21.282	18.5	0.0	0.0	0.0	4.9
12	15.4	25.0	23.2	69.4	19.485	17.1	0.0	2.1	2.1	0.3
13	19.0	25.5	23.4	73.7	20.665	18.0	0.0	0.0	0.0	5.1
14	18.2	29.0	23.7	67.8	19.483	17.1	0.0	0.0	0.0	2.1
15	17.5	29.5	23.6	69.5	19.557	17.1	0.0	0.0	0.0	7.2
16	20.0	30.0	24.1	68.1	20.079	17.5	0.0	0.0	0.0	5.9
17	19.4	30.0	24.7	69.1	20.664	18.0	0.0	0.0	0.0	6.0
18	17.9	30.0	24.4	68.2	20.212	17.6	0.0	0.0	0.0	4.1
19	18.0	30.7	24.8	68.3	20.685	18.1	0.0	0.0	0.0	3.8
20	18.2	31.0	24.2	71.5	21.137	18.4	0.0	0.0	0.0	4.1
21	18.3	31.8	24.8	68.1	20.635	18.0	0.0	0.0	0.0	6.8
22	18.4	31.2	24.8	69.5	21.338	18.5	0.0	0.0	0.0	4.9
23	19.6	31.2	25.2	69.5	21.707	18.7	0.0	0.0	0.0	4.3
24	18.4	31.2	24.6	67.4	20.110	17.6	0.1	0.0	0.1	6.3
25	19.0	31.2	24.9	68.3	20.538	18.2	0.0	0.0	0.0	4.3
26	19.2	31.3	25.2	70.4	22.265	19.2	0.0	2.3	2.3	1.2
27	19.2	29.2	23.5	77.7	22.260	19.2	0.0	0.0	0.0	0.2
28	19.4	30.2	24.9	70.1	21.287	18.5	0.0	0.0	0.0	3.5
29	18.7	30.2	24.5	69.1	20.498	17.9	0.0	0.0	0.0	3.2
30	19.0	30.5	24.3	68.3	20.203	17.6	0.0	9.9	9.9	4.1
31	18.7	28.5	23.1	76.4	21.746	18.8	0.0	1.7	1.7	4.8
PROM.	18.7	29.7	23.9	71.3	20.618	18.0	0.4	60.8	61.2	116.4

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.7	31.0	25.0	71.8	21.973	19.0	0.0	0.0	0.0	4.2
2	19.5	30.2	24.8	70.0	21.300	18.5	0.0	0.0	0.0	0.3
3	19.0	32.0	25.4	67.3	21.077	18.3	0.0	0.0	0.0	2.5
4	19.4	30.0	23.9	68.9	20.465	17.8	0.0	0.0	0.0	0.0
5	20.0	29.1	23.6	69.8	19.859	17.4	0.0	8.4	8.4	4.2
6	18.0	30.0	23.3	69.1	18.951	16.7	0.0	35.3	35.3	7.2
7	17.7	27.9	22.4	73.2	19.228	16.9	0.2	25.6	25.8	3.6
8	16.5	28.5	22.9	64.2	16.700	14.6	0.0	0.0	0.0	4.3
9	17.1	25.2	23.3	67.9	18.682	16.4	0.0	0.0	0.0	3.9
10	17.9	30.4	24.0	65.8	18.775	16.5	0.0	6.9	6.9	4.5
11	18.9	30.0	24.0	67.9	19.490	17.1	0.0	0.0	0.0	6.3
12	20.0	30.4	24.4	67.1	20.120	17.5	0.0	0.0	0.0	2.7
13	19.4	30.0	23.8	65.4	20.092	17.6	0.0	0.0	0.0	2.4
14	16.9	31.4	23.8	64.2	18.010	15.9	0.0	0.0	0.0	6.2
15	18.4	32.5	25.9	49.4	14.724	12.7	0.0	0.0	0.0	4.3
16	17.6	31.8	25.1	60.7	18.365	16.1	0.0	0.0	0.0	5.0
17	18.5	31.4	24.4	68.4	20.499	17.8	0.0	0.0	0.0	3.4
18	18.4	31.6	24.6	67.7	19.901	17.4	0.0	0.2	0.2	1.0
19	18.5	32.2	25.6	67.2	20.953	18.3	0.0	0.0	0.0	4.8
20	20.0	32.7	25.8	64.8	20.949	18.2	0.0	0.0	0.0	3.1
21	18.9	28.2	23.1	70.6	19.606	17.2	0.0	0.0	0.0	0.4
22	19.0	33.5	23.2	71.2	20.324	17.7	16.9	0.0	16.9	4.5
23	18.6	31.7	25.1	68.0	20.763	18.1	0.0	0.0	0.0	3.4
24	20.0	30.8	25.1	68.7	21.386	18.6	0.0	0.0	0.0	0.0
25	19.0	31.9	24.6	65.7	19.958	17.5	0.0	0.0	0.0	1.5
26	20.6	33.5	25.7	66.1	21.063	18.3	0.0	0.0	0.0	3.7
27	20.0	32.9	25.5	67.6	21.459	18.6	0.0	0.2	0.2	1.1
28	19.0	30.2	24.2	73.4	21.496	18.6	0.0	0.0	0.0	0.9
PROM.	18.8	30.9	24.4	67.4	19.866	17.3	17.1	76.6	93.7	89.4

ESTACION: RAFAEL ESCOBAR

MUNICIPIO: SAPIA

AÑO: 1.983

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	19.0	32.1	25.3	66.8	21.046	18.3	0.0	19.4	19.4	0.3
2	19.2	31.0	24.5	71.6	21.120	18.3	0.0	0.1	0.1	2.8
3	19.6	28.0	23.5	74.7	21.223	18.4	0.0	0.0	0.0	1.1
4	19.4	31.7	22.7	71.0	19.020	16.6	2.2	0.0	2.2	4.3
5	18.0	31.0	23.7	71.2	20.807	18.1	0.0	0.0	0.0	1.3
6	18.4	30.3	24.1	66.9	19.445	17.1	0.0	8.9	8.9	0.0
7	18.4	28.8	22.7	74.6	20.215	17.7	0.0	0.0	0.0	1.5
8	19.1	26.2	21.7	80.3	20.860	18.2	0.0	0.0	0.0	0.0
9	19.2	30.4	22.8	73.1	19.743	17.3	0.0	0.0	0.0	2.6
10	18.4	26.4	21.4	78.6	20.167	17.6	0.0	0.0	0.0	0.0
11	19.0	31.2	24.6	76.3	22.866	19.6	0.0	17.8	17.8	0.1
12	17.3	30.6	24.5	68.1	20.199	17.7	0.0	0.0	0.0	0.5
13	18.6	31.7	24.4	68.0	20.073	17.5	0.0	0.0	0.0	1.9
14	19.3	29.4	22.7	77.0	21.114	18.3	0.4	0.0	0.4	5.2
15	18.4	31.7	24.8	66.4	19.877	17.4	0.0	0.0	0.0	0.0
16	19.4	31.8	25.6	64.2	20.123	17.6	0.0	0.0	0.0	0.0
17	19.7	27.6	22.2	82.1	22.184	19.1	15.9	0.0	15.9	0.0
18	18.2	30.2	23.8	70.7	20.107	17.6	0.0	0.0	0.0	0.0
19	18.4	32.2	25.7	59.7	18.615	16.3	0.0	0.0	0.0	0.0
20	19.0	30.2	24.4	65.7	19.461	17.0	0.0	0.0	0.0	0.0
21	18.2	29.4	23.9	63.3	18.104	15.9	0.0	0.0	0.0	3.2
22	18.3	32.9	23.8	72.3	20.837	18.2	0.8	4.1	4.9	7.0
23	17.3	32.4	22.7	71.9	19.625	17.2	6.7	0.6	7.3	7.1
24	19.4	29.0	23.4	65.5	19.811	17.3	0.0	3.5	3.5	1.2
25	19.3	23.8	20.3	87.3	20.796	18.1	6.0	0.1	6.1	0.4
26	18.6	26.3	20.8	80.2	19.517	17.4	17.0	34.4	51.4	0.8
27	17.7	27.0	22.5	69.4	18.406	16.2	0.0	0.0	0.0	2.7
28	18.0	31.4	22.3	69.6	18.600	16.4	0.0	0.0	0.0	7.3
29	17.6	30.4	23.9	66.1	18.888	16.6	0.0	0.3	0.3	5.2
30	18.3	29.9	23.8	69.1	19.761	17.3	0.0	0.0	0.0	2.4
31	19.3	30.6	24.5	67.1	20.261	17.7	0.0	0.0	0.0	4.5
PROM.	18.6	29.9	23.5	71.4	20.106	17.5	49.0	89.2	138.2	63.4

## 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	18.1	30.4	24.0	69.3	20.185	17.6	0.0	0.0	0.0	5.9
2	19.0	30.5	24.8	67.0	20.302	17.7	0.0	0.0	0.0	1.5
3	19.0	24.3	22.2	77.3	20.851	18.2	27.9	0.0	27.9	3.2
4	18.0	28.7	23.2	77.8	21.931	19.0	0.0	0.0	0.0	0.1
5	18.6	29.8	24.3	71.8	21.385	18.6	0.0	4.8	4.8	1.6
6	19.3	27.5	22.6	79.3	21.593	19.0	0.0	18.6	18.6	0.0
7	18.0	25.0	19.8	85.3	20.024	17.5	14.6	2.8	17.4	0.1
8	18.0	28.5	23.0	72.1	19.749	17.3	0.0	0.0	0.0	6.2
9	18.2	23.6	20.0	85.4	20.242	17.7	4.3	0.2	4.5	0.0
10	18.0	28.7	22.4	73.1	19.557	17.2	0.0	1.8	1.8	1.3
11	17.6	26.3	20.1	82.9	19.617	17.2	27.1	0.0	27.1	0.0
12	17.6	28.9	22.3	74.7	19.874	17.4	5.0	7.2	12.2	4.8
13	18.2	26.1	21.0	83.0	20.932	18.2	11.0	0.1	11.1	0.4
14	18.6	27.3	22.2	77.2	20.357	17.8	0.0	3.3	3.3	0.0
15	18.9	29.9	23.2	74.1	20.804	18.1	1.2	25.0	26.2	1.3
16	18.5	26.0	21.9	78.3	20.308	17.8	0.1	0.0	0.1	0.0
17	18.7	28.5	22.7	77.1	21.116	18.3	0.1	8.9	9.0	1.0
18	19.4	26.0	21.1	83.3	21.101	18.4	19.2	3.2	22.4	0.0
19	18.0	28.2	23.1	78.4	21.670	18.8	0.0	48.2	48.2	1.0
20	17.8	29.2	24.2	68.3	19.933	17.5	0.0	15.4	15.4	4.0
21	18.0	24.8	20.8	82.5	20.101	17.6	1.7	1.7	3.4	0.0
22	18.0	27.9	22.5	72.7	19.481	17.1	0.0	0.0	0.0	1.2
23	19.6	28.5	24.2	69.5	20.627	18.0	0.0	6.6	6.6	0.0
24	19.5	27.5	22.4	80.1	21.744	18.8	0.0	0.0	0.0	0.0
25	18.0	29.4	23.5	68.8	19.403	17.0	0.0	1.4	1.4	0.6
26	19.0	27.5	21.8	80.8	21.293	18.5	2.1	0.1	2.2	0.0
27	19.0	27.6	22.6	76.1	20.565	18.0	0.0	46.9	46.9	0.0
28	17.5	26.0	21.5	76.1	19.107	16.8	0.3	0.0	0.3	0.0
29	17.5	26.7	20.4	77.9	18.851	16.6	2.7	2.6	5.3	0.0
30	16.8	27.5	22.0	73.3	19.119	16.8	0.0	12.5	12.5	2.3
PROM.	18.3	27.7	22.3	76.5	20.409	17.8	117.3	211.3	328.6	36.5

ESTACION: RAFAEL ESCOBAR

MUNICIPIO: SUPIA

AÑO: 1.983

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	17.9	27.5	22.0	76.5	19.855	17.4	2.8	0.0	2.8	0.0
2	18.4	29.0	23.2	71.2	20.071	17.6	0.0	1.4	1.4	0.0
3	17.7	28.0	22.6	74.0	19.821	17.3	0.0	12.7	12.7	0.0
4	17.4	28.2	21.8	76.3	19.857	17.4	0.0	0.0	0.0	2.0
5	19.2	27.8	22.6	76.0	20.847	18.2	0.0	0.0	0.0	0.5
6	18.5	27.9	23.0	77.5	21.456	18.6	0.0	0.0	0.0	0.4
7	18.8	27.3	22.9	74.5	20.684	18.0	0.0	0.0	0.0	0.0
8	18.7	28.7	23.3	74.9	21.389	18.6	0.0	0.0	0.0	1.0
9	18.9	29.4	24.0	71.1	20.980	18.3	0.0	1.3	1.3	0.9
10	18.4	29.3	24.5	74.1	21.987	19.0	0.0	0.0	0.0	3.2
11	20.0	29.1	24.6	73.8	22.501	19.4	0.0	5.9	5.9	0.0
12	19.5	27.2	22.8	77.0	21.149	18.4	0.0	0.0	0.0	0.6
13	18.9	28.9	23.5	70.6	19.987	17.5	0.0	0.0	0.0	0.6
14	18.6	28.5	22.7	75.2	20.671	18.0	0.1	1.8	1.9	0.6
15	20.0	27.0	22.7	78.6	21.646	18.8	0.1	24.5	24.6	0.0
16	19.2	23.0	20.2	90.5	21.332	18.5	23.5	0.0	23.5	0.0
17	18.5	27.3	22.4	77.4	20.652	18.0	0.0	9.3	9.3	0.0
18	18.4	25.9	20.9	82.2	20.384	17.8	1.3	1.2	2.5	0.2
19	18.9	26.6	20.8	80.6	20.167	17.6	8.7	0.2	8.9	0.0
20	17.9	28.1	21.5	78.6	20.113	17.6	2.9	0.1	3.0	0.8
21	18.6	26.3	22.1	76.8	20.323	17.8	0.0	2.4	2.4	0.2
22	17.5	28.3	21.1	76.7	19.211	16.9	2.1	0.0	2.1	1.3
23	17.2	28.6	23.1	74.3	20.813	18.1	0.0	12.2	12.2	1.4
24	19.0	27.7	22.3	78.2	21.153	18.4	1.5	0.0	1.5	0.4
25	18.5	28.0	23.2	74.3	20.594	18.0	0.0	10.8	10.8	0.0
26	18.0	28.4	22.9	76.6	21.095	18.3	0.0	3.8	3.8	2.3
27	19.2	28.0	23.0	76.9	21.414	18.6	0.0	1.8	1.8	0.4
28	19.5	24.9	20.8	82.6	20.683	18.0	5.5	11.8	17.3	0.0
29	17.9	28.4	21.3	77.6	20.023	17.5	15.4	33.7	49.1	0.6
30	18.6	28.9	22.9	75.1	20.805	18.1	3.6	0.0	3.6	0.0
31	19.0	28.1	23.4	72.1	20.563	18.0	0.0	0.0	0.0	0.0
PROM.	18.6	27.8	22.5	76.5	20.717	18.1	67.5	134.9	202.4	17.6

## 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	19.5	27.3	23.0	73.2	20.255	17.7	0.0	0.0	0.0	
2	19.5	28.4	22.9	75.4	20.922	18.2	0.0	0.0	0.0	
3	19.0	26.2	22.3	76.9	20.464	17.9	0.0	0.7	0.7	
4	18.7	25.5	21.6	78.2	20.030	17.5	0.0	16.3	16.3	
5	18.0	26.3	21.6	77.9	19.879	17.4	0.0	1.2	1.2	
6	18.4	27.6	22.0	77.0	20.386	17.6	0.0	0.0	0.0	
7	17.9	27.7	22.6	73.7	19.762	17.3	0.0	0.9	0.9	
8	19.0	23.2	20.2	83.3	19.936	17.4	1.7	0.4	2.1	
9	15.5	26.8	21.5	76.0	18.969	16.6	0.0	6.3	6.3	
10	18.7	28.7	22.9	72.5	20.066	17.5	0.0	38.7	38.7	
11	16.9	26.6	20.1	78.5	18.822	16.5	28.9	0.4	29.3	
12	16.0	27.7	21.7	73.8	18.692	16.4	0.0	0.0	0.0	
13	18.5	28.3	22.9	71.6	19.642	17.2	0.0	3.5	3.5	
14	19.0	28.6	23.9	73.5	21.340	18.5	0.0	0.0	0.0	
15	18.2	28.6	23.1	73.5	20.570	17.9	0.0	19.9	19.9	
16	18.0	28.3	23.2	70.1	19.676	17.2	0.0	0.0	0.0	
17	18.0	26.3	22.7	74.1	20.115	17.6	0.0	0.0	0.0	
18	18.0	28.4	23.8	71.4	20.505	17.9	0.0	0.0	0.0	
19	18.2	29.4	24.0	70.5	20.648	18.0	0.0	0.0	0.0	
20	18.5	27.1	22.5	75.1	20.509	17.9	0.6	0.0	0.6	
21	17.4	30.0	23.3	66.2	18.587	16.3	0.0	0.0	0.0	
22	17.9	25.4	23.5	78.9	22.855	19.5	0.0	0.0	0.0	
23	17.6	25.0	22.9	79.4	22.128	19.1	0.0	0.0	0.0	
24	17.9	26.7	22.8	83.2	23.005	19.7	0.0	0.0	0.0	
25	16.5	24.2	22.8	76.5	21.094	18.2	0.0	0.0	0.0	
26	17.6	28.8	23.0	80.1	22.009	19.0	0.0	0.0	0.0	
27	18.4	25.0	23.5	79.8	23.101	19.7	0.0	0.0	0.0	
28	18.6	28.4	21.9	82.6	22.389	19.2	3.6	0.5	4.1	
29	17.1	26.7	22.0	80.0	20.747	18.1	0.0	0.0	0.0	
30	16.6	27.9	22.5	68.7	18.148	16.0	0.0	0.0	0.0	
PROM.	18.0	27.8	22.6	75.7	20.510	17.8	34.8	88.8	123.6	

ESTACION: RAFAEL ESCOBAR  
 ALTITUD: 1.320

MUNICIPIO: SUPIA  
 LATITUD: 5-28 N.

AÑO: 1983  
 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	17.5	28.1	23.2	69.5	19.576	17.1	0.0	0.0	0.0	0.5
2	17.9	27.9	22.0	73.5	19.117	16.7	0.1	0.0	0.1	0.0
3	16.4	25.6	22.8	72.9	19.702	17.3	0.0	0.0	0.0	0.0
4	18.0	30.0	22.9	71.3	19.627	17.2	0.8	2.8	3.6	0.0
5	18.3	26.6	22.0	76.1	15.871	17.4	0.0	0.0	0.0	0.0
6	17.5	28.5	22.7	71.1	19.419	17.0	0.0	0.0	0.0	0.0
7	17.2	29.5	23.1	73.3	20.442	17.8	0.7	10.8	11.5	0.0
8	17.0	27.1	22.5	71.1	18.650	16.5	0.0	10.0	10.0	0.0
9	17.6	25.4	21.0	75.2	18.459	16.3	0.0	18.3	18.3	0.0
10	16.0	26.6	22.1	73.8	19.205	16.9	0.0	0.0	0.0	0.7
11	18.4	27.2	22.2	73.5	19.265	16.9	0.0	5.1	5.1	0.2
12	16.0	28.2	22.4	70.9	18.777	16.5	0.0	0.0	0.0	0.9
13	17.5	29.2	23.6	62.0	17.409	15.3	0.0	0.0	0.0	0.3
14	17.6	29.3	23.5	65.8	18.316	16.1	0.0	6.7	6.7	0.7
15	18.3	27.0	22.1	77.1	20.476	17.9	0.1	0.0	0.1	0.0
16	17.5	27.5	22.4	72.8	19.372	17.0	0.0	7.1	7.1	0.8
17	17.6	27.7	22.0	74.4	19.452	17.0	0.0	0.0	0.0	0.5
18	17.5	29.2	23.8	67.4	19.254	16.9	0.0	0.0	0.0	2.2
19	17.5	28.5	23.9	64.7	18.655	16.4	0.0	0.0	0.0	0.0
20	18.5	29.4	24.1	66.4	19.374	17.0	0.0	0.0	0.0	0.0
21	18.0	31.6	23.9	63.8	18.487	16.2	0.0	0.0	0.0	0.0
22	18.4	27.2	21.8	79.5	20.776	18.1	1.6	13.5	15.1	0.0
23	17.5	24.4	20.3	80.8	19.285	16.9	0.1	0.0	0.1	0.0
24	16.0	28.0	22.6	69.4	18.252	16.0	0.0	0.0	0.0	1.6
25	15.4	30.3	23.9	49.4	13.050	10.9	0.0	0.0	0.0	10.2
26	17.0	29.3	23.4	60.8	17.335	15.2	0.0	0.0	0.0	7.8
27	16.1	27.4	21.8	69.8	18.139	15.9	0.0	0.0	0.0	4.7
28	17.6	28.9	22.8	71.9	19.602	17.2	0.0	0.0	0.0	8.0
29	18.4	29.9	23.4	70.0	19.577	17.1	0.0	0.0	0.0	8.4
30	18.6	27.4	22.5	77.8	20.865	18.2	0.0	11.1	11.1	1.8
31	18.2	27.0	22.5	77.6	20.787	18.1	0.2	4.6	4.8	2.8
PROM.	17.5	28.2	22.7	70.8	19.052	16.7	3.6	90.0	93.6	52.1

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	26.2	21.8	76.8	19.885	17.4	0.0	2.3	2.3	4.5
2	17.2	26.7	22.5	74.5	19.973	17.5	0.0	52.7	52.7	3.5
3	16.5	27.2	20.7	78.4	19.115	16.8	2.4	0.3	2.7	5.4
4	16.0	27.7	21.9	73.4	18.698	16.4	0.1	0.2	0.3	6.5
5	18.5	24.7	20.5	84.5	20.410	17.8	4.3	0.0	4.3	1.0
6	17.3	26.9	21.9	73.8	19.050	16.7	0.0	0.5	0.5	5.0
7	17.9	28.4	22.7	71.4	19.163	16.8	0.0	0.0	0.0	8.9
8	16.5	28.3	22.6	69.0	18.461	16.2	0.0	0.0	0.0	7.6
9	16.7	29.4	23.0	62.6	16.941	14.9	0.0	0.0	0.0	8.1
10	18.5	29.4	23.6	64.5	18.578	16.4	0.0	0.0	0.0	7.5
11	16.0	30.3	22.8	62.4	16.882	14.6	0.0	0.5	0.5	10.1
12	17.0	28.5	22.1	71.8	18.546	16.3	0.1	0.0	0.1	6.8
13	17.8	30.8	24.0	66.2	18.810	16.6	0.0	0.0	0.0	8.0
14	18.0	30.7	24.0	62.6	17.727	15.6	0.0	0.0	0.0	8.6
15	17.5	30.7	24.4	62.2	18.334	16.1	0.0	0.0	0.0	9.5
16	18.4	31.4	24.7	62.4	18.926	16.6	0.0	0.0	0.0	7.6
17	18.3	30.8	24.5	66.1	19.781	17.3	0.0	0.0	0.0	7.7
18	18.4	28.4	22.2	71.8	19.121	16.8	0.0	0.0	0.0	4.9
19	17.2	28.4	22.3	72.5	19.280	16.9	0.0	0.0	0.0	3.2
20	17.0	30.4	23.4	67.7	18.956	16.6	0.0	0.0	0.0	8.7
21	17.5	29.0	23.1	71.4	19.916	17.4	0.0	0.0	0.0	5.7
22	17.5	31.6	24.9	63.8	19.010	16.7	0.0	0.0	0.0	9.3
23	16.6	29.6	23.5	68.8	19.683	17.3	0.0	2.7	2.7	6.2
24	18.4	27.6	22.8	70.8	19.169	16.8	0.0	0.0	0.0	3.0
25	17.4	28.4	22.4	73.4	19.497	17.1	0.0	0.2	0.2	4.4
26	18.1	27.8	22.8	72.1	19.630	17.2	0.0	0.0	0.0	1.8
27	17.9	31.0	24.2	63.1	18.454	16.2	0.0	5.3	5.3	4.9
28	17.5	26.3	20.4	81.7	19.925	17.5	1.4	2.0	3.4	0.1
29	17.4	26.5	20.1	80.4	19.169	16.8	29.7	13.1	42.8	3.4
30	17.9	28.3	22.8	73.1	20.023	17.5	0.0	0.0	0.0	7.6
31	17.7	30.5	24.0	64.4	18.252	16.0	0.0	0.0	0.0	8.6
PROM.	17.6	28.8	22.8	70.2	19.012	16.7	38.0	79.8	117.8	188.5

ESTACION: RAFAEL ESCOBAR

MUNICIPIO: SUPIA

AÑO: 1.983

ALTITUD: 1.320

LATITUD: 5-28 N.

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	16.9	29.9	23.6	65.2	17.915	15.8	0.0	0.0	0.0	10.1
2	18.5	30.2	23.3	70.1	19.536	17.1	0.0	0.0	0.0	6.6
3	18.4	28.2	23.0	71.3	19.684	17.2	0.0	0.0	0.0	2.5
4	18.4	30.7	22.6	68.3	18.319	16.1	0.0	6.5	6.5	6.7
5	17.0	28.5	21.3	77.0	19.361	17.0	1.5	13.8	15.3	7.3
6	17.8	25.8	21.2	77.5	19.387	17.0	0.0	1.6	1.6	1.6
7	17.2	26.2	21.7	75.2	19.155	16.8	0.0	0.0	0.0	3.2
8	17.2	28.1	21.4	77.7	19.842	17.4	0.9	3.0	3.9	6.4
9	15.9	27.3	21.6	72.7	18.186	16.0	0.0	0.0	0.0	7.3
10	18.4	27.6	20.5	79.1	19.330	17.0	10.4	2.5	12.9	5.2
11	16.0	27.7	21.6	74.4	18.934	16.6	0.0	0.0	0.0	5.7
12	16.0	28.8	22.5	66.4	17.546	15.4	0.0	0.0	0.0	9.8
13	17.0	28.6	22.4	66.9	17.921	15.8	0.0	2.8	2.8	6.4
14	17.2	27.2	21.7	74.9	19.180	16.8	0.0	0.0	0.0	5.8
15	18.4	28.5	22.1	75.1	19.957	17.5	0.6	0.4	1.0	7.4
16	18.1	28.4	21.2	75.8	19.417	17.0	1.3	11.5	12.8	4.8
17	17.3	28.4	22.7	71.4	19.255	17.0	0.0	0.0	0.0	7.2
18	17.4	28.8	22.9	68.9	18.901	16.6	0.0	0.8	0.8	9.0
19	16.2	29.4	23.0	69.0	18.702	16.4	0.0	0.4	0.4	9.8
20	18.9	28.7	22.0	75.9	19.921	17.4	0.7	3.8	4.5	6.2
21	17.4	27.2	22.0	72.1	18.585	16.4	0.0	46.5	46.5	5.7
22	16.0	26.5	20.7	76.6	18.423	16.2	1.5	0.0	1.5	5.3
23	16.3	29.0	22.7	69.1	18.291	16.1	0.0	6.1	6.1	9.1
24	16.4	28.0	22.7	70.9	19.198	16.9	0.0	0.0	0.0	7.2
25	16.9	30.2	23.2	69.2	19.054	16.7	0.0	0.0	0.0	8.4
26	17.7	28.8	23.5	66.1	18.751	16.5	0.0	0.0	0.0	5.8
27	17.7	30.3	24.0	67.7	19.456	17.1	0.0	0.0	0.0	9.9
28	18.3	28.4	23.2	72.7	20.375	17.8	0.0	0.0	0.0	4.1
29	18.5	29.2	23.9	68.6	19.728	17.3	0.0	0.0	0.0	8.8
30	18.3	29.4	23.2	71.6	19.800	17.3	0.0	0.0	0.0	5.2
PROM.	17.4	28.5	22.4	71.9	19.073	16.7	16.9	99.7	116.6	198.5

## 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	18.4	29.6	23.2	67.6	19.093	16.8	0.1	5.0	5.1	6.6
2	17.5	30.2	22.8	66.3	18.044	15.9	0.0	0.7	0.7	6.5
3	17.2	27.1	21.9	76.2	19.800	17.3	1.2	3.5	4.7	3.3
4	17.1	28.3	21.2	77.9	19.517	17.1	4.4	0.9	5.3	6.4
5	17.8	28.4	22.7	73.8	19.973	17.5	0.0	0.0	0.0	3.1
6	17.3	29.4	23.3	64.8	18.181	16.0	0.0	0.0	0.0	7.0
7	17.4	26.4	22.0	72.2	18.745	16.5	0.0	0.0	0.0	0.0
8	16.5	29.7	22.6	68.5	18.097	15.9	0.0	0.0	0.0	7.0
9	18.5	28.6	23.0	67.7	18.694	16.4	0.0	1.0	1.0	5.8
10	16.5	27.9	21.9	73.4	18.689	16.4	0.0	0.0	0.0	4.6
11	17.7	29.8	22.5	66.2	18.208	15.9	0.0	0.3	0.3	3.4
12	17.2	29.3	22.2	71.6	18.581	16.3	0.0	14.4	14.4	4.9
13	16.7	26.3	21.7	74.9	18.829	16.5	0.0	0.0	0.0	4.4
14	17.7	26.0	19.4	86.1	19.618	17.2	4.4	0.1	4.5	2.6
15	17.4	22.6	19.0	86.4	19.219	16.9	7.2	5.7	12.9	0.1
16	16.0	24.2	18.4	83.8	17.981	15.8	8.0	1.0	9.0	2.8
17	15.5	27.6	21.6	66.8	16.770	14.7	0.0	0.0	0.0	9.7
18	16.5	28.4	22.5	65.6	17.689	15.6	0.0	0.0	0.0	7.3
19	17.2	24.5	19.6	83.5	19.508	17.1	15.3	0.5	15.8	0.2
20	15.8	26.3	20.3	80.0	15.032	16.7	3.6	1.0	4.6	3.2
21	16.0	25.4	19.5	81.4	18.585	16.3	0.9	3.4	4.3	1.8
22	16.0	27.5	21.4	70.6	17.445	15.3	0.0	0.2	0.2	7.0
23	17.5	27.9	22.3	73.6	19.848	17.4	0.0	0.0	0.0	7.3
24	16.8	29.5	23.0	67.9	18.565	16.3	0.0	0.0	0.0	8.6
25	17.3	26.9	20.3	80.6	19.824	17.4	8.7	0.1	8.8	2.3
26	16.0	28.3	21.0	75.8	18.806	16.5	0.0	0.2	0.2	4.8
27	17.1	27.5	21.7	78.5	20.341	17.8	0.0	0.0	0.0	1.7
28	18.2	25.9	20.7	80.4	19.951	17.5	10.5	35.3	45.8	2.6
29	16.4	25.8	20.5	76.1	18.201	16.0	0.1	18.8	18.9	0.2
30	17.5	23.7	19.4	82.3	18.757	16.5	19.4	0.6	20.0	0.9
31	16.5	27.3	20.7	77.8	18.839	16.6	0.0	0.0	0.0	4.4
PROM.	17.0	27.3	21.4	74.8	18.820	16.5	83.8	92.7	176.5	130.5

ESTACION: RAFAEL ESCOBAR  
 ALTITUD: 1.320

MUNICIPIO: SUPIA  
 LATITUD: 6-28 N.

AÑO: 1.982  
 LONGITUD: 75-39 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	16.8	29.3	22.8	69.7	18.805	16.5	0.0	3.5	3.5	9.4
2	18.0	25.7	21.4	77.4	19.567	17.1	5.6	9.9	15.5	1.1
3	17.7	27.2	21.9	73.5	19.053	16.7	2.1	26.5	28.6	4.0
4	16.8	27.9	22.1	77.0	20.387	17.8	0.0	0.0	0.0	6.8
5	18.0	28.2	23.0	73.5	20.584	18.0	0.0	0.0	0.0	3.4
6	17.1	27.2	22.2	73.0	19.522	17.1	0.0	0.0	0.0	3.3
7	17.9	28.5	23.3	74.0	20.802	18.1	0.0	0.0	0.0	7.7
8	18.1	24.4	21.2	81.9	20.586	18.0	0.0	J.0	0.0	0.0
9	17.8	29.5	23.3	69.3	19.252	16.9	0.0	21.5	21.5	8.6
10	17.6	27.4	21.6	76.6	19.813	17.3	0.0	J.0	0.0	5.2
11	17.2	25.7	20.9	77.8	19.331	16.9	0.0	3.7	3.7	2.9
12	17.4	27.2	22.5	73.9	19.707	17.3	0.0	0.0	0.0	4.0
13	17.3	28.4	21.8	73.2	19.014	16.7	3.0	0.2	3.2	5.1
14	15.7	26.7	20.8	78.0	19.086	16.8	2.9	16.6	19.5	4.7
15	14.5	27.2	21.5	75.3	18.919	16.6	0.0	16.5	16.5	5.5
16	16.5	27.5	22.1	73.7	19.175	16.8	0.0	5.9	5.9	8.6
17	16.5	27.9	20.8	77.9	19.201	16.9	0.0	J.6	J.6	6.8
18	16.9	27.2	22.3	76.6	20.124	17.6	0.0	0.0	0.0	7.5
19	18.6	28.5	23.5	73.7	20.912	18.2	0.0	0.0	0.0	6.1
20	17.2	29.0	22.7	72.5	19.741	17.3	0.0	0.0	0.0	6.4
21	18.0	28.0	23.3	72.6	20.533	17.9	0.0	4.3	4.3	0.6
22	18.5	29.0	23.0	74.2	20.469	17.9	0.0	0.0	0.0	7.6
23	17.6	29.0	23.1	71.7	20.018	17.5	0.0	0.0	J.0	6.7
24	17.0	27.0	20.2	77.1	18.451	16.2	3.3	0.0	3.3	4.9
25	16.4	28.2	21.8	73.8	18.793	16.5	0.3	0.0	0.3	8.0
26	17.0	28.2	21.9	72.8	18.816	16.5	0.0	0.0	0.0	3.9
27	15.8	27.6	20.6	75.0	18.133	16.0	0.3	1.5	1.8	6.2
28	17.5	26.0	20.8	78.4	19.073	16.7	0.0	2.2	2.2	1.7
29	17.0	27.0	20.7	74.9	18.004	15.8	1.0	0.0	1.0	1.9
30	16.9	25.0	19.0	85.3	18.914	16.6	1.6	J.0	1.6	0.4
PROM.	17.2	27.5	21.9	75.1	19.493	17.1	20.1	112.9	133.0	149.8

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	15.7	26.0	19.6	81.1	18.158	16.0	0.2	0.4	0.6	3.4
2	15.9	28.0	21.9	71.5	18.305	16.1	0.0	0.0	J.0	7.8
3	18.0	26.5	21.0	76.4	18.938	16.6	0.0	45.9	45.9	4.8
4	17.2	26.0	20.8	76.8	18.823	16.5	0.0	5.7	5.7	1.7
5	17.2	23.0	19.1	81.2	18.049	15.8	4.3	0.0	4.3	0.1
6	16.7	25.5	19.8	81.4	18.868	16.6	5.5	0.2	5.7	3.6
7	17.0	26.0	20.1	75.3	17.644	15.5	0.0	0.0	0.0	6.1
8	15.8	26.5	20.9	72.9	17.531	15.4	0.0	J.0	J.0	5.5
9	16.1	27.5	21.6	74.6	18.862	16.6	0.0	32.9	32.9	3.7
10	15.5	26.5	19.7	78.8	18.135	16.0	0.4	0.0	0.4	4.5
11	16.4	27.5	20.8	71.5	17.364	15.3	0.0	0.0	J.0	5.0
12	15.4	27.0	19.8	73.1	16.682	14.7	0.0	0.0	J.0	4.6
13	15.0	27.5	20.6	73.7	17.465	15.4	0.0	0.0	0.0	5.2
14	16.9	26.5	21.5	76.5	19.076	16.7	0.0	0.0	J.0	4.8
15	16.6	28.5	21.9	72.7	18.811	16.5	0.0	0.0	0.0	5.9
16	17.9	27.0	21.6	78.1	20.025	17.5	0.0	0.1	0.1	3.1
17	18.3	25.0	20.5	80.0	19.536	17.1	0.4	0.0	0.4	1.6
18	16.4	27.0	22.0	72.4	18.711	16.5	0.0	23.1	23.1	4.3
19	15.7	27.5	21.4	75.2	18.655	16.4	0.0	2.8	2.8	7.7
20	17.0	27.0	21.8	76.5	19.381	17.0	0.0	24.2	24.2	6.0
21	17.0	28.0	21.9	76.0	19.871	17.4	0.0	J.0	J.0	5.9
22	17.3	27.5	21.2	75.0	18.859	16.6	2.3	0.0	2.3	5.4
23	16.5	27.5	21.9	73.6	18.740	16.5	0.0	0.0	0.0	4.7
24	17.5	29.0	22.8	69.8	19.386	17.0	0.0	0.0	0.0	5.0
25	17.0	29.5	22.3	71.6	19.054	16.7	0.0	0.0	0.0	6.7
26	17.0	25.5	20.1	86.0	20.968	18.2	0.5	0.0	0.5	0.4
27	15.4	27.5	21.5	73.0	18.122	16.0	0.0	0.0	0.0	7.2
28	16.4	28.4	22.2	73.3	19.092	16.8	0.0	0.0	0.0	8.4
29	17.5	26.0	21.5	76.5	19.672	17.2	0.0	14.1	14.1	0.2
30	17.9	24.7	20.1	85.2	20.242	17.7	1.6	9.0	10.6	1.3
31	16.7	26.5	21.0	77.3	18.935	16.6	7.9	7.1	15.0	5.2
PROM.	16.7	26.8	21.1	76.0	18.773	16.5	23.1	165.5	188.6	139.9

ESTACION: RAFAEL ESCOBAR

MUNICIPIO SUPIA

AÑO: 1.983

ALTITUD: 1.320

LATITUD: 5-28 N.

LONGITUD: 75-39 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	18.7	29.7	23.9	17.5	31.8	71.3	20.618	18.0	61.2	10	116.4
FEBRERO	18.8	30.9	24.4	16.5	33.5	67.4	15.866	17.3	93.7	7	89.4
MARZO	18.6	29.9	23.5	17.3	32.9	71.4	20.106	17.5	138.2	13	63.4
ABRIL	18.3	27.7	22.3	16.8	30.5	76.5	20.409	17.8	328.6	24	36.5
MAYO	18.6	27.8	22.5	17.2	29.4	76.5	20.717	18.1	202.4	22	17.6
JUNIO	18.0	27.8	22.6	15.5	30.0	75.7	20.510	17.8	123.6	12	
JULIO	17.5	28.2	22.7	15.4	31.6	70.8	19.052	16.7	93.6	13	52.1
AGOSTO	17.6	28.3	22.8	16.0	31.6	70.2	19.012	16.7	117.8	13	188.5
SEPTIEMBRE	17.4	28.5	22.4	15.9	30.7	71.9	19.073	16.7	116.6	14	198.5
OCTUBRE	17.0	27.3	21.4	15.5	30.2	74.8	18.820	16.5	176.5	19	130.5
NOVIEMBRE	17.2	27.5	21.9	14.5	29.5	75.1	15.493	17.1	133.0	17	149.8
DICIEMBRE	16.7	26.8	21.1	15.0	29.5	76.0	18.773	16.5	188.6	17	139.9
PROMEDIO	17.9	28.4	22.6	16.1	30.9	73.1	15.704	17.2			
TOTAL									1773.8	181	

ESTACION: SANTA ELENA

MUNICIPIO: MARQUETALIA AÑO: 1.983

ALTITUD: 1.450

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	16.8	25.0	21.7	95.2	24.123	20.4	1.1	2.3	3.4	1.6
2	17.0	24.5	19.7	92.8	21.563	16.7	1.9	0.0	1.9	
3	16.8	24.2	20.8	90.3	22.299	19.2	0.0	5.0	5.0	
4	17.5	25.5	20.5	87.7	21.484	18.6	0.0	12.0	12.0	
5	16.5	24.7	20.6	80.6	19.680	17.1	0.0	0.0	0.0	
6	17.8	24.5	21.0	92.2	22.982	19.7	0.0	0.0	0.0	
7	18.0	26.5	21.9	83.9	22.428	19.3	0.0	0.0	0.0	
8	19.0	25.0	21.5	87.0	22.393	19.2	0.0	0.0	0.0	
9	18.5	26.5	22.1	76.1	20.592	17.8	0.0	0.0	0.0	
10	18.5	25.7	22.0	80.7	21.538	18.6	0.0	16.0	16.0	
11	18.0	25.5	21.7	86.9	22.462	19.3	0.0	0.0	0.0	
12	18.5	25.2	20.4	92.7	22.551	19.4	0.0	0.0	0.0	
13	18.0	26.0	21.2	84.7	21.644	18.7	0.0	2.0	2.0	
14	18.0	23.0	20.3	92.8	22.195	19.1	0.0	0.0	0.0	
15	17.5	24.5	21.0	90.8	22.614	19.4	0.0	0.0	0.0	
16	18.0	24.0	20.5	91.8	22.303	19.2	0.0	0.0	0.0	
17	17.5	25.2	21.8	83.4	21.916	18.9	0.0	0.0	0.0	
18	17.0	25.7	21.8	92.2	24.023	20.4	0.0	0.0	0.0	
19	18.3	27.0	22.6	75.7	20.550	17.9	0.0	0.0	0.0	
20	18.5	27.5	22.3	85.6	23.104	19.7	0.0	0.0	0.0	
21	19.0	29.0	24.3	61.8	18.997	16.6	0.0	0.0	0.0	
22	19.5	29.5	23.7	73.2	21.594	18.5	0.0	0.0	0.0	
23	19.0	29.0	23.5	79.1	22.820	19.5	0.0	0.0	0.0	
24	18.5	29.0	22.4	83.3	22.498	19.4	0.0	0.0	0.0	
25	18.7	26.5	22.2	84.0	22.583	19.4	0.0	0.0	0.0	
26	18.0	27.2	22.3	83.7	22.662	19.5	0.0	0.0	0.0	
27	18.5	27.5	22.3	85.5	22.840	19.6	0.0	24.0	24.0	
28	17.2	25.0	20.7	92.4	22.768	19.5	0.0	0.0	0.0	
29	17.8	24.5	21.0	94.1	23.320	19.9	0.0	0.0	0.0	
30	17.6	25.0	20.5	88.2	21.292	18.5	0.0	0.0	0.0	
31	17.5	26.5	20.7	92.4	22.736	19.5	0.0	0.0	0.0	
PROM.	18.0	25.9	21.6	85.8	22.147	19.0	9.0	63.6	72.6	

## 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	17.2	25.9	21.4	83.1	21.267	18.4	0.0	0.0	0.0	1.7
2	18.5	26.0	22.1	82.6	21.940	18.9	0.0	0.0	0.0	7.6
3	19.2	27.9	23.1	79.9	22.292	19.2	0.0	25.0	25.0	1.0
4	17.6	24.0	20.5	92.3	22.321	19.2	1.7	0.0	1.7	0.3
5	17.5	22.5	20.1	92.7	21.782	18.6	0.0	1.2	1.2	2.2
6	18.0	26.0	21.4	80.6	20.771	18.0	0.0	0.0	0.0	5.1
7	17.0	25.0	20.8	88.1	21.931	18.9	0.0	0.0	0.0	7.3
8	16.5	26.9	21.1	81.6	20.465	17.7	0.0	23.2	23.2	4.7
9	17.0	25.3	20.2	89.3	21.378	18.5	0.0	0.0	0.0	6.5
10	17.5	26.2	21.4	85.6	21.733	18.8	0.0	0.0	0.0	6.5
11	17.5	26.5	21.2	81.9	20.606	18.0	0.0	0.0	0.0	3.4
12	18.0	26.6	21.9	81.3	21.253	18.4	0.0	0.0	0.0	4.8
13	17.5	26.8	21.7	86.3	22.222	19.2	24.0	0.0	24.0	5.5
14	17.0	25.8	21.0	89.7	22.467	19.3	0.2	0.0	0.2	10.1
15	17.0	30.4	22.9	56.3	15.601	13.2	0.0	0.0	0.0	5.8
16	17.6	28.0	23.3	67.6	19.476	17.0	0.0	0.0	0.0	4.5
17	17.6	26.5	21.9	88.7	23.459	20.0	6.1	0.0	6.1	1.9
18	16.0	24.5	19.8	91.6	21.505	18.6	0.0	4.4	4.4	9.5
19	17.5	27.0	22.9	73.3	20.426	17.8	0.0	0.0	0.0	8.7
20	18.5	27.5	22.7	84.2	23.340	19.9	0.0	0.0	0.0	0.9
21	18.0	22.0	19.5	97.1	21.690	18.8	34.9	0.0	34.9	6.3
22	18.0	28.2	23.4	68.7	19.643	17.2	0.0	0.0	0.0	8.2
23	19.3	28.0	23.0	70.6	19.966	17.5	0.0	0.0	0.0	3.8
24	19.5	25.0	21.2	89.6	22.929	19.6	0.0	0.0	0.0	7.5
25	17.5	27.2	22.1	75.9	19.790	17.3	0.0	0.2	0.2	10.4
26	18.5	28.5	23.3	64.8	18.469	16.3	0.0	0.0	0.0	10.0
27	18.5	29.5	23.4	74.5	21.221	18.3	0.0	4.8	4.8	10.0
28	17.5	26.5	21.8	80.1	20.816	18.1	0.0	0.0	0.0	3.6
PROM.	17.8	26.4	21.8	81.4	21.106	18.2	66.9	58.8	125.7	

ESTACION: SANTA ELENA

MUNICIPIO: MARQUETALIA AÑO: 1.983

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	18.0	29.0	23.6	73.0	21.072	18.3	0.0	68.5	68.5	8.2
2	17.5	24.5	20.4	93.7	22.528	19.4	1.3	0.0	1.3	2.4
3	18.0	25.5	20.4	94.5	22.820	19.6	0.0	0.0	0.0	3.6
4	18.0	27.5	21.6	90.3	23.611	20.1	0.0	22.8	22.8	6.8
5	17.0	26.5	22.3	88.4	24.002	20.2	0.0	103.7	103.7	5.7
6	15.0	25.9	21.2	95.8	24.364	20.6	6.7	87.8	94.5	2.4
7	15.6	24.0	20.3	94.1	22.203	19.1	0.7	0.0	0.7	0.3
8	17.0	23.5	19.9	99.1	23.382	20.0	0.0	0.0	0.0	0.2
9	17.0	25.0	21.1	93.5	23.777	20.2	0.0	0.0	0.0	2.0
10	17.8	22.5	18.8	92.9	20.087	17.5	3.2	0.0	3.2	0.0
11	18.2	27.0	22.7	87.1	24.399	20.5	0.0	48.1	48.1	7.0
12	16.5	25.8	20.6	95.2	23.352	19.9	0.0	0.0	0.0	1.2
13	18.0	22.5	19.5	97.9	22.225	19.2	0.0	0.2	0.2	0.1
14	17.5	22.2	19.7	97.1	22.361	19.3	0.6	0.0	0.6	0.0
15	17.7	27.5	22.9	75.6	21.301	18.4	0.0	0.0	0.0	10.5
16	19.5	26.5	23.7	76.3	22.473	19.2	0.0	0.0	0.0	8.3
17	19.5	27.0	21.6	91.6	24.074	20.4	0.2	0.0	0.2	2.0
18	18.5	27.0	21.6	91.4	23.893	20.3	0.4	0.0	0.4	4.4
19	18.5	28.8	23.3	85.8	24.891	20.9	0.0	0.0	0.0	5.7
20	19.0	27.0	23.8	77.8	23.032	19.6	0.0	0.0	0.0	0.0
21	18.9	26.5	20.6	79.7	19.302	16.9	9.9	0.0	9.9	0.0
22	17.5	27.0	22.3	85.6	23.494	19.9	0.0	5.6	5.6	4.9
23	18.0	27.0	22.6	83.1	23.062	19.7	0.0	1.8	1.8	7.4
24	17.5	25.5	21.5	90.5	23.663	20.1	0.2	0.4	0.6	3.0
25	18.3	23.5	20.6	93.5	22.904	19.6	0.0	8.2	8.2	0.5
26	18.0	25.0	20.2	95.5	22.853	19.6	0.0	21.1	21.1	0.6
27	15.5	24.5	19.9	91.2	21.077	18.3	0.0	0.0	0.0	3.3
28	16.7	26.0	21.5	84.5	21.950	18.9	0.0	13.7	13.7	4.5
29	17.0	27.8	21.9	87.5	23.011	19.7	0.0	74.5	74.5	8.2
30	16.5	26.2	21.8	86.5	22.884	19.5	0.0	0.0	0.0	5.3
31	18.0	25.5	21.3	91.3	23.515	20.0	0.0	0.0	0.0	3.1
PROM.	17.6	25.9	21.4	89.0	22.826	19.5	23.2	456.4	479.6	111.6

## M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.3	27.1	22.6	77.3	21.308	18.5	0.3	0.0	0.3	6.2
2	17.6	27.0	21.9	87.6	23.556	20.0	0.0	0.0	0.0	1.6
3	19.6	26.5	22.4	90.1	24.628	20.8	0.0	0.0	0.0	2.7
4	18.5	25.8	21.8	84.3	22.085	19.1	0.0	0.3	0.3	2.8
5	17.5	26.0	22.2	81.2	21.875	18.9	0.0	76.4	76.4	3.3
6	16.5	26.5	22.1	68.8	18.514	16.1	0.0	59.3	59.3	4.0
7	15.5	24.0	19.6	89.1	20.567	17.8	10.8	31.9	42.7	0.4
8	16.5	25.5	20.4	81.3	19.427	17.0	0.1	8.2	8.5	3.7
9	16.9	23.5	20.3	91.7	21.954	19.0	2.2	2.8	5.0	0.1
10	16.0	24.5	21.3	86.9	22.022	19.0	2.1	0.4	2.5	0.5
11	17.5	26.0	20.5	80.8	19.876	17.3	0.0	0.0	0.0	1.7
12	17.6	25.0	20.7	85.4	21.040	18.3	2.2	5.7	7.9	1.8
13	17.5	24.7	20.9	85.2	21.265	18.5	3.8	1.6	2.4	1.3
14	18.2	22.5	19.9	87.4	20.306	17.7	1.0	0.0	1.0	1.3
15	18.0	25.8	21.6	83.3	21.715	18.8	0.0	25.9	25.9	5.2
16	18.0	24.5	20.7	87.3	21.195	18.4	0.7	0.0	0.7	1.0
17	17.5	25.6	21.9	88.1	23.172	19.9	3.1	65.8	68.9	2.3
18	16.5	21.0	19.0	91.7	20.508	17.9	0.0	62.2	62.2	0.0
19	17.7	24.5	20.8	90.4	22.326	19.2	0.0	0.0	0.0	3.7
20	18.0	26.2	21.7	90.7	23.555	20.1	0.0	5.1	5.1	2.6
21	17.5	24.6	19.3	88.8	20.104	17.5	5.3	1.0	6.3	1.4
22	17.5	25.5	21.3	75.0	19.080	16.6	0.0	0.3	0.3	6.5
23	18.0	25.3	22.3	86.6	23.266	19.9	0.0	24.6	24.6	3.3
24	17.5	25.8	21.3	82.2	20.282	17.5	0.2	0.0	0.2	4.7
25	17.7	26.0	21.9	81.2	21.487	18.5	0.0	6.8	6.8	5.7
26	17.0	25.2	19.9	85.7	20.278	17.7	0.0	2.1	2.1	1.8
27	18.2	23.0	21.4	85.4	21.939	19.0	0.4	52.2	52.6	0.0
28	16.5	24.5	20.8	85.4	21.210	18.4	2.7	3.2	5.9	1.4
29	16.0	22.3	19.5	89.0	20.217	17.7	17.0	0.0	17.0	0.0
30	18.0	24.6	21.2	81.6	20.647	17.8	0.0	1.5	1.5	4.9
PROM.	17.5	25.0	21.0	85.0	21.314	18.4	48.9	437.3	486.2	75.9

ESTACION: SANTA ELENA

MUNICIPIO: MARGUETALIA AÑO: 1.983

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	18.0	25.0	21.3	84.3	21.443	18.5	0.0	46.6	46.6	2.1
2	16.2	25.2	21.3	71.9	18.674	16.0	0.0	0.7	0.7	4.8
3	19.0	26.2	22.5	78.7	21.866	18.9	0.0	25.5	25.5	4.6
4	17.5	26.5	21.2	79.0	20.208	17.5	0.0	0.0	0.0	9.1
5	18.2	27.0	22.8	81.0	22.840	19.5	0.0	10.7	10.7	8.0
6	17.6	26.0	21.5	86.4	22.049	19.0	0.0	0.0	0.0	5.7
7	17.6	25.5	21.6	82.1	21.055	18.3	0.0	0.8	0.8	3.7
8	16.4	26.5	22.8	76.3	20.960	18.2	0.0	0.0	0.0	8.8
9	18.5	27.5	22.7	73.9	20.933	18.2	0.0	0.1	0.1	8.3
10	18.6	26.0	22.4	77.7	21.223	18.4	0.0	0.0	0.0	8.9
11	19.0	27.0	22.7	66.6	18.930	16.5	0.0	0.0	0.0	6.0
12	19.6	27.0	22.4	74.5	21.798	18.8	0.0	0.0	0.0	7.6
13	18.0	26.2	22.7	74.1	20.527	17.9	0.0	0.0	0.0	5.7
14	18.0	26.5	22.5	76.5	21.186	18.4	0.0	0.0	0.0	6.6
15	19.0	24.5	21.4	86.2	22.217	19.2	0.0	40.4	40.4	2.5
16	17.0	23.5	20.2	85.7	20.403	17.8	8.8	0.0	8.8	1.6
17	18.5	25.0	20.8	86.2	21.501	18.6	0.0	1.3	1.3	0.2
18	17.7	24.5	19.4	86.2	19.679	17.2	1.5	0.0	1.5	1.0
19	17.0	24.5	20.4	83.6	20.154	17.6	0.3	33.8	34.1	1.5
20	16.5	25.5	21.1	88.3	22.164	19.1	1.6	16.5	18.1	1.7
21	16.5	24.5	21.5	81.5	21.272	18.4	2.6	14.7	17.3	1.4
22	17.0	25.0	19.6	76.8	17.471	15.1	16.2	0.0	16.2	1.9
23	17.5	24.5	21.1	80.3	20.589	17.8	0.0	7.5	7.5	0.6
24	17.0	25.6	21.1	79.2	19.827	17.3	0.6	0.0	0.6	1.6
25	17.5	26.0	21.8	79.7	21.256	18.4	0.0	5.6	5.6	6.6
26	19.4	27.0	22.1	82.8	22.967	19.6	0.0	0.0	0.0	5.8
27	18.2	25.5	22.0	85.9	23.985	20.3	0.0	3.0	3.0	5.7
28	17.0	25.0	21.5	87.5	22.667	19.5	10.7	40.6	51.3	6.8
29	16.6	25.0	21.8	86.5	22.862	19.6	0.0	3.5	3.5	2.1
30	17.6	24.5	21.0	83.4	20.839	18.1	0.0	0.0	0.0	0.8
31	18.0	27.0	22.1	82.6	22.360	19.2	0.0	0.3	0.3	6.7
PROM.	17.8	25.7	21.6	81.1	21.158	18.3	42.3	251.6	293.9	141.5

## 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	19.5	24.5	20.9	86.7	21.720	18.8	0.0	0.0	0.0	0.2
2	18.5	26.3	21.9	72.3	19.134	16.8	0.0	0.0	0.0	5.3
3	18.5	24.0	20.4	84.0	20.372	17.7	0.0	0.0	0.0	0.8
4	18.0	26.0	20.6	85.0	21.762	18.6	8.4	54.9	63.3	8.6
5	16.0	25.0	19.6	80.7	18.502	16.0	1.3	1.1	2.4	4.0
6	17.0	24.0	21.1	74.4	18.939	16.6	0.0	0.0	0.0	4.4
7	17.5	24.0	20.7	76.2	18.926	16.3	2.1	30.5	32.6	4.7
8	17.0	24.0	20.4	82.8	19.968	17.5	0.0	0.0	0.0	3.3
9	17.5	26.0	20.8	85.0	20.979	18.2	0.0	0.0	0.0	5.2
10	17.8	25.2	21.2	78.6	20.211	17.5	0.0	1.7	1.7	0.3
11	18.0	26.0	21.1	82.0	20.551	17.9	0.3	0.3	0.6	5.9
12	16.6	25.5	21.2	71.9	17.947	15.8	0.0	0.0	0.0	6.9
13	17.8	24.0	20.9	79.2	19.665	17.1	0.5	0.0	0.5	1.6
14	17.4	26.0	22.3	71.6	19.197	16.7	0.0	0.3	0.3	9.4
15	18.5	26.0	22.3	72.6	19.484	17.1	0.0	0.0	0.0	10.3
16	18.5	23.5	20.9	83.1	20.418	17.8	0.5	0.0	0.5	5.5
17	18.0	24.0	21.3	71.6	18.182	16.0	0.0	0.0	0.0	4.5
18	17.5	25.8	21.9	60.2	15.707	13.7	0.0	0.0	0.0	8.6
19	17.6	27.3	22.8	48.5	13.552	11.5	0.0	0.0	0.0	10.4
20	18.0	26.0	21.6	61.1	16.002	13.9	0.2	0.0	0.2	1.8
21	17.5	26.0	22.8	58.3	15.994	13.9	0.0	0.0	0.0	8.8
22	18.0	27.9	23.7	48.9	14.305	12.2	0.0	4.4	4.4	9.9
23	15.5	24.0	20.9	70.9	17.703	15.5	0.0	0.0	0.0	2.7
24	17.5	27.5	22.9	45.0	12.580	10.4	0.0	0.0	0.0	10.0
25	17.5	26.5	23.2	58.1	16.559	14.4	0.0	0.0	0.0	10.1
26	18.0	27.0	23.0	60.0	17.121	15.0	0.0	0.0	0.0	10.9
27	18.5	27.5	23.1	60.9	17.279	15.1	0.0	0.0	0.0	6.1
28	18.0	26.5	21.5	70.1	18.269	16.0	0.0	0.4	0.4	4.5
29	18.0	24.0	21.9	55.5	14.541	12.2	0.0	0.0	0.0	2.7
30	17.3	27.0	22.3	56.7	15.440	13.4	0.0	0.0	0.0	9.9
PROM	17.7	25.6	21.6	69.7	18.024	15.7	13.3	93.6	106.9	177.2

ESTACION: SANTA ELENA

MUNICIPIO: MARQUETALIA AÑO: 1.983

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	17.5	26.0	21.4	68.5	17.281	15.1	0.0	0.0	0.0	7.2
2	17.0	25.0	21.4	74.3	18.908	16.6	0.5	0.0	0.5	5.0
3	17.0	26.0	22.8	75.0	20.494	17.9	0.0	0.0	0.0	4.7
4	17.0	27.5	22.5	66.7	18.833	16.5	0.0	0.0	0.0	2.7
5	17.5	27.7	22.2	62.4	16.856	14.8	0.0	0.0	0.0	7.7
6	17.5	25.5	21.0	80.8	20.118	17.6	0.0	0.3	0.3	2.6
7	17.5	26.5	22.5	67.9	18.475	16.2	0.0	48.8	48.8	9.5
8	17.0	25.5	21.7	80.7	20.597	18.2	0.1	5.3	5.4	5.5
9	17.5	24.0	20.1	85.1	20.105	17.6	0.0	6.4	6.4	1.6
10	17.0	25.5	21.2	59.7	15.430	13.4	0.0	0.0	0.0	9.2
11	17.0	25.5	21.1	83.5	20.907	18.2	0.0	20.7	20.7	4.0
12	16.0	25.0	21.4	67.2	17.103	14.8	0.0	0.0	0.0	8.9
13	18.0	26.5	22.8	48.4	13.518	11.4	0.0	0.0	0.0	10.6
14	18.0	27.0	23.0	52.2	14.690	12.7	0.0	2.9	2.9	8.4
15	17.5	26.2	22.2	66.0	17.236	15.1	0.0	0.0	0.0	6.0
16	17.0	26.3	20.9	82.9	20.740	18.1	0.0	30.5	30.5	5.4
17	14.0	27.0	21.5	70.5	19.203	16.5	0.0	0.0	0.0	7.5
18	17.5	26.2	23.2	55.2	15.806	13.8	0.0	0.0	0.0	9.8
19	17.5	27.0	22.6	52.6	14.286	12.2	0.0	1.5	1.5	7.9
20	16.7	25.0	22.1	59.8	15.705	13.7	0.0	0.0	0.0	6.0
21	17.5	27.5	22.5	59.9	16.357	14.3	0.0	0.0	0.0	7.3
22	16.0	24.7	21.1	71.9	17.892	15.7	0.0	17.9	17.9	5.5
23	14.0	24.0	20.8	72.8	17.664	15.6	0.0	0.4	0.4	0.0
24	15.5	25.0	21.8	47.7	11.832	8.9	0.0	0.0	0.0	11.1
25	18.0	26.5	23.3	37.7	10.716	7.9	0.0	0.0	0.0	11.2
26	17.5	27.0	23.3	45.4	13.038	10.8	0.0	0.0	0.0	5.2
27	17.0	27.3	22.4	51.9	14.299	12.2	0.0	0.0	0.0	7.9
28	17.7	27.3	23.1	54.5	15.162	13.2	0.0	17.8	17.8	8.7
29	16.0	27.4	23.2	66.1	18.492	16.2	0.0	1.4	1.4	5.5
30	17.0	24.0	20.4	82.8	19.556	17.4	0.0	0.0	0.0	1.2
31	17.6	26.5	22.2	76.7	20.297	17.7	0.0	0.0	0.0	6.7
PROM.	17.0	26.1	22.0	65.4	17.174	14.8	0.6	153.9	154.5	201.3

## M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	25.0	21.0	60.9	14.522	12.2	0.0	0.0	0.0	6.8
2	15.2	25.0	21.0	65.5	16.175	14.2	0.0	0.0	0.0	5.6
3	17.0	26.4	20.9	71.1	17.539	15.3	0.5	0.0	0.5	4.7
4	16.2	26.8	21.8	75.9	19.859	17.2	0.0	17.4	17.4	9.3
5	16.4	25.0	21.3	65.5	15.946	13.8	0.0	0.0	0.0	4.9
6	16.7	24.5	20.6	81.7	19.895	17.4	0.0	6.5	6.5	3.2
7	14.0	24.0	19.2	81.9	18.116	15.9	0.0	0.0	0.0	7.7
8	15.6	27.0	21.9	67.3	17.325	15.0	0.0	0.0	0.0	6.2
9	17.6	26.0	22.8	58.3	15.644	13.4	0.0	0.0	0.0	4.8
10	17.5	26.8	22.7	47.6	12.814	10.6	0.0	0.0	0.0	10.0
11	18.0	29.6	24.2	44.8	12.842	10.6	0.0	14.0	14.0	8.7
12	16.3	27.0	21.9	62.5	16.568	14.3	0.0	0.2	0.2	9.3
13	17.0	27.8	23.1	57.4	15.215	13.0	0.0	0.0	0.0	7.0
14	17.6	28.8	24.2	46.0	13.083	10.7	0.0	0.0	0.0	10.8
15	17.2	27.0	23.3	51.0	14.177	12.0	0.0	0.0	0.0	9.0
16	17.7	26.5	22.4	52.3	14.087	12.0	0.0	0.0	0.0	8.4
17	17.5	27.0	21.4	52.9	13.702	11.6	0.0	0.0	0.0	9.0
18	17.3	25.4	20.7	63.3	15.692	13.6	0.0	0.0	0.0	6.4
19	16.5	27.0	21.9	58.8	15.129	13.1	0.0	0.0	0.0	4.8
20	16.0	26.3	22.3	55.5	14.652	12.7	0.0	0.0	0.0	9.2
21	17.5	26.5	22.9	53.1	14.856	12.9	0.0	10.5	10.5	7.9
22	17.5	26.5	21.4	65.6	16.306	14.3	0.0	0.0	0.0	10.2
23	19.0	27.0	22.2	72.4	19.464	17.1	0.0	22.2	22.2	7.3
24	18.5	25.0	19.8	85.2	19.922	17.4	0.0	10.9	10.9	4.2
25	16.5	26.3	21.6	74.9	18.816	16.4	0.6	1.0	1.6	5.6
26	16.5	26.0	21.7	66.3	17.120	15.0	0.0	0.0	0.0	7.2
27	17.0	26.0	21.0	67.2	17.021	14.8	0.1	23.0	23.1	6.3
28	15.0	24.6	19.3	85.8	19.578	17.1	7.3	0.2	7.5	1.2
29	16.3	24.8	20.0	83.1	19.606	17.2	0.0	0.0	0.0	3.0
30	16.5	27.0	20.4	74.4	18.362	15.9	0.0	0.0	0.0	7.8
31	16.5	28.3	20.6	65.6	16.724	14.6	0.0	2.2	2.2	9.9
PROM.	16.8	26.4	21.6	65.0	16.476	14.2	8.5	108.1	116.6	216.4

ESTACION: SANTA ELENA

MUNICIPIO: MARQUETALIA AÑO: 1.983

ALTITUD: 1.450

LATITUD: 5-18 N. LONGITUD: 75-49 W.

## M E S - SÉPTIEMBRE

DIA	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	26.8	21.6	73.7	18.844	16.5	0.0	5.1	5.1	7.8
2	16.5	27.0	22.5	74.2	20.148	17.6	0.1	0.5	0.6	6.9
3	15.0	26.9	21.3	77.4	19.123	16.7	22.4	1.4	23.8	3.6
4	16.6	26.5	20.4	88.0	21.031	18.3	0.2	0.0	0.2	4.5
5	17.5	26.3	21.4	76.3	19.407	16.9	0.6	1.8	2.4	5.0
6	17.0	24.4	21.0	80.6	19.953	17.3	0.0	1.3	1.3	1.4
7	16.0	25.0	20.1	77.1	18.165	16.0	12.8	10.1	22.9	1.9
8	16.0	25.5	19.7	87.5	20.321	17.7	3.2	4.4	7.6	3.1
9	16.8	26.0	21.1	65.0	16.270	14.3	0.0	0.0	0.0	8.0
10	17.3	26.1	21.2	79.9	20.283	17.7	0.0	0.0	0.0	3.9
11	15.6	25.1	19.7	81.5	18.635	16.4	0.0	6.6	6.6	4.5
12	15.4	26.0	21.5	63.5	16.443	14.4	0.0	0.0	0.0	3.2
13	16.5	25.0	21.9	61.3	15.449	13.4	0.0	0.0	0.0	2.2
14	13.0	24.3	19.4	69.6	15.370	13.4	0.0	0.0	0.0	6.3
15	16.5	27.0	20.7	72.0	17.414	15.2	0.8	0.0	0.8	7.1
16	17.0	22.5	19.7	88.6	20.663	18.0	0.0	0.0	0.0	0.0
17	14.5	24.3	20.1	79.4	18.586	16.3	8.3	0.0	8.3	3.7
18	16.3	24.4	19.4	88.8	20.147	17.5	0.0	3.2	3.2	3.0
19	16.1	25.0	20.9	70.1	17.368	15.2	0.0	0.0	0.0	8.4
20	15.5	26.0	19.9	79.9	18.381	16.1	0.5	23.8	24.3	9.0
21	13.3	23.6	19.6	85.4	19.836	17.3	0.0	4.9	4.9	6.0
22	14.6	22.5	17.8	83.9	16.883	14.8	0.7	0.0	0.7	5.2
23	15.6	26.5	20.6	79.1	18.618	16.4	0.0	0.0	0.0	8.3
24	16.5	24.5	21.0	78.8	19.628	17.1	10.0	2.6	12.6	5.9
25	17.0	27.0	21.8	74.1	19.620	17.0	0.0	3.2	3.2	7.9
26	17.0	26.0	21.1	79.6	20.098	17.5	0.0	0.0	0.0	8.1
27	18.0	27.0	21.5	82.6	21.516	18.6	0.0	0.0	0.0	8.3
28	17.0	25.0	21.0	77.2	19.417	16.9	0.0	0.0	0.0	3.9
29	17.5	26.5	22.7	64.0	17.944	15.5	0.0	7.6	7.6	9.3
30	16.5	25.5	21.6	68.1	17.923	15.5	0.0	0.0	0.0	5.6
PROM.	16.2	25.5	20.7	76.9	18.783	16.4	59.6	76.5	136.1	162.2

## 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	17.5	25.5	22.0	60.4	16.052	14.0	0.0	0.0	0.0	9.2
2	17.0	26.5	22.5	63.8	17.662	15.4	0.0	0.1	0.1	9.8
3	18.0	26.5	21.3	68.5	17.883	15.7	1.8	2.0	3.8	6.7
4	17.5	24.5	21.6	75.4	19.180	16.7	0.0	0.0	0.0	6.6
5	17.5	26.5	21.6	75.2	19.220	16.7	0.0	0.0	0.0	8.7
6	18.0	27.5	23.5	52.2	14.709	12.6	0.0	0.0	0.0	10.4
7	17.8	25.5	21.8	61.8	16.106	14.0	0.0	0.0	0.0	5.3
8	17.5	26.0	20.7	70.7	17.283	14.9	0.0	0.0	0.0	5.6
9	17.5	25.0	21.1	80.0	19.987	17.4	0.0	6.3	6.3	6.7
10	16.8	25.5	20.4	81.4	20.061	17.5	0.0	21.0	21.0	8.3
11	16.5	25.5	20.2	78.7	18.898	16.5	0.5	1.0	1.5	5.6
12	16.0	25.5	20.2	82.9	19.780	17.3	0.0	23.0	23.0	6.6
13	15.5	24.5	20.2	75.0	17.953	15.8	0.0	0.0	0.0	5.6
14	16.0	22.5	17.7	93.3	19.291	16.9	2.7	0.1	2.8	0.1
15	14.5	23.0	18.6	92.2	19.971	17.5	0.0	70.0	70.0	0.9
16	15.5	20.5	17.2	90.4	17.733	15.6	2.6	0.0	2.6	0.6
17	16.0	25.0	19.8	79.2	18.871	16.5	0.0	6.8	6.8	5.1
18	15.5	24.4	19.8	85.6	20.205	17.6	0.0	60.7	60.7	5.3
19	16.0	23.0	19.0	89.1	19.694	17.2	20.6	4.2	24.8	1.1
20	15.6	24.5	18.8	90.7	20.033	17.4	0.4	16.6	17.0	2.7
21	14.5	22.0	18.8	90.0	19.309	16.9	19.3	1.7	21.0	0.9
22	15.0	25.6	19.7	83.0	18.828	16.5	0.1	3.3	3.4	4.8
23	16.5	25.0	21.4	84.6	21.645	18.8	0.0	0.0	0.0	5.9
24	17.6	24.5	20.1	80.0	19.202	16.7	0.7	0.0	0.7	4.5
25	17.0	24.0	20.0	85.5	20.486	17.8	0.0	34.7	34.7	0.6
26	16.5	23.0	18.7	88.6	19.629	17.2	45.3	10.5	55.8	1.3
27	16.5	24.5	19.9	84.0	19.754	17.3	0.0	0.0	0.0	1.0
28	17.5	24.8	20.0	88.2	20.929	18.2	0.9	37.5	38.4	1.6
29	16.0	25.5	20.6	80.8	19.687	17.1	0.1	19.5	19.6	5.6
30	16.5	21.5	18.7	80.7	17.753	15.5	0.0	0.9	0.9	0.2
31	17.0	22.5	17.9	86.1	18.068	15.8	1.8	7.7	9.5	0.5
PROM.	16.5	24.5	20.1	79.9	18.899	16.5	97.0	327.6	424.6	137.8

ESTACION: SANTA ELENA

MUNICIPIO: MARQUETALIA AÑO: 1.983

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	15.0	25.0	19.6	84.8	19.514	17.0	0.0	0.0	0.0	4.9
2	16.5	26.0	20.1	82.6	19.503	17.3	0.0	11.8	11.8	5.7
3	17.0	23.5	18.8	91.9	19.883	17.4	0.0	0.0	0.0	1.1
4	17.5	24.5	20.8	81.5	20.569	18.0	0.0	1.3	1.3	4.5
5	17.5	23.5	19.2	93.6	21.097	18.3	1.2	0.0	1.2	0.8
6	17.0	25.5	20.0	85.7	20.592	17.9	0.0	15.6	15.6	3.2
7	17.5	26.0	20.8	85.0	21.326	18.5	0.0	0.0	0.0	5.5
8	17.0	24.0	20.1	86.5	20.694	18.0	0.0	7.0	7.0	0.2
9	16.5	25.6	20.1	78.6	18.687	16.2	0.0	0.0	0.0	5.5
10	17.0	25.5	20.2	84.9	20.532	17.9	0.3	11.4	11.7	1.5
11	16.5	24.5	19.5	83.0	18.923	16.6	8.7	28.5	37.2	3.6
12	16.0	24.3	19.3	87.5	19.712	17.2	0.2	0.3	0.5	4.0
13	16.6	25.5	20.6	87.7	21.511	18.7	1.9	1.5	3.4	4.7
14	17.5	25.8	20.0	83.8	19.984	17.5	3.4	23.1	26.5	5.6
15	15.5	24.0	19.9	88.3	20.653	18.0	0.0	15.0	15.0	2.5
16	15.0	26.5	20.5	76.9	18.189	16.0	0.0	0.0	0.0	5.5
17	17.0	27.0	21.4	80.7	20.653	17.9	0.0	83.0	83.0	4.9
18	16.0	25.0	20.8	78.9	19.767	17.2	0.0	0.0	0.0	10.0
19	17.5	26.5	22.3	74.4	20.282	17.7	0.0	0.0	0.0	9.5
20	17.5	27.0	21.7	70.1	18.344	16.1	0.0	0.0	0.0	5.6
21	18.0	26.5	22.0	76.7	20.348	17.6	0.0	0.0	0.0	8.1
22	18.5	26.0	20.8	90.1	22.339	19.2	0.0	0.0	0.0	3.0
23	18.0	26.5	20.1	86.6	20.976	18.2	0.0	19.0	19.0	4.4
24	17.0	24.5	19.9	87.7	20.691	17.9	0.0	0.0	0.0	4.1
25	18.0	27.0	21.3	69.7	17.926	15.8	0.0	1.6	1.6	9.6
26	17.0	26.5	21.1	68.4	17.655	15.2	0.0	0.0	0.0	6.7
27	15.6	27.0	21.5	70.3	18.060	15.9	0.0	0.7	0.7	8.9
28	15.5	25.0	19.8	80.9	18.895	16.6	0.0	48.3	48.3	2.1
29	16.0	22.5	18.3	79.7	16.826	14.7	12.6	1.1	13.7	0.8
30	16.5	25.5	20.6	80.0	19.663	17.2	0.2	28.6	28.8	2.1
PROM.	16.8	25.4	20.4	81.9	19.808	17.3	28.5	297.8	326.3	138.6

## 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	15.6	22.0	18.1	90.7	18.830	16.5	14.0	0.0	14.0	1.1
2	16.2	24.5	19.4	80.8	18.821	16.3	0.0	0.0	0.0	5.4
3	15.6	26.0	20.3	80.1	18.943	16.5	0.0	35.0	35.0	5.8
4	13.5	25.0	19.0	78.3	17.319	15.2	0.0	11.0	11.0	3.4
5	14.4	23.5	17.6	88.8	18.397	16.2	66.4	0.0	66.4	2.2
6	15.0	24.5	19.1	84.5	18.967	16.6	7.1	43.9	51.0	3.5
7	14.5	24.5	18.8	79.6	17.404	15.3	3.0	4.6	7.6	3.5
8	15.5	25.5	19.0	78.3	17.676	15.4	0.0	9.4	9.4	6.0
9	15.6	24.0	18.2	85.7	18.183	16.0	0.0	0.8	0.8	2.7
10	15.6	25.4	20.2	72.1	16.957	14.9	0.0	0.0	0.0	7.6
11	15.5	25.0	19.8	81.7	19.110	16.8	0.0	3.0	3.0	3.8
12	15.9	24.5	18.0	80.7	16.844	14.7	6.3	16.7	23.0	4.7
13	14.5	24.5	18.5	87.0	18.757	16.4	0.0	0.0	0.0	5.6
14	14.5	23.5	18.7	86.1	18.665	16.4	0.0	0.0	0.0	3.6
15	15.0	24.0	18.8	85.5	18.731	16.4	0.0	0.0	0.0	3.1
16	14.5	23.5	18.6	92.1	19.405	16.9	0.0	3.1	3.1	0.8
17	15.0	23.5	17.8	89.3	18.248	16.0	4.5	0.1	4.6	1.2
18	15.5	25.0	18.5	87.2	18.644	16.4	1.5	1.9	3.4	4.7
19	16.0	25.0	19.1	85.7	20.004	17.5	0.0	62.0	62.0	5.6
20	15.0	24.0	19.2	84.4	18.925	16.6	2.7	0.6	3.3	4.8
21	16.5	23.5	19.1	86.0	19.401	17.0	0.0	1.6	1.6	4.3
22	16.0	24.0	19.5	80.8	18.285	16.0	1.3	0.0	1.3	5.4
23	16.5	25.0	20.9	76.5	18.932	16.5	0.0	0.0	0.0	4.8
24	17.5	25.5	19.2	74.2	16.696	14.5	0.0	0.4	0.4	3.5
25	15.5	25.0	20.6	82.2	19.734	17.2	0.0	8.5	8.5	4.0
26	16.0	23.5	18.4	88.0	19.089	16.6	2.0	0.0	2.0	0.6
27	16.0	25.0	19.8	79.9	18.640	16.2	0.0	0.2	0.2	6.0
28	16.0	25.5	20.1	79.1	18.834	16.5	0.0	0.0	0.0	7.8
29	15.5	25.0	20.3	73.3	17.834	15.5	0.0	0.5	0.5	3.6
30	16.0	25.0	18.7	85.6	19.139	16.7	0.0	17.0	17.0	3.3
31	14.5	25.0	18.3	83.7	18.062	15.8	0.0	13.9	13.9	6.3
PROM.	15.4	24.5	19.1	83.0	18.499	16.2	108.8	234.2	343.0	128.7

ESTACION: SANTA ELENA

MUNICIPIO MARQUETALIA

AÑO: 1.983

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	18.0	25.9	21.6	16.5	29.5	85.8	22.147	19.0	72.8	9	
FEBRERO	17.8	26.4	21.8	16.0	30.4	81.4	21.106	18.2	125.7	11	
MARZO	17.6	25.9	21.4	15.0	29.0	89.0	22.826	19.5	479.6	20	111.6
ABRIL	17.5	25.0	21.0	15.5	27.1	85.0	21.314	18.4	486.2	26	75.9
MAYO	17.8	25.7	21.6	16.2	27.5	81.1	21.158	18.3	293.9	21	141.5
JUNIO	17.7	25.6	21.6	15.5	27.9	65.7	18.024	15.7	106.9	11	177.2
JULIO	17.0	26.1	22.0	14.0	27.7	65.4	17.174	14.8	154.5	13	201.3
AGOSTO	16.8	26.4	21.6	14.0	29.6	65.0	16.476	14.2	116.6	12	216.4
SEPTIEMBRE	16.2	25.5	20.7	13.0	27.0	76.9	16.783	16.4	136.1	18	162.2
OCTUBRE	16.5	24.5	20.1	14.5	27.5	79.9	18.899	16.5	424.6	22	137.8
NOVIEMBRE	16.8	25.4	20.4	15.0	27.0	81.9	19.808	17.3	326.3	18	138.6
DICIEMBRE	15.4	24.5	19.1	13.5	26.0	83.0	18.499	16.2	343.0	24	128.7
PROMEDIO	17.1	25.6	21.1	14.9	28.0	78.7	19.685	17.0			
TOTAL									3066.2	205	

ESTACION: AGRONOMIA

MUNICIPIO: MANIZALES

AÑO: 1.983

ALTITUD: 2.150

LATITUD: 6-03 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	14.5	25.8	19.8	72.3	16.082	14.0	0.0	0.0	0.0	9.4
2	16.0	25.0	19.3	73.2	16.226	14.2	0.0	5.8	5.8	3.9
3	14.2	23.6	18.0	78.7	15.855	13.9	0.0	0.0	0.0	4.5
4	14.5	22.4	16.9	88.6	16.888	14.8	0.0	5.2	5.2	1.3
5	14.2	20.0	17.0	89.3	17.074	15.0	0.0	0.0	0.0	0.2
6	13.6	22.4	17.5	81.4	16.131	14.1	0.0	0.0	0.0	4.7
7	14.0	23.8	18.2	74.8	15.524	13.5	0.0	0.0	0.0	5.7
8	15.2	23.6	17.5	83.3	16.882	14.8	0.3	0.0	0.3	4.5
9	13.5	25.6	18.8	71.1	15.050	13.1	0.0	0.0	0.0	9.3
10	14.5	24.0	19.5	74.8	16.409	14.4	0.0	0.0	0.0	7.7
11	15.0	25.5	19.7	75.7	17.003	14.9	0.0	0.0	0.0	6.3
12	14.5	22.5	18.2	83.1	17.335	15.2	0.0	1.1	1.1	2.1
13	13.0	24.8	18.7	74.2	16.540	13.5	0.0	0.0	0.0	7.1
14	14.8	25.0	19.5	76.8	17.081	15.0	0.0	0.0	0.0	7.5
15	13.5	25.6	19.5	75.3	16.529	14.5	0.0	0.9	0.9	7.3
16	14.5	25.8	18.9	81.6	17.713	15.6	0.0	0.0	0.0	5.8
17	14.5	25.5	19.4	76.4	16.836	14.7	0.0	0.0	0.0	9.5
18	14.5	25.6	19.6	68.5	15.320	13.3	0.0	0.0	0.0	0.0
19	15.0	24.9	19.9	69.9	15.772	13.8	0.0	0.0	0.0	9.6
20	14.0	24.7	19.0	72.2	15.377	13.4	0.0	0.0	0.0	6.3
21	14.0	25.7	19.8	69.1	16.697	13.7	0.0	0.0	0.0	4.8
22	15.2	26.6	19.8	70.4	16.993	14.0	0.0	0.0	0.0	9.6
23	14.3	26.6	19.5	62.5	13.749	11.7	0.0	0.0	0.0	7.3
24	14.5	26.3	19.8	64.3	14.153	12.1	0.0	0.0	0.0	8.5
25	14.5	26.8	20.2	64.2	14.515	12.5	0.0	0.0	0.0	6.2
26	15.0	25.6	20.2	75.1	17.388	15.2	0.0	2.1	2.1	5.4
27	16.0	23.5	19.1	83.9	18.469	16.2	1.3	0.0	1.3	8.1
28	15.0	24.9	19.4	70.2	15.185	13.2	0.0	15.8	15.8	4.8
29	15.5	24.9	19.3	78.3	17.033	14.9	0.0	0.0	0.0	5.3
30	14.5	25.6	18.8	70.5	15.124	13.1	0.0	0.0	0.0	7.4
31	14.5	22.0	17.8	83.0	16.897	14.8	26.0	0.0	26.0	1.4
PROM.	14.5	24.7	19.0	75.2	16.156	14.1	27.6	30.9	58.5	181.5

## M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.2	25.9	19.4	65.7	14.243	12.2	0.0	0.0	0.0	8.3
2	14.6	25.0	19.0	66.0	14.054	12.0	0.0	0.0	0.0	3.8
3	14.4	27.2	20.0	62.9	14.273	12.3	0.0	0.0	0.0	8.9
4	15.0	24.0	18.4	69.6	14.632	12.7	0.0	0.0	0.0	2.4
5	16.2	22.0	17.5	80.1	16.347	14.3	10.0	0.4	10.4	2.7
6	14.3	24.7	18.6	69.6	14.515	12.3	4.6	68.6	73.2	8.1
7	13.0	20.5	15.7	81.4	14.579	12.6	8.5	0.3	8.8	0.5
8	13.0	23.9	16.1	80.4	14.996	13.0	11.0	0.0	11.0	6.7
9	12.5	24.0	17.8	71.7	14.218	12.1	2.3	7.3	9.6	8.6
10	14.0	24.3	18.2	72.6	14.660	12.7	0.0	0.0	0.0	7.5
11	14.5	24.2	19.0	70.5	15.154	13.2	0.0	0.0	0.0	5.0
12	15.0	24.1	19.3	73.8	16.277	14.3	0.0	0.0	0.0	6.7
13	14.2	23.0	17.6	72.2	14.373	12.3	0.0	0.0	0.0	5.2
14	13.0	25.0	19.1	64.0	13.667	11.5	0.0	0.0	0.0	8.0
15	13.5	25.0	19.5	56.7	12.394	10.1	0.0	0.0	0.0	5.7
16	14.4	24.8	18.8	62.2	13.656	11.3	0.0	0.0	0.0	5.6
17	14.5	24.5	19.5	68.0	14.897	12.9	0.0	0.0	0.0	4.7
18	15.3	25.4	19.5	73.6	16.536	14.4	0.0	1.2	1.2	5.2
19	14.4	25.8	19.6	69.6	16.303	13.3	0.0	0.0	0.0	9.4
20	14.5	25.0	19.1	64.3	13.820	11.8	0.0	0.0	0.0	5.6
21	15.0	21.8	18.3	78.9	16.408	14.4	0.0	0.0	0.0	2.2
22	15.0	26.3	20.4	58.3	13.416	11.3	0.7	0.0	0.7	6.0
23	15.6	25.0	20.8	72.7	17.236	15.2	0.0	0.0	0.0	4.8
24	15.5	23.2	19.0	74.9	16.144	14.1	0.0	0.0	0.0	0.5
25	16.0	24.3	19.1	66.5	14.464	12.5	0.0	0.0	0.0	6.9
26	15.5	26.9	20.9	63.5	15.314	13.3	0.0	0.0	0.0	5.4
27	16.3	24.9	20.2	66.0	15.243	13.3	0.0	0.0	0.0	6.9
28	15.5	25.5	19.8	68.8	15.515	13.5	0.0	0.0	0.0	3.9
PROM	14.6	24.5	18.9	69.4	14.866	12.8	37.1	77.8	114.9	151.3

ESTACION: AGRONOMIA

MUNICIPIO: MANIZALES

AÑO: 1.983

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	16.2	25.5	19.8	74.6	16.958	14.9	0.0	1.0	1.0	4.3
2	15.5	25.0	19.6	73.8	16.387	14.4	0.0	1.0	1.0	4.4
3	15.5	24.5	17.8	71.0	14.442	12.4	0.7	0.0	0.7	2.6
4	14.3	24.3	18.8	71.8	15.371	13.3	4.7	0.0	4.7	6.7
5	14.5	24.5	18.6	67.4	14.476	12.5	0.4	0.0	0.4	5.1
6	14.5	23.6	17.6	83.8	16.943	14.9	23.1	0.0	23.1	3.3
7	15.5	21.5	16.6	86.7	16.377	14.4	1.0	0.6	7.6	1.3
8	15.0	20.0	16.3	89.7	16.643	14.6	13.6	0.0	13.6	0.2
9	14.5	24.1	17.9	76.3	15.453	13.4	9.2	0.0	9.2	3.9
10	14.5	20.3	15.9	85.4	15.579	13.6	24.1	0.0	24.1	0.0
11	14.1	25.3	19.1	69.7	14.955	13.0	0.0	0.0	0.0	7.5
12	14.7	24.8	19.7	67.2	14.841	12.9	0.0	0.0	0.0	8.4
13	15.3	23.5	19.1	70.5	15.264	13.3	0.0	0.0	0.0	2.4
14	15.5	20.3	17.9	79.4	16.379	14.3	0.6	0.0	0.6	0.5
15	14.4	24.5	19.0	68.1	14.544	12.5	0.0	0.0	0.0	5.9
16	14.6	25.3	19.8	68.5	15.528	13.5	0.0	0.1	0.1	7.0
17	14.5	21.6	17.0	84.7	16.803	14.7	14.8	0.0	14.8	2.0
18	13.7	24.5	19.1	73.0	15.702	13.6	0.0	0.0	0.0	7.7
19	14.5	25.1	19.9	64.0	14.356	12.4	0.0	0.0	0.0	7.8
20	15.3	24.5	19.8	66.0	14.886	12.9	0.0	0.0	0.0	5.2
21	15.3	23.0	18.7	69.6	14.855	12.9	0.0	0.0	0.0	1.8
22	14.7	24.7	19.2	68.9	14.953	13.0	0.0	0.0	0.0	6.5
23	16.5	25.3	20.4	63.4	14.732	12.7	0.0	0.0	0.0	8.5
24	14.5	22.0	17.2	86.5	17.069	15.0	14.1	20.5	34.6	1.2
25	15.0	17.3	16.3	91.3	16.678	14.7	16.7	0.0	16.7	0.0
26	14.5	21.0	16.4	83.7	15.694	13.7	5.3	12.2	17.5	0.0
27	13.0	23.0	16.3	81.3	15.038	13.1	2.8	0.0	2.8	5.7
28	13.2	24.8	17.3	73.7	14.415	12.4	7.6	0.0	7.6	7.1
29	13.7	24.5	17.7	73.0	14.476	12.4	4.5	0.0	4.5	7.0
30	14.0	23.5	17.8	76.4	15.250	13.2	0.9	0.0	0.9	5.0
31	14.0	25.0	18.9	65.3	13.658	11.7	0.0	0.2	0.2	9.7
PROM.	14.7	23.4	18.2	75.0	15.443	13.4	144.1	41.6	185.7	138.7

## 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	14.0	23.6	18.3	66.7	13.997	11.8	0.1	0.0	0.1	4.0
2	13.7	22.5	17.0	73.9	14.536	12.5	11.8	0.0	11.8	3.7
3	14.5	21.0	16.8	79.0	15.513	13.5	5.0	7.0	12.0	1.9
4	13.6	22.2	18.6	71.7	14.923	12.9	0.0	0.0	0.0	4.2
5	14.0	22.2	18.2	74.7	15.328	13.3	0.8	0.0	0.8	3.2
6	15.0	21.2	16.6	85.8	16.225	14.2	3.6	0.0	3.6	2.7
7	14.2	19.2	15.7	88.3	15.947	13.9	2.8	0.0	2.8	0.0
8	13.6	23.0	18.0	81.6	16.517	14.5	0.0	0.0	0.0	5.8
9	15.2	17.2	15.5	68.7	15.735	13.8	18.7	1.2	19.9	0.0
10	14.0	23.3	18.0	81.0	16.446	14.4	0.0	1.7	1.7	3.1
11	14.2	19.2	15.1	88.1	15.289	13.3	13.5	0.0	13.5	1.1
12	13.2	24.0	17.6	76.1	15.152	13.2	1.3	2.9	4.2	8.3
13	13.2	19.0	16.2	88.1	16.259	14.2	10.8	0.6	11.4	3.7
14	14.2	21.0	17.2	92.7	17.530	15.7	2.3	0.2	2.5	0.0
15	14.0	23.0	18.2	81.6	16.908	14.8	0.6	12.0	12.6	5.4
16	15.0	19.0	16.0	87.6	16.487	14.5	4.9	0.3	5.2	0.7
17	14.2	21.0	17.0	85.2	16.558	14.5	4.8	6.8	11.6	3.0
18	14.2	20.0	15.8	87.1	15.950	14.0	22.4	0.8	23.2	1.1
19	13.2	24.0	18.9	72.8	15.604	13.4	0.0	0.0	0.0	6.7
20	16.0	24.2	18.2	80.6	16.723	14.7	1.4	8.7	10.1	3.1
21	14.0	21.0	16.2	84.4	15.380	13.4	5.0	1.4	6.4	1.4
22	14.0	23.0	17.8	73.5	14.610	12.6	0.0	0.0	0.0	3.9
23	15.0	23.0	18.5	73.1	15.377	13.4	0.0	3.0	3.0	3.6
24	15.0	22.5	18.0	78.4	15.924	13.9	0.0	0.0	0.0	2.8
25	14.0	23.2	18.6	72.5	15.308	13.3	0.0	0.1	0.1	3.9
26	15.2	20.2	17.3	84.7	16.705	14.7	3.8	0.4	4.2	1.6
27	15.0	22.2	16.8	83.6	15.927	13.9	3.8	11.3	15.1	0.9
28	14.2	19.2	16.3	86.3	15.928	14.0	1.5	0.0	1.5	0.0
29	14.0	22.0	16.1	78.4	14.437	12.4	12.0	4.0	16.0	2.6
30	13.6	24.0	17.9	76.9	15.791	13.8	0.0	2.1	2.1	6.6
PROM.	14.2	21.7	17.2	80.8	15.780	13.8	130.9	64.5	195.4	89.2

ESTACION: AGRONOMIA

MUNICIPIO: MARIZALES

AÑO: 1.983

ALTITUD: 2.150

LATITUD: 6-03 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	15.0	23.0	17.8	79.7	16.119	14.1	6.5	1.8	8.3	2.4
2	14.2	22.5	18.5	73.6	15.472	13.4	2.1	0.0	2.1	3.0
3	14.2	21.2	17.5	76.9	15.178	13.2	0.3	0.0	0.3	3.8
4	14.0	21.2	17.4	80.2	15.889	13.9	0.0	0.0	0.0	2.5
5	15.0	22.2	18.3	79.3	16.332	14.3	0.3	0.0	0.3	3.6
6	14.2	22.2	17.8	79.6	16.163	14.2	0.0	0.0	0.0	3.0
7	15.2	20.3	18.0	85.0	17.383	15.3	2.8	0.1	2.9	0.2
8	13.2	23.6	18.5	79.7	16.511	14.5	0.2	0.0	0.2	8.3
9	15.0	25.2	19.3	72.6	15.937	13.9	2.1	0.5	2.6	8.7
10	15.2	25.6	20.1	75.3	17.122	15.1	0.0	0.0	0.0	9.5
11	15.0	24.0	19.0	78.1	17.195	15.1	1.7	0.2	1.9	4.6
12	15.4	22.2	18.6	82.4	17.704	15.6	0.3	0.0	0.3	1.5
13	14.0	21.6	17.6	77.7	15.614	13.5	0.9	0.0	0.9	2.4
14	14.0	21.5	17.5	73.3	14.572	12.6	0.7	0.4	1.1	2.9
15	15.6	21.2	17.4	84.9	16.744	14.7	7.1	0.3	7.4	0.7
16	14.2	18.2	15.6	91.6	16.620	14.6	4.5	0.2	4.7	0.0
17	12.6	22.4	17.4	78.7	15.467	13.4	0.0	2.3	2.3	4.7
18	15.0	18.2	15.7	89.8	16.265	14.3	14.1	0.2	14.3	0.0
19	14.2	20.0	16.8	79.4	15.068	13.1	0.7	0.0	0.7	0.7
20	14.0	21.0	17.2	81.3	15.622	13.6	1.3	0.0	1.3	2.0
21	14.2	23.6	17.1	79.1	15.388	13.4	14.9	4.5	19.4	6.5
22	13.2	23.0	17.4	78.3	15.479	13.5	8.2	10.1	18.3	6.5
23	13.2	22.5	17.5	80.8	16.150	14.1	0.0	0.0	0.0	6.7
24	14.0	21.2	17.9	83.1	16.922	14.8	2.1	0.0	2.1	2.7
25	14.2	21.2	17.8	80.8	16.259	14.2	0.1	0.1	0.2	2.2
26	15.2	22.0	17.6	79.0	16.022	14.0	25.6	1.4	27.0	4.0
27	14.2	21.3	17.6	79.8	16.040	14.1	0.6	0.0	0.6	4.5
28	15.0	20.0	16.7	82.7	16.115	14.1	13.3	21.6	34.9	0.4
29	13.3	23.0	18.1	75.0	15.116	13.1	0.0	0.0	0.0	5.3
30	14.2	23.2	18.3	75.8	15.624	13.6	0.0	0.0	0.0	6.1
31	14.0	24.0	18.6	72.1	15.101	13.1	0.0	0.0	0.0	8.0
PROM.	14.3	22.0	17.8	79.5	16.039	14.0	110.4	43.7	154.1	117.4

## M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	22.0	18.1	84.2	17.304	15.2	0.5	0.0	0.5	1.2
2	15.2	24.0	17.5	78.3	15.738	13.8	1.2	0.0	1.2	4.4
3	14.2	21.3	16.3	79.7	14.841	12.9	2.8	2.5	5.3	0.7
4	14.0	19.9	16.4	83.0	15.461	13.5	0.5	1.8	2.3	1.3
5	14.0	20.3	16.2	84.2	15.387	13.4	0.1	0.0	0.1	2.3
6	13.0	20.2	16.3	80.0	14.853	12.8	4.4	0.0	4.4	3.0
7	12.0	21.6	16.6	76.1	14.178	12.1	0.0	3.4	3.4	5.3
8	15.0	17.0	15.3	90.5	15.771	13.8	10.0	1.3	11.3	0.0
9	12.0	23.6	17.7	73.2	14.537	12.5	0.0	0.0	0.0	10.3
10	14.0	23.9	18.5	69.4	14.421	12.4	0.7	2.2	2.9	5.1
11	14.2	19.9	15.5	85.4	15.323	13.3	12.7	0.0	12.7	0.8
12	13.0	22.2	17.4	71.9	13.754	11.7	0.0	0.0	0.0	6.0
13	14.0	20.4	16.9	77.5	15.104	13.1	2.2	0.0	2.2	3.9
14	14.0	24.2	18.3	73.8	15.124	13.2	0.0	0.0	0.0	7.7
15	14.2	23.0	18.5	74.6	15.780	13.7	0.0	0.0	0.0	3.4
16	15.2	22.6	18.8	70.9	15.078	13.1	0.0	0.0	0.0	3.0
17	15.2	20.7	17.1	83.6	16.308	14.3	0.3	0.0	0.3	0.7
18	13.2	25.3	19.2	62.3	13.281	11.1	0.0	0.0	0.0	9.1
19	14.2	24.8	19.4	69.9	15.339	13.4	0.0	0.0	0.0	8.7
20	15.0	21.0	16.9	79.3	15.386	13.4	5.8	0.0	5.8	0.1
21	14.2	25.2	18.7	58.8	12.416	10.2	0.1	0.0	0.1	6.8
22	13.2	21.2	17.7	78.5	15.650	13.6	4.8	3.4	8.2	5.7
23	13.2	22.0	17.5	76.0	14.907	12.9	0.0	0.0	0.0	3.3
24	14.0	23.2	18.2	70.8	14.274	12.2	0.0	0.0	0.0	8.0
25	13.2	23.5	18.0	72.4	14.671	12.6	0.2	0.0	0.2	6.5
26	13.0	23.0	18.2	78.4	16.342	14.3	0.5	0.0	0.5	4.8
27	13.4	22.2	17.7	76.7	15.257	13.3	0.0	0.0	0.0	7.1
28	13.3	19.5	16.3	92.0	17.095	15.0	10.7	0.0	10.7	0.9
29	14.2	20.3	17.4	89.5	17.462	15.3	0.0	0.0	0.0	3.0
30	12.4	21.5	16.4	82.6	15.412	13.4	0.8	0.0	0.8	5.9
PROM.	13.9	22.0	17.4	77.5	15.216	13.2	58.3	14.6	72.9	131.0

ESTACION: AGRONOMIA

MUNICIPIO: MANIZALES

AÑO:

1983

ALTITUD: 2.150

LATITUD: 5-03 N.

LONGITUD: 75-29 W.

## M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.3	22.5	17.9	81.6	16.536	14.5	1.1	0.0	1.1	5.5
2	13.6	21.3	16.2	82.5	15.210	13.3	3.3	0.0	3.3	3.6
3	13.0	23.0	18.4	70.5	14.451	12.5	0.0	0.0	0.0	4.3
4	14.5	22.3	17.6	81.9	16.483	14.5	0.0	1.7	1.7	4.3
5	13.4	19.3	16.2	88.2	16.228	14.3	0.3	0.0	0.3	1.7
6	12.0	21.6	17.5	75.5	14.590	12.5	0.0	0.0	0.0	7.5
7	13.5	22.2	17.9	78.2	15.715	13.7	0.1	0.1	0.2	6.3
8	14.5	20.5	17.1	83.5	16.054	14.1	0.8	1.4	2.2	3.1
9	12.5	18.5	15.5	89.4	15.525	13.5	0.6	10.4	11.0	0.7
10	11.7	22.3	17.0	84.9	16.140	14.0	0.0	0.0	0.0	7.7
11	13.6	21.0	17.4	84.3	16.579	14.5	0.0	1.4	1.4	4.7
12	14.0	23.5	18.3	67.9	14.004	12.0	0.0	0.0	0.0	8.6
13	14.1	24.5	19.3	65.4	14.076	12.0	0.0	0.0	0.0	9.6
14	13.0	24.5	18.5	72.9	15.000	12.9	0.0	20.9	20.9	9.4
15	14.5	21.5	17.5	80.8	15.965	14.0	0.1	0.0	0.1	2.4
16	14.0	22.4	17.5	82.8	16.167	14.2	0.1	4.1	4.2	3.7
17	13.8	22.3	17.4	78.5	15.075	13.1	0.0	0.0	0.0	5.8
18	14.2	25.2	19.9	60.8	13.258	10.9	0.0	0.0	0.0	10.5
19	15.2	23.0	19.0	68.1	14.566	12.5	0.0	0.0	0.0	5.3
20	14.6	25.2	19.7	67.5	14.870	12.9	0.0	0.0	0.0	9.7
21	15.2	24.0	19.3	72.6	15.981	13.9	0.0	0.0	0.0	6.8
22	14.2	20.2	17.1	92.1	16.069	15.9	0.1	19.7	19.8	1.2
23	13.7	18.0	15.3	91.1	15.741	13.7	1.1	0.0	1.1	2.1
24	12.2	22.0	17.0	68.7	12.975	10.6	0.0	0.0	0.0	6.4
25	11.6	24.0	18.5	57.8	11.868	9.3	0.0	0.0	0.0	4.0
26	13.2	24.0	18.1	64.3	13.221	11.0	0.0	0.0	0.0	10.6
27	12.7	21.2	16.9	75.2	15.057	12.8	0.0	0.0	0.0	4.6
28	12.2	21.0	16.9	76.2	14.364	12.3	0.0	0.0	0.0	3.2
29	14.2	24.0	18.4	78.8	16.126	14.2	0.0	0.0	0.0	4.4
30	14.6	21.2	17.0	88.0	16.958	14.9	4.8	0.0	4.8	0.4
31	14.2	19.0	16.2	91.4	16.526	14.9	2.6	1.3	3.9	0.8
PROM.	13.6	22.1	17.6	77.6	15.283	13.2	15.0	61.0	76.0	158.9

## 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	14.2	20.0	17.0	91.6	17.599	15.5	0.0	0.8	0.8	2.0
2	13.0	22.0	17.3	83.7	16.100	14.1	0.0	0.0	0.0	5.7
3	13.0	20.2	16.3	85.3	15.963	13.9	3.9	0.0	3.9	2.4
4	13.0	21.2	17.9	74.9	14.921	12.9	0.0	2.5	2.5	6.5
5	12.6	18.2	15.8	92.0	16.295	14.3	0.7	0.7	1.4	1.9
6	12.2	19.2	15.8	80.7	14.244	12.2	0.6	1.7	2.3	8.2
7	13.2	23.2	17.5	73.5	14.322	12.3	0.0	0.0	0.0	6.9
8	13.0	23.2	17.9	69.7	13.973	11.9	0.0	0.0	0.0	6.7
9	13.2	23.2	18.0	64.4	12.926	10.8	0.0	0.0	0.0	6.6
10	14.0	23.5	18.5	62.2	12.729	10.3	0.0	0.0	0.0	6.7
11	12.5	25.0	18.5	63.1	12.738	10.5	0.0	0.0	0.0	6.6
12	13.2	22.2	18.0	78.1	16.110	14.1	0.0	0.0	0.0	9.1
13	13.2	25.0	17.0	75.7	14.691	12.7	0.0	0.0	0.0	5.8
14	13.5	25.2	19.8	60.7	13.395	11.3	0.0	0.0	0.0	6.8
15	14.2	22.5	19.4	69.5	15.146	13.2	0.0	0.0	0.0	10.1
16	14.2	21.2	18.6	74.0	16.508	13.6	0.0	0.0	0.0	7.6
17	13.6	24.0	18.3	74.5	16.463	13.5	0.0	0.0	0.0	5.1
18	13.6	20.2	16.2	90.8	16.927	14.8	2.9	0.0	2.9	5.7
19	13.6	22.0	17.3	81.2	15.767	13.8	0.0	0.0	0.0	2.0
20	13.0	24.2	18.0	69.8	13.915	11.9	0.0	2.7	2.7	2.3
21	14.0	21.2	17.2	80.6	15.621	13.6	0.2	1.0	1.2	6.9
22	14.2	25.2	19.5	72.3	15.655	13.7	0.0	1.3	1.3	2.7
23	14.2	23.0	18.5	83.0	16.961	14.9	0.0	0.2	0.2	8.5
24	14.0	21.0	17.5	84.3	16.509	14.5	0.0	0.0	0.0	4.6
25	13.6	20.0	16.9	79.9	15.254	13.3	0.0	0.0	0.0	1.4
26	14.2	20.2	17.1	86.7	16.817	14.8	0.0	0.0	0.0	3.4
27	13.0	23.0	17.3	76.9	15.014	13.0	1.6	3.8	5.4	1.0
28	14.0	19.4	16.1	90.5	16.815	14.8	3.7	0.0	3.7	6.0
29	13.2	19.2	15.6	89.4	15.799	13.8	2.2	0.0	2.2	0.7
30	13.0	22.2	17.7	82.8	16.473	14.4	0.0	0.0	0.0	1.3
31	13.0	24.0	18.3	69.9	14.411	12.3	0.0	0.0	0.0	5.7
PROM.	13.4	22.2	17.6	77.8	15.294	13.2	16.4	14.7	31.1	153.2

ESTACION: AGRONOMIA

MUNICIPIO: MANIZALES

AÑO:

1.983

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	13.0	22.0	17.7	74.1	14.979	13.0	0.0	0.5	0.5	4.7
2	14.2	24.0	17.9	80.5	16.542	14.5	1.7	5.1	6.8	3.6
3	14.2	22.0	17.4	84.7	16.743	14.7	1.0	0.0	1.0	5.5
4	13.2	24.5	18.2	76.1	15.472	13.5	0.0	0.7	0.7	7.7
5	14.2	23.5	16.6	82.9	15.624	13.6	2.2	4.3	6.5	4.9
6	12.6	18.3	15.5	91.1	16.050	14.0	6.9	0.6	7.5	0.2
7	13.2	20.0	16.6	84.7	15.830	13.9	0.0	0.0	0.0	1.0
8	12.0	21.0	16.6	83.3	15.705	13.6	0.5	4.3	4.8	5.0
9	13.2	22.2	16.7	76.9	14.620	12.6	1.5	0.0	1.5	4.6
10	13.6	20.4	16.3	80.4	14.851	12.9	1.5	0.0	1.5	1.6
11	12.6	23.1	16.2	79.7	14.519	12.5	3.0	0.0	3.0	4.0
12	12.7	21.0	17.4	75.0	14.504	12.5	0.0	0.0	0.0	6.4
13	12.2	22.0	16.8	85.6	16.462	14.4	0.6	0.3	0.9	3.6
14	14.0	22.0	16.9	77.9	14.591	12.6	0.0	0.0	0.0	2.4
15	13.2	24.0	17.3	80.4	15.774	13.7	3.2	0.0	3.2	3.4
16	14.2	22.2	16.4	86.2	16.078	14.1	0.0	0.0	0.0	0.9
17	13.7	22.3	17.2	76.7	14.799	12.8	0.0	0.0	0.0	1.0
18	13.0	22.4	16.7	76.8	14.751	12.7	0.3	0.0	0.3	1.1
19	13.2	23.2	17.1	69.4	13.112	10.9	0.0	0.3	0.3	6.7
20	13.2	22.0	17.9	74.6	15.077	13.1	0.0	8.1	8.1	5.2
21	13.0	23.0	17.9	90.2	18.524	16.2	0.0	12.4	12.4	3.9
22	12.5	22.0	17.5	76.1	14.866	12.9	0.2	0.0	0.2	5.0
23	12.6	22.6	17.3	68.5	13.407	11.3	0.0	0.0	0.0	7.3
24	13.1	23.5	17.5	75.8	15.106	13.1	0.0	0.0	0.0	5.4
25	12.5	24.0	18.6	68.3	14.246	12.2	0.0	0.3	0.3	7.9
26	12.8	22.3	16.6	84.8	16.024	14.0	0.9	0.0	0.9	4.7
27	12.6	25.0	18.7	80.8	17.174	15.1	0.0	0.0	0.0	9.3
28	14.2	23.0	17.6	89.1	17.735	15.6	0.0	0.0	0.0	2.6
29	12.3	24.2	18.0	79.2	15.939	13.6	0.0	0.0	0.0	5.0
30	13.6	23.5	17.9	72.2	14.548	12.4	0.0	0.0	0.0	2.9
PROM.	13.2	22.5	17.2	79.4	15.457	13.4	23.5	36.9	60.4	127.7

## 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	13.2	22.2	17.7	79.3	15.979	14.0	0.0	0.0	0.0	3.6
2	13.8	23.2	17.2	81.3	16.321	14.3	18.7	0.4	19.1	4.8
3	12.5	21.3	15.3	85.0	14.711	12.7	3.9	2.5	6.4	3.4
4	12.0	21.6	17.0	88.1	17.106	14.9	1.1	0.0	1.1	4.8
5	13.2	20.0	16.7	83.3	15.800	13.8	0.6	0.0	0.6	2.3
6	14.2	21.5	17.6	75.4	15.157	13.2	0.0	0.0	0.0	2.5
7	11.4	20.0	15.7	78.9	14.070	12.0	0.0	0.0	0.0	1.6
8	13.0	21.5	16.9	79.7	15.194	13.2	0.0	0.0	0.0	3.8
9	13.0	21.0	15.5	92.7	16.864	14.8	19.0	12.9	31.9	3.0
10	12.2	19.0	15.6	83.1	14.816	12.9	0.0	0.0	0.0	0.0
11	11.0	19.0	15.3	87.8	15.189	13.2	0.0	0.0	0.0	1.3
12	13.0	21.0	17.2	81.8	15.901	13.9	2.5	0.4	2.9	3.9
13	13.1	19.3	15.6	81.4	15.550	13.6	0.0	0.0	0.0	4.8
14	13.2	19.5	15.4	90.1	15.924	14.0	11.0	0.0	11.0	0.9
15	13.0	16.7	13.9	96.1	15.569	13.6	22.7	17.1	39.8	0.0
16	11.3	19.5	15.2	86.4	15.043	13.1	6.8	0.0	6.8	2.4
17	12.0	22.5	16.2	75.0	13.481	11.4	0.0	0.0	0.0	9.6
18	11.6	23.2	17.3	72.8	13.990	11.8	0.0	0.0	0.0	9.2
19	12.8	18.7	14.5	96.0	15.925	13.9	24.8	0.0	24.8	1.1
20	12.2	21.2	16.7	86.7	16.380	14.3	0.0	23.9	23.9	4.4
21	12.2	21.2	16.5	94.0	17.567	15.4	0.2	0.2	0.4	2.7
22	12.2	23.3	17.1	75.6	14.393	12.4	0.0	0.0	0.0	6.1
23	13.2	23.0	16.8	89.4	17.176	15.1	0.0	0.0	0.0	4.0
24	12.0	21.0	16.7	84.0	15.900	13.8	2.1	0.0	2.1	5.0
25	13.0	21.2	15.5	93.8	16.873	14.8	10.5	0.0	10.5	1.3
26	11.7	21.2	16.0	87.1	15.876	13.8	0.0	0.0	0.0	2.7
27	13.2	20.2	15.8	96.2	17.655	15.5	4.4	0.0	4.4	1.5
28	13.3	20.2	16.3	95.6	18.046	15.8	45.1	6.8	51.9	0.7
29	12.6	21.0	16.2	88.9	16.416	14.4	1.7	9.6	11.3	2.8
30	13.2	16.2	14.8	94.9	16.034	14.1	11.8	0.0	11.8	4.4
31	13.0	22.0	16.2	82.5	15.287	13.3	0.0	0.0	0.0	5.7
PROM.	12.6	20.7	16.1	86.1	15.813	13.8	186.9	73.8	260.7	104.3

ESTACION: AERONOMIA

MUNICIPIO: MANIZALES

AÑO: 1983

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	13.0	22.7	17.5	78.5	15.441	13.4	0.0	24.2	24.2	7.0
2	13.2	19.6	16.3	89.7	16.662	14.6	0.6	0.0	0.6	1.9
3	13.2	22.2	17.4	88.1	17.771	15.5	0.0	12.2	12.2	4.5
4	13.6	22.2	16.7	81.4	15.553	13.6	1.5	0.0	1.5	5.8
5	13.0	23.6	17.5	78.4	15.552	13.6	0.0	0.0	0.0	6.8
6	13.2	22.4	17.0	78.1	14.852	12.8	4.0	0.0	4.0	4.6
7	13.0	23.2	18.1	80.0	16.279	14.3	0.0	0.0	0.0	8.4
8	14.2	18.4	15.9	90.4	16.429	14.4	0.0	0.0	0.0	0.0
9	13.2	23.3	17.9	79.7	15.865	13.8	10.0	0.0	10.0	6.1
10	12.3	21.2	15.5	84.0	14.986	13.0	9.0	0.0	9.0	6.4
11	12.2	20.8	15.6	83.5	15.184	13.2	7.3	0.0	7.3	3.6
12	12.2	20.5	16.1	84.0	15.385	13.4	0.2	0.0	0.2	5.4
13	12.2	22.0	16.6	77.4	14.441	12.4	21.0	0.0	21.0	5.8
14	11.6	20.0	16.1	83.7	15.388	13.3	1.6	1.8	3.4	7.1
15	12.0	22.2	16.0	80.0	14.570	12.6	6.7	0.0	6.7	4.4
16	12.2	23.0	17.2	81.0	15.617	13.7	0.0	0.0	0.0	7.1
17	13.0	22.2	16.5	81.5	15.326	13.4	3.0	0.0	3.0	5.0
18	13.0	23.0	17.8	78.6	15.738	13.7	0.0	0.0	0.0	7.8
19	14.0	23.0	18.5	76.2	15.738	13.7	0.4	0.0	0.4	5.4
20	13.2	23.0	17.3	81.3	16.507	14.4	1.7	0.0	1.7	4.1
21	14.0	23.0	17.7	78.7	15.687	13.9	0.0	0.2	0.2	2.3
22	14.0	21.2	17.4	81.9	16.260	14.3	0.0	0.0	0.0	3.9
23	13.2	22.2	16.3	77.9	14.818	12.8	2.5	0.0	2.5	5.4
24	13.0	22.2	17.5	74.4	14.958	12.9	0.0	0.0	0.0	0.0
25	13.0	23.2	17.1	77.6	15.123	13.1	0.0	0.0	0.0	8.9
26	12.2	21.2	15.7	81.3	14.817	12.8	5.0	0.0	5.0	3.5
27	12.0	21.0	16.3	88.1	16.169	14.1	8.5	0.0	8.5	4.1
28	12.3	20.2	15.7	85.9	15.468	13.5	9.8	0.0	9.8	1.0
29	12.8	18.8	15.2	86.9	14.940	12.9	0.7	3.5	4.2	0.9
30	12.5	16.6	13.8	91.5	14.575	12.6	12.4	0.0	12.4	0.0
PROM.	12.9	21.6	16.7	82.0	15.545	13.5	105.9	41.9	147.8	137.2

## 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	13.0	20.6	16.0	78.9	14.502	12.5	0.2	0.0	0.2	2.1
2	14.0	21.2	17.5	79.0	15.741	13.8	6.6	0.0	6.6	6.3
3	14.4	20.0	16.1	84.6	15.700	13.7	20.0	38.0	58.0	3.0
4	13.0	19.0	15.0	89.5	15.244	13.3	0.7	1.3	2.0	0.6
5	13.0	17.2	14.7	89.7	16.058	13.1	4.8	0.3	5.1	1.1
6	12.6	21.2	15.9	86.8	15.652	13.6	8.0	8.2	16.2	3.4
7	12.6	21.0	15.4	82.1	14.553	12.6	4.2	1.1	5.3	6.1
8	12.0	21.4	16.2	75.8	13.857	11.8	0.0	0.0	0.0	7.4
9	12.0	20.2	16.0	84.0	15.270	13.3	0.0	1.3	1.3	1.1
10	12.6	21.5	15.8	86.7	15.703	13.7	1.0	0.1	1.1	3.6
11	12.0	20.4	15.4	87.4	15.483	13.3	1.8	23.9	25.7	3.8
12	12.0	21.2	15.7	84.8	14.956	13.0	15.1	0.2	15.3	5.3
13	11.2	21.0	15.8	77.5	13.717	11.6	0.0	0.0	0.0	3.9
14	12.2	19.0	15.1	83.2	14.446	12.4	1.6	0.0	1.6	0.1
15	12.2	21.2	16.5	85.5	15.991	14.0	7.4	0.0	7.4	3.0
16	13.6	20.2	16.0	85.0	15.464	13.5	0.0	0.0	0.0	0.7
17	13.6	18.0	14.2	89.9	14.634	12.7	2.6	0.0	2.6	1.4
18	11.6	23.0	16.4	78.8	14.640	12.6	0.4	31.9	32.3	4.2
19	12.0	22.0	17.8	78.6	15.994	14.0	1.9	8.4	10.3	5.1
20	13.0	21.0	16.9	83.6	15.813	13.8	0.1	0.0	0.1	3.2
21	13.0	22.5	16.4	74.0	13.984	12.0	6.2	0.0	6.2	5.8
22	12.6	21.0	15.9	81.2	14.798	12.8	9.7	0.0	9.7	2.6
23	12.2	21.0	16.1	81.5	14.905	12.9	2.4	0.0	2.4	5.4
24	13.2	22.3	17.2	80.5	15.815	13.8	0.0	0.0	0.0	5.4
25	13.1	23.0	16.8	72.0	14.161	12.0	0.0	0.0	0.0	5.8
26	13.0	20.0	15.2	80.7	14.245	12.2	11.1	0.0	11.1	0.4
27	11.0	22.2	17.0	80.9	15.421	13.4	0.0	0.0	0.0	7.6
28	12.2	23.2	17.1	72.4	13.773	11.7	0.0	0.0	0.0	7.6
29	12.6	21.0	16.0	82.1	15.096	13.1	3.3	0.8	4.1	3.3
30	12.2	19.0	14.6	87.0	14.825	12.8	21.3	0.0	21.3	2.1
31	12.2	19.2	15.3	87.0	15.275	13.3	17.3	0.0	17.3	3.5
PROM.	12.6	20.8	16.0	82.3	14.991	13.0	147.7	115.5	263.2	114.9

ESTACION: AGRONOMIA

MUNICIPIO MANIZALES

AÑO: 1.983

ALTITUD: 2.150

LATITUD: 5-03 N.

LONGITUD: 75-29 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	14.5	24.7	19.0	13.0	26.8	75.2	16.156	14.1	58.5	9	181.5
FEBRERO	14.6	24.5	18.9	12.5	27.2	69.4	14.866	12.8	114.9	7	151.3
MARZO	14.7	23.4	18.2	13.0	25.5	75.0	16.443	13.4	185.7	21	138.7
ABRIL	14.2	21.7	17.2	13.2	24.2	80.8	15.780	13.8	195.4	25	89.2
MAYO	14.3	22.0	17.8	12.6	25.6	79.5	16.039	14.0	154.1	24	117.4
JUNIO	13.9	22.0	17.4	12.0	25.3	77.5	15.215	13.2	72.9	19	131.0
JULIO	13.6	22.1	17.6	11.6	25.2	77.6	15.283	13.2	76.0	15	158.9
AGOSTO	13.4	22.2	17.6	12.2	26.0	77.8	15.294	13.2	31.1	14	153.2
SEPTIEMBRE	13.2	22.5	17.2	12.0	25.0	79.4	15.457	13.4	60.4	19	127.7
OCTUBRE	12.6	20.7	16.1	11.0	23.3	86.1	15.813	13.8	260.7	18	104.3
NOVIEMBRE	12.9	21.6	16.7	11.6	23.6	82.0	15.545	13.5	147.8	22	137.2
DICIEMBRE	12.6	20.8	16.0	11.0	23.2	82.3	14.991	13.0	263.2	24	114.9
PROMEDIO	13.7	22.4	17.5	12.1	25.1	76.6	15.490	13.5			
TOTAL									1620.7	217	1605.3

ESTACION: SANTIAGUEDA - FACULTAD

MUNICIPIO: PALESTINA

AÑO: 1.983

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	16.8	31.5	22.3	75.8	19.666	17.2	0.0	0.0	0.0	7.5
2	18.5	30.5	23.3	78.8	21.966	19.0	0.0	20.5	20.5	5.5
3	16.5	29.0	22.5	75.4	20.073	17.5	0.0	11.3	11.3	3.7
4	17.0	27.0	21.6	85.1	21.754	18.8	6.9	0.8	7.7	1.1
5	18.0	29.5	24.1	71.5	20.394	17.6	0.0	0.0	0.0	6.2
6	19.0	31.0	24.2	68.0	19.790	17.2	0.0	0.0	0.0	7.0
7	17.5	30.5	24.3	69.7	20.265	17.7	0.0	1.0	1.0	5.6
8	19.0	29.8	24.0	71.5	20.899	18.1	0.0	0.0	0.0	6.1
9	16.0	32.0	23.2	74.2	19.978	17.3	0.0	0.0	0.0	4.3
10	15.5	31.5	23.8	71.3	19.761	17.2	0.0	4.1	4.1	7.4
11	19.0	32.5	24.8	73.3	21.923	18.8	0.0	0.0	0.0	7.0
12	18.5	30.0	24.6	75.3	22.465	19.3	0.0	3.1	3.1	2.6
13	18.0	31.5	24.3	73.9	21.497	18.5	0.0	0.0	0.0	6.8
14	16.5	32.0	23.4	70.9	19.219	16.7	0.0	0.0	0.0	6.2
15	15.5	33.3	23.9	71.9	19.939	17.3	0.0	0.0	0.0	9.9
16	19.0	33.5	25.2	72.5	22.244	19.0	0.5	0.0	0.5	8.1
17	18.0	33.0	24.3	72.3	21.135	18.3	0.0	0.0	0.0	7.3
18	16.6	32.8	24.7	69.8	20.076	17.3	0.0	0.0	0.0	9.6
19	16.5	33.5	24.8	70.7	20.455	17.6	0.0	0.0	0.0	9.2
20	17.0	32.0	24.7	69.3	20.386	17.8	0.0	0.0	0.0	7.5
21	16.0	34.0	24.7	64.6	18.707	16.4	0.0	0.0	0.0	8.1
22	18.5	34.0	25.5	66.1	19.955	17.2	0.0	0.0	0.0	9.7
23	17.0	34.0	25.0	70.0	20.589	17.7	0.0	0.0	0.0	9.4
24	15.5	33.0	24.2	67.4	18.700	16.3	0.0	0.0	0.0	8.8
25	16.4	33.5	24.9	68.0	19.673	17.0	0.0	0.0	0.0	9.4
26	17.8	33.0	25.7	68.3	21.410	18.5	0.0	57.9	57.9	7.7
27	18.5	28.3	23.0	81.3	22.531	19.4	C.3	0.0	0.3	7.8
28	17.5	32.0	25.0	78.0	23.661	20.1	0.0	12.5	12.5	7.1
29	18.0	31.9	24.6	73.1	21.839	18.7	0.0	0.0	0.0	6.5
30	17.6	32.5	24.1	71.7	20.831	18.1	0.0	16.6	16.6	7.9
31	18.5	29.5	24.0	79.5	22.966	19.6	0.0	0.0	0.0	3.2
PROM.	17.4	31.7	24.2	72.6	20.798	18.0	7.7	127.8	135.5	216.8

## 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	18.5	32.3	24.7	73.1	21.710	18.6	0.0	0.0	0.0	8.9
2	17.5	32.5	24.2	73.3	21.159	18.2	0.0	0.0	0.0	6.5
3	17.0	33.9	24.5	72.1	20.906	18.1	0.0	0.0	0.0	9.8
4	17.5	32.0	24.9	72.6	21.847	18.8	0.0	11.0	11.0	7.8
5	19.4	30.5	24.9	73.7	22.498	19.4	0.0	0.0	0.0	8.3
6	18.0	32.6	24.5	73.6	21.487	18.4	0.0	4.6	4.6	8.1
7	17.4	30.0	23.3	73.8	20.201	17.5	0.1	13.8	13.9	3.8
8	16.5	31.4	23.5	68.1	18.402	16.0	0.0	12.4	12.4	9.0
9	17.3	31.8	24.0	73.4	20.909	18.1	0.0	0.0	0.0	8.0
10	18.4	32.3	24.7	70.6	20.711	17.8	0.0	0.0	0.0	7.8
11	18.5	33.0	25.2	72.8	22.123	18.9	0.0	0.2	0.2	9.4
12	19.4	32.3	24.9	72.5	21.739	18.7	0.0	0.0	0.0	7.7
13	18.5	31.4	25.8	69.2	21.642	18.6	0.0	0.0	0.0	7.0
14	14.5	32.3	23.5	68.2	18.100	15.8	0.0	0.0	0.0	9.0
15	14.5	32.5	24.1	65.1	17.315	14.9	0.0	0.0	0.0	6.9
16	16.5	33.0	24.7	66.8	18.779	16.0	0.0	0.0	0.0	7.0
17	16.4	32.5	25.2	69.5	20.611	17.9	0.0	4.1	4.1	6.9
18	17.5	32.3	24.8	73.0	21.485	18.4	0.0	0.2	0.2	6.5
19	17.5	33.0	25.2	70.3	21.235	18.4	0.0	0.0	0.0	8.7
20	18.5	32.5	24.7	69.0	20.265	17.5	0.0	0.0	0.0	8.1
21	18.0	29.5	23.1	78.4	21.728	18.8	0.0	0.0	0.0	2.9
22	15.5	35.5	25.0	62.3	17.419	15.1	0.0	0.0	0.0	7.7
23	18.5	33.5	25.8	65.4	20.166	17.6	0.0	12.1	12.1	7.7
24	18.0	31.3	24.8	73.6	22.103	19.1	0.0	0.0	0.0	4.4
25	17.5	31.8	24.5	71.9	20.991	18.2	0.0	0.0	0.0	3.5
26	17.8	34.5	27.2	61.5	19.965	17.4	0.0	0.0	0.0	9.3
27	17.5	33.3	25.4	71.7	22.103	19.1	0.0	0.0	0.0	6.6
28	18.0	33.0	24.8	68.3	19.912	17.3	0.0	0.0	0.0	5.5
PROM.	17.5	32.4	24.7	70.5	20.625	17.8	0.1	58.4	58.5	202.8

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO: PALESTINA AÑO: 1.983  
 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	18.5	33.5	25.1	66.7	19.591	16.5	0.0	19.8	19.8	5.0
2	18.5	31.5	25.0	70.2	20.598	18.1	0.0	3.4	3.4	6.6
3	18.5	31.0	23.8	81.3	23.597	20.1	0.8	0.0	0.8	2.3
4	19.5	32.5	23.7	78.7	22.878	19.6	0.0	0.0	0.0	7.6
5	16.5	32.5	25.5	71.0	22.101	19.1	0.0	0.7	0.7	7.3
6	18.0	31.5	24.1	66.0	18.045	14.7	0.0	0.4	0.4	4.8
7	18.5	30.0	23.7	79.2	22.830	19.6	2.5	0.0	2.5	4.2
8	19.0	28.5	22.4	89.2	24.177	20.5	9.9	0.0	9.9	3.1
9	19.0	31.5	24.3	73.2	21.559	18.5	0.0	0.0	0.0	6.5
10	17.6	27.3	21.9	84.6	22.010	19.0	1.5	0.0	1.5	0.9
11	17.0	32.5	23.6	68.7	19.383	17.0	0.1	0.0	0.1	7.9
12	18.0	33.0	25.0	69.1	20.590	17.8	0.0	0.0	0.0	9.4
13	19.0	32.5	24.0	72.4	20.731	17.9	0.0	5.7	5.7	6.1
14	17.5	29.0	23.4	82.6	23.256	19.9	1.3	0.0	1.3	1.0
15	16.0	32.5	24.9	70.7	20.575	17.7	0.0	0.0	0.0	8.0
16	19.0	33.5	25.6	69.7	21.383	18.3	0.0	0.3	0.3	8.8
17	19.0	28.0	21.9	94.5	25.213	21.2	10.0	0.0	10.0	2.2
18	17.3	31.2	24.1	77.5	22.432	19.3	0.0	0.0	0.0	6.3
19	16.5	33.5	25.4	68.0	20.416	17.6	0.0	0.0	0.0	8.8
20	16.5	32.5	24.6	72.2	21.398	18.6	0.0	0.0	0.0	5.1
21	17.0	32.5	24.6	68.7	19.385	16.7	0.0	0.0	0.0	5.4
22	15.5	33.0	25.3	61.2	17.737	15.5	0.0	9.9	9.9	8.4
23	16.5	33.6	25.0	67.3	19.874	17.3	0.0	0.0	0.0	7.8
24	18.0	31.0	23.8	78.2	22.551	19.3	3.9	7.7	11.6	4.0
25	18.0	22.8	21.8	92.7	23.918	20.4	7.3	1.4	8.7	0.0
26	18.0	30.0	22.4	82.0	22.335	19.2	6.6	20.4	27.0	2.5
27	17.5	29.5	22.8	78.7	21.309	18.5	0.0	0.0	0.0	5.2
28	16.5	33.0	24.6	73.3	21.352	18.1	1.1	0.5	1.6	7.6
29	16.5	32.5	22.5	70.9	18.652	16.3	0.1	8.8	8.9	8.2
30	17.5	30.5	23.3	73.9	20.460	17.7	0.0	0.0	0.0	7.5
31	17.5	33.0	25.5	66.4	20.353	17.7	0.0	0.0	0.0	8.9
PROM.	17.7	31.3	24.0	74.8	21.327	18.3	45.1	79.0	124.1	177.4

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	18.5	32.5	25.5	64.1	19.401	16.9	0.0	0.0	0.0	7.9
2	17.5	32.0	24.8	72.3	21.962	18.9	0.0	5.7	5.7	7.7
3	18.5	31.0	23.7	75.0	21.110	18.1	0.0	0.0	0.0	3.5
4	17.5	30.0	23.7	77.8	22.008	18.9	0.0	0.0	0.0	2.5
5	16.3	32.0	24.5	71.2	20.553	17.9	0.0	10.6	10.6	5.5
6	18.0	30.0	23.5	79.4	22.415	19.3	0.0	28.9	28.9	3.9
7	18.5	25.0	20.7	90.4	22.079	19.0	4.7	0.0	4.7	0.1
8	17.5	31.0	23.9	71.1	20.272	17.6	0.0	0.4	0.4	8.3
9	19.0	22.6	21.2	94.5	23.790	20.3	7.8	1.7	9.5	0.0
10	17.5	31.0	23.5	77.2	21.711	18.8	0.0	1.5	1.5	5.0
11	18.0	26.5	20.9	93.0	23.279	19.9	2.0	0.0	2.0	1.0
12	16.5	31.0	23.7	71.5	19.808	17.2	0.0	1.0	1.0	8.2
13	18.5	28.5	22.1	84.9	22.567	19.4	0.8	0.0	0.8	2.2
14	18.5	28.5	22.6	86.0	23.813	20.3	0.6	0.7	1.3	1.2
15	18.0	31.5	24.5	74.0	21.693	18.6	0.0	35.6	35.6	6.5
16	18.0	27.6	22.7	82.3	22.352	19.2	0.0	0.0	0.0	2.4
17	16.5	30.0	23.7	78.8	22.455	19.3	0.0	1.9	1.9	4.2
18	18.0	27.8	21.2	86.8	22.553	19.4	23.6	0.6	24.2	1.0
19	17.0	30.0	23.9	72.6	20.647	17.9	0.2	33.0	33.2	6.7
20	17.8	31.0	24.4	80.5	24.130	20.5	1.8	21.6	23.4	7.8
21	17.5	26.0	21.4	90.0	22.863	19.6	0.3	0.0	0.3	0.4
22	18.0	30.0	23.7	76.7	21.717	18.6	0.0	0.0	0.0	5.1
23	18.0	31.5	24.8	68.1	20.649	18.0	0.0	4.9	4.9	7.3
24	18.5	28.5	22.8	85.2	23.155	19.8	0.0	3.1	3.1	3.8
25	18.0	30.5	24.8	74.5	22.254	19.0	0.0	18.8	18.8	6.3
26	18.5	28.0	23.4	82.6	23.281	19.8	2.7	0.0	2.7	1.0
27	18.5	29.0	23.9	78.6	22.892	19.6	0.0	52.2	52.2	3.3
28	16.5	27.0	21.5	82.0	20.706	18.0	0.4	3.5	3.9	1.3
29	17.0	29.6	22.0	82.7	22.016	19.0	0.5	4.7	5.2	3.0
30	18.0	30.5	23.5	72.8	20.657	18.0	0.2	2.7	2.9	6.8
PROM.	17.8	29.3	23.2	79.2	21.960	18.9	45.6	233.1	278.7	123.9

ESTACION: SANTAGUEDA - FACULTAD

MUNICIPIO: PALESTINA

AÑO:

1.993

ALTITUD: 1.010

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	17.5	26.5	22.8	85.2	23.373	20.0	6.5	0.0	6.5	6.1
2	18.0	31.0	24.2	74.0	21.192	18.1	0.0	38.7	38.7	5.0
3	17.5	29.5	23.7	76.8	21.857	18.8	0.0	17.0	17.0	4.8
4	16.5	30.0	23.7	76.9	21.553	18.5	0.0	0.6	0.6	4.5
5	17.5	29.9	23.4	79.9	22.686	19.5	0.0	0.0	0.0	2.6
6	18.4	25.0	23.6	79.2	22.683	19.5	0.0	0.0	0.0	3.6
7	19.6	27.5	23.9	81.6	23.911	20.3	0.0	0.0	0.0	0.6
8	17.6	31.5	24.6	69.5	20.544	17.8	0.0	0.0	0.0	7.2
9	17.0	32.5	25.5	65.1	19.969	17.2	0.0	0.0	0.0	9.0
10	17.6	32.5	25.0	72.6	21.921	18.9	0.0	0.0	0.0	9.0
11	20.4	32.5	24.4	76.0	22.856	19.5	3.0	5.7	8.7	7.6
12	19.5	30.5	25.2	75.2	23.371	20.0	0.0	0.0	0.0	4.7
13	17.0	29.5	23.8	75.3	21.391	18.4	0.2	0.0	0.2	4.5
14	16.5	31.4	24.3	70.1	20.516	17.9	0.0	24.3	24.3	5.0
15	18.5	28.3	23.1	80.8	22.658	19.5	0.0	1.0	1.0	2.1
16	18.5	24.5	21.4	94.5	23.987	20.4	3.0	0.3	3.3	0.5
17	15.8	28.9	23.5	77.4	21.354	18.4	0.0	63.7	63.7	7.6
18	18.5	27.0	22.4	81.4	21.755	18.8	0.0	45.7	45.7	1.3
19	17.5	29.0	22.7	77.7	20.751	17.9	0.0	0.2	0.2	3.5
20	17.5	25.3	24.1	78.5	22.879	19.6	0.0	0.0	0.0	5.5
21	18.4	28.5	23.2	74.1	20.615	17.9	0.0	2.5	2.5	3.5
22	17.6	31.0	23.4	73.7	20.592	17.9	0.0	0.0	0.0	4.6
23	16.8	30.5	23.3	75.0	20.849	18.1	0.0	12.3	12.3	7.6
24	17.5	30.5	23.8	81.5	23.498	20.0	0.0	0.0	0.0	5.6
25	18.4	31.0	24.9	70.7	21.262	18.4	0.0	0.5	0.5	5.5
26	18.5	31.5	24.0	79.5	23.564	20.2	5.7	18.6	24.3	7.0
27	18.4	30.6	24.1	79.1	23.316	19.9	0.0	16.2	16.2	4.5
28	18.5	28.0	22.2	82.9	22.396	19.3	9.6	12.8	22.4	0.5
29	17.4	28.5	23.6	74.5	20.891	18.2	0.0	0.0	0.0	4.7
30	17.6	31.0	23.8	71.1	20.717	17.9	0.0	0.0	0.0	8.6
31	17.8	30.5	24.5	74.3	22.059	18.9	0.0	0.0	0.0	2.2
PROM.	17.9	29.9	23.7	76.9	21.968	18.9	28.0	260.1	288.1	150.5

## M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.6	30.4	24.3	80.8	24.204	20.5	0.0	6.0	6.0	3.0
2	18.5	31.6	24.4	74.3	22.034	18.9	0.0	14.5	14.5	6.9
3	17.5	28.5	23.0	79.3	21.678	18.6	3.9	18.9	22.8	0.9
4	17.5	28.0	23.2	88.5	24.842	21.0	1.5	18.2	19.7	1.0
5	17.6	27.3	23.4	81.5	22.738	19.5	0.0	0.0	0.0	1.6
6	18.6	29.6	23.4	73.9	20.760	17.9	0.0	0.0	0.0	5.1
7	16.5	30.5	23.0	75.9	20.397	17.6	0.0	0.0	0.0	6.9
8	18.5	24.0	20.9	90.2	22.733	19.5	1.4	0.2	1.6	0.0
9	16.3	29.0	23.2	78.5	21.357	18.5	0.0	0.8	0.8	6.5
10	18.5	31.5	24.2	73.8	21.315	18.4	0.0	0.4	0.4	6.2
11	18.0	29.5	21.6	81.2	20.859	18.1	4.0	0.0	4.0	1.2
12	16.4	28.5	23.4	74.0	20.647	18.0	0.0	0.0	0.0	3.5
13	18.5	31.6	24.0	69.6	19.964	17.4	0.0	0.0	0.0	4.5
14	18.5	31.5	24.0	76.9	22.463	19.3	0.0	0.0	0.0	3.4
15	16.6	31.5	24.1	74.2	21.562	18.6	0.0	0.0	0.0	2.2
16	17.5	31.6	24.5	70.9	20.767	18.0	0.0	67.6	67.6	3.1
17	16.4	29.4	22.6	80.8	21.795	18.9	0.1	0.0	0.1	2.6
18	15.5	32.3	24.4	70.0	20.516	17.9	0.0	0.0	0.0	6.7
19	17.5	32.5	24.7	71.1	21.086	18.2	0.0	0.0	0.0	0.0
20	18.6	29.0	23.9	81.0	23.653	20.2	0.0	0.0	0.0	0.0
21	17.0	31.6	24.0	71.9	20.136	17.4	0.0	0.0	0.0	1.0
22	15.6	31.0	24.5	68.8	19.857	17.3	0.0	0.0	0.0	1.4
23	17.6	31.0	23.8	74.0	20.696	17.9	0.0	0.0	0.0	7.9
24	16.8	29.5	24.2	74.4	21.466	18.5	0.0	0.0	0.0	6.6
25	14.8	30.9	23.7	65.0	17.853	15.6	0.0	0.0	0.0	7.1
26	16.5	31.9	24.0	69.0	19.152	16.5	0.0	2.5	2.5	6.5
27	17.7	32.4	23.7	70.1	19.655	17.2	0.0	0.0	0.0	9.5
28	15.5	29.9	23.1	75.0	20.666	17.9	1.1	0.0	1.1	4.4
29	18.6	28.3	23.7	79.7	22.853	19.6	0.0	0.0	0.0	3.4
30	16.5	30.6	23.2	69.6	18.494	16.0	0.0	0.0	0.0	6.0
PROM.	17.4	30.2	23.6	75.5	21.209	18.3	12.0	129.1	141.1	45

ESTACION: SANTAGUEDA - FACULTAD

MUNICIPIO: PALESTINA

AÑO: 1.983

ALTITUD: 1.010

LATITUD: 5-05 N.

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	16.5	31.5	23.4	73.8	20.159	17.5	0.0	0.0	0.0	6.3
2	18.5	30.5	23.5	77.2	22.466	19.3	0.3	0.0	0.3	6.2
3	17.0	30.9	23.3	75.5	20.652	17.9	0.0	0.0	0.0	8.8
4	15.5	31.9	24.6	68.8	20.045	17.5	0.0	3.0	3.0	7.3
5	18.0	28.0	22.1	82.1	21.677	18.8	0.0	0.0	0.0	2.3
6	15.5	29.6	22.6	74.6	15.628	17.1	0.0	0.0	0.0	8.6
7	16.8	31.9	24.1	66.1	18.331	16.0	0.0	3.5	3.5	9.8
8	17.6	30.0	23.1	77.0	21.144	18.3	0.0	4.4	4.4	7.3
9	17.5	26.0	21.9	84.1	21.850	18.9	0.0	7.1	7.1	1.0
10	18.0	30.0	22.8	73.3	19.876	17.4	0.0	0.0	0.0	7.7
11	17.5	30.0	23.2	73.1	19.685	17.2	0.0	5.1	5.1	8.2
12	17.0	30.5	23.0	76.5	20.431	17.6	0.0	0.0	0.0	6.4
13	17.4	32.3	24.0	71.6	20.299	17.6	0.0	0.0	0.0	10.3
14	16.8	31.5	24.3	69.0	19.665	17.1	0.0	30.3	30.3	9.7
15	18.4	28.9	23.3	77.5	21.395	18.3	10.9	0.0	10.9	4.2
16	17.5	29.5	22.7	83.8	22.773	19.5	0.0	1.6	1.6	5.9
17	18.5	28.5	23.3	77.8	21.582	18.6	0.0	0.0	0.0	5.8
18	14.0	33.0	22.8	74.3	19.532	17.1	0.0	0.0	0.0	10.9
19	15.8	31.2	23.6	73.7	20.622	18.0	0.0	0.0	0.0	4.2
20	17.8	32.0	24.0	69.5	19.556	17.0	0.0	0.0	0.0	9.0
21	17.8	31.5	24.7	68.9	20.152	17.4	0.0	12.2	12.2	6.6
22	17.8	28.3	22.7	76.6	20.774	18.1	0.0	3.5	3.5	1.6
23	18.5	26.3	21.5	89.3	22.763	19.6	2.9	0.0	2.9	1.6
24	15.5	30.3	22.8	71.3	15.419	17.0	0.0	0.0	0.0	5.2
25	12.5	33.0	22.1	67.0	16.307	14.3	0.0	0.0	0.0	10.4
26	13.8	33.0	22.8	62.9	15.767	13.6	0.0	0.0	0.0	10.5
27	12.5	27.5	21.3	81.8	20.099	17.5	0.0	0.0	0.0	4.1
28	14.5	31.3	23.8	71.5	19.496	16.8	0.0	0.0	0.0	6.7
29	18.5	32.5	24.2	72.6	20.655	17.9	0.0	1.9	1.9	8.3
30	18.5	29.5	23.7	78.3	22.415	19.3	1.1	0.0	1.1	3.1
31	18.5	27.3	23.3	77.8	21.648	18.7	0.0	9.6	9.6	4.0
PROM.	16.8	30.3	23.2	74.8	20.352	17.6	15.2	87.2	102.4	202.0

## M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	27.5	22.8	83.5	22.752	19.5	0.0	3.8	3.8	3.4
2	18.0	29.3	22.7	77.2	20.978	18.2	0.0	0.0	0.0	4.2
3	19.0	30.0	22.7	80.8	22.000	19.0	0.0	0.0	0.0	4.7
4	15.8	31.0	23.2	73.1	19.612	17.1	0.0	25.3	25.3	8.0
5	17.8	25.3	20.5	94.9	22.582	19.4	5.1	0.1	5.2	2.3
6	17.5	29.0	23.1	73.0	19.550	16.9	0.0	17.0	17.0	6.5
7	18.5	30.3	23.1	77.2	21.146	18.2	0.0	39.0	39.0	7.8
8	15.5	32.0	22.6	72.1	18.387	16.0	0.0	0.0	0.0	8.5
9	14.5	31.3	23.0	70.8	18.057	15.5	0.0	0.0	0.0	8.2
10	16.5	32.5	22.6	75.9	19.944	17.4	0.0	0.0	0.0	7.4
11	14.5	33.5	22.7	68.3	17.075	14.7	0.0	0.2	0.2	10.9
12	18.4	30.0	23.5	73.0	20.041	17.4	0.0	0.0	0.0	6.3
13	17.5	33.5	23.0	75.7	20.800	18.1	0.0	0.0	0.0	7.8
14	16.5	33.0	23.5	71.3	19.225	16.7	0.0	0.0	0.0	8.5
15	16.8	33.5	24.1	67.8	19.046	16.5	0.0	0.0	0.0	8.7
16	16.5	33.0	23.9	69.5	19.016	16.5	0.0	0.0	0.0	7.6
17	17.6	32.5	24.5	70.2	19.965	17.1	0.0	0.0	0.0	6.9
18	16.5	28.8	22.4	78.0	20.610	18.0	0.0	0.0	0.0	2.9
19	17.5	29.3	22.2	77.2	20.182	17.5	0.0	0.0	0.0	3.5
20	14.8	33.5	23.8	65.5	17.304	15.1	0.0	0.0	0.0	7.0
21	17.5	31.3	24.3	68.4	19.835	17.3	0.0	0.0	0.0	5.4
22	18.5	33.5	24.4	68.6	19.528	16.8	0.0	10.2	10.2	9.4
23	17.5	31.3	23.0	77.4	21.126	18.3	0.0	12.0	12.0	4.4
24	18.0	27.5	22.0	78.9	20.547	17.8	0.0	0.0	0.0	2.4
25	16.6	28.8	22.5	78.7	20.807	18.1	0.0	9.5	9.5	2.2
26	17.6	30.0	22.6	77.2	20.438	17.7	0.0	2.4	2.4	3.9
27	18.5	31.5	22.0	76.0	19.213	16.4	0.0	18.8	18.8	7.3
28	17.4	27.1	21.7	84.6	21.739	18.8	1.7	2.9	4.6	2.5
29	17.8	28.1	22.6	74.9	20.061	17.5	0.0	1.4	1.4	2.7
30	16.5	30.9	22.6	76.0	19.804	17.1	0.0	0.0	0.0	6.2
31	16.5	32.3	23.5	65.3	17.728	15.5	0.0	0.0	0.0	9.3
PROM.	17.1	30.7	22.9	74.9	19.974	17.3	6.8	142.6	149.4	186.8

ESTACION: SANTAGUEDA - FACULTAD

MUNICIPIO: PALESTINA

AÑO: 1.983

ALTITUD: 1.010

LATITUD: S-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	16.5	31.3	23.7	72.7	20.651	18.0	0.0	0.1	0.1	8.6
2	18.1	32.5	23.6	75.2	20.791	17.8	4.8	51.1	55.9	6.3
3	17.5	28.6	22.0	78.7	20.278	17.7	0.8	0.0	0.8	4.6
4	16.5	31.3	22.9	74.6	19.797	17.2	0.0	0.0	0.0	9.2
5	17.5	30.2	22.2	78.2	20.287	17.6	4.7	15.3	20.0	7.8
6	17.3	26.2	22.4	80.5	21.249	18.4	0.1	19.7	19.8	0.8
7	17.5	28.0	22.3	79.4	20.744	18.0	2.2	0.0	2.2	3.7
8	15.6	28.6	22.0	75.7	19.351	16.9	0.2	2.4	2.6	5.4
9	16.5	29.3	22.0	73.9	18.599	16.1	0.0	0.1	0.1	5.5
10	17.5	28.3	21.1	84.8	21.007	18.2	0.0	0.0	0.0	3.1
11	16.4	27.6	22.2	79.2	20.704	18.0	0.0	0.0	0.0	4.2
12	16.5	31.3	23.5	71.0	19.428	16.9	0.0	0.0	0.0	8.8
13	16.5	30.5	23.0	73.5	19.402	16.7	0.0	15.0	15.0	5.6
14	17.5	29.3	23.1	77.1	20.859	18.0	0.0	0.0	0.0	2.5
15	17.5	32.0	23.2	70.8	19.245	16.8	0.0	0.2	0.2	7.1
16	18.0	28.8	20.9	80.3	19.737	17.2	28.3	12.4	40.7	4.9
17	17.5	31.0	22.1	77.6	20.268	17.7	2.0	0.0	2.0	6.4
18	17.5	31.4	23.2	77.3	21.375	18.6	0.0	5.3	5.3	6.7
19	18.7	31.5	23.6	71.6	19.907	17.2	0.0	14.7	14.7	8.6
20	18.7	29.4	23.6	76.3	21.405	18.4	0.0	16.1	16.1	7.4
21	17.5	29.1	21.9	78.0	20.110	17.5	0.0	20.0	20.0	5.2
22	17.5	28.8	21.9	77.2	19.662	17.1	0.0	0.0	0.0	6.3
23	15.6	31.6	23.1	70.1	18.468	16.0	0.0	0.0	0.0	9.0
24	17.5	30.5	23.0	77.6	21.083	18.2	0.0	0.0	0.0	5.7
25	17.5	31.0	23.5	73.2	20.035	17.4	0.0	0.0	0.0	6.5
26	18.5	31.6	23.9	64.1	18.323	16.0	0.0	0.0	0.0	6.2
27	17.3	32.6	23.9	67.9	18.563	16.1	0.0	0.0	0.0	8.3
28	20.0	31.1	23.3	65.1	18.043	15.6	0.0	0.0	0.0	4.1
29	18.0	30.3	23.9	68.0	19.378	16.9	0.0	4.7	4.7	5.3
30	18.5	31.5	23.8	62.7	17.693	15.4	0.0	0.0	0.0	5.4
PROM.	17.4	30.2	22.8	74.4	19.881	17.3	49.1	177.1	226.2	175.2

## 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	18.5	31.5	24.7	61.9	18.263	15.9	0.0	0.0	0.0	6.6
2	18.0	31.8	24.7	63.8	18.637	16.1	0.0	0.0	0.0	7.1
3	17.0	29.6	23.1	71.1	19.239	16.7	0.8	1.7	2.5	4.7
4	17.5	30.0	23.4	69.5	19.182	16.7	0.0	25.0	25.0	7.0
5	18.0	29.5	23.1	71.0	19.359	16.8	0.0	0.0	0.0	4.3
6	17.0	31.4	23.5	63.9	17.482	15.2	0.0	0.0	0.0	6.9
7	16.5	28.6	22.4	68.2	17.624	15.3	0.0	0.0	0.0	0.2
8	15.6	31.0	22.1	65.4	16.784	14.7	0.0	1.7	1.7	6.1
9	17.6	30.3	23.4	70.1	19.421	17.0	3.0	11.2	14.2	7.5
10	17.6	28.3	22.1	70.2	18.192	15.9	0.0	0.0	0.0	4.7
11	18.0	28.0	21.6	74.7	19.035	16.6	0.0	0.0	0.0	2.5
12	17.0	30.3	23.0	67.6	17.992	15.7	0.0	6.9	6.9	5.0
13	17.4	27.8	22.3	72.1	19.177	16.7	0.0	0.0	0.0	4.5
14	17.0	28.0	21.2	74.7	18.264	15.9	14.8	0.0	14.8	1.6
15	17.4	25.3	20.3	78.9	18.665	16.4	5.3	15.5	20.8	0.1
16	16.7	25.5	20.8	77.2	18.681	16.3	0.0	0.4	0.4	5.4
17	16.5	30.0	22.1	67.0	16.810	14.6	0.0	0.0	0.0	3.7
18	14.5	30.8	22.6	69.2	18.360	16.0	0.0	0.0	0.0	8.8
19	17.0	25.4	20.2	86.3	20.424	17.8	1.4	2.6	4.0	0.3
20	15.7	28.5	21.8	72.7	18.340	16.0	0.0	5.7	5.7	4.2
21	15.5	27.3	20.8	78.4	19.043	16.7	0.0	0.0	0.0	2.0
22	15.5	30.0	21.8	66.3	16.681	14.5	0.0	0.0	0.0	6.9
23	16.6	30.9	23.3	67.7	18.719	16.4	0.0	0.0	0.0	6.9
24	17.5	31.0	22.4	65.4	18.003	15.6	0.0	0.0	0.0	7.3
25	17.8	27.5	21.6	78.5	20.311	17.7	1.5	0.3	1.8	0.8
26	16.0	29.6	22.6	68.9	17.691	15.4	0.0	9.0	9.0	6.7
27	17.5	28.5	22.3	76.3	20.185	17.5	0.0	0.0	0.0	1.8
28	17.5	26.5	22.8	69.2	18.711	16.4	0.0	21.7	21.7	2.1
29	17.5	27.3	22.0	77.1	19.778	17.2	0.4	18.2	18.6	4.5
30	17.5	24.0	20.7	82.2	19.506	17.4	1.5	0.2	1.7	7.1
31	16.6	29.5	21.4	73.8	18.212	16.0	1.8	0.0	1.8	7.6
PROM.	17.0	28.9	22.3	71.7	18.619	16.2	30.5	120.1	150.6	144.9

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO: PALESTINA AÑO: 1.983  
 ALTITUD: 1.010 LATITUD: 5-05 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	17.6	30.5	22.9	68.9	18.401	16.0	0.0	19.7	19.7	8.8
2	17.7	28.0	22.5	77.3	20.554	17.9	0.0	0.1	0.1	5.1
3	17.5	29.5	22.9	72.7	19.734	17.2	0.0	11.1	11.1	5.7
4	17.6	29.3	22.8	73.2	19.575	16.9	0.0	0.0	0.0	6.4
5	18.4	30.5	23.6	70.2	19.858	17.3	0.0	0.0	0.0	7.7
6	18.0	29.6	23.2	70.5	19.605	17.0	0.0	0.0	0.0	4.9
7	17.5	31.4	23.3	68.4	18.743	16.3	0.0	0.6	0.6	8.3
8	18.0	26.0	22.0	79.5	20.875	18.2	0.0	1.6	1.6	0.0
9	18.9	31.3	23.7	67.4	18.730	16.2	0.0	20.1	20.1	8.2
10	16.0	29.0	21.4	76.5	19.298	16.9	0.0	0.0	0.0	6.4
11	16.0	28.5	21.6	71.6	18.181	15.9	2.6	0.1	2.7	5.7
12	17.0	29.6	22.1	70.3	18.512	16.2	0.0	0.0	0.0	7.3
13	16.0	31.4	22.2	71.6	18.342	16.0	0.0	11.6	11.6	7.2
14	15.0	29.5	21.7	70.4	17.384	15.1	0.0	8.8	8.8	6.8
15	15.5	29.4	21.7	69.6	17.059	14.8	0.0	3.0	3.0	7.0
16	17.0	29.5	22.2	70.9	18.224	15.7	0.0	0.0	0.0	5.0
17	17.5	29.5	21.4	73.4	18.032	15.7	2.8	0.0	2.8	5.8
18	17.0	29.3	23.7	70.3	19.623	17.1	0.0	18.0	18.0	6.9
19	17.5	30.0	23.7	73.2	20.774	18.1	0.0	0.0	0.0	6.6
20	16.8	30.3	23.4	67.8	19.083	16.7	0.0	0.0	0.0	5.6
21	18.0	30.2	24.2	70.0	20.343	17.6	0.0	41.1	41.1	4.9
22	18.0	29.5	23.2	72.1	19.765	17.2	0.0	1.5	1.5	6.5
23	19.0	29.5	23.2	70.4	19.617	17.1	0.0	0.0	0.0	6.2
24	17.0	29.0	22.0	74.1	19.356	17.0	0.0	0.0	0.0	7.4
25	15.5	30.6	23.1	67.0	17.568	15.3	0.0	0.0	0.0	8.4
26	17.5	29.5	21.9	70.3	18.250	16.0	0.0	0.0	0.0	6.3
27	15.6	29.8	22.6	70.3	18.445	16.0	0.0	27.0	27.0	6.0
28	17.6	27.4	22.1	78.0	20.384	17.8	4.7	35.5	40.2	4.1
29	17.8	28.5	20.9	73.8	18.105	15.9	0.3	5.7	6.0	5.1
30	16.5	26.0	20.4	77.6	18.474	16.2	1.9	0.0	1.9	7.2
PROM.	17.2	29.4	22.5	71.9	19.031	16.0	12.3	205.5	217.8	187.9

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	17.0	28.0	22.5	70.3	18.220	15.8	0.0	0.0	0.0	4.1
2	17.0	29.5	22.1	64.3	16.225	14.0	0.0	21.7	21.7	10.0
3	17.6	27.0	22.5	76.7	20.684	18.0	0.5	22.4	22.9	2.0
4	17.8	27.3	21.7	76.0	19.466	17.0	0.0	3.6	3.6	3.4
5	17.1	24.5	20.7	82.7	20.247	17.7	0.4	9.6	10.0	0.3
6	17.3	27.5	21.6	75.6	19.243	16.9	0.5	19.1	19.6	3.7
7	17.1	28.0	21.0	70.2	17.171	15.0	0.0	0.6	0.6	6.8
8	16.0	29.0	21.6	64.1	15.600	13.5	0.0	0.0	0.0	6.8
9	15.0	29.3	21.7	71.8	17.623	15.3	0.0	5.9	5.9	0.0
10	17.5	28.8	21.3	72.0	17.653	15.2	1.2	0.0	1.2	1.1
11	14.7	29.5	19.7	72.0	15.916	13.6	3.2	0.0	3.2	5.1
12	15.5	28.5	21.7	73.8	18.486	16.0	9.7	0.0	9.7	5.7
13	14.5	28.4	21.5	75.4	18.808	16.5	0.0	8.8	8.8	6.9
14	16.5	27.0	21.1	79.5	19.947	17.4	0.0	0.0	0.0	3.2
15	16.7	29.5	21.2	67.5	16.656	14.6	2.4	0.0	2.4	4.6
16	17.0	27.4	22.1	73.4	18.568	16.6	0.0	1.5	1.5	2.7
17	18.0	25.0	20.2	83.8	19.556	17.5	0.2	0.0	0.2	1.8
18	16.0	29.3	21.9	67.2	17.135	15.0	0.0	7.7	7.7	9.9
19	17.0	29.3	22.4	71.9	18.654	16.3	0.0	10.0	10.0	1.0
20	17.6	29.3	22.9	70.0	18.808	16.4	0.0	18.8	18.8	6.5
21	18.0	30.8	23.2	70.6	19.323	16.9	0.0	0.0	0.0	8.0
22	17.0	30.4	21.8	71.8	18.469	16.2	0.0	0.0	0.0	5.0
23	15.5	28.5	21.9	70.6	17.774	15.6	0.0	0.0	0.0	5.2
24	17.1	30.8	21.9	73.5	18.762	16.5	13.1	1.5	14.6	7.3
25	15.6	30.0	22.0	72.5	18.579	16.2	0.0	0.0	0.0	7.0
26	16.0	27.5	20.6	74.8	17.932	15.8	0.2	0.0	0.2	0.4
27	15.0	29.0	22.5	64.3	16.441	14.3	0.0	0.0	0.0	7.3
28	14.6	29.5	23.0	68.0	17.822	15.5	0.0	0.0	0.0	5.9
29	18.0	27.5	22.0	69.8	18.385	16.2	0.0	0.0	0.0	1.6
30	17.9	27.4	21.4	72.9	18.536	16.3	1.0	1.5	2.5	1.5
31	17.8	29.0	23.2	72.5	20.056	17.6	0.0	9.5	9.5	8.0
PROM.	16.6	28.5	21.8	72.2	18.308	16.0	32.4	142.2	174.6	142.8

ESTACION: SANTIAGUECA - FACULTAD MUNICIPIO PALESTINA

AÑO: 1.983

ALTITUD: 1.010

LATITUD: 5-05 N.

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 lloviznas	
ENERO	17.4	31.7	24.2	15.5	34.0	72.6	20.798	18.0	135.5	11	216.8
FEBRERO	17.5	32.4	24.7	14.5	35.5	70.5	20.625	17.8	58.5	8	202.8
MARZO	17.7	31.3	24.0	15.5	33.6	74.8	21.327	18.3	124.1	19	177.4
ABRIL	17.8	29.3	23.2	16.3	32.5	79.2	21.960	18.9	278.7	25	123.9
MAYO	17.9	29.9	23.7	15.8	32.5	76.9	21.968	18.9	288.1	18	150.5
JUNIO	17.4	30.2	23.6	14.8	32.5	75.5	21.209	18.3	141.1	12	
JULIO	16.8	30.3	23.2	12.5	33.0	74.8	20.352	17.6	102.4	15	202.0
AGOSTO	17.1	30.7	22.9	14.5	33.5	74.9	19.974	17.3	149.4	13	186.8
SEPTIEMBRE	17.4	30.2	22.8	15.6	32.6	74.4	19.881	17.3	226.2	16	179.2
OCTUBRE	17.0	28.9	22.3	14.5	31.8	71.7	18.619	16.2	150.6	16	144.9
NOVIEMBRE	17.2	29.4	22.5	15.0	31.4	71.9	19.031	16.6	217.8	18	187.9
DICIEMBRE	16.6	28.5	21.8	14.5	30.8	72.2	18.308	16.0	174.6	21	142.8
PROMEDIO	17.3	30.2	23.2	14.9	32.8	74.1	20.338	17.6			
TOTAL									2047.0	194	

ESTACION: SANTAGUEDA - LUKER

MUNICIPIO: PALESTINA

AÑO:

1.983

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	17.5	31.5	23.4	70.7	19.062	16.3	0.0	0.0	0.0	9.5
2	18.5	30.0	23.8	67.4	18.991	16.5	0.0	28.1	28.1	4.9
3	16.5	30.0	22.4	74.5	19.061	16.5	0.0	21.9	21.9	1.1
4	17.0	26.0	21.8	82.6	21.289	18.4	4.3	0.6	4.9	0.1
5	16.6	28.5	23.8	70.9	19.860	17.1	0.0	0.2	0.2	6.1
6	18.0	30.5	24.9	69.7	20.897	17.5	0.0	0.0	0.0	6.7
7	17.5	29.5	24.2	68.4	19.375	16.7	0.0	0.0	0.0	5.7
8	19.0	29.5	23.5	73.4	20.360	17.6	0.0	0.0	0.0	6.8
9	17.0	31.5	23.3	69.4	18.544	15.9	0.0	0.0	0.0	8.3
10	16.0	31.0	24.1	68.4	18.805	16.0	0.0	4.9	4.9	0.0
11	18.0	31.5	25.1	68.3	20.265	17.0	0.0	0.0	0.0	0.0
12	18.0	30.0	24.9	76.0	23.076	19.7	0.0	1.8	1.8	3.4
13	18.0	31.0	23.8	68.3	19.008	16.2	0.0	0.0	0.0	7.9
14	16.5	31.0	23.7	71.3	19.441	16.5	0.0	0.0	0.0	6.8
15	16.5	32.0	23.7	72.5	19.635	16.7	0.0	0.0	0.0	9.5
16	19.0	32.0	24.5	67.7	19.530	16.3	0.7	0.0	0.7	7.8
17	17.5	32.0	24.1	67.4	19.572	17.0	0.0	0.0	0.0	7.4
18	16.5	32.5	24.3	69.8	19.514	16.7	0.0	0.0	0.0	9.1
19	17.0	32.0	24.4	69.6	19.583	17.0	0.0	0.0	0.0	9.0
20	17.0	32.0	23.9	69.8	19.482	16.9	0.0	0.0	0.0	8.0
21	16.5	32.0	24.2	68.2	18.863	16.4	0.0	0.0	0.0	9.4
22	17.0	33.0	24.0	69.1	19.457	16.6	0.0	0.0	0.0	8.8
23	17.0	33.0	24.7	67.3	19.209	16.4	0.0	0.0	0.0	7.9
24	17.5	32.0	24.5	68.3	19.206	16.5	0.0	0.0	0.0	9.0
25	16.5	33.0	24.3	65.3	17.858	15.4	0.0	0.0	0.0	9.0
26	18.6	32.0	25.1	64.8	19.331	16.7	0.0	40.6	40.6	7.6
27	18.5	28.0	23.2	71.7	19.720	17.2	0.0	0.0	0.0	6.4
28	18.5	31.0	24.8	69.1	20.414	17.7	0.0	6.4	6.4	6.7
29	19.0	30.6	24.8	71.8	21.076	18.2	0.0	0.1	0.1	6.3
30	18.0	31.0	25.0	66.2	19.428	16.9	2.3	10.2	12.5	8.7
31	18.6	28.0	23.4	73.8	20.511	17.8	0.0	0.0	0.0	2.3
PROM.	17.5	30.9	24.0	70.1	19.652	16.9	7.3	114.8	122.1	200.4

## M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	31.5	24.0	67.8	18.958	16.2	0.0	0.0	0.0	8.9
2	18.0	31.3	24.5	70.0	20.108	17.2	0.0	0.0	0.0	7.4
3	17.0	33.0	25.0	65.6	18.760	15.9	0.0	0.0	0.0	9.9
4	18.0	31.5	23.9	68.6	19.224	16.7	0.0	0.0	0.0	8.4
5	19.0	29.3	23.7	67.2	18.750	16.1	0.0	0.0	0.0	8.2
6	18.5	30.5	23.5	65.8	17.936	15.3	0.0	4.2	4.2	8.9
7	18.0	29.0	23.1	70.3	19.045	16.5	0.0	15.7	15.7	0.0
8	16.5	30.0	22.2	67.6	16.953	14.5	0.1	4.9	5.0	9.3
9	17.5	30.0	23.2	72.1	19.552	16.9	0.1	1.4	1.5	5.6
10	18.5	31.0	23.8	66.3	18.329	15.7	0.0	0.0	0.0	8.4
11	19.0	30.8	23.7	70.4	19.850	17.3	0.0	0.0	0.0	10.1
12	19.0	31.0	24.0	64.5	18.175	15.7	0.0	0.0	0.0	0.0
13	18.5	30.6	23.3	63.3	17.457	14.9	0.0	0.0	0.0	0.0
14	15.0	32.0	23.8	63.3	16.820	14.5	0.0	0.0	0.0	9.8
15	15.0	32.0	23.8	64.2	16.942	14.7	0.0	0.0	0.0	8.6
16	17.0	32.0	24.3	61.7	16.653	13.6	0.0	0.0	0.0	7.8
17	17.0	32.0	23.9	62.1	17.052	14.8	0.0	1.8	1.8	9.0
18	18.0	32.0	24.0	66.6	18.513	16.0	0.0	0.0	0.0	7.5
19	18.5	31.0	25.1	63.3	18.614	16.1	0.0	0.0	0.0	10.2
20	19.0	32.0	24.5	62.7	17.911	15.4	0.0	0.0	0.0	0.0
21	18.0	29.0	23.7	72.9	20.783	18.0	0.0	0.0	0.0	4.3
22	16.5	34.0	25.2	59.8	16.916	14.0	0.0	0.2	0.2	9.2
23	19.0	33.0	26.1	57.3	17.664	15.1	0.0	10.8	10.8	8.4
24	18.0	30.6	23.5	62.1	17.345	15.1	0.0	0.0	0.0	7.6
25	18.0	31.0	24.1	72.1	20.806	18.1	0.0	0.0	0.0	5.6
26	18.0	33.0	25.4	55.9	16.663	14.1	0.0	0.0	0.0	10.3
27	17.5	31.8	23.9	64.6	17.993	15.6	0.0	0.0	0.0	6.9
28	18.0	33.0	24.7	64.0	18.159	15.6	0.0	0.0	0.0	5.6
PROM.	17.8	31.4	24.1	65.4	18.285	15.7	0.2	52.1	52.3	0.0

ESTACION: SANTAGUEDA - LUKER MUNICIPIO: PALESTINA AÑO: 1.983  
 ALTITUD: 1.020 LATITUD: 5-05 N. LONGITUD: 75-41 W.

M E S - MARZE

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	33.0	24.9	72.5	21.975	18.9	0.0	21.7	21.7	4.9
2	18.5	31.0	24.7	70.8	20.924	18.0	0.0	3.4	3.4	5.9
3	19.5	30.0	24.1	70.3	20.203	17.3	0.7	0.0	0.7	1.5
4	19.0	32.5	24.0	70.7	20.178	17.4	0.0	0.0	0.0	7.7
5	17.5	32.0	24.8	70.7	20.799	17.8	0.0	0.4	0.4	7.6
6	18.0	31.0	23.8	71.5	19.985	17.3	0.0	0.0	0.0	5.7
7	19.0	29.4	23.1	79.2	22.156	19.0	5.0	0.1	5.1	2.8
8	18.5	28.0	22.8	84.9	23.502	20.1	13.5	0.0	13.5	1.3
9	18.5	30.0	24.0	71.4	20.606	17.7	0.0	0.0	0.0	3.8
10	18.0	27.3	22.6	81.2	21.883	18.8	1.3	0.0	1.3	1.2
11	17.5	32.0	24.9	67.6	19.841	17.2	0.0	0.0	0.0	8.0
12	17.5	32.5	25.1	66.8	19.804	17.1	0.0	0.0	0.0	9.4
13	19.4	33.0	25.6	64.7	19.838	17.0	0.0	23.1	23.1	6.5
14	18.0	29.5	22.9	77.5	20.912	17.9	1.3	0.0	1.3	0.9
15	16.5	32.5	24.5	68.7	19.499	16.7	0.0	0.0	0.0	8.7
16	20.0	33.0	26.5	63.5	21.118	18.2	0.0	0.0	0.0	9.1
17	19.5	29.0	22.2	78.2	20.807	17.7	10.4	0.0	10.4	1.0
18	18.0	30.6	24.4	75.5	22.192	19.0	0.0	0.0	0.0	4.3
19	17.5	33.0	25.5	66.4	19.853	16.8	0.0	0.0	0.0	8.8
20	17.6	31.0	24.1	65.5	18.717	16.0	0.0	0.0	0.0	4.6
21	17.5	32.0	24.9	65.5	18.823	16.1	0.0	0.0	0.0	5.8
22	16.5	33.0	25.9	61.9	18.464	16.1	0.0	11.1	11.1	8.7
23	16.5	33.5	25.1	62.1	17.595	15.0	0.0	0.0	0.0	8.1
24	18.5	31.0	23.4	71.1	20.038	17.3	1.8	11.3	13.1	4.6
25	16.5	23.0	21.1	91.6	22.793	19.5	8.4	1.7	10.1	0.0
26	17.0	30.0	23.1	77.1	21.234	18.3	12.8	23.4	36.2	2.5
27	17.0	30.0	23.1	73.5	19.885	17.0	0.0	0.0	0.0	2.7
28	18.0	32.5	23.1	72.6	19.266	16.3	5.2	0.7	5.9	8.5
29	17.0	32.0	24.3	70.4	20.128	16.9	0.0	10.0	10.0	7.9
30	17.0	31.0	23.8	70.5	19.519	16.7	0.0	0.0	0.0	6.1
31	19.0	32.0	25.9	58.6	18.816	16.4	0.0	1.5	1.5	9.0
PROM.	18.0	31.0	24.1	71.4	20.366	17.5	60.4	108.4	168.8	167.6

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	32.0	24.9	67.2	19.881	16.9	0.1	0.0	0.1	6.2
2	19.0	32.1	25.3	55.8	17.558	15.2	0.0	4.8	4.8	7.8
3	16.5	30.5	23.4	77.7	21.610	18.6	0.0	0.3	0.3	2.7
4	16.0	30.0	24.4	71.5	20.797	18.0	0.0	0.0	0.0	3.7
5	18.0	31.5	24.8	66.6	19.425	16.9	0.0	8.8	8.8	6.5
6	19.5	30.0	23.9	66.5	19.870	17.2	1.8	22.4	24.2	4.0
7	18.6	26.0	21.7	86.5	22.699	19.5	8.9	0.0	8.9	0.0
8	16.5	30.5	23.5	70.9	19.357	16.6	0.0	1.2	1.2	8.4
9	19.0	24.5	21.8	84.9	22.170	19.1	8.0	0.9	8.9	0.0
10	17.6	30.2	23.1	75.0	20.393	17.4	0.0	2.1	2.1	4.9
11	17.8	27.0	22.2	84.0	22.254	19.1	1.5	0.0	1.5	0.0
12	17.0	31.0	24.2	70.8	20.043	17.2	0.0	1.8	1.8	7.7
13	18.5	28.3	22.4	80.7	21.812	18.8	1.0	0.0	1.0	0.9
14	18.5	28.1	23.0	79.4	21.724	18.5	0.5	0.4	0.9	1.5
15	17.5	31.0	24.2	65.7	19.066	16.6	0.0	35.5	35.5	6.5
16	18.0	27.0	22.7	79.3	21.456	18.4	0.0	0.0	0.0	1.2
17	17.0	29.1	23.1	80.1	22.568	19.4	0.0	13.9	13.9	4.5
18	19.0	27.0	22.1	82.6	22.054	19.0	8.0	0.6	8.6	1.2
19	18.0	30.5	24.3	71.5	20.734	17.9	0.0	37.7	37.7	5.4
20	19.0	31.5	25.2	70.4	21.985	18.9	2.3	22.6	24.9	7.1
21	18.0	26.0	21.9	86.6	22.785	19.6	0.6	0.0	0.6	0.7
22	18.0	30.5	23.6	73.6	20.619	17.7	0.0	0.0	0.0	4.5
23	18.0	31.0	25.2	67.1	20.354	17.6	0.2	2.5	2.7	8.4
24	18.6	28.4	23.3	77.3	21.632	18.7	0.0	1.4	1.4	3.7
25	18.6	31.0	24.6	72.1	21.265	18.1	0.0	29.8	29.8	5.5
26	18.7	28.0	23.1	81.1	22.500	19.3	1.7	0.7	2.4	0.3
27	19.0	29.0	23.9	74.8	21.595	18.5	0.0	40.8	40.8	3.6
28	17.5	27.0	21.8	81.3	20.930	18.2	0.2	6.3	6.5	1.6
29	17.5	30.0	22.7	76.6	20.591	17.8	1.8	4.4	6.2	3.1
30	18.0	30.0	24.1	68.9	19.938	17.3	0.1	4.7	4.8	8.0
PROM.	18.0	29.3	23.5	74.9	20.989	18.1	36.7	243.6	280.3	119.6

ESTACION: SANTAGUEDA - LUKER

MUNICIPIO: PALESTINA

AÑO: 1.983

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	19.0	26.0	23.2	78.1	21.682	18.5	0.4	0.0	0.4	0.0
2	17.5	30.5	23.6	69.6	18.851	16.0	0.0	25.9	25.9	6.7
3	18.5	30.0	24.0	75.3	21.611	18.5	0.0	37.4	37.4	6.2
4	17.0	30.5	24.2	66.2	19.141	16.5	0.0	4.0	4.0	3.8
5	19.0	29.5	22.5	77.8	20.975	18.2	0.0	0.0	0.0	2.0
6	18.0	28.5	23.5	76.1	21.603	18.6	0.0	0.5	0.5	4.5
7	19.0	27.5	23.1	80.4	22.662	19.5	0.2	0.0	0.2	0.9
8	18.0	32.5	25.9	72.7	23.876	20.3	0.0	0.0	0.0	4.2
9	18.0	32.0	25.2	61.0	18.090	15.5	0.0	0.0	0.0	9.8
10	18.0	32.0	25.3	66.9	20.295	17.5	0.0	0.0	0.0	9.0
11	19.5	32.5	24.4	70.3	21.356	18.4	1.6	4.6	6.2	8.8
12	20.0	30.0	23.5	76.7	21.600	18.6	0.0	0.0	0.0	5.7
13	17.6	30.0	23.8	73.4	20.827	18.0	0.1	0.0	0.1	5.1
14	17.4	31.0	23.7	69.9	19.435	16.8	0.0	15.1	15.1	5.8
15	19.0	28.0	23.4	82.4	23.289	19.9	0.0	0.7	0.7	2.0
16	18.5	25.0	20.7	90.5	22.202	19.2	3.9	0.2	4.1	0.2
17	16.5	30.5	23.6	71.8	19.667	17.1	0.0	33.4	33.4	6.8
18	18.5	27.0	22.0	79.4	20.654	18.0	0.1	39.4	39.5	1.4
19	18.0	29.5	23.0	74.1	20.055	17.3	0.0	0.2	0.2	3.7
20	17.0	30.5	23.6	76.3	21.485	18.5	0.0	0.0	0.0	6.9
21	18.5	28.0	23.5	75.5	21.408	18.6	0.0	2.1	2.1	3.8
22	17.6	30.0	23.1	69.6	18.721	16.2	0.0	0.0	0.0	8.4
23	17.5	30.5	23.5	69.5	19.398	16.9	0.0	10.1	10.1	9.2
24	18.0	30.5	23.7	74.8	20.826	17.9	0.0	0.0	0.0	5.6
25	18.5	31.0	24.7	70.6	20.828	17.9	0.0	0.5	0.5	6.6
26	19.0	31.0	23.2	75.4	21.055	18.1	5.4	20.3	25.7	7.6
27	18.5	30.0	23.3	68.4	18.989	16.6	0.0	10.0	10.0	6.0
28	19.0	26.5	21.5	81.5	20.884	18.0	14.6	20.6	35.2	0.5
29	17.5	28.5	21.6	75.3	18.673	16.2	0.0	0.6	0.6	4.0
30	18.5	30.0	24.2	70.2	20.579	17.9	0.1	0.0	0.1	9.5
31	18.5	30.0	24.5	67.0	19.763	17.1	0.0	0.0	0.0	7.0
PROM.	18.2	29.7	23.5	73.8	20.663	17.8	26.4	225.6	252.0	161.7

## M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	30.5	24.4	70.1	20.776	18.1	0.0	4.0	4.0	4.4
2	19.0	31.0	24.6	74.9	22.239	19.0	0.0	7.3	7.3	5.9
3	18.6	29.0	24.2	80.4	23.615	20.1	5.4	11.5	16.9	1.9
4	18.5	28.0	23.8	84.5	24.531	20.8	0.5	36.0	36.5	1.0
5	17.5	28.0	23.3	76.9	21.222	18.3	0.0	0.0	0.0	1.8
6	19.5	30.0	23.7	71.8	20.613	17.7	0.0	0.0	0.0	6.1
7	16.0	30.5	23.5	71.7	19.685	16.5	0.2	1.4	1.6	8.3
8	18.5	24.5	21.4	87.2	22.225	19.2	0.5	1.1	1.6	0.0
9	16.5	29.0	23.3	69.5	18.611	16.2	0.0	0.8	0.8	6.7
10	18.0	30.6	24.2	65.5	18.653	16.2	0.0	0.4	0.4	8.7
11	17.0	27.0	22.3	79.6	21.582	18.9	0.0	4.0	4.0	3.8
12	17.0	27.6	23.1	68.9	19.043	16.3	0.0	0.4	0.4	5.6
13	18.6	30.5	24.1	70.4	20.200	17.5	0.0	0.0	0.0	8.0
14	18.5	30.5	24.2	70.6	21.136	18.2	0.0	0.0	0.0	8.5
15	16.5	30.0	24.1	65.4	19.163	16.7	0.0	0.0	0.0	8.1
16	17.5	31.5	24.7	65.2	19.248	16.3	0.0	26.5	26.5	8.8
17	16.5	29.0	23.2	85.4	24.223	20.5	0.4	0.0	0.4	5.0
18	16.0	30.5	23.5	63.7	17.383	14.8	0.0	0.0	0.0	9.9
19	17.0	32.0	24.7	71.0	20.702	17.6	0.0	0.0	0.0	8.7
20	18.0	29.0	23.3	77.5	21.532	18.5	0.0	0.0	0.0	1.1
21	16.0	31.5	24.3	68.9	19.659	16.7	0.0	0.0	0.0	7.5
22	15.5	30.5	24.9	62.6	18.709	16.3	0.0	0.7	0.7	7.6
23	17.6	31.0	23.7	65.8	18.465	16.0	0.0	0.0	0.0	8.2
24	17.5	29.5	23.2	66.9	18.302	15.8	0.0	0.0	0.0	7.3
25	15.5	30.0	23.4	63.7	17.414	14.9	0.0	0.0	0.0	7.3
26	17.0	31.5	24.5	62.4	18.346	15.5	0.0	3.8	3.8	8.0
27	18.5	32.0	25.1	65.6	19.476	16.8	0.0	0.1	0.1	9.9
28	18.5	30.0	22.4	78.4	21.023	18.2	1.2	0.0	1.2	5.0
29	18.6	28.5	23.6	75.6	21.428	18.5	0.0	0.0	0.0	4.3
30	16.0	30.0	23.8	61.0	16.920	14.5	0.0	0.0	0.0	6.3
PROM.	17.5	29.8	23.8	71.4	20.220	17.4	8.2	98.0	106.2	183.7

ESTACION: SANTIAGUEDA - LUKER

MUNICIPIO: PALESTINA

AÑO:

1.983

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	16.6	30.5	23.9	65.9	18.759	16.3	0.0	0.0	0.0	7.5
2	18.5	30.0	21.9	72.8	19.161	16.8	0.5	0.0	0.5	6.0
3	17.0	30.5	23.6	71.1	19.830	17.1	0.0	0.0	0.0	10.2
4	16.6	31.5	24.6	61.7	17.864	15.7	0.3	0.0	0.0	6.1
5	18.0	28.0	22.6	74.7	20.063	17.5	0.0	7.4	7.7	1.9
6	16.6	29.5	23.5	67.5	18.522	16.1	0.0	0.0	0.0	9.1
7	17.5	32.5	24.5	63.7	16.315	15.8	0.0	5.6	5.6	10.3
8	17.0	30.0	23.8	70.3	19.871	17.3	0.0	4.3	4.3	7.4
9	17.5	25.5	21.1	79.7	15.944	17.4	0.0	7.1	7.1	0.8
10	17.2	29.0	22.4	66.3	17.322	15.0	0.0	0.8	0.8	6.8
11	17.0	30.0	23.1	70.6	19.076	16.6	0.0	3.9	3.9	7.7
12	16.5	30.5	22.7	71.6	18.734	16.0	0.0	0.0	0.0	7.3
13	17.0	32.0	22.6	57.0	15.159	13.1	0.0	0.0	0.0	11.0
14	17.0	32.0	24.8	62.9	18.091	15.6	0.0	30.9	30.9	9.4
15	18.6	29.5	23.8	71.2	20.192	17.3	11.5	0.0	11.5	2.4
16	18.5	30.0	23.0	76.0	20.874	18.1	0.0	1.4	1.4	4.7
17	17.0	27.0	22.9	77.1	21.352	18.4	0.0	0.0	0.0	5.6
18	14.5	32.6	23.7	69.5	18.724	16.2	0.0	0.0	0.0	11.0
19	17.5	30.0	24.0	68.9	15.183	16.6	0.0	0.0	0.0	0.0
20	17.5	32.0	25.1	66.2	15.533	16.6	0.0	0.0	0.0	0.0
21	18.0	32.5	24.8	64.8	15.455	16.9	0.0	12.6	12.6	5.9
22	17.5	27.5	22.3	71.6	15.127	16.7	0.0	4.2	4.2	2.9
23	17.6	26.0	21.2	84.5	21.409	18.6	2.3	0.0	2.3	0.4
24	15.6	29.0	22.3	72.6	18.419	15.8	0.0	0.0	0.0	5.3
25	13.5	32.0	22.9	64.3	16.721	14.4	0.0	0.0	0.0	10.5
26	15.0	32.0	23.2	57.4	15.019	12.3	0.0	0.0	0.0	11.0
27	14.0	27.5	22.8	78.6	21.728	18.7	0.0	0.0	0.0	5.1
28	15.5	30.5	22.8	66.3	17.186	14.9	0.0	0.0	0.0	8.0
29	18.5	32.0	25.0	60.4	17.552	15.1	0.0	3.1	3.1	8.1
30	18.6	28.0	23.7	77.6	22.549	19.4	1.7	0.0	1.7	3.4
31	18.6	29.0	23.3	69.3	19.232	16.8	0.0	6.7	6.7	4.8
PROM.	17.0	30.0	23.3	69.4	19.000	16.4	16.3	88.0	104.3	191.6

## 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	17.5	27.0	22.5	78.8	20.935	18.0	0.0	0.0	0.0	4.4
2	18.5	29.0	24.1	71.8	20.772	18.0	0.0	0.0	0.0	5.4
3	18.0	29.0	22.7	73.5	20.038	17.5	0.3	0.0	0.3	5.0
4	15.5	30.5	23.8	68.9	18.700	16.1	0.0	26.4	26.4	8.8
5	17.5	25.5	20.8	90.6	22.035	19.0	6.9	0.1	7.0	1.0
6	17.0	29.5	23.3	72.4	19.952	17.3	0.0	23.3	23.3	6.4
7	16.5	30.0	23.2	76.7	21.166	18.2	0.0	21.4	21.4	7.3
8	15.0	31.5	22.8	76.8	20.491	17.8	0.0	0.0	0.0	8.0
9	14.0	31.0	23.4	71.4	19.123	16.7	0.0	0.0	0.0	8.4
10	15.5	31.5	23.3	72.4	15.795	17.2	0.0	0.0	0.0	8.1
11	13.0	32.0	23.2	61.7	15.850	12.8	0.0	1.6	1.6	10.9
12	17.5	30.5	24.1	72.0	20.344	17.5	0.0	0.0	0.0	6.7
13	15.5	32.5	24.7	66.9	19.169	16.2	0.0	0.0	0.0	8.3
14	15.5	33.0	24.4	64.7	18.192	15.6	0.0	0.0	0.0	10.2
15	17.5	31.5	22.2	73.6	18.596	16.5	0.0	0.2	0.2	0.0
16	15.5	32.5	26.4	65.1	21.366	18.1	0.0	0.0	0.0	7.1
17	16.0	32.0	25.2	63.0	18.592	16.0	0.0	0.0	0.0	7.2
18	17.0	28.5	22.9	71.9	19.399	16.8	0.0	0.6	0.6	3.8
19	17.5	29.0	22.7	70.8	18.920	16.5	0.0	0.0	0.0	3.7
20	14.0	31.5	24.3	62.9	16.868	14.4	0.0	0.0	0.0	7.3
21	14.5	30.5	24.3	64.0	18.433	16.1	0.0	0.0	0.0	6.1
22	17.0	33.5	24.9	64.8	18.834	16.1	0.0	5.0	5.0	9.9
23	17.5	31.6	23.3	70.6	19.610	17.1	0.0	8.6	8.6	5.3
24	17.5	28.0	23.1	69.5	19.045	16.6	0.0	0.0	0.0	2.7
25	16.0	29.0	23.3	73.2	20.302	17.7	0.0	5.0	5.0	2.9
26	18.0	30.0	23.4	75.8	21.173	18.3	0.1	12.3	12.4	3.3
27	17.5	31.0	24.0	76.6	22.248	19.1	0.0	23.6	23.6	7.7
28	17.0	28.5	23.2	76.4	21.535	18.4	1.5	0.8	2.3	2.3
29	17.5	28.5	23.2	76.0	21.083	18.3	0.0	0.7	0.7	2.5
30	17.0	30.5	23.2	71.1	19.409	16.7	0.0	0.0	0.0	7.4
31	15.5	31.5	23.7	62.7	17.295	14.8	0.0	0.0	0.0	9.5
PROM.	16.4	30.3	23.5	71.2	19.667	16.9	8.8	129.6	138.4	187.6

ESTACION: SANTIAGUEDA - LUKER

MUNICIPIO: PALESTINA

AÑO: 1.983

ALTITUD: 1.020

LATITUD: E-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	16.0	31.5	24.0	68.8	18.997	16.3	0.0	0.4	0.4	8.6
2	18.0	32.0	23.3	68.7	18.507	15.7	4.4	31.0	35.4	6.4
3	17.5	31.0	22.9	75.6	20.452	17.7	1.2	0.0	1.2	3.6
4	16.5	32.0	23.7	71.4	20.875	18.1	0.0	0.0	0.0	8.9
5	17.0	30.5	23.0	74.8	20.315	17.5	7.7	22.1	29.8	8.3
6	17.0	26.5	22.4	69.6	18.507	16.3	0.0	40.4	40.4	0.7
7	16.5	28.5	22.6	69.2	18.307	16.0	3.1	0.0	3.1	3.0
8	15.5	29.0	23.7	73.0	20.616	17.6	1.1	1.9	3.0	6.7
9	15.5	29.5	23.1	72.7	19.340	16.6	0.0	0.4	0.4	4.5
10	17.0	29.0	22.1	75.0	19.633	17.2	7.8	0.1	7.9	4.9
11	16.0	28.5	23.0	71.3	19.258	16.7	0.0	0.0	0.0	4.9
12	16.0	30.0	23.9	71.4	19.813	16.9	0.0	0.0	0.0	9.0
13	15.5	30.0	23.0	71.0	18.929	16.4	0.0	28.7	28.7	6.9
14	17.0	29.0	22.7	75.0	19.765	17.1	0.2	0.0	0.2	5.5
15	16.0	31.0	23.2	68.7	18.794	16.3	0.0	0.0	0.0	8.8
16	17.0	29.0	21.5	76.5	19.306	16.8	21.3	17.2	38.5	5.3
17	17.0	30.0	21.8	76.1	19.161	16.6	3.9	0.0	3.9	5.9
18	16.0	30.0	23.2	72.1	19.288	16.5	0.0	2.9	2.9	6.4
19	17.5	31.0	23.0	73.3	19.362	16.5	1.3	11.7	13.0	9.0
20	17.5	29.0	23.2	73.2	20.048	17.3	0.0	13.8	13.8	4.9
21	17.0	29.0	23.3	74.9	20.277	17.3	0.0	15.6	15.6	5.9
22	16.5	29.5	21.7	75.8	19.074	16.5	0.6	0.0	0.6	4.8
23	14.5	30.5	22.7	66.4	17.281	14.8	0.0	0.0	0.0	9.8
24	16.5	29.5	23.2	71.7	19.752	17.1	0.0	0.0	0.0	6.1
25	15.5	32.0	24.0	68.8	19.129	16.5	0.0	0.0	0.0	7.0
26	17.5	32.0	24.4	69.4	19.998	17.2	0.0	0.0	0.0	7.0
27	18.0	32.5	24.1	71.8	20.468	17.7	0.0	0.0	0.0	8.6
28	18.5	30.5	23.6	67.0	18.943	16.5	0.0	0.4	0.4	5.4
29	16.5	30.5	23.8	71.6	20.241	17.6	0.0	4.7	4.7	6.7
30	16.5	30.5	23.4	67.9	18.526	16.5	0.1	0.0	0.1	6.2
PROM.	16.6	30.1	23.1	71.8	19.445	16.8	52.7	191.3	244.0	189.7

## 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	18.0	31.0	24.3	68.9	19.889	17.1	0.0	0.0	0.0	6.6
2	17.0	32.0	24.3	63.1	18.580	16.0	0.0	5.7	5.7	7.1
3	15.5	30.0	23.3	73.9	20.273	17.6	0.9	1.4	2.3	5.4
4	16.5	30.5	23.8	70.9	19.987	17.2	0.0	24.0	24.0	6.9
5	17.0	29.0	23.3	71.0	19.612	17.0	0.0	0.0	0.0	5.6
6	16.0	31.5	23.5	59.9	17.098	14.7	0.0	0.0	0.0	7.9
7	15.5	28.0	22.7	64.9	17.445	15.0	0.0	0.0	0.0	2.2
8	15.0	31.0	23.4	66.5	17.931	15.5	0.0	0.6	0.6	7.2
9	18.0	30.0	23.2	71.9	19.780	17.1	0.0	7.3	7.3	7.9
10	17.0	28.5	22.5	72.2	19.033	16.4	0.0	0.0	0.0	5.3
11	17.0	28.0	22.2	75.7	20.079	17.5	0.0	0.0	0.0	2.7
12	15.5	30.5	24.2	64.9	18.701	16.2	0.0	7.0	7.0	5.6
13	15.5	28.5	22.4	73.6	19.533	16.9	0.8	0.1	0.9	5.9
14	16.0	29.5	20.9	77.5	19.057	16.7	19.7	0.7	20.4	2.3
15	17.0	26.0	20.8	83.5	20.566	17.9	5.3	10.1	15.4	1.0
16	16.0	26.5	20.8	76.9	18.677	16.3	0.1	0.5	0.6	0.1
17	15.5	30.0	22.0	70.2	17.620	15.0	0.0	0.0	0.0	10.4
18	14.5	30.0	22.2	70.8	17.629	15.2	0.0	0.0	0.0	9.6
19	16.6	26.0	20.9	87.9	21.759	18.8	1.5	3.3	4.8	0.3
20	16.0	29.0	22.3	74.5	19.238	16.6	0.0	7.9	7.9	4.6
21	15.0	26.0	21.0	79.7	19.633	17.2	0.0	0.0	0.0	2.3
22	16.0	30.0	21.7	71.7	17.527	15.0	0.0	0.0	0.0	7.8
23	17.0	30.0	23.5	72.9	20.322	17.5	0.0	0.0	0.0	7.5
24	16.5	30.0	22.9	72.1	19.099	16.5	0.0	0.0	0.0	8.4
25	17.0	27.5	21.7	81.7	21.347	18.5	2.2	0.2	2.4	1.0
26	15.9	30.0	22.7	72.7	18.786	16.2	0.0	12.9	12.9	6.7
27	18.0	28.0	22.3	76.2	20.033	17.3	0.0	0.0	0.0	2.0
28	18.0	25.5	23.0	75.1	20.403	17.6	0.0	19.4	19.4	2.8
29	17.6	27.6	22.2	74.8	19.502	16.9	0.3	23.8	24.1	4.1
30	17.8	24.0	20.9	81.8	20.067	17.5	1.5	0.1	1.6	0.0
31	17.0	29.5	21.8	62.6	16.472	12.9	0.0	0.0	0.0	7.6
PROM.	16.5	29.0	22.5	72.9	19.183	16.6	32.3	125.0	157.3	154.6

ESTACION: SANTAGUEDA - LUKER

MUNICIPIO: PALESTINA

AÑO: 1-983

ALTITUD: 1-020

LATITUD: S-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	18.5	31.0	23.1	56.5	15.305	12.8	0.0	26.0	26.0	9.8
2	17.0	28.0	22.6	68.0	17.909	15.5	0.0	0.0	0.0	5.6
3	16.0	30.5	23.1	64.5	17.450	15.0	0.0	0.0	0.0	6.3
4	17.0	30.0	22.7	60.9	15.857	13.1	0.0	0.0	0.0	5.5
5	18.0	32.0	23.5	62.8	17.478	15.0	0.0	0.0	0.0	8.0
6	18.5	30.0	23.7	60.2	17.068	14.7	0.0	0.0	0.0	5.3
7	17.5	30.5	23.8	58.2	16.127	13.5	0.0	1.0	1.0	8.1
8	18.0	26.5	22.4	72.2	19.158	16.8	0.0	0.5	0.5	0.0
9	17.5	31.0	24.4	59.6	16.842	13.8	0.0	21.3	21.3	6.9
10	15.0	29.5	21.4	65.4	16.127	13.9	0.0	0.0	0.0	5.3
11	17.0	28.5	21.8	62.6	16.075	13.9	4.4	2.4	6.8	6.2
12	16.0	30.0	22.4	62.9	16.273	13.9	0.0	0.0	0.0	5.5
13	15.0	30.5	23.1	54.0	14.827	12.5	0.0	19.6	19.6	7.5
14	14.5	29.5	22.0	62.6	15.413	12.9	0.0	11.0	11.0	6.3
15	14.5	29.5	22.1	65.1	16.106	13.8	0.0	6.1	6.1	6.9
16	17.5	29.0	21.8	64.2	15.740	12.7	0.2	0.3	0.5	4.2
17	17.5	29.5	21.7	63.2	15.591	12.9	3.3	0.0	3.3	6.0
18	18.0	29.5	23.4	65.1	17.702	15.2	0.0	20.6	20.6	6.0
19	17.0	30.5	23.8	64.2	18.033	15.5	0.0	0.0	0.0	6.2
20	17.0	30.5	23.7	58.9	16.601	14.3	0.0	0.0	0.0	6.3
21	17.0	30.5	23.9	63.6	17.794	15.3	0.0	49.5	49.5	6.2
22	17.0	30.0	23.5	64.7	17.656	15.2	0.0	2.9	2.9	1.8
23	17.5	30.0	22.8	61.7	16.811	14.6	0.0	0.0	0.0	5.4
24	17.0	28.5	21.9	59.0	14.983	12.8	0.0	0.0	0.0	5.9
25	16.0	30.0	22.8	56.0	14.487	12.3	0.0	0.0	0.0	8.0
26	18.0	30.0	22.4	65.2	17.506	15.4	0.0	0.0	0.0	5.9
27	16.0	30.0	22.6	56.1	14.788	12.7	0.0	21.8	21.8	7.6
28	18.0	28.5	22.1	66.7	17.155	14.8	3.5	20.4	23.9	2.7
29	17.5	28.5	22.0	67.4	17.207	14.8	0.0	7.6	7.6	4.0
30	17.0	27.0	20.5	72.3	17.357	15.2	2.4	0.1	2.5	1.1
PROM.	16.9	29.6	22.7	62.8	16.582	14.2	13.8	211.1	224.9	170.5

## M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	27.5	21.1	65.0	15.757	13.6	0.0	0.0	0.0	3.3
2	17.0	29.5	22.6	57.6	14.646	11.8	0.0	14.5	14.5	6.9
3	17.0	26.5	21.9	71.2	18.257	15.8	0.0	15.4	15.4	1.3
4	18.0	27.0	22.3	62.4	16.058	13.8	0.3	13.5	13.8	1.4
5	17.5	25.0	20.7	73.0	17.699	15.5	0.0	15.3	15.3	0.0
6	17.5	27.0	21.7	65.1	16.452	14.1	5.5	20.6	26.1	0.0
7	16.5	28.0	22.0	60.9	15.336	13.1	0.0	0.4	0.4	4.9
8	15.0	29.0	21.3	61.3	14.640	12.2	0.0	0.5	0.5	6.7
9	16.0	29.0	21.5	61.5	14.569	12.0	0.0	6.7	6.7	6.1
10	18.0	28.0	20.5	64.7	14.919	12.3	2.0	0.0	2.0	4.3
11	14.5	29.0	21.2	62.7	14.614	12.0	0.3	0.0	0.3	3.3
12	16.5	29.5	21.1	65.7	15.444	12.9	4.6	0.1	4.7	5.2
13	14.5	28.5	21.2	60.9	14.243	11.4	0.0	0.0	0.0	4.8
14	17.0	27.5	21.6	70.2	17.603	15.3	1.4	0.0	1.4	1.5
15	17.0	30.0	21.9	66.2	16.314	13.7	1.9	0.0	1.9	6.8
16	16.0	28.0	22.6	64.1	16.885	14.7	0.0	0.6	0.6	2.2
17	17.0	25.0	20.4	75.0	17.957	15.7	0.7	0.0	0.7	1.0
18	15.0	29.5	22.5	71.8	18.945	16.5	0.0	7.2	7.2	8.2
19	15.0	29.5	21.9	66.0	16.188	13.7	0.0	8.7	8.7	0.7
20	16.5	29.5	23.0	63.6	16.805	14.4	0.0	12.1	12.1	3.6
21	17.0	30.5	22.9	63.4	16.408	13.3	0.0	0.0	0.0	6.9
22	17.5	30.0	22.6	61.3	15.762	13.1	0.0	0.0	0.0	5.8
23	15.0	28.5	21.5	66.9	16.260	13.9	0.0	0.0	0.0	6.9
24	17.0	30.5	21.8	63.5	15.617	12.9	9.4	5.1	14.5	4.5
25	16.0	30.0	22.2	62.9	15.570	12.9	0.0	0.0	0.0	6.6
26	16.0	27.5	21.1	67.4	16.226	14.1	0.5	0.0	0.5	0.9
27	14.0	29.0	22.1	61.4	15.155	12.5	0.0	0.0	0.0	6.8
28	15.5	29.0	22.3	58.9	14.483	12.0	0.0	0.0	0.0	6.5
29	18.0	27.0	22.0	61.7	16.091	14.0	0.0	0.0	0.0	2.2
30	18.0	27.0	21.1	65.8	16.106	13.8	1.2	1.8	3.0	1.8
31	18.0	28.0	22.1	61.5	15.492	12.9	0.2	26.5	26.7	0.3
PROM.	16.4	28.4	21.8	64.6	16.016	13.5	28.0	149.0	177.0	121.4

ESTACION: SANTIAGUEDA - LUKER

MUNICIPIO PALESTINA

AÑO: 1.983

ALTITUD: 1.020

LATITUD: 5-05 N.

LONGITUD: 75-41 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días Hluvias	
ENERO	17.5	30.9	24.0	16.0	33.0	70.1	19.692	16.9	122.1	11	200.4
FEBRERO	17.8	31.4	24.1	15.0	34.0	65.4	18.285	15.7	52.3	8	
MARZO	18.0	31.0	24.1	16.5	33.5	71.4	20.366	17.5	168.8	17	167.6
ABRIL	18.0	29.3	23.5	16.0	32.1	74.9	20.989	18.1	280.3	27	119.6
MAYO	18.2	29.7	23.5	16.5	32.5	73.8	20.663	17.8	252.0	22	161.7
JUNIO	17.5	29.8	23.8	15.5	32.0	71.4	20.220	17.4	106.2	16	183.7
JULIO	17.0	30.0	23.3	13.5	32.6	69.4	19.000	16.4	104.3	16	191.6
AGOSTO	16.4	30.3	23.5	13.0	33.5	71.2	19.667	16.9	138.4	15	187.6
SEPTIEMBRE	16.6	30.1	23.1	14.5	32.5	71.8	19.445	16.8	244.0	21	189.7
OCTUBRE	16.5	29.0	22.5	14.5	32.0	72.9	19.183	16.6	157.3	17	154.8
NOVIEMBRE	16.9	29.6	22.7	14.5	32.0	62.8	16.582	14.2	224.9	17	170.5
DICIEMBRE	16.4	28.4	21.8	14.0	30.5	64.6	16.016	13.5	177.0	22	121.4
PROMEDIO	17.2	30.0	23.3	15.0	32.5	70.0	19.176	16.5			
TOTAL									2027.6	209	

ESTACION: CENICAFE

MUNICIPIO: CHINCHINA

AÑO: 1.983

ALTITUD: 1.310

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	18.8	29.8	23.4	69.7	19.455	17.0	0.0	0.7	0.7	9.0
2	18.3	27.8	22.2	76.9	20.206	17.7	0.2	5.7	5.9	4.5
3	17.0	27.5	21.2	74.9	18.566	16.3	0.0	9.6	9.6	4.1
4	17.9	25.4	20.3	89.0	21.066	18.3	5.5	1.0	6.5	1.2
5	17.9	27.5	22.1	70.4	17.871	15.5	0.0	0.4	0.4	3.5
6	17.6	28.9	22.6	70.9	18.881	16.5	0.0	0.0	0.0	5.4
7	18.0	28.8	23.4	68.5	18.813	16.4	0.0	7.1	7.1	5.7
8	17.8	27.5	21.6	76.7	19.671	17.2	0.0	0.0	0.0	5.1
9	17.4	29.0	22.7	65.3	17.418	15.3	0.0	0.0	0.0	8.1
10	17.0	29.8	23.4	63.8	17.254	15.0	0.0	0.0	0.0	8.0
11	19.0	30.3	23.8	66.6	18.782	16.4	0.0	0.0	0.0	5.6
12	18.4	26.6	22.5	76.7	20.533	17.9	0.0	1.5	1.5	1.1
13	17.6	30.3	23.2	60.7	16.251	14.1	0.0	0.0	0.0	9.8
14	18.4	29.8	23.6	63.3	17.457	15.2	0.0	0.0	0.0	6.5
15	18.5	30.6	23.6	65.9	18.611	16.4	0.0	7.7	7.7	9.5
16	19.0	29.9	23.2	74.9	20.553	17.8	9.2	0.0	9.2	6.8
17	18.6	29.6	23.0	65.0	17.730	15.6	0.0	0.0	0.0	6.6
18	18.0	30.9	23.6	58.9	16.261	14.2	0.0	0.0	0.0	10.0
19	18.3	31.5	23.7	60.6	17.011	15.0	0.0	0.0	0.0	9.2
20	18.0	30.0	23.2	65.7	17.892	15.6	0.0	0.0	0.0	8.5
21	17.7	31.0	23.7	65.8	18.225	16.0	0.0	0.0	0.0	8.8
22	18.6	31.8	24.3	65.2	19.258	16.9	0.0	0.0	0.0	9.5
23	18.0	30.9	23.7	63.6	17.664	15.5	0.0	0.0	0.0	10.6
24	18.0	30.3	23.9	57.2	15.984	14.0	0.0	0.0	0.0	8.8
25	17.7	31.8	24.3	59.9	17.255	15.2	0.0	0.0	0.0	9.6
26	19.0	30.9	24.7	61.5	18.621	16.4	0.0	31.3	31.3	7.4
27	18.8	27.2	22.0	79.0	20.486	17.9	0.7	0.0	0.7	5.1
28	18.6	30.0	24.0	70.2	20.102	17.5	0.0	1.6	1.6	6.8
29	18.8	29.8	23.3	72.5	19.925	17.3	0.0	1.3	1.3	5.6
30	18.0	30.2	23.2	61.2	16.840	14.8	C.C	1.7	1.7	8.6
31	18.0	27.3	21.3	82.9	20.657	18.0	1.6	0.0	1.6	1.3
PROM.	18.2	29.4	23.1	68.5	18.559	16.2	17.2	69.6	86.8	210.7

## 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	17.9	31.2	23.8	66.2	18.730	16.4	0.0	0.0	0.0	8.0
2	17.9	30.9	23.8	62.6	17.515	15.3	0.0	0.0	0.0	6.8
3	18.6	31.9	24.3	59.2	17.001	14.9	0.0	0.0	0.0	9.5
4	19.5	29.8	23.6	64.4	18.435	16.2	0.0	5.6	5.6	5.1
5	18.3	28.0	22.5	71.0	19.017	16.6	0.2	8.4	8.6	6.3
6	17.2	29.4	23.4	61.9	16.705	14.6	0.0	33.9	33.9	8.0
7	16.7	27.3	21.4	77.2	19.003	16.6	C.C	2.0	2.0	3.4
8	17.1	30.0	21.8	71.8	17.703	15.3	0.0	0.0	0.0	8.0
9	17.7	25.7	22.9	63.7	17.333	15.2	0.0	30.3	30.3	7.2
10	18.0	29.9	23.2	67.5	18.152	15.9	0.0	0.0	0.0	7.2
11	18.8	29.9	23.6	62.5	17.550	15.4	0.0	0.0	0.0	8.5
12	19.2	29.0	23.6	70.5	19.782	17.3	0.0	0.0	0.0	6.1
13	18.8	29.5	23.1	62.5	17.162	15.1	0.0	0.0	0.0	7.7
14	16.4	31.4	23.5	61.1	16.374	14.3	0.0	0.0	0.0	8.0
15	17.4	31.2	24.0	59.2	16.250	14.1	0.0	0.0	0.0	6.2
16	18.2	31.0	23.5	64.8	18.077	15.9	0.0	0.0	0.0	6.6
17	18.2	30.4	23.9	59.7	17.120	15.0	0.0	7.3	7.3	6.6
18	18.5	29.9	23.3	65.3	18.869	16.4	0.0	0.2	0.2	5.4
19	18.0	31.5	24.3	64.2	18.412	16.1	0.0	0.0	0.0	8.5
20	18.6	31.3	24.2	65.1	18.242	15.9	0.0	0.0	0.0	8.9
21	18.5	27.8	22.1	75.6	19.792	17.3	0.0	0.0	0.0	4.1
22	18.1	33.2	23.8	64.0	17.783	15.6	0.5	0.2	0.7	7.3
23	19.3	30.8	25.0	65.6	19.686	17.2	0.0	0.0	0.0	5.7
24	19.3	29.9	23.7	65.4	18.567	16.2	0.0	0.0	0.0	4.8
25	18.7	30.8	23.8	67.0	18.892	16.5	0.0	0.0	0.0	3.1
26	19.0	32.3	24.4	68.4	19.943	17.4	0.1	0.0	0.1	8.5
27	19.0	31.8	24.1	66.0	19.019	16.6	0.0	0.0	0.0	7.9
28	18.6	31.4	24.1	69.3	19.821	17.3	0.0	0.0	0.0	5.5
PROM.	18.3	30.4	23.5	65.9	18.248	16.0	0.8	87.9	88.7	188.9

ESTACION: CENICAFE

MUNICIPIO: CHINCHINA

AÑO: 1.983

ALTITUD: 1.310

LATITUD: 6-00 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	19.0	30.4	23.7	73.4	20.997	18.3	0.9	36.1	37.0	4.2
2	18.7	29.9	23.3	72.9	19.991	17.3	0.0	4.8	4.8	3.0
3	18.6	29.0	22.2	75.8	20.072	17.5	6.6	0.0	6.6	2.7
4	17.6	29.8	22.4	69.3	18.360	16.1	0.0	0.0	0.0	7.7
5	18.2	29.8	23.4	70.6	19.994	17.5	0.0	0.0	0.0	6.8
6	18.2	28.9	22.0	69.4	18.286	16.0	15.4	12.1	27.5	4.7
7	18.6	26.2	22.3	77.5	20.437	17.8	1.6	20.2	21.8	1.8
8	18.4	25.5	20.7	85.9	20.852	18.2	21.2	0.0	21.2	1.8
9	18.8	29.2	22.0	70.5	18.002	15.6	1.5	0.5	2.0	4.2
10	18.4	25.2	20.6	83.7	20.413	17.8	3.6	0.0	3.6	1.2
11	17.0	29.8	23.4	68.4	18.641	16.3	0.0	0.0	0.0	8.3
12	18.5	30.2	23.9	67.0	18.939	16.6	0.0	1.7	1.7	8.7
13	18.0	29.5	23.9	69.8	19.472	16.9	0.9	4.5	5.4	5.3
14	18.0	25.8	21.4	88.3	22.743	19.5	3.1	0.0	3.1	1.6
15	17.5	30.5	23.4	63.5	17.432	15.4	0.0	0.0	0.0	7.4
16	19.4	31.2	24.9	60.1	18.071	15.9	0.0	0.1	0.1	8.5
17	19.6	25.0	20.6	91.8	22.509	19.4	3.4	0.0	3.4	1.7
18	17.0	29.5	22.9	68.8	18.326	16.1	0.0	0.0	0.0	7.3
19	18.7	31.5	24.5	62.7	18.050	15.8	0.0	0.0	0.0	7.9
20	18.2	30.0	23.6	64.7	18.323	16.1	0.0	0.0	0.0	5.9
21	17.7	30.0	23.9	68.8	19.754	17.3	0.0	0.0	0.0	3.2
22	18.5	31.6	24.4	59.9	17.046	14.9	0.0	3.0	3.0	7.1
23	17.7	31.5	23.6	67.3	18.060	15.4	0.0	0.0	0.0	7.1
24	19.0	27.2	22.0	76.0	20.044	17.5	1.2	9.1	10.3	2.3
25	18.6	22.3	20.4	94.9	22.474	19.4	6.9	0.0	6.9	0.1
26	17.4	27.9	20.3	79.1	18.297	15.9	30.0	25.1	55.1	2.1
27	16.0	27.2	21.4	73.8	18.191	16.0	0.0	0.0	0.0	3.9
28	17.5	30.5	21.7	68.4	17.245	15.0	1.8	6.4	8.2	7.4
29	17.0	29.8	22.4	66.7	16.931	14.8	0.0	3.1	3.1	0.2
30	17.8	28.8	22.8	69.1	18.161	15.8	0.0	0.0	0.0	6.5
31	18.0	29.8	24.0	58.2	16.697	14.7	0.0	11.0	11.0	9.4
PROM.	18.1	28.8	22.6	72.1	19.123	16.7	98.1	137.7	235.8	150.0

## M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	30.0	23.0	70.9	18.868	16.5	0.0	0.0	0.0	7.9
2	18.1	30.2	23.5	61.7	17.356	15.2	0.0	0.0	0.0	7.9
3	18.5	26.8	21.3	80.1	20.438	17.9	3.4	0.0	3.4	2.0
4	17.0	28.2	22.9	68.5	18.833	16.5	0.0	0.0	0.0	3.0
5	18.6	29.8	23.2	67.7	18.892	16.5	0.2	1.6	1.8	5.1
6	17.9	26.6	21.5	77.6	19.600	17.1	0.0	0.0	0.0	2.4
7	17.5	24.2	19.6	87.6	20.253	17.7	4.8	0.0	4.8	0.0
8	16.4	27.5	21.7	76.2	19.203	16.8	0.0	4.2	4.2	6.5
9	18.0	22.0	19.7	89.3	20.511	17.8	28.2	1.1	29.3	0.0
10	16.8	27.4	21.2	78.8	19.556	17.1	0.0	19.6	19.6	3.2
11	17.7	23.6	19.9	95.1	22.086	19.1	12.5	0.2	12.7	1.3
12	16.7	28.9	22.0	72.1	18.374	16.0	0.0	0.5	0.5	8.2
13	18.3	25.5	21.1	87.4	21.992	19.0	0.6	0.0	0.6	1.6
14	18.3	25.0	21.2	83.0	20.453	17.8	0.1	0.0	0.1	0.0
15	17.8	28.5	23.2	70.1	19.330	17.0	0.0	63.6	63.6	6.2
16	18.0	24.2	21.3	79.6	19.647	17.0	0.4	0.0	0.4	2.1
17	17.5	26.4	21.6	84.6	21.705	18.8	0.8	3.5	4.3	3.6
18	17.7	25.3	20.5	84.7	20.498	17.9	5.1	0.2	5.3	0.7
19	16.2	29.4	20.5	76.6	18.315	16.1	0.0	0.0	0.0	6.4
20	19.6	28.3	22.8	77.1	20.944	18.1	0.1	27.5	27.6	6.3
21	17.7	23.8	20.5	90.3	21.714	18.8	1.1	0.9	2.0	0.6
22	18.0	27.7	22.1	80.7	20.904	18.1	0.1	0.0	0.1	4.2
23	18.9	28.7	22.2	73.2	19.568	17.1	3.4	1.9	5.3	7.6
24	18.3	26.5	21.9	81.4	21.010	18.3	0.0	0.0	0.0	2.1
25	18.6	28.8	23.1	71.1	19.611	17.1	0.0	16.0	16.0	5.7
26	18.6	25.2	21.2	85.8	21.361	18.5	2.7	5.2	7.9	1.4
27	18.5	27.2	22.2	83.1	21.757	18.8	1.1	16.9	18.0	3.6
28	17.4	24.7	20.1	84.3	19.631	17.2	8.1	0.0	8.1	2.3
29	16.7	25.7	20.6	82.9	19.942	17.4	2.1	6.3	8.4	2.0
30	18.4	28.2	21.5	78.4	19.859	17.3	0.3	0.7	1.0	6.7
PROM.	17.9	26.8	21.6	79.3	20.074	17.5	75.1	169.9	245.0	110.8

ESTACION: CENICAFE  
 ALTITUD: 310

MUNICIPIO: CHINCHINA  
 LATITUD: 5-00 N.

AÑO: 1983  
 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	18.3	27.0	22.5	78.5	20.871	18.2	0.7	0.2	0.9	6.9
2	18.2	28.3	22.6	65.7	17.429	15.3	0.0	0.0	0.0	5.4
3	17.7	27.9	22.0	77.6	19.977	17.4	0.0	1.7	1.7	4.3
4	17.3	27.5	22.5	72.9	19.220	16.8	0.0	0.0	0.0	3.9
5	18.8	27.6	22.7	75.7	20.414	17.8	0.0	0.0	0.0	3.9
6	18.1	27.2	22.2	78.7	20.889	18.2	0.0	0.0	0.0	3.5
7	19.5	25.6	22.4	81.9	21.963	19.0	0.0	1.4	1.4	6.6
8	17.8	29.9	23.0	71.5	19.598	17.1	0.0	0.0	0.0	6.6
9	18.2	30.2	22.1	70.7	18.402	16.0	10.0	2.0	12.0	8.1
10	18.6	29.8	23.9	74.2	21.035	18.1	0.0	1.2	1.2	7.4
11	20.0	29.4	23.4	78.5	22.262	19.1	0.2	2.0	2.2	6.5
12	19.6	27.5	23.0	78.6	21.752	18.8	0.4	0.0	0.4	4.0
13	17.8	27.5	22.2	76.0	19.963	17.4	0.2	0.0	0.2	3.6
14	17.7	28.6	22.7	74.3	20.212	17.6	0.0	13.0	13.0	5.4
15	18.7	25.7	21.9	88.6	23.151	19.8	0.0	0.5	0.5	2.1
16	17.0	25.4	19.8	89.5	20.830	18.1	3.5	0.2	3.7	0.9
17	15.6	29.0	22.0	76.6	19.561	17.0	0.3	34.9	35.2	7.0
18	15.8	25.1	20.3	83.0	15.700	17.2	2.9	0.6	3.5	0.6
19	17.3	27.6	21.2	81.4	19.987	17.3	0.4	0.0	0.4	2.9
20	17.2	27.3	20.7	85.1	20.648	18.0	12.0	0.0	12.0	3.7
21	18.0	27.6	21.6	80.9	20.904	18.2	1.3	5.0	6.3	5.5
22	16.8	27.3	21.5	79.1	19.966	17.4	2.7	0.1	2.8	6.1
23	16.7	27.6	21.1	76.9	19.448	17.0	13.5	26.1	39.6	6.7
24	17.4	28.2	22.2	78.0	20.111	17.6	0.0	0.0	0.0	5.8
25	18.2	29.3	23.2	73.9	20.421	17.7	0.0	23.5	23.5	5.7
26	19.2	28.8	22.3	77.9	20.431	17.7	4.1	2.3	6.4	5.0
27	18.4	27.4	22.0	81.5	21.256	18.5	5.4	0.2	5.6	4.9
28	18.7	24.8	20.4	88.0	21.564	18.7	7.8	22.2	30.0	0.3
29	17.0	27.9	21.4	77.6	19.185	16.8	0.0	0.0	0.0	5.6
30	17.6	27.9	22.1	75.8	20.082	17.5	0.0	0.0	0.0	6.4
31	18.3	29.7	22.9	70.8	19.483	17.0	1.7	0.0	1.7	5.9
PROM.	17.9	27.8	22.1	78.1	20.346	17.7	67.1	137.1	204.2	145.2

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	18.7	27.7	22.4	79.7	21.340	18.5	0.0	16.8	16.8	1.9
2	19.0	30.0	22.1	75.9	19.935	17.3	0.3	3.3	3.6	3.9
3	18.3	27.5	21.0	82.0	20.229	17.6	1.9	15.0	16.9	1.4
4	18.0	25.7	21.0	81.3	20.300	17.7	0.0	8.5	8.5	2.0
5	17.5	24.4	20.8	85.2	20.556	17.9	0.0	0.0	0.0	1.8
6	17.4	27.7	21.7	73.8	19.017	16.6	0.2	0.0	0.2	3.5
7	16.8	29.3	20.4	79.5	18.749	16.4	23.0	9.9	32.9	5.7
8	17.4	23.5	19.5	96.6	21.933	19.0	3.0	0.1	3.1	0.2
9	14.5	29.8	21.3	76.8	18.549	16.1	0.0	0.0	0.0	8.9
10	17.5	30.5	23.0	74.9	20.377	17.6	0.0	8.2	8.2	5.9
11	17.0	25.6	19.3	90.0	20.752	18.1	10.3	0.0	10.3	1.8
12	14.5	26.6	21.2	77.7	19.062	16.7	0.0	0.0	0.0	6.1
13	18.3	29.4	21.6	74.4	18.981	16.7	0.7	0.0	0.7	6.2
14	17.4	30.0	22.0	75.5	19.649	17.2	0.0	0.0	0.0	7.3
15	17.5	28.5	22.2	78.7	20.624	17.9	1.1	0.0	1.1	5.1
16	17.2	28.4	23.0	73.3	19.833	17.2	0.0	1.3	1.3	6.0
17	17.0	26.8	20.8	80.4	19.715	17.3	26.7	0.0	26.7	2.9
18	15.6	29.5	22.9	70.8	18.581	16.1	0.0	0.0	0.0	9.1
19	16.4	29.6	23.4	69.2	19.130	16.7	0.0	0.0	0.0	8.0
20	18.7	26.3	22.0	76.4	20.337	17.8	0.0	0.0	0.0	6.3
21	16.8	30.0	23.2	65.6	17.640	15.4	0.0	0.0	0.0	6.8
22	16.8	28.0	22.1	76.6	19.815	17.3	0.1	1.4	1.5	6.3
23	17.4	29.4	22.6	69.6	18.193	15.9	0.0	0.1	0.1	5.9
24	17.5	27.7	22.2	69.3	18.048	15.8	0.0	0.0	0.0	8.9
25	16.0	29.5	22.2	69.9	17.501	15.7	0.1	0.0	0.1	8.1
26	17.5	29.0	22.3	72.8	19.109	16.8	0.0	11.9	11.9	6.5
27	17.0	29.3	22.4	71.6	18.594	16.3	0.0	0.0	0.0	8.0
28	18.4	27.0	20.7	85.8	21.337	18.5	0.4	0.0	0.4	2.0
29	17.8	25.5	22.0	78.4	20.315	17.7	0.0	0.0	0.0	2.9
30	16.4	27.0	21.4	68.2	16.799	14.6	0.0	0.0	0.0	6.9
PROM.	17.2	28.0	21.8	76.7	19.515	17.0	67.8	76.5	144.3	150.3

ESTACION: CENICAFE

MUNICIPIO: CHINCHINA

AÑO: 1.983

ALTITUD: 1.310

LATITUD: 6-00 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	16.4	28.0	22.4	72.3	19.174	16.8	0.1	0.0	0.1	5.3
2	17.7	28.0	21.8	75.2	19.291	16.8	0.0	0.0	0.0	3.6
3	15.8	27.7	22.3	70.4	17.850	15.7	0.0	0.0	0.0	6.5
4	17.4	29.5	23.1	66.4	18.063	15.8	0.0	6.2	6.2	5.5
5	17.4	26.5	21.2	79.1	19.605	17.2	0.0	0.0	0.0	2.0
6	16.4	27.9	21.3	67.1	16.433	14.4	0.0	0.0	0.0	7.7
7	17.7	29.9	22.3	70.2	18.485	16.1	4.5	0.0	4.5	8.3
8	17.0	27.2	22.1	72.4	18.469	16.1	0.0	30.2	30.2	7.3
9	16.8	24.3	20.4	79.6	18.859	16.5	0.0	7.9	7.9	1.6
10	15.5	27.5	21.0	77.5	18.971	16.6	0.0	23.6	23.6	8.2
11	16.6	28.0	21.7	76.5	19.141	16.7	0.0	5.7	5.7	7.1
12	16.6	28.6	22.0	69.9	17.277	15.0	0.0	0.0	0.0	7.0
13	17.3	30.2	23.4	62.3	16.750	14.5	0.0	0.0	0.0	10.0
14	17.8	29.5	23.3	67.7	18.408	16.1	0.0	1.1	1.1	8.0
15	18.3	27.6	21.7	77.0	19.412	16.8	0.2	0.6	0.8	3.3
16	17.8	27.3	22.0	77.4	20.057	17.5	0.0	1.0	1.0	5.5
17	17.6	27.3	21.6	75.7	19.250	15.9	0.0	0.0	0.0	6.6
18	16.6	31.4	22.9	62.1	16.164	14.1	0.1	0.0	0.1	10.0
19	17.4	29.0	23.3	65.3	17.713	15.4	0.0	3.6	3.6	4.6
20	17.8	29.8	23.1	69.0	18.393	16.0	0.0	0.6	0.6	8.9
21	18.5	30.0	23.7	66.2	18.240	15.8	0.0	58.2	58.2	4.9
22	17.3	25.2	21.0	77.9	19.197	16.8	0.0	2.9	2.9	1.5
23	17.7	23.3	19.6	88.7	20.172	17.7	1.7	0.0	1.7	1.7
24	15.6	28.4	21.8	68.6	16.627	14.4	0.0	0.0	0.0	7.1
25	14.2	29.8	21.7	55.4	12.935	10.5	0.0	0.0	0.0	9.8
26	16.2	29.9	22.0	54.7	13.844	11.7	0.0	0.0	0.0	7.7
27	16.8	26.3	20.8	82.3	20.225	17.5	0.0	0.0	0.0	3.3
28	16.5	28.4	22.4	67.1	17.665	15.5	0.0	0.0	0.0	6.2
29	18.3	28.6	22.7	71.4	18.973	16.6	0.0	6.1	6.1	4.6
30	17.8	27.0	21.6	80.6	20.375	17.7	0.3	0.0	0.3	2.1
31	17.4	26.0	21.3	78.5	19.612	17.2	0.2	0.7	0.9	2.9
PROM.	17.0	28.0	22.0	71.8	18.246	15.9	7.1	148.4	155.5	178.6

## 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	17.9	26.0	21.4	84.6	21.380	18.6	2.3	1.1	3.4	3.2
2	18.0	27.1	21.9	75.0	19.103	16.7	3.6	0.0	3.6	5.5
3	17.8	27.0	21.5	73.4	18.581	16.3	0.1	0.0	0.1	4.1
4	16.0	28.0	22.0	73.9	18.858	16.4	0.3	9.3	9.6	6.5
5	16.3	23.6	19.1	95.1	21.031	18.3	4.5	0.3	4.8	1.8
6	16.9	26.8	21.7	77.3	19.499	17.0	0.0	26.3	26.3	5.5
7	16.6	27.7	21.6	71.8	17.863	15.7	0.2	5.5	5.7	6.9
8	16.0	28.5	21.5	67.7	16.520	14.5	0.0	0.0	0.0	7.6
9	15.6	29.2	21.6	67.2	16.786	14.7	0.0	0.0	0.0	6.3
10	17.4	30.0	22.5	65.5	17.112	15.0	0.0	0.0	0.0	7.4
11	15.4	29.4	21.8	65.7	16.306	14.3	0.0	0.0	0.0	8.6
12	18.1	26.8	21.8	71.7	18.211	16.0	0.0	0.0	0.0	5.4
13	16.0	30.2	22.1	62.2	15.403	13.4	0.0	0.0	0.0	6.6
14	17.0	30.1	23.1	64.2	17.255	15.1	0.0	0.0	0.0	9.9
15	17.0	30.2	23.1	58.6	16.297	14.3	0.0	0.0	0.0	6.7
16	17.4	29.3	23.8	65.9	18.099	15.9	0.0	0.0	0.0	6.1
17	17.8	28.6	22.7	74.2	19.680	17.2	0.0	0.0	0.0	5.5
18	18.4	26.4	21.1	83.7	20.928	18.2	0.3	0.0	0.3	2.6
19	17.7	26.1	21.2	78.1	19.493	17.1	0.0	0.0	0.0	2.3
20	16.8	29.4	23.1	65.1	17.334	15.2	0.0	0.0	0.0	7.3
21	17.7	28.5	22.0	76.4	20.006	17.5	0.0	0.0	0.0	4.6
22	17.7	31.0	23.8	64.0	17.653	15.4	0.0	5.0	5.0	8.5
23	18.2	29.0	22.2	75.5	19.817	17.3	0.0	5.0	5.0	4.4
24	17.8	26.2	21.8	76.0	19.273	16.9	0.0	0.0	0.0	1.8
25	17.5	26.5	21.4	75.2	19.145	16.8	0.0	26.0	26.0	1.9
26	18.0	26.5	21.7	75.7	19.044	16.6	0.0	7.2	7.2	2.6
27	17.0	27.5	22.2	66.0	17.228	15.1	0.0	15.0	15.0	5.4
28	17.5	24.7	20.3	83.0	19.600	17.1	6.5	0.0	6.5	0.2
29	17.7	24.9	20.1	83.6	19.598	17.2	5.7	2.9	8.6	0.3
30	17.4	28.2	21.4	73.5	18.075	15.8	0.0	0.0	0.0	5.3
31	16.8	29.2	22.4	61.6	16.243	14.2	0.0	0.0	0.0	8.2
PROM	17.2	27.8	21.9	72.6	18.433	16.1	23.5	103.6	127.1	159.4

ESTACION: CENICAFE  
 ALTITUD: 1.310

MUNICIPIO: CHINCHINA AÑO: 1.983  
 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	17.4	28.4	22.8	68.1	17.829	15.6	0.0	7.6	7.6	7.4
2	18.5	29.0	22.4	73.3	19.052	16.6	0.0	1.8	1.8	4.6
3	17.4	26.8	21.2	78.2	19.257	16.9	0.3	0.0	0.3	4.1
4	17.8	29.2	22.3	66.1	17.468	15.3	0.0	18.2	18.2	8.8
5	17.7	27.4	20.3	84.2	19.835	17.3	1.9	29.5	31.4	6.1
6	17.4	24.8	20.1	86.4	20.219	17.7	0.7	4.9	5.6	1.5
7	17.5	25.3	20.7	83.0	19.948	17.4	0.7	0.0	0.7	2.5
8	15.5	26.0	20.9	71.5	17.141	15.0	0.2	1.6	1.8	5.5
9	16.5	27.2	20.2	77.9	18.175	16.0	2.3	0.1	2.4	4.1
10	16.8	26.0	21.0	74.9	18.231	16.0	0.0	0.0	0.0	2.7
11	16.5	26.5	21.1	72.2	17.419	15.2	0.0	0.3	0.3	4.5
12	17.0	28.0	22.3	68.5	17.306	15.1	0.0	0.0	0.0	5.5
13	16.5	28.0	21.3	74.4	18.430	16.2	0.0	10.3	10.3	5.1
14	17.0	26.4	21.0	79.8	19.364	16.9	0.0	0.0	0.0	4.9
15	17.0	28.3	21.2	74.6	18.291	16.0	0.4	0.0	0.4	6.1
16	17.6	27.2	19.9	81.5	18.802	16.4	5.0	2.7	7.7	4.2
17	18.0	27.5	21.4	71.3	17.813	15.5	0.0	0.4	0.4	4.1
18	17.0	28.7	21.6	70.4	17.424	15.2	0.0	0.3	0.3	5.7
19	17.4	25.4	21.8	72.0	17.970	15.5	1.6	0.1	1.7	6.4
20	18.0	28.0	21.9	80.9	20.776	18.1	0.0	0.8	0.8	5.4
21	17.7	27.7	21.2	74.1	18.145	15.8	0.0	3.9	3.9	8.1
22	17.6	27.2	20.6	76.1	17.965	15.6	0.0	0.0	0.0	5.4
23	15.8	29.5	21.9	68.1	17.446	15.4	0.0	0.0	0.0	8.8
24	18.0	28.3	22.2	76.9	20.355	17.7	0.0	0.0	0.0	5.2
25	16.4	28.7	22.4	70.1	18.143	15.9	0.0	0.0	0.0	5.8
26	17.4	28.5	22.6	72.8	19.421	16.9	0.0	0.0	0.0	5.1
27	17.6	31.0	23.3	67.8	18.344	16.0	0.0	0.1	0.1	9.7
28	19.0	28.2	22.2	79.5	20.890	18.1	0.0	0.0	0.0	2.7
29	17.5	30.0	22.5	75.2	19.956	17.5	0.0	5.3	5.3	6.3
30	17.8	28.6	22.0	77.3	20.268	17.7	0.0	0.1	0.1	5.2
PROM.	17.3	27.9	21.6	74.9	18.725	16.4	13.1	88.0	101.1	161.5

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	18.0	28.6	22.3	76.4	20.135	17.5	0.0	0.0	0.0	5.7
2	18.3	27.5	22.3	74.5	19.628	17.1	0.0	5.8	5.8	3.7
3	16.0	26.5	20.0	83.9	19.406	16.9	1.0	1.6	2.6	4.1
4	16.0	28.6	22.2	70.6	18.201	16.0	0.0	2.3	2.3	7.4
5	17.7	27.9	22.0	76.2	19.761	17.3	0.0	0.0	0.0	6.5
6	17.3	28.9	22.4	70.7	18.613	16.3	0.0	0.0	0.0	5.8
7	16.4	25.6	21.4	74.1	18.865	16.6	0.0	0.0	0.0	1.1
8	16.2	27.5	21.7	68.8	17.284	15.2	0.0	0.2	0.2	5.9
9	16.2	27.5	22.5	74.2	19.462	17.0	0.0	3.5	3.5	6.4
10	16.4	26.4	21.1	76.3	18.702	16.4	0.0	13.0	13.0	3.5
11	17.0	25.6	19.4	91.4	20.626	18.0	1.7	0.0	1.7	1.4
12	16.4	27.6	21.8	70.0	17.432	15.0	0.1	47.0	47.1	4.5
13	17.0	25.5	20.1	83.7	19.618	17.1	0.3	0.4	0.7	2.3
14	16.5	24.0	19.1	81.2	18.038	15.8	1.8	0.1	1.9	0.5
15	16.2	22.0	18.5	90.2	19.393	17.0	16.4	12.2	28.6	0.0
16	15.2	25.0	19.4	81.4	17.966	15.7	0.0	0.0	0.0	2.0
17	15.7	27.5	21.3	70.7	17.431	15.3	0.0	0.0	0.0	10.0
18	16.1	28.3	22.0	66.3	17.194	15.0	0.0	0.0	0.0	9.6
19	17.1	23.5	18.5	94.1	20.119	17.6	5.5	0.6	6.1	0.2
20	15.0	26.7	20.9	74.2	17.458	15.2	0.0	23.2	23.2	4.9
21	15.6	25.0	19.6	81.6	18.563	16.3	0.0	0.0	0.0	4.0
22	15.2	27.5	20.8	67.8	16.170	14.1	0.0	0.0	0.0	6.8
23	16.2	28.0	21.2	76.3	18.488	16.1	0.0	0.0	0.0	5.6
24	15.4	28.8	21.0	70.7	17.512	15.4	0.0	0.0	0.0	6.9
25	17.8	25.8	20.5	79.1	19.454	17.1	4.3	0.1	4.4	0.8
26	15.3	27.7	20.9	74.3	17.702	15.4	0.0	6.3	6.3	6.4
27	17.3	26.6	20.6	76.2	18.380	16.1	7.3	0.0	7.3	2.0
28	17.2	26.0	20.3	90.4	22.011	18.9	3.3	29.8	33.1	1.4
29	16.2	24.7	19.8	82.8	18.835	16.5	1.5	2.1	3.6	3.8
30	17.0	22.6	19.0	93.6	20.787	18.1	4.5	0.2	4.7	0.0
31	16.3	27.2	20.8	78.5	18.752	16.4	0.1	0.0	0.1	6.0
PROM.	16.5	26.5	20.8	78.1	18.775	16.4	47.8	148.4	196.2	129.2

ESTACION: CENICAFE  
 ALTITUD: 1.310

MUNICIPIO: CHINCHINA  
 LATITUD: 5-00 N.

AÑO: 1.983  
 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	17.5	28.8	22.5	73.3	19.543	17.1	0.0	2.5	2.5	8.6
2	17.1	25.8	20.8	84.5	20.480	17.8	0.2	0.4	0.6	3.0
3	16.9	28.8	21.8	76.2	19.231	16.8	0.0	32.4	32.4	5.1
4	16.4	27.2	21.2	73.8	17.938	15.7	0.0	0.0	0.0	5.8
5	17.0	28.5	22.3	67.4	18.030	15.8	0.0	0.0	0.0	6.0
6	17.4	27.0	21.8	75.3	19.922	17.4	0.0	0.0	0.0	2.9
7	17.1	28.2	21.8	75.4	19.309	16.9	0.0	0.3	0.3	6.8
8	18.1	23.8	20.9	85.4	21.116	18.3	0.0	0.0	0.0	0.0
9	17.5	29.2	21.9	73.9	18.767	16.3	0.0	6.5	6.5	7.4
10	16.2	26.0	19.0	78.1	17.259	15.2	17.1	0.0	17.1	5.4
11	15.6	26.0	19.8	76.5	17.546	15.4	26.5	0.1	26.6	4.6
12	15.9	27.5	20.1	74.8	17.521	15.4	0.1	0.0	0.1	7.0
13	16.0	27.0	21.1	74.9	18.590	16.3	0.0	5.7	5.7	6.0
14	14.9	25.5	20.3	72.7	16.857	14.8	1.1	0.0	1.1	6.3
15	15.8	27.5	20.8	69.7	16.629	14.5	0.0	4.3	4.3	5.7
16	16.3	27.6	20.7	77.6	18.333	16.0	0.2	0.0	0.2	6.5
17	16.9	26.7	20.2	75.1	17.671	15.5	0.7	0.0	0.7	7.3
18	15.6	27.3	21.7	75.0	18.857	16.5	0.0	2.2	2.2	8.0
19	17.3	27.2	22.1	77.4	20.002	17.5	0.0	0.0	0.0	6.6
20	17.6	27.5	21.9	71.4	18.674	16.4	0.0	0.0	0.0	4.7
21	17.4	27.8	22.3	69.9	18.397	16.1	0.0	11.5	11.5	4.7
22	17.0	27.0	21.7	72.2	18.116	15.9	0.0	6.8	6.8	5.3
23	17.3	26.8	20.5	75.7	18.149	16.0	0.0	0.0	0.0	4.9
24	16.4	27.0	21.0	76.7	18.933	16.6	0.0	0.0	0.0	6.0
25	15.8	27.6	20.9	73.0	17.799	15.6	0.0	0.0	0.0	7.0
26	16.7	26.5	20.8	75.8	18.552	16.3	0.0	0.3	0.3	4.2
27	15.3	26.6	20.7	74.5	17.892	15.7	0.0	0.9	0.9	5.9
28	15.5	25.5	20.5	72.9	17.286	15.1	0.7	3.9	4.6	3.6
29	16.6	25.4	19.8	85.5	19.493	17.1	1.6	24.5	26.1	2.6
30	15.4	23.4	18.6	89.5	19.434	17.0	15.0	0.1	15.1	0.5
PROM.	16.6	26.9	21.0	75.8	18.546	16.2	63.2	102.4	165.6	158.4

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	25.2	19.8	80.2	18.501	16.3	0.0	0.0	0.0	4.8
2	16.0	26.5	20.8	76.0	18.568	16.3	0.0	8.8	8.8	6.5
3	16.7	23.7	20.1	87.7	20.606	18.0	3.1	6.5	9.6	2.6
4	16.4	23.5	19.9	82.5	18.930	16.6	0.0	9.5	9.5	1.4
5	17.0	23.5	18.5	95.9	20.212	17.7	4.0	0.6	4.6	0.7
6	17.2	25.0	19.7	82.1	18.750	16.5	0.5	3.3	3.8	4.2
7	17.2	24.8	19.3	79.5	17.879	15.7	1.8	0.0	1.8	3.9
8	14.8	26.9	19.2	77.8	16.710	14.6	1.1	0.0	1.1	6.0
9	15.0	25.6	19.9	76.2	17.255	15.1	0.0	7.5	7.5	2.7
10	16.0	24.7	19.3	84.0	18.831	16.5	3.0	0.0	3.0	2.9
11	14.3	26.2	20.0	74.7	16.854	14.8	0.0	0.0	0.0	4.9
12	15.2	27.6	19.9	79.2	18.447	16.2	0.0	0.0	0.0	5.7
13	14.6	26.6	20.4	74.1	17.038	14.8	0.0	0.0	0.0	6.5
14	16.3	25.8	20.3	75.7	17.511	15.2	0.4	0.0	0.4	1.5
15	16.4	27.8	20.3	77.5	18.098	15.8	2.2	0.1	2.3	6.0
16	16.3	24.8	20.4	80.0	18.926	16.6	0.6	1.8	2.4	1.2
17	16.4	22.0	18.8	93.7	20.417	17.8	1.0	0.0	1.0	1.5
18	15.2	27.4	20.1	75.8	17.574	15.4	20.2	11.9	32.1	5.8
19	15.1	27.5	20.7	80.5	19.053	16.7	0.0	25.0	25.0	7.7
20	17.0	26.6	21.4	78.0	19.272	16.9	0.0	12.9	12.9	6.2
21	16.9	28.0	21.3	75.1	18.402	16.1	1.1	0.0	1.1	8.7
22	17.5	27.0	21.1	73.5	18.134	15.9	0.2	0.0	0.2	5.1
23	16.4	26.0	20.8	74.0	17.991	15.8	0.0	0.0	0.0	7.6
24	16.8	28.7	22.0	73.8	19.100	16.7	0.0	0.1	0.1	4.7
25	15.6	27.9	21.8	72.1	18.144	15.9	0.0	0.0	0.0	6.9
26	16.6	25.4	19.9	77.5	18.305	16.1	1.5	0.0	1.5	0.5
27	14.8	26.8	21.0	71.3	17.254	15.1	0.0	0.0	0.0	6.6
28	14.3	28.2	21.9	67.6	17.002	14.8	0.0	0.6	0.6	6.4
29	16.8	25.4	20.4	80.6	19.193	16.9	0.1	0.2	0.3	2.1
30	16.5	24.8	19.4	82.1	18.905	16.6	8.5	1.0	9.5	0.9
31	16.2	24.8	19.4	81.7	18.588	16.3	6.7	0.5	7.2	2.4
PROM.	16.0	26.0	20.3	78.7	18.403	16.1	56.0	90.3	146.3	134.6

ESTACION: CENICAFE

MUNICIPIO CHINCHINA

AÑO: 1.983

ALTITUD: 1.310

LATITUD: 5-00 N.

LONGITUD: 75-36 W.

MESES	TEMPERATURA °C					Humedad relativa 0/0	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días Hluvias	
ENERO	18.2	29.4	23.1	17.0	31.8	68.5	18.559	16.2	86.8	15	210.7
FEBRERO	18.3	30.4	23.8	16.4	33.2	65.9	18.248	16.0	88.7	9	188.9
MARZO	18.1	28.8	22.6	16.0	31.6	72.1	18.123	16.7	235.8	20	150.0
ABRIL	17.9	26.8	21.6	16.2	30.2	79.3	20.074	17.5	245.0	24	110.8
MAYO	17.9	27.8	22.1	15.6	30.2	78.1	20.346	17.7	204.2	23	145.2
JUNIO	17.2	28.0	21.8	14.5	30.5	76.7	18.515	17.0	144.3	18	150.3
JULIO	17.0	28.0	22.0	14.2	31.4	71.8	18.246	15.9	155.5	19	178.6
AGOSTO	17.2	27.8	21.9	15.4	31.0	72.6	18.433	16.1	127.1	15	159.4
SEPTIEMBRE	17.3	27.9	21.6	15.8	31.0	74.9	18.725	16.4	101.1	21	161.5
OCTUBRE	16.5	26.5	20.8	15.0	28.9	78.1	18.775	16.4	196.2	20	129.2
NOVIEMBRE	16.6	26.9	21.0	14.9	29.2	75.8	18.546	16.2	165.6	21	158.4
DICIEMBRE	16.0	26.0	20.3	14.3	28.7	78.7	18.403	16.1	146.3	24	134.6
PROMEDIO	17.4	27.9	21.9	15.4	30.6	74.4	18.916	16.5			
TOTAL									1896.6	229	1877.6

ESTACION: NARANJAL

MUNICIPIO: CHINCHINA

AÑO: 1.983

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	17.7	28.0	22.0	74.7	19.408	17.0	0.0	0.0	0.0	4.3
2	18.7	26.3	21.6	77.7	20.101	17.6	0.0	5.1	5.1	3.5
3	16.4	26.0	20.8	75.2	18.195	16.0	0.0	13.4	13.4	0.6
4	17.7	24.5	19.6	86.3	19.693	17.3	2.8	0.5	3.3	4.2
5	17.7	26.3	21.4	75.1	18.670	16.4	0.0	0.3	0.3	6.8
6	17.7	27.3	21.9	73.6	18.968	16.6	0.0	0.0	0.0	4.8
7	17.6	27.1	22.1	75.7	19.620	17.2	0.0	29.7	29.7	4.4
8	18.0	26.2	21.2	78.9	19.801	17.3	0.0	0.0	0.0	8.0
9	17.2	28.0	22.2	72.5	19.223	16.8	0.0	0.0	0.0	7.1
10	17.2	28.0	22.6	71.9	19.364	17.0	0.0	1.4	1.4	5.2
11	18.5	28.5	23.0	75.4	20.645	18.0	1.0	2.1	3.1	6.0
12	18.0	26.0	21.7	82.1	21.210	18.4	7.1	0.0	7.1	2.1
13	18.5	28.0	22.5	74.5	19.774	17.2	0.0	0.0	0.0	8.4
14	18.2	28.0	22.3	73.4	19.418	17.0	0.0	0.0	0.0	6.2
15	17.7	28.8	22.5	74.6	20.068	17.6	0.0	44.0	44.0	9.7
16	18.3	28.2	22.0	76.0	20.259	17.7	3.7	0.0	3.7	6.4
17	18.0	28.0	22.4	72.1	19.371	17.0	0.0	0.0	0.0	7.8
18	17.7	28.3	21.9	70.6	17.948	15.7	0.0	0.0	0.0	9.8
19	17.6	29.0	22.9	70.4	18.957	16.7	0.0	0.0	0.0	8.4
20	17.4	28.0	21.9	73.5	18.741	16.4	0.0	0.0	0.0	7.2
21	17.5	29.4	22.5	74.6	20.130	17.6	0.0	0.0	0.0	8.4
22	17.3	29.5	23.1	70.9	19.617	17.2	0.0	0.0	0.0	8.6
23	17.5	29.3	22.5	73.2	19.774	17.3	0.0	0.0	0.0	9.4
24	17.4	29.1	22.5	67.5	17.617	15.5	0.0	0.0	0.0	8.7
25	16.8	29.6	22.3	71.0	18.751	16.5	0.0	0.0	0.0	8.7
26	18.7	29.3	23.6	71.7	20.622	18.0	0.0	14.2	14.2	6.3
27	18.6	26.8	21.6	85.4	22.161	19.1	0.9	0.0	0.9	4.7
28	17.2	27.6	23.5	74.0	20.557	17.9	0.0	4.7	4.7	6.1
29	19.0	28.0	22.5	76.6	20.378	17.8	0.0	0.0	0.0	5.4
30	18.0	27.4	22.7	71.8	19.565	17.1	0.0	1.4	1.4	8.1
31	18.7	24.5	21.4	81.0	20.386	17.8	2.5	0.0	2.5	1.1
PROM.	17.8	27.7	22.2	75.0	19.645	17.2	18.0	116.8	134.8	196.4

## M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	29.0	23.1	70.9	19.560	17.1	0.0	0.0	0.0	7.9
2	17.6	28.6	23.1	64.9	17.761	15.6	0.0	0.0	0.0	6.7
3	17.7	29.5	23.4	67.4	18.751	16.5	0.0	0.0	0.0	9.6
4	18.3	27.1	22.6	75.2	20.363	17.8	0.0	36.6	36.6	4.2
5	18.0	26.2	22.1	76.6	19.862	17.3	0.0	0.6	0.6	5.2
6	17.3	28.0	22.5	70.2	18.554	16.3	0.0	28.8	28.8	7.6
7	17.2	26.8	20.9	79.6	19.341	17.0	0.0	1.6	1.6	3.4
8	17.2	28.0	21.6	73.5	18.299	16.1	0.0	8.2	8.2	8.0
9	17.5	28.5	22.4	73.9	19.458	17.1	2.7	20.2	22.9	8.0
10	18.0	28.8	22.5	72.9	19.113	16.8	0.0	0.0	0.0	6.3
11	18.0	28.2	23.2	70.0	19.277	16.9	0.0	0.0	0.0	7.6
12	18.5	28.8	22.9	75.7	20.555	18.0	0.0	0.0	0.0	5.1
13	18.0	28.0	21.8	73.5	18.984	16.7	0.0	0.0	0.0	7.0
14	16.4	29.4	22.7	66.3	17.562	15.4	0.0	0.0	0.0	9.0
15	17.0	30.0	24.0	66.0	18.626	16.3	0.0	0.0	0.0	7.1
16	17.5	30.0	23.1	71.0	19.545	17.1	0.0	0.0	0.0	6.8
17	17.5	29.3	23.4	71.5	19.957	17.5	0.0	1.0	1.0	6.1
18	17.9	29.0	22.8	75.3	20.084	17.5	0.0	0.2	0.2	6.6
19	17.6	29.4	23.8	73.0	20.833	18.2	0.0	0.0	0.0	8.8
20	19.0	30.3	23.2	70.8	19.724	17.3	0.0	0.0	0.0	8.3
21	17.5	26.7	21.4	78.7	19.895	17.4	0.0	0.0	0.0	3.7
22	17.0	30.7	23.1	64.7	16.747	14.3	1.0	3.9	4.9	7.6
23	18.8	28.6	23.7	72.3	20.515	17.9	0.0	0.0	0.0	5.0
24	18.0	28.0	22.8	74.4	20.353	17.8	0.0	0.0	0.0	3.5
25	18.3	28.5	22.8	76.7	20.681	17.9	0.0	0.0	0.0	2.6
26	18.2	30.2	23.7	66.9	18.754	16.5	0.0	0.3	0.3	7.5
27	18.5	29.3	22.9	72.0	19.744	17.3	0.0	0.0	0.0	5.7
28	18.3	29.2	23.2	72.6	19.910	17.4	0.0	0.0	0.0	4.2
PROM.	17.8	28.7	22.8	72.0	19.387	17.0	3.7	101.4	105.1	179.1

ESTACION: NARANJAL  
 ALTITUD: 1.400

MUNICIPIO: CHINCHINA AÑO: 1.983  
 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	19.5	29.0	22.8	78.4	21.337	18.5	0.6	33.1	33.7	4.0
2	18.0	28.0	23.2	73.8	20.225	17.6	0.0	26.3	26.3	3.3
3	19.0	27.5	22.1	83.7	22.111	19.1	2.9	0.0	2.9	2.7
4	17.9	29.2	21.8	76.3	19.887	17.4	0.3	0.0	0.3	7.3
5	17.8	29.3	22.4	77.9	20.774	18.1	0.0	0.0	0.0	3.6
6	18.6	28.1	22.0	78.6	20.955	18.3	0.3	4.7	5.0	3.2
7	19.0	25.5	21.8	80.8	20.785	18.1	1.0	0.4	1.4	1.3
8	18.0	25.6	21.2	82.4	20.672	18.1	34.9	0.0	34.9	1.3
9	19.0	27.7	21.6	73.4	18.690	16.3	0.0	0.2	0.2	4.2
10	17.0	25.0	20.0	86.3	20.518	17.9	3.3	0.0	3.3	0.5
11	17.0	28.5	22.0	72.8	18.919	16.6	0.0	0.0	0.0	6.0
12	18.6	29.0	23.2	64.8	18.105	15.9	0.0	0.0	0.0	8.0
13	19.2	28.0	23.2	71.6	19.607	17.1	0.9	20.1	21.0	4.2
14	17.6	25.6	20.5	81.2	19.618	17.2	1.0	0.0	1.0	1.3
15	16.6	26.5	23.0	70.9	19.346	17.0	0.0	0.0	0.0	6.6
16	19.0	29.2	23.8	70.5	20.111	17.6	0.1	0.2	0.3	6.4
17	18.5	27.0	20.5	85.8	22.222	19.2	2.5	0.0	2.5	0.9
18	17.0	28.2	22.4	80.8	21.364	18.5	0.0	0.0	0.0	4.5
19	16.8	30.0	23.6	70.0	19.313	16.9	0.0	0.0	0.0	7.8
20	18.2	29.0	22.5	73.2	19.786	17.3	0.0	0.0	0.0	3.8
21	18.0	28.8	22.7	78.4	20.789	18.1	0.0	0.0	0.0	3.5
22	17.5	30.3	23.5	69.8	19.701	17.3	0.0	10.8	10.8	7.6
23	17.3	30.6	22.6	70.6	18.972	16.6	0.0	10.4	10.4	7.0
24	17.0	27.6	22.2	79.1	21.150	18.4	0.2	27.1	27.3	2.2
25	18.0	22.0	19.8	93.4	21.553	18.7	10.0	0.2	10.2	0.0
26	18.0	26.6	20.7	86.7	21.343	18.5	21.7	23.9	45.6	0.8
27	17.0	27.0	21.3	80.8	20.092	17.6	0.0	0.0	0.0	4.1
28	17.5	29.7	21.4	78.0	19.541	17.1	1.0	0.0	1.0	7.9
29	17.0	29.8	21.4	76.0	19.068	16.8	8.9	16.0	24.9	6.9
30	17.3	27.8	21.5	76.9	19.429	17.0	0.0	0.0	0.0	5.2
31	16.7	29.0	22.3	73.1	19.586	17.2	0.0	2.5	2.5	8.0
PROM.	17.9	28.0	22.0	77.4	20.180	17.6	89.6	175.9	265.5	137.0

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	29.8	22.5	71.6	18.962	16.6	0.0	0.0	0.0	7.6
2	18.0	29.6	22.8	71.9	19.769	17.3	0.0	0.0	0.0	7.4
3	18.5	27.0	21.0	81.8	20.620	18.0	0.4	0.0	0.4	2.8
4	16.4	28.2	22.4	77.0	20.619	18.0	0.0	0.0	0.0	1.7
5	16.3	26.5	22.6	76.2	20.756	18.1	0.0	4.7	4.7	5.5
6	18.7	26.8	20.9	83.5	20.617	18.0	0.9	2.5	3.4	2.5
7	18.2	24.3	19.3	89.0	20.234	17.7	44.2	0.0	44.2	0.1
8	16.8	27.3	21.9	76.3	19.606	17.2	0.0	5.0	5.0	6.7
9	18.0	21.5	19.5	92.4	20.877	18.2	25.4	1.0	26.4	0.0
10	17.2	26.6	21.1	79.5	19.719	17.3	0.0	2.8	2.8	2.7
11	18.0	23.1	19.6	93.7	21.330	18.5	4.5	0.0	4.5	0.5
12	16.3	28.5	22.1	76.0	19.799	17.3	0.0	0.3	0.3	8.4
13	18.4	24.9	20.4	90.2	21.898	18.9	0.3	0.0	0.3	0.0
14	18.6	25.6	21.3	85.5	21.560	18.7	0.0	0.0	0.0	0.1
15	17.5	28.6	22.8	74.2	20.072	17.5	0.4	70.9	71.3	5.6
16	18.5	26.0	21.7	88.5	22.876	19.6	0.5	0.0	0.5	1.6
17	17.8	27.7	22.4	84.9	23.047	19.8	0.7	3.7	4.4	3.5
18	18.5	25.5	21.2	89.7	22.675	19.5	20.2	0.1	20.3	0.9
19	16.0	27.9	22.7	83.5	22.682	19.5	0.0	10.4	10.4	5.6
20	15.8	28.5	23.5	82.4	23.783	20.2	0.3	26.1	26.4	5.9
21	17.6	25.6	21.6	92.3	23.783	20.3	0.4	0.2	0.6	0.5
22	18.2	27.5	22.4	80.8	21.404	18.5	0.0	0.0	0.0	3.0
23	18.2	29.2	21.3	83.0	21.272	18.5	17.3	2.7	20.0	6.2
24	18.6	28.3	22.5	87.4	23.611	20.1	0.0	0.0	0.0	1.8
25	18.0	29.3	24.1	75.0	21.929	18.9	0.0	35.5	35.5	5.3
26	18.0	27.5	23.1	86.2	23.933	20.3	0.1	0.2	0.3	0.8
27	18.3	27.5	23.3	76.0	21.217	18.4	0.3	15.6	15.9	2.5
28	17.6	25.6	21.2	88.6	22.327	19.3	16.8	0.1	16.9	0.0
29	17.4	27.6	21.1	88.3	22.278	19.2	8.2	6.4	14.6	2.4
30	18.6	29.5	22.5	80.8	21.696	18.8	0.4	0.9	1.3	6.6
PROM.	17.7	27.1	21.8	82.9	21.498	18.6	141.3	189.1	330.4	98.8

ESTACION: NARANJAL

MUNICIPIO: CHINCHINA

AÑO: 1.983

ALTITUD: 1.400

LATITUD: 4-58 N.

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	18.2	28.0	21.6	86.0	22.029	19.0	1.4	0.1	1.5	5.8
2	18.2	28.5	22.3	70.9	18.797	16.5	0.0	0.9	0.9	3.3
3	17.0	28.0	21.9	80.2	20.759	18.1	0.1	0.0	0.1	4.3
4	17.0	28.0	21.6	78.5	20.062	17.5	0.4	0.0	0.4	2.2
5	17.6	28.4	21.6	85.5	21.753	18.8	0.0	0.0	0.0	3.2
6	18.5	26.6	21.5	84.6	21.707	18.8	0.0	1.2	1.2	0.7
7	18.6	26.6	21.9	86.1	22.629	19.5	0.6	0.0	0.6	0.0
8	17.0	29.7	22.3	78.7	20.706	18.0	0.0	0.0	0.0	5.1
9	17.0	30.0	22.4	76.1	20.316	17.7	3.1	1.3	4.4	8.5
10	17.8	29.7	22.9	78.8	21.714	18.8	0.0	0.3	0.3	7.3
11	20.4	29.5	23.0	77.8	21.659	18.7	0.2	0.2	0.4	4.1
12	19.5	27.8	22.4	81.6	22.005	19.0	0.4	0.0	0.4	3.6
13	17.0	28.0	22.2	81.4	21.611	18.7	1.0	0.0	1.0	3.6
14	17.5	28.7	22.3	76.8	20.862	18.2	0.0	42.9	42.9	5.1
15	19.2	28.7	21.4	89.8	22.868	19.6	0.7	36.2	36.9	0.8
16	16.0	25.4	19.4	90.5	20.348	17.8	5.4	0.5	5.9	1.0
17	17.4	28.7	22.0	76.2	19.840	17.3	0.0	16.8	16.8	6.7
18	18.2	25.3	20.0	83.2	19.779	17.3	0.7	9.4	10.1	0.2
19	17.5	27.3	21.2	83.4	20.887	18.2	0.0	0.0	0.0	3.8
20	16.0	27.0	20.5	84.9	20.283	17.6	0.3	0.0	0.3	3.7
21	17.4	27.0	20.4	80.8	19.485	17.1	1.5	4.4	5.9	5.5
22	16.5	28.3	20.0	82.0	19.407	17.0	11.2	0.0	11.2	6.6
23	16.6	28.0	21.1	83.5	21.203	18.4	17.5	53.9	71.4	5.4
24	17.6	26.6	22.2	81.3	21.205	18.4	0.0	0.0	0.0	4.7
25	18.6	26.8	22.5	77.7	21.262	18.5	0.0	9.3	9.3	4.7
26	19.0	29.2	21.9	82.2	21.469	18.6	10.8	5.3	16.1	5.2
27	17.5	28.2	21.1	83.5	21.005	18.3	6.1	1.2	7.3	3.3
28	19.0	25.5	20.6	89.1	22.000	19.0	9.4	13.7	23.1	0.1
29	17.7	28.3	21.3	81.2	20.333	17.8	0.4	0.0	0.4	5.2
30	18.5	28.6	21.8	79.8	21.067	18.3	0.0	0.6	0.6	5.6
31	18.5	28.0	22.3	78.0	21.450	18.6	0.7	1.2	1.9	5.2
PROM.	17.9	28.0	21.6	81.7	20.985	18.2	71.9	199.4	271.3	126.9

## 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	18.5	28.4	21.8	83.5	21.599	18.7	0.0	9.4	9.4	1.8
2	18.4	28.8	22.1	80.9	21.344	18.5	0.4	7.5	7.9	3.6
3	18.7	27.4	21.4	81.9	20.828	18.1	2.6	60.5	63.3	0.2
4	17.5	26.4	20.6	83.7	20.231	17.7	4.3	11.1	15.4	0.4
5	17.0	26.3	20.6	87.6	21.126	18.4	0.2	0.0	0.2	1.6
6	16.6	26.5	20.7	81.3	20.299	17.7	4.4	0.0	4.4	3.6
7	16.7	27.5	20.9	79.2	19.615	17.2	4.4	11.8	16.2	5.9
8	17.5	23.4	19.1	94.0	20.949	18.2	2.7	0.2	2.9	0.0
9	17.0	28.8	19.8	82.7	19.384	17.0	0.0	0.0	0.0	7.1
10	18.4	28.3	22.7	72.9	19.354	16.8	0.0	5.6	5.6	5.8
11	18.0	26.5	20.1	91.4	22.122	19.1	4.2	0.0	4.2	2.0
12	17.0	25.2	20.7	81.2	19.609	17.2	0.1	0.0	0.1	3.9
13	17.0	27.7	20.7	80.1	19.329	17.0	0.1	0.0	0.1	5.5
14	17.5	28.0	21.2	79.7	19.953	17.5	0.0	0.0	0.0	6.1
15	17.0	28.0	21.6	79.0	20.474	17.9	0.1	0.0	0.1	3.2
16	18.0	29.0	22.9	74.4	20.710	18.0	0.0	0.0	0.0	5.4
17	17.6	27.0	21.4	80.8	20.717	18.0	1.0	0.0	1.0	1.7
18	16.0	25.7	22.3	75.5	19.967	17.4	0.0	0.0	0.0	7.4
19	16.8	29.5	23.0	75.2	20.896	18.2	0.0	0.0	0.0	6.9
20	16.8	26.5	21.4	82.3	21.372	18.6	0.2	0.0	0.2	0.0
21	16.2	29.7	22.6	71.2	19.290	16.9	0.0	0.0	0.0	7.2
22	15.9	29.7	22.2	75.6	20.239	17.7	0.0	4.4	4.4	5.8
23	16.8	28.3	21.9	77.1	19.926	17.4	0.0	0.0	0.0	6.5
24	17.0	27.0	21.5	77.2	19.797	17.3	0.0	0.0	0.0	5.8
25	15.5	28.0	21.9	68.8	17.662	15.5	0.0	0.3	0.3	7.2
26	16.7	28.3	21.9	75.6	19.461	17.0	0.0	8.6	8.6	6.3
27	16.5	29.2	22.4	73.3	19.462	17.1	0.0	9.7	9.7	8.5
28	17.8	26.2	20.6	86.4	21.275	18.5	0.3	0.0	0.3	1.8
29	17.6	27.0	21.7	82.7	21.273	18.5	0.0	0.0	0.0	0.6
30	16.6	26.8	21.0	79.4	19.608	17.2	0.0	0.0	0.0	5.1
PROM.	17.2	27.7	21.4	79.8	20.262	17.7	25.2	129.1	154.3	126.9

ESTACION: NARANJAL  
 ALTITUD: 1.400

MUNICIPIO: CHINCHINA AÑO: 1.983  
 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	17.0	27.8	21.9	77.6	20.189	17.7	0.1	1.8	1.9	4.0
2	18.0	26.5	21.3	78.4	19.970	17.5	0.0	0.0	0.0	3.0
3	16.0	27.2	22.3	74.1	19.133	16.7	0.0	0.0	0.0	3.3
4	18.6	29.6	22.3	78.7	21.305	18.5	0.1	6.9	7.0	4.4
5	17.2	27.0	20.3	83.6	20.075	17.6	0.0	0.0	0.0	0.7
6	16.5	27.7	21.8	74.0	19.096	16.8	0.0	1.2	1.2	7.3
7	17.4	28.0	22.2	77.4	20.593	18.0	0.3	4.6	4.9	8.4
8	17.7	26.5	21.5	78.7	19.807	17.3	0.0	21.8	21.8	6.7
9	16.5	24.5	19.5	82.4	18.637	16.4	0.1	14.4	14.5	0.6
10	16.5	26.5	21.1	78.7	19.376	16.9	0.0	10.0	10.0	6.5
11	16.9	27.5	22.1	79.9	20.642	17.9	0.0	2.7	2.7	5.3
12	16.5	28.0	21.6	74.1	18.537	16.3	0.0	0.0	0.0	6.2
13	17.2	25.6	22.4	70.7	18.816	16.5	0.0	0.0	0.0	9.4
14	16.7	29.5	22.0	73.5	19.056	16.7	0.0	0.2	0.2	8.0
15	18.6	27.3	21.5	84.7	21.650	18.8	3.3	0.0	3.3	3.0
16	17.9	27.5	21.1	80.7	20.204	17.6	0.0	5.0	5.0	2.6
17	17.5	27.5	21.0	78.6	19.337	17.0	0.0	0.0	0.0	5.6
18	17.8	30.0	22.9	68.1	18.916	16.6	0.0	0.0	0.0	10.0
19	17.5	28.5	22.7	71.6	19.485	17.1	0.0	0.9	0.9	6.8
20	17.5	29.5	22.9	73.9	19.689	17.2	0.0	7.2	7.2	7.2
21	17.0	29.5	22.5	72.1	19.052	16.7	0.0	13.3	13.3	5.4
22	17.6	26.3	20.1	83.2	19.596	17.2	0.2	0.8	1.0	0.5
23	17.0	25.4	19.3	89.6	20.307	17.7	1.7	0.0	1.7	1.1
24	16.6	29.4	21.3	72.5	17.865	15.8	0.0	0.0	0.0	6.5
25	16.2	28.9	21.7	64.0	15.873	13.9	0.0	0.0	0.0	11.2
26	15.5	29.0	22.1	61.8	16.051	14.1	0.0	0.0	0.0	9.5
27	15.5	26.0	21.1	77.8	19.383	17.0	0.0	0.0	0.0	2.9
28	15.5	27.8	21.5	77.7	19.600	17.1	0.0	0.0	0.0	5.3
29	17.4	29.0	22.2	77.3	20.294	17.7	0.0	0.9	0.9	4.4
30	17.9	27.0	21.6	75.8	20.281	17.7	0.4	0.6	1.0	2.4
31	17.7	27.0	21.2	83.5	20.831	18.2	1.5	6.2	7.7	2.0
PROM.	17.1	27.8	21.6	76.7	19.473	17.0	7.7	98.5	106.2	160.4

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	18.0	26.5	20.7	87.6	21.470	18.6	0.8	3.7	4.5	2.4
2	17.5	27.3	21.1	80.8	20.235	17.7	3.0	0.0	3.0	3.3
3	17.8	27.0	21.2	76.8	19.396	17.0	0.0	0.0	0.0	2.4
4	15.3	28.0	21.9	74.9	19.470	17.1	0.0	16.1	16.1	5.7
5	17.0	22.0	19.2	96.0	21.346	18.5	2.7	0.3	3.0	0.6
6	16.6	26.8	20.8	79.1	18.967	16.6	0.1	22.1	22.2	4.9
7	17.3	27.7	21.5	74.8	18.822	16.6	0.0	0.1	0.1	5.3
8	15.7	28.0	21.0	74.9	18.262	16.1	0.0	0.0	0.0	6.1
9	15.3	29.3	21.9	68.6	17.986	15.8	0.0	0.0	0.0	6.6
10	16.8	29.0	22.5	70.5	19.145	16.8	0.0	0.0	0.0	6.8
11	15.2	29.2	22.1	66.8	17.291	15.2	0.0	0.0	0.0	8.6
12	17.2	28.3	21.7	77.3	19.988	17.5	0.8	0.0	0.8	4.7
13	15.5	30.5	22.1	70.0	17.965	15.8	0.0	0.0	0.0	7.0
14	15.5	30.5	20.7	68.6	17.500	15.2	0.0	0.0	0.0	9.6
15	16.4	30.5	22.8	69.9	19.010	16.7	0.0	0.0	0.0	6.5
16	17.3	29.2	23.1	70.1	19.265	16.9	0.0	0.0	0.0	5.3
17	17.3	28.6	22.3	71.6	18.919	16.6	0.0	0.0	0.0	5.5
18	17.3	28.7	20.6	87.0	21.149	18.4	4.7	0.0	4.7	2.2
19	17.0	26.2	20.0	82.6	19.429	17.0	0.6	0.0	0.6	1.8
20	16.0	29.5	22.1	72.5	18.927	16.6	0.0	0.0	0.0	6.9
21	17.0	29.5	21.7	76.2	19.203	16.6	0.1	0.2	0.3	3.5
22	17.2	30.5	23.4	69.4	19.187	16.8	0.0	0.0	0.0	8.4
23	17.6	30.0	22.6	80.2	21.816	18.9	0.0	7.5	7.5	2.6
24	17.8	26.5	22.1	79.4	20.427	17.9	0.0	0.0	0.0	2.0
25	16.8	26.5	21.2	80.2	20.132	17.6	0.0	11.5	11.5	2.1
26	18.0	26.6	21.3	82.8	20.968	18.3	0.0	2.9	2.9	1.3
27	17.5	27.5	21.8	76.2	19.420	17.0	0.3	21.3	21.6	4.2
28	17.6	25.5	20.5	86.5	20.720	18.0	2.4	0.0	2.4	1.3
29	17.7	26.2	19.8	85.8	20.089	17.6	4.0	4.6	8.6	1.1
30	18.0	28.0	21.2	79.8	19.816	17.3	0.0	0.0	0.0	4.5
31	16.0	28.3	21.8	72.1	18.423	16.2	0.0	0.0	0.0	8.1
PROM.	16.9	28.0	21.5	77.1	19.508	17.1	19.5	90.3	109.8	141.3

ESTACION: NARANJAL

MUNICIPIO: CHINCHINA

AÑO: 1983

ALTITUD: 1.400

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	17.0	29.0	21.9	76.7	19.772	17.3	0.0	4.1	4.1	7.0
2	18.7	29.0	22.3	79.5	21.034	18.3	0.7	8.4	9.1	4.2
3	17.7	26.0	20.7	85.1	20.893	18.2	0.0	0.0	0.0	2.1
4	18.0	28.3	22.1	77.8	20.442	17.9	0.0	19.6	19.6	7.9
5	17.6	27.0	20.8	82.6	20.350	17.8	2.1	45.3	47.4	5.2
6	17.6	24.2	20.1	85.0	19.907	17.4	0.2	25.8	26.0	0.4
7	17.8	25.2	20.4	85.6	20.570	17.9	1.3	0.0	1.3	1.3
8	17.2	25.2	20.8	74.8	18.257	16.1	0.2	4.0	4.2	4.4
9	17.6	26.5	20.5	82.5	19.909	17.4	0.9	0.0	0.9	3.8
10	17.0	25.5	19.6	86.5	19.913	17.4	2.5	0.3	2.8	1.6
11	17.8	26.0	20.8	81.3	19.857	17.4	0.0	0.0	0.0	3.6
12	16.4	27.8	21.5	73.2	18.289	16.1	0.0	0.0	0.0	5.8
13	16.0	26.0	20.7	80.9	19.743	17.3	0.0	13.4	13.4	5.1
14	17.8	26.0	21.0	81.5	19.976	17.4	0.0	0.0	0.0	3.6
15	17.5	27.0	20.8	80.3	19.705	17.2	0.6	0.0	0.6	5.0
16	17.3	27.5	20.2	82.3	19.789	17.4	17.8	14.5	32.3	3.2
17	17.4	27.3	20.4	82.8	19.534	17.5	0.0	0.0	0.0	3.1
18	16.8	27.6	21.0	77.6	19.099	16.8	0.2	0.1	0.3	5.1
19	16.7	27.5	20.5	79.6	18.887	16.5	1.4	0.0	1.4	7.0
20	17.5	26.0	21.9	77.8	20.079	17.6	0.0	0.3	0.3	3.7
21	17.6	27.2	20.7	81.7	19.845	17.4	0.0	4.6	4.6	4.7
22	16.9	26.1	19.9	78.2	18.188	16.0	0.0	0.0	0.0	5.5
23	15.0	28.5	21.4	74.5	18.712	16.4	0.0	0.2	0.2	8.2
24	17.6	27.8	22.0	75.7	20.947	18.2	0.0	0.0	0.0	5.1
25	15.8	27.6	22.4	70.1	18.338	16.1	0.0	0.0	0.0	4.6
26	16.8	28.5	22.0	77.4	20.547	17.9	0.0	0.0	0.0	3.4
27	16.9	25.7	22.5	71.9	19.217	16.9	0.0	1.9	1.9	6.3
28	18.5	27.2	21.4	80.2	20.357	17.8	0.0	0.0	0.0	1.4
29	17.0	27.3	21.5	81.1	20.983	18.3	0.0	2.5	2.5	4.0
30	16.6	27.6	22.0	81.1	21.327	18.5	0.1	0.0	0.1	3.9
PROM.	17.2	27.1	21.1	79.6	19.830	17.3	28.0	145.0	173.0	132.4

## 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	17.4	27.8	21.5	79.4	20.083	17.6	0.0	0.0	0.0	3.3
2	17.2	27.4	21.9	81.4	21.522	18.7	1.7	37.3	39.0	3.4
3	15.5	26.0	20.1	86.7	20.445	17.8	0.6	1.7	2.3	3.9
4	15.8	27.2	21.9	78.5	20.290	17.7	0.0	10.5	10.5	3.2
5	17.0	29.3	21.5	80.2	20.470	17.9	0.3	0.0	0.3	5.0
6	16.7	28.5	21.4	78.4	19.782	17.3	0.0	0.0	0.0	5.5
7	16.0	25.5	20.7	79.0	19.208	16.9	0.0	0.0	0.0	0.0
8	16.5	27.7	21.6	75.4	19.439	17.1	0.0	0.1	0.1	5.6
9	17.5	27.7	21.3	86.2	21.794	18.8	0.8	58.8	59.6	4.1
10	17.4	27.7	20.7	82.8	20.326	17.7	0.0	3.9	3.9	3.4
11	17.0	25.6	19.8	91.2	21.528	18.7	1.3	0.0	1.3	0.7
12	17.6	27.3	21.5	76.3	19.250	16.8	0.0	23.1	23.1	3.5
13	17.6	25.0	20.2	81.5	19.237	16.9	0.0	0.1	0.1	2.7
14	17.0	24.7	19.1	86.9	19.588	17.2	4.3	0.9	5.2	0.3
15	17.0	22.6	18.3	92.6	19.555	17.2	4.6	5.8	10.4	0.0
16	15.5	26.2	19.7	84.4	19.279	16.9	0.5	0.1	0.6	1.5
17	16.8	27.0	20.5	75.1	18.125	15.9	0.0	0.0	0.0	9.3
18	15.4	28.5	21.3	75.2	19.307	16.9	0.0	0.0	0.0	9.2
19	17.6	23.6	18.7	94.1	20.257	17.7	19.1	1.2	20.3	0.1
20	16.0	26.5	20.2	80.0	18.600	16.3	0.1	39.5	39.6	4.2
21	16.7	25.0	19.6	83.9	19.469	17.1	0.0	0.0	0.0	3.4
22	15.5	27.6	20.3	77.5	18.170	16.0	0.0	0.0	0.0	6.3
23	17.2	28.4	20.9	79.7	19.341	17.0	0.2	0.0	0.2	6.3
24	17.8	27.5	21.5	78.2	20.040	17.5	0.0	0.0	0.0	7.7
25	17.2	24.8	19.9	87.3	20.694	18.1	0.8	0.0	0.8	1.5
26	15.0	27.2	20.7	79.2	18.946	16.6	1.8	1.5	3.3	6.3
27	17.2	26.0	21.1	81.9	20.427	17.8	0.0	0.0	0.0	1.3
28	16.5	25.5	20.4	83.5	20.212	17.7	0.0	28.8	28.8	0.8
29	16.6	25.7	19.1	90.2	19.961	17.5	1.4	18.7	20.1	2.5
30	17.5	22.4	19.1	95.4	21.215	18.4	8.2	0.6	8.8	0.2
31	16.8	26.8	19.9	81.8	18.753	16.4	8.1	0.0	8.1	5.6
PROM.	16.7	26.4	20.5	82.7	19.849	17.4	53.8	232.6	286.4	110.8

ESTACION: NARANJAL

MUNICIPIO: CHINCHINA AÑO: 1.983

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	17.4	28.0	21.8	76.8	19.702	17.2	0.0	13.3	13.3	8.6
2	17.7	25.0	20.5	88.0	21.415	18.6	0.0	8.5	8.5	3.2
3	17.0	28.5	22.0	77.2	20.331	17.8	0.0	2.6	2.6	5.4
4	16.5	27.7	20.9	75.5	18.414	16.1	0.0	0.0	0.0	7.5
5	16.3	28.0	21.7	77.5	20.124	17.6	0.0	0.2	0.2	6.5
6	16.8	26.5	21.1	80.7	20.222	17.7	0.0	0.0	0.0	3.2
7	16.0	28.0	21.1	77.5	19.280	16.9	0.0	1.1	1.1	6.6
8	17.5	23.8	20.2	89.4	21.343	18.5	0.0	0.0	0.0	0.0
9	17.0	28.0	19.2	80.3	17.775	15.6	0.0	38.2	38.2	6.5
10	15.2	26.5	17.6	77.7	15.948	13.9	2.3	0.0	2.3	4.8
11	15.2	25.0	19.5	84.5	19.776	17.3	2.3	0.2	2.5	4.3
12	16.3	27.0	19.1	82.6	18.306	16.0	2.5	0.0	2.5	5.3
13	15.0	27.2	20.6	76.1	18.538	16.3	0.0	0.3	0.3	6.2
14	14.5	26.3	19.8	78.2	18.078	15.9	0.9	2.8	3.7	6.6
15	15.4	27.2	19.9	76.5	17.566	15.5	0.0	0.9	0.9	5.9
16	16.5	27.0	20.3	77.5	18.301	16.1	0.0	0.0	0.0	5.3
17	16.7	27.0	20.1	80.8	19.091	16.7	0.4	0.0	0.4	5.2
18	16.0	26.8	21.8	80.4	20.361	17.7	0.0	0.0	0.0	6.7
19	16.8	27.4	22.0	78.8	20.847	18.2	0.0	0.0	0.0	7.1
20	17.2	28.0	21.9	75.0	20.114	17.6	0.0	0.0	0.0	4.5
21	16.5	27.5	22.4	77.8	20.872	18.2	0.0	10.7	10.7	3.1
22	17.5	26.7	21.8	81.3	20.904	18.2	0.0	9.8	9.8	4.7
23	17.9	26.5	20.4	84.5	20.439	17.9	0.0	0.0	0.0	4.9
24	16.2	26.2	20.2	85.7	20.592	18.0	1.9	0.0	1.9	6.0
25	16.0	27.5	20.7	77.6	18.749	16.5	0.0	6.9	6.9	8.1
26	17.8	27.4	20.7	80.2	19.742	17.3	0.0	4.6	4.6	3.9
27	14.7	25.7	19.9	82.7	19.577	17.1	2.1	8.6	10.7	5.9
28	17.3	26.0	20.5	83.6	20.051	17.5	3.5	2.3	5.8	2.6
29	16.4	25.4	20.7	85.5	20.999	18.3	0.0	15.8	15.8	2.0
30	15.9	24.7	19.3	86.2	19.451	17.1	23.4	0.4	23.8	0.9
PROM.	16.4	26.8	20.6	80.5	19.564	17.1	39.3	127.2	166.5	151.7

## 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	15.7	26.0	19.3	81.8	18.533	16.3	0.0	0.0	0.0	5.5
2	15.7	26.6	20.4	77.3	18.467	16.2	0.0	11.9	11.9	5.5
3	16.8	25.5	20.6	83.4	20.323	17.8	0.4	4.2	4.6	2.1
4	17.2	23.6	19.7	87.3	19.955	17.5	0.0	5.3	5.3	1.0
5	17.2	22.0	18.8	92.1	20.051	17.6	1.1	20.7	21.8	0.3
6	16.5	25.2	19.5	82.3	18.760	16.5	0.7	5.6	6.3	3.3
7	16.4	25.2	18.6	80.7	17.431	15.4	0.0	0.0	0.0	5.0
8	14.5	26.2	18.3	76.4	16.213	14.2	2.7	0.0	2.7	6.0
9	14.9	26.4	19.6	79.2	17.921	15.8	0.0	1.8	1.8	4.2
10	16.0	25.7	18.4	83.8	17.863	15.7	3.8	0.0	3.8	3.0
11	14.0	26.6	19.5	78.9	17.619	15.6	0.0	0.0	0.0	4.8
12	15.5	25.8	19.1	79.7	17.922	15.8	0.5	0.1	0.6	5.3
13	14.3	25.5	20.1	78.8	18.174	16.0	0.1	0.0	0.1	5.2
14	16.0	24.6	19.5	84.7	19.235	16.9	3.4	0.0	3.4	1.7
15	15.5	26.0	20.1	79.5	18.828	16.5	0.4	0.1	0.5	5.7
16	15.8	24.8	20.3	81.0	19.223	16.9	1.0	0.0	1.0	1.4
17	16.0	22.1	18.0	92.6	19.665	17.2	1.4	0.0	1.4	1.6
18	14.8	26.0	19.9	80.8	18.947	16.6	1.6	30.7	32.3	6.6
19	15.0	25.5	19.7	79.7	17.873	15.7	0.0	4.3	4.3	7.6
20	16.8	24.2	19.7	78.5	17.771	15.7	0.0	37.6	37.6	3.8
21	16.2	25.4	21.2	75.3	18.332	16.0	0.0	0.0	0.0	6.0
22	17.2	27.2	20.5	80.3	19.315	16.9	0.0	0.0	0.0	4.3
23	16.2	25.4	20.8	79.8	19.631	17.2	0.0	0.0	0.0	3.9
24	16.5	27.7	21.6	73.2	18.626	16.4	0.0	1.6	1.6	7.2
25	15.3	27.9	21.3	69.4	17.477	15.3	0.0	0.0	0.0	7.5
26	16.5	25.5	19.1	82.4	18.434	16.2	2.0	0.1	2.1	0.6
27	15.3	26.6	20.0	75.5	17.458	15.4	0.0	0.0	0.0	6.9
28	15.6	27.3	21.3	72.4	17.968	15.7	0.0	9.9	9.9	7.2
29	17.5	24.6	19.9	83.8	19.808	17.3	0.0	0.6	0.6	1.5
30	16.6	24.1	19.0	85.4	19.187	16.8	1.7	1.2	2.9	1.0
31	16.0	26.0	19.5	82.2	18.665	16.4	0.6	4.8	5.4	5.3
PROM.	15.9	25.5	19.8	80.6	18.571	16.3	21.4	140.5	161.9	131.0

ESTACION: NARANJAL

MUNICIPIO CHINCHINA

AÑO: 1933

ALTITUD: 1.400

LATITUD: 4-58 N.

LONGITUD: 75-42 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 Huvias	
ENERO	17.8	27.7	22.2	16.4	29.6	75.0	19.645	17.2	134.8	15	196.4
FEBRERO	17.8	28.7	22.8	16.4	30.7	72.0	19.387	17.0	105.1	10	179.1
MARZO	17.9	28.0	22.0	16.6	30.6	77.4	20.180	17.6	265.5	21	137.0
ABRIL	17.7	27.1	21.8	15.8	29.8	82.9	21.498	18.6	330.4	24	98.8
MAYO	17.9	28.0	21.6	16.0	30.0	81.7	20.965	18.2	271.3	27	126.9
JUNIO	17.2	27.7	21.4	15.5	29.7	79.8	20.262	17.7	154.3	20	126.9
JULIO	17.1	27.8	21.6	15.5	30.0	76.7	19.473	17.0	106.2	19	160.4
AGOSTO	16.9	28.0	21.5	15.2	30.5	77.1	19.508	17.1	109.8	16	141.3
SEPTIEMBRE	17.2	27.1	21.1	15.0	29.7	79.6	19.830	17.3	173.0	20	132.4
OCTUBRE	16.7	26.4	20.5	15.0	29.3	82.7	19.849	17.4	286.4	22	110.8
NOVIEMBRE	16.4	26.8	20.6	14.5	28.5	80.5	19.564	17.1	166.5	22	151.7
DICIEMBRE	15.9	25.5	19.8	14.0	27.9	80.6	18.571	16.3	161.9	23	131.0
PROMEDIO	17.2	27.4	21.4	15.5	29.7	78.8	19.896	17.4			
TOTAL									2265.2	239	1692.7

ESTACION: LA FLORIDA

MUNICIPIO: PCPAYAN

AÑO: 1.983

ALTITUD: 1.850

LATITUD: 2-27 N.

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	12.6	26.0	18.4	69.3	14.565	12.5	0.0	0.0	0.0	8.0
2	13.3	25.6	18.8	74.4	16.450	14.4	0.1	13.4	13.5	7.1
3	14.6	23.0	17.9	83.7	17.336	15.2	24.2	0.0	24.2	0.9
4	14.6	23.0	18.1	74.6	15.361	13.4	0.0	0.0	0.0	0.7
5	13.0	25.0	17.3	77.8	15.267	13.3	9.4	0.0	9.4	4.2
6	15.0	24.0	19.1	76.9	16.707	14.7	0.0	0.0	0.0	4.6
7	14.0	25.0	18.0	75.1	15.567	13.5	0.7	0.0	0.7	4.1
8	13.0	25.0	18.8	73.7	16.095	14.0	0.0	0.0	0.0	6.8
9	12.0	26.0	19.0	73.7	16.281	14.2	0.0	0.0	0.0	8.5
10	13.0	26.6	19.4	68.5	14.823	12.8	0.0	0.0	0.0	7.8
11	14.3	25.0	19.6	72.5	16.440	14.4	0.0	0.0	0.0	5.8
12	13.2	22.0	17.1	73.5	14.417	12.4	0.0	0.0	0.0	2.3
13	13.2	26.0	18.3	66.7	14.275	12.1	0.6	0.0	0.6	6.8
14	13.6	27.0	19.0	68.5	14.974	12.9	0.0	0.0	0.0	6.2
15	14.3	27.0	18.8	77.7	17.289	15.2	11.9	0.0	11.9	8.0
16	14.3	25.0	19.3	74.1	16.474	14.3	0.7	0.0	0.7	4.9
17	13.0	26.0	19.1	71.7	15.656	13.7	0.0	0.0	0.0	7.3
18	12.8	25.0	19.2	67.3	14.768	12.6	0.0	0.0	0.0	7.9
19	12.8	27.0	19.4	67.4	15.035	13.0	0.0	0.0	0.0	8.1
20	14.6	26.0	20.8	74.4	18.028	15.7	0.0	0.0	0.0	6.2
21	14.5	26.0	19.4	68.8	15.276	13.2	0.0	0.0	0.0	6.0
22	13.7	27.1	18.8	69.0	14.989	12.9	0.0	0.0	0.0	9.6
23	12.4	27.4	15.8	59.3	13.555	11.4	0.0	0.0	0.0	10.8
24	12.5	27.0	18.8	65.3	13.982	11.8	0.0	0.0	0.0	7.2
25	14.2	27.0	19.9	68.3	15.586	13.5	0.0	0.0	0.0	7.8
26	13.6	25.8	19.1	73.5	16.111	14.0	0.2	0.5	0.7	5.0
27	14.8	24.0	17.3	81.1	16.255	14.2	6.1	0.0	6.1	1.6
28	13.2	26.6	18.9	74.5	16.057	13.9	0.2	0.6	0.8	7.6
29	15.4	24.6	19.9	78.2	17.930	15.7	0.7	11.9	12.6	2.3
30	15.0	25.0	18.8	74.3	16.295	14.3	0.0	10.1	10.1	5.4
31	14.3	25.0	17.6	80.3	16.434	14.4	37.9	0.0	37.9	3.3
PROM.	13.7	25.5	18.8	72.7	15.753	13.7	92.7	36.5	129.2	184.8

## 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	13.6	26.0	17.8	73.5	15.102	13.1	28.3	0.0	28.3	5.9
2	13.2	26.0	19.0	68.1	14.841	12.8	0.0	0.0	0.0	4.6
3	13.6	28.0	19.8	64.8	14.907	12.7	0.0	0.0	0.0	6.8
4	13.5	27.0	20.3	65.9	15.479	13.3	0.0	0.0	0.0	5.7
5	14.3	25.6	19.1	72.6	15.934	13.9	10.1	11.6	21.7	5.2
6	14.6	26.0	19.2	73.1	15.915	13.9	0.0	38.9	38.9	2.6
7	14.4	23.0	17.1	78.8	15.322	13.3	9.7	4.6	10.3	2.0
8	14.3	24.0	17.8	75.5	15.331	13.4	13.5	4.1	17.6	4.3
9	13.6	25.6	18.8	76.2	16.223	14.2	1.0	26.8	27.8	8.6
10	14.5	25.0	18.0	76.2	15.705	13.7	1.0	0.0	1.0	6.5
11	13.0	26.0	18.1	70.3	14.338	12.2	6.1	0.0	6.1	7.7
12	12.4	26.0	18.9	62.0	13.258	11.0	0.0	0.0	0.0	10.4
13	11.6	26.0	18.8	59.6	12.769	10.2	0.9	0.0	0.9	8.2
14	13.2	25.0	19.2	65.7	14.054	11.8	0.0	0.0	0.0	6.7
15	14.0	26.0	20.3	68.7	15.975	13.8	0.0	0.9	0.9	3.0
16	15.0	25.0	19.5	66.5	15.252	13.2	0.0	0.0	0.0	4.1
17	13.2	25.0	19.5	60.7	13.451	11.2	0.0	0.0	0.0	4.5
18	15.3	24.0	18.8	77.6	16.707	14.6	1.0	0.2	1.2	3.1
19	14.2	25.6	20.1	57.8	13.337	11.2	0.0	0.0	0.0	0.0
20	12.5	25.6	18.6	63.1	13.201	11.0	0.0	0.0	0.0	0.0
21	14.8	23.4	18.6	74.6	15.979	14.0	0.0	0.0	0.0	0.0
22	13.8	24.0	19.3	74.1	16.597	14.5	0.0	0.0	0.0	0.0
23	14.8	26.2	19.9	73.6	16.741	14.7	0.0	0.0	0.0	0.0
24	14.8	25.0	18.5	71.8	15.230	13.3	0.0	0.0	0.0	0.0
25	14.8	26.3	20.0	58.8	13.555	11.5	0.0	0.0	0.0	0.0
26	14.3	25.1	19.2	65.0	14.315	12.3	0.0	0.0	0.0	0.0
27	14.8	27.0	20.5	69.4	16.487	14.4	0.0	0.0	0.0	0.0
28	16.0	26.0	20.2	70.6	16.880	14.8	0.0	0.4	0.4	0.0
PROM.	14.0	25.5	19.1	69.1	15.107	13.0	121.6	87.5	209.1	

ESTACION: LA FLORIDA

MUNICIPIO: PEPAYAN

AÑO:

1.983

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	15.0	26.0	19.3	76.3	17.209	15.1	0.0	0.0	0.0	
2	13.5	27.0	19.9	73.6	16.656	14.6	0.2	45.8	46.0	
3	15.5	25.0	19.5	78.9	17.567	15.8	3.5	0.0	3.5	3.2
4	13.3	26.4	18.8	70.5	15.281	13.2	9.2	0.0	9.2	6.3
5	13.3	26.2	19.2	71.1	15.871	13.8	10.3	0.4	10.7	6.2
6	14.5	25.0	18.7	78.3	16.814	14.8	1.1	0.0	1.1	2.7
7	15.4	26.0	19.1	75.5	16.485	14.5	0.0	32.5	32.5	4.3
8	15.3	23.0	18.6	80.3	17.104	15.0	2.3	2.5	4.8	1.9
9	15.5	22.4	18.3	82.5	17.313	15.2	0.6	5.7	6.3	0.2
10	15.5	20.0	17.6	86.2	17.473	15.4	17.3	0.0	17.3	0.0
11	13.8	25.4	18.4	77.1	16.443	14.4	10.2	0.0	10.2	3.9
12	13.0	26.3	19.0	70.0	15.458	13.3	0.0	0.0	0.0	7.7
13	13.2	26.3	19.6	69.9	15.537	13.5	0.0	0.0	0.0	7.7
14	15.5	21.0	17.8	83.8	16.925	14.9	2.8	0.0	2.8	1.7
15	13.6	25.1	19.5	65.5	14.556	12.5	0.0	0.0	0.0	4.8
16	13.6	26.4	21.3	66.2	16.333	14.0	0.0	0.0	0.0	8.5
17	14.5	26.0	19.1	74.6	16.565	14.4	2.6	0.0	2.6	5.2
18	15.5	26.0	19.8	74.5	17.135	15.1	0.0	0.0	0.0	5.7
19	13.5	26.3	21.2	66.4	16.578	14.4	0.0	0.0	0.0	5.9
20	13.5	28.3	19.8	62.1	14.175	12.0	0.0	0.0	0.0	9.5
21	14.0	26.3	18.4	73.1	15.500	13.5	3.3	0.0	3.3	6.6
22	14.6	25.3	19.9	67.2	15.275	13.1	0.0	0.0	0.0	5.4
23	14.6	25.4	19.1	75.0	16.362	14.4	0.0	0.0	0.0	5.5
24	15.0	24.0	19.2	74.1	16.274	14.3	0.0	0.0	0.0	0.1
25	15.6	22.0	17.4	83.1	16.831	14.8	5.7	0.0	5.7	0.1
26	12.6	24.0	18.1	74.5	15.363	13.4	0.0	88.6	88.6	2.7
27	14.0	24.0	17.8	75.9	15.326	13.4	0.0	0.0	0.0	4.0
28	12.3	26.0	18.8	73.9	15.693	13.8	35.5	0.0	35.5	5.4
29	14.5	24.3	17.7	79.7	16.611	14.6	19.0	0.0	19.0	2.2
30	12.0	25.0	18.1	73.1	15.070	13.1	0.0	0.0	0.0	4.4
31	13.2	24.3	20.3	58.8	13.671	11.6	0.0	0.0	0.0	4.2
PROM.	14.2	25.0	19.0	73.9	16.131	14.1	123.6	175.5	299.1	

## 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	13.0	26.0	19.6	71.6	15.961	13.7	0.0	0.0	0.0	6.2
2	12.6	25.0	18.6	73.0	15.704	13.6	0.0	0.0	0.0	3.1
3	12.5	25.8	20.3	70.7	16.570	14.4	1.2	0.0	1.2	3.7
4	13.1	25.0	18.3	76.5	16.202	14.1	0.0	0.0	0.0	5.6
5	13.8	27.0	19.3	71.2	16.005	13.9	0.4	0.4	0.8	6.5
6	14.5	24.0	18.1	80.1	16.673	14.7	21.1	10.5	31.6	1.7
7	14.5	22.6	17.4	80.0	16.009	14.0	13.9	11.2	25.1	0.3
8	14.6	24.6	18.8	73.3	15.777	13.8	1.2	30.9	32.1	1.8
9	14.4	18.6	16.6	86.7	16.207	14.2	11.2	0.0	11.2	0.0
10	14.6	22.3	17.5	87.3	17.623	15.5	15.2	0.3	15.5	0.7
11	14.5	22.3	18.3	80.9	16.783	14.8	0.4	2.1	2.5	1.7
12	14.5	25.2	17.7	77.0	15.766	13.8	5.9	30.5	36.4	4.5
13	14.5	23.0	17.9	80.2	16.661	14.7	17.9	1.9	19.8	1.4
14	14.6	24.3	18.8	81.4	17.670	15.5	11.9	0.0	11.9	1.4
15	14.5	23.3	18.2	85.0	17.813	15.6	5.4	0.4	5.8	0.0
16	14.5	23.0	18.3	79.3	16.790	14.7	0.0	0.0	0.0	0.0
17	14.5	24.0	18.4	78.6	16.862	14.8	5.2	0.0	5.2	0.0
18	13.4	23.0	16.5	83.3	15.847	13.8	7.4	0.0	7.4	0.0
19	11.0	26.0	18.8	74.8	15.713	13.6	0.0	0.0	0.0	0.0
20	14.7	25.0	18.6	75.8	16.490	14.4	7.4	0.7	8.1	3.3
21	15.0	23.3	18.1	79.5	16.643	14.6	2.1	30.4	32.5	1.0
22	14.4	24.3	18.7	76.4	16.308	14.3	0.0	0.0	0.0	4.2
23	12.2	25.0	19.2	70.7	15.566	13.5	0.2	0.0	0.2	7.9
24	15.0	23.3	19.0	78.6	17.040	15.0	0.7	0.0	0.7	1.5
25	12.6	25.6	18.9	69.6	15.152	13.1	0.2	0.0	0.2	5.1
26	15.0	23.3	18.8	78.9	17.132	15.1	4.8	0.0	4.8	0.7
27	14.0	25.0	18.9	74.0	15.987	14.0	0.0	0.0	0.0	3.3
28	14.4	24.4	17.8	76.5	15.812	13.8	23.2	0.0	23.2	2.8
29	14.6	24.5	18.0	73.8	15.062	13.1	22.5	1.4	23.9	3.5
30	14.5	26.0	18.6	76.8	16.324	14.3	0.0	0.0	0.0	3.2
PROM.	14.0	24.2	18.4	77.4	16.339	14.3	179.4	120.7	300.1	75.1

ESTACION: LA FLORIDA  
 ALTITUD: 1.850

MUNICIPIO: PCPAYAN  
 LATITUD: 2-27 N.

AÑO: 1.963  
 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	15.0	25.0	19.6	74.7	16.839	14.7	0.4	0.1	0.5	4.1
2	14.6	25.5	18.6	76.8	16.639	14.6	0.0	0.0	0.0	1.8
3	13.0	26.8	19.8	74.1	16.877	14.7	2.5	0.0	2.5	7.5
4	15.3	24.5	18.3	80.3	17.020	15.0	0.2	0.0	0.2	1.0
5	14.5	25.0	18.5	73.5	15.835	13.8	2.8	2.7	5.5	3.5
6	14.5	24.0	18.3	78.8	16.746	14.7	0.0	0.0	0.0	3.5
7	15.6	23.0	18.1	82.2	17.311	15.2	0.0	0.0	0.0	1.5
8	12.5	26.4	19.5	67.8	15.027	13.0	0.0	0.0	0.0	9.2
9	13.5	27.0	20.0	70.4	16.292	14.2	0.0	0.3	0.3	7.3
10	15.0	27.0	20.6	57.1	13.405	11.3	0.0	0.0	0.0	7.4
11	14.3	25.3	19.0	77.7	17.065	14.9	0.0	0.0	0.0	2.7
12	15.0	24.6	18.4	70.3	14.959	12.9	0.0	0.0	0.0	2.6
13	13.3	25.3	18.8	70.8	15.208	13.2	0.0	0.0	0.0	5.7
14	14.5	26.3	20.5	65.6	15.675	13.7	0.0	0.0	0.0	4.2
15	15.3	25.0	19.1	76.7	17.145	15.1	0.0	0.0	0.0	2.1
16	15.6	23.6	18.3	78.2	16.557	14.5	4.1	0.0	4.1	0.9
17	14.5	24.3	18.4	74.7	15.924	13.9	3.0	7.0	7.0	3.1
18	14.5	23.3	17.8	80.5	16.376	14.4	4.0	0.0	4.0	0.9
19	14.3	25.4	18.4	77.7	16.603	14.6	3.1	0.0	3.1	3.3
20	15.0	23.0	17.0	77.7	15.266	13.3	19.5	0.0	19.5	2.5
21	13.0	25.0	18.1	71.3	14.678	12.7	31.3	0.0	31.3	5.0
22	14.0	25.6	18.3	76.0	15.892	13.9	2.7	0.0	2.7	5.2
23	13.4	26.0	18.6	73.1	15.754	13.7	0.0	0.0	0.0	5.3
24	15.0	24.3	19.8	75.5	17.330	15.2	0.0	0.1	0.1	3.1
25	15.6	25.0	19.8	73.7	16.805	14.7	0.0	0.0	0.0	2.1
26	13.4	26.0	19.2	75.1	16.531	14.4	0.5	2.9	3.4	5.0
27	15.4	25.0	19.2	78.6	17.433	15.3	0.0	0.0	0.0	4.9
28	14.5	24.0	18.3	76.1	16.176	14.2	0.1	0.9	1.0	1.9
29	13.4	24.0	18.3	78.9	16.499	14.5	0.0	0.0	0.0	2.6
30	13.5	25.4	19.4	73.3	16.285	14.1	5.5	1.0	6.5	7.7
31	12.6	25.0	18.3	70.3	14.833	12.8	0.0	0.0	0.0	8.5
PROM.	14.3	25.0	18.8	74.4	16.161	14.1	76.7	15.0	91.7	126.4

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	13.5	24.2	18.3	74.8	15.814	13.8	0.1	0.0	0.1	3.3
2	14.5	24.0	18.4	78.7	16.763	14.7	0.0	0.0	0.0	3.6
3	14.5	22.0	17.2	80.5	15.853	13.9	3.2	0.0	3.2	0.1
4	13.5	23.0	18.4	79.0	15.444	13.4	0.7	0.4	1.1	2.7
5	15.0	23.3	18.0	73.2	16.305	14.3	8.2	0.0	8.2	1.2
6	13.4	24.0	17.9	67.9	13.956	11.8	0.0	0.0	0.0	6.1
7	12.5	24.0	17.8	76.8	15.498	13.5	0.0	2.1	2.1	5.6
8	14.5	21.6	16.6	82.0	15.767	13.8	12.5	0.0	12.5	0.0
9	11.3	25.6	17.3	72.9	14.347	12.3	0.0	0.0	0.0	9.7
10	12.5	25.6	18.1	68.3	14.472	12.4	0.7	0.0	0.7	7.2
11	13.4	23.0	17.0	78.7	15.288	13.3	0.0	0.0	0.0	3.1
12	12.5	25.6	18.3	71.0	14.833	12.7	0.0	0.0	0.0	6.9
13	14.5	25.0	18.3	77.7	16.555	14.6	0.2	0.0	0.2	3.0
14	13.0	27.3	19.9	68.9	15.535	13.5	0.0	0.0	0.0	7.7
15	14.5	25.6	20.3	58.2	13.565	11.5	0.0	0.0	0.0	7.0
16	12.5	26.8	19.1	72.8	15.497	13.4	0.0	0.0	0.0	4.2
17	12.5	26.6	18.6	65.1	13.541	11.4	0.0	0.0	0.0	6.6
18	12.0	27.8	20.3	54.2	11.957	9.6	0.0	0.0	0.0	10.1
19	11.8	30.0	19.5	58.6	13.122	10.9	0.0	0.0	0.0	11.3
20	13.0	26.6	18.9	64.6	13.715	11.6	0.0	0.0	0.0	6.7
21	14.0	27.8	20.1	53.7	12.844	10.7	0.0	0.0	0.0	10.4
22	13.0	27.0	20.2	57.0	13.396	11.3	0.0	0.6	0.6	7.4
23	13.0	27.0	19.6	54.7	11.828	9.4	0.0	0.0	0.0	9.1
24	13.6	27.4	18.8	55.2	11.885	9.5	0.0	0.0	0.0	7.1
25	12.0	27.0	18.5	70.5	16.213	13.5	0.0	0.0	0.0	10.5
26	14.6	26.0	18.7	61.1	13.066	10.9	0.0	0.0	0.0	7.3
27	12.6	26.0	18.8	60.3	12.877	10.7	0.0	0.0	0.0	9.2
28	12.6	26.0	18.9	70.8	15.120	13.0	0.0	0.0	0.0	5.3
29	14.0	24.3	18.1	80.5	16.439	14.3	0.3	0.0	0.3	3.1
30	13.0	26.4	18.4	58.2	11.877	9.5	0.0	0.0	0.0	6.8
PROM.	13.2	25.6	18.6	68.2	14.449	12.3	25.9	3.1	29.0	182.3

ESTACION: LA FLORIDA  
 ALTITUD: 1.850

MUNICIPIO: PCPAYAN

AÑO: 1.983

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	13.0	26.0	19.8	68.1	16.313	13.2	0.0	0.0	0.0	3.4
2	13.0	26.0	19.8	67.5	15.318	13.3	0.0	0.0	0.0	6.3
3	13.1	28.0	19.8	63.5	14.413	12.4	0.0	0.0	0.0	8.0
4	12.5	24.3	18.9	67.5	14.633	12.8	0.0	0.0	0.0	3.5
5	13.6	25.3	16.9	69.0	13.711	11.6	0.3	0.0	0.3	5.0
6	12.0	26.3	18.8	66.8	14.384	12.2	0.0	0.0	0.0	8.6
7	13.4	25.0	19.1	72.8	15.723	13.7	0.0	0.0	0.0	4.8
8	13.6	21.0	17.1	86.8	16.883	14.8	0.0	0.8	0.8	1.0
9	14.5	24.0	18.1	78.7	16.294	14.3	2.5	1.2	3.7	3.6
10	12.6	26.4	18.8	68.8	14.735	12.7	0.0	0.4	0.0	7.6
11	11.3	25.6	18.7	70.7	15.280	13.1	0.0	0.0	0.0	7.7
12	14.5	27.0	19.3	59.7	13.220	10.9	0.0	0.0	0.0	10.1
13	13.0	26.4	18.8	57.4	12.419	10.2	0.0	0.0	0.0	7.5
14	13.4	26.3	19.8	64.1	14.267	12.2	0.0	0.0	0.0	6.5
15	13.0	25.0	18.4	73.7	15.778	13.7	0.0	0.0	0.0	1.4
16	14.0	25.8	18.5	78.3	16.773	14.8	0.0	0.0	0.0	5.1
17	14.0	26.0	18.7	64.3	13.928	11.8	0.0	0.0	0.0	4.9
18	15.3	27.8	19.1	62.2	13.785	11.8	0.0	0.0	0.0	0.0
19	14.4	27.0	20.1	60.2	14.032	12.0	0.0	0.0	0.0	0.0
20	13.6	27.3	20.4	61.0	14.296	12.3	0.0	0.0	0.0	0.0
21	13.6	25.4	18.9	75.7	16.591	14.6	0.0	0.0	0.0	0.0
22	13.3	24.3	18.1	80.5	16.226	14.1	0.5	0.2	0.7	1.2
23	13.0	24.3	17.3	67.7	13.009	10.8	0.0	0.0	0.0	4.5
24	13.0	26.0	19.5	46.6	11.057	8.4	0.0	0.0	0.0	9.1
25	12.0	27.0	19.1	64.2	13.657	11.5	0.0	0.0	0.0	9.4
26	14.5	26.8	19.8	54.3	12.748	10.5	0.0	0.0	0.0	2.0
27	13.3	25.0	18.8	70.2	15.337	13.3	0.0	0.0	0.0	8.8
28	12.3	27.0	19.1	65.5	14.138	12.1	0.0	0.0	0.0	2.9
29	13.5	23.0	18.4	75.2	15.701	13.7	0.0	0.0	0.0	0.9
30	14.0	25.0	19.2	73.2	16.011	14.0	0.0	0.0	0.0	2.7
31	14.0	24.5	18.4	83.0	17.559	15.4	0.0	0.0	0.0	2.3
PROM.	13.4	25.6	18.9	68.3	14.757	12.7	3.3	2.2	5.5	

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	12.5	25.3	17.8	63.1	12.818	10.6	0.0	0.0	0.0	3.6
2	12.0	25.0	19.4	63.9	13.656	11.7	0.0	0.0	0.0	3.2
3	13.6	25.0	20.5	61.2	14.059	12.1	0.0	0.0	0.0	2.9
4	12.6	25.0	18.7	70.0	14.999	12.9	0.0	0.0	0.0	2.6
5	12.0	27.0	20.0	66.0	14.689	12.6	0.0	0.0	0.0	5.0
6	11.0	23.4	16.3	83.4	15.611	13.4	0.0	0.0	0.0	4.4
7	12.8	26.8	19.6	63.3	14.140	12.1	0.0	0.0	0.0	5.6
8	12.4	28.0	21.0	59.2	13.973	11.8	0.0	0.0	0.0	8.9
9	13.6	26.8	20.4	57.3	13.585	11.5	0.0	0.0	0.0	8.3
10	14.4	26.3	18.3	65.3	13.648	11.6	0.0	0.0	0.0	5.1
11	14.1	27.0	20.6	53.4	13.125	11.0	0.0	0.0	0.0	8.3
12	14.4	26.2	19.1	76.3	16.630	14.6	0.0	0.0	0.0	4.3
13	12.6	28.6	15.1	59.4	12.987	10.8	0.0	0.0	0.0	9.0
14	12.0	27.3	18.5	64.9	13.756	11.7	0.0	0.0	0.0	7.5
15	14.7	26.8	19.6	64.2	14.427	12.4	0.0	0.0	0.0	5.5
16	16.3	27.8	20.8	61.7	14.919	12.9	0.0	0.0	0.0	6.9
17	15.0	27.0	21.1	53.8	13.713	11.5	0.0	0.0	0.0	5.9
18	14.8	25.0	20.2	67.3	16.912	13.9	0.0	0.0	0.0	0.8
19	14.6	27.0	18.8	67.7	14.825	12.8	0.0	0.0	0.0	4.6
20	14.4	26.0	18.7	68.5	14.920	12.9	0.0	0.0	0.0	4.3
21	13.0	26.8	19.8	62.9	14.380	12.4	0.0	0.0	0.0	4.0
22	12.4	28.0	19.9	62.0	13.717	11.7	0.0	0.0	0.0	9.1
23	15.4	26.6	20.3	67.5	16.178	14.1	0.0	0.0	0.0	0.0
24	13.6	26.4	19.3	78.9	17.302	15.2	0.0	0.0	0.0	0.0
25	14.5	25.0	19.3	76.2	16.452	14.3	0.0	0.0	0.0	4.8
26	13.4	25.0	19.1	75.5	16.468	14.4	0.0	0.0	0.0	0.0
27	13.0	25.2	19.0	72.3	15.665	13.7	0.0	0.0	0.0	0.0
28	14.8	22.2	17.1	90.6	17.983	15.8	3.2	0.0	3.2	0.0
29	12.8	24.0	17.8	79.5	16.144	14.1	0.0	0.0	0.0	0.0
30	12.0	25.0	18.8	60.1	12.861	10.7	0.0	0.0	0.0	0.0
31	12.0	26.0	19.1	64.8	14.438	12.3	9.3	0.0	9.3	0.0
PROM.	13.4	26.0	19.3	67.1	14.776	12.7	12.5	0.0	12.5	

ESTACION: LA FLORIDA

MUNICIPIO: PGPAYAN

AÑO:

1.983

ALTITUD: 1.850

LATITUD: 2-27 N.

LONGITUD: 76-35 W.

## M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.3	25.0	17.8	69.6	14.099	12.0	2.9	0.0	2.9	3.4
2	11.6	26.3	19.1	65.8	14.469	12.3	0.0	1.9	1.9	6.2
3	14.0	26.4	18.7	57.6	12.138	9.7	0.0	0.0	0.0	3.5
4	12.0	24.3	17.6	66.0	13.472	11.3	0.7	0.0	0.7	3.2
5	12.6	24.0	17.9	76.4	15.370	13.3	0.0	0.2	0.2	3.6
6	15.0	24.0	18.0	73.3	15.213	13.2	12.1	0.0	12.1	4.0
7	14.0	23.0	17.8	75.7	15.421	13.5	0.0	0.0	0.0	5.2
8	11.4	25.4	19.3	55.2	12.066	9.7	0.0	0.0	0.0	3.5
9	12.6	24.0	18.1	69.8	14.282	12.2	0.0	0.0	0.0	4.2
10	11.4	24.0	17.1	70.7	13.547	11.3	0.0	0.0	0.0	2.0
11	13.4	25.0	18.6	64.3	13.612	11.5	0.0	0.0	0.0	6.1
12	12.0	27.3	20.4	45.2	10.329	7.4	0.0	0.0	0.0	7.1
13	13.8	27.0	19.8	50.9	11.309	8.8	0.0	0.0	0.0	7.6
14	14.0	25.0	18.6	69.1	15.083	13.1	0.0	0.0	0.0	4.8
15	12.6	25.0	18.9	65.4	14.212	12.1	0.0	0.0	0.0	4.1
16	12.3	23.0	18.8	71.4	15.725	13.7	0.3	0.0	0.3	4.0
17	14.1	24.0	18.4	64.8	13.413	11.3	0.0	0.0	0.0	2.6
18	11.4	26.4	19.0	56.5	12.253	9.7	0.0	0.0	0.0	6.8
19	12.6	25.0	17.9	70.1	14.116	12.0	0.0	0.0	0.0	3.1
20	13.0	24.6	18.8	61.4	13.333	11.3	0.7	0.0	0.7	3.5
21	12.0	26.0	19.7	59.6	13.535	11.4	0.0	0.0	0.0	7.3
22	13.6	25.3	18.9	69.3	14.980	13.0	0.0	0.0	0.0	2.3
23	13.6	26.4	19.6	55.9	12.337	10.0	0.0	0.0	0.0	4.2
24	15.3	27.0	20.7	60.7	14.492	12.4	0.0	0.0	0.0	6.4
25	13.4	28.3	22.0	47.4	12.876	10.5	0.0	0.0	0.0	6.6
26	13.4	27.0	20.8	54.7	13.045	10.9	0.0	0.0	0.0	4.6
27	14.6	27.8	20.3	57.8	13.176	11.0	0.0	0.0	0.0	6.4
28	13.0	26.0	19.6	60.7	13.536	11.5	0.0	0.0	0.0	2.3
29	12.6	27.3	20.3	55.4	12.733	10.5	0.0	0.0	0.0	5.7
30	14.6	26.0	19.5	56.2	12.781	10.5	0.0	0.0	0.0	4.8
PROM.	13.1	25.5	19.1	62.6	13.566	11.4	16.7	2.1	18.8	139.5

## 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	14.5	26.2	20.1	63.9	14.852	12.7	0.0	0.0	0.0	3.3
2	14.5	26.0	19.1	64.8	14.477	12.4	0.0	0.0	0.0	3.6
3	12.6	25.0	18.6	69.4	14.988	13.0	0.5	0.0	0.5	4.6
4	13.4	25.6	19.1	72.6	15.578	13.9	1.6	0.0	1.6	3.1
5	13.4	26.0	18.5	73.6	15.387	13.4	0.0	0.0	0.0	4.8
6	14.3	27.4	20.5	55.1	13.006	10.8	0.0	0.0	0.0	6.1
7	13.0	27.3	20.6	58.9	13.582	11.4	0.0	0.0	0.0	5.5
8	12.4	26.3	19.5	64.3	14.425	12.3	0.0	0.5	0.5	6.5
9	14.0	26.0	19.6	68.9	15.636	13.6	0.0	0.0	0.0	4.6
10	13.0	26.0	18.3	65.6	13.843	11.5	6.4	0.0	6.4	5.0
11	13.4	26.0	17.6	69.5	13.806	11.8	0.0	0.0	0.0	3.3
12	13.4	23.8	17.8	81.0	16.576	14.6	0.3	0.0	0.3	4.7
13	14.2	20.0	16.1	86.3	16.248	14.2	3.6	0.0	3.6	0.0
14	12.1	20.3	17.3	79.3	15.627	13.6	0.4	9.0	9.4	1.1
15	14.0	20.0	15.7	89.3	16.164	14.2	9.6	0.0	9.6	0.8
16	13.5	20.0	16.1	82.9	15.126	13.1	0.0	0.3	0.3	0.1
17	11.9	25.3	19.3	65.8	13.715	11.6	0.0	1.5	1.5	9.7
18	14.3	25.7	18.7	71.3	15.048	13.0	0.9	0.8	1.7	4.7
19	14.0	22.3	17.6	74.3	14.824	12.8	0.0	0.2	0.2	0.4
20	12.5	23.0	18.0	75.3	15.185	13.0	0.0	4.9	4.9	2.6
21	12.4	25.0	18.0	63.7	13.052	10.9	0.0	2.9	2.9	7.5
22	13.0	25.0	17.6	67.6	13.249	11.1	0.0	0.0	0.0	4.4
23	12.0	25.0	18.8	72.8	16.202	14.2	12.4	1.4	13.8	5.4
24	12.4	25.0	18.4	74.4	15.842	13.7	0.3	0.0	0.3	7.4
25	14.6	25.4	18.2	71.6	14.976	13.0	5.4	11.0	16.4	4.4
26	13.6	23.0	17.2	78.1	15.530	13.5	0.9	0.3	1.2	3.7
27	13.8	26.0	18.7	73.7	15.736	13.7	10.5	3.8	14.3	4.6
28	14.6	24.3	15.7	87.9	15.857	13.9	16.4	1.4	19.8	2.9
29	13.8	23.0	18.0	79.6	16.384	14.4	2.0	7.6	9.6	2.1
30	13.3	21.0	16.8	76.8	14.702	12.7	2.1	0.7	2.8	1.2
31	13.5	24.3	17.7	78.3	15.909	13.9	3.7	26.1	29.8	5.3
PROM.	13.4	24.4	18.2	72.8	15.030	13.0	79.0	72.4	151.4	123.6

ESTACION: LA FLORIDA

MUNICIPIO: PGPAYAN

AÑO: 1.983

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	15.3	24.0	18.7	83.4	17.726	15.6	0.4	12.6	13.0	3.2
2	15.3	24.0	19.2	78.1	17.130	15.0	0.0	0.0	0.0	5.1
3	15.1	24.0	18.6	73.9	15.914	13.9	3.8	12.0	15.8	3.5
4	14.3	25.6	18.8	78.8	17.360	15.2	0.0	0.0	0.0	5.7
5	12.8	27.0	19.8	67.1	15.626	13.6	0.0	0.0	0.0	7.5
6	13.0	25.0	19.4	71.9	16.588	14.6	0.8	0.0	0.8	7.4
7	12.0	26.0	18.8	74.7	15.971	13.8	1.4	0.2	1.6	5.1
8	15.8	23.0	17.8	83.5	16.946	14.9	1.8	0.1	1.9	2.1
9	15.6	26.3	18.8	79.0	17.102	15.0	7.4	8.7	16.1	6.5
10	15.0	23.0	17.6	86.0	17.271	15.2	0.7	1.8	2.5	2.7
11	14.4	22.6	17.0	77.4	15.147	13.2	0.0	0.0	0.0	1.2
12	12.6	25.0	17.5	66.6	13.521	11.2	0.0	0.0	0.0	6.7
13	13.4	25.0	17.6	66.7	13.859	11.8	4.6	0.0	4.6	4.2
14	11.0	24.7	17.5	69.6	14.072	11.9	0.2	29.4	29.6	6.4
15	13.4	22.3	17.2	82.8	16.342	14.3	1.4	3.1	4.5	3.1
16	13.5	25.3	18.5	73.5	15.353	13.4	0.0	0.0	0.0	6.4
17	13.2	22.0	16.2	85.4	16.117	14.0	7.8	0.6	8.4	2.0
18	11.6	25.6	19.3	71.9	15.622	13.6	0.0	0.0	0.0	8.2
19	14.3	25.0	19.7	67.3	15.294	13.3	0.0	0.0	0.0	6.2
20	12.8	25.4	19.3	64.9	14.324	12.3	0.0	0.0	0.0	5.8
21	14.0	25.4	19.5	78.4	18.210	15.9	0.2	0.0	0.2	4.8
22	14.3	24.0	18.3	76.8	16.386	14.3	0.0	0.0	0.0	3.1
23	14.4	25.0	19.0	73.4	16.253	14.2	11.7	19.7	31.4	4.2
24	12.6	24.0	17.6	75.8	15.122	13.1	0.0	0.0	0.0	1.8
25	13.2	25.0	18.8	74.1	16.834	13.8	0.0	0.0	0.0	5.4
26	13.0	25.0	19.4	63.4	14.507	12.5	0.0	0.0	0.0	7.0
27	11.6	25.0	19.6	68.6	15.539	13.4	16.4	17.7	34.1	5.8
28	13.3	23.3	18.4	75.2	15.820	13.8	0.3	50.9	51.2	4.3
29	13.6	23.0	17.2	80.0	15.758	13.8	0.0	19.5	19.5	3.1
30	14.3	23.6	16.3	83.1	15.589	13.6	11.5	0.0	11.5	4.1
PROM.	13.6	24.5	18.4	75.0	15.880	13.8	70.4	176.3	246.7	142.6

## 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	13.8	23.4	17.4	78.1	15.477	13.5	3.7	1.4	5.1	4.4
2	12.4	24.6	17.5	72.3	14.595	12.6	30.6	0.2	30.8	6.2
3	12.6	22.2	16.8	77.8	15.013	13.0	6.3	29.0	35.3	4.6
4	14.0	19.0	15.9	84.9	15.566	13.6	14.4	1.3	15.7	0.0
5	13.8	21.0	16.0	88.4	16.118	14.1	3.5	23.6	27.1	1.9
6	13.6	21.0	16.4	82.1	15.427	13.5	4.7	3.6	8.3	0.8
7	13.2	23.0	16.7	79.3	15.133	13.2	0.0	2.6	2.6	5.4
8	12.4	23.6	17.1	75.6	14.838	12.8	5.9	1.6	7.5	8.6
9	13.0	23.0	16.6	73.0	13.845	11.8	29.3	3.5	32.8	3.5
10	13.4	23.0	16.8	81.6	15.674	13.7	9.6	0.1	9.7	1.0
11	14.0	22.0	17.3	74.6	15.027	13.0	0.0	0.1	0.1	3.9
12	13.4	23.0	16.0	77.6	14.203	12.2	2.5	2.4	4.9	5.1
13	12.4	23.0	16.8	77.5	14.779	12.8	3.3	0.0	3.3	3.3
14	12.4	23.0	16.4	79.5	14.932	13.0	0.0	0.0	0.0	2.9
15	13.2	22.0	17.0	76.2	14.954	13.0	0.0	1.0	1.0	4.8
16	14.0	21.0	17.0	82.5	16.190	14.2	0.2	0.0	0.2	1.0
17	14.4	20.8	16.1	86.9	15.886	13.9	0.0	0.0	0.0	0.7
18	14.5	24.0	17.6	72.9	14.620	12.5	0.3	0.5	0.8	2.8
19	14.4	23.3	17.6	74.7	15.044	13.0	12.0	1.2	13.2	3.8
20	14.4	23.0	17.9	76.2	15.578	13.6	1.1	0.0	1.1	4.2
21	13.6	25.0	17.2	71.3	14.186	12.2	0.0	0.0	0.0	4.4
22	12.1	25.0	17.9	74.0	15.159	13.1	0.0	0.0	0.0	3.4
23	13.0	25.0	17.0	75.8	14.774	12.8	22.0	0.0	22.0	4.6
24	13.0	25.0	18.5	74.2	15.592	13.6	0.0	0.0	0.0	5.2
25	12.4	25.0	19.5	66.1	14.871	12.7	0.0	0.0	0.0	6.4
26	12.6	22.8	16.8	77.9	15.887	13.1	1.7	0.0	1.7	3.7
27	13.2	24.0	16.7	76.6	14.609	12.6	0.3	0.0	0.3	4.0
28	12.7	25.4	18.5	75.0	15.703	13.6	0.3	0.0	0.3	7.9
29	11.6	24.0	16.8	74.0	14.165	12.1	2.4	1.5	3.9	4.5
30	13.8	22.3	17.0	79.3	15.496	13.5	0.6	0.6	1.2	1.1
31	14.0	22.3	17.4	78.7	15.602	13.6	1.5	1.1	2.6	1.5
PROM.	13.3	23.1	17.1	77.2	15.103	13.1	156.2	75.3	231.5	115.6

ESTACION: LA FLORIDA

MUNICIPIO POPAYAN

AÑO: 1.983

ALTITUD: 1.850

LATITUD: 2-27 N.

LONGITUD: 76-35 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días Hluvias	
ENERO	13.7	25.5	18.8	12.0	27.4	72.7	15.753	13.7	129.2	13	184.8
FEBRERO	14.0	25.5	19.1	11.6	28.0	65.1	15.107	13.0	209.1	12	
MARZO	14.2	25.0	19.0	12.0	28.3	73.9	16.131	14.1	299.1	17	
ABRIL	14.0	24.2	18.4	11.0	27.0	77.4	16.339	14.3	300.1	22	75.1
MAYO	14.3	25.0	18.8	12.5	27.0	74.4	16.161	14.1	91.7	16	126.4
JUNIO	13.2	25.6	18.6	11.3	30.0	68.2	14.449	12.3	29.0	10	182.3
JULIO	13.4	25.6	18.9	11.3	28.0	68.3	14.757	12.7	5.5	4	
AGOSTO	13.4	26.0	19.3	11.0	28.6	67.1	14.776	12.7	12.5	2	
SEPTIEMBRE	13.1	25.5	19.1	11.4	28.3	62.6	13.566	11.4	18.8	7	139.5
OCTUBRE	13.4	24.4	18.2	11.9	27.4	72.8	15.030	13.0	151.4	23	123.6
NOVIEMBRE	13.6	24.5	18.4	11.0	27.0	75.0	15.880	13.8	246.7	17	142.6
DICIEMBRE	13.3	23.1	17.1	11.6	25.4	77.2	15.103	13.1	231.5	25	115.6
PROMEDIO	13.6	25.0	18.6	11.6	27.7	71.6	15.254	13.2			
TOTAL									1724.6	166	

ESTACION: MANUEL MEJIA

MUNICIPIO: TAMBO

AÑO: 1983

ALTITUD: 1.700

LATITUD: 2-24 N.

LONGITUD: 76-48 W.

## M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.1	24.2	20.9	72.9	17.556	15.4	0.0	0.0	0.0	7.5
2	16.7	25.2	19.2	77.6	17.392	15.3	0.0	50.0	50.0	7.8
3	15.6	23.2	18.1	86.3	18.528	16.3	5.0	0.0	5.0	1.3
4	15.0	24.2	19.1	80.7	17.670	15.5	0.0	0.0	0.0	1.0
5	14.4	24.2	18.9	84.3	18.331	16.1	0.0	5.0	5.0	5.1
6	15.3	21.2	18.5	91.0	19.364	17.0	0.0	0.0	0.0	1.9
7	15.2	24.2	18.8	82.4	17.834	15.7	0.0	111.3	111.3	3.7
8	14.2	23.2	19.5	87.8	20.242	17.7	2.1	0.0	2.1	5.0
9	16.0	23.2	19.5	80.0	17.979	15.8	0.0	0.0	0.0	4.5
10	15.3	24.2	19.3	77.4	17.030	14.9	0.0	0.0	0.0	6.3
11	13.0	22.7	18.4	82.3	17.307	15.2	0.0	0.0	0.0	3.9
12	13.5	21.4	17.9	85.6	17.681	15.5	0.0	0.0	0.0	8.1
13	13.0	26.2	19.7	78.4	17.318	15.1	2.0	0.0	2.0	
14	15.6	25.2	20.4	79.9	18.601	16.3	0.0	0.0	0.0	4.5
15	15.5	24.8	19.5	80.2	18.384	16.2	0.0	0.0	0.0	8.6
16	16.6	22.2	18.6	85.2	18.284	16.1	0.0	0.0	0.0	
17	13.5	25.2	19.8	75.4	16.632	14.5	0.0	0.0	0.0	6.3
18	14.5	25.3	19.4	71.3	15.280	13.3	0.0	0.0	0.0	9.7
19	12.5	25.8	20.1	71.2	15.646	13.6	0.0	0.0	0.0	8.6
20	15.4	26.2	20.5	75.7	17.715	15.6	0.0	0.0	0.0	6.4
21	15.0	26.0	20.5	69.1	16.064	14.0	0.0	0.0	0.0	10.2
22	13.4	26.8	19.1	79.1	17.035	14.9	0.0	0.0	0.0	
23	12.6	25.2	20.2	74.3	17.256	15.2	0.0	0.0	0.0	
24	10.0	27.0	19.4	78.4	16.737	14.4	0.0	0.0	0.0	
25	12.0	26.0	20.4	70.4	15.727	13.6	0.0	0.0	0.0	9.7
26	15.5	24.6	20.0	78.5	17.919	15.8	0.0	10.0	10.0	
27	16.0	24.5	18.7	82.7	18.063	15.9	0.0	1.0	1.0	3.4
28	14.5	25.0	20.4	70.9	15.955	13.9	0.0	15.0	15.0	8.3
29	16.2	23.0	19.6	85.0	20.095	17.5	0.0	0.0	0.0	8.1
30	16.2	24.0	20.5	82.1	19.667	17.2	0.0	0.0	0.0	
31	16.5	25.0	21.0	76.8	18.579	16.3	0.0	0.0	0.0	6.3
PROM.	14.6	24.5	19.5	79.3	17.675	15.5	9.1	192.3	201.4	

## M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.3	25.8	19.0	77.8	17.259	15.2	0.0	0.0	0.0	7.9
2	14.5	25.5	21.1	73.8	17.908	15.7	0.0	0.0	0.0	6.3
3	13.0	27.5	19.9	72.0	15.744	13.7	0.0	0.0	0.0	8.1
4	14.0	25.5	20.1	77.1	17.824	15.6	0.0	0.0	0.0	5.9
5	16.5	24.3	18.8	83.3	18.035	15.8	0.0	0.1	0.1	5.7
6	16.0	23.7	19.1	81.3	17.705	15.6	0.0	3.0	3.0	5.9
7	15.0	22.3	18.0	85.5	17.632	15.5	0.0	3.0	3.0	1.8
8	15.0	23.6	18.6	80.0	16.856	14.8	0.0	12.0	12.0	6.2
9	15.0	24.0	18.3	78.8	16.388	14.4	0.0	0.0	0.0	9.2
10	15.5	23.4	18.5	84.3	17.996	15.8	10.0	0.0	10.0	6.2
11	14.5	25.0	19.1	79.5	17.127	14.9	0.0	0.0	0.0	7.3
12	15.0	24.7	19.7	72.6	16.166	14.1	14.0	0.0	14.0	9.5
13	13.0	25.1	19.9	74.1	16.492	14.5	0.0	0.0	0.0	5.3
14	13.5	25.4	20.3	70.6	15.920	13.9	0.0	0.0	0.0	7.3
15	15.6	24.0	20.4	78.6	18.230	16.0	0.0	0.0	0.0	2.9
16	15.5	25.0	21.1	65.5	16.925	14.8	0.0	0.0	0.0	4.4
17	13.0	25.3	19.6	75.3	16.343	14.2	0.0	0.0	0.0	5.0
18	16.0	22.5	18.6	86.9	18.590	16.3	15.0	0.0	15.0	2.5
19	13.5	25.0	19.1	74.6	16.072	14.1	0.0	0.0	0.0	5.8
20	13.8	24.6	20.2	65.7	14.957	12.7	0.0	0.0	0.0	4.9
21	13.0	23.4	19.0	75.6	16.498	14.4	0.0	0.0	0.0	5.4
22	15.5	22.4	19.6	78.1	17.409	15.3	0.0	0.0	0.0	3.7
23	17.0	25.0	19.9	85.1	19.596	17.2	0.0	0.0	0.0	4.2
24	15.3	25.2	20.0	79.3	17.860	15.5	0.0	0.0	0.0	2.2
25	14.5	26.5	20.6	58.2	13.260	11.1	0.0	0.0	0.0	3.1
26	13.4	25.4	21.5	65.0	16.114	14.1	0.0	0.0	0.0	5.9
27	14.7	24.7	21.0	70.7	16.624	14.6	0.0	0.0	0.0	7.3
28	14.0	25.0	22.4	68.2	17.450	15.3	0.0	0.0	0.0	4.9
PROM.	14.6	24.6	19.8	75.8	16.965	14.8	39.0	42.1	81.1	154.8

ESTACION: MANUEL MEJIA

MUNICIPIO: TAMBO

AÑO: 1.983

ALTITUD: 1.700

LATITUD: 2-24 N.

LONGITUD: 76-48 W.

## M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	25.0	20.3	78.0	18.171	16.0	0.0	0.0	0.0	
2	14.5	26.0	20.2	74.4	17.355	15.2	0.0	13.7	13.7	5.5
3	15.5	24.6	18.9	81.3	17.846	15.7	0.0	0.0	0.0	5.1
4	14.0	25.6	18.9	79.6	17.048	15.0	3.4	2.2	5.6	5.9
5	14.8	27.0	20.4	75.8	18.050	15.9	9.6	0.0	9.6	1.7
6	15.6	23.0	18.7	85.4	18.429	16.2	0.0	1.2	1.2	4.9
7	16.3	25.0	20.8	71.7	17.382	15.3	25.6	0.0	25.6	6.3
8	16.2	24.0	19.8	81.6	18.730	16.5	0.0	10.3	10.3	3.1
9	16.3	23.0	19.5	83.2	18.664	16.4	0.0	2.0	2.0	
10	16.4	21.4	17.3	87.4	17.313	15.1	1.0	0.0	1.0	
11	14.6	25.0	19.5	82.4	18.365	16.1	0.0	0.0	0.0	0.7
12	15.6	24.7	19.1	71.5	15.755	13.7	0.0	0.0	0.0	7.2
13	15.0	25.0	20.7	73.9	18.151	15.9	0.0	0.0	0.0	1.3
14	14.5	24.3	17.5	94.1	19.019	16.7	2.0	0.0	2.0	1.6
15	12.3	23.6	18.3	82.5	16.792	14.7	0.0	0.0	0.0	2.1
16	14.5	26.2	20.3	77.0	17.944	15.8	0.0	0.0	0.0	9.1
17	15.4	25.2	19.8	83.0	18.983	16.6	35.0	0.0	35.0	2.4
18	16.5	25.2	19.8	84.4	19.292	16.9	6.0	0.0	6.0	8.4
19	17.0	25.2	21.8	80.9	20.436	17.8	0.0	0.0	0.0	3.6
20	17.0	26.2	20.8	74.2	17.850	15.6	0.0	0.0	0.0	
21	12.0	26.2	19.4	74.5	15.648	13.4	0.0	0.0	0.0	6.3
22	12.5	24.2	18.9	75.1	16.049	14.0	0.0	0.0	0.0	4.2
23	14.5	23.2	19.4	81.2	17.717	15.6	0.0	0.0	0.0	3.5
24	16.5	24.2	19.6	77.7	17.273	15.2	0.0	2.0	2.0	2.1
25	15.5	21.0	17.7	91.1	18.836	16.6	0.0	13.0	13.0	0.4
26	14.6	23.7	19.1	81.4	16.614	14.5	38.0	0.0	38.0	2.9
27	14.5	23.8	19.2	77.2	17.257	15.0	0.0	0.0	0.0	4.8
28	15.0	24.2	20.0	80.5	18.525	16.3	0.0	0.0	0.0	6.3
29	15.0	24.8	18.5	85.5	18.487	16.3	21.2	0.0	21.2	3.8
30	14.5	26.2	19.5	80.0	17.758	15.6	0.0	0.0	0.0	7.0
31	14.2	24.7	19.8	84.2	19.190	16.7	0.0	0.0	0.0	5.7
PROM.	15.0	24.5	19.4	80.3	17.901	15.7	141.8	44.4	186.2	

## 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							0.0	0.0	0.0	6.9
2							0.0	0.0	0.0	6.5
3							0.0	0.0	0.0	6.3
4							0.0	0.0	0.0	7.0
5							0.0	0.0	0.0	8.2
6							5.0	12.0	17.0	1.7
7							1.0	5.0	6.0	1.4
8							0.0	0.0	0.0	6.9
9							0.0	0.0	0.0	
10							0.0	4.0	4.0	
11							7.0	2.0	9.0	1.3
12							2.1	0.0	2.1	7.1
13							0.0	4.4	4.4	
14							2.0	1.0	3.0	1.8
15							1.0	0.0	1.0	1.9
16							0.0	1.0	1.0	4.7
17	16.0	24.9	18.9	85.4	18.717	16.4	0.0	1.0	1.0	
18	13.0	22.4	17.7	88.9	17.590	15.8	2.0	0.0	2.0	
19	14.6	26.0	20.1	75.7	17.099	15.0	0.0	0.0	0.0	7.3
20	15.0	25.0	19.6	82.7	18.435	16.2	0.0	0.0	0.0	4.5
21	15.5	21.0	17.7	91.0	18.767	16.5	1.3	0.0	1.3	0.7
22	16.0	23.0	18.8	83.6	17.986	15.8	23.3	48.7	72.0	4.1
23	15.5	25.1	20.7	76.2	18.186	16.0	0.0	0.0	0.0	7.6
24	17.1	24.6	19.5	84.8	19.265	16.9	0.0	0.0	0.0	
25	15.0	24.0	18.1	92.6	19.539	17.1	37.0	6.9	43.9	4.9
26	15.5	21.0	18.4	93.2	19.945	17.5	0.2	0.0	0.2	1.3
27	15.0	24.0	19.4	86.1	19.223	16.8	0.0	0.0	0.0	4.1
28	15.5	23.0	17.6	88.2	18.065	15.9	0.0	10.0	10.0	2.2
29	16.0	24.0	18.8	85.1	18.460	16.2	8.4	10.2	18.6	5.2
30	15.5	25.2	18.6	83.0	17.684	15.5	0.0	0.7	0.7	5.4
PROM							90.3	106.9	197.2	

ESTACION: MANUEL MEJIA

MUNICIPIO: TAMBO

AÑO: 1.983

ALTITUD: 1.700

LATITUD: 2-24 N.

LONGITUD: 76-48 W.

## M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	25.0	20.5	80.1	18.757	16.5	0.0	0.0	0.0	9.1
2	15.4	23.0	19.3	82.3	18.108	15.9	0.0	0.0	0.0	
3	15.0	26.0	20.4	75.7	17.650	15.4	0.0	9.2	9.2	7.4
4	15.5	24.4	19.1	85.5	18.899	16.6	1.5	0.0	1.5	2.6
5	15.0	24.3	19.5	82.6	18.614	16.4	2.7	2.6	5.3	4.6
6	16.0	24.0	19.5	86.8	19.803	17.3	1.0	0.0	1.0	2.9
7	16.5	23.1	18.6	83.6	18.005	15.8	0.0	0.0	0.0	4.1
8	14.5	25.6	19.1	75.2	16.290	14.3	0.0	0.0	0.0	8.7
9	15.6	27.0	20.0	81.4	18.904	16.5	0.0	0.7	0.7	7.8
10	15.0	26.5	20.4	74.7	17.348	15.2	0.0	0.0	0.0	9.8
11	16.6	24.3	19.8	87.9	20.405	17.8	0.0	0.0	0.0	4.4
12	16.6	23.5	20.3	78.4	18.555	16.3	0.0	0.0	0.0	3.4
13	15.0	22.4	19.8	80.7	17.362	15.2	0.0	0.0	0.0	2.7
14	16.0	25.3	20.3	77.4	17.955	15.7	0.0	0.0	0.0	5.6
15	16.0	24.5	20.2	79.5	18.767	16.5	0.0	5.0	5.0	4.8
16	15.8	25.0	18.7	84.4	18.245	16.1	6.2	0.1	6.3	0.0
17	16.0	23.0	18.8	87.4	19.087	16.8	10.0	39.0	49.0	1.6
18	14.5	23.5	18.2	87.7	18.306	16.1	0.0	0.0	0.0	4.1
19	14.0	25.3	18.5	84.6	18.193	16.0	1.1	0.0	1.1	4.3
20	14.5	24.3	17.5	91.0	18.680	16.3	1.6	0.0	1.6	2.2
21	13.5	24.0	18.4	84.9	18.006	15.8	3.8	0.1	3.9	6.1
22	15.0	25.0	18.9	78.4	16.926	14.8	0.5	0.0	0.5	5.7
23	14.6	26.0	19.5	79.4	18.075	15.9	0.0	3.4	3.4	7.4
24	15.6	26.3	20.5	82.1	19.295	16.8	0.6	0.1	0.7	7.2
25	15.5	24.0	20.3	81.9	19.158	16.8	0.0	0.0	0.0	5.8
26	15.3	26.0	19.1	82.4	18.021	15.8	25.4	2.2	27.6	1.0
27	16.0	25.0	19.9	81.5	19.077	16.8	0.0	10.0	10.0	5.3
28	15.6	21.3	17.8	89.7	18.564	16.3	48.5	1.9	50.4	
29	14.0	18.0	15.2	94.9	16.385	14.4	0.0	0.0	0.0	
30	14.5	25.6	20.0	82.0	18.663	16.3	1.1	0.0	1.1	6.8
31	15.5	24.3	19.2	81.7	18.006	15.8	0.0	0.0	0.0	6.3
PROM.	15.3	24.4	19.2	82.8	18.330	16.1	104.0	74.3	178.3	

## 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	15.0	23.0	18.4	83.0	17.510	15.4	0.0	0.0	0.0	3.2
2	16.0	22.5	19.2	83.1	18.832	16.5	0.0	0.0	0.0	2.4
3	15.5	21.5	18.3	90.7	19.052	16.7	0.5	0.0	0.5	
4	15.6	23.0	19.5	84.0	18.615	16.3	1.6	1.5	3.1	
5	14.6	22.0	18.8	87.4	18.906	16.6	0.2	0.0	0.2	1.6
6	15.8	23.5	19.6	76.3	17.035	14.9	0.0	0.4	0.4	6.1
7	16.5	23.5	18.1	81.2	16.843	14.7	12.8	0.0	12.8	5.2
8	16.4	22.5	18.3	83.2	17.768	15.6	1.6	0.0	1.6	0.2
9	12.5	25.0	18.0	82.5	16.983	14.9	0.0	0.0	0.0	4.4
10	13.5	24.0	18.4	79.1	16.337	14.3	0.0	0.0	0.0	6.5
11	14.0	24.0	19.9	71.1	16.220	14.0	0.0	0.0	0.0	8.0
12	14.3	25.0	19.2	76.0	16.780	14.6	0.0	0.0	0.0	8.3
13	14.0	24.0	18.8	86.7	19.214	16.8	0.3	0.0	0.3	3.6
14	14.5	26.0	19.7	71.0	15.576	13.5	0.0	0.0	0.0	5.7
15	16.0	25.0	20.6	65.1	15.640	13.6	0.0	0.6	0.6	8.3
16	14.6	24.5	19.1	74.5	16.034	14.0	0.0	0.0	0.0	5.6
17	15.5	26.0	19.9	69.4	16.576	13.5	0.0	0.0	0.0	7.6
18	13.0	26.0	20.3	67.4	15.008	12.9	0.0	0.0	0.0	9.6
19	13.0	22.0	17.8	67.3	12.724	10.1	0.0	0.0	0.0	10.3
20	12.0	25.3	19.4	65.2	13.845	11.7	0.0	0.0	0.0	7.3
21	12.0	27.3	20.6	50.6	11.279	8.7	0.0	0.0	0.0	10.6
22	12.5	27.0	19.1	67.8	14.493	12.4	0.5	6.4	6.9	10.0
23	13.5	25.5	19.3	63.2	13.528	11.3	0.0	0.0	0.0	9.5
24	12.6	25.5	19.5	60.6	13.357	11.2	0.0	0.0	0.0	7.6
25	8.5	26.0	18.8	65.0	12.753	10.6	0.0	0.0	0.0	9.8
26	15.6	26.3	20.0	69.0	15.639	13.6	0.0	0.0	0.0	
27	10.5	26.0	18.9	63.6	13.090	10.7	0.0	0.0	0.0	
28	12.3	25.2	19.0	68.7	14.057	11.9	0.0	0.0	0.0	10.0
29	14.2	23.2	18.7	86.6	18.728	16.4	1.5	0.0	1.5	
30	12.0	25.3	18.2	68.3	14.152	12.0	0.0	0.0	0.0	4.0
PROM.	13.9	24.5	19.1	73.6	15.854	13.6	19.0	8.9	27.9	

ESTACION: MANUEL MEJIA

MUNICIPIO: TAMBO

AÑO: 1.983

ALTITUD: 1.700

LATITUD: 2-24 N.

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	11.0	25.9	19.6	63.8	13.643	11.6	0.0	0.0	0.0	
2	13.6	25.8	18.7	71.4	14.723	12.7	0.0	0.0	0.0	
3	13.3	26.3	19.0	66.9	14.144	12.1	0.0	0.0	0.0	
4	18.0	24.3	19.8	64.5	14.767	12.8	0.0	0.1	0.1	7.5
5	17.0	25.0	20.3	65.1	15.161	13.1	0.0	0.0	0.0	8.9
6	11.0	26.3	18.7	73.9	15.008	12.8	0.0	0.0	0.0	9.8
7	14.0	25.1	19.9	74.3	17.028	14.9	6.1	0.0	6.1	
8	15.5	20.5	17.7	89.1	18.027	15.9	0.3	0.1	0.4	0.4
9	15.6	25.2	19.0	75.6	16.384	14.3	0.2	2.4	2.6	4.2
10	15.0	26.0	19.5	83.4	19.226	16.8	0.0	0.0	0.0	
11	11.5	25.3	18.9	66.0	13.403	11.3	0.0	0.0	0.0	8.0
12	13.3	26.3	19.5	56.3	11.510	8.6	0.0	0.0	0.0	8.6
13	15.3	25.2	20.9	39.4	9.938	6.9	0.0	0.0	0.0	9.2
14	15.0	25.2	19.9	50.3	11.477	8.9	0.0	0.0	0.0	7.6
15	13.0	23.2	18.7	63.6	12.864	10.6	0.0	0.0	0.0	3.9
16	13.8	24.3	19.1	74.7	16.245	14.2	0.0	0.0	0.0	5.2
17	14.5	26.2	18.0	63.4	13.156	10.7	0.0	0.0	0.0	5.9
18	13.5	27.2	21.8	38.6	10.280	7.3	0.0	0.0	0.0	4.7
19	13.6	26.3	21.4	50.4	11.507	8.9	0.0	0.0	0.0	7.1
20	13.1	26.3	20.6	49.2	11.564	9.0	0.0	0.0	0.0	4.3
21	14.0	24.5	18.8	69.8	14.812	12.7	0.0	0.0	0.0	3.6
22	15.0	24.3	18.2	75.5	15.479	13.4	0.0	0.0	0.0	1.6
23	14.5	23.2	17.6	58.5	11.486	8.3	0.0	0.0	0.0	10.2
24	12.5	26.4	18.9	42.4	9.159	5.5	0.0	0.0	0.0	
25	10.0	26.5	21.2	34.7	8.614	4.8	0.0	0.0	0.0	11.2
26	14.5	28.5	20.8	45.6	11.056	8.5	0.0	0.0	0.0	
27	13.0	24.5	19.2	58.2	12.903	10.7	0.0	0.0	0.0	2.2
28	13.5	26.5	19.6	56.7	12.287	10.0	0.0	0.0	0.0	5.8
29	14.0	24.0	19.3	64.3	14.068	11.8	0.0	0.0	0.0	
30	13.6	25.5	18.8	72.3	15.118	13.1	0.0	1.2	1.2	3.4
31	15.5	23.5	18.3	74.9	15.805	13.7	0.0	0.0	0.0	3.7
PROM.	13.9	25.3	19.4	62.3	13.577	11.2	6.6	3.6	10.4	

## 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	13.0	24.0	18.1	59.1	11.655	9.0	0.0	0.0	0.0	4.6
2	10.5	24.5	18.6	56.4	10.947	8.2	0.0	0.0	0.0	6.9
3	11.0	24.5	19.6	55.7	11.555	8.9	0.0	0.0	0.0	7.6
4	10.5	25.5	18.7	67.7	13.360	11.2	0.0	0.0	0.0	5.4
5	13.4	24.5	19.6	57.7	11.995	9.3	1.4	0.0	1.4	0.3
6	8.5	24.3	16.2	72.9	12.606	10.3	0.0	0.0	0.0	5.3
7	12.0	26.3	20.1	60.2	13.048	10.7	0.0	0.0	0.0	8.1
8	13.5	27.1	21.4	50.3	12.518	9.5	0.0	0.0	0.0	10.1
9	12.2	26.5	21.0	41.5	10.248	7.3	0.0	0.0	0.0	10.0
10	15.0	24.5	20.5	42.9	10.673	7.9	0.0	0.0	0.0	7.3
11	11.0	26.5	18.2	71.0	14.181	12.0	0.0	0.0	0.0	8.6
12	15.0	24.5	19.0	69.5	14.773	12.8	0.3	0.0	0.3	10.6
13	11.6	25.5	20.8	50.5	10.317	7.1	0.0	0.0	0.0	
14	11.5	26.5	21.4	40.4	10.320	7.4	0.0	0.0	0.0	10.2
15	15.3	25.6	20.5	46.4	11.081	8.5	0.0	0.0	0.0	
16	17.0	26.6	21.9	43.0	11.082	8.4	0.0	0.0	0.0	5.0
17	15.5	26.5	20.7	52.3	12.478	10.0	0.0	0.0	0.0	6.0
18	16.5	24.5	18.9	62.2	13.715	11.6	0.9	0.0	0.9	1.1
19	14.3	25.5	20.9	50.7	12.061	9.6	0.0	0.0	0.0	5.8
20	13.5	27.0	21.3	51.3	12.030	9.6	0.0	0.0	0.0	8.6
21	12.5	26.5	20.8	61.5	13.414	11.1	0.0	0.0	0.0	5.0
22	12.5	27.5	21.9	47.9	11.585	9.0	0.0	0.0	0.0	7.1
23	14.0	25.5	20.6	52.0	12.349	10.0	0.0	0.0	0.0	4.7
24	13.0	23.5	20.0	68.0	14.935	12.9	0.0	0.0	0.0	3.2
25	14.5	24.5	19.9	59.0	12.552	10.0	0.0	0.0	0.0	1.7
26	13.5	24.5	19.3	69.1	14.593	12.5	0.0	0.0	0.0	5.3
27	12.6	24.5	19.8	62.6	13.385	10.8	0.0	0.0	0.0	4.8
28	14.6	21.5	16.9	84.3	16.351	14.3	35.0	0.0	35.0	0.5
29	14.5	21.0	17.4	87.9	17.406	15.3	6.3	0.0	6.3	1.3
30	13.6	24.5	19.3	72.4	15.373	13.2	0.0	0.0	0.0	5.3
31	13.5	25.5	19.9	64.9	14.468	12.3	0.0	0.0	0.0	5.6
PROM.	13.2	25.3	19.8	59.1	12.808	10.4	44.2	0.0	44.2	

ESTACION: MANUEL MEJIA  
 ALTITUD: 1.700

MUNICIPIO: TAMBC AÑO: 1.983  
 LATITUD: 2-24 N. LONGITUD: 76-48 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.6	26.5	18.9	77.6	16.215	14.1	1.5	0.0	1.5	4.5
2	12.5	26.5	19.2	75.5	16.089	14.0	0.0	0.0	0.0	6.2
3	15.3	26.5	18.5	69.7	14.329	11.7	0.0	0.0	0.0	
4	11.0	24.5	17.8	67.4	12.999	10.8	0.0	0.0	0.0	4.0
5	15.5	26.0	19.6	69.4	15.267	13.2	0.0	0.0	0.0	4.7
6	14.5	24.4	18.6	78.9	16.500	14.3	2.2	1.7	3.9	4.1
7	15.5	21.0	17.9	84.0	17.015	15.0	0.0	0.0	0.0	1.6
8	11.5	24.5	19.7	60.2	12.287	9.9	0.0	0.0	0.0	4.6
9	12.6	23.5	18.5	73.1	15.031	12.9	0.0	0.0	0.0	4.0
10	11.3	26.0	18.8	70.8	14.676	12.7	0.4	0.0	0.4	2.6
11	13.5	27.0	18.4	72.3	14.650	12.6	0.0	0.0	0.0	3.0
12	13.5	27.0	20.2	53.0	10.936	7.8	0.0	0.0	0.0	7.2
13	14.5	25.5	20.2	43.5	10.246	7.3	0.0	0.0	0.0	4.8
14	13.0	24.4	18.3	71.9	14.675	12.6	0.0	0.0	0.0	4.3
15	11.5	24.5	18.4	61.1	11.752	9.3	2.4	0.0	2.4	5.0
16	12.5	25.5	18.9	73.3	15.199	13.2	0.0	0.0	0.0	3.7
17	15.0	23.6	18.5	65.4	13.653	11.3	0.0	0.0	0.0	5.1
18	12.0	24.5	19.4	75.6	16.310	14.0	0.0	0.0	0.0	7.7
19	12.5	24.5	18.7	64.0	12.580	10.3	1.1	0.0	1.1	5.1
20	13.0	24.0	18.5	59.9	12.106	9.7	0.1	0.0	0.1	4.4
21	12.0	26.3	19.0	66.7	13.505	11.2	8.6	0.0	8.6	9.5
22	14.6	23.5	18.0	72.0	14.369	12.3	0.0	0.0	0.0	
23	13.0	27.0	19.1	59.4	12.385	9.8	0.0	0.0	0.0	8.1
24	14.6	26.5	20.2	53.3	12.058	9.7	0.0	0.0	0.0	5.2
25	12.0	27.0	22.4	56.9	14.541	11.8	0.0	0.0	0.0	
26	13.0	25.5	18.6	66.4	13.364	11.0	0.0	0.0	0.0	7.1
27	12.7	27.0	18.7	60.6	12.494	10.0	0.0	0.0	0.0	
28	13.5	25.5	20.3	59.5	13.222	11.0	0.0	0.0	0.0	2.7
29	10.6	27.5	20.4	53.8	11.065	8.2	0.0	0.0	0.0	6.3
30	13.4	24.5	19.6	45.9	10.527	7.7	0.0	0.0	0.0	5.8
PROM.	13.1	25.3	19.1	65.4	13.671	11.3	16.3	1.7	18.0	

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	15.6	26.0	21.4	51.6	12.960	10.7	0.0	0.0	0.0	4.6
2	16.5	25.8	20.0	71.6	16.327	14.2	0.0	0.0	0.0	5.2
3	12.0	25.5	18.6	67.8	13.860	11.7	0.0	0.0	0.0	5.6
4	14.0	26.0	20.0	64.9	14.186	12.1	0.0	0.0	0.0	2.7
5	13.0	27.0	19.7	63.6	13.580	11.4	0.0	0.0	0.0	5.7
6	15.5	28.5	21.8	58.8	15.886	13.2	0.0	0.0	0.0	8.3
7	13.0	27.5	20.2	56.5	12.621	10.1	0.0	0.0	0.0	6.9
8	13.5	27.0	19.6	68.5	14.665	12.5	1.8	0.0	1.8	5.1
9	14.5	25.5	18.9	74.0	15.623	13.5	0.9	0.3	1.2	8.2
10	16.5	25.5	19.6	75.2	16.853	14.7	5.9	0.0	5.9	4.8
11	16.6	23.5	19.5	81.1	18.167	15.9	0.0	0.0	0.0	2.7
12	14.6	23.5	18.8	80.6	17.251	15.1	1.6	18.3	19.9	3.5
13	14.3	19.5	17.6	92.3	18.521	16.3	5.4	0.0	5.4	0.0
14	12.5	23.5	18.0	81.4	16.182	14.0	9.4	26.0	35.4	2.5
15	15.0	21.5	16.8	89.0	17.115	15.1	0.0	0.0	0.0	0.7
16	14.5	20.5	16.6	85.9	16.140	14.1	0.3	0.8	1.1	2.8
17	14.6	24.5	19.2	71.5	15.673	13.7	0.0	0.3	0.3	8.2
18	16.5	25.5	20.1	67.0	15.250	13.1	0.0	1.9	1.9	7.0
19	16.2	22.5	18.0	83.7	17.271	15.2	0.0	14.5	14.5	0.2
20	13.0	21.8	17.8	78.9	15.535	13.6	0.0	0.0	0.0	1.2
21	13.8	24.5	17.7	76.8	15.279	13.3	0.0	0.0	0.0	6.8
22	14.6	24.0	18.8	76.7	16.188	14.2	0.0	0.0	0.0	3.8
23	14.2	23.8	18.2	82.9	17.154	15.1	2.9	18.6	21.5	4.4
24	16.0	23.5	19.7	79.8	18.620	16.4	3.5	0.0	3.5	5.9
25	15.6	26.0	18.1	75.3	15.212	13.1	5.0	19.0	24.0	1.6
26	14.6	23.8	17.9	83.9	17.326	15.2	2.4	0.0	2.4	5.1
27	14.6	24.5	18.5	81.1	17.007	14.9	0.0	15.0	15.0	3.9
28	15.5	23.4	17.9	82.8	17.000	14.9	0.0	0.0	0.0	4.8
29	15.6	21.5	18.0	82.3	16.764	14.6	0.0	5.0	5.0	1.7
30	15.6	21.5	17.1	85.4	16.732	14.7	30.0	4.0	34.0	1.9
31	16.5	24.0	18.7	84.0	18.303	16.1	0.0	15.0	15.0	5.0
PROM.	14.8	24.3	18.8	76.0	16.105	14.0	69.1	138.7	207.8	130.8

ESTACION: MANUEL MEJIA  
 ALTITUD: 1.700

MUNICIPIO: TAMBO ANO: 1.983  
 LATITUD: 2-24 N. LONGITUD: 76-48 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	23.0	18.4	81.2	17.364	15.3	0.0	0.0	0.0	6.9
2	16.5	25.6	19.1	85.6	18.925	16.6	5.0	4.0	9.0	5.9
3	17.0	24.8	19.2	82.0	18.085	15.8	8.0	0.0	8.0	3.3
4	14.8	25.0	18.6	79.5	16.846	14.8	0.0	0.0	0.0	6.6
5	16.1	25.2	20.2	75.8	17.667	15.7	0.0	0.0	0.0	8.1
6	17.2	24.1	19.3	76.8	17.260	15.1	0.0	0.0	0.0	5.5
7	14.0	25.0	17.7	83.5	16.938	14.9	40.0	0.0	40.0	6.2
8	15.8	21.2	17.7	86.1	17.335	15.2	0.0	18.0	18.0	1.7
9	15.4	24.0	18.1	78.7	16.295	14.3	5.0	10.0	15.0	7.7
10	15.9	21.8	17.6	86.3	17.601	15.5	12.0	10.0	22.0	2.6
11	15.6	21.6	17.7	80.7	16.521	14.5	0.0	0.0	0.0	1.3
12	14.0	24.0	18.4	80.1	16.669	14.7	0.0	0.0	0.0	7.6
13	14.2	24.2	18.1	75.7	16.147	14.0	0.0	0.0	0.0	4.6
14	11.3	25.0	18.2	75.3	15.042	13.0	0.0	0.0	0.0	7.1
15	14.8	24.0	18.0	85.7	17.743	15.6	0.0	12.0	12.0	3.4
16	14.5	24.0	18.3	79.3	16.465	14.4	0.0	0.0	0.0	7.7
17	15.0	22.5	17.3	84.7	16.710	14.7	0.0	6.0	6.0	1.9
18	11.6	25.0	18.3	81.8	16.476	14.3	0.0	0.0	0.0	8.2
19	16.9	25.4	20.2	62.8	14.404	12.1	0.0	0.0	0.0	4.4
20	12.8	24.0	18.8	77.2	17.125	14.9	0.0	0.0	0.0	4.9
21	15.0	25.0	18.9	77.4	16.838	14.7	0.0	0.0	0.0	5.5
22	16.0	25.4	19.4	78.4	17.354	15.3	0.0	0.0	0.0	4.4
23	15.3	25.1	19.5	79.6	18.128	15.9	0.0	28.0	28.0	4.5
24	14.6	23.5	18.2	88.1	18.190	15.9	1.0	0.0	1.0	3.4
25	16.0	23.1	19.2	83.8	18.458	16.3	0.0	0.0	0.0	7.7
26	16.0	26.0	19.5	72.2	15.915	13.8	0.0	0.0	0.0	7.1
27	14.0	24.8	19.6	73.3	15.916	13.9	0.0	4.0	4.0	9.0
28	16.0	23.3	18.6	81.1	17.072	14.9	0.0	13.0	13.0	3.9
29	14.6	21.0	17.8	83.3	16.688	14.6	0.0	10.0	10.0	4.9
30	15.3	22.6	18.7	91.2	17.213	15.1	10.0	0.0	10.0	6.2
PROM.	15.1	24.0	18.6	80.2	16.989	14.9	81.0	115.0	196.0	162.2

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	15.5	23.0	18.1	83.6	17.260	15.2	0.0	0.0	0.0	3.1
2	16.0	24.6	18.0	80.5	16.767	14.7	30.0	19.0	49.0	5.2
3	16.0	22.2	17.7	83.7	17.018	14.9	4.0	22.0	26.0	
4	15.4	21.4	17.3	84.4	16.672	14.6	20.0	10.0	30.0	0.4
5	15.3	22.0	18.0	82.6	17.082	15.0	0.0	3.0	3.0	3.3
6	15.0	22.0	17.7	81.2	16.435	14.4	0.0	0.0	0.0	4.0
7	14.3	22.0	17.7	81.5	16.375	14.4	0.0	0.0	0.0	7.8
8	13.6	23.0	17.5	73.1	14.430	12.3	0.0	0.0	0.0	3.0
9	15.8	24.0	17.5	81.9	16.519	14.5	0.0	5.0	5.0	3.5
10	15.0	23.0	18.3	78.5	16.123	14.1	0.0	60.0	60.0	
11	14.6	21.0	17.6	84.3	16.756	14.7	0.0	1.0	1.0	4.2
12	15.5	22.4	17.4	81.9	16.493	14.5	2.0	7.0	9.0	5.2
13	14.5	22.0	17.5	79.6	15.599	13.6	0.0	0.0	0.0	6.7
14	13.6	22.3	17.8	81.9	16.596	14.6	4.0	0.0	4.0	4.5
15	15.4	22.7	18.2	84.5	17.550	15.4	0.0	0.0	0.0	3.9
16	16.0	21.3	17.2	88.5	17.618	15.5	0.0	58.0	58.0	1.4
17	15.5	21.0	16.8	83.6	16.132	14.2	0.0	0.0	0.0	1.5
18	15.8	21.4	17.5	79.1	15.714	13.7	15.0	0.0	15.0	2.5
19	15.6	23.1	17.8	81.7	16.621	14.6	0.0	10.0	10.0	5.8
20	15.0	21.0	17.7	86.0	17.373	15.3	0.0	0.0	0.0	
21	15.3	22.0	17.8	88.7	18.191	16.0	0.0	0.0	0.0	4.8
22	15.0	24.0	18.8	82.3	17.612	15.5	0.0	0.0	0.0	
23	14.6	22.8	17.0	81.9	15.829	13.8	0.0	0.0	0.0	
24	14.5	22.0	18.0	82.3	17.000	14.9	0.0	0.0	0.0	9.4
25	14.4	24.5	18.6	77.7	16.454	14.4	0.0	0.0	0.0	5.8
26	15.4	22.1	17.7	85.0	17.415	15.2	0.0	0.0	0.0	2.9
27	13.6	22.0	17.2	84.1	16.471	14.5	0.0	0.0	0.0	3.7
28	14.0	21.5	18.1	83.2	16.999	14.9	0.0	0.0	0.0	6.5
29	14.9	23.5	18.2	80.2	16.642	14.5	0.0	0.0	0.0	4.1
30	15.0	20.5	17.4	88.9	17.510	15.4	0.0	0.0	0.0	1.4
31	14.7	21.5	17.5	84.2	16.845	14.8	15.0	0.0	15.0	0.2
PROM.	15.0	22.3	17.7	82.6	16.713	14.6	90.0	195.0	285.0	

ESTACION: MANUEL MEJIA

MUNICIPIO TAMBO

AÑO: 1983

ALTITUD: 1700

LATITUD: 2-24 N.

LONGITUD: 76-48 W.

MESES	TEMPERATURA °C					Humedad relativa 0/0	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas	
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lloviznas		
ENERO	14.6	24.5	19.5	10.0	27.0	79.3	17.675	15.5	201.4	9	154.8	
FEBRERO	14.6	24.6	19.8	13.0	27.5	75.8	16.965	14.8	81.1	8		
MARZO	15.0	24.5	19.4	12.0	27.0	60.3	17.901	15.7	186.2	15		
ABRIL									197.2	18		
MAYO	15.3	24.4	19.2	13.5	27.0	62.8	18.330	16.1	178.3	18		
JUNIO	13.9	24.5	19.1	8.5	27.3	73.6	15.854	13.6	27.9	10		
JULIO	13.9	25.3	19.4	10.0	28.5	62.3	13.577	11.2	10.4	5		
AGOSTO	13.2	25.3	19.8	8.5	29.5	59.1	12.808	10.4	44.2	6		
SEPTIEMBRE	13.1	25.3	19.1	10.6	27.5	65.4	13.671	11.3	18.0	7		
OCTUBRE	14.8	24.3	18.8	12.0	28.5	76.0	16.105	14.0	207.8	18		130.8
NOVIEMBRE	15.1	24.0	18.6	11.3	26.0	80.2	16.989	14.9	196.0	14		162.2
DICIEMBRE	15.0	22.3	17.7	13.6	24.6	82.6	16.713	14.0	285.0	13		
PROMEDIO												
TOTAL									1633.5	141		

ESTACION: PUEBLO BELLO

MUNICIPIO: PUEBLO BELLO

1.983

ALTITUD: 1.000

LATITUD: 10-22 N.

LONGITUD: 73-36 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	14.0	30.0	21.1	79.5	20.013	17.5	0.0	0.0	0.0	6.6
2	14.4	29.9	20.8	83.8	21.619	18.7	0.0	0.0	0.0	4.6
3	14.5	29.5	21.2	83.4	21.315	18.5	1.1	0.0	1.1	6.6
4	13.5	29.0	22.2	80.7	21.336	18.5	0.0	0.0	0.0	7.2
5	15.0	30.6	21.8	79.4	20.697	17.9	0.0	0.0	0.0	6.7
6	15.0	31.0	22.1	78.3	20.350	17.7	0.0	0.0	0.0	8.6
7	15.8	31.0	23.2	79.7	22.564	19.4	0.0	0.0	0.0	4.6
8	15.6	31.6	22.4	78.4	21.180	18.4	0.0	0.0	0.0	7.7
9	15.0	31.8	24.0	76.9	22.059	18.9	0.0	0.0	0.0	9.1
10	15.0	31.8	21.2	79.2	20.144	17.5	0.0	0.0	0.0	9.2
11	15.0	30.5	22.4	80.6	21.292	18.4	0.0	0.0	0.0	6.3
12	15.0	30.0	24.1	74.7	21.629	18.5	0.0	0.0	0.0	7.9
13	17.6	28.5	22.8	78.2	21.363	18.5	0.0	0.0	0.0	7.2
14	14.6	30.0	21.1	71.2	17.614	15.4	0.0	0.0	0.0	8.3
15	13.1	29.9	20.5	72.5	16.999	14.9	0.0	0.0	0.0	8.9
16	13.0	30.5	20.0	73.0	17.001	14.8	0.0	0.0	0.0	8.0
17	14.4	31.7	21.4	74.6	19.107	16.8	0.0	0.0	0.0	7.9
18	15.6	31.6	22.6	73.1	19.809	17.3	0.0	0.0	0.0	7.2
19	15.5	31.3	22.8	74.1	20.045	17.4	0.0	0.0	0.0	7.9
20	17.1	31.0	22.9	75.2	20.988	18.1	0.0	0.0	0.0	7.9
21	15.5	32.0	23.2	72.9	20.241	17.6	0.0	0.0	0.0	7.6
22	16.0	31.5	24.3	73.9	22.136	19.1	0.0	0.0	0.0	7.3
23	17.0	32.3	24.0	74.7	21.521	18.6	0.0	0.0	0.0	8.0
24	16.3	31.5	24.4	71.2	20.960	18.2	0.0	0.0	0.0	8.0
25	16.5	32.0	23.7	72.8	20.657	18.0	0.0	0.0	0.0	8.5
26	16.8	31.0	23.6	75.6	22.081	19.0	0.0	0.0	0.0	6.7
27	16.6	30.0	22.6	79.6	21.748	18.8	0.0	12.0	12.0	
28	18.0	26.4	22.0	85.0	22.255	19.2	3.5	0.0	3.5	9.0
29	15.9	30.0	21.6	77.4	19.501	17.1	0.0	0.0	0.0	
30	16.0	27.4	21.1	80.1	19.941	17.4	0.0	0.0	0.0	4.6
31	17.0	28.6	21.9	81.0	21.428	18.6	0.0	0.0	0.0	3.5
PROM.	15.5	30.4	22.4	77.1	20.633	17.9	4.6	12.0	16.6	

## 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	14.0	29.6	22.1	68.2	17.264	15.2	0.0	0.0	0.0	9.3
2	14.3	30.2	23.2	70.2	18.895	16.4	0.0	0.0	0.0	2.7
3	15.0	30.5	22.3	74.2	19.318	16.5	0.0	0.0	0.0	8.3
4	15.6	29.5	22.6	70.3	18.559	16.3	0.0	0.0	0.0	8.4
5	14.5	30.3	23.6	63.7	17.250	15.2	0.0	0.0	0.0	8.2
6	15.0	31.0	23.7	68.5	18.601	16.2	0.0	0.0	0.0	8.3
7	14.5	30.5	22.3	75.4	19.863	17.3	0.0	0.0	0.0	5.7
8	15.5	30.0	22.1	78.8	20.320	17.7	0.0	0.0	0.0	7.6
9	14.4	29.0	21.1	70.1	16.960	14.9	0.0	0.0	0.0	8.4
10	13.0	30.0	20.3	68.8	15.109	13.0	0.0	0.0	0.0	9.3
11	13.4	30.0	21.3	73.4	17.605	15.4	0.0	0.0	0.0	8.6
12	13.0	30.0	22.5	70.5	17.850	15.6	0.0	0.0	0.0	6.9
13	14.5	30.0	23.5	72.1	19.495	16.9	0.0	0.0	0.0	5.6
14	17.0	29.5	22.5	79.4	21.438	18.6	0.0	0.0	0.0	5.6
15	14.4	32.5	24.5	66.4	18.734	16.3	0.0	0.0	0.0	9.4
16	15.0	32.9	23.3	70.1	18.797	16.5	0.0	0.0	0.0	9.0
17	15.8	31.0	23.3	74.7	20.378	17.7	0.0	0.0	0.0	6.9
18	17.0	30.0	23.3	74.3	20.416	17.8	0.0	0.0	0.0	5.6
19	17.0	32.0	24.3	75.3	22.032	19.0	0.0	0.0	0.0	8.5
20	16.4	31.5	24.4	72.1	20.640	17.9	0.0	0.0	0.0	7.5
21	17.0	31.9	24.4	70.7	20.876	18.2	0.0	0.0	0.0	4.2
22	18.0	32.3	25.2	73.4	22.593	19.4	0.0	0.0	0.0	8.8
23	16.4	32.8	24.3	69.1	20.159	17.6	0.0	0.0	0.0	6.9
24	18.4	31.0	24.0	75.2	21.804	18.9	0.0	0.0	0.0	5.1
25	17.3	32.6	22.7	79.9	22.116	19.1	44.8	3.0	47.8	4.6
26	18.0	32.5	24.9	79.7	24.739	20.9	0.0	0.0	0.0	7.9
27	17.7	31.0	22.1	82.7	22.330	19.2	25.7	0.0	25.7	4.5
28	17.4	30.9	23.7	75.4	21.866	18.9	0.0	0.0	0.0	6.7
PROM.	15.7	30.9	23.1	73.0	19.857	17.3	70.5	3.0	73.5	198.9

ESTACION: PUEBLO BELLO

MUNICIPIO: PUEBLO BELLOANO:

1.983

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	19.0	30.0	24.2	73.8	21.354	18.5	0.0	0.0	0.0	6.1
2	19.0	30.5	24.7	75.7	23.073	19.8	0.0	0.0	0.0	
3	16.5	30.6	23.5	71.5	20.098	17.6	0.0	0.0	0.0	
4	16.4	31.0	24.5	69.9	20.933	18.2	0.0	0.0	0.0	8.7
5	16.4	32.0	22.4	66.7	17.062	14.9	0.0	0.0	0.0	
6	17.6	30.0	22.9	75.4	20.502	17.9	0.0	0.0	0.0	7.9
7	18.3	28.0	22.3	78.7	20.943	18.2	0.0	0.0	0.0	
8	16.7	28.5	23.2	75.5	20.699	18.0	0.0	0.0	0.0	1.4
9	17.0	30.0	23.4	80.7	22.639	19.4	4.3	0.0	4.3	
10	17.2	30.5	22.7	82.5	22.465	19.3	2.1	0.0	2.1	
11	17.4	28.5	22.4	83.3	22.352	19.2	2.4	9.0	11.4	
12	19.0	25.5	21.7	86.4	22.702	19.5	0.0	0.0	0.0	
13	15.6	28.5	22.0	76.7	19.646	17.2	0.0	0.0	0.0	
14	16.4	31.0	24.8	75.4	22.352	19.2	4.3	0.7	5.0	
15	18.6	31.0	24.5	79.2	23.733	20.2	0.0	0.0	0.0	
16	18.2	31.5	23.5	81.9	23.534	20.1	5.2	31.0	36.2	
17	18.4	25.8	20.4	87.3	21.018	18.3	6.1	0.0	6.1	
18	17.0	29.0	22.8	80.5	22.135	19.1	0.0	0.0	0.0	
19	16.4	32.0	22.6	71.4	18.717	16.4	0.0	0.0	0.0	
20	15.0	32.6	25.0	67.3	19.379	16.8	0.0	0.0	0.0	
21	17.3	32.0	24.0	76.6	21.915	18.9	0.0	0.0	0.0	
22	17.0	30.0	21.7	78.3	20.673	17.9	0.7	0.0	0.7	
23	16.6	31.4	22.6	60.8	16.399	14.3	0.0	0.0	0.0	
24	13.6	31.0	21.5	64.5	15.317	13.3	0.0	0.0	0.0	
25	15.6	30.0	22.8	73.4	19.744	17.3	0.0	0.0	0.0	
26	15.6	30.0	22.6	70.1	18.553	16.3	0.0	0.0	0.0	
27	16.4	31.0	22.3	69.3	17.622	15.5	0.0	0.0	0.0	
28	15.4	31.0	22.0	68.4	17.235	15.2	0.0	0.0	0.0	
29	14.2	32.0	23.4	67.3	17.670	15.4	0.0	0.0	0.0	
30	16.3	31.2	24.3	67.8	19.431	17.0	0.0	0.0	0.0	
31	16.3	31.6	23.2	67.4	18.551	16.3	0.0	0.0	0.0	
PROM.	16.8	30.2	23.0	74.3	20.272	17.6	25.1	40.7	65.8	

## 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	17.0	32.0	23.2	72.6	19.511	17.0	0.0	42.0	42.0	4.0
2	18.4	31.7	22.8	77.7	21.149	18.3	0.0	0.0	0.0	
3	17.2	29.6	21.9	80.4	20.653	17.9	0.5	0.0	0.5	
4	15.5	31.0	22.7	78.3	20.939	18.1	0.0	0.0	0.0	
5	16.8	30.0	23.3	68.4	18.110	15.6	0.0	0.0	0.0	
6	15.3	30.0	21.5	78.0	19.387	17.0	0.4	0.0	0.4	
7	16.2	26.0	21.2	82.5	20.547	17.9	0.7	0.0	0.7	
8	14.4	28.0	20.6	77.7	18.396	16.2	0.0	0.0	0.0	
9	16.0	29.0	22.6	73.5	19.357	17.0	0.1	3.1	3.2	
10	19.0	28.5	21.1	81.4	20.673	18.0	27.2	10.4	37.6	
11	18.4	26.0	20.4	88.0	21.510	18.6	0.8	0.0	0.8	
12	17.4	27.3	21.7	84.5	22.305	19.2	0.2	0.0	0.2	
13	16.4	28.0	22.0	77.7	20.284	17.7	0.0	0.0	0.0	
14	16.3	28.6	22.3	76.5	20.155	17.6	0.0	0.0	0.0	
15	17.4	30.0	23.0	78.5	21.570	18.7	0.0	0.0	0.0	
16	16.3	28.8	21.5	82.2	21.414	18.6	0.0	2.2	2.2	
17	18.0	26.6	21.0	83.3	20.790	18.1	0.0	0.0	0.0	
18	19.0	24.0	21.2	87.0	21.878	18.9	2.4	0.0	2.4	
19	15.6	28.8	22.9	82.9	22.811	19.6	5.1	0.0	5.1	
20	16.3	30.0	22.3	83.3	22.340	19.2	19.2	0.0	19.2	
21	18.0	28.0	21.8	84.2	22.333	19.2	12.5	0.2	12.7	
22	19.6	25.8	21.9	86.9	23.049	19.8	16.4	0.0	16.4	
23	16.3	28.6	21.8	79.8	20.477	17.9	9.4	0.0	9.4	
24	17.3	28.6	22.9	80.9	23.059	19.8	1.1	0.0	1.1	
25	18.4	28.0	21.7	84.2	22.128	19.1	2.4	0.9	3.3	
26	16.3	26.8	20.7	85.4	21.629	18.7	30.0	2.5	32.5	
27	16.0	26.6	20.1	86.1	20.981	18.2	17.5	0.0	17.5	
28	15.0	26.3	20.9	85.5	21.359	18.5	12.3	5.5	17.8	
29	16.3	23.0	20.7	86.6	20.984	18.2	0.0	0.0	0.0	
30	16.5	27.0	22.1	82.1	21.718	18.8	0.7	0.0	0.7	
PROM.	16.9	28.1	21.8	81.2	21.050	18.2	158.9	66.8	225.7	

ESTACION: PUEBLO BELLO

MUNICIPIO: PUEBLO BELLOAÑO:

1.983

ALTITUD: 1.000

LATITUD: 10-22 N.

LONGITUD: 73-38 W.

## M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	23.6	20.1	86.9	20.439	17.8	1.3	0.0	1.3	0.3
2	17.3	28.6	21.3	81.0	21.221	18.4	34.2	6.6	40.8	6.0
3	15.3	27.5	19.8	86.8	20.499	17.9	33.7	0.3	34.0	4.6
4	16.3	28.0	22.1	81.2	21.537	18.7	2.4	0.1	2.5	6.4
5	17.4	28.5	21.2	82.5	21.508	18.6	0.0	0.2	0.2	5.1
6	17.3	28.3	22.2	84.8	22.948	19.7	20.5	0.1	20.6	5.3
7	17.3	27.5	21.0	87.1	22.222	19.1	14.5	0.0	14.5	6.1
8	17.3	27.5	22.4	83.2	22.559	19.4	0.0	0.0	0.0	1.3
9	17.6	28.0	20.0	90.3	21.112	18.3	7.2	0.0	7.2	4.2
10	18.0	28.5	23.2	84.4	24.086	20.4	0.0	0.0	0.0	7.1
11	15.3	29.0	22.7	79.7	21.689	18.8	0.0	0.0	0.0	10.0
12	17.5	28.5	22.8	83.2	22.990	19.7	0.0	0.0	0.0	5.6
13	17.4	30.0	22.3	77.5	20.550	17.8	0.2	7.2	7.4	4.3
14	18.3	29.5	21.6	82.8	21.566	18.7	0.0	24.8	24.8	6.3
15	18.0	28.5	22.2	82.3	22.013	19.0	1.5	0.0	1.5	3.1
16	17.0	27.0	22.0	82.2	21.736	18.8	1.0	7.4	8.4	5.3
17	15.6	27.3	20.9	84.1	20.511	17.8	14.7	2.0	16.7	6.6
18	17.4	27.0	21.9	84.8	22.275	19.2	4.3	0.4	4.7	5.6
19	18.0	24.8	19.7	93.7	21.288	18.5	34.2	0.0	34.2	1.8
20	17.0	25.4	21.5	85.4	21.582	18.7	0.0	0.0	0.0	5.7
21	16.0	26.4	21.3	83.1	20.850	18.1	0.0	0.8	0.8	6.6
22	15.3	26.6	20.9	82.3	20.132	17.6	1.2	0.0	1.2	6.8
23	15.6	29.0	22.6	80.0	21.451	18.6	0.1	0.0	0.1	6.0
24	16.0	29.5	23.4	77.8	21.691	18.7	0.0	0.0	0.0	8.5
25	17.0	30.0	21.7	84.3	22.067	19.0	5.1	0.0	5.1	7.5
26	17.0	29.5	21.8	83.2	21.980	19.0	0.3	0.0	0.3	6.1
27	18.0	29.0	22.5	83.7	22.698	19.5	14.4	0.0	14.4	4.5
28	18.0	24.0	20.1	89.8	21.840	18.9	12.5	6.4	18.9	3.2
29	18.0	29.0	22.6	82.5	22.592	19.4	0.0	1.4	1.4	6.4
30	18.0	29.0	21.6	79.3	20.585	17.9	0.7	0.0	0.7	1.4
31	17.0	29.5	23.3	80.9	22.560	19.3	0.0	0.3	0.3	7.8
PROM.	17.0	27.9	21.7	83.6	21.702	18.8	204.0	58.0	262.0	165.5

## M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	29.5	23.5	80.1	22.951	19.7	0.0	0.0	0.0	10.4
2	20.5	30.0	23.8	83.8	24.943	21.0	6.3	0.0	6.3	5.2
3	19.0	29.5	22.6	85.0	23.239	19.9	7.5	16.2	23.7	6.4
4	18.0	24.5	19.8	92.3	22.136	19.0	3.4	0.5	3.9	4.1
5	20.0	29.5	22.2	84.6	22.865	19.6	5.8	0.0	5.8	3.6
6	17.0	28.8	21.6	81.5	21.141	18.4	2.0	2.6	4.6	5.7
7	18.5	27.5	21.8	87.1	23.135	19.8	2.8	0.6	3.4	5.4
8	19.0	26.3	20.8	89.2	22.375	19.3	10.3	0.0	10.3	0.4
9	17.5	28.5	22.7	83.3	22.660	19.5	0.0	0.0	0.0	6.0
10	18.5	29.6	21.7	82.0	21.875	18.9	18.3	0.0	18.3	6.6
11	17.5	29.4	21.3	82.6	21.450	18.6	51.0	9.7	60.7	6.9
12	17.5	28.6	22.0	82.1	21.824	18.9	0.0	0.0	0.0	7.4
13	17.0	29.6	22.0	75.7	19.200	16.8	0.0	2.8	2.8	6.6
14	19.0	28.5	21.3	86.1	22.488	19.3	25.4	0.1	25.5	2.8
15	16.5	29.6	22.1	79.8	21.468	18.6	19.7	0.0	19.7	7.9
16	17.5	29.5	23.0	80.3	22.081	19.1	0.1	15.6	15.7	6.6
17	17.4	28.5	22.1	80.0	20.877	18.1	0.0	0.0	0.0	3.8
18	17.5	29.6	21.4	83.6	21.553	18.7	4.2	0.0	4.2	8.1
19	17.5	30.8	23.6	78.2	22.259	19.2	0.0	0.0	0.0	9.1
20	17.5	30.9	23.0	76.4	21.102	18.3	0.0	0.0	0.0	8.6
21	17.0	29.3	22.8	79.9	21.882	18.9	0.0	0.0	0.0	0.0
22	17.5	30.0	23.3	76.1	21.567	18.7	0.0	0.0	0.0	9.4
23	17.5	29.9	23.0	73.1	19.993	17.5	0.0	0.0	0.0	7.8
24	16.5	30.6	22.7	68.5	17.823	15.6	0.0	0.0	0.0	10.5
25	17.5	30.0	20.2	83.4	20.319	17.7	37.2	3.6	40.8	2.2
26	16.4	29.5	22.7	78.4	21.184	18.4	0.0	0.0	0.0	7.4
27	17.0	28.5	22.7	79.5	21.544	18.6	0.0	0.0	0.0	3.6
28	17.5	27.5	21.9	82.0	21.261	18.5	0.0	0.0	0.0	8.1
29	16.0	29.0	22.7	76.4	20.776	18.0	0.0	0.0	0.0	5.8
30	17.5	28.6	22.7	84.7	22.901	19.6	0.0	0.4	0.4	4.4
PROM.	17.7	29.1	22.2	81.2	21.656	18.7	194.0	52.1	246.1	160.1

ESTACION: PUEBLO BELLO

MUNICIPIO: PUEBLO BELLOAÑO:

1.983

ALTITUD: 1.000

LATITUD: 10-22 N.

LONGITUD: 73-38 W.

## M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	28.6	23.0	78.1	21.616	18.7	0.0	0.0	0.0	4.4
2	17.3	27.6	22.3	82.0	21.580	18.7	0.0	0.0	0.0	4.1
3	19.5	28.0	23.3	82.3	23.338	19.9	0.0	0.0	0.0	6.4
4	17.0	30.5	23.3	72.2	19.892	17.4	0.0	0.0	0.0	9.9
5	18.0	26.9	20.8	85.5	21.455	18.6	34.3	1.3	35.6	9.6
6	17.0	26.5	21.4	84.3	21.360	18.5	1.6	0.0	1.6	6.2
7	17.5	26.6	22.0	82.1	21.717	18.8	8.0	0.0	8.0	7.8
8	17.3	28.0	22.1	78.9	20.471	17.9	0.0	0.0	0.0	10.1
9	17.6	27.9	20.6	85.6	21.013	18.3	27.5	0.0	27.5	5.3
10	17.5	28.0	20.4	87.2	21.536	18.6	23.0	0.0	23.0	8.0
11	17.6	25.6	21.4	87.0	22.071	19.0	0.0	0.0	0.0	7.6
12	16.5	27.3	21.3	85.5	21.446	18.6	0.0	0.0	0.0	9.5
13	17.5	28.8	22.8	77.9	21.083	18.3	0.0	0.0	0.0	7.3
14	15.6	28.3	21.8	81.7	21.091	18.3	0.0	0.0	0.0	7.1
15	17.5	26.5	20.0	86.4	20.957	18.2	10.0	0.0	10.0	3.7
16	15.5	27.5	22.3	80.9	21.585	18.7	0.0	0.0	0.0	7.0
17	17.5	27.7	21.4	83.8	21.410	18.6	0.0	0.0	0.0	5.6
18	16.5	26.3	22.1	81.3	21.296	18.5	0.0	0.0	0.0	8.1
19	15.5	28.3	23.3	75.4	20.424	17.7	0.0	0.0	0.0	8.4
20	16.0	29.0	23.1	76.7	21.018	18.3	0.0	0.0	0.0	9.5
21	17.0	30.5	23.1	71.9	19.748	17.2	0.0	0.0	0.0	8.8
22	17.5	28.0	22.7	76.3	20.511	17.9	0.0	2.1	2.1	7.2
23	18.5	26.0	22.1	85.4	22.737	19.5	0.0	71.2	71.2	0.9
24	15.5	26.3	22.1	75.7	19.479	17.1	0.0	0.0	0.0	9.3
25	14.5	29.0	23.2	72.3	19.496	17.0	0.0	0.0	0.0	10.4
26	15.5	29.0	22.6	76.8	20.247	17.6	0.0	0.0	0.0	7.8
27	16.0	28.0	21.7	80.7	20.603	17.9	0.0	0.0	0.0	7.5
28	16.6	27.0	20.9	85.5	21.287	18.5	4.2	0.0	4.2	4.4
29	16.5	28.2	21.7	80.9	20.396	17.8	0.0	15.1	15.1	8.2
30	14.5	27.0	21.5	85.2	21.451	18.5	0.0	0.0	0.0	9.9
31	15.0	28.0	21.3	82.3	20.409	17.7	1.6	0.9	2.5	8.8
PROM.	16.8	28.0	22.0	80.9	21.056	18.3	110.2	90.6	200.8	228.8

## M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	28.0	22.3	85.3	22.807	19.6	0.0	1.8	1.8	6.1
2	19.5	26.3	21.9	86.6	22.666	19.5	0.0	0.0	0.0	1.7
3	17.0	27.3	22.4	82.3	21.669	18.7	0.0	0.0	0.0	8.7
4	16.5	28.6	22.4	76.1	20.107	17.6	0.0	0.0	0.0	8.7
5	17.5	28.9	22.0	80.9	21.426	18.6	0.0	17.6	17.6	6.5
6	18.5	28.0	20.9	87.6	22.299	19.2	22.7	3.9	26.6	4.8
7	17.2	27.5	22.0	83.2	21.607	18.7	0.0	1.1	1.1	6.9
8	16.1	27.5	20.6	85.1	20.573	17.9	1.1	0.0	1.1	7.4
9	14.4	28.5	22.6	75.6	19.894	17.4	0.0	0.0	0.0	5.4
10	15.6	28.1	22.3	78.5	20.678	18.0	0.0	0.0	0.0	6.3
11	16.5	28.6	21.1	80.4	20.352	17.7	0.0	0.0	0.0	10.2
12	13.6	28.8	22.1	73.9	18.792	16.5	0.0	0.0	0.0	8.6
13	14.6	28.6	22.3	77.5	19.894	17.3	0.0	0.0	0.0	9.6
14	16.5	29.3	22.3	80.6	21.363	18.5	0.0	0.0	0.0	7.3
15	17.5	29.5	20.9	82.9	20.639	18.0	13.6	0.0	13.6	6.3
16	15.5	29.0	20.9	85.0	21.570	18.6	9.4	0.0	9.4	6.3
17	16.5	28.4	20.2	83.2	20.145	17.6	66.3	0.5	66.8	7.0
18	16.0	28.2	20.6	81.8	19.844	17.4	2.3	1.8	4.1	7.1
19	17.9	25.5	20.3	87.3	21.523	18.6	6.4	0.6	7.0	4.3
20	15.6	26.3	21.1	86.1	21.297	18.5	0.0	0.8	0.8	6.9
21	17.5	26.8	20.3	84.1	19.861	17.4	0.0	0.0	0.0	6.3
22	18.0	27.5	21.7	81.1	21.383	18.6	1.6	0.0	1.6	7.7
23	16.3	27.0	21.0	82.0	20.087	17.6	0.0	0.0	0.0	1.9
24	15.6	25.5	20.9	81.8	19.804	17.3	0.0	0.0	0.0	2.1
25	16.1	27.0	19.8	84.0	19.573	17.2	10.0	0.3	10.3	2.1
26	16.6	26.0	20.8	85.5	21.064	18.3	0.0	0.0	0.0	4.2
27	15.4	27.3	20.5	84.8	20.236	17.6	3.2	0.0	3.2	7.7
28	16.5	26.5	20.0	87.7	20.875	18.1	25.0	0.0	25.0	5.4
29	17.6	26.0	21.6	84.0	21.650	18.8	0.0	2.5	2.5	7.0
30	18.6	27.0	22.1	82.2	21.927	19.0	0.0	0.0	0.0	2.6
31	15.5	28.0	19.9	83.0	19.511	17.1	2.6	0.0	2.6	6.3
PROM.	16.5	27.6	21.3	82.6	20.810	18.1	164.2	30.9	195.1	189.4

ESTACION: PUEBLO BELLO

MUNICIPIO: PUEBLO BELLOANO:

1.983

ALTITUD: 1.000

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	15.6	28.5	21.7	83.4	21.335	18.4	5.3	4.4	9.7	8.3
2	18.0	27.0	22.2	82.4	21.666	18.7	3.0	0.0	3.0	4.2
3	17.0	28.0	21.9	81.6	21.154	18.4	0.0	0.0	0.0	
4	15.6	26.8	22.6	80.2	21.722	18.8	0.0	0.0	0.0	9.0
5	16.6	27.5	22.6	81.5	22.272	19.2	0.0	7.2	7.2	8.2
6	17.0	26.6	20.7	85.4	21.046	18.3	48.0	9.0	57.0	6.9
7	16.6	26.4	21.0	80.2	19.801	17.3	0.0	0.7	0.7	4.7
8	18.0	26.5	21.6	82.0	21.157	18.4	0.5	0.0	0.5	
9	17.5	26.5	21.6	85.8	22.419	19.3	0.0	0.0	0.0	3.7
10	15.5	26.5	21.8	84.8	21.897	18.9	0.0	0.8	0.8	6.4
11	17.0	24.5	21.0	78.0	19.423	16.9	0.0	0.3	0.3	1.0
12	16.0	26.0	19.0	85.9	19.642	17.1	27.5	13.3	40.8	5.1
13	14.5	27.5	21.1	78.5	19.229	16.9	0.0	0.0	0.0	6.7
14	16.5	26.0	20.0	87.9	21.040	18.3	1.1	0.0	1.1	
15	14.6	26.6	21.5	85.1	21.678	18.7	0.0	0.0	0.0	8.6
16	16.3	27.3	21.1	84.8	21.019	18.2	2.4	41.1	43.5	7.0
17	17.3	25.5	22.2	85.6	22.632	19.4	0.0	0.0	0.0	2.7
18	18.0	26.5	20.1	87.7	21.229	18.4	12.1	0.0	12.1	4.6
19	17.0	26.5	19.9	86.8	21.162	18.3	13.6	0.0	13.6	5.5
20	15.0	26.0	21.1	85.7	21.386	18.5	0.1	20.8	20.9	6.6
21	16.2	26.5	21.3	82.6	20.928	18.2	0.0	0.8	0.8	6.6
22	15.2	26.6	20.2	83.0	19.972	17.5	5.1	0.0	5.1	7.4
23	15.2	26.9	21.1	80.2	19.903	17.4	0.0	0.0	0.0	5.6
24	16.2	26.5	21.3	86.5	22.059	19.1	0.0	14.7	14.7	6.4
25	16.3	27.9	22.0	78.5	20.720	18.1	0.0	0.0	0.0	6.4
26	16.0	28.0	22.1	85.4	22.664	19.5	0.3	0.0	0.3	6.7
27	18.1	28.0	22.5	84.1	22.708	19.5	0.0	0.0	0.0	6.7
28	16.1	26.0	21.1	86.3	21.961	19.0	2.3	6.2	8.5	7.1
29	15.4	28.5	23.6	78.2	22.678	19.5	0.0	0.0	0.0	7.0
30	15.0	28.0	20.5	81.5	20.051	17.5	6.2	1.0	7.2	5.9
PROM.	16.3	26.9	21.3	83.3	21.218	18.4	124.5	120.3	244.8	

## M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.1	26.0	20.8	79.3	19.506	17.1	0.3	7.3	7.6	2.8
2	15.3	27.0	20.8	84.2	20.639	18.0	9.5	64.0	73.5	7.6
3	17.1	27.0	19.7	87.7	20.955	18.2	57.9	2.2	60.1	5.6
4	16.0	27.3	21.4	85.0	21.552	18.6	0.0	3.1	3.1	8.5
5	16.6	28.0	20.8	81.9	20.315	17.8	0.0	0.0	0.0	7.1
6	15.6	28.3	21.1	82.2	20.568	17.9	0.0	0.0	0.0	8.4
7	16.0	28.0	19.5	85.6	20.001	17.4	23.0	4.6	27.6	7.5
8	16.1	25.0	19.4	87.5	19.723	17.3	0.0	0.0	0.0	4.5
9	16.0	26.5	19.4	83.1	19.565	17.1	16.7	0.0	16.7	6.2
10	16.0	26.3	20.3	87.7	21.565	18.7	16.1	0.0	16.1	6.2
11	15.3	27.1	21.9	81.7	21.206	18.4	0.0	0.0	0.0	7.1
12	17.0	27.0	21.8	84.1	21.935	19.0	1.1	0.0	1.1	7.5
13	15.6	27.5	20.0	84.6	20.258	17.7	32.0	0.0	32.0	7.0
14	16.2	25.5	20.2	85.4	20.337	17.8	0.0	5.9	5.9	2.5
15	17.3	23.0	19.8	87.1	20.007	17.5	0.4	0.7	1.1	0.4
16	16.3	24.0	19.7	87.4	20.527	17.9	3.0	4.9	7.9	4.3
17	15.5	23.6	18.9	86.2	18.984	16.6	7.9	0.0	7.9	4.5
18	14.0	25.6	19.3	83.2	19.066	16.7	10.7	0.0	10.7	4.7
19	14.5	26.5	19.6	87.8	20.563	17.8	10.9	0.0	10.9	6.9
20	15.5	24.9	20.1	85.1	20.211	17.7	7.5	3.0	10.5	2.9
21	16.5	26.5	19.7	83.7	19.550	17.1	0.0	0.4	0.4	5.8
22	15.2	26.5	20.8	83.4	20.432	17.8	0.3	0.0	0.3	7.3
23	15.4	26.5	21.3	85.7	21.292	18.4	4.3	0.5	4.8	8.7
24	16.5	26.0	21.9	87.3	22.651	19.4	0.0	0.0	0.0	7.1
25	16.0	23.0	21.5	82.4	21.220	18.4	11.8	8.1	19.9	5.4
26	17.5	26.5	21.9	86.6	22.713	19.5	2.9	0.0	2.9	5.9
27	17.0	27.5	21.6	83.1	21.334	18.5	0.0	0.0	0.0	7.2
28	17.0	27.8	21.5	79.6	20.140	17.6	0.0	0.0	0.0	6.7
29	16.5	26.0	19.6	91.0	21.035	18.3	0.0	0.0	0.0	4.3
30	15.8	27.5	20.1	85.7	20.178	17.6	25.7	0.4	26.1	4.7
31	16.0	24.8	19.2	83.0	18.559	16.3	1.5	7.8	9.3	3.2
PROM.	16.0	26.4	20.4	84.8	20.536	17.9	243.5	132.9	376.4	178.5

ESTACION: PUEBLO BELLO  
 ALTITUD: 1.000

MUNICIPIO: PUEBLO BELLOANO: 1.983  
 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	15.5	26.5	20.8	79.9	19.668	17.3	0.0	0.0	0.0	5.1
2	15.5	26.5	20.6	80.4	19.402	16.9	0.0	0.0	0.0	6.5
3	15.0	27.5	21.2	82.8	20.997	18.1	0.0	0.0	0.0	7.8
4	16.0	28.0	21.8	82.1	21.363	18.5	0.0	0.0	0.0	6.6
5	16.0	29.0	22.1	75.2	19.321	16.9	0.0	0.0	0.0	6.1
6	15.0	28.0	19.8	81.0	19.179	16.7	25.1	0.0	25.1	6.3
7	18.0	28.5	20.4	80.9	19.942	17.4	3.0	0.0	3.0	3.5
8	13.5	27.5	21.5	81.8	20.651	17.4	0.0	0.0	0.0	7.6
9	15.5	27.0	22.1	81.3	21.491	18.6	0.0	3.2	3.2	7.1
10	15.0	27.2	21.4	81.3	20.547	17.9	0.0	5.7	5.7	7.2
11	17.5	26.5	20.2	84.3	20.668	18.0	33.9	0.1	34.0	4.5
12	15.0	26.0	21.5	83.4	21.069	18.3	0.5	14.2	14.7	7.6
13	14.6	27.0	21.7	82.8	21.326	18.4	0.0	0.0	0.0	7.5
14	15.0	28.5	20.8	84.2	20.670	18.0	0.2	0.0	0.2	6.3
15	15.0	27.2	21.2	84.2	21.111	18.4	0.0	25.6	25.6	7.1
16	14.0	28.0	21.3	80.2	19.863	17.3	0.0	0.0	0.0	7.4
17	14.5	29.5	21.6	92.1	21.225	18.3	0.0	0.3	0.3	7.3
18	16.5	28.4	22.4	33.6	22.507	19.3	0.0	0.0	0.0	8.6
19	15.0	29.2	21.6	81.8	21.171	18.3	0.0	0.0	0.0	9.3
20	15.0	30.0	22.0	77.1	19.802	17.3	0.0	0.0	0.0	9.2
21	16.0	29.8	22.7	83.5	22.791	19.5	0.0	0.0	0.0	8.8
22	16.0	28.5	21.6	81.8	20.933	18.2	0.0	0.0	0.0	4.1
23	14.0	28.6	23.1	78.7	21.370	18.4	0.0	0.0	0.0	8.7
24	14.5	28.0	21.3	79.1	20.329	17.7	0.0	0.0	0.0	7.8
25	14.5	28.2	22.0	78.6	20.385	17.8	0.0	0.0	0.0	8.1
26	14.5	29.8	23.3	78.1	21.592	18.6	0.0	0.0	0.0	7.5
27	15.5	29.4	23.4	76.7	21.365	18.5	0.0	0.0	0.0	7.7
28	15.5	28.2	23.2	79.0	21.622	18.7	0.0	0.0	0.0	6.7
29	15.5	27.8	22.1	79.7	20.795	18.1	0.0	0.0	0.0	8.5
30	14.5	28.4	22.3	79.1	20.780	18.1	0.0	0.0	0.0	7.1
PROM.	15.3	28.1	21.7	80.8	20.798	18.0	62.7	49.1	111.8	213.6

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	14.5	28.8	21.6	79.1	19.939	17.4	0.0	0.0	0.0	8.2
2	15.4	27.2	20.9	81.3	19.668	17.2	0.0	0.0	0.0	8.4
3	14.2	28.1	21.3	80.9	20.125	17.5	0.0	0.0	0.0	6.6
4	14.0	27.8	22.7	80.4	21.681	18.7	0.0	9.8	9.8	7.8
5	15.5	27.2	21.3	79.6	19.793	17.3	0.0	0.0	0.0	8.4
6	14.0	27.8	20.1	78.7	18.196	16.0	0.0	0.0	0.0	8.2
7	12.1	27.6	19.8	80.1	17.994	15.8	0.0	0.0	0.0	7.8
8	12.5	28.5	21.2	78.4	19.068	16.7	0.0	0.0	0.0	8.8
9	13.5	27.8	21.7	76.8	19.126	16.7	0.0	0.0	0.0	7.9
10	14.0	26.5	21.5	80.3	19.986	17.4	0.0	0.0	0.0	5.1
11	13.0	28.4	22.8	75.6	19.755	17.1	0.0	0.0	0.0	7.7
12	14.5	27.0	21.0	81.5	19.839	17.3	0.0	0.0	0.0	6.0
13	15.0	27.0	21.1	77.8	19.239	16.8	0.0	0.0	0.0	6.6
14	14.0	28.0	21.2	81.3	20.118	17.5	0.0	0.0	0.0	5.3
15	14.5	29.2	21.8	78.8	20.186	17.6	0.0	0.0	0.0	5.6
16	15.0	27.5	21.3	78.5	19.670	17.2	0.0	0.0	0.0	5.8
17	14.5	28.0	21.0	81.9	20.209	17.6	22.0	0.0	22.0	7.6
18	14.6	28.0	22.2	81.9	21.241	18.3	0.0	0.0	0.0	6.4
19	14.5	29.0	20.4	81.6	19.351	17.0	0.0	0.0	0.0	5.1
20	15.5	28.0	21.5	79.6	20.023	17.5	0.0	0.0	0.0	8.1
21	15.5	28.0	22.4	77.3	20.452	17.8	0.0	0.0	0.0	7.9
22	14.5	28.6	21.9	78.0	19.936	17.4	0.0	0.0	0.0	9.3
23	15.0	29.7	22.5	75.4	19.533	17.0	0.0	0.0	0.0	9.3
24	13.0	29.1	23.1	78.9	21.395	18.3	0.0	0.0	0.0	8.5
25	16.5	29.2	23.4	77.2	21.174	18.3	0.0	0.0	0.0	8.9
26	15.5	28.7	22.7	78.2	20.875	18.1	0.0	0.0	0.0	8.2
27	15.5	29.8	23.2	71.9	19.476	17.1	0.0	0.0	0.0	7.5
28	16.5	31.5	22.4	60.1	15.993	14.0	0.0	0.0	0.0	8.8
29	12.0	29.7	19.8	68.8	14.931	12.9	0.0	0.0	0.0	9.9
30	13.0	29.2	21.8	67.7	16.407	14.1	0.0	0.0	0.0	9.5
31	15.5	29.4	22.0	68.7	17.581	15.4	0.0	0.0	0.0	8.5
PROM.	14.4	28.4	21.7	77.3	19.450	16.9	22.0	9.8	31.8	233.5

ESTACION: PUEBLO BELLO

MUNICIPIO PUEBLO BELLO

AÑO: 1.983

ALTITUD: 1.000

LATITUD: 10-22 N.

LONGITUD: 73-38 W.

MESES	TEMPERATURA °C					Humedad relativa o/g	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.5	30.4	22.4	13.0	32.3	77.1	20.633	17.9	16.6	3	
FEBRERO	15.7	30.9	23.1	13.0	32.9	73.0	19.857	17.3	73.5	2	198.9
MARZO	16.6	30.2	23.0	13.6	32.6	74.3	20.272	17.6	65.8	7	
ABRIL	16.9	28.1	21.8	14.4	32.0	81.2	21.050	18.2	225.7	21	
MAYO	17.0	27.9	21.7	15.3	30.0	83.6	21.702	18.8	262.0	25	165.5
JUNIO	17.7	29.1	22.2	16.0	30.9	81.2	21.696	18.7	246.1	16	180.8
JULIO	16.8	28.0	22.0	14.5	30.5	80.9	21.056	18.3	200.8	11	228.8
AGOSTO	16.5	27.6	21.3	13.6	29.5	82.6	20.810	18.1	195.1	17	189.4
SEPTIEMBRE	16.3	26.9	21.3	14.5	28.5	83.3	21.218	18.4	244.8	19	
OCTUBRE	16.0	26.4	20.4	14.0	28.3	84.8	20.536	17.9	376.4	23	178.5
NOVIEMBRE	15.3	28.1	21.7	13.5	30.0	80.8	20.798	18.0	111.8	9	213.6
DICIEMBRE	14.4	28.4	21.7	12.0	31.5	77.3	19.450	16.9	31.8	2	233.5
PROMEDIO	16.2	28.5	21.9	14.0	30.8	80.0	20.757	18.0			
TOTAL									2050.4	155	

ESTACION: MONTELIJANO

MUNICIPIO: YACCPI

AÑO: 1.983

ALTITUD: 1.340

LATITUD: 5-28 N.

LONGITUD: 74-22 W.

## M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	25.3	21.7	83.2	21.412	18.5	0.0	1.8	1.8	6.7
2	17.5	25.0	20.8	86.2	21.201	18.4	0.4	0.0	0.4	0.9
3	17.5	25.0	20.9	84.3	20.709	18.0	0.0	0.0	0.0	5.5
4	18.5	24.2	20.5	87.0	20.879	18.2	0.0	7.0	7.0	3.6
5	18.0	26.0	21.6	84.4	21.358	18.5	0.1	0.5	0.6	2.8
6	17.5	25.5	21.3	84.6	21.054	18.3	0.0	0.0	0.0	3.9
7	18.5	25.5	21.6	84.0	21.429	18.5	0.0	0.0	0.0	3.9
8	18.0	26.5	22.3	87.7	23.305	19.9	0.0	0.0	0.0	3.3
9	18.3	26.6	21.4	89.0	22.772	19.6	4.3	0.0	4.3	4.6
10	18.0	26.0	21.4	86.0	21.736	18.8	0.0	12.5	12.5	5.3
11	18.0	26.6	21.7	82.6	21.175	18.4	3.5	0.0	3.5	4.9
12	18.0	26.0	20.6	92.3	22.606	19.5	0.6	0.0	0.6	2.3
13	18.0	24.5	20.5	89.3	21.557	18.7	0.0	0.3	0.3	4.1
14	18.0	24.5	20.5	86.2	20.662	18.0	1.0	0.0	1.0	4.9
15	17.5	24.5	20.8	86.3	21.327	18.5	0.0	0.0	0.0	2.8
16	18.6	24.6	21.1	85.3	21.400	18.6	0.0	0.0	0.0	1.8
17	18.0	26.0	21.7	84.8	21.628	13.7	0.0	0.0	0.0	4.1
18	19.0	25.6	21.8	85.9	22.279	19.2	0.0	0.0	0.0	3.6
19	18.5	27.0	22.3	82.2	21.778	18.8	0.0	0.0	0.0	4.1
20	19.0	26.0	22.5	85.5	22.925	19.6	0.0	0.0	0.0	4.2
21	19.0	29.0	22.1	75.9	19.685	17.1	0.0	0.0	0.0	8.3
22	19.5	29.0	21.8	83.0	21.667	18.7	0.0	0.0	0.0	4.0
23	19.0	29.6	22.6	81.2	21.965	18.9	4.1	0.0	4.1	5.8
24	19.6	27.0	22.1	82.7	21.906	18.9	0.0	0.0	0.0	5.0
25	18.5	26.0	21.2	84.8	21.254	18.4	0.0	0.0	0.0	4.1
26	19.5	26.5	21.5	87.9	22.703	19.5	0.0	3.8	3.8	4.8
27	18.0	26.0	21.8	79.3	20.505	17.9	0.0	0.4	0.4	5.0
28	19.0	25.3	20.2	88.5	21.025	18.3	2.7	0.0	2.7	0.4
29	17.5	25.0	21.0	80.0	19.575	17.0	0.0	0.0	0.0	6.1
30	17.5	26.8	21.8	80.3	21.102	18.3	0.0	0.0	0.0	8.2
31	17.5	26.0	20.9	80.3	19.668	17.1	0.0	0.0	0.0	4.4
PROM.	18.3	26.0	21.4	84.5	21.427	18.5	16.7	26.3	43.0	133.4

## M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	26.6	21.6	76.6	19.297	16.8	0.0	2.1	2.1	
2	19.0	25.5	21.7	83.4	21.503	18.6	0.0	0.0	0.0	
3	18.5	26.0	22.4	83.4	22.224	19.1	0.0	1.3	1.3	4.7
4	18.0	24.0	20.3	91.6	22.040	19.0	0.0	0.0	0.0	1.3
5	18.5	24.6	20.7	88.1	21.691	18.8	4.2	0.0	4.2	3.5
6	18.5	26.5	21.6	83.8	21.576	18.7	0.0	0.0	0.0	3.7
7	19.0	25.5	20.4	83.7	20.264	17.7	10.8	5.6	16.4	2.0
8	16.5	24.0	19.7	81.6	18.463	16.2	2.7	0.0	2.7	4.7
9	17.0	25.6	20.5	79.4	18.860	16.5	0.0	0.0	0.0	6.4
10	17.5	26.0	20.8	77.7	18.913	16.6	0.0	0.0	0.0	8.1
11	18.5	26.5	21.8	76.5	19.477	16.9	0.0	0.0	0.0	5.5
12	20.0	27.0	21.1	85.0	21.407	18.6	0.0	3.1	3.1	3.0
13	17.6	27.5	21.0	78.2	19.209	16.7	0.0	0.0	0.0	4.0
14	19.0	25.5	20.9	80.8	19.531	17.4	0.0	0.0	0.0	5.4
15	17.5	28.5	23.3	67.6	18.070	15.8	0.0	0.0	0.0	8.6
16	18.0	28.0	22.4	72.8	19.132	16.5	0.0	0.0	0.0	4.7
17	17.5	26.0	21.4	83.5	21.395	18.6	0.0	0.0	0.0	2.7
18	17.5	26.5	20.4	83.3	19.931	17.4	0.6	3.6	4.2	3.3
19	18.5	27.0	21.2	80.2	20.071	17.5	0.4	0.9	1.3	5.9
20	20.0	27.0	22.2	81.0	21.557	18.6	0.1	0.0	0.1	4.5
21	19.2	24.5	20.9	87.9	21.978	19.0	0.0	0.0	0.0	0.0
22	19.2	25.5	22.3	62.7	17.120	15.0	14.2	0.0	14.2	7.2
23	18.0	28.0	21.6	79.6	20.506	17.9	12.8	0.1	12.9	5.6
24	18.5	27.0	22.1	83.4	22.214	19.2	0.1	0.0	0.1	5.0
25	19.0	26.8	22.9	67.8	18.468	16.0	0.0	0.6	0.6	5.6
26	19.5	30.5	23.5	54.5	15.289	13.2	0.0	0.0	0.0	8.7
27	19.5	28.0	22.4	71.8	19.616	17.0	0.0	4.6	4.6	6.3
28	18.0	26.5	21.6	82.3	20.930	18.2	0.0	0.0	0.0	3.7
PROM	18.4	26.6	21.5	78.9	20.041	17.4	45.9	21.9	67.8	

ESTACION: MONTELIBANO

MUNICIPIO: YACCPÍ

AÑO: 1.983

ALTITUD: 1.340

LATITUD: 5-28 N.

LONGITUD: 74-22 W.

## M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.5	26.8	23.3	83.2	23.314	19.9	0.0	15.8	15.8	5.6
2	17.5	25.5	21.1	83.3	20.753	18.1	0.0	0.0	0.0	4.5
3	18.0	27.0	21.6	78.3	19.998	17.5	0.0	0.0	0.0	6.9
4	19.0	26.0	22.3	80.7	21.169	18.2	0.0	5.7	5.7	6.3
5	16.0	27.0	22.1	77.5	20.493	17.8	0.0	23.1	23.1	3.3
6	18.5	28.0	21.6	83.3	21.270	18.4	0.0	12.7	12.7	0.8
7	17.6	25.0	20.7	82.7	20.215	17.6	0.0	0.0	0.0	3.1
8	18.5	25.5	19.8	90.0	21.136	18.4	0.0	0.0	0.0	0.4
9	18.0	26.5	21.1	80.8	20.071	17.5	0.0	0.0	0.0	4.5
10	17.8	23.5	19.5	91.1	21.026	18.3	0.0	0.0	0.0	0.0
11	17.5	27.5	20.6	85.2	21.192	18.4	14.9	11.4	26.3	3.5
12	17.0	26.5	21.1	86.4	21.682	18.8	0.0	0.2	0.2	4.6
13	18.6	27.0	20.8	86.4	21.415	18.6	0.0	2.0	2.0	1.9
14	17.6	25.5	19.8	82.7	19.511	17.0	3.3	0.0	3.3	0.1
15	17.5	27.5	21.8	78.2	20.058	17.5	0.0	0.0	0.0	6.9
16	20.5	28.0	23.5	82.5	24.079	20.5	0.0	0.0	0.0	5.8
17	18.4	24.5	19.8	96.5	22.394	19.3	0.8	0.0	0.8	1.7
18	18.5	26.5	21.3	80.8	20.369	17.8	0.0	0.0	0.0	6.0
19	18.5	26.5	22.6	78.9	21.314	18.5	0.0	0.0	0.0	5.0
20	18.5	27.8	22.6	77.5	20.946	18.2	0.0	0.0	0.0	0.8
21	18.6	26.0	22.7	72.4	20.033	17.4	0.0	0.0	0.0	3.5
22	18.5	26.5	20.8	90.4	22.491	19.3	22.6	1.8	24.4	2.6
23	17.5	27.0	20.6	82.7	19.990	17.5	1.0	69.2	69.2	4.5
24	16.5	25.5	20.9	88.6	22.265	19.2	0.0	19.7	19.7	3.1
25	18.0	24.5	20.6	90.2	21.769	18.8	11.5	6.1	17.6	0.5
26	17.0	26.5	20.6	87.9	21.262	18.5	0.0	92.7	92.7	1.3
27	17.0	25.0	20.9	86.3	21.235	18.4	0.5	0.0	0.5	1.6
28	17.0	27.0	21.2	85.0	21.600	18.7	0.0	0.0	0.0	5.1
29	19.0	28.0	22.2	78.7	20.617	17.8	0.0	12.5	12.5	6.1
30	16.5	26.5	20.7	83.6	20.133	17.6	0.0	0.0	0.0	2.9
31	18.5	26.5	21.2	84.9	21.500	18.6	0.0	0.6	0.6	3.8
PROM.	18.0	26.4	21.3	83.8	21.139	18.3	54.6	277.5	332.1	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	17.0	26.6	21.8	83.6	21.642	18.7	0.0	0.0	0.0	0.9
2	18.6	25.6	22.0	83.7	22.271	19.2	0.0	2.8	2.8	0.7
3	18.5	26.5	20.7	88.6	22.283	19.2	0.0	0.0	0.0	3.3
4	17.5	27.0	20.9	85.3	21.143	18.4	0.2	25.2	25.4	3.8
5	17.5	27.5	21.6	80.1	20.277	17.7	0.4	1.9	2.3	4.9
6	17.5	26.5	21.0	77.2	18.995	16.7	3.0	8.0	11.0	0.8
7	17.5	20.5	18.4	96.1	20.441	17.8	13.6	1.6	15.2	0.6
8	16.0	27.6	21.2	74.4	17.901	15.5	0.0	59.1	59.1	6.2
9	17.5	24.0	19.7	86.6	20.036	17.5	47.5	0.0	47.5	1.6
10	17.0	25.5	21.3	84.6	21.166	18.3	2.7	3.1	5.8	1.5
11	17.5	24.0	19.7	91.5	21.202	18.4	0.0	0.3	0.3	1.9
12	17.5	26.5	21.3	84.1	20.942	18.2	0.1	1.7	1.8	2.8
13	17.5	25.0	20.4	84.4	20.129	17.6	27.3	0.3	27.6	1.2
14	17.5	22.0	19.4	96.5	21.744	18.8	13.8	0.0	13.8	1.1
15	18.0	26.0	21.6	87.4	22.383	19.3	2.3	38.9	41.2	3.2
16	17.5	25.5	21.4	88.9	22.707	19.5	0.6	1.0	1.6	1.3
17	17.5	25.5	22.3	88.9	23.808	20.3	17.1	0.0	17.1	1.3
18	18.0	23.0	19.4	96.2	21.782	18.8	8.8	20.5	29.3	0.1
19	17.5	25.6	21.4	81.6	20.309	17.6	0.1	1.0	1.1	4.7
20	19.5	25.5	21.3	94.9	24.076	20.4	8.7	7.6	16.3	3.6
21	18.0	25.0	19.9	94.3	21.873	18.9	22.5	1.3	23.8	0.4
22	16.5	26.5	21.3	80.6	20.157	17.5	0.0	0.0	0.0	6.5
23	18.5	26.5	21.2	84.7	21.392	18.5	0.0	19.9	19.9	3.7
24	17.5	27.0	21.2	72.9	17.988	15.6	0.2	0.0	0.2	3.7
25	17.5	26.0	21.8	77.5	20.256	17.7	2.2	10.7	12.9	5.2
26	18.0	26.5	19.0	97.1	21.327	18.5	21.4	0.2	21.6	2.1
27	18.5	27.0	22.5	86.5	23.456	20.0	9.4	0.0	9.4	1.8
28	17.0	24.0	20.3	84.0	19.723	17.2	0.1	42.3	42.4	0.7
29	17.0	24.0	18.7	97.1	21.284	18.4	0.3	0.6	0.9	0.0
30	17.0	26.0	19.7	86.5	20.381	17.8	46.4	1.3	47.7	4.2
PROM.	17.6	25.5	20.7	86.5	21.102	18.3	248.7	249.3	498.0	74.0

ESTACION: MONTELIBANO

MUNICIPIO: YACUPI

AÑO: 1.983

ALTITUD: 1.340

LATITUD: 5-28 N.

LONGITUD: 74-22 W.

## M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	24.8	20.9	89.6	22.521	19.3	50.0	32.1	82.1	2.9
2	17.0	26.0	20.1	77.6	18.319	16.0	6.3	7.5	13.8	3.3
3	16.0	25.5	19.1	85.7	20.508	17.8	3.7	70.3	74.0	6.4
4	16.5	25.0	19.8	88.6	21.287	18.4	28.2	0.0	28.2	5.0
5	18.0	25.0	20.2	89.4	21.344	18.5	13.3	0.1	13.4	6.0
6	18.5	26.0	20.6	86.7	21.267	18.5	0.0	0.7	0.7	2.4
7	19.0	26.0	20.8	86.9	21.757	18.9	0.0	0.0	0.0	4.0
8	17.5	26.0	20.7	86.8	21.003	18.3	5.2	0.0	5.2	6.4
9	17.5	27.0	20.5	88.3	21.963	19.0	25.0	1.5	26.5	3.4
10	17.5	26.5	20.6	84.7	21.055	18.3	19.3	0.0	19.3	6.6
11	18.5	26.0	21.2	86.8	22.136	19.1	19.0	0.5	19.5	4.7
12	18.0	25.5	19.9	89.7	20.804	18.1	11.1	0.0	11.1	5.9
13	18.0	26.5	21.5	84.4	21.504	18.6	0.5	0.0	0.5	4.7
14	18.5	26.5	21.1	88.6	22.402	19.2	0.0	0.0	0.0	5.2
15	19.0	26.5	21.6	87.5	22.613	19.5	0.0	20.4	20.4	0.5
16	17.5	26.5	19.9	86.2	20.088	17.5	1.4	8.1	9.5	1.5
17	17.5	25.5	20.0	87.8	21.067	18.3	0.0	0.6	0.6	2.9
18	18.0	24.5	20.7	89.6	22.002	19.0	11.8	10.0	21.8	1.0
19	17.5	24.5	18.9	93.5	20.601	17.9	16.3	23.3	39.6	2.3
20	16.5	24.5	19.1	89.8	20.069	17.5	32.8	5.2	38.0	5.1
21	16.5	26.0	20.1	87.8	21.333	18.5	8.3	1.3	9.6	3.4
22	16.5	24.0	20.0	86.0	20.057	17.5	0.0	0.0	0.0	4.1
23	16.0	23.0	19.9	91.5	21.663	18.8	3.2	27.8	31.0	2.6
24	16.5	25.0	20.3	87.7	21.110	18.3	0.0	0.0	0.0	4.1
25	16.0	26.5	20.9	85.9	21.517	18.7	0.0	2.6	2.6	5.0
26	16.5	25.0	19.6	87.5	20.237	17.7	5.1	0.8	5.9	4.5
27	17.0	25.0	20.6	88.5	21.663	18.8	0.0	23.0	23.0	4.3
28	16.0	25.5	20.0	85.5	20.305	17.7	3.5	1.2	4.7	2.6
29	17.0	25.6	20.3	86.6	20.724	18.0	0.0	1.8	1.8	4.8
30	16.5	23.4	19.8	87.1	20.143	17.5	0.0	0.0	0.0	5.5
31	19.5	26.5	21.4	86.6	22.332	19.2	3.1	0.2	3.3	7.2
PROM.	17.4	25.5	20.3	87.5	21.143	18.3	267.1	239.0	506.1	128.3

## 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	24.0	20.4	93.1	22.672	19.5	4.6	1.9	6.5	1.3
2	16.5	25.0	20.4	85.6	20.921	18.2	12.8	0.0	12.8	4.1
3	17.5	23.0	19.8	91.0	21.541	18.7	15.6	0.0	15.6	0.1
4	16.0	23.0	19.2	91.1	20.603	18.0	25.5	24.4	49.9	3.7
5	15.0	23.0	18.9	91.0	20.345	17.8	7.2	0.0	7.2	4.3
6	17.0	24.5	20.3	86.2	20.587	17.9	0.0	0.0	0.0	2.7
7	15.0	24.5	18.6	90.3	19.513	17.1	2.0	3.0	5.0	3.3
8	15.0	23.5	19.0	95.1	21.475	18.6	7.9	0.0	7.9	3.0
9	15.5	24.5	19.0	84.9	19.210	16.9	0.0	0.0	0.0	7.4
10	15.0	25.5	18.2	90.8	19.746	17.2	24.8	0.0	24.8	4.7
11	11.5	25.0	17.8	86.1	18.272	16.0	40.6	1.1	41.7	3.3
12	11.0	21.0	17.4	91.0	18.122	15.9	1.2	1.8	3.0	5.2
13	14.6	25.3	20.7	87.3	20.887	18.0	0.0	0.0	0.0	4.9
14	17.5	26.0	21.1	89.2	22.021	19.0	0.0	0.0	0.0	6.4
15	18.0	28.5	23.0	70.5	19.051	16.5	0.0	0.0	0.0	9.0
16	19.0	26.5	22.8	72.7	19.532	16.9	0.0	0.0	0.0	5.3
17	18.0	26.0	21.6	88.1	22.411	19.3	0.0	0.0	0.0	3.5
18	17.5	28.0	24.0	61.0	17.521	15.2	0.0	0.0	0.0	8.3
19	19.0	30.0	23.4	57.5	16.603	14.4	0.0	0.0	0.0	10.1
20	18.5	27.5	22.5	73.7	20.039	17.5	0.0	0.0	0.0	2.6
21	18.5	27.5	23.7	50.3	14.480	12.5	0.0	0.0	0.0	8.2
22	18.5	27.0	23.2	67.2	15.281	16.4	0.0	0.0	0.0	8.3
23	18.5	27.5	23.1	61.2	16.842	14.7	0.0	0.0	0.0	6.9
24	18.5	28.5	23.7	51.1	14.838	12.7	0.0	0.0	0.0	10.0
25	17.0	28.4	20.7	73.9	18.293	16.1	19.2	2.2	21.4	6.7
26	16.5	28.0	23.3	61.2	17.395	15.0	0.0	0.0	0.0	9.7
27	18.5	28.0	22.0	79.1	20.951	18.2	0.0	1.6	1.6	7.1
28	16.5	26.0	19.8	88.6	20.739	18.1	8.1	4.9	13.0	4.2
29	17.0	25.0	21.2	80.2	19.736	17.3	0.0	0.0	0.0	1.7
30	17.0	27.5	22.4	68.1	18.173	16.0	0.0	0.0	0.0	7.1
PROM.	16.7	25.9	21.0	78.6	19.393	16.9	169.5	40.9	210.4	162.9

ESTACION: MONTELIBANO

MUNICIPIO: YACCPÍ

AÑO: 1.983

ALTITUD: 1.340

LATITUD: 5-28 N.

LONGITUD: 74-22 W.

## M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	27.5	20.5	79.2	19.002	16.5	29.5	1.6	31.1	8.1
2	16.5	26.0	19.8	86.7	20.088	17.5	0.0	0.0	0.0	7.4
3	16.0	26.5	21.2	85.3	21.148	18.3	0.0	0.0	0.0	5.9
4	17.5	27.0	22.1	88.7	23.500	20.1	0.3	7.2	7.5	5.1
5	16.5	27.5	22.3	67.7	17.784	15.1	0.0	18.0	18.0	9.4
6	17.5	25.0	20.4	89.6	21.508	18.7	0.0	0.2	0.2	3.5
7	17.5	27.0	20.7	82.2	20.105	17.6	5.4	52.5	57.9	9.1
8	16.5	25.0	20.3	87.2	20.539	17.9	0.0	20.0	20.0	4.3
9	16.5	23.0	19.7	87.5	19.841	17.3	0.0	3.6	3.6	0.0
10	15.5	27.0	21.2	82.3	20.628	18.0	2.1	0.0	2.1	8.1
11	16.5	26.0	20.1	87.7	20.861	18.2	9.3	0.2	9.5	4.7
12	15.0	26.0	22.1	67.4	16.662	14.6	0.0	0.0	0.0	7.5
13	19.0	28.0	24.4	42.4	12.559	10.3	0.0	0.0	0.0	10.7
14	18.0	28.6	22.6	65.3	17.930	19.5	0.0	0.1	0.1	8.5
15	18.0	27.0	21.8	80.5	20.568	17.8	0.0	0.0	0.0	7.5
16	18.0	27.5	22.4	83.4	22.224	19.1	0.0	25.0	25.0	6.4
17	17.5	26.0	21.6	77.3	19.259	16.5	0.0	0.0	0.0	6.2
18	17.5	27.5	22.5	57.9	15.255	12.9	0.0	0.0	0.0	9.6
19	18.5	26.5	22.4	62.3	16.826	14.6	0.0	3.8	3.8	8.7
20	17.5	27.5	22.5	57.7	14.449	12.0	0.0	0.0	0.0	9.6
21	18.5	27.5	22.7	58.0	15.943	13.5	0.2	0.0	0.2	8.4
22	18.5	27.0	22.0	65.1	16.853	14.3	0.7	2.8	3.5	4.1
23	16.5	23.0	20.5	86.0	20.252	17.6	0.0	0.0	0.0	4.7
24	16.5	27.8	22.8	42.8	11.637	9.2	0.0	0.0	0.0	10.2
25	19.5	26.0	24.4	31.6	9.455	6.1	0.0	0.0	0.0	10.9
26	19.0	27.5	23.1	41.8	11.947	9.6	0.0	0.0	0.0	6.5
27	18.6	28.0	21.0	68.1	17.327	15.2	0.0	0.0	0.0	6.0
28	16.0	27.5	21.8	71.5	18.264	16.0	0.0	0.5	0.5	8.6
29	18.0	27.5	22.0	75.8	19.375	16.7	0.0	0.0	0.0	7.0
30	18.0	27.0	21.8	85.7	23.161	19.8	15.0	0.0	15.0	2.0
31	18.0	27.0	21.1	76.1	19.363	17.0	5.0	0.0	5.0	5.2
PROM.	17.4	26.8	21.7	71.8	18.204	15.6	67.5	135.5	203.0	214.1

## M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.6	26.0	22.5	58.2	15.152	12.9	0.0	0.0	0.0	6.8
2	17.0	25.5	20.8	85.9	21.064	18.3	0.0	0.0	0.0	5.8
3	18.0	26.0	20.3	77.6	18.810	16.5	24.7	0.0	24.7	5.0
4	16.5	26.6	21.2	77.5	19.629	17.2	9.3	0.2	9.5	8.1
5	17.0	25.6	20.8	75.2	18.463	16.2	2.6	0.0	2.6	3.6
6	17.5	24.0	20.0	88.0	20.898	18.2	0.0	0.0	0.0	2.6
7	16.0	24.6	21.4	68.9	17.328	15.1	0.0	0.0	0.0	7.5
8	16.0	26.5	21.9	58.6	15.478	13.2	0.0	0.0	0.0	7.3
9	18.0	27.0	22.9	46.1	12.533	10.6	0.0	0.0	0.0	7.5
10	19.0	28.5	23.3	44.0	12.554	10.3	0.0	0.0	0.0	9.2
11	17.5	28.0	22.5	59.8	16.695	14.6	0.0	9.3	9.3	9.2
12	18.0	26.5	21.4	82.2	20.589	17.8	3.6	2.6	6.2	6.3
13	16.5	27.0	22.5	70.5	19.143	16.6	0.0	0.0	0.0	7.4
14	16.5	26.3	23.7	49.0	14.386	12.4	0.0	0.0	0.0	10.2
15	17.0	29.0	23.4	65.9	18.497	15.8	0.0	0.0	0.0	8.4
16	19.0	28.5	23.8	48.3	14.015	11.6	0.0	0.0	0.0	4.1
17	18.0	28.5	23.2	51.9	14.532	12.3	0.0	0.0	0.0	5.3
18	18.5	26.6	22.3	63.6	17.243	14.7	6.2	0.3	6.5	5.6
19	16.5	26.0	22.4	69.0	18.218	16.0	0.0	0.0	0.0	7.2
20	17.0	26.6	23.4	61.8	17.374	15.3	0.0	0.0	0.0	8.1
21	17.0	27.5	23.9	58.5	16.244	13.9	0.0	0.0	0.0	6.5
22	17.5	28.5	22.0	62.3	16.029	13.9	2.7	0.0	2.7	6.2
23	18.5	28.0	22.0	71.4	18.951	16.6	0.0	0.0	0.0	7.0
24	17.5	26.5	20.7	82.7	20.004	17.4	0.4	0.0	0.4	3.0
25	18.0	27.0	21.6	69.6	17.540	15.3	0.0	0.0	0.0	5.6
26	18.0	26.5	21.5	80.5	20.182	17.7	0.0	0.0	0.0	7.0
27	18.0	26.5	22.1	77.4	20.509	17.7	0.0	2.9	2.9	3.9
28	16.5	23.6	19.1	92.2	20.737	18.0	16.0	0.0	16.0	1.2
29	17.0	25.0	20.8	85.3	20.744	18.0	0.0	0.0	0.0	1.2
30	18.8	26.5	21.7	89.7	23.085	19.8	0.2	0.0	0.2	5.9
31	18.0	28.0	22.2	79.7	20.811	17.9	0.0	3.6	3.6	6.2
PROM	17.5	26.7	22.0	69.4	17.996	15.5	65.7	18.9	84.6	190.7

ESTACION: MONTEL IBANO  
 ALTITUD: 1.340

MUNICIPIO: YACCPÍ  
 LATITUD: 5-28 N.

AÑO: 1.983  
 LONGITUD: 74-22 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	25.4	20.8	82.7	19.926	17.4	1.8	0.5	2.3	5.7
2	17.5	26.5	21.0	85.7	21.269	18.5	0.3	0.0	0.3	3.1
3	18.0	28.5	22.8	79.2	21.564	18.6	0.0	7.4	7.4	6.1
4	18.5	28.0	22.0	85.4	22.464	19.3	1.1	2.3	3.4	5.7
5	16.5	25.0	20.5	91.6	22.487	19.3	3.9	5.6	9.5	3.6
6	16.5	25.0	18.8	87.0	19.294	16.9	9.6	0.0	9.6	2.3
7	16.5	25.0	20.3	76.6	17.668	15.2	0.0	0.0	0.0	2.2
8	15.0	24.6	18.6	87.0	19.419	17.0	26.5	0.8	27.3	3.2
9	15.5	27.0	20.1	78.8	18.360	16.1	5.9	0.0	5.9	9.4
10	15.5	25.5	20.5	85.4	20.484	17.9	0.9	0.0	0.9	4.1
11	16.5	25.8	19.8	85.6	19.989	17.5	1.5	0.0	1.5	4.6
12	16.8	25.6	20.6	82.3	19.784	17.3	0.0	0.0	0.0	5.7
13	16.8	26.2	20.8	66.8	16.480	14.5	7.1	0.0	7.1	4.3
14	17.0	26.2	20.6	79.7	19.008	16.6	0.0	0.5	0.5	6.6
15	15.5	26.6	19.6	80.7	18.481	16.3	28.2	0.0	28.2	4.2
16	16.9	25.8	20.2	84.9	20.183	17.6	2.0	0.0	2.0	1.6
17	16.6	25.8	20.1	85.2	20.235	17.7	5.0	0.3	5.3	5.2
18	16.2	26.0	20.3	84.2	19.904	17.4	0.0	0.0	0.0	4.6
19	16.5	26.5	21.0	84.8	20.646	17.9	0.4	1.0	1.4	6.2
20	17.0	27.0	21.4	74.7	18.359	16.1	0.2	0.7	0.9	5.5
21	18.0	27.0	21.2	81.5	20.297	17.7	0.0	3.7	3.7	3.3
22	17.0	24.8	19.7	80.7	18.266	16.0	0.8	0.0	0.8	4.4
23	16.0	27.0	21.8	76.1	18.885	16.3	0.0	0.2	0.2	7.3
24	17.6	26.8	20.8	80.9	19.500	17.0	0.2	2.4	2.6	5.4
25	15.5	27.0	22.3	75.8	20.439	17.7	0.0	0.0	0.0	6.8
26	18.8	28.0	22.2	78.1	20.625	17.8	0.0	2.2	2.2	6.2
27	18.0	26.6	21.7	82.4	21.175	18.4	0.0	0.0	0.0	6.7
28	17.1	26.8	21.0	79.9	19.490	17.0	3.8	0.0	3.8	5.0
29	18.0	26.5	21.1	85.2	21.716	18.8	1.0	0.0	1.0	6.3
30	17.5	27.0	21.9	78.5	20.204	17.5	0.0	0.0	0.0	6.6
PROM.	16.9	26.3	20.8	81.6	19.887	17.3	100.2	27.6	127.8	151.9

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	17.6	26.0	21.5	79.5	19.819	17.1	0.0	0.0	0.0	7.1
2	16.5	25.5	20.5	83.9	20.178	17.6	0.0	0.0	0.0	7.8
3	16.5	24.6	18.9	83.6	18.666	16.4	0.2	0.0	0.2	3.4
4	16.0	25.5	20.4	84.6	20.191	17.6	0.0	0.0	0.0	4.9
5	18.0	26.5	20.9	70.9	17.537	15.3	0.0	0.0	0.0	4.9
6	17.5	28.5	22.7	68.2	18.094	15.7	0.0	0.0	0.0	9.4
7	17.8	28.0	21.8	63.9	16.495	14.2	0.0	0.0	0.0	7.1
8	17.5	24.0	19.3	88.7	20.271	17.7	0.0	0.0	0.0	2.8
9	17.6	25.8	19.9	81.8	19.152	16.8	8.5	0.4	8.9	5.9
10	16.5	25.5	20.7	79.4	19.082	16.6	0.0	42.6	42.6	5.7
11	18.0	26.8	22.0	77.2	19.733	17.2	0.0	9.4	9.4	7.4
12	16.6	24.8	19.6	83.6	19.185	16.8	0.0	0.0	0.0	6.0
13	16.0	25.0	20.7	82.7	20.008	17.4	0.0	0.0	0.0	4.0
14	17.6	20.0	18.4	97.0	20.809	18.1	12.6	0.4	13.0	0.0
15	16.6	22.6	18.6	94.9	20.663	18.0	0.0	0.0	0.0	0.8
16	15.3	21.8	17.8	91.7	18.708	16.5	0.0	0.0	0.0	2.1
17	15.5	24.5	20.4	81.8	19.436	16.9	0.0	4.3	4.3	9.2
18	17.0	24.5	19.8	86.9	20.010	17.5	0.2	13.0	13.2	5.7
19	16.0	22.5	19.4	88.0	19.786	17.3	0.0	0.0	0.0	3.3
20	15.0	22.5	18.4	86.3	18.044	15.9	0.0	0.0	0.0	0.7
21	15.5	24.0	19.5	85.1	19.132	16.8	0.0	6.8	6.8	4.6
22	15.5	25.5	20.3	79.5	18.204	15.8	0.0	0.1	0.1	9.5
23	15.5	26.0	20.4	84.9	20.163	17.6	0.0	7.7	7.7	5.0
24	16.5	25.5	21.0	80.6	19.720	17.2	0.0	8.1	8.1	6.5
25	17.5	24.0	19.9	92.7	21.701	18.8	1.3	0.0	1.3	0.3
26	17.5	24.5	20.2	86.5	20.334	17.8	0.0	2.5	2.5	2.4
27	17.8	23.8	19.5	95.4	21.496	18.7	0.5	8.8	9.3	3.3
28	16.6	23.6	19.2	88.2	20.047	17.5	16.7	15.5	32.2	2.4
29	16.8	26.2	19.8	83.2	19.344	17.0	13.3	31.6	44.9	4.4
30	15.5	23.6	20.1	84.9	19.731	17.2	0.6	33.9	34.5	2.8
31	17.5	23.0	19.2	87.7	19.520	17.1	0.0	0.2	0.2	2.8
PROM.	16.7	24.7	20.0	84.0	19.525	17.0	53.9	185.3	239.2	142.2

ESTACION: MONTELIBANO

MUNICIPIO: YACUPI

AÑO: 1.983

ALTITUD: 1.340

LATITUD: 5-28 N.

LONGITUD: 74-22 W.

## M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	24.0	20.0	85.1	19.622	17.1	0.0	16.8	16.8	7.2
2	17.0	25.0	20.9	85.6	21.020	18.2	0.2	0.0	0.2	2.5
3	18.0	24.0	20.2	82.9	19.361	16.8	0.0	39.5	39.5	1.3
4	16.0	25.5	21.7	82.5	21.527	18.7	0.0	0.3	0.3	6.0
5	18.0	25.0	20.9	92.4	23.227	19.9	0.0	0.0	0.0	3.0
6	18.8	25.0	20.6	83.3	20.602	17.9	1.0	0.0	1.0	3.6
7	17.0	25.0	20.4	87.2	20.970	18.2	0.9	0.0	0.9	3.5
8	17.0	25.0	20.6	89.7	21.824	18.9	0.0	1.6	1.6	1.0
9	17.5	26.5	21.1	81.8	20.038	17.5	0.0	0.0	0.0	8.6
10	18.5	26.8	20.9	79.0	19.535	17.1	0.2	1.3	1.5	5.6
11	17.0	25.5	20.3	85.6	20.356	17.7	0.2	5.1	5.3	4.6
12	17.8	25.5	21.3	84.5	21.212	18.4	0.0	0.0	0.0	4.3
13	19.5	26.4	21.8	84.3	22.057	19.0	2.2	0.1	2.3	5.6
14	15.5	24.5	18.6	87.6	19.627	17.2	1.3	3.0	4.3	6.8
15	15.2	24.8	19.8	90.4	21.049	18.2	0.0	48.9	48.9	4.5
16	16.0	24.5	19.8	84.6	19.206	16.8	0.0	4.0	4.0	6.8
17	16.0	24.8	20.1	86.5	20.460	17.8	0.0	5.3	5.3	6.7
18	16.8	28.0	21.4	79.5	19.575	17.0	0.0	0.0	0.0	8.4
19	17.6	27.7	21.9	84.4	22.278	19.2	0.0	0.0	0.0	7.4
20	17.6	27.0	21.9	85.9	22.310	19.2	0.9	0.1	1.0	7.7
21	17.8	25.0	20.4	81.7	19.545	17.1	10.9	0.0	10.9	6.5
22	18.5	24.5	20.1	87.7	20.887	18.2	0.4	0.0	0.4	3.9
23	17.8	25.6	20.9	83.4	20.560	17.9	0.5	0.0	0.5	6.9
24	17.5	24.6	20.2	92.5	21.843	18.9	0.9	0.0	0.9	4.0
25	17.6	25.8	20.4	80.1	15.235	16.9	2.1	1.5	3.6	6.5
26	16.8	25.0	21.1	79.9	19.729	17.2	0.0	0.0	0.0	6.0
27	17.6	26.0	21.6	82.6	21.074	18.3	0.0	1.3	1.3	7.7
28	16.0	26.5	18.8	88.4	19.402	17.0	0.0	1.9	1.9	1.4
29	16.0	22.0	18.2	93.4	19.571	17.2	8.7	0.0	8.7	1.5
30	15.5	23.4	18.1	85.5	18.371	16.1	15.7	3.7	19.4	2.0
PROM.	17.2	25.3	20.5	85.3	20.536	17.9	46.1	134.4	180.5	151.7

## M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	23.2	18.2	89.5	18.446	16.2	0.0	0.0	0.0	2.4
2	16.5	24.0	19.9	80.4	18.851	16.6	0.1	41.1	41.2	4.6
3	16.2	24.0	18.6	85.7	18.806	16.5	0.0	0.9	0.9	4.5
4	15.0	21.5	18.2	89.9	19.147	16.5	0.0	1.2	1.2	0.1
5	15.0	24.5	18.8	97.3	20.677	18.2	1.1	0.0	1.1	3.2
6	15.0	23.5	19.5	83.6	18.723	16.3	17.8	3.9	21.7	5.9
7	15.5	23.0	19.1	81.3	18.033	15.8	0.0	0.8	0.8	5.4
8	15.5	24.0	19.7	84.5	19.081	16.7	0.0	4.0	4.0	5.0
9	15.0	23.5	19.3	82.4	18.429	16.1	14.8	5.6	20.4	3.7
10	15.0	23.4	18.0	83.6	17.333	15.3	0.0	2.1	2.1	4.0
11	15.0	23.0	19.1	84.3	18.518	16.3	3.2	5.6	8.8	4.7
12	15.0	24.0	18.2	82.6	17.333	15.2	0.0	0.3	0.3	6.2
13	15.0	22.0	19.0	88.0	19.280	16.9	0.0	6.1	6.1	4.5
14	15.0	22.5	18.7	89.1	19.288	16.9	0.2	0.0	0.2	1.7
15	16.5	24.0	18.7	88.2	19.402	17.0	6.3	3.9	10.2	2.9
16	14.5	24.0	18.6	83.6	18.013	15.8	0.0	0.0	0.0	3.7
17	15.5	23.0	18.5	84.3	17.745	15.6	0.6	53.1	53.7	3.0
18	16.0	24.0	18.6	84.4	18.026	15.9	0.3	8.1	8.4	4.7
19	15.0	25.0	18.9	81.9	18.073	15.9	0.0	31.1	31.1	6.4
20	14.4	24.0	18.8	80.4	17.139	15.0	0.0	5.0	5.0	6.5
21	15.0	24.0	19.5	86.2	19.408	17.0	0.0	2.7	2.7	3.6
22	15.0	24.0	20.2	85.5	20.054	17.5	0.0	0.0	0.0	5.1
23	15.5	24.0	19.2	86.0	19.173	16.8	0.0	1.6	1.6	4.3
24	15.0	23.5	19.3	88.4	19.889	17.4	0.0	7.9	7.9	3.7
25	16.5	24.0	18.6	87.2	19.025	16.7	3.5	0.0	3.5	4.1
26	14.5	22.5	17.6	90.1	18.291	16.1	11.8	0.0	11.8	1.0
27	14.0	24.0	19.2	82.5	17.871	15.6	0.7	0.6	1.3	6.9
28	16.0	24.5	19.5	85.0	19.776	17.3	0.3	6.6	6.9	6.6
29	15.5	24.0	19.8	85.9	19.856	17.4	0.0	78.2	78.2	4.0
30	14.5	23.0	17.6	85.6	17.602	15.5	41.7	26.0	67.7	6.1
31	14.5	23.0	17.6	84.9	17.083	14.9	1.0	0.2	1.2	6.6
PROM	15.2	23.6	18.9	85.6	18.665	16.4	103.4	296.6	400.0	135.7

ESTACION: MONTELIBANO

MUNICIPIO YACOPI

AÑO: 1.983

ALTITUD: 1.340

LATITUD: 5-28 N.

LONGITUD: 74-22 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas	
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días llluvias		
ENERO	18.3	26.0	21.4	17.5	29.6	84.5	21.427	18.5	43.0	14	133.4	
FEBRERO	18.4	26.6	21.5	16.5	30.5	78.9	20.041	17.4	67.8	14		
MARZO	18.0	26.4	21.3	16.0	28.0	83.8	21.139	18.3	332.1	17	106.7	
ABRIL	17.6	25.5	20.7	16.0	27.6	86.5	21.102	18.3	498.0	27	74.0	
MAYO	17.4	25.5	20.3	16.0	27.0	87.5	21.143	18.3	506.1	26	128.3	
JUNIO	16.7	25.9	21.0	11.0	30.0	78.6	19.393	16.9	210.4	13	162.9	
JULIO	17.4	26.8	21.7	15.0	28.6	71.8	18.204	15.6	203.0	17	214.1	
AGOSTO	17.5	26.7	22.0	16.0	29.0	69.4	17.996	15.5	84.6	12	190.7	
SEPTIEMBRE	16.9	26.3	20.8	15.0	28.5	81.6	19.887	17.3	127.8	24	151.9	
OCTUBRE	16.7	24.7	20.0	15.0	28.5	84.0	19.525	17.0	239.2	18	142.2	
NOVIEMBRE	17.2	25.3	20.5	15.2	28.0	85.3	20.536	17.9	180.5	24	151.7	
DICIEMBRE	15.2	23.6	18.9	14.0	25.0	85.6	18.665	16.4	400.0	28	135.7	
PROMEDIO	17.3	25.8	20.8	15.3	28.4	81.5	19.922	17.3				
TOTAL									2892.5	234		

ESTACION: MISIONES

MUNICIPIO: MESITAS COLEGIANO:

1.983

ALTITUD: 1.540

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	18.0	26.5	21.6	77.8	20.037	17.5	0.0	0.0	0.0	5.6
2	18.5	24.0	20.4	80.7	19.491	17.1	2.1	5.2	7.3	2.9
3	17.5	23.5	20.1	84.1	19.963	17.4	0.3	0.8	1.1	1.8
4	17.5	23.0	19.1	86.5	19.556	17.1	2.1	1.3	3.4	0.6
5	16.5	22.9	19.0	89.4	19.588	17.2	0.0	0.0	0.0	2.1
6	17.0	23.0	20.1	75.4	17.878	15.6	0.0	0.0	0.0	2.0
7	18.4	23.3	20.6	79.7	19.508	17.1	0.0	0.0	0.0	1.6
8	18.0	26.8	21.7	79.1	20.827	18.1	0.0	0.0	0.0	6.4
9	18.5	23.9	21.5	83.0	21.178	18.4	0.0	0.0	0.0	3.1
10	18.5	22.5	19.9	80.5	18.792	16.5	0.2	0.0	0.2	1.6
11	18.5	23.0	20.8	77.2	19.174	16.6	0.0	0.0	0.0	1.2
12	18.0	24.5	20.9	68.9	17.288	15.2	0.0	0.0	0.0	5.4
13	17.0	25.2	21.1	80.8	20.147	17.6	0.0	0.0	0.0	5.5
14	17.5	24.0	20.6	82.8	19.932	17.4	0.0	1.2	1.2	4.3
15	17.1	24.5	20.3	75.2	18.883	16.6	0.0	0.0	0.0	3.6
16	17.5	24.4	20.8	80.0	19.717	17.3	0.0	0.0	0.0	4.1
17	18.0	25.0	20.5	77.7	18.935	16.6	0.0	0.0	0.0	3.4
18	17.4	25.5	20.9	72.2	18.037	15.9	0.0	J.J	J.J	7.8
19	18.0	24.8	21.5	69.6	17.657	15.6	0.0	0.0	0.0	4.2
20	18.4	23.5	21.2	72.9	18.365	16.1	0.0	0.0	0.0	4.1
21	19.1	27.2	22.2	68.2	18.380	16.1	0.0	J.J	J.J	8.1
22	19.0	26.5	21.7	73.7	19.330	16.9	0.0	0.0	0.0	8.0
23	19.0	27.0	22.1	71.6	19.266	16.6	0.0	0.0	0.0	9.5
24	18.0	27.0	22.0	67.0	17.736	15.6	0.0	0.0	0.0	7.7
25	19.0	29.5	22.8	69.7	19.391	17.0	0.0	0.0	0.0	8.1
26	19.0	27.0	21.9	79.4	21.152	18.4	C.2	18.0	18.2	4.7
27	17.8	26.5	21.3	84.0	21.150	18.3	C.0	4.0	4.0	3.8
28	16.8	22.0	20.2	91.9	21.809	18.9	1.9	33.0	34.9	0.7
29	17.5	27.0	21.0	85.2	21.151	18.3	0.0	0.0	0.0	4.6
30	17.6	28.0	21.7	82.9	21.335	18.5	0.0	1.4	1.4	7.4
31	17.5	27.0	21.3	76.6	19.128	16.8	0.0	50.0	50.0	7.5
PROM.	17.9	25.1	21.0	78.3	19.510	17.1	6.8	114.9	121.7	141.8

## 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	17.1	24.5	20.9	77.8	19.152	16.8	0.0	0.0	0.0	1.2
2	18.2	24.5	21.1	79.2	19.767	17.3	0.0	0.0	0.0	0.7
3	18.6	27.5	21.7	64.0	16.657	14.7	0.0	0.0	0.0	7.0
4	18.5	26.0	22.2	69.7	18.660	16.4	0.0	0.0	0.0	7.2
5	18.0	25.4	21.8	83.0	21.868	18.9	0.0	0.0	0.0	5.1
6	17.8	26.5	20.6	85.5	20.649	18.0	3.4	5.3	8.7	4.3
7	18.0	24.0	20.2	84.5	20.162	17.6	2.7	0.0	2.7	2.4
8	17.0	25.0	20.4	78.1	18.462	16.2	0.0	0.0	0.0	5.4
9	17.0	26.5	21.1	74.8	18.383	16.2	0.0	0.0	0.0	7.1
10	16.0	26.0	20.9	75.2	18.563	16.3	0.0	4.5	4.5	7.7
11	17.0	25.4	21.9	72.3	18.737	16.5	0.0	0.1	0.1	4.6
12	18.5	25.5	21.1	75.9	18.917	16.6	0.0	0.0	0.0	4.0
13	17.8	26.5	21.3	68.9	17.392	15.3	0.0	0.0	0.0	4.4
14	18.0	25.5	21.3	78.5	20.158	17.5	0.0	0.0	0.0	7.7
15	17.6	26.5	22.4	74.9	19.978	17.4	0.0	15.0	15.0	6.5
16	17.0	25.0	21.8	66.0	17.190	15.1	0.0	0.0	0.0	3.2
17	19.0	25.5	22.3	70.9	19.373	16.9	0.0	0.0	0.0	4.1
18	17.8	22.5	19.6	89.3	20.471	17.9	0.0	0.0	0.0	1.5
19	17.5	25.5	21.5	71.9	18.865	16.5	0.0	0.0	0.0	4.7
20	18.5	26.5	22.1	71.2	18.704	16.4	0.0	0.0	0.0	7.1
21	19.0	25.0	20.3	84.1	19.809	17.3	3.3	0.0	3.3	1.4
22	18.5	25.5	21.8	76.7	20.277	17.6	0.0	0.0	0.0	6.1
23	20.0	25.0	21.2	76.6	19.486	17.1	1.5	0.0	1.5	1.7
24	19.5	27.3	22.6	63.5	17.431	15.3	0.0	0.0	0.0	4.7
25	17.0	25.0	20.9	75.3	18.596	16.3	0.0	0.2	0.2	2.8
26	17.5	27.0	21.5	73.7	19.207	16.8	0.0	0.0	0.0	4.3
27	18.4	24.5	23.2	61.1	17.464	15.3	0.0	0.0	0.0	7.1
28	18.0	25.0	21.1	85.1	21.405	18.4	0.0	0.0	0.0	1.9
PROM.	18.0	25.7	21.4	75.3	19.137	16.7	10.9	25.1	36.0	125.9

ESTACION: MIS IONES

MUNICIPIO: MESITAS COLEGIAÑO:

1.983

ALTITUD: 1.540

LATITUD: 34 N.

LONGITUD: 74-18 W.

## M E S - M A R Z O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.5	26.0	22.3	73.8	20.007	17.4	1.8	0.0	1.8	3.3
2	18.5	25.5	21.4	86.4	22.311	19.2	0.5	0.0	0.5	4.2
3	18.0	25.0	21.8	81.9	21.337	18.5	0.0	0.0	0.0	2.7
4	17.6	28.0	21.8	77.2	20.143	17.6	0.8	0.0	0.8	6.7
5	18.1	27.0	22.3	77.3	20.613	18.0	0.0	7.4	7.4	4.3
6	17.4	24.5	21.2	83.6	21.117	18.4	0.0	0.4	0.4	1.5
7	17.0	24.5	20.1	87.5	20.604	18.0	0.0	0.0	0.0	2.1
8	17.2	25.0	20.4	89.5	21.477	18.6	0.2	24.4	24.6	2.1
9	16.6	25.4	20.4	83.9	20.279	17.7	5.0	0.2	5.2	2.5
10	17.2	21.0	19.0	92.3	20.545	17.9	39.7	0.0	39.7	0.0
11	17.0	26.0	21.9	79.2	20.915	18.2	0.0	0.0	0.0	5.5
12	17.0	25.0	21.4	79.1	20.383	17.8	0.0	0.0	0.0	6.4
13	17.4	24.0	21.2	79.7	19.927	17.5	0.0	0.0	0.0	3.4
14	17.4	20.5	18.7	90.5	19.471	17.1	24.0	0.0	24.0	0.6
15	16.8	27.3	21.9	70.4	18.561	16.3	0.0	0.0	0.0	7.1
16	18.5	27.5	22.0	74.5	19.751	17.2	0.0	0.0	0.0	7.5
17	19.5	28.5	22.6	75.1	21.115	18.3	0.0	0.0	0.0	3.5
18	17.3	24.4	21.8	82.4	21.474	18.6	0.0	0.0	0.0	2.8
19	18.0	27.0	22.3	77.9	21.063	18.3	0.6	0.0	0.6	4.9
20	19.3	27.0	22.4	69.2	18.851	16.6	0.0	0.0	0.0	6.5
21	19.6	25.5	21.5	74.0	19.322	16.9	0.0	0.0	0.0	1.3
22	17.5	26.4	22.0	71.9	18.876	16.6	0.0	0.0	0.0	3.5
23	18.0	25.5	21.4	75.9	19.328	16.9	0.2	0.0	0.2	3.8
24	17.6	22.0	20.1	85.1	20.079	17.5	0.0	0.0	0.0	0.2
25	17.3	24.0	20.4	84.2	20.243	17.7	0.5	0.0	0.5	0.1
26	16.4	24.5	20.2	84.1	19.607	17.2	0.0	1.5	1.5	3.1
27	16.3	22.5	19.3	91.9	20.476	17.9	0.0	0.0	0.0	0.0
28	16.4	25.0	20.7	82.8	20.022	17.5	14.1	0.2	14.3	2.8
29	17.4	27.5	20.3	82.7	20.317	17.8	3.3	0.3	3.6	7.3
30	16.3	25.5	21.1	78.2	19.874	17.3	0.0	0.0	0.0	7.2
31	17.3	26.0	21.3	76.5	20.078	17.6	0.0	0.0	0.0	6.0
PROM.	17.6	25.3	21.1	80.7	20.263	17.7	90.7	34.4	125.1	112.9

## M E S - A B R I L

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	25.6	21.6	72.3	18.968	16.6	0.0	0.0	0.0	2.7
2	17.4	24.5	20.4	78.2	18.851	16.5	0.1	0.0	0.1	2.4
3	18.0	26.5	21.4	73.4	18.905	16.6	0.0	0.0	0.0	4.7
4	18.3	24.8	20.9	83.7	20.989	18.3	0.0	0.0	0.0	1.6
5	18.2	26.5	22.5	77.8	21.499	18.6	4.2	6.2	10.4	4.4
6	16.3	25.3	20.7	81.3	19.515	17.1	0.5	1.3	1.8	2.8
7	16.4	24.0	20.4	87.8	21.187	18.4	2.5	16.8	19.3	0.2
8	16.3	22.0	19.9	90.7	21.081	18.3	6.8	0.0	6.8	0.1
9	17.4	21.2	19.1	91.9	20.285	17.7	13.2	6.7	19.9	0.0
10	16.3	23.3	20.3	90.2	21.502	18.7	0.0	1.4	1.4	1.5
11	17.3	23.0	19.1	90.0	19.875	17.4	0.0	0.0	0.0	0.9
12	17.2	26.0	20.7	89.3	21.837	18.9	0.0	6.8	6.8	3.0
13	17.3	21.5	20.0	92.5	21.602	18.7	9.8	0.0	9.8	0.0
14	16.1	23.0	19.8	89.8	20.816	18.1	1.8	0.1	1.9	1.1
15	17.0	26.0	20.9	83.6	20.901	18.0	0.2	8.9	9.1	4.8
16	16.4	24.0	19.9	83.5	19.270	16.9	1.6	0.8	2.4	1.3
17	17.4	24.0	20.3	83.3	20.065	17.4	3.5	0.0	3.5	1.6
18	17.6	21.0	19.3	88.7	19.991	17.5	5.6	0.0	5.6	0.0
19	17.2	25.0	20.4	87.2	20.913	18.1	0.0	0.0	0.0	4.5
20	18.6	25.5	21.4	75.4	19.397	16.9	0.0	1.3	1.3	4.1
21	16.4	22.0	18.6	93.0	20.062	17.5	5.9	4.1	10.0	0.0
22	15.6	24.5	20.3	83.3	20.321	17.6	0.0	0.0	0.0	3.4
23	17.6	25.5	21.1	79.8	20.156	17.6	0.0	6.2	6.2	4.4
24	15.0	23.5	20.0	84.5	20.017	17.4	0.0	0.0	0.0	4.1
25	17.3	25.5	21.8	79.9	21.245	18.4	2.4	0.0	2.4	1.6
26	17.1	21.5	19.8	85.2	19.351	16.9	4.2	0.0	4.2	0.4
27	17.8	24.0	20.3	88.1	21.085	18.3	0.1	19.7	19.8	1.4
28	16.6	22.5	19.8	89.5	20.475	17.9	0.5	31.5	32.0	0.5
29	16.5	21.8	19.5	91.3	20.567	17.9	1.0	40.8	41.8	0.2
30	16.3	23.3	19.3	89.3	19.869	17.4	15.8	0.0	15.8	0.9
PROM.	17.0	23.9	20.3	85.2	20.353	17.7	79.7	152.6	232.3	58.6

ESTACION: MIS IONES

MUNICIPIO: MESITAS COLEGIOANO

1983

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	17.4	26.0	21.1	75.8	19.072	16.7	0.0	4.6	4.6	2.5
2	16.3	24.9	20.5	88.3	21.371	18.5	1.7	0.0	1.7	2.6
3	18.3	25.0	21.7	79.6	20.657	18.0	1.4	0.0	1.4	3.5
4	17.6	23.3	20.4	82.7	15.854	17.3	0.0	0.0	0.0	1.2
5	18.0	25.4	21.3	79.2	20.633	17.8	0.0	0.0	0.0	5.1
6	17.4	24.9	20.5	85.9	20.399	17.8	2.8	0.0	2.8	2.1
7	18.0	23.3	20.0	84.0	19.551	17.1	1.4	0.0	1.4	1.0
8	17.4	26.3	21.1	78.4	19.746	17.3	0.0	0.0	0.0	5.2
9	19.0	25.5	22.3	71.4	19.194	16.8	0.0	0.0	0.0	3.3
10	18.0	25.0	21.9	75.9	20.155	17.5	2.0	0.0	2.0	4.7
11	18.3	24.5	21.2	77.8	19.835	17.3	0.0	0.0	0.0	0.5
12	18.3	25.5	20.9	83.2	21.152	18.4	13.0	0.0	13.0	4.4
13	18.4	24.9	22.3	75.5	20.620	17.9	0.0	0.0	0.0	4.4
14	19.3	25.8	21.6	82.7	21.839	18.9	0.0	0.0	0.0	2.7
15	18.8	24.4	21.5	76.9	19.905	17.4	1.8	0.0	1.8	2.4
16	18.4	21.5	19.9	84.9	22.091	19.1	15.0	0.0	15.0	0.0
17	17.4	23.0	20.1	89.4	21.089	18.4	0.6	9.4	10.0	1.9
18	16.4	22.0	19.0	88.2	19.584	17.1	26.9	0.0	26.9	0.9
19	17.3	25.0	20.0	88.5	20.634	18.0	1.6	3.2	4.8	1.7
20	17.0	24.5	20.0	89.0	20.769	18.1	4.3	0.3	4.6	1.6
21	18.0	24.5	20.6	84.3	20.400	17.8	0.0	3.3	3.3	1.5
22	17.4	23.0	20.3	92.2	21.822	18.9	19.8	1.3	21.1	0.4
23	18.0	23.8	21.0	86.6	21.541	18.7	2.0	7.5	9.5	1.3
24	16.5	25.5	20.7	85.0	20.759	18.0	0.0	0.0	0.0	2.1
25	18.5	25.5	21.4	87.5	22.418	19.3	0.0	0.0	0.0	1.1
26	18.5	24.5	21.2	73.8	18.929	16.6	20.4	0.0	20.4	3.0
27	17.9	25.5	21.7	81.0	20.903	18.2	1.2	0.0	1.2	3.4
28	17.5	26.3	21.1	83.1	20.753	18.1	1.5	6.8	8.3	2.6
29	16.2	24.0	20.3	82.7	19.553	17.1	0.3	0.0	0.3	1.7
30	18.4	25.0	21.6	82.6	21.381	18.5	0.0	0.0	0.0	3.8
31	19.0	25.5	21.9	72.2	18.784	16.5	0.0	0.0	0.0	4.2
PROM.	17.8	24.6	20.9	82.5	20.498	17.8	117.7	36.4	154.1	76.6

## M E S - J U N I O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.5	23.5	20.9	84.6	20.979	18.2	0.4	0.0	0.4	0.9
2	18.0	23.8	21.1	81.9	20.864	18.1	0.9	0.0	0.9	0.9
3	17.8	23.0	20.2	84.2	20.332	17.6	0.0	0.0	0.0	0.7
4	17.5	23.0	20.5	87.0	21.317	18.5	0.3	0.5	0.8	1.8
5	16.5	23.3	20.0	85.1	19.838	17.3	0.2	0.0	0.2	0.9
6	17.8	22.3	19.9	77.2	17.845	15.7	0.5	0.0	0.5	0.7
7	17.3	24.0	20.8	73.9	18.229	15.9	0.0	0.0	0.0	3.1
8	16.5	23.0	19.6	86.5	20.061	17.5	0.0	0.0	0.0	0.1
9	16.8	26.0	20.7	70.7	17.434	15.3	0.0	0.0	0.0	6.5
10	18.5	26.4	21.6	76.8	19.845	17.4	0.0	2.1	2.1	4.1
11	18.5	24.8	20.7	80.0	19.515	17.1	0.3	1.1	1.4	2.6
12	18.0	24.0	20.4	80.7	19.730	17.2	0.0	0.0	0.0	3.5
13	17.9	23.8	20.4	89.1	21.778	18.8	3.5	0.0	3.5	2.9
14	17.5	25.0	21.1	80.1	20.325	17.7	0.0	2.8	2.8	3.1
15	18.0	24.0	20.1	82.5	19.465	17.1	0.0	0.0	0.0	3.6
16	18.5	23.3	20.3	84.2	20.196	17.6	0.0	0.0	0.0	1.3
17	17.8	24.0	20.2	83.7	19.945	17.4	0.0	0.0	0.0	1.5
18	17.8	29.0	22.0	66.8	17.899	15.7	0.0	0.0	0.0	7.8
19	17.1	27.4	22.4	61.3	16.811	14.8	0.0	0.0	0.0	8.8
20	17.5	24.4	20.9	75.3	18.874	16.6	0.0	0.0	0.0	0.7
21	16.6	25.0	21.0	73.8	18.154	15.8	0.0	0.0	0.0	6.2
22	16.0	27.0	21.5	70.8	18.091	15.9	0.0	2.8	2.8	6.4
23	16.8	23.3	19.5	85.7	19.487	17.0	0.2	0.0	0.2	3.1
24	16.5	25.4	21.8	71.4	18.754	16.4	0.0	0.0	0.0	7.6
25	16.5	25.8	21.5	67.8	17.796	15.4	0.6	0.0	0.6	5.6
26	16.7	25.4	21.1	80.7	20.272	17.7	0.0	0.0	0.0	4.1
27	17.0	27.3	21.3	71.1	18.254	16.0	0.0	0.5	0.5	6.7
28	16.5	23.3	19.6	80.6	18.533	16.3	0.3	0.0	0.3	1.6
29	18.0	22.4	19.7	79.1	18.380	16.0	0.6	0.0	0.6	0.3
30	17.8	25.0	21.4	73.2	18.618	16.3	0.0	0.0	0.0	4.9
PROM.	17.5	24.6	20.7	78.2	19.254	16.8	7.8	9.8	17.6	101.8

ESTACION: MISIONES

MUNICIPIO: MESITAS COLEGICANO:

1.983

ALTITUD: 1.540

LATITUD: 4-34 N.

LONGITUD: 74-18 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	23.0	20.2	80.0	19.252	16.8	0.0	0.0	0.0	2.2
2	16.9	22.8	20.2	79.8	18.963	16.6	0.2	0.0	0.2	2.4
3	18.0	25.5	21.3	72.5	18.305	16.1	0.0	0.0	0.0	3.9
4	18.5	25.6	21.2	80.2	20.222	17.6	0.0	0.2	0.2	2.1
5	16.9	24.3	20.8	79.5	19.620	17.2	0.0	0.0	0.0	3.6
6	18.5	24.2	20.9	78.7	19.495	17.1	0.0	0.0	0.0	4.5
7	18.0	24.3	20.5	87.7	21.364	18.6	0.0	0.0	0.0	4.4
8	18.0	23.0	19.5	93.7	21.455	18.6	0.8	4.4	5.2	1.0
9	17.0	24.6	20.7	79.5	19.483	17.0	0.5	2.4	2.9	2.1
10	15.6	25.0	21.0	70.2	17.490	15.3	0.0	0.0	0.0	6.1
11	18.5	26.0	20.3	78.9	19.479	17.0	6.8	0.0	6.8	4.2
12	17.5	24.5	21.2	74.2	18.519	16.2	0.0	0.0	0.0	3.2
13	17.6	25.5	21.9	67.4	17.601	15.5	0.0	0.0	0.0	4.3
14	17.4	26.5	22.0	65.9	17.426	15.3	1.5	0.0	1.5	5.3
15	17.5	25.3	21.5	77.6	19.872	17.4	6.1	0.0	6.1	3.3
16	18.0	25.3	21.4	74.0	19.111	16.7	0.0	0.0	0.0	6.4
17	16.8	22.3	20.2	82.7	19.411	17.0	1.6	0.0	1.6	4.0
18	17.0	25.0	21.5	72.9	18.637	16.4	0.0	0.0	0.0	5.6
19	17.5	26.0	20.7	75.0	18.638	16.4	3.7	0.0	3.7	4.3
20	17.5	24.9	20.6	78.3	19.027	16.7	3.5	0.0	3.5	5.8
21	16.8	25.0	20.8	73.0	17.902	15.8	0.8	0.0	0.8	3.6
22	16.7	23.0	19.4	82.1	18.559	16.3	0.2	0.6	0.8	2.0
23	15.4	22.5	18.9	80.8	17.764	15.6	1.9	0.8	2.7	1.2
24	14.5	24.9	20.9	66.1	16.059	14.1	0.0	0.0	0.0	9.2
25	15.5	26.5	21.2	60.6	15.217	13.2	0.0	0.0	0.0	7.7
26	16.5	27.0	21.2	66.8	16.735	14.7	0.0	0.0	0.0	4.5
27	17.5	24.3	20.0	73.8	17.703	15.5	0.0	0.0	0.0	2.8
28	17.0	25.4	20.7	77.2	19.000	16.7	0.9	0.0	0.9	4.2
29	17.6	26.5	22.9	68.0	19.107	16.8	0.0	0.0	0.0	3.9
30	18.5	22.3	20.2	81.2	19.139	16.8	0.3	0.0	0.3	4.1
31	17.8	24.9	19.2	90.5	20.654	18.0	7.6	1.3	8.9	2.6
PROM.	17.2	24.7	20.7	76.4	18.750	16.4	36.4	9.7	46.1	125.2

## 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	16.5	22.4	19.6	76.2	17.314	15.2	0.0	0.0	0.0	1.9
2	16.0	24.0	20.7	71.3	17.216	15.1	0.0	0.6	0.6	3.9
3	16.5	24.5	20.2	70.4	16.689	14.6	0.0	0.0	0.0	2.1
4	18.0	25.5	21.9	63.7	16.776	14.8	1.9	1.1	3.0	5.6
5	16.3	22.5	19.5	79.3	17.593	15.4	0.3	0.0	0.3	2.0
6	16.5	24.5	20.5	74.4	17.881	15.7	0.8	4.0	4.8	0.8
7	16.5	24.0	20.3	77.9	18.359	16.1	0.0	0.0	0.0	2.7
8	16.0	24.4	21.1	63.2	15.682	13.7	0.0	0.0	0.0	3.8
9	18.0	26.0	21.1	65.4	16.375	14.4	0.0	0.0	0.0	4.8
10	17.0	24.2	20.9	75.5	16.932	16.4	0.0	0.0	0.0	3.7
11	16.5	27.0	23.0	57.9	16.114	14.1	0.0	0.4	0.4	6.1
12	18.5	24.5	20.8	69.0	17.152	15.1	0.0	0.0	0.0	4.7
13	17.0	27.5	22.4	68.2	17.938	15.8	0.0	0.0	0.0	5.3
14	17.5	28.5	23.2	59.9	16.808	14.8	0.0	0.0	0.0	8.2
15	18.0	27.5	23.0	61.0	16.904	14.9	0.0	0.0	0.0	5.7
16	19.0	25.5	21.9	68.3	17.996	15.8	0.0	0.0	0.0	2.8
17	18.0	23.5	20.8	78.3	19.156	16.8	0.0	0.0	0.0	2.2
18	17.4	23.3	19.0	87.6	19.408	17.0	0.7	0.0	0.7	0.2
19	17.5	22.5	19.8	74.8	17.391	15.3	0.0	0.0	0.0	0.7
20	14.7	25.5	21.4	71.7	18.032	15.9	0.0	0.0	0.0	6.6
21	16.5	24.5	20.8	72.7	18.011	15.8	0.0	0.2	0.2	2.7
22	16.0	26.0	21.8	74.7	19.043	16.7	0.0	0.0	0.0	5.9
23	18.5	26.0	21.6	67.1	17.121	15.1	0.0	0.0	0.0	4.1
24	18.5	25.5	21.5	71.7	18.359	16.1	0.0	0.0	0.0	3.1
25	18.0	24.5	20.7	74.9	18.367	16.1	0.0	0.0	0.0	0.9
26	17.5	26.5	21.2	70.1	17.789	15.6	0.1	0.0	0.1	4.7
27	18.0	25.4	21.8	66.5	17.457	15.3	0.0	2.1	2.1	4.9
28	17.5	22.4	19.9	87.2	20.350	17.7	8.6	0.0	8.6	0.2
29	17.0	23.9	20.2	84.5	19.827	17.3	0.1	0.1	0.2	0.4
30	18.0	26.0	22.1	70.5	18.826	16.5	0.0	0.0	0.0	4.7
31	17.5	27.0	22.8	63.9	17.662	15.5	0.0	0.0	0.0	8.7
PROM.	17.2	25.0	21.1	71.5	17.825	15.6	12.5	8.5	21.0	114.3

ESTACION: MIS IONES

MUNICIPIO: MESITAS COLEGIO AÑO:

1.983

ALTITUD: 1.540

LATITUD: 4-34 N.

LONGITUD: 74-18 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	21.0	77.7	19.454	17.0	0.3	0.0	0.3	4.6
2	18.5	27.0	20.9	80.2	19.623	17.2	0.5	0.0	0.5	3.8
3	17.2	26.5	21.5	69.2	17.566	15.4	0.0	0.0	0.0	4.6
4	18.0	25.5	22.0	67.6	17.986	15.8	0.0	0.0	0.0	6.6
5	18.0	26.5	21.1	76.9	19.546	17.1	2.7	0.1	2.8	4.7
6	17.5	24.3	19.8	81.9	18.731	16.4	0.4	0.0	0.4	1.6
7	17.0	25.5	20.9	72.5	17.417	15.2	0.0	0.0	0.0	2.8
8	17.5	23.0	19.6	80.4	18.428	16.1	0.0	0.0	0.0	2.0
9	17.5	26.5	21.1	64.4	16.366	14.4	2.2	0.0	2.2	2.4
10	18.5	25.5	21.7	63.8	16.456	14.4	0.0	0.0	0.0	2.8
11	17.5	25.4	21.5	69.5	17.638	15.5	0.0	0.0	0.0	5.0
12	17.0	25.5	20.8	74.3	17.879	15.7	0.0	0.0	0.0	3.0
13	18.0	25.5	21.4	65.3	16.337	14.3	0.0	0.5	0.5	4.6
14	17.1	24.5	19.8	78.1	17.818	15.7	0.0	0.0	0.0	4.2
15	18.5	24.8	20.9	71.8	17.815	15.7	0.0	0.0	0.0	2.5
16	17.5	25.0	21.3	72.7	18.726	16.4	0.5	0.0	0.5	2.9
17	17.3	24.5	20.5	78.9	18.766	16.5	0.3	0.0	0.3	2.6
18	18.0	25.2	21.9	66.3	17.326	15.2	3.8	0.1	3.9	5.6
19	17.4	24.8	20.6	84.7	20.610	17.9	1.0	0.0	1.0	5.8
20	18.5	24.8	21.1	69.1	17.537	15.3	0.3	0.0	0.3	2.7
21	17.0	28.0	22.0	66.4	17.345	15.3	0.0	3.8	3.8	4.7
22	15.3	22.5	18.4	85.2	18.057	15.9	0.5	0.0	0.5	2.7
23	16.5	27.0	21.6	68.3	17.442	15.4	0.0	0.0	0.0	4.5
24	17.5	25.5	20.8	79.3	19.267	16.9	0.0	0.0	0.0	3.6
25	17.6	27.0	22.2	67.9	17.923	15.7	0.0	0.0	0.0	5.0
26	18.0	27.0	22.0	69.2	18.290	16.1	0.7	0.0	0.7	5.2
27	19.0	27.0	22.6	71.6	19.644	17.2	0.0	0.0	0.0	5.6
28	18.5	25.5	21.3	69.9	17.879	15.7	1.5	0.0	1.5	2.8
29	17.9	25.0	22.0	67.9	18.105	15.9	0.0	1.0	1.0	3.8
30	17.2	26.5	20.1	81.0	18.745	16.5	0.0	0.0	0.0	4.7
PROM.	17.6	25.5	21.1	73.1	18.157	15.9	14.7	5.5	20.2	117.4

## 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	26.0	21.8	71.6	18.659	16.4	0.0	1.3	1.3	2.0
2	17.4	23.5	21.1	73.8	18.369	16.1	0.0	0.0	0.0	3.0
3	19.0	26.8	21.0	73.4	18.522	16.2	4.9	0.0	4.9	1.7
4	17.5	24.9	21.2	79.6	20.062	17.6	3.4	0.0	3.4	2.3
5	17.0	26.3	20.8	79.7	19.165	16.8	0.0	0.0	0.0	4.5
6	18.0	26.3	21.9	68.9	17.929	15.8	0.0	0.0	0.0	4.6
7	17.0	25.6	20.5	64.4	15.572	13.6	0.0	0.0	0.0	1.7
8	18.5	25.8	21.9	63.8	17.025	14.9	0.0	0.0	0.0	4.7
9	16.8	25.5	21.0	77.8	19.629	17.1	2.2	0.0	2.2	5.3
10	16.5	26.3	22.1	73.0	19.247	16.9	0.0	0.0	0.0	4.6
11	17.0	23.3	19.6	82.9	18.816	16.5	0.0	0.0	0.0	2.0
12	17.5	26.5	20.7	77.1	18.782	16.5	0.0	0.3	0.3	3.1
13	16.5	21.9	18.9	90.1	19.428	17.0	0.0	0.0	0.0	0.6
14	16.0	21.5	18.1	89.3	18.647	16.4	14.0	0.0	14.0	0.0
15	15.3	20.9	17.7	95.2	19.261	16.9	0.5	52.0	52.5	0.0
16	15.3	20.9	18.3	94.5	19.936	17.4	6.3	0.1	6.4	0.1
17	16.3	26.5	20.1	83.9	19.542	17.1	0.0	0.0	0.0	5.3
18	17.0	26.5	20.8	82.1	20.249	17.7	0.0	0.0	0.0	5.6
19	17.5	22.8	19.1	93.7	20.748	18.1	2.3	17.4	19.7	0.6
20	16.0	24.3	19.8	85.5	19.749	17.3	0.0	4.1	4.1	3.3
21	16.3	24.9	19.0	90.9	20.233	17.6	3.7	0.0	3.7	2.5
22	15.5	26.3	20.4	82.9	19.674	17.2	0.0	0.0	0.0	6.3
23	17.0	23.2	19.2	90.9	20.150	17.6	1.4	0.0	1.4	3.4
24	18.0	24.3	19.9	82.9	19.045	16.7	0.0	0.0	0.0	4.2
25	18.5	23.2	20.1	84.0	19.921	17.4	0.5	0.0	0.5	1.1
26	17.5	22.4	19.7	87.9	20.353	17.7	4.0	2.0	6.0	1.7
27	16.5	22.5	20.2	76.8	17.922	15.7	0.0	0.0	0.0	1.7
28	17.4	23.5	19.7	84.9	20.054	17.5	12.8	1.1	13.9	3.3
29	17.5	25.4	20.8	75.2	18.502	16.3	0.7	4.5	5.2	2.8
30	16.5	20.9	18.2	97.3	20.344	17.8	2.2	0.0	2.2	0.2
31	17.5	24.0	19.1	88.5	19.858	17.4	13.1	0.0	13.1	2.9
PROM.	17.0	24.3	20.1	82.0	19.206	16.8	72.0	82.8	154.8	85.1

ESTACION: MISIONES

MUNICIPIO: MESITAS COLEGILANO

1.983

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	17.0	23.0	19.7	88.7	20.419	17.8	0.0	1.4	1.4	2.1
2	16.4	23.6	19.3	88.6	15.497	17.0	24.7	6.1	30.8	2.7
3	17.0	24.5	20.2	84.8	20.240	17.7	0.3	0.4	0.7	3.8
4	16.5	23.5	20.2	80.7	19.173	16.8	0.0	0.0	0.0	2.7
5	17.5	25.0	20.7	83.3	20.459	17.5	0.0	0.0	0.0	5.5
6	18.5	24.5	20.4	86.5	20.918	18.1	5.5	0.0	5.5	3.6
7	18.5	24.0	20.8	83.0	20.572	17.9	0.0	0.0	0.0	3.5
8	17.5	23.5	20.6	88.3	21.505	18.6	0.0	0.0	0.0	0.2
9	18.0	25.0	21.2	84.8	21.308	18.5	0.0	10.0	10.0	6.0
10	18.5	23.5	20.7	83.7	20.480	17.9	0.0	24.0	24.0	2.7
11	18.5	22.5	20.6	83.8	20.136	17.6	18.0	0.0	18.0	4.0
12	17.5	22.5	20.1	86.1	20.009	17.5	0.0	0.0	0.0	4.3
13	18.0	24.5	20.6	89.4	22.241	19.1	0.0	0.0	0.0	3.7
14	17.5	24.5	20.3	89.1	21.633	18.7	17.0	3.0	20.0	3.8
15	16.5	22.5	19.7	90.5	20.608	17.9	0.0	0.0	0.0	3.0
16	18.4	25.5	21.0	84.6	21.480	18.6	0.0	0.0	0.0	5.8
17	17.5	22.5	19.9	85.3	19.726	17.3	0.0	0.0	0.0	2.7
18	17.5	23.5	20.5	82.2	19.980	17.5	0.0	0.0	0.0	5.9
19	19.0	23.5	20.9	82.9	20.647	18.0	0.0	0.0	0.0	1.7
20	18.0	25.0	21.7	83.8	22.099	19.0	0.0	0.0	0.0	2.7
21	18.5	25.0	21.8	80.9	21.363	18.5	0.0	0.0	0.0	7.4
22	17.5	25.0	20.7	78.2	19.043	16.7	0.0	0.0	0.0	4.4
23	18.0	26.0	21.5	82.6	21.384	18.5	1.5	0.0	1.5	7.6
24	17.5	21.0	19.2	82.9	18.482	16.2	0.0	0.0	0.0	1.2
25	17.5	26.5	22.0	83.1	22.226	19.1	0.0	0.0	0.0	6.1
26	17.5	23.5	20.1	80.3	19.060	16.8	2.0	0.0	2.0	2.8
27	18.0	22.5	20.2	78.8	18.690	16.4	0.0	0.0	0.0	1.4
28	18.0	23.5	20.6	82.1	19.995	17.5	0.0	0.0	0.0	1.7
29	17.5	20.0	18.9	89.6	19.369	17.0	15.0	0.0	15.0	0.6
30	17.5	21.5	19.2	81.2	17.888	15.7	1.0	0.0	1.0	0.6
PROM.	17.7	23.7	20.4	84.3	20.354	17.7	85.0	44.9	129.9	104.2

## M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	20.5	19.1	83.5	18.206	15.9	0.0	0.0	0.0	0.1
2	17.5	23.5	20.2	88.6	20.943	18.2	0.0	0.0	0.0	5.6
3	16.5	24.5	20.5	83.9	20.056	17.5	0.0	4.0	4.0	5.4
4	16.5	20.5	18.8	84.0	18.049	15.9	0.0	2.0	2.0	0.5
5	17.0	20.0	18.8	82.4	17.768	15.6	0.0	0.0	0.0	0.6
6	16.0	23.5	18.6	84.0	17.885	15.7	0.0	3.0	3.0	2.0
7	16.5	22.5	19.2	84.2	18.666	16.4	10.0	5.0	15.0	2.7
8	16.5	21.0	18.3	90.1	18.745	16.5	0.0	31.0	31.0	1.2
9	15.5	21.0	18.6	85.6	18.143	16.0	1.5	0.0	1.5	1.9
10	14.5	22.5	19.4	86.2	18.896	16.6	0.0	0.0	0.0	2.0
11	17.2	23.0	20.3	84.7	20.017	17.5	3.0	3.0	6.0	4.3
12	16.5	25.3	20.8	81.0	19.839	17.3	0.0	3.5	3.5	7.7
13	16.5	23.4	19.8	83.5	19.057	16.7	0.0	5.0	5.0	3.4
14	16.5	22.0	19.6	82.5	18.624	16.4	0.0	0.0	0.0	2.5
15	17.0	22.5	19.8	83.7	18.962	16.6	0.0	0.0	0.0	1.8
16	17.5	23.2	20.2	82.4	19.340	16.9	0.0	0.0	0.0	2.1
17	17.5	22.5	18.3	92.4	19.463	17.1	34.5	0.0	34.5	0.6
18	17.0	21.5	19.9	86.2	19.827	17.3	0.0	0.0	0.0	1.3
19	18.5	24.5	20.7	81.5	20.305	17.7	0.0	2.0	2.0	3.6
20	16.0	22.5	19.3	91.4	20.343	17.8	0.0	0.0	0.0	1.2
21	17.5	25.5	20.2	80.6	19.354	16.9	0.0	0.0	0.0	4.0
22	18.5	23.5	20.5	78.5	19.072	16.6	0.0	0.0	0.0	3.5
23	18.0	24.0	20.5	72.2	17.490	15.3	0.0	0.0	0.0	3.4
24	18.5	23.5	21.2	82.3	20.686	18.0	0.0	0.0	0.0	6.0
25	18.0	24.8	21.2	76.0	19.610	17.1	3.0	0.0	3.0	3.0
26	17.0	23.8	20.4	90.3	21.832	18.8	0.0	0.0	0.0	0.4
27	18.0	24.5	21.3	74.2	18.829	16.5	0.0	0.0	0.0	5.4
28	17.5	24.8	20.8	77.3	19.106	16.7	0.0	0.0	0.0	5.4
29	18.5	25.0	21.2	76.5	19.615	17.1	0.0	0.0	0.0	5.5
30	17.5	25.0	20.5	75.9	18.860	16.5	0.0	0.0	0.0	5.6
31	16.5	24.5	19.0	86.2	19.114	16.8	24.5	4.5	29.0	6.0
PROM.	17.1	23.2	19.9	83.0	19.248	16.8	76.5	63.0	139.5	98.7

ESTACION: MISIONES

MUNICIPIO MESITAS COLEGIC

AÑO: 1.983

ALTITUD: 1.540

LATITUD: 4-34 N.

LONGITUD: 74-18 W.

MESES	TEMPERATURA °C					Humedad relativa 0/0	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mn.	Días lluvias	
ENERO	17.9	25.1	21.0	16.5	29.5	78.3	19.510	17.1	121.7	10	141.8
FEBRERO	18.0	25.7	21.4	16.0	29.5	75.3	19.137	16.7	36.0	8	125.9
MARZO	17.6	25.3	21.1	16.3	28.5	80.7	20.263	17.7	125.1	15	112.9
ABRIL	17.0	23.9	20.3	15.0	26.5	85.2	20.353	17.7	232.3	23	58.6
MAYO	17.8	24.6	20.9	16.2	26.3	82.5	20.498	17.8	154.1	20	76.6
JUNIO	17.5	24.6	20.7	16.0	29.0	78.2	19.254	16.8	17.6	15	101.8
JULIO	17.2	24.7	20.7	14.5	27.0	76.4	18.750	16.4	46.1	16	125.2
AGOSTO	17.2	25.0	21.1	14.7	28.5	71.5	17.825	15.6	21.0	11	114.3
SEPTIEMBRE	17.6	25.5	21.1	15.3	28.0	73.1	18.157	15.9	20.2	16	117.4
OCTUBRE	17.0	24.3	20.1	15.3	26.8	82.0	19.206	16.8	154.8	18	85.1
NOVIEMBRE	17.7	23.7	20.4	16.4	26.5	84.3	20.354	17.7	129.9	12	104.2
DICIEMBRE	17.1	23.2	19.9	14.5	25.5	83.0	19.248	16.8	139.5	13	98.7
PROMEDIO	17.5	24.6	20.7	15.6	27.6	79.2	19.380	16.9			
TOTAL									1198.3	177	1262.5

ESTACION: GRANJA TIBACUY

MUNICIPIO: TIBACUY

AÑO: 1.983

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	14.8	24.5	19.2	79.0	18.120	15.9	0.0	0.0	0.0	6.5
2	15.6	22.9	19.3	88.4	20.061	17.5	0.0	1.5	1.5	1.0
3	16.5	21.8	19.2	93.4	21.178	18.4	1.0	0.0	1.0	1.4
4	17.0	22.0	18.2	96.5	20.738	18.0	5.8	1.2	7.0	0.8
5	15.7	23.5	18.7	88.3	19.606	17.1	0.0	0.0	0.0	4.8
6	14.8	22.5	17.9	92.6	19.415	17.0	0.0	0.0	0.0	1.4
7	15.9	24.5	19.4	75.0	17.285	15.2	0.0	0.0	0.0	2.4
8	14.5	25.5	19.9	72.6	17.445	15.3	0.0	0.0	0.0	8.4
9	16.3	24.5	19.0	78.9	18.129	15.9	0.0	0.0	0.0	3.3
10	16.0	24.5	18.6	79.2	17.428	15.4	0.0	0.0	0.0	3.4
11	16.3	25.0	20.0	79.6	18.754	16.5	0.0	0.0	0.0	5.0
12	15.0	25.3	19.5	74.4	17.376	15.3	0.0	0.0	0.0	5.6
13	15.2	24.2	18.8	73.8	16.333	14.3	0.0	0.0	0.0	5.9
14	16.5	24.6	18.9	89.3	19.929	17.4	0.0	0.9	0.9	6.2
15	16.5	25.3	20.5	80.3	19.782	17.3	0.0	0.0	0.0	7.2
16	16.5	23.4	19.0	88.0	19.858	17.3	0.8	0.0	0.8	3.1
17	15.0	25.0	19.3	79.7	18.035	15.9	0.0	0.0	0.0	6.0
18	15.0	25.5	20.0	73.8	17.512	15.4	0.0	0.0	0.0	8.3
19	14.6	25.0	20.2	79.6	18.567	16.3	0.0	0.0	0.0	7.3
20	16.4	25.5	20.9	76.6	19.283	16.9	0.0	0.0	0.0	5.0
21	16.5	26.8	21.5	73.3	19.166	16.8	0.0	0.0	0.0	6.9
22	16.5	27.4	21.3	73.7	18.704	16.5	0.0	0.0	0.0	8.9
23	15.5	27.5	21.9	54.6	14.921	12.9	0.0	0.0	0.0	9.1
24	15.0	27.0	20.9	64.6	16.405	14.3	0.0	0.0	0.0	7.5
25	15.2	27.5	21.1	72.9	18.575	16.3	0.0	0.0	0.0	6.9
26	15.2	26.6	21.3	77.8	20.079	17.5	0.0	0.0	0.0	6.4
27	16.4	26.0	20.4	83.5	20.242	17.7	0.0	27.3	27.3	6.0
28	17.2	24.0	20.6	85.9	21.157	18.4	0.0	7.8	7.8	3.9
29	16.8	24.6	19.7	88.2	20.576	18.0	0.0	0.0	0.0	3.7
30	16.0	26.6	21.4	79.0	20.445	17.8	0.0	3.0	3.0	7.8
31	15.6	24.6	19.6	84.7	15.579	17.2	0.0	31.4	31.4	6.0
PROM.	15.8	25.0	19.9	79.9	18.861	16.5	7.6	73.1	80.7	166.1

## 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	16.0	25.5	20.3	77.8	18.629	16.4	0.0	0.0	0.0	5.2
2	16.0	25.0	20.2	77.8	18.716	16.4	0.0	0.0	0.0	2.7
3	16.2	26.2	20.5	71.6	17.279	15.1	0.0	0.0	0.0	8.2
4	16.7	26.3	20.0	74.7	17.731	15.6	0.0	0.0	0.0	7.8
5	15.2	24.6	19.6	86.0	19.919	17.4	0.0	7.6	7.6	6.0
6	16.5	23.3	19.5	87.3	19.893	17.4	0.5	1.4	1.9	3.5
7	16.2	24.5	18.9	89.2	20.040	17.5	0.0	0.0	0.0	1.9
8	14.3	23.6	19.1	83.3	18.829	16.5	27.5	0.0	27.5	4.1
9	14.5	24.9	18.7	84.1	18.458	16.2	0.0	0.0	0.0	8.0
10	15.5	23.7	19.6	80.4	18.599	16.3	0.0	11.7	11.7	5.2
11	15.6	24.8	20.5	78.6	19.192	16.8	0.0	0.0	0.0	7.1
12	16.0	25.6	19.9	68.1	15.864	13.8	0.0	0.0	0.0	5.4
13	15.5	26.0	19.9	68.0	16.998	14.0	0.0	0.0	0.0	7.3
14	14.5	24.3	19.4	79.1	18.476	16.2	0.0	0.0	0.0	7.4
15	14.5	26.3	21.4	67.4	17.362	15.2	0.0	0.0	0.0	7.4
16	17.0	25.0	20.3	73.9	17.980	15.6	0.0	0.0	0.0	4.0
17	14.4	25.0	20.1	69.4	17.009	14.9	0.0	0.0	0.0	3.1
18	15.6	22.2	18.6	91.9	20.263	17.7	0.2	0.3	0.5	2.0
19	15.0	26.0	19.5	73.2	17.167	15.1	0.0	0.0	0.0	5.9
20	15.0	26.1	21.3	74.3	18.300	16.1	0.0	0.0	0.0	6.7
21	17.1	23.1	19.6	87.8	20.253	17.7	0.3	0.0	0.3	2.2
22	15.7	26.3	20.8	71.9	17.630	15.5	0.0	0.0	0.0	6.3
23	17.0	24.0	19.7	82.6	19.222	16.9	0.0	0.0	0.0	1.4
24	16.6	26.3	21.1	71.1	17.707	15.6	0.0	0.0	0.0	5.8
25	17.1	25.6	19.8	78.9	18.709	16.4	0.0	0.9	0.9	4.9
26	15.6	27.0	19.9	79.4	18.321	16.1	0.2	0.0	0.2	4.7
27	15.6	27.5	21.1	66.5	16.628	14.5	0.0	0.0	0.0	9.0
28	17.0	24.6	19.9	82.1	19.000	16.7	0.0	0.0	0.0	2.7
PROM.	15.8	25.1	20.0	77.7	18.328	16.1	28.7	21.9	50.6	145.9

ESTACION: GRANJA TIBACUY  
 ALTITUD: 1.550

MUNICIPIO: TIBACUY  
 LATITUD: 4-21 N.

AÑO: 1.983  
 LONGITUD: 74-25 W.

M E S - MARZE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.2	28.0	21.0	72.9	18.192	16.0	0.0	0.0	0.0	4.3
2	16.6	24.0	21.9	80.3	21.175	18.2	0.0	12.5	12.5	3.1
3	17.0	26.2	20.8	84.9	21.188	18.4	0.0	0.0	0.0	2.9
4	16.1	27.0	20.6	83.2	20.538	17.9	0.3	0.0	0.3	6.2
5	17.0	27.0	21.1	74.5	18.517	16.3	0.0	0.0	0.0	6.1
6	16.6	25.2	20.2	75.6	18.855	16.6	0.0	4.8	4.8	0.6
7	17.0	22.0	19.8	89.1	20.618	18.0	0.0	0.0	0.0	3.1
8	17.0	23.0	19.7	87.4	20.119	17.6	0.3	70.7	71.0	2.8
9	17.0	22.0	19.5	89.1	20.347	17.8	24.8	0.0	24.8	2.2
10	14.8	22.7	18.4	92.1	20.203	17.6	7.3	0.0	7.3	0.5
11	15.6	26.0	20.8	83.3	20.581	18.0	0.0	0.3	0.3	6.4
12	16.6	24.0	20.3	76.0	18.157	16.0	0.0	0.0	0.0	5.4
13	15.8	23.5	19.2	83.1	18.820	16.5	0.0	0.8	0.8	1.4
14	16.4	20.2	17.7	95.8	19.615	17.2	0.0	0.0	0.0	0.1
15	15.0	26.1	20.8	74.1	18.152	16.0	0.0	0.0	0.0	6.4
16	16.3	26.8	20.9	74.9	18.922	16.6	1.6	0.0	1.6	6.4
17	17.2	26.3	21.4	77.8	20.067	17.5	0.0	0.0	0.0	4.6
18	16.1	23.5	20.6	82.6	20.175	17.6	0.0	0.0	0.0	3.2
19	16.8	25.9	20.8	78.3	19.463	17.1	0.0	0.0	0.0	7.2
20	15.0	27.0	20.9	66.3	17.037	14.8	0.0	0.0	0.0	5.9
21	17.0	24.0	20.8	83.7	20.339	17.7	0.0	0.0	0.0	0.7
22	14.4	26.0	20.7	76.3	18.368	16.1	0.0	0.0	0.0	3.2
23	16.6	25.4	19.5	81.4	18.751	16.5	0.0	0.0	0.0	2.6
24	15.5	22.4	18.4	86.6	18.493	16.2	0.0	0.0	0.0	2.0
25	17.1	23.5	18.9	87.4	19.358	17.0	4.3	3.5	7.8	0.1
26	17.4	22.6	20.2	87.8	20.654	18.0	0.0	5.4	5.4	0.0
27	15.5	22.0	18.8	85.6	18.629	16.4	0.8	0.0	0.8	0.2
28	16.6	25.2	20.9	79.0	19.205	16.8	0.0	0.0	0.0	5.2
29	15.8	25.4	20.6	79.8	19.337	17.0	0.0	1.2	1.2	6.3
30	14.5	25.6	20.3	79.3	18.845	16.5	0.0	0.0	0.0	9.2
31	15.2	26.3	20.9	71.4	17.251	15.2	0.0	0.0	0.0	0.8
PROM.	16.2	24.7	20.2	81.4	19.358	16.9	39.4	99.2	138.6	109.1

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.3	24.3	19.5	78.5	17.242	15.2	0.0	0.0	0.0	1.1
2	16.0	25.0	18.8	78.9	17.225	15.2	5.8	0.0	5.8	2.2
3	16.0	25.1	19.1	79.6	17.753	15.6	0.0	5.0	5.0	2.1
4	16.1	25.1	20.0	82.6	19.078	16.8	0.0	0.0	0.0	1.7
5	15.0	26.0	21.6	75.9	19.004	16.6	0.0	0.0	0.0	6.0
6	16.0	24.0	20.4	72.4	17.121	15.0	0.0	0.0	0.0	2.4
7	17.5	24.3	19.4	83.2	18.989	16.7	4.7	7.6	12.3	0.1
8	16.1	21.1	18.2	89.5	19.072	16.7	1.0	1.0	2.0	0.1
9	16.0	19.1	18.2	96.1	20.216	17.7	3.4	9.0	12.4	0.0
10	15.0	23.1	19.5	85.8	19.269	16.9	0.0	28.0	28.0	2.5
11	15.0	22.2	18.8	94.5	20.824	18.1	0.0	0.0	0.0	0.7
12	15.1	22.3	20.1	85.0	20.028	17.5	9.1	0.0	9.1	2.8
13	15.4	20.0	18.8	94.7	20.446	17.8	18.8	0.0	18.8	0.0
14	16.0	22.1	18.2	88.3	18.663	16.4	2.2	0.0	2.2	0.5
15	15.0	24.1	19.9	82.9	19.557	17.1	8.3	2.5	10.8	4.4
16	15.8	21.4	18.7	91.0	19.827	17.3	0.0	0.0	0.0	0.2
17	15.9	25.1	19.6	86.1	20.067	17.5	6.0	0.0	6.0	2.4
18	15.6	21.4	19.2	90.1	19.978	17.5	1.6	0.0	1.6	0.0
19	15.0	25.1	19.4	80.7	18.351	16.1	0.0	0.0	0.0	6.4
20	15.0	23.1	19.8	84.0	19.623	17.1	0.0	4.8	4.8	2.6
21	15.8	20.6	18.2	88.1	18.650	16.4	1.3	4.0	5.3	0.1
22	14.6	24.0	19.0	84.2	18.710	16.4	0.0	0.0	0.0	4.7
23	14.4	25.0	21.3	79.3	19.579	17.2	0.0	5.2	5.2	5.0
24	15.1	25.0	20.3	76.7	18.292	16.1	0.7	0.0	0.7	5.7
25	15.0	26.0	21.9	76.3	20.094	17.4	0.0	0.0	0.0	8.2
26	15.0	20.1	19.3	87.9	19.741	17.3	1.3	0.0	1.3	0.2
27	14.5	23.3	21.2	76.8	19.378	17.0	0.0	16.2	16.2	3.9
28	16.3	24.6	19.6	74.8	17.478	15.3	2.1	0.0	2.1	3.5
29	16.1	22.0	18.1	94.2	19.942	17.4	0.0	0.0	0.0	0.3
30	15.6	24.6	20.8	81.1	19.982	17.5	0.0	1.4	1.4	4.2
PROM.	15.5	23.3	19.6	84.0	19.139	16.8	66.3	84.7	151.0	74.0

ESTACION: GRANJA TIBACUY

MUNICIPIO: TIBACUY

AÑO: 1983

ALTITUD: 1.550

LATITUD: 4-21 N.

LONGITUD: 74-25 W.

## M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	23.6	21.4	80.2	20.404	17.8	1.6	2.1	3.7	3.1
2	15.6	25.0	20.5	84.3	20.305	17.8	0.0	0.0	0.0	5.9
3	15.1	25.2	21.2	80.6	20.543	17.9	0.0	0.0	0.0	6.5
4	15.1	23.1	20.0	86.3	20.676	18.0	0.0	0.0	0.0	1.1
5	15.0	26.0	20.5	80.7	19.585	17.1	0.0	0.0	0.0	6.7
6	16.3	23.7	20.0	78.3	18.553	16.2	0.2	0.0	0.2	2.7
7	16.0	22.0	19.6	87.4	19.953	17.4	0.7	0.0	0.7	1.6
8	14.5	26.4	21.8	70.2	18.466	16.2	0.0	0.0	0.0	9.3
9	15.6	25.4	21.3	69.9	18.046	15.8	0.0	0.0	0.0	4.6
10	15.0	26.0	20.8	82.3	20.033	17.5	0.0	0.0	0.0	4.6
11	15.6	25.1	20.3	75.1	18.095	15.9	0.0	0.0	0.0	0.7
12	15.1	25.6	21.1	82.4	20.921	18.2	0.0	0.0	0.0	2.7
13	17.0	25.0	20.7	73.9	18.424	16.2	0.0	0.0	0.0	6.2
14	15.7	23.6	21.6	79.7	20.689	18.0	0.0	0.0	0.0	2.1
15	15.6	24.0	20.2	73.8	17.953	15.8	0.0	1.7	1.7	3.2
16	16.0	20.6	18.0	92.9	19.411	17.0	1.0	0.0	1.0	0.0
17	15.0	23.0	18.0	63.2	19.673	17.2	1.2	0.0	1.2	2.7
18	15.0	20.0	16.8	92.6	17.991	15.8	13.5	0.0	13.5	0.1
19	15.0	24.0	19.6	86.4	19.679	17.2	0.0	0.8	0.8	3.1
20	15.1	24.0	18.2	78.8	16.428	14.4	2.2	0.0	2.2	4.3
21	15.0	25.0	19.6	73.8	17.517	15.3	0.0	2.2	2.2	6.8
22	15.6	23.0	19.1	85.5	19.070	16.7	2.7	0.0	2.7	2.7
23	15.0	23.6	19.5	84.0	19.095	16.8	0.4	0.0	0.4	2.1
24	15.8	24.5	19.6	83.9	19.442	17.0	0.0	0.0	0.0	4.5
25	15.6	27.0	21.4	80.2	20.191	17.7	0.0	0.0	0.0	4.9
26	16.0	25.1	20.0	79.5	19.040	16.7	10.7	0.0	10.7	4.8
27	15.0	26.1	21.5	69.6	18.185	16.0	0.0	0.0	0.0	5.7
28	16.7	24.5	19.8	85.3	20.227	17.7	4.4	5.1	9.5	3.3
29	16.5	23.0	19.4	81.0	18.495	16.2	0.0	0.0	0.0	1.9
30	16.7	25.5	19.7	78.0	18.684	16.3	0.0	0.4	0.4	5.6
31	15.2	26.0	20.1	71.4	17.150	15.0	0.0	0.0	0.0	8.1
PROM.	15.6	24.3	20.0	80.7	19.128	16.7	38.6	12.3	50.9	121.6

## 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	17.1	23.5	19.5	81.8	19.226	16.8	0.5	0.0	0.5	0.5
2	16.0	24.5	19.8	80.0	18.768	16.5	0.0	0.0	0.0	1.5
3	16.1	23.5	18.8	80.6	17.732	15.6	0.0	1.5	1.5	2.5
4	14.5	23.1	19.5	73.3	16.687	14.5	0.0	0.0	0.0	1.7
5	15.6	24.5	18.9	74.9	16.639	14.5	0.0	0.0	0.0	3.4
6	15.2	21.7	17.6	83.2	17.109	15.0	1.5	0.0	1.5	0.0
7	14.5	25.1	19.3	63.1	14.569	12.6	0.0	0.3	0.3	4.4
8	15.1	23.5	17.6	83.7	17.621	15.4	0.0	0.0	0.0	0.4
9	14.0	25.9	19.8	72.6	17.333	15.2	0.0	0.0	0.0	7.6
10	15.0	26.5	20.3	66.6	16.249	14.2	0.0	0.0	0.0	5.7
11	16.5	25.5	19.9	79.2	18.658	16.4	0.0	0.3	0.3	5.1
12	15.1	26.0	19.8	73.8	16.704	14.7	0.0	0.0	0.0	5.4
13	15.6	23.8	20.7	70.3	17.478	15.3	0.1	0.0	0.1	4.9
14	15.4	25.3	20.1	76.4	17.487	15.4	0.0	0.4	0.4	5.1
15	15.0	26.5	21.6	78.0	19.689	17.3	0.0	0.0	0.0	5.0
16	15.0	23.8	19.4	84.3	19.010	16.7	0.0	0.0	0.0	0.9
17	15.2	23.4	19.6	73.4	16.775	14.6	0.0	0.0	0.0	9.9
18	14.3	26.8	20.4	61.2	14.853	12.9	0.0	0.0	0.0	0.8
19	13.7	27.5	21.3	67.4	17.435	15.2	0.0	0.0	0.0	7.3
20	15.0	24.6	19.6	74.6	17.207	15.1	0.0	0.0	0.0	0.6
21	13.5	25.5	20.5	71.8	16.494	14.5	0.0	0.0	0.0	8.8
22	13.6	26.0	20.1	67.5	15.205	13.2	0.0	2.0	2.0	8.1
23	15.1	23.8	19.4	76.8	17.334	15.1	0.0	0.0	0.0	5.1
24	14.5	25.4	19.9	64.1	14.904	12.8	0.0	0.0	0.0	7.0
25	16.2	25.6	20.9	70.4	18.403	15.7	0.0	0.0	0.0	6.0
26	14.4	24.0	20.0	68.2	16.325	14.3	0.0	0.0	0.0	4.7
27	13.6	25.5	22.4	58.5	15.855	13.9	0.0	0.5	0.5	6.6
28	15.2	22.5	19.1	80.6	18.327	16.0	0.4	0.2	0.6	1.1
29	14.0	20.5	16.7	78.6	15.226	13.1	1.5	0.0	1.5	0.4
30	12.5	25.0	19.9	68.8	16.376	14.3	0.0	0.0	0.0	5.6
PROM.	14.9	24.6	19.7	73.5	17.056	14.9	4.0	5.2	9.2	126.5

ESTACION: GRANJA TIBACUY  
 ALTITUD: 1.550

MUNICIPIO: TIBACUY AÑO: 1.983  
 LATITUD: 4-21 N. LONGITUD: 74-25 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	22.4	18.6	75.0	16.430	14.4	0.0	0.0	0.0	3.7
2	14.6	25.0	20.6	71.2	17.195	15.1	0.0	0.0	0.0	6.2
3	14.5	27.0	20.8	55.2	13.744	11.7	0.0	0.0	0.0	5.7
4	15.6	25.4	21.1	63.3	16.078	14.1	0.0	1.3	1.3	2.3
5	14.2	24.2	20.5	80.9	19.345	17.0	0.0	0.0	0.0	5.6
6	14.0	25.2	19.8	71.8	16.502	14.5	0.0	0.0	0.0	5.6
7	14.0	25.5	20.9	78.1	18.978	16.6	0.0	0.2	0.2	6.6
8	14.0	24.0	20.1	77.6	18.590	16.3	1.5	7.2	8.7	2.9
9	14.0	23.0	18.4	79.1	16.978	14.9	1.4	0.4	1.8	3.1
10	13.2	25.7	20.1	74.7	17.637	15.5	0.0	0.0	0.0	7.2
11	13.5	23.6	19.3	79.4	17.942	15.7	0.3	0.1	0.4	4.5
12	13.6	23.6	20.5	69.4	16.457	14.4	0.0	0.0	0.0	4.0
13	14.5	27.5	21.6	62.2	15.424	13.4	0.0	0.0	0.0	5.1
14	14.5	25.5	20.7	58.4	14.171	12.2	0.0	0.0	0.0	4.4
15	16.0	25.5	19.7	72.0	16.500	14.4	0.0	0.0	0.0	6.3
16	14.5	25.3	19.9	65.2	15.046	13.1	0.0	0.0	0.0	2.3
17	14.0	24.0	19.4	72.1	16.135	14.1	0.0	0.9	0.9	3.4
18	13.5	25.5	19.8	65.1	14.884	12.9	0.0	0.0	0.0	7.8
19	15.0	26.0	20.9	69.3	16.838	14.7	0.0	0.0	0.0	4.3
20	14.5	25.5	20.7	71.5	17.206	15.1	0.0	0.0	0.0	4.9
21	14.6	24.5	19.7	68.7	15.976	13.9	0.0	0.0	0.0	2.0
22	13.5	22.5	19.9	78.4	18.005	15.8	0.3	0.7	1.0	1.9
23	13.9	22.5	18.6	71.5	15.225	13.2	0.0	0.1	0.1	2.4
24	12.8	25.5	20.5	55.1	13.322	11.2	0.0	0.0	0.0	8.8
25	12.5	27.5	19.1	61.4	13.593	11.5	0.0	0.0	0.0	8.2
26	14.5	26.5	19.9	56.5	13.279	11.1	0.0	0.0	0.0	5.0
27	14.0	24.5	18.1	69.9	14.647	12.6	0.0	0.0	0.0	3.1
28	13.6	24.8	20.3	65.4	15.532	13.5	0.0	3.9	3.9	3.6
29	14.0	25.5	19.8	71.1	16.298	14.2	0.0	0.0	0.0	2.4
30	16.4	24.0	19.1	72.3	16.040	14.0	0.2	0.0	0.2	2.8
31	14.5	23.6	19.5	68.7	15.596	13.6	0.0	0.9	0.9	3.6
PROM.	14.2	24.9	19.9	69.4	16.116	14.0	3.7	15.7	19.4	139.7

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	21.5	17.8	75.7	15.466	13.4	0.0	0.0	0.0	1.4
2	14.0	23.5	18.4	70.1	14.736	12.6	0.0	0.9	0.9	3.2
3	14.5	22.5	18.8	70.1	15.506	13.5	0.3	0.0	0.3	0.9
4	13.5	25.5	20.0	63.2	14.986	12.9	0.0	0.0	0.0	4.7
5	15.5	23.5	18.2	71.9	15.363	13.3	0.0	0.0	0.0	3.0
6	14.5	24.4	18.8	65.7	14.513	12.5	3.1	4.5	7.6	3.6
7	14.5	23.5	18.6	67.4	14.357	12.2	0.0	0.0	0.0	5.8
8	14.6	25.5	19.0	56.8	12.910	10.7	0.0	0.0	0.0	3.7
9	14.5	26.5	19.8	61.6	14.353	12.4	0.2	0.0	0.2	5.5
10	14.5	26.5	20.5	63.3	15.350	13.3	0.0	0.0	0.0	4.6
11	15.0	27.5	20.9	57.6	13.731	11.6	0.0	0.1	0.1	4.4
12	15.5	27.0	20.0	63.8	14.533	12.4	0.1	0.0	0.1	3.6
13	14.0	27.6	20.9	56.7	14.003	11.8	0.0	0.0	0.0	0.0
14	14.5	27.0	21.3	54.1	13.617	11.6	0.0	0.0	0.0	8.7
15	17.0	27.7	22.2	51.4	13.577	11.5	0.0	0.0	0.0	7.8
16	15.6	25.5	19.5	63.3	14.614	12.5	0.0	0.0	0.0	2.6
17	15.6	24.5	19.9	68.6	16.153	14.1	0.0	0.0	0.0	4.4
18	15.8	23.5	19.3	76.7	17.285	15.2	0.0	0.0	0.0	1.2
19	15.5	23.5	18.7	65.2	14.096	12.1	0.1	0.0	0.1	1.4
20	13.5	24.3	19.9	66.4	14.732	12.7	0.0	0.0	0.0	3.7
21	14.6	24.8	19.3	65.9	14.680	12.7	0.0	0.0	0.0	3.7
22	14.5	26.5	19.8	68.7	15.437	13.3	0.0	0.4	0.4	6.2
23	14.5	25.5	19.4	58.1	13.209	10.9	0.0	1.4	1.4	3.6
24	14.6	24.5	18.6	83.5	17.765	15.6	0.9	0.4	1.3	3.5
25	15.5	23.5	19.7	71.6	16.268	14.2	0.0	0.0	0.0	0.9
26	15.5	25.8	20.0	67.7	15.812	13.8	0.0	0.0	0.0	5.5
27	13.6	25.6	20.3	72.2	16.984	14.8	0.0	0.0	0.0	3.3
28	16.5	23.4	18.7	79.2	17.432	15.3	0.0	0.0	0.0	1.2
29	15.0	23.3	18.6	80.2	17.428	15.3	0.0	0.0	0.0	2.0
30	15.0	25.6	19.7	65.1	14.729	12.6	0.0	0.0	0.0	6.4
31	13.0	26.6	20.9	59.8	14.445	12.5	0.0	0.0	0.0	7.5
PROM.	14.8	25.0	19.6	66.5	15.099	13.0	4.7	7.7	12.4	118.0

ESTACION: GRANJA TIBACUY  
 ALTITUD: 1.550

MUNICIPIO: TIBACUY  
 LATITUD: 4-21 N.

AÑO: 1.983  
 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	16.3	25.6	20.0	71.0	16.725	14.7	0.0	0.0	0.0	3.9
2	16.5	25.1	20.2	67.7	15.596	13.6	0.1	0.1	0.2	3.6
3	14.5	26.0	19.6	65.2	14.619	12.5	0.0	0.0	0.0	4.2
4	14.1	26.5	19.4	63.3	14.337	12.3	0.0	1.4	1.4	6.4
5	12.5	25.6	19.0	75.0	16.352	14.3	0.5	0.0	0.5	5.0
6	15.3	23.7	19.1	70.9	15.504	13.4	0.0	0.0	0.0	1.4
7	14.5	24.6	19.7	66.3	14.960	12.9	0.0	0.0	0.0	2.5
8	14.5	24.0	18.4	71.5	15.450	13.4	0.0	0.0	0.0	1.5
9	14.5	25.8	20.0	59.2	13.830	11.8	0.0	0.0	0.0	4.9
10	15.5	24.5	20.2	55.8	13.237	11.1	0.0	0.0	0.0	3.3
11	14.5	25.6	20.7	63.5	15.761	13.6	0.0	0.0	0.0	3.8
12	14.5	25.3	19.5	57.5	13.420	11.3	0.0	0.0	0.0	4.1
13	15.5	25.5	19.7	60.3	13.606	11.5	0.0	2.6	2.6	4.2
14	15.0	23.8	18.5	70.2	15.076	13.0	0.2	0.0	0.2	6.3
15	15.5	23.3	18.8	66.9	14.633	12.6	1.8	0.0	1.8	2.2
16	15.0	22.5	18.0	74.2	15.327	13.3	2.1	0.0	2.1	1.9
17	13.5	23.3	18.9	78.2	17.260	15.1	8.2	0.0	8.2	4.9
18	13.0	24.4	18.7	69.7	15.078	13.1	5.0	0.0	5.0	4.8
19	13.5	23.8	19.5	63.6	14.554	12.6	0.0	4.3	4.3	4.7
20	13.5	23.9	18.7	75.8	16.067	14.1	0.0	1.2	1.2	5.9
21	13.5	24.0	19.0	66.1	14.148	12.0	0.0	6.0	6.0	4.2
22	12.0	20.8	15.8	81.8	14.631	12.6	1.1	0.0	1.1	1.7
23	12.6	25.0	19.8	67.3	15.017	13.0	0.0	0.0	0.0	6.2
24	15.5	25.0	18.8	72.1	15.588	13.5	0.0	0.0	0.0	3.6
25	15.6	28.0	21.1	60.0	14.932	12.8	0.0	0.0	0.0	9.0
26	14.5	28.0	21.7	59.7	15.088	13.0	0.0	0.0	0.0	5.7
27	15.5	26.0	20.3	64.1	15.231	13.2	0.0	0.0	0.0	6.7
28	15.5	23.3	19.0	69.1	15.044	13.0	0.0	0.0	0.0	4.0
29	15.5	25.4	19.5	67.0	14.917	12.9	0.0	0.0	0.0	5.1
30	14.0	24.0	18.8	72.6	15.396	13.4	0.0	0.0	0.0	2.9
PROM.	14.5	24.7	19.4	67.5	15.047	13.0	19.0	15.6	34.6	126.6

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.0	25.0	19.8	71.5	16.358	14.3	0.0	0.0	0.0	3.6
2	15.0	25.5	19.1	68.6	15.570	13.6	0.0	0.0	0.0	4.0
3	15.5	23.5	18.2	72.4	15.626	13.6	6.6	0.0	6.6	1.4
4	13.4	23.6	18.4	75.1	15.713	13.8	0.0	0.0	0.0	4.2
5	14.0	24.5	19.8	70.9	15.922	13.9	0.0	0.8	0.8	6.2
6	14.5	24.0	19.1	66.9	14.493	12.5	0.0	0.0	0.0	6.0
7	13.5	23.0	18.4	58.2	12.324	10.0	0.0	0.0	0.0	1.2
8	14.0	24.0	19.5	58.9	13.565	11.5	0.0	0.0	0.0	5.0
9	13.2	24.5	18.4	72.8	15.753	13.8	1.9	0.0	1.9	5.0
10	13.5	25.5	21.3	52.2	12.954	10.8	0.0	0.0	0.0	5.4
11	14.5	24.0	18.6	74.9	15.598	13.6	0.0	0.0	0.0	3.9
12	15.5	22.5	20.1	65.5	15.232	13.3	0.0	0.0	0.0	1.6
13	15.0	21.0	18.3	74.3	15.150	13.2	0.0	0.0	0.0	1.1
14	14.2	21.5	17.5	76.8	15.598	13.6	0.6	0.0	0.6	0.2
15	14.0	20.5	16.6	86.0	16.323	14.3	0.5	7.4	7.9	0.5
16	13.7	18.7	15.4	92.0	16.184	14.2	3.5	0.0	3.5	0.0
17	14.0	25.0	16.5	71.4	13.749	11.5	0.0	2.1	2.1	8.1
18	14.0	22.5	19.0	73.7	15.671	13.7	0.0	1.0	1.0	6.8
19	14.5	18.5	16.6	94.7	17.837	15.7	4.8	32.7	37.5	0.0
20	13.5	22.0	17.3	77.3	14.706	12.6	0.9	0.9	1.8	3.5
21	14.0	18.5	16.3	95.0	17.413	15.3	7.3	0.0	7.3	2.1
22	14.0	23.0	18.3	75.0	15.173	13.2	0.0	0.3	0.3	9.4
23	15.0	22.5	19.1	78.7	17.002	14.9	0.3	0.0	0.3	3.6
24	15.0	23.0	19.1	76.2	16.728	14.7	0.0	0.0	0.0	5.5
25	14.5	21.5	17.5	76.3	15.382	13.3	3.0	0.0	3.0	0.5
26	13.5	22.5	17.8	80.3	16.148	14.1	0.0	11.5	11.5	4.2
27	13.5	22.8	17.6	86.4	17.215	15.1	0.0	0.0	0.0	2.3
28	13.5	23.0	18.3	82.0	17.130	15.0	0.0	0.0	0.0	5.7
29	15.0	22.7	19.4	74.0	16.020	14.0	0.0	13.8	13.8	2.7
30	14.8	20.0	16.3	95.6	17.583	15.5	1.7	0.0	1.7	0.5
31	13.5	20.7	16.1	89.1	16.455	14.4	1.6	0.0	1.6	1.1
PROM.	14.2	22.6	18.2	76.2	15.697	13.6	32.7	70.5	103.2	105.1

ESTACION: GRANJA TIBACUY  
 ALTITUD: 1.550

MUNICIPIO: TIBACUY  
 LATITUD: 4-21 N.

AÑO: 1-983  
 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	15.0	21.5	17.0	92.2	17.959	15.8	2.8	24.6	27.4	2.1
2	13.7	22.5	17.9	80.9	16.538	14.5	2.2	0.0	2.2	4.3
3	15.5	22.5	17.2	84.3	16.865	14.8	0.0	0.0	0.0	4.8
4	13.8	22.7	18.0	76.5	16.089	14.0	0.0	0.0	0.0	3.6
5	14.0	23.5	18.3	71.3	15.389	13.3	0.0	0.0	0.0	4.6
6	14.0	23.5	18.1	69.4	14.896	12.6	0.0	0.0	0.0	4.4
7	13.5	23.0	18.6	64.4	14.045	12.0	0.0	0.0	0.0	5.4
8	14.0	22.5	18.4	77.3	16.562	14.5	0.0	0.0	0.0	4.0
9	14.0	22.5	18.4	81.9	17.216	15.1	0.0	5.7	5.7	5.8
10	13.5	24.5	19.7	88.5	20.114	17.6	0.4	7.4	7.8	5.2
11	13.0	25.0	20.5	85.8	20.716	18.1	0.6	0.6	1.2	6.1
12	13.0	24.5	19.8	81.0	18.804	16.5	0.0	2.8	2.8	8.6
13	13.5	22.0	18.8	85.0	18.795	16.5	0.5	0.0	0.5	3.5
14	15.0	22.0	17.6	79.8	16.351	14.3	2.6	0.2	2.8	2.8
15	13.2	23.0	17.9	78.2	15.949	14.0	0.0	0.0	0.0	3.4
16	15.0	23.7	18.3	78.9	16.522	14.5	0.0	0.0	0.0	5.6
17	14.5	22.5	18.7	82.6	17.651	15.5	0.0	0.0	0.0	4.2
18	15.5	25.5	20.5	78.6	18.872	16.6	0.0	0.0	0.0	6.5
19	15.5	23.5	18.9	75.7	16.588	14.6	0.0	0.0	0.0	4.2
20	15.5	23.8	18.9	73.1	16.039	14.0	0.0	0.0	0.0	2.0
21	15.5	23.7	19.4	74.1	16.787	14.7	0.0	0.0	0.0	6.0
22	13.8	22.0	17.8	79.8	16.112	14.1	0.0	0.0	0.0	4.1
23	14.0	24.7	19.7	73.7	16.912	14.9	0.0	0.0	0.0	8.4
24	15.0	21.5	17.0	85.1	16.868	14.8	15.4	0.0	15.4	3.9
25	14.5	25.5	19.1	75.1	16.609	14.6	0.0	0.0	0.0	4.6
26	14.5	24.0	18.6	76.2	16.511	14.5	0.0	0.0	0.0	5.5
27	14.7	23.7	18.3	78.2	16.257	14.2	0.0	0.0	0.0	2.1
28	15.5	22.5	17.1	79.4	15.694	13.7	0.0	0.0	0.0	1.9
29	14.5	20.0	15.9	89.3	16.418	14.4	1.9	0.0	1.9	1.3
30	14.5	20.0	16.7	82.1	15.813	13.8	0.0	0.0	0.0	1.4
PROM.	14.4	23.2	18.4	79.3	16.866	14.8	26.4	41.3	67.7	130.3

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	13.8	18.8	15.6	84.5	14.957	12.9	0.8	0.0	0.8	5.4
2	13.5	22.5	17.0	75.9	14.684	12.6	0.1	0.0	0.1	6.3
3	13.0	23.2	17.9	75.9	15.710	13.7	0.0	3.9	3.9	6.5
4	14.0	19.0	16.1	91.7	16.946	14.9	0.0	0.0	0.0	0.7
5	15.0	17.5	16.0	94.1	17.257	15.2	0.0	0.0	0.0	1.3
6	13.0	19.5	15.8	93.1	16.999	14.9	7.4	0.0	7.4	1.2
7	12.7	20.3	15.8	90.7	16.620	14.6	16.3	1.0	17.3	3.7
8	13.5	20.0	16.4	88.4	16.713	14.7	0.0	9.2	9.2	3.4
9	13.7	20.0	16.4	89.2	16.680	14.6	0.0	10.7	10.7	3.0
10	13.4	21.0	16.1	87.6	15.538	13.9	0.0	4.6	4.6	0.7
11	13.0	21.3	16.8	87.4	16.600	14.6	0.0	8.5	8.5	3.8
12	14.0	22.5	17.0	80.0	15.366	13.4	9.6	1.1	10.7	6.3
13	14.7	21.6	17.2	86.9	17.148	15.1	0.0	2.2	2.2	4.4
14	14.0	20.0	15.8	83.7	15.365	13.3	2.4	0.0	2.4	2.0
15	13.5	19.5	15.6	90.1	16.306	14.3	1.1	0.0	1.1	3.9
16	13.7	20.5	16.9	87.4	17.170	15.1	0.0	0.0	0.0	7.5
17	14.0	19.0	15.5	93.0	16.665	14.6	0.0	0.0	0.0	6.4
18	13.5	21.7	17.1	79.8	15.753	13.8	2.3	0.2	2.5	4.3
19	14.0	21.0	17.4	84.6	16.983	15.0	3.2	0.0	3.2	4.2
20	14.5	20.0	16.7	84.6	16.285	14.2	0.0	0.2	0.2	2.6
21	14.5	23.0	17.9	77.4	15.740	13.7	0.0	0.0	0.0	7.0
22	14.0	23.5	18.2	78.0	16.685	14.7	0.0	0.0	0.0	7.6
23	14.0	22.7	18.7	75.2	16.495	14.5	0.0	0.0	0.0	5.7
24	14.5	23.0	18.4	78.6	16.966	14.9	0.0	2.6	2.6	5.8
25	14.7	21.5	16.6	87.5	17.081	15.0	0.2	0.0	0.2	1.5
26	14.0	21.6	17.4	83.7	16.970	14.9	0.0	0.0	0.0	0.4
27	13.5	22.7	17.8	75.3	15.503	13.5	0.0	0.0	0.0	8.1
28	14.0	22.5	18.3	73.5	15.176	13.2	0.0	0.0	0.0	3.4
29	14.0	23.7	18.8	65.2	14.649	12.6	0.0	0.6	0.6	7.7
30	13.0	22.7	17.0	77.1	15.322	13.3	3.1	4.6	7.7	5.1
31	12.5	21.5	16.9	86.4	16.769	14.7	26.2	0.3	26.5	5.4
PROM	13.8	21.2	16.9	83.4	16.245	14.2	72.7	49.7	122.4	135.3

ESTACION: **GRANJA TIBACUY**MUNICIPIO **TIBACUY**AÑO: **1.983**ALTITUD: **1.550**LATITUD: **4-21 N.**LONGITUD: **74-25 W.**

MESES	TEMPERATURA °C					Humedad relativa 0/0	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	25.0	19.9	14.5	27.5	79.9	18.861	16.5	80.7	9	166.1
FEBRERO	15.8	25.1	20.0	14.3	27.5	77.7	18.328	16.1	50.6	8	145.9
MARZO	16.2	24.7	20.2	14.4	28.0	81.4	15.358	16.9	138.6	13	109.1
ABRIL	15.5	23.3	19.6	14.4	26.0	84.0	15.139	16.8	151.0	20	74.0
MAYO	15.6	24.3	20.0	14.5	27.0	80.7	19.128	16.7	50.9	15	121.6
JUNIO	14.9	24.6	19.7	12.5	27.5	73.5	17.056	14.9	9.2	11	126.5
JULIO	14.2	24.9	19.9	12.5	27.5	69.4	16.116	14.0	19.4	11	139.7
AGOSTO	14.8	25.0	19.6	13.0	27.7	66.5	15.099	13.0	12.4	10	118.0
SEPTIEMBRE	14.5	24.7	19.4	12.0	28.0	67.5	15.047	13.0	34.6	13	128.6
OCTUBRE	14.2	22.6	18.2	13.0	25.5	76.2	16.697	13.6	103.2	18	105.1
NOVIEMBRE	14.4	23.2	18.4	13.0	29.5	79.3	16.866	14.8	67.7	10	130.3
DICIEMBRE	13.8	21.2	16.9	12.5	23.7	83.4	16.245	14.2	122.4	21	135.3
PROMEDIO	15.0	24.1	19.3	13.4	27.1	76.6	17.245	15.0			
TOTAL									840.7	159	1500.2

ESTACION: JORGE VILLAMIL  
 ALTITUD: 1.500

MUNICIPIO: GIGANTE  
 LATITUD: 2-22 N.

AÑO: 1.963  
 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	16.8	26.5	20.9	66.3	16.087	14.1	0.0	0.0	0.0	2.7
2	18.4	25.9	21.3	77.1	19.377	17.0	0.0	14.9	14.9	3.0
3	17.0	21.5	18.6	90.0	19.343	17.0	5.7	0.0	5.7	0.0
4	17.3	20.5	18.6	89.6	19.363	17.0	3.6	0.0	3.6	0.0
5	16.0	22.0	19.2	90.8	19.963	17.5	20.0	4.8	24.8	0.0
6	15.6	23.0	19.0	82.6	17.779	15.6	0.7	0.0	0.7	0.9
7	17.0	22.5	19.6	80.1	18.292	16.1	0.0	0.0	0.0	1.0
8	17.0	26.5	20.9	62.4	15.357	13.4	0.3	0.0	0.3	5.5
9	18.0	24.5	21.0	67.5	16.889	14.9	0.0	0.0	0.0	2.9
10	16.5	26.9	21.1	67.8	16.382	14.2	0.0	2.2	2.2	3.5
11	16.6	26.5	20.7	70.8	17.042	15.0	0.0	0.0	0.0	4.5
12	16.5	28.5	21.3	71.2	18.073	15.8	0.0	0.0	0.0	4.9
13	17.6	24.6	20.6	86.0	20.832	18.1	0.9	0.0	0.9	2.9
14	17.4	24.1	20.4	86.6	20.669	18.0	0.0	0.0	0.0	0.0
15	18.3	22.0	20.0	92.4	21.416	18.6	1.4	0.0	1.4	0.1
16	17.0	28.5	21.2	67.7	16.944	14.9	0.0	0.0	0.0	3.9
17	18.0	25.6	21.5	70.6	17.881	15.7	0.0	0.0	0.0	3.7
18	17.6	25.9	21.4	64.8	16.155	14.1	0.0	0.0	0.0	1.8
19	18.0	25.9	21.5	68.1	17.477	15.3	0.0	0.0	0.0	2.6
20	18.3	28.5	21.6	68.9	17.562	15.4	0.0	0.0	0.0	5.4
21	18.0	28.5	22.8	66.1	18.058	15.9	0.0	0.0	0.0	5.5
22	18.0	29.5	22.5	61.4	16.410	14.4	0.0	0.0	0.0	8.0
23	17.1	30.6	22.3	62.7	16.503	14.4	0.0	0.0	0.0	7.8
24	16.0	27.9	21.5	61.5	15.526	13.5	0.0	0.0	0.0	6.6
25	17.5	26.9	22.2	69.7	18.319	16.1	0.0	0.0	0.0	2.5
26	18.0	29.3	23.5	67.5	19.043	16.7	0.0	0.0	0.0	6.7
27	17.6	27.8	22.7	75.4	20.596	18.0	0.0	21.9	21.9	5.9
28	18.0	25.6	21.3	81.0	20.417	17.8	0.0	23.3	23.3	3.9
29	17.5	23.8	20.7	88.1	21.227	18.4	0.2	6.7	6.9	1.6
30	18.0	27.3	22.5	77.9	20.989	18.3	0.0	7.4	7.4	6.9
31	17.0	24.5	20.4	87.1	20.743	18.1	1.3	0.0	1.3	2.1
PROM.	17.3	25.9	21.1	74.8	18.410	16.1	34.1	81.2	115.3	106.8

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	17.8	27.0	21.9	77.4	19.935	17.5	0.0	0.0	0.0	4.2
2	17.6	27.8	21.7	67.9	17.471	15.4	0.0	0.0	0.0	2.3
3	15.5	25.9	22.5	61.6	16.343	14.3	0.0	0.0	0.0	7.0
4	17.0	27.6	21.7	65.8	16.858	14.8	0.3	0.0	0.3	5.0
5	17.6	25.4	21.2	78.3	19.775	17.3	0.0	23.9	23.9	7.1
6	16.5	26.0	20.0	84.1	19.464	17.0	0.0	0.0	0.0	3.1
7	16.8	24.5	20.1	83.3	19.741	17.3	0.3	20.0	20.3	4.3
8	16.0	24.9	20.2	77.8	18.178	16.0	0.0	0.0	0.0	6.3
9	16.3	25.6	20.4	76.5	18.022	15.8	0.0	0.0	0.0	6.0
10	17.5	23.5	20.6	80.6	19.177	16.8	0.0	0.0	0.0	0.7
11	17.0	25.9	20.9	73.5	17.904	15.8	0.8	0.0	0.8	3.9
12	16.0	29.9	21.9	59.1	14.897	12.9	0.0	0.0	0.0	8.4
13	15.0	28.4	22.2	55.4	14.633	12.6	0.0	0.0	0.0	8.8
14	17.0	24.0	20.0	83.0	19.412	17.0	0.1	0.0	0.1	2.3
15	17.5	24.0	20.6	82.9	19.996	17.5	2.2	0.0	2.2	0.3
16	17.5	28.6	22.3	57.8	16.037	13.0	0.0	0.0	0.0	5.8
17	17.0	26.5	21.4	60.7	16.182	13.2	0.0	0.0	0.0	2.8
18	17.5	24.5	19.8	78.2	18.345	16.1	14.3	0.4	14.7	1.6
19	16.8	24.9	20.0	72.5	16.915	14.8	4.4	0.0	4.4	2.6
20	17.5	26.9	21.8	58.0	15.081	13.1	0.0	0.0	0.0	4.1
21	18.6	25.8	21.3	69.1	17.355	15.2	0.0	0.0	0.0	1.9
22	18.0	22.8	20.5	81.6	19.544	17.1	0.3	0.0	0.3	0.2
23	18.5	26.0	21.0	75.9	18.946	16.6	1.5	3.8	5.3	2.5
24	18.5	27.8	21.9	72.4	18.691	16.5	0.4	8.9	9.3	4.5
25	16.5	24.5	20.0	77.8	18.451	16.2	0.0	0.0	0.0	2.8
26	18.0	27.4	20.7	76.6	18.666	16.4	8.1	0.0	8.1	7.5
27	19.0	30.5	22.3	66.8	17.896	15.7	0.0	1.9	1.9	3.9
28	17.3	27.2	20.7	77.9	18.869	16.6	1.3	4.8	6.1	6.3
PROM.	17.2	26.4	21.1	72.6	17.885	15.7	34.0	63.7	97.7	116.2

ESTACION: JORGE VILLAMIL

MUNICIPIO: GIGANTE

AÑO: 1.983

ALTITUD: 1.500

LATITUD: 2-22 N.

LONGITUD: 75-33 W.

## M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	28.3	22.2	68.8	17.947	15.8	0.0	0.0	0.0	6.8
2	17.4	28.5	22.4	67.4	17.721	15.6	0.0	0.0	0.0	9.1
3	18.0	27.6	22.1	74.7	19.484	17.1	0.0	0.0	0.0	5.5
4	18.5	26.5	21.3	88.0	22.370	19.3	2.7	20.6	23.3	1.4
5	17.5	26.5	22.4	72.7	19.276	16.9	0.0	0.0	0.0	8.0
6	17.6	25.0	21.4	82.9	21.011	18.3	0.0	8.8	8.8	5.4
7	16.5	24.6	21.1	87.2	21.494	18.6	16.6	1.3	17.9	2.2
8	18.5	25.5	21.3	83.5	21.104	18.4	2.0	59.1	61.1	1.5
9	17.5	23.5	20.1	83.6	19.456	17.1	0.0	3.8	3.8	0.6
10	18.5	25.6	20.6	78.6	18.601	16.4	0.3	2.1	2.4	1.8
11	17.6	23.8	20.0	79.9	18.471	16.2	3.3	0.0	3.3	0.8
12	16.6	24.3	21.7	70.4	17.927	15.7	0.0	0.0	0.0	3.0
13	17.5	27.3	21.6	70.4	18.360	16.1	0.0	19.6	19.6	5.3
14	17.0	22.5	19.0	86.8	18.659	16.4	5.7	0.6	6.3	1.1
15	17.1	25.9	21.2	70.1	17.431	15.3	2.0	0.0	2.0	3.2
16	17.0	24.3	22.3	65.9	17.676	15.6	0.0	0.0	0.0	7.5
17	17.5	29.3	22.9	66.5	18.050	15.8	0.0	0.9	0.9	7.7
18	17.5	25.0	21.0	85.5	21.023	18.3	0.0	0.0	0.0	1.7
19	17.6	25.5	21.2	82.8	20.787	18.1	0.0	0.0	0.0	1.8
20	17.6	28.9	22.2	62.5	16.915	14.8	0.0	0.0	0.0	6.5
21	16.4	23.5	19.8	73.7	17.130	14.9	0.0	0.0	0.0	0.0
22	17.5	27.5	21.6	63.4	16.243	14.2	2.2	0.5	2.7	4.4
23	19.3	26.9	22.2	68.1	18.108	15.9	0.2	1.4	1.6	2.6
24	17.4	21.0	19.0	90.6	19.987	17.5	7.8	0.0	7.8	0.0
25	16.6	27.8	21.7	59.6	15.057	13.1	0.0	0.0	0.0	4.3
26	17.5	27.5	20.9	65.9	16.315	14.3	0.0	18.9	18.9	3.6
27	16.6	20.3	18.2	94.0	19.466	17.1	0.0	0.0	0.0	0.4
28	15.6	27.5	22.0	65.2	18.598	14.6	0.0	1.2	1.2	7.7
29	18.0	22.5	20.4	85.4	20.622	17.9	16.7	0.0	16.7	0.1
30	16.5	26.6	21.2	73.5	18.255	16.1	0.0	0.0	0.0	5.2
31	17.6	27.7	21.5	67.6	16.923	14.5	0.0	0.0	0.0	6.6
PROM.	17.4	26.0	21.2	75.3	18.668	16.3	59.5	138.8	198.3	116.4

## M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	27.8	21.4	63.7	16.132	14.1	0.0	0.0	0.0	5.7
2	17.7	24.1	20.2	75.9	18.064	15.9	0.0	0.0	0.0	0.0
3	17.5	28.5	22.7	60.8	16.502	14.4	0.0	0.0	0.0	4.6
4	17.5	27.5	21.0	73.1	18.325	16.0	2.0	0.3	2.3	3.9
5	17.5	29.8	23.1	60.5	16.808	14.7	0.0	0.0	0.0	5.4
6	18.6	26.5	20.0	85.0	19.659	17.2	14.7	0.0	14.7	1.3
7	18.6	25.6	21.3	74.7	18.919	16.6	0.0	7.5	7.5	1.9
8	17.3	23.3	19.9	91.4	21.084	18.3	2.9	1.3	4.2	0.5
9	17.5	20.2	18.9	93.0	20.356	17.8	28.8	0.0	28.8	0.0
10	16.5	23.0	19.4	85.8	19.634	17.2	4.0	2.5	6.5	0.0
11	16.8	24.0	19.8	86.8	19.901	17.4	6.8	0.0	6.8	2.1
12	16.0	25.9	21.1	77.0	19.340	16.9	0.0	14.1	14.1	5.9
13	17.5	24.3	20.2	85.5	20.296	17.7	7.2	16.6	23.8	0.0
14	17.0	23.8	20.1	83.1	19.347	16.9	2.2	0.0	2.2	1.8
15	17.0	24.5	20.5	77.3	19.071	16.7	6.2	0.5	6.7	1.5
16	17.0	24.5	20.7	78.4	19.243	16.8	0.5	0.0	0.5	2.4
17	17.5	26.9	20.4	74.1	17.933	15.8	4.1	0.0	4.1	3.4
18	17.4	22.1	19.1	85.8	18.868	16.6	13.1	0.0	13.1	1.0
19	15.5	25.5	20.1	86.8	20.434	17.9	6.9	0.0	6.9	4.1
20	17.6	26.4	21.3	75.8	19.262	16.4	0.1	0.0	0.1	3.7
21	17.5	25.0	21.5	81.2	20.525	18.2	11.8	7.4	19.2	4.9
22	16.3	26.0	21.0	74.1	18.157	15.9	0.0	0.0	0.0	5.4
23	16.3	26.6	21.4	76.4	19.919	17.4	0.3	4.5	4.8	7.1
24	17.1	24.0	20.0	81.2	19.037	16.7	16.9	0.0	16.9	1.0
25	16.3	25.8	20.1	86.6	20.289	17.7	17.6	0.5	18.1	3.5
26	18.0	23.4	19.6	92.5	20.859	18.2	12.7	0.0	12.7	1.1
27	17.5	27.5	21.3	66.5	16.814	14.8	7.2	0.0	7.2	3.9
28	17.5	23.9	20.2	72.8	17.332	15.3	0.6	0.0	0.6	0.4
29	16.5	24.0	20.2	85.5	20.345	17.8	1.3	7.7	9.0	1.9
30	16.4	27.4	20.6	75.3	18.064	15.9	7.9	2.0	9.9	4.3
PROM	17.1	25.3	20.6	78.9	19.031	16.7	175.8	64.9	240.7	82.7

ESTACION: JORGE VILLAMEL  
 ALTITUD: 1.500

MUNICIPIO: GIGANTE  
 LATITUD: 2-22 N.

AÑO: 1.983  
 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	17.6	27.0	21.9	68.6	17.833	15.7	0.0	0.0	0.0	2.7
2	18.3	25.3	20.6	77.8	18.736	16.4	0.2	0.0	0.2	2.9
3	17.0	26.8	20.7	70.9	17.548	15.4	2.2	0.6	2.8	4.8
4	18.0	25.6	20.7	68.6	17.133	15.0	3.9	0.0	3.9	1.3
5	17.5	26.0	21.1	70.3	17.727	15.6	0.0	0.2	0.2	3.5
6	17.3	26.0	20.5	72.1	17.420	15.3	1.2	0.0	1.2	1.7
7	16.4	22.0	19.0	86.5	19.086	16.7	0.3	0.8	1.1	0.1
8	15.0	26.5	20.7	70.5	16.923	14.9	0.0	0.0	0.0	7.1
9	16.3	27.5	21.7	72.0	18.776	16.5	1.9	6.2	8.1	6.5
10	16.6	27.0	21.8	64.5	16.756	14.7	0.0	0.3	0.3	5.8
11	16.8	24.5	19.9	81.7	19.224	16.9	5.1	0.0	5.1	1.3
12	16.7	24.0	20.6	71.5	17.513	15.4	0.0	0.0	0.0	0.9
13	16.3	26.4	21.8	62.7	16.394	14.4	0.0	0.0	0.0	3.3
14	17.0	24.0	19.0	83.2	18.472	16.2	4.0	0.0	4.0	3.1
15	16.1	28.0	22.0	70.0	18.416	16.1	0.0	6.3	6.3	5.3
16	16.5	23.1	19.6	92.0	21.130	18.3	15.4	0.0	15.4	3.1
17	15.6	25.0	20.7	84.0	20.479	17.8	12.0	6.2	18.2	3.4
18	15.5	22.3	18.2	93.2	19.312	16.9	3.7	1.1	4.8	1.0
19	14.6	24.3	20.1	86.7	20.786	17.9	6.2	0.0	6.2	1.0
20	15.5	23.3	18.9	83.8	18.449	16.2	12.2	1.5	13.7	0.8
21	17.3	25.5	20.5	78.3	19.117	16.8	11.9	16.4	28.3	2.8
22	17.7	25.5	21.2	81.9	20.863	18.2	0.0	0.0	0.0	4.7
23	17.6	25.0	20.4	79.5	18.844	16.5	0.0	0.0	0.0	2.3
24	16.5	26.5	21.8	66.0	17.088	15.0	0.5	13.4	13.9	6.7
25	16.3	23.5	20.1	81.6	18.866	16.6	2.0	0.0	2.0	0.3
26	16.3	26.5	20.7	75.4	18.502	16.1	0.0	0.9	0.9	4.6
27	17.0	25.0	21.1	75.6	18.831	16.5	1.7	0.0	1.7	3.4
28	16.7	26.0	21.6	73.9	19.167	16.8	0.0	5.6	5.6	3.5
29	17.0	24.0	20.9	78.2	19.207	16.8	0.1	0.0	0.1	1.7
30	16.5	26.9	20.8	71.7	17.621	15.5	0.0	0.0	0.0	7.3
31	16.0	27.4	21.5	59.3	15.056	13.1	0.0	0.0	0.0	6.1
PROM.	16.6	25.4	20.6	75.9	18.430	16.1	84.5	59.5	144.0	103.0

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	17.3	24.5	20.3	74.8	18.012	15.8	2.0	0.0	2.0	1.1
2	17.0	23.4	19.7	77.4	18.080	15.9	3.4	1.1	4.5	1.4
3	15.6	25.0	20.6	75.1	18.365	16.1	0.0	0.0	0.0	2.3
4	16.0	24.5	21.5	74.6	19.061	16.7	2.4	1.7	4.1	1.4
5	16.5	24.7	20.5	77.1	18.334	16.1	0.0	0.0	0.0	1.2
6	14.6	24.0	20.4	68.6	16.489	14.5	0.0	0.0	0.0	4.1
7	15.0	26.5	21.4	65.5	16.270	14.3	0.0	0.6	0.6	3.6
8	16.5	23.5	20.2	75.0	17.700	15.5	0.0	0.0	0.0	0.1
9	15.0	27.0	21.8	70.6	18.308	16.1	0.0	0.0	0.0	8.8
10	15.5	26.8	21.1	69.9	17.636	15.4	1.5	0.0	1.5	4.6
11	15.5	25.5	21.3	64.7	16.351	14.3	0.0	0.0	0.0	6.8
12	16.5	24.0	21.4	67.9	17.380	15.3	0.0	0.7	0.7	1.3
13	16.5	25.4	20.8	79.1	19.330	17.0	0.0	3.9	3.9	4.1
14	16.0	24.5	20.2	76.1	18.019	15.8	0.6	0.0	0.6	2.4
15	16.5	24.2	20.1	75.1	17.579	15.5	0.5	0.7	1.2	4.8
16	15.0	20.6	18.6	84.8	18.288	16.1	6.9	0.2	7.1	0.0
17	15.3	24.0	20.1	68.6	16.132	14.1	0.0	0.0	0.0	3.3
18	15.0	26.0	21.2	59.3	14.782	12.8	0.0	0.0	0.0	3.5
19	14.5	27.0	21.3	66.8	17.416	15.2	0.0	0.0	0.0	7.2
20	15.5	24.0	20.0	67.9	15.826	13.8	0.2	0.0	0.2	1.3
21	14.7	25.6	20.5	65.0	15.691	13.7	0.0	0.1	0.1	2.3
22	16.3	26.0	20.7	68.7	16.500	14.4	0.0	32.7	32.7	3.5
23	16.0	24.0	19.5	78.2	17.340	15.3	0.1	0.0	0.1	2.4
24	16.0	26.0	20.0	62.7	14.719	12.8	0.0	0.0	0.0	4.6
25	15.5	26.3	22.1	54.4	13.933	11.9	0.0	7.1	7.1	8.5
26	15.0	24.0	21.8	68.8	18.065	15.8	0.0	0.0	0.0	2.3
27	15.0	26.0	20.7	64.3	15.565	13.6	0.9	0.0	0.9	7.2
28	15.5	23.5	18.6	76.2	16.371	14.3	0.3	0.0	0.3	2.7
29	16.5	23.5	19.3	73.0	16.603	14.5	0.8	1.7	2.5	0.0
30	16.0	24.0	20.0	73.0	17.021	14.9	0.0	1.9	1.9	3.2
PROM	15.7	24.8	20.5	70.8	17.039	14.9	19.6	52.4	72.0	100.0

ESTACION: JORGE VILLAMIL

MUNICIPIO: GIGANTE

AÑO: 1.983

ALTITUD: 1.500

LATITUD: 2-22 N.

LONGITUD: 75-33 W.

## M E S - J U L I O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	21.0	18.3	87.5	18.316	16.1	3.8	4.1	7.9	0.5
2	16.5	25.5	20.2	75.5	17.655	15.5	1.8	0.0	1.8	3.9
3	15.5	27.5	21.6	72.9	19.219	16.9	0.2	0.0	0.2	7.6
4	16.0	22.5	18.8	78.2	17.279	15.2	2.3	1.5	3.8	0.6
5	15.2	23.5	20.1	68.9	15.984	14.0	0.0	0.0	0.0	2.2
6	16.0	26.5	20.6	65.4	15.454	13.5	0.0	0.0	0.0	7.4
7	17.3	26.0	20.1	75.3	17.737	15.6	0.9	2.6	3.5	4.7
8	16.0	23.0	18.6	82.4	17.634	15.5	2.0	0.0	2.0	1.2
9	17.0	24.5	20.3	77.8	18.471	16.2	3.0	0.1	3.1	3.9
10	15.4	26.5	21.1	70.0	17.529	15.4	0.0	0.0	0.0	7.9
11	15.7	26.6	20.9	62.0	15.051	13.0	0.0	0.5	0.5	5.8
12	16.5	25.5	21.1	61.2	15.093	13.1	0.1	0.0	0.1	4.3
13	16.8	24.5	20.2	71.0	16.475	14.4	0.0	0.0	0.0	1.8
14	15.2	26.5	20.5	70.4	16.740	14.5	2.1	0.0	2.1	5.5
15	15.0	25.6	19.6	72.5	16.592	14.5	0.5	0.0	0.5	2.8
16	17.0	25.6	20.4	61.6	14.656	12.6	0.0	4.8	4.8	3.9
17	16.4	25.5	20.8	71.4	17.284	15.2	0.3	0.0	0.3	4.9
18	16.3	25.0	20.6	72.7	17.502	15.4	1.3	0.0	1.3	3.3
19	16.0	24.5	19.1	75.7	16.884	14.8	0.0	1.5	1.5	2.4
20	16.5	21.5	18.8	86.8	18.716	16.5	1.1	0.5	1.6	0.0
21	16.5	21.0	18.0	88.7	18.450	16.2	14.6	0.6	15.2	0.2
22	16.0	24.5	19.5	77.4	17.454	15.3	3.5	0.3	3.8	1.3
23	16.0	23.0	19.3	74.5	16.612	14.6	0.0	0.0	0.0	1.5
24	15.5	25.5	19.8	63.4	14.807	12.8	0.0	0.0	0.0	4.6
25	14.2	25.5	19.7	61.8	14.176	12.1	0.0	0.0	0.0	3.9
26	15.5	26.5	19.9	65.4	14.751	12.7	0.0	0.0	0.0	6.3
27	17.0	23.0	18.6	81.4	17.615	15.5	6.0	0.4	6.4	1.9
28	16.5	24.5	19.0	79.1	17.297	15.2	0.0	0.0	0.0	3.3
29	17.0	25.0	20.1	66.4	15.569	13.5	0.0	0.0	0.0	0.9
30	17.0	24.2	19.6	76.5	17.644	15.5	7.9	1.7	9.6	2.1
31	14.5	20.0	17.2	87.1	17.080	15.0	3.9	0.4	4.3	0.2
PROM.	16.1	24.5	19.8	73.6	16.831	14.7	55.3	19.0	74.3	100.8

## M E S - A G O S T O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.6	20.0	15.6	81.3	14.618	12.6	1.5	0.3	1.8	1.7
2	13.5	20.0	17.1	81.8	15.794	13.8	0.3	0.0	0.3	0.7
3	14.8	25.2	19.5	68.3	15.250	13.1	0.0	0.0	0.0	3.1
4	15.5	25.0	18.8	81.0	17.570	15.4	2.8	0.0	2.8	3.6
5	14.0	24.0	18.6	76.7	16.592	14.6	0.0	0.0	0.0	3.8
6	13.6	24.2	19.1	66.5	14.327	12.3	0.0	0.3	0.3	3.2
7	15.0	23.0	18.7	75.0	16.086	14.1	0.0	0.0	0.0	1.7
8	14.0	25.5	20.1	63.3	14.484	12.4	0.0	1.2	1.2	4.0
9	14.2	24.5	19.5	72.4	16.338	14.3	0.0	0.0	0.0	3.6
10	16.0	23.5	19.4	70.7	15.921	13.9	0.0	0.0	0.0	2.8
11	14.5	27.5	20.3	66.8	15.512	13.3	0.0	5.4	5.4	7.8
12	15.5	26.5	19.3	80.5	18.231	16.0	4.9	0.0	4.9	3.9
13	15.5	27.5	20.7	57.8	14.036	12.0	0.1	0.1	0.2	7.5
14	14.5	26.5	19.3	72.1	15.733	13.7	0.0	0.0	0.0	6.4
15	16.4	26.5	20.9	62.5	15.309	13.3	6.1	0.0	6.1	6.0
16	14.8	24.5	19.9	72.3	16.693	14.6	0.0	0.2	0.2	3.7
17	14.5	22.2	18.6	81.7	17.139	15.0	0.0	0.0	0.0	1.8
18	15.0	20.2	17.6	75.4	15.401	13.4	0.0	0.2	0.2	0.0
19	14.5	20.6	17.8	77.3	15.760	13.8	0.0	0.1	0.1	1.1
20	14.5	23.0	18.0	77.6	16.177	14.2	0.0	0.0	0.0	2.0
21	15.0	24.0	18.9	76.2	16.683	14.5	0.0	2.2	2.2	1.5
22	14.5	25.5	20.2	62.6	14.491	12.5	0.0	0.0	0.0	5.3
23	15.4	24.0	19.4	76.6	17.212	15.1	3.0	0.0	3.0	0.7
24	15.2	25.0	21.2	64.1	15.794	13.8	0.0	1.2	1.2	2.6
25	15.0	23.0	19.4	69.9	15.485	13.5	0.0	0.7	0.7	1.7
26	15.5	24.2	19.3	70.5	15.631	13.7	0.0	0.0	0.0	2.5
27	14.2	26.0	20.9	56.9	13.763	11.7	0.0	0.0	0.0	2.3
28	17.0	25.2	18.8	82.1	18.061	15.8	3.2	5.5	8.7	0.1
29	15.6	24.0	19.8	78.5	18.061	15.9	3.9	0.3	4.2	2.3
30	15.5	25.6	20.5	63.3	15.011	13.0	0.0	0.0	0.0	3.7
31	15.0	28.0	21.7	55.6	14.297	12.3	0.0	0.0	0.0	7.8
PROM.	14.9	24.3	19.3	71.5	15.853	13.8	25.8	17.7	43.5	98.9

ESTACION: JERGE VILLAMIL

MUNICIPIO: GIGANTE

AÑO:

1.983

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	16.5	24.5	19.6	71.7	16.585	14.6	6.1	0.0	6.1	0.6
2	15.3	27.0	21.3	60.8	15.056	13.1	0.0	6.6	6.6	2.3
3	15.0	26.5	21.0	49.2	12.050	9.7	0.0	0.0	0.0	3.5
4	14.5	23.5	20.1	60.4	13.772	11.7	0.0	0.0	0.0	1.9
5	16.5	26.2	19.7	71.8	16.480	14.4	3.7	0.1	3.8	4.6
6	15.0	26.5	21.0	65.5	15.910	13.9	0.0	9.4	9.4	3.8
7	14.5	23.6	19.4	72.5	16.163	14.2	0.1	2.5	2.6	2.4
8	14.2	24.5	19.4	63.5	14.006	11.9	0.0	0.0	0.0	1.0
9	14.7	27.0	21.0	58.8	14.610	12.6	0.0	0.0	0.0	6.3
10	13.6	24.6	19.7	63.3	14.250	12.2	0.0	0.0	0.0	2.6
11	15.0	24.0	19.8	65.1	15.090	13.0	0.0	0.0	0.0	3.8
12	13.2	26.0	20.6	63.0	14.827	12.7	0.0	0.0	0.0	5.4
13	14.4	26.2	20.2	67.7	15.835	13.8	0.0	4.6	4.6	3.0
14	14.7	24.0	20.0	72.5	16.653	14.6	0.2	0.0	0.2	2.3
15	15.0	25.0	19.9	66.1	15.363	13.3	0.2	0.0	0.2	1.8
16	15.3	26.0	20.9	64.7	16.932	13.9	0.1	4.9	5.0	3.9
17	15.5	24.5	19.1	72.3	15.969	13.9	1.4	0.0	1.4	1.4
18	14.6	26.0	20.5	62.9	14.966	13.0	0.2	5.8	6.0	1.1
19	15.0	24.0	19.8	73.5	16.553	14.6	0.4	3.2	3.6	5.2
20	14.5	23.5	19.5	81.5	18.061	15.9	0.0	0.8	0.8	3.4
21	14.0	27.0	20.5	61.2	14.475	12.5	0.1	1.1	1.2	6.1
22	14.0	23.0	18.6	79.2	17.195	15.1	0.1	0.0	0.1	2.9
23	15.0	27.5	20.4	64.8	15.181	13.2	0.1	1.5	1.6	4.8
24	15.0	25.6	20.6	65.4	15.475	13.5	0.0	0.0	0.0	5.7
25	14.4	24.3	20.6	66.0	16.833	13.8	0.0	0.0	0.0	6.3
26	16.5	27.8	21.4	60.4	15.527	13.5	4.1	0.0	4.1	3.3
27	16.3	28.5	21.3	63.0	15.730	13.8	0.0	2.8	2.8	7.2
28	15.0	22.7	19.0	75.0	16.379	14.4	1.6	0.0	1.6	5.0
29	15.5	27.5	20.7	64.7	15.734	13.7	0.0	0.0	0.0	2.9
30	16.5	23.8	20.3	72.3	17.339	15.3	0.0	0.0	0.0	2.1
PROM.	15.0	25.4	20.2	66.6	15.566	13.5	18.4	43.3	61.7	106.6

## M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	24.3	20.1	67.9	15.840	13.9	0.0	0.7	0.7	2.6
2	15.5	25.5	20.8	69.6	17.335	15.3	0.0	0.0	0.0	3.0
3	16.0	24.5	19.6	75.4	17.285	15.2	0.8	0.8	1.6	3.7
4	15.0	21.5	18.2	85.3	17.755	15.6	2.8	1.9	4.7	5.3
5	14.5	23.5	19.3	79.3	17.515	15.4	0.0	0.0	0.0	2.6
6	16.0	24.3	19.3	76.6	17.145	15.1	0.0	0.0	0.0	5.5
7	14.5	27.0	21.2	55.5	13.721	11.6	0.0	0.0	0.0	0.8
8	15.0	27.0	21.2	59.1	14.754	12.8	0.0	0.0	0.0	3.2
9	16.0	28.3	21.5	61.1	15.568	13.5	0.0	0.0	0.0	6.8
10	16.4	27.0	20.7	60.3	14.627	12.6	0.0	0.0	0.0	4.3
11	15.5	25.2	20.3	67.3	15.701	13.7	0.0	0.0	0.0	1.4
12	17.0	25.5	21.0	64.4	16.017	14.0	0.0	0.3	0.3	2.9
13	16.5	22.5	19.5	82.2	18.653	16.4	1.1	0.0	1.1	0.6
14	16.5	26.5	21.0	66.8	16.358	14.2	0.0	4.7	4.7	1.4
15	16.0	21.5	18.0	90.6	19.383	16.9	30.8	7.6	38.4	0.3
16	15.5	18.5	17.3	94.6	18.788	16.5	1.4	0.0	1.4	0.0
17	14.3	25.5	20.1	75.8	17.724	15.6	0.0	0.0	0.0	6.8
18	14.6	26.0	20.7	69.5	17.067	15.0	0.9	0.0	0.9	3.8
19	17.0	22.0	19.1	90.5	20.098	17.6	0.9	0.0	0.9	0.0
20	16.5	23.5	19.1	76.5	17.042	15.0	0.0	0.0	0.0	0.4
21	15.5	23.5	18.8	85.2	18.629	16.4	1.1	0.7	1.8	1.0
22	16.5	24.5	19.2	85.1	18.968	16.7	12.5	0.0	12.5	2.0
23	15.5	25.0	19.3	80.7	18.038	15.9	1.1	7.9	9.0	0.0
24	15.5	25.5	20.5	67.1	15.747	13.7	0.0	9.2	9.2	3.2
25	15.0	25.0	20.4	65.9	15.792	13.8	0.0	0.0	0.0	2.4
26	15.5	22.0	19.1	83.3	18.415	16.2	1.4	0.0	1.4	4.7
27	16.5	27.0	21.5	59.4	14.712	12.7	0.0	0.0	0.0	3.6
28	16.8	22.5	18.3	87.1	18.674	16.4	4.3	0.0	4.3	0.2
29	17.0	26.3	21.1	62.2	15.389	13.4	0.0	0.0	0.0	3.6
30	17.0	19.0	17.9	94.3	19.347	17.0	0.2	0.0	0.2	0.0
31	14.5	25.0	20.2	71.5	17.036	15.0	0.7	0.0	0.7	4.0
PROM.	15.8	24.4	19.8	74.5	17.068	14.9	60.0	34.0	94.0	80.1

ESTACION: JORGE VILLAMIL  
 ALTITUD: 1.500

MUNICIPIO: GIGANTE  
 LATITUD: 2-22 N.

AÑO: 1-983  
 LONGITUD: 75-33 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	23.0	19.2	85.1	18.690	16.4	0.0	0.0	0.0	2.3
2	17.0	23.5	19.8	74.7	17.137	15.1	2.2	0.0	2.2	0.2
3	17.0	27.5	20.9	71.2	17.754	15.7	0.1	0.0	0.1	4.2
4	16.5	26.0	20.5	66.0	15.873	13.9	0.0	0.0	0.0	4.3
5	16.4	26.5	21.6	58.3	15.095	13.1	0.3	0.0	0.3	6.1
6	16.0	26.5	21.1	60.2	15.039	13.1	0.7	0.0	0.7	5.6
7	16.5	27.0	20.9	67.8	16.657	14.6	0.2	0.0	0.2	4.6
8	15.5	25.5	20.5	72.7	17.726	15.6	0.2	1.7	1.9	2.4
9	17.0	24.5	19.9	81.7	19.146	16.8	2.3	0.1	2.4	3.7
10	17.0	24.0	20.1	79.2	18.839	16.5	0.0	0.0	0.0	1.2
11	16.5	21.0	18.1	86.1	17.908	15.7	18.0	0.0	18.0	0.0
12	15.0	24.0	19.7	85.5	19.547	17.1	0.0	0.0	0.0	5.3
13	15.3	26.0	21.9	75.0	19.525	17.1	0.0	1.1	1.1	6.4
14	15.1	25.0	20.3	73.4	18.007	15.8	0.1	9.3	9.4	5.9
15	16.0	24.6	20.1	72.9	17.190	15.1	1.6	0.0	1.6	2.6
16	17.5	27.0	21.7	66.0	16.767	14.7	0.0	0.0	0.0	6.9
17	17.5	23.2	19.5	87.1	19.659	17.3	5.1	0.0	5.1	0.8
18	16.5	25.5	20.7	72.5	17.610	15.5	0.0	0.0	0.0	2.2
19	17.0	25.5	20.8	70.2	17.054	14.9	0.0	0.0	0.0	2.1
20	18.2	25.5	21.0	66.8	16.580	14.6	0.0	0.6	0.6	0.7
21	17.0	24.5	19.5	78.5	17.951	15.8	0.0	0.0	0.0	0.8
22	17.5	26.5	21.2	62.8	15.730	13.8	0.0	0.0	0.0	2.0
23	17.5	27.5	21.8	64.2	16.570	14.5	0.0	0.1	0.1	7.3
24	17.0	22.5	18.5	89.9	19.186	16.8	3.4	0.0	3.4	0.6
25	16.5	26.5	21.3	70.0	17.683	15.5	0.0	2.2	2.2	2.3
26	16.5	24.0	18.6	80.7	17.380	15.3	3.6	0.0	3.6	1.2
27	16.6	25.0	20.2	70.5	16.282	14.3	0.0	0.0	0.0	2.8
28	17.5	24.0	20.7	63.4	15.505	13.5	0.0	0.2	0.2	1.3
29	17.0	23.0	19.1	84.0	18.854	16.6	0.0	0.0	0.0	1.9
30	14.3	24.5	19.1	77.8	17.466	15.4	33.7	11.8	45.5	2.4
PROM.	16.6	25.0	20.3	73.8	17.482	15.3	71.5	27.1	98.6	90.1

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	23.0	19.2	77.9	17.489	15.4	0.0	0.4	0.4	4.9
2	15.5	25.0	19.5	76.0	17.133	15.1	0.9	0.0	0.9	5.1
3	16.0	24.0	19.7	75.9	17.276	15.2	0.0	0.0	0.0	1.3
4	16.3	21.5	17.9	92.8	18.840	16.5	6.1	0.0	6.1	1.1
5	15.0	21.0	18.5	90.8	19.811	17.3	2.4	0.0	2.4	0.6
6	15.5	22.5	18.7	82.2	18.038	15.8	0.0	11.7	11.7	4.6
7	15.5	21.5	18.3	85.8	18.747	16.4	0.0	0.5	0.5	2.5
8	14.5	22.5	19.1	76.8	16.781	14.8	0.0	2.6	2.6	2.2
9	16.0	22.0	18.6	82.5	17.919	15.8	1.4	2.6	4.0	1.2
10	16.0	23.5	18.5	83.6	17.844	15.7	0.1	23.6	23.7	3.2
11	16.0	24.5	18.4	85.4	18.127	15.9	0.0	0.0	0.0	5.3
12	16.0	24.5	18.1	83.0	17.097	15.0	0.5	6.4	6.9	0.0
13	16.0	21.0	18.6	88.3	18.940	16.6	4.0	0.4	4.4	0.5
14	16.5	23.0	18.7	77.7	16.772	14.7	0.4	0.0	0.4	0.8
15	16.5	24.0	19.3	75.8	17.086	15.0	4.4	0.0	4.4	2.8
16	16.0	25.5	19.9	65.8	16.046	13.9	0.5	0.0	0.5	5.1
17	17.0	22.0	18.5	88.1	18.518	16.6	5.2	0.0	5.2	0.2
18	15.6	23.0	18.9	81.0	17.707	15.6	7.6	0.0	7.6	0.0
19	16.0	27.0	21.2	68.1	16.923	14.8	0.0	7.4	7.4	6.5
20	16.5	23.5	18.9	78.0	17.156	15.1	2.6	0.0	2.6	0.7
21	17.0	24.5	19.9	73.5	16.881	14.8	0.0	0.0	0.0	1.8
22	17.0	25.0	19.9	69.7	16.168	14.1	0.0	0.0	0.0	1.7
23	15.5	25.5	20.1	65.6	16.346	13.3	3.1	0.0	3.1	3.1
24	16.0	27.0	21.2	61.0	15.052	13.1	0.0	0.0	0.0	5.3
25	17.3	26.0	21.5	70.7	17.938	15.7	0.0	0.0	0.0	4.9
26	16.5	25.5	20.5	69.3	16.490	14.4	0.0	0.0	0.0	4.1
27	15.5	26.0	19.6	72.7	16.451	14.4	2.2	0.0	2.2	5.0
28	17.0	25.0	20.0	70.5	16.492	14.5	0.0	0.0	0.0	3.8
29	15.5	26.8	20.8	65.0	15.760	13.8	0.0	0.0	0.0	5.1
30	16.5	26.0	19.0	82.2	18.377	16.2	0.6	0.6	1.2	3.5
31	16.0	21.0	18.8	91.9	20.077	17.5	7.7	1.0	8.7	0.2
PROM.	16.0	24.0	19.3	77.9	17.410	15.3	49.7	57.2	106.9	87.1

ESTACION: JORGE VILLAMIL

MUNICIPIO GIGANTE

AÑO: 1.983

ALTITUD: 1.500

LATITUD: 2-22 N.

LONGITUD: 75-33 W.

MESES	TEMPERATURA °C					Humedad relativa o/g	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	25.9	21.1	15.6	30.6	74.8	18.410	16.1	115.3	14	106.8
FEBRERO	17.2	26.4	21.1	15.0	30.5	72.6	17.885	15.7	97.7	14	116.2
MARZO	17.4	26.0	21.2	15.6	29.3	75.3	16.668	16.3	198.3	17	116.4
ABRIL	17.1	25.3	20.6	15.5	29.8	78.9	15.031	16.7	240.7	25	82.7
MAYO	16.6	25.4	20.6	14.6	28.0	75.9	18.430	16.1	144.0	23	103.0
JUNIO	15.7	24.8	20.5	14.5	27.0	70.8	17.039	14.9	72.0	19	100.0
JULIO	16.1	24.5	19.8	14.2	27.5	73.6	16.831	14.7	74.3	21	100.8
AGOSTO	14.9	24.3	19.3	13.5	28.0	71.5	15.853	13.8	43.5	18	98.9
SEPTIEMBRE	15.0	25.4	20.2	13.2	28.5	66.6	15.568	13.5	61.7	19	106.6
OCTUBRE	15.8	24.4	19.8	14.5	28.3	74.5	17.068	14.9	94.0	19	80.1
NOVIEMBRE	16.6	25.0	20.3	14.3	27.5	73.8	17.482	15.3	98.6	19	90.1
DICIEMBRE	16.0	24.0	19.3	14.5	27.0	77.9	17.410	15.3	106.9	22	87.1
PROMEDIO	16.3	25.1	20.3	14.6	28.5	73.9	17.473	15.3			
TOTAL									1347.0	230	1188.7

ESTACION: OSPINA PEREZ

MUNICIPIO: CCNSACA

AÑO: 1.983

ALTITUD: 1.700

LATITUD: 1-16 N.

LONGITUD: 77-28 W.

## # E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	26.0	20.3	70.2	16.553	14.4	0.0	0.0	0.0	8.8
2	16.0	27.5	20.3	77.2	18.097	15.9	0.0	0.6	0.6	5.2
3	16.0	24.3	19.3	81.1	18.188	16.0	0.0	0.0	0.0	3.5
4	16.5	26.0	19.2	76.0	16.847	14.8	0.8	10.6	11.4	2.4
5	14.5	23.5	18.6	82.6	17.658	15.5	1.1	0.0	1.1	0.8
6	15.0	23.0	18.3	84.1	17.675	15.5	0.0	0.0	0.0	1.3
7	14.5	25.0	18.9	86.0	18.699	16.4	5.8	9.6	15.4	6.2
8	16.0	25.5	18.8	86.3	19.750	17.3	0.0	0.0	0.0	4.2
9	15.0	27.5	19.9	78.0	17.863	15.6	0.0	0.0	0.0	7.4
10	15.6	25.4	20.2	69.3	16.353	14.2	0.0	0.0	0.0	6.9
11	14.5	28.3	20.7	64.1	16.286	13.3	0.0	0.0	0.0	5.7
12	14.6	28.3	20.6	70.5	16.501	14.3	0.0	1.1	1.1	6.5
13	17.0	27.0	21.1	74.4	18.027	15.8	0.0	0.0	0.0	6.1
14	16.5	26.5	20.6	78.4	18.542	16.2	0.0	0.0	0.0	5.1
15	16.0	29.0	20.7	77.3	18.285	15.9	0.0	2.7	2.7	6.6
16	17.3	25.0	19.2	86.9	19.462	17.1	0.0	0.0	0.0	2.9
17	14.6	27.5	20.3	75.6	17.433	15.3	1.3	0.0	1.3	7.8
18	16.4	30.0	22.0	60.9	15.465	13.2	0.0	0.0	0.0	5.2
19	15.4	29.0	21.6	65.2	16.195	13.9	0.0	0.0	0.0	8.7
20	14.8	27.0	20.8	72.0	17.355	15.1	0.0	0.0	0.0	7.0
21	16.8	28.0	21.7	68.5	17.344	15.1	0.0	0.0	0.0	3.8
22	14.5	28.0	20.2	72.8	16.938	14.8	0.0	0.0	0.0	7.4
23	14.0	30.0	21.0	66.3	16.168	14.1	0.0	0.0	0.0	9.9
24	16.6	27.5	20.8	60.9	14.865	12.6	0.0	0.0	0.0	4.5
25	16.5	26.0	20.6	80.9	19.345	16.9	0.0	0.0	0.0	1.6
26	16.0	28.5	21.3	72.9	17.862	15.6	0.0	0.7	0.7	6.5
27	14.5	27.0	20.7	72.3	16.808	14.6	0.0	0.0	0.0	8.0
28	15.5	28.0	21.2	75.7	18.286	16.0	0.0	0.9	0.9	7.3
29	15.5	24.5	20.5	77.4	18.127	15.9	0.0	5.0	5.0	0.4
30	15.0	27.0	20.8	73.5	17.290	15.0	0.0	0.0	0.0	6.9
31	15.0	27.5	21.2	71.7	17.110	14.9	0.0	0.0	0.0	8.5
PROM.	15.4	26.9	20.4	74.5	17.432	15.2	9.0	31.2	40.2	173.1

## # 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	28.0	21.3	76.7	18.958	16.6	2.4	0.0	2.4	6.2
2	14.5	30.5	22.1	61.8	15.964	13.7	0.0	0.0	0.0	7.2
3	14.0	29.5	21.8	65.2	16.919	13.6	0.0	0.0	0.0	9.6
4	14.5	29.0	21.1	73.4	17.676	15.5	0.0	3.5	3.5	7.2
5	15.5	25.5	20.0	77.9	17.870	15.7	0.0	0.0	0.0	6.7
6	15.0	28.0	19.4	80.1	17.711	15.5	20.2	2.8	23.0	4.1
7	15.5	23.5	18.8	85.0	18.368	16.1	0.1	15.0	15.1	1.5
8	14.0	26.5	19.7	75.8	16.970	14.9	0.0	0.0	0.0	4.0
9	14.0	27.5	20.7	73.2	17.016	14.9	0.0	0.0	0.0	8.7
10	16.0	28.0	20.7	74.9	17.711	15.5	0.0	0.0	0.0	6.7
11	13.6	28.0	20.6	74.0	17.009	14.8	0.1	0.0	0.1	9.5
12	13.5	28.0	20.1	72.6	16.127	14.0	0.0	0.0	0.0	8.5
13	12.0	28.5	20.3	60.4	13.584	11.0	0.0	0.0	0.0	10.2
14	14.5	29.5	21.6	59.9	14.365	12.1	0.0	0.0	0.0	9.3
15	15.0	26.5	20.5	72.3	16.868	14.6	0.0	0.2	0.2	1.3
16	16.0	27.5	21.3	66.5	17.082	14.9	0.0	0.0	0.0	3.8
17	14.5	28.0	20.5	60.8	14.300	12.0	0.0	0.0	0.0	4.4
18	15.5	25.0	20.1	79.9	18.353	16.1	0.0	0.0	0.0	1.7
19	15.0	25.0	19.6	75.8	17.188	15.1	0.0	0.0	0.0	1.8
20	15.6	27.0	21.4	46.9	12.106	9.8	0.0	0.0	0.0	3.3
21	15.0	27.5	21.3	62.0	16.098	13.0	0.0	0.0	0.0	3.5
22	16.0	27.5	22.7	61.7	16.321	14.2	0.0	0.6	0.6	1.9
23	16.8	29.0	21.3	67.3	17.102	15.0	0.0	0.0	0.0	4.4
24	14.5	29.0	20.0	62.3	14.281	12.3	0.0	0.0	0.0	4.6
25	17.4	30.5	22.8	57.9	15.696	13.5	0.0	0.3	0.3	5.5
26	16.5	28.5	22.8	51.8	14.149	12.1	0.0	0.0	0.0	3.2
27	16.0	25.5	22.7	59.4	16.948	13.7	0.0	0.0	0.0	5.2
28	16.5	29.5	22.8	65.4	16.921	14.6	0.3	0.5	0.8	6.2
PROM.	15.7	27.8	21.0	67.9	16.309	14.1	23.1	22.9	46.0	150.2

ESTACION: OSPINA PEREZ  
 ALTITUD: 1.700

MUNICIPIO: CONSACA

AÑO: 1.983

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	16.0	26.5	21.0	78.4	19.358	16.9	0.1	0.1	0.2	1.9
2	14.0	30.5	21.6	68.2	16.475	14.3	0.0	3.0	3.0	5.8
3	16.0	27.5	20.8	77.6	18.617	16.3	1.9	0.4	2.3	4.4
4	15.0	29.5	21.2	72.8	17.303	15.0	0.0	4.6	4.6	5.4
5	15.5	29.5	21.8	73.7	18.521	16.3	0.0	9.4	9.4	5.8
6	14.5	28.0	20.1	76.4	17.867	15.7	0.0	0.0	0.0	4.9
7	14.0	28.0	21.2	68.7	16.336	14.3	0.0	2.0	2.0	5.3
8	16.5	28.0	21.2	77.0	18.898	16.6	0.0	0.7	0.7	3.4
9	15.5	26.5	20.2	78.4	18.088	15.9	2.6	0.0	2.6	0.8
10	16.5	23.5	19.7	88.4	20.352	17.8	0.2	0.0	0.2	0.3
11	16.0	26.0	20.0	82.1	19.050	16.7	4.1	0.0	4.1	1.1
12	14.0	29.0	20.8	77.0	18.285	16.0	0.0	0.0	0.0	9.5
13	14.5	30.5	21.5	57.9	14.424	11.8	0.0	0.0	0.0	8.7
14	16.0	24.0	20.0	84.5	19.556	17.1	1.5	0.0	1.5	0.8
15	14.5	30.0	22.2	65.1	16.346	14.1	0.0	1.7	1.7	6.4
16	14.0	30.0	21.7	57.3	13.940	11.8	0.0	0.0	0.0	8.7
17	15.0	28.0	21.1	71.9	17.445	15.3	0.0	5.4	5.4	6.9
18	16.0	28.0	20.5	77.0	18.032	15.8	12.2	0.0	12.2	3.2
19	15.0	29.0	21.3	76.9	18.821	16.5	0.0	0.0	0.0	4.5
20	15.0	31.0	22.6	61.6	15.183	12.6	0.0	0.0	0.0	7.5
21	15.5	27.5	21.4	56.7	14.031	11.7	0.0	0.0	0.0	5.2
22	16.5	28.0	22.1	62.4	15.946	13.8	0.0	0.0	0.0	4.0
23	16.0	29.0	22.2	66.4	16.947	14.6	0.0	0.5	0.5	5.1
24	14.5	24.5	19.8	85.0	19.618	17.1	1.0	4.4	5.4	2.0
25	16.0	23.5	19.0	86.3	19.138	16.8	0.4	4.0	4.4	0.0
26	13.5	24.0	18.6	80.7	16.909	14.8	1.5	8.9	10.4	2.8
27	15.0	26.5	20.9	74.0	17.672	15.5	0.0	0.0	0.0	5.4
28	15.5	26.5	20.8	74.1	17.704	15.5	0.0	0.9	0.9	3.9
29	15.5	23.5	18.7	87.5	18.566	16.7	6.0	0.0	6.0	0.2
30	15.0	26.0	20.2	78.4	18.058	15.9	0.2	14.8	15.0	4.9
31	15.5	25.5	20.6	76.8	18.089	15.9	0.0	0.0	0.0	0.7
PROM.	15.2	27.4	20.8	74.2	17.613	15.3	31.7	60.8	92.5	129.5

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	28.0	21.6	74.0	18.135	15.8	0.0	0.0	0.0	8.4
2	14.0	26.0	20.0	76.6	17.352	15.2	0.0	0.0	0.0	2.4
3	14.0	27.0	20.7	71.6	17.357	15.2	0.0	0.0	0.0	2.9
4	14.5	29.5	21.3	64.4	15.593	13.5	0.0	0.0	0.0	6.4
5	14.5	28.5	21.4	72.4	17.457	15.2	0.0	0.5	0.5	8.0
6	15.5	24.5	19.8	88.1	20.286	17.7	9.9	25.4	35.3	0.9
7	15.0	24.5	18.7	88.6	19.257	16.9	0.0	4.5	4.5	1.6
8	14.5	25.5	20.0	81.0	18.503	16.3	0.0	2.6	2.6	0.2
9	14.5	20.0	17.5	98.2	19.676	17.2	15.5	0.1	15.6	0.0
10	15.0	24.5	19.4	85.0	19.048	16.7	1.7	2.9	4.6	1.8
11	15.5	24.0	19.4	82.6	18.572	16.3	0.6	0.0	0.6	0.1
12	13.5	27.5	20.3	77.5	17.781	15.6	0.0	6.6	6.6	9.8
13	15.5	26.0	19.7	82.2	20.086	17.6	9.7	21.7	31.4	1.4
14	15.0	23.5	19.5	85.8	19.276	16.9	5.7	4.0	9.7	0.0
15	15.0	26.0	20.4	83.1	19.556	17.1	0.0	0.0	0.0	1.8
16	16.5	24.5	19.9	82.1	20.270	17.7	0.0	0.0	0.0	2.7
17	15.0	24.5	19.6	83.2	19.120	16.8	5.6	0.0	5.6	2.7
18	14.0	24.5	19.3	81.1	17.809	15.7	0.0	0.0	0.0	1.0
19	14.0	27.0	20.4	76.3	17.831	15.6	0.0	0.0	0.0	7.9
20	14.0	25.6	20.1	79.6	18.487	16.2	0.0	0.0	0.0	2.2
21	16.5	21.5	18.5	95.9	20.556	17.9	14.8	25.2	40.0	0.1
22	15.0	24.5	19.3	87.1	19.406	17.0	4.0	0.0	4.0	3.3
23	14.0	26.0	19.6	81.8	18.994	16.6	0.0	0.0	0.0	9.2
24	14.5	25.5	20.1	81.1	18.815	16.4	0.6	0.0	0.6	2.7
25	15.0	25.5	18.9	81.6	17.716	15.6	6.7	1.6	8.3	7.6
26	15.0	22.5	18.6	89.1	19.157	16.8	1.3	0.0	1.3	0.8
27	15.5	25.5	20.1	84.6	19.641	17.2	1.0	9.4	10.4	2.6
28	14.5	24.0	19.2	89.7	20.166	17.6	0.9	13.2	14.1	1.9
29	14.0	24.3	18.3	85.4	18.000	15.8	13.9	22.4	36.3	5.7
30	15.0	26.5	19.3	81.1	17.653	15.4	0.0	4.1	4.1	0.0
PROM.	14.8	25.2	19.7	82.7	18.720	16.4	91.9	146.3	238.2	98.8

ESTACION: QSPINA PEREZ

MUNICIPIO: CCNSACA

AÑO: 1.983

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	28.0	20.9	81.3	19.747	17.3	0.0	3.5	3.5	8.5
2	15.5	24.0	19.3	88.2	19.750	17.3	0.0	0.0	0.0	1.6
3	14.5	26.5	20.0	82.7	19.126	16.7	0.0	0.0	0.0	5.4
4	15.0	24.0	18.7	86.6	18.591	16.3	0.9	0.0	0.9	3.7
5	14.5	23.6	19.8	86.8	19.900	17.3	1.5	3.2	4.7	3.8
6	15.5	25.5	20.3	85.6	20.323	17.7	0.0	7.4	7.4	5.1
7	15.0	24.0	19.2	84.5	19.028	16.7	0.3	0.0	0.3	4.4
8	14.0	26.5	20.5	81.2	19.236	16.9	0.9	0.0	0.9	7.2
9	14.0	26.0	21.0	69.9	17.048	14.8	1.9	0.0	1.9	6.5
10	15.0	28.0	21.5	75.9	18.660	16.2	0.1	0.3	0.4	7.2
11	15.0	24.5	19.8	88.1	20.306	17.7	0.0	0.0	0.0	3.8
12	16.0	26.0	20.4	84.4	20.052	17.5	0.5	0.0	0.5	2.2
13	13.5	26.0	20.1	75.8	17.770	15.5	0.0	0.0	0.0	6.4
14	14.0	26.5	21.0	75.6	18.426	16.1	0.0	0.0	0.0	4.8
15	15.0	25.5	20.0	86.2	20.053	17.5	0.0	0.6	0.6	4.4
16	16.0	22.0	18.9	94.0	20.574	17.9	6.1	5.5	11.6	0.2
17	15.0	24.0	19.0	93.6	20.615	17.9	3.4	2.9	6.3	2.8
18	14.5	24.5	18.7	84.2	18.058	15.8	10.5	10.3	20.8	1.2
19	14.5	26.0	20.0	83.5	19.438	17.0	6.0	1.2	7.2	3.7
20	15.6	23.5	18.8	86.8	18.948	16.7	1.4	0.0	1.4	0.4
21	14.0	24.0	19.0	83.7	18.145	15.9	0.0	0.0	0.0	5.2
22	14.0	26.8	20.2	78.9	18.505	16.2	0.2	0.1	0.3	5.9
23	14.0	26.5	19.8	80.0	18.104	15.9	0.0	0.0	0.0	8.0
24	16.0	26.5	19.8	82.4	19.221	16.9	2.5	0.4	2.9	3.1
25	15.0	27.5	20.9	70.8	18.072	15.7	1.9	0.0	1.9	5.2
26	13.5	26.0	19.6	78.8	17.850	15.7	2.0	3.8	5.8	4.7
27	16.0	25.0	19.4	88.3	19.969	17.5	8.7	3.1	11.8	0.8
28	15.0	22.0	18.2	93.6	19.656	17.2	18.9	0.0	18.9	0.2
29	13.0	25.0	19.1	83.1	18.156	16.0	0.0	0.0	0.0	4.1
30	14.4	24.5	19.8	78.5	17.871	15.6	0.0	0.0	0.0	6.3
31	13.5	26.5	20.0	74.8	17.523	15.2	0.0	0.0	0.0	5.9
PROM.	14.7	25.4	19.8	82.8	18.991	16.6	67.7	42.3	110.0	132.7

## M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	23.5	19.8	80.2	18.518	16.2	0.9	0.0	0.9	2.1
2	14.5	22.0	18.7	89.6	19.280	16.9	0.0	0.0	0.0	0.1
3	15.5	20.5	17.6	95.9	19.353	17.0	13.3	0.5	13.8	0.2
4	13.5	24.0	18.8	83.8	17.991	15.8	0.0	13.8	13.8	2.4
5	14.0	20.5	18.1	89.8	18.541	16.3	2.0	0.0	2.0	0.4
6	13.5	25.0	19.3	80.5	17.673	15.5	0.0	0.0	0.0	4.2
7	13.0	24.0	18.9	79.5	17.201	15.0	0.0	0.0	0.0	5.7
8	15.0	22.5	18.5	85.0	18.107	15.9	0.0	0.1	0.1	0.3
9	12.5	26.5	19.4	75.8	16.531	14.4	1.3	12.8	14.1	9.2
10	12.5	25.5	19.9	77.1	17.522	15.4	0.0	0.0	0.0	6.1
11	14.0	24.5	19.4	69.9	16.019	13.8	0.0	0.0	0.0	3.2
12	14.0	27.5	20.4	63.4	14.730	12.2	0.0	0.5	0.5	7.4
13	14.0	25.5	19.7	82.8	18.677	16.4	7.2	0.1	7.3	6.8
14	14.5	29.0	22.1	60.2	16.732	13.5	0.0	0.0	0.0	8.5
15	14.5	25.0	20.4	75.5	17.856	15.6	0.0	0.0	0.0	5.2
16	15.6	23.5	19.7	74.8	17.317	15.1	0.0	0.0	0.0	2.9
17	12.5	27.5	20.8	66.2	15.476	13.3	0.0	0.0	0.0	5.5
18	16.5	29.5	22.1	51.4	13.572	10.9	0.0	0.0	0.0	10.0
19	16.6	29.0	21.3	56.6	14.430	12.0	0.0	0.0	0.0	10.8
20	14.0	30.0	22.5	53.0	14.272	11.8	0.0	0.0	0.0	10.1
21	17.0	30.5	22.6	51.5	14.235	12.0	0.0	0.0	0.0	7.2
22	15.6	28.0	21.7	55.6	14.361	12.2	0.0	0.0	0.0	6.3
23	14.4	29.0	21.4	56.7	13.468	11.2	0.0	0.0	0.0	8.0
24	14.5	27.5	21.6	49.7	12.207	9.8	0.0	0.0	0.0	7.9
25	14.5	29.0	21.4	59.1	14.840	12.4	0.0	0.0	0.0	9.5
26	14.5	27.0	21.0	61.7	16.518	13.3	0.0	0.0	0.0	3.4
27	13.5	28.5	19.7	71.5	14.950	12.3	0.0	0.0	0.0	8.0
28	14.5	26.5	20.9	61.1	14.849	12.6	0.0	0.0	0.0	6.2
29	14.5	27.2	20.4	68.4	16.167	14.0	0.0	0.0	0.0	2.2
30	13.5	27.5	20.0	72.3	16.315	14.3	0.0	0.0	0.0	6.6
PROM.	14.4	26.2	20.3	70.0	16.192	13.9	24.7	27.8	52.5	166.4

ESTACION: CSPINA PEREZ  
 ALTITUD: 1.700

MUNICIPIO: CENSACA AÑO: 1.983  
 LATITUD: 1-16 N. LONGITUD: 77-28 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	14.0	24.5	19.8	73.5	16.507	14.4	0.0	0.0	0.0	1.7
2	12.5	24.5	18.9	74.5	15.915	13.8	0.0	0.0	0.0	3.2
3	12.5	31.0	21.7	59.3	14.474	12.5	0.0	0.0	0.0	10.1
4	12.5	26.0	18.6	65.2	13.681	11.5	0.0	0.0	0.0	1.5
5	15.4	24.5	19.6	74.5	16.527	14.4	0.0	0.0	0.0	4.2
6	12.0	27.0	19.6	64.4	13.759	11.1	0.0	0.0	0.0	7.5
7	12.6	26.5	19.1	72.8	15.183	12.8	0.1	0.0	0.1	5.7
8	14.5	23.5	18.6	85.0	17.885	15.8	0.0	0.1	0.1	0.7
9	14.5	25.3	19.7	76.3	16.828	14.5	2.5	0.0	2.5	3.1
10	13.6	26.2	20.1	72.0	16.279	14.2	0.0	0.0	0.0	6.6
11	11.7	25.5	20.5	56.5	12.536	9.7	0.0	0.0	0.0	8.2
12	15.0	25.5	23.7	30.8	8.812	5.1	0.0	0.0	0.0	10.0
13	17.0	25.0	22.7	34.7	9.536	6.2	0.0	0.0	0.0	7.9
14	14.0	27.5	22.0	43.0	10.474	7.6	0.0	0.0	0.0	7.7
15	14.0	28.0	20.8	56.8	14.107	11.7	0.0	0.0	0.0	6.4
16	14.0	26.0	20.4	69.6	16.159	14.1	0.0	0.9	0.9	6.3
17	14.0	28.5	20.3	64.0	14.673	12.5	0.0	1.0	1.0	5.3
18	15.0	26.5	23.6	35.8	10.089	7.0	0.0	0.0	0.0	7.9
19	15.0	26.5	22.8	47.2	12.538	10.3	0.0	0.0	0.0	4.9
20	14.5	29.5	22.6	47.5	12.126	9.7	0.0	0.0	0.0	6.1
21	14.5	28.5	20.6	65.7	15.667	13.5	0.0	0.8	0.8	4.5
22	14.5	22.0	17.6	87.8	17.630	15.5	5.6	0.0	5.6	0.4
23	12.5	24.5	18.1	77.5	15.745	13.8	0.0	0.0	0.0	6.0
24	15.0	28.0	21.5	33.7	8.651	4.8	0.0	0.0	0.0	8.8
25	15.0	26.5	22.5	31.5	8.550	4.7	0.0	0.0	0.0	10.5
26	17.0	30.5	23.5	35.5	9.835	6.7	0.0	0.0	0.0	7.6
27	15.5	28.0	21.5	54.7	13.764	11.3	0.0	0.0	0.0	5.1
28	14.5	28.0	21.5	57.0	14.278	12.1	0.0	0.0	0.0	7.3
29	14.0	28.0	21.0	60.5	14.743	12.5	0.0	21.1	21.1	2.6
30	13.5	26.0	20.2	77.9	17.868	15.7	0.0	1.6	1.6	3.7
31	13.5	24.5	19.5	62.4	16.448	16.2	0.0	0.0	0.0	1.4
PROM.	14.2	27.1	20.7	60.3	13.976	11.5	8.2	25.5	33.7	172.9

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	14.6	25.0	22.0	34.9	9.010	5.4	0.0	0.0	0.0	5.7
2	14.9	24.5	20.5	57.5	13.800	11.7	0.0	0.0	0.0	3.6
3	13.5	26.5	18.9	60.5	12.986	10.7	0.0	0.0	0.0	4.3
4	13.3	26.5	19.9	67.3	15.371	13.2	0.6	0.0	0.6	6.6
5	12.5	26.6	20.1	62.9	14.420	12.3	0.0	0.0	0.0	6.4
6	11.5	26.0	19.6	65.9	14.059	11.8	0.0	0.0	0.0	5.4
7	14.5	26.5	23.0	41.8	10.725	7.8	0.3	0.0	0.3	5.0
8	13.5	30.0	23.1	39.8	9.931	6.5	0.0	0.0	0.0	10.8
9	17.0	29.0	23.2	33.4	9.571	6.3	0.0	0.0	0.0	8.9
10	16.5	25.5	22.2	40.7	11.133	8.5	0.0	0.0	0.0	3.5
11	15.4	28.5	21.7	58.5	14.877	12.8	0.0	0.0	0.0	5.7
12	15.5	26.5	20.6	67.5	16.151	14.1	0.0	0.0	0.0	2.2
13	15.5	30.5	23.6	32.7	9.190	5.7	0.0	0.0	0.0	10.4
14	14.6	29.5	23.8	33.2	9.831	6.7	0.0	0.0	0.0	8.7
15	17.1	26.6	23.5	40.6	11.596	9.1	0.0	0.0	0.0	8.1
16	16.5	28.0	23.1	43.0	11.968	9.6	0.0	0.0	0.0	6.2
17	14.5	28.5	22.8	46.8	12.083	9.6	0.0	0.0	0.0	5.1
18	17.6	24.5	19.9	67.5	15.945	13.9	0.0	0.0	0.0	1.3
19	15.5	27.5	21.3	54.1	13.254	11.0	0.0	0.0	0.0	3.6
20	14.5	28.5	22.6	40.4	10.761	8.0	0.0	0.0	0.0	7.8
21	14.6	28.5	21.3	68.3	16.082	13.7	0.0	0.0	0.0	3.4
22	15.5	28.5	23.1	40.0	10.755	8.0	0.0	0.0	0.0	9.7
23	14.0	28.5	21.2	70.3	16.779	14.5	0.0	0.0	0.0	4.3
24	13.5	28.5	20.9	73.3	17.582	15.5	0.0	0.0	0.0	2.3
25	15.3	28.0	21.7	72.1	18.241	16.0	0.0	0.0	0.0	1.4
26	13.6	27.0	20.4	74.3	17.101	14.9	0.0	0.0	0.0	4.8
27	14.5	25.5	20.6	71.5	16.666	14.5	0.0	0.0	0.0	4.8
28	15.5	25.0	19.2	84.1	18.571	16.3	18.2	6.1	24.3	2.3
29	14.6	24.0	19.4	82.2	18.480	16.2	1.3	0.0	1.3	1.7
30	13.5	28.0	20.0	78.0	17.598	15.4	0.1	2.2	2.3	4.7
31	12.5	28.0	20.9	72.2	17.018	14.9	0.0	0.0	0.0	6.1
PROM.	14.7	27.2	21.4	57.3	13.921	11.4	20.5	8.3	28.8	165.3

ESTACION: OSPINA PEREZ  
 ALTITUD: 1.700

MUNICIPIO: CCNSACA AÑO: 1.983  
 LATITUD: 1-16 N. LONGITUD: 77-26 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	25.5	21.1	75.6	18.262	16.0	10.2	0.5	10.7	3.4
2	13.6	26.5	20.8	73.5	17.678	15.5	0.1	0.5	0.6	6.4
3	14.5	25.5	19.7	76.7	17.143	15.0	0.0	0.0	0.0	0.7
4	11.5	28.0	19.7	74.2	16.086	13.9	8.4	0.2	8.6	7.6
5	12.0	24.5	19.6	72.5	15.808	13.7	0.0	0.0	0.0	2.8
6	13.5	22.0	17.5	91.0	18.273	16.1	6.9	1.2	8.1	1.3
7	13.5	23.5	19.1	82.0	17.888	15.7	0.0	0.0	0.0	0.7
8	12.0	28.0	20.9	55.8	13.392	10.9	0.0	0.0	0.0	6.5
9	11.0	26.5	20.3	59.7	14.039	11.9	0.0	0.0	0.0	6.0
10	12.0	24.5	17.9	77.0	15.306	13.4	0.0	0.0	0.0	2.2
11	13.0	26.5	19.4	77.1	16.816	14.6	4.6	0.3	4.9	5.4
12	12.5	27.5	20.2	67.1	14.905	12.6	0.0	0.0	0.0	5.2
13	13.0	27.1	19.8	64.1	14.127	11.5	0.0	0.0	0.0	5.4
14	12.0	25.0	19.4	70.0	15.467	13.5	0.0	0.0	0.0	1.6
15	13.6	23.5	19.5	71.0	16.088	14.1	0.7	0.0	0.7	1.8
16	12.5	25.0	19.1	74.9	15.985	13.9	0.0	0.9	0.9	4.6
17	13.5	26.0	19.1	77.5	16.690	14.6	0.0	0.1	0.1	3.2
18	13.5	26.5	19.6	71.6	16.030	14.0	0.0	0.0	0.0	5.7
19	13.0	25.0	17.9	73.4	14.732	12.8	0.0	0.0	0.0	3.2
20	13.5	26.5	19.4	54.3	11.661	9.4	0.0	0.0	0.0	4.5
21	13.0	25.5	19.0	72.9	15.684	13.6	0.0	0.0	0.0	5.2
22	11.5	26.0	19.4	72.5	15.765	13.7	0.0	0.0	0.0	3.5
23	12.5	27.5	19.7	69.1	15.307	13.3	0.0	0.0	0.0	5.9
24	13.0	25.5	20.6	73.9	17.208	15.1	0.0	0.0	0.0	3.4
25	13.6	28.0	20.3	63.5	14.708	12.6	0.0	0.0	0.0	4.0
26	14.6	27.5	19.8	72.6	16.175	14.1	0.0	0.0	0.0	5.0
27	14.5	29.5	20.5	56.4	13.068	10.7	0.0	0.0	0.0	6.6
28	14.0	25.0	20.3	70.6	16.420	14.4	0.0	0.0	0.0	2.1
29	16.0	26.5	21.1	43.1	10.716	7.5	0.0	0.0	0.0	2.7
30	14.5	26.8	21.0	43.1	10.480	7.7	0.0	0.0	0.0	4.3
PROM.	13.2	26.0	19.7	69.2	15.404	13.2	30.9	6.7	37.6	120.9

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	15.5	27.0	20.2	60.8	14.332	12.1	0.0	0.0	0.0	4.3
2	14.6	28.0	19.5	74.6	16.533	14.4	0.0	0.0	0.0	5.5
3	14.0	27.0	20.3	70.5	16.845	13.8	0.0	0.0	0.0	5.6
4	14.5	26.0	19.1	79.7	17.501	15.4	0.4	0.0	0.4	4.5
5	14.9	27.0	19.6	72.9	16.182	14.0	0.0	0.0	0.0	5.9
6	15.5	29.5	22.6	44.6	11.601	9.0	0.0	0.0	0.0	5.1
7	16.5	25.3	21.7	50.5	12.756	9.9	0.0	0.0	0.0	7.3
8	14.5	29.0	19.8	58.8	13.093	10.2	0.0	0.0	0.0	6.1
9	14.0	27.0	20.8	72.3	16.856	14.7	0.0	0.0	0.0	3.8
10	12.0	29.8	21.3	60.8	14.169	12.0	0.0	0.0	0.0	8.8
11	13.5	26.0	20.0	76.7	17.430	15.3	0.0	0.0	0.0	3.5
12	13.0	28.0	19.6	77.5	17.110	14.9	7.6	0.0	7.6	3.6
13	14.5	19.0	17.0	94.0	18.191	16.0	9.1	0.0	9.1	0.0
14	12.5	22.5	17.8	86.8	17.459	15.3	0.2	1.4	1.6	2.5
15	13.0	21.0	17.2	88.6	17.327	15.2	6.4	12.2	18.6	0.0
16	12.0	22.0	16.9	90.2	17.524	15.4	1.6	2.0	3.6	0.3
17	13.5	26.5	19.6	73.6	16.298	14.2	0.0	0.0	0.0	7.5
18	12.5	26.5	20.2	75.6	17.705	15.4	0.0	0.5	0.5	7.7
19	14.5	25.0	19.0	82.0	18.040	15.9	0.1	3.9	4.0	1.9
20	13.5	26.0	17.9	77.1	15.712	13.4	0.5	2.0	2.5	2.9
21	12.5	27.0	19.1	74.8	16.514	14.5	0.0	7.8	7.8	7.6
22	13.0	26.5	19.6	76.6	17.250	15.1	0.0	0.0	0.0	6.9
23	12.0	26.5	18.9	79.4	17.276	15.1	0.9	3.1	4.0	6.9
24	14.5	27.5	19.4	86.4	19.435	17.1	0.0	1.1	1.1	2.6
25	13.5	26.0	18.5	79.2	16.758	14.7	27.1	14.2	41.3	3.9
26	12.0	25.5	19.1	78.9	17.362	15.3	18.2	0.3	18.5	4.7
27	13.0	24.5	19.5	83.6	15.064	16.7	1.7	25.9	27.6	3.7
28	13.5	24.0	18.5	87.7	18.777	16.5	0.8	1.0	1.8	1.6
29	15.0	23.5	18.1	86.0	17.553	15.3	0.8	7.1	7.9	1.3
30	15.0	22.0	17.5	90.8	18.374	16.2	4.0	0.0	4.0	1.3
31	13.0	25.5	18.9	81.2	17.353	15.3	0.0	2.3	2.3	6.1
PROM.	13.7	25.8	19.3	76.5	16.685	14.5	79.4	84.8	164.2	133.4

ESTACION: OSPINA PEREZ

MUNICIPIO: CCNSACA

AÑO: 1.983

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	13.5	23.4	18.4	85.5	18.058	15.9	0.8	0.0	0.8	1.7
2	14.5	25.0	19.8	81.0	18.367	16.2	0.0	0.0	0.0	5.5
3	14.0	25.5	19.1	84.7	18.539	16.3	4.3	0.7	5.0	6.3
4	14.0	26.0	19.6	82.1	18.629	16.4	7.0	0.0	7.0	5.3
5	13.0	25.5	18.5	84.2	17.515	15.7	7.7	0.0	7.7	6.8
6	12.0	24.5	19.2	79.0	17.385	15.2	0.3	0.1	0.4	7.1
7	12.0	25.4	19.3	75.0	16.391	14.4	0.1	15.4	15.5	7.0
8	14.0	22.5	18.2	87.3	18.597	16.4	9.5	0.2	9.7	0.7
9	12.0	27.3	19.5	78.8	17.171	15.0	0.0	27.1	27.1	7.7
10	13.0	23.0	18.6	85.5	18.219	16.0	3.4	3.7	7.1	3.4
11	13.0	23.5	17.9	89.6	18.335	16.1	0.0	0.0	0.0	2.7
12	12.0	25.5	20.0	73.2	16.289	14.2	0.0	0.0	0.0	8.2
13	13.0	25.0	18.5	83.6	17.802	15.7	0.0	2.3	2.3	6.8
14	13.0	27.5	19.1	76.5	16.392	14.3	0.3	3.5	3.8	6.4
15	12.0	25.0	18.9	81.8	17.695	15.5	2.3	10.7	13.0	6.0
16	12.0	23.0	18.3	83.8	17.388	15.3	0.0	0.0	0.0	4.4
17	14.0	23.0	18.4	83.6	17.650	15.5	0.1	0.5	0.6	0.0
18	11.5	27.0	19.4	79.4	17.473	15.3	0.0	0.0	0.0	6.3
19	14.0	26.0	20.9	72.2	16.753	14.5	0.0	0.0	0.0	5.8
20	12.0	25.0	19.0	83.9	18.232	16.0	5.1	0.0	5.1	4.8
21	13.0	27.5	19.6	79.5	18.167	16.0	0.0	0.0	0.0	6.6
22	14.0	27.5	19.9	82.6	19.031	16.7	0.0	0.0	0.0	6.1
23	14.0	26.0	20.1	80.2	18.612	16.4	0.0	1.2	1.2	7.3
24	14.0	23.5	18.3	85.5	18.248	16.0	9.4	0.0	9.4	2.0
25	12.0	24.5	19.3	83.6	18.453	16.2	0.0	0.0	0.0	3.6
26	13.0	25.0	19.0	80.7	17.807	15.7	0.0	0.1	0.1	2.7
27	11.5	25.0	19.1	78.6	17.129	15.1	0.0	0.0	0.0	5.1
28	13.0	26.0	19.7	74.6	16.657	14.6	0.0	21.8	21.8	8.2
29	13.0	24.0	18.3	85.2	18.111	15.9	2.7	4.9	7.6	3.0
30	12.5	24.0	18.6	84.7	18.124	15.9	0.2	38.6	38.8	5.6
PROM.	13.1	25.1	19.1	81.5	17.792	15.6	53.2	130.8	184.0	153.1

## 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	13.5	24.5	18.5	85.1	18.156	16.0	0.0	0.0	0.0	4.1
2	11.0	24.0	18.0	83.6	17.245	15.1	0.0	17.3	17.3	6.3
3	13.0	22.0	17.5	89.6	17.929	15.8	1.0	24.3	25.3	1.5
4	13.6	22.0	17.6	94.0	19.234	16.9	8.2	9.4	17.6	0.3
5	12.5	24.0	18.1	82.4	16.872	14.6	0.0	3.9	3.9	3.2
6	13.0	23.5	18.0	84.2	17.389	15.3	0.7	0.1	0.8	2.0
7	12.5	24.5	18.7	79.6	16.952	14.9	0.0	0.6	0.6	5.0
8	13.5	24.0	18.5	84.2	17.961	15.8	0.0	2.8	2.8	5.3
9	11.5	24.5	18.0	82.1	16.723	14.7	0.5	10.6	11.1	6.1
10	11.0	24.0	18.0	82.9	16.924	14.8	0.2	0.0	0.2	3.8
11	13.0	23.5	18.9	80.8	17.628	15.5	0.0	6.5	6.5	4.4
12	12.5	25.5	18.3	78.9	16.364	14.3	0.0	4.7	4.7	3.9
13	12.5	25.5	19.0	80.8	17.399	15.3	1.2	0.0	1.2	2.9
14	12.0	23.5	18.5	85.3	17.958	15.7	0.0	0.0	0.0	4.4
15	13.0	23.0	18.4	88.0	18.628	16.4	0.3	0.0	0.3	3.7
16	13.5	23.0	18.2	86.7	17.995	15.8	1.7	4.4	6.1	4.2
17	13.5	21.5	17.3	89.5	17.963	15.8	1.2	0.0	1.2	0.3
18	12.5	21.5	18.2	84.6	17.758	15.6	0.0	0.0	0.0	1.2
19	13.0	24.5	18.6	82.6	17.564	15.4	0.0	33.6	33.6	5.8
20	12.5	22.0	17.6	87.6	17.655	15.5	0.0	0.0	0.0	2.2
21	12.5	25.0	19.3	82.1	18.142	15.9	4.2	0.0	4.2	6.4
22	12.5	24.5	19.8	78.6	18.138	15.9	0.0	0.0	0.0	3.3
23	13.0	25.5	19.0	77.2	16.554	14.5	0.0	0.0	0.0	6.6
24	12.6	25.0	18.6	74.2	16.063	14.0	0.0	0.0	0.0	8.7
25	12.0	25.9	19.1	80.3	17.365	15.2	1.0	0.0	1.0	5.0
26	12.0	26.0	17.9	70.7	14.466	12.5	29.9	4.5	34.4	5.3
27	12.5	22.0	18.2	83.2	17.300	15.2	5.3	0.0	5.3	3.8
28	12.5	23.0	18.3	87.4	18.383	16.1	0.3	0.0	0.3	4.6
29	12.0	24.5	18.7	80.4	17.289	15.2	0.0	0.8	0.8	5.9
30	13.5	23.0	18.0	87.9	18.284	16.1	1.0	6.8	7.8	0.7
31	13.0	22.5	17.9	85.4	17.448	15.3	0.0	0.7	0.7	5.6
PROM.	12.6	23.8	18.3	83.2	17.476	15.3	56.7	131.0	187.7	126.5

ESTACION: OSPINA PEREZ

MUNICIPIO CONSACA

AÑO: 1.983

ALTITUD: 1.700

LATITUD: 1-16 N.

LONGITUD: 77-28 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días llovias	
ENERO	15.4	26.9	20.4	13.5	30.0	74.5	17.432	15.2	40.2	10	173.1
FEBRERO	15.1	27.8	21.0	12.0	30.5	67.9	16.309	14.1	46.0	9	150.2
MARZO	15.2	27.4	20.8	13.5	31.0	74.2	17.613	15.3	92.5	21	129.5
ABRIL	14.8	25.2	19.7	13.5	29.5	62.7	16.720	16.4	238.2	20	98.8
MAYO	14.7	25.4	19.8	13.0	26.0	62.8	16.991	16.6	110.0	21	132.7
JUNIO	14.4	26.2	20.3	12.5	30.5	70.0	16.192	13.9	52.5	8	166.4
JULIO	14.2	27.1	20.7	11.6	31.0	60.3	13.976	11.5	33.7	9	172.9
AGOSTO	14.7	27.2	21.4	11.5	30.5	57.3	13.921	11.4	28.8	5	165.3
SEPTIEMBRE	13.2	26.0	19.7	11.0	29.5	69.2	15.404	13.2	37.6	8	120.9
OCTUBRE	13.7	25.8	19.3	12.0	29.5	76.5	16.689	14.5	164.2	19	133.4
NOVIEMBRE	13.1	25.1	19.1	11.5	29.0	81.5	17.792	15.6	184.0	20	153.1
DICIEMBRE	12.6	23.8	18.3	11.0	26.0	83.2	17.476	15.3	167.7	24	126.5
PROMEDIO	14.3	26.2	20.0	12.2	29.6	73.3	16.710	14.4			
TOTAL									1215.4	174	1722.8

ESTACION: FRANCISCO ROMERO

MUNICIPIO: SALAZAR

AÑO: 1.983

ALTITUD: 1.000

LATITUD: 7-46 N.

LONGITUD: 72-46 W.

## M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	27.2	22.3	80.8	21.293	18.4	0.1	0.1	0.2	3.9
2	18.5	28.0	21.5	79.2	20.139	17.5	13.2	0.5	13.7	2.4
3	16.0	27.0	22.1	82.5	21.530	18.6	2.9	7.0	74.9	3.1
4	18.0	25.0	21.5	84.6	21.765	18.8	0.0	0.0	0.0	0.1
5	17.5	26.0	21.2	77.8	19.432	17.0	1.4	0.0	1.4	0.6
6	18.0	27.0	22.3	80.6	21.555	18.7	0.0	0.1	0.1	2.4
7	18.0	25.5	21.4	82.8	21.216	18.4	0.2	0.0	0.2	0.7
8	17.0	27.5	21.4	80.2	20.163	17.6	0.0	0.0	0.0	4.5
9	17.0	29.5	22.2	78.1	20.301	17.7	0.0	0.0	0.0	6.0
10	17.0	27.5	22.7	78.7	21.554	18.7	0.0	0.0	0.0	4.4
11	18.0	28.0	22.6	75.5	20.489	17.9	0.0	0.0	0.0	4.5
12	17.5	28.5	22.8	77.2	20.561	18.1	2.6	0.3	2.9	4.6
13	18.0	23.5	20.6	90.7	22.319	19.2	0.0	4.7	4.7	0.7
14	18.0	22.5	19.8	86.3	19.959	17.5	0.2	0.0	0.2	0.0
15	17.5	26.6	21.4	79.6	20.063	17.5	0.0	0.0	0.0	4.6
16	18.5	27.0	21.8	72.1	18.504	16.1	0.0	0.0	0.0	1.4
17	17.5	27.0	21.0	81.7	20.248	17.7	0.0	0.0	0.0	4.3
18	16.5	28.6	22.1	76.0	19.544	17.1	0.0	0.0	0.0	5.1
19	17.0	36.0	22.7	75.6	19.993	17.4	0.0	0.0	0.0	6.0
20	17.5	27.6	22.6	77.2	20.892	18.2	0.0	0.0	0.0	2.7
21	17.0	30.5	23.5	73.4	20.346	17.7	0.0	0.0	0.0	7.4
22	18.0	31.5	23.3	69.8	19.332	16.9	0.0	0.0	0.0	7.6
23	16.6	30.0	23.2	72.4	19.608	17.1	0.0	0.0	0.0	6.6
24	17.0	29.5	22.7	70.8	18.712	16.4	0.0	0.0	0.0	6.0
25	17.0	30.0	22.7	71.9	19.185	16.8	0.0	0.0	0.0	7.3
26	16.5	29.5	23.3	71.3	19.344	16.9	0.0	0.0	0.0	6.8
27	17.5	30.0	23.1	70.9	19.259	16.8	0.0	0.0	0.0	7.4
28	17.9	30.0	24.1	67.8	19.075	16.5	0.0	0.0	0.0	7.1
29	18.6	28.8	22.7	75.6	20.301	17.6	0.0	0.0	0.0	2.1
30	17.4	29.0	23.3	70.6	19.007	16.0	0.3	13.1	13.4	3.0
31	19.0	24.0	20.9	81.9	20.152	17.5	11.4	1.0	12.4	0.0
PROM.	17.5	27.8	22.2	77.2	20.202	17.6	32.3	91.8	124.1	124.3

## 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	18.5	26.4	22.3	77.0	20.517	17.9	0.0	0.0	0.0	1.2
2	17.0	27.5	22.5	77.7	20.928	18.2	0.0	0.0	0.0	1.4
3	19.0	27.0	23.1	78.0	21.663	18.8	0.0	0.0	0.0	0.6
4	18.4	26.0	21.8	80.3	20.848	18.1	8.6	3.6	12.2	2.1
5	18.0	22.6	20.2	89.5	21.240	18.5	0.3	0.0	0.3	0.0
6	17.5	26.6	21.8	82.1	20.919	18.2	0.0	0.0	0.0	5.1
7	17.4	29.0	22.8	77.7	21.324	18.5	0.0	0.0	0.0	5.8
8	16.0	29.5	22.3	71.3	18.240	15.5	0.0	0.0	0.0	6.8
9	17.0	29.5	23.0	68.2	18.302	16.1	0.0	0.0	0.0	6.2
10	15.0	30.5	21.6	70.9	17.107	14.8	0.0	0.0	0.0	7.5
11	15.0	30.9	22.8	63.1	16.301	13.9	0.0	0.0	0.0	7.5
12	15.4	30.5	22.0	59.6	15.074	12.8	0.0	0.0	0.0	7.5
13	15.6	30.6	22.6	70.0	18.229	15.8	0.0	0.0	0.0	6.6
14	16.4	30.0	23.3	73.5	20.029	17.3	0.0	0.0	0.0	6.4
15	14.0	32.5	22.5	65.3	16.886	14.8	0.0	0.0	0.0	7.6
16	16.4	30.5	23.3	73.1	20.023	17.4	0.0	0.0	0.0	6.4
17	17.0	32.0	24.5	69.6	20.462	17.8	0.0	30.2	30.2	6.1
18	19.9	28.5	23.3	79.4	22.447	19.3	2.2	0.0	2.2	2.6
19	17.0	30.0	23.3	78.0	21.600	18.6	2.8	0.0	2.8	5.4
20	18.0	29.3	23.5	76.7	21.646	18.7	0.0	0.3	0.3	3.7
21	20.0	24.0	21.2	87.9	22.643	19.5	0.5	0.1	0.6	0.0
22	15.6	30.5	22.7	74.5	19.706	17.2	0.0	0.1	0.1	4.3
23	19.8	30.5	24.9	70.8	21.311	18.5	0.0	0.0	0.0	5.2
24	19.0	27.0	22.7	77.9	21.292	18.5	0.0	0.0	0.0	1.5
25	18.6	26.5	22.5	83.0	22.533	19.4	0.0	0.0	0.0	1.8
26	18.0	30.0	22.9	73.3	19.989	17.5	0.0	0.0	0.0	7.0
27	18.4	31.1	23.5	73.2	20.816	18.1	0.0	0.0	0.0	4.5
28	18.8	30.0	24.5	75.7	22.622	19.3	0.2	0.0	0.2	2.4
PROM.	17.4	28.9	22.8	74.9	20.168	17.5	14.6	34.3	48.9	123.2

ESTACION: FRANCISCO ROMERO

MUNICIPIO: SALAZAR

AÑO: 1983

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	19.5	31.0	24.1	72.0	21.182	18.4	0.1	0.0	0.1	3.9
2	19.0	30.0	24.1	78.5	22.793	19.5	0.0	2.7	2.7	4.4
3	20.3	26.0	23.0	85.6	23.862	20.3	0.0	0.0	0.0	0.5
4	19.8	26.5	22.7	83.6	23.066	19.8	0.0	0.0	0.0	1.1
5	20.2	27.0	23.0	82.6	23.015	19.7	0.0	0.0	0.0	0.8
6	19.0	31.6	25.1	71.0	21.688	18.7	0.0	11.7	11.7	5.8
7	20.3	24.6	22.0	89.6	23.614	20.1	2.1	0.0	2.1	0.0
8	17.5	26.0	23.2	84.2	23.616	20.1	0.0	16.6	16.6	0.7
9	18.0	26.3	22.5	80.3	21.652	18.8	2.7	0.0	2.7	1.4
10	17.6	26.5	22.9	76.3	21.006	18.2	0.0	0.0	0.0	1.7
11	17.0	31.0	24.2	68.9	19.737	17.3	0.0	0.0	0.0	6.7
12	17.6	28.0	23.5	75.6	21.020	18.2	0.0	0.0	0.0	3.2
13	18.5	24.5	21.6	90.4	23.429	20.0	0.0	2.2	2.2	0.0
14	18.6	23.0	21.1	90.2	22.515	19.4	15.8	0.0	15.8	0.0
15	16.0	32.5	23.0	68.3	18.346	16.1	0.0	0.0	0.0	8.4
16	17.6	32.0	24.4	70.0	20.385	17.8	0.0	0.0	0.0	6.9
17	19.0	28.5	23.5	77.7	22.604	19.4	0.0	0.2	0.2	0.7
18	19.6	29.0	23.8	75.5	23.236	19.9	0.0	0.0	0.0	1.1
19	18.5	31.5	24.2	78.6	23.197	19.8	0.0	0.0	0.0	6.3
20	17.4	31.0	24.2	74.0	21.481	18.6	0.0	0.0	0.0	6.6
21	18.5	33.0	25.7	66.8	21.005	18.2	0.0	0.0	0.0	5.3
22	18.5	30.5	23.0	79.3	22.187	19.1	0.0	0.0	0.0	1.4
23	18.6	30.0	24.0	74.9	21.575	18.6	0.0	0.0	0.0	3.2
24	18.5	31.5	24.2	68.4	19.808	17.3	0.0	0.0	0.0	6.7
25	18.6	30.0	24.2	77.2	22.655	19.4	0.0	0.6	0.6	2.4
26	18.6	25.6	22.1	83.9	22.553	19.4	1.7	0.0	1.7	0.1
27	17.4	26.0	22.4	79.6	21.584	18.7	0.0	0.0	0.0	2.0
28	17.0	28.0	22.3	78.0	20.607	17.9	0.0	0.0	0.0	2.9
29	17.0	30.0	23.8	69.1	19.590	17.1	0.0	0.0	0.0	4.2
30	16.4	31.5	24.5	62.7	18.184	15.9	0.0	0.0	0.0	8.2
31	19.0	31.0	23.8	67.5	19.313	16.8	0.0	0.0	0.0	4.3
PROM.	18.4	28.9	23.4	76.9	21.632	18.7	22.4	34.0	56.4	100.9

## 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	17.8	31.0	24.7	65.9	19.790	17.3	0.0	0.0	0.0	6.3
2	18.6	30.6	25.3	69.0	21.406	18.5	0.0	0.0	0.0	2.3
3	19.0	29.3	23.6	79.2	22.760	19.6	0.0	0.0	0.0	2.0
4	18.6	28.0	23.2	70.6	19.231	16.5	0.0	0.0	0.0	1.6
5	18.4	27.6	22.7	78.6	21.511	18.6	0.0	0.0	0.0	1.5
6	18.6	26.6	24.0	71.5	20.753	18.1	0.0	2.6	2.6	0.9
7	18.6	26.0	20.7	91.9	22.704	19.5	25.8	12.0	37.8	0.9
8	18.0	25.0	21.5	86.8	22.303	19.3	0.4	4.1	4.5	0.1
9	17.6	26.4	22.0	81.9	21.475	18.6	0.1	0.0	0.1	0.0
10	18.6	26.0	22.2	85.0	22.746	19.6	0.1	0.0	0.1	0.5
11	18.6	30.0	24.0	78.3	23.053	19.7	0.0	16.6	16.6	0.5
12	17.5	27.0	23.0	85.5	23.969	20.4	1.9	121.1	123.0	2.2
13	18.6	24.6	22.1	88.6	23.564	20.1	9.1	2.6	11.7	0.3
14	18.6	28.5	22.5	80.8	22.059	19.1	23.9	0.3	24.2	0.6
15	17.8	27.0	22.6	85.3	23.464	20.1	28.1	0.9	29.0	0.9
16	18.8	30.0	24.2	75.3	22.582	19.4	0.0	3.8	3.8	3.6
17	18.6	29.0	23.5	83.9	24.239	20.6	0.9	0.6	1.5	1.1
18	19.0	28.0	23.5	82.6	23.912	20.3	7.6	7.6	15.2	1.7
19	18.6	27.5	22.9	86.6	24.546	20.8	1.9	3.9	5.8	1.0
20	18.0	30.6	24.3	74.3	21.675	18.7	0.0	0.0	0.0	5.0
21	18.4	28.5	22.8	78.4	21.931	19.0	48.2	1.0	49.2	2.2
22	17.5	29.3	23.3	81.0	22.887	19.6	0.0	0.0	0.0	5.0
23	19.6	30.6	25.1	79.2	24.817	20.9	0.0	0.0	0.0	4.5
24	18.6	31.0	23.3	76.1	21.509	18.7	0.0	0.0	0.0	4.9
25	18.0	29.0	23.8	74.5	21.501	18.7	0.0	0.0	0.0	4.6
26	18.4	28.6	23.4	78.7	22.399	19.3	0.0	0.0	0.0	2.8
27	18.6	30.3	23.8	80.2	23.508	20.1	0.0	0.0	0.0	4.1
28	18.2	29.0	22.2	83.1	22.245	19.2	2.7	108.4	111.1	3.3
29	18.0	27.4	22.3	80.5	21.481	18.6	0.0	0.0	0.0	0.0
30	18.6	26.0	22.0	82.6	21.930	18.9	3.3	0.0	3.3	0.0
PROM.	18.4	28.3	23.2	79.9	22.398	19.3	154.0	285.5	439.5	64.4

ESTACION: FRANCISCO ROMERO

MUNICIPIO: SALAZAR

AÑO: 1.983

ALTITUD: 1.000

LATITUD: 7-46 N.

LONGITUD: 72-46 W.

## M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.0	28.0	22.5	80.2	22.003	19.0	0.0	0.1	0.1	1.3
2	18.0	27.0	22.2	80.4	21.384	18.6	0.0	0.0	0.0	3.0
3	18.0	30.3	23.9	76.8	22.458	19.3	0.0	0.0	0.0	4.5
4	18.0	28.0	21.3	79.3	20.068	17.5	0.0	0.0	0.0	2.8
5	18.0	31.2	24.3	70.0	20.229	17.6	0.0	0.0	0.0	8.1
6	18.5	29.8	23.6	75.8	21.847	18.9	0.0	0.0	0.0	4.0
7	18.6	30.0	22.8	80.7	22.742	19.5	4.6	0.0	4.6	2.7
8	18.5	30.5	24.7	72.2	21.840	18.9	0.0	0.0	0.0	5.8
9	18.6	30.5	23.6	78.0	22.550	19.4	0.0	0.0	0.0	3.1
10	19.6	28.5	23.4	78.7	22.622	19.4	0.0	0.0	0.0	2.7
11	18.5	28.5	22.3	86.3	23.236	19.9	0.9	0.0	0.9	2.5
12	18.5	29.5	22.9	78.3	21.926	19.0	0.0	0.0	0.0	4.8
13	18.5	30.0	24.0	79.4	23.319	20.0	0.0	0.0	0.0	8.1
14	17.6	32.0	24.4	69.6	20.607	18.0	0.0	0.9	0.9	3.5
15	19.6	29.5	24.2	75.2	23.275	19.9	0.1	16.4	16.5	2.2
16	19.0	29.0	23.1	81.0	22.880	19.6	0.0	26.9	26.9	4.4
17	19.2	28.0	22.8	82.2	22.925	19.7	0.0	0.0	0.0	3.1
18	18.0	29.0	22.9	78.4	21.770	18.8	0.0	0.0	0.0	2.7
19	18.6	28.0	22.0	82.0	21.718	18.8	28.3	10.4	38.7	1.4
20	17.6	26.5	21.1	90.0	22.816	19.6	21.9	1.3	23.2	0.5
21	18.0	26.0	22.1	85.6	22.655	19.5	0.6	7.7	8.3	0.1
22	19.0	25.6	21.8	84.1	22.075	19.1	2.1	0.6	2.7	0.1
23	18.0	26.5	22.6	85.9	23.594	20.1	1.7	0.0	1.7	0.9
24	18.5	28.0	22.9	79.9	22.097	19.1	1.3	0.0	1.3	1.6
25	17.6	30.0	24.2	78.8	23.284	19.9	0.0	0.7	0.7	5.3
26	18.6	29.0	23.2	77.8	22.101	19.1	0.0	0.0	0.0	2.6
27	17.5	30.5	23.7	77.8	22.291	19.1	0.0	0.0	0.0	6.2
28	18.5	27.0	22.1	75.1	20.889	18.1	0.0	0.0	0.0	2.7
29	18.5	28.0	21.7	85.7	22.828	19.6	0.4	0.0	0.4	1.8
30	17.3	31.0	23.6	78.0	22.129	19.1	0.0	0.0	0.0	2.3
31	18.5	32.0	24.1	73.9	21.441	18.6	0.0	0.3	0.3	8.0
PROM.	18.4	28.9	23.0	79.5	22.181	19.1	61.9	65.3	127.2	102.8

## 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	18.6	31.5	23.8	74.9	21.460	18.5	4.0	0.0	4.0	6.9
2	18.3	31.0	24.2	67.6	19.583	17.1	0.0	5.4	5.4	7.5
3	20.0	28.0	22.9	83.1	23.204	19.9	0.0	0.0	0.0	0.7
4	18.0	26.0	21.4	92.7	23.922	20.3	0.5	0.0	0.5	0.1
5	17.0	30.0	23.0	75.1	20.540	17.9	0.0	0.0	0.0	5.6
6	19.0	26.5	21.9	80.8	21.661	18.8	0.2	0.0	0.2	0.7
7	18.5	29.5	22.2	76.6	20.087	17.4	4.4	0.0	4.4	4.1
8	18.0	29.6	23.8	75.3	21.650	18.7	0.0	0.0	0.0	5.8
9	19.0	30.0	24.4	77.2	23.259	19.9	0.0	18.5	18.5	4.0
10	17.6	30.0	23.0	79.0	21.990	19.0	1.1	0.1	1.2	5.6
11	17.4	29.0	21.8	81.4	21.373	18.5	1.7	0.4	2.1	0.0
12	17.6	30.0	23.0	78.2	21.400	18.6	0.0	0.0	0.0	5.8
13	17.5	28.3	22.6	78.5	21.469	18.6	0.0	0.0	0.0	3.9
14	16.6	30.0	23.5	75.2	21.511	18.6	0.3	0.3	0.6	4.3
15	18.0	31.5	24.0	74.9	21.718	18.8	0.0	0.0	0.0	8.3
16	18.5	30.0	24.2	73.2	21.496	18.6	0.0	0.3	0.3	8.2
17	18.5	30.0	23.0	75.7	20.882	18.2	0.0	0.0	0.0	7.4
18	17.5	29.0	23.1	77.7	21.659	18.8	0.0	0.0	0.0	1.1
19	17.0	30.5	23.1	71.3	19.665	17.2	0.0	0.0	0.0	8.5
20	17.0	28.5	22.6	75.7	20.641	18.0	0.0	0.0	0.0	3.2
21	17.5	28.0	20.7	76.8	18.468	16.1	9.4	0.3	9.7	2.5
22	17.0	30.8	22.7	71.3	19.428	17.0	0.0	0.0	0.0	6.3
23	17.0	31.3	22.7	73.7	19.839	17.3	0.0	0.0	0.0	5.4
24	16.0	31.9	24.5	67.4	19.661	17.2	0.0	0.0	0.0	8.1
25	18.0	30.0	23.6	69.6	20.015	17.5	0.0	0.0	0.0	4.5
26	17.3	31.5	23.9	68.6	19.268	16.8	0.0	0.0	0.0	8.4
27	17.6	30.0	23.4	72.4	20.518	17.9	0.0	0.1	0.1	6.1
28	18.3	29.0	21.9	77.8	20.364	17.7	0.0	0.0	0.0	2.7
29	17.6	28.0	22.2	79.5	20.890	18.1	0.0	0.0	0.0	0.7
30	17.6	29.5	22.8	73.0	19.632	17.1	0.0	1.1	1.1	4.4
PROM.	17.8	29.6	23.0	75.8	20.908	18.1	21.6	26.5	48.1	140.8

ESTACION: FRANCISCO ROMERO

MUNICIPIO: SALAZAR

AÑO:

1.983

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	17.0	29.5	22.5	76.0	20.382	17.8	0.0	0.0	0.0	2.9
2	18.3	29.6	22.6	76.1	20.600	17.9	0.2	0.0	0.2	1.8
3	17.5	30.0	22.4	75.3	20.490	17.9	1.2	0.0	1.2	5.2
4	18.5	28.5	22.0	77.3	19.865	17.2	0.0	1.8	1.8	2.1
5	17.5	30.0	23.4	77.5	21.444	18.4	0.0	0.0	0.0	5.1
6	17.0	30.0	23.3	73.7	20.509	17.8	1.9	21.3	23.2	5.7
7	18.0	31.0	23.2	77.7	21.604	18.6	0.0	0.0	0.0	6.1
8	18.0	28.0	22.1	78.4	20.773	18.1	0.0	0.0	0.0	2.6
9	18.6	28.0	22.6	75.7	20.473	17.8	0.0	0.0	0.0	1.5
10	17.6	31.0	24.0	70.4	20.816	18.0	0.0	24.6	24.6	9.5
11	19.0	29.0	23.1	78.7	21.713	18.7	0.0	1.4	1.4	8.3
12	18.6	27.0	21.2	86.2	22.152	19.1	2.8	0.0	2.8	3.1
13	16.3	29.0	22.8	73.7	20.026	17.5	0.0	0.0	0.0	7.5
14	17.6	29.0	22.8	79.7	21.663	18.7	0.0	6.2	6.2	7.2
15	18.0	28.5	21.8	81.8	21.480	18.6	1.4	0.0	1.4	2.9
16	16.6	30.0	23.0	71.4	19.814	17.3	0.0	0.0	0.0	7.1
17	17.6	30.0	22.2	79.2	21.219	18.4	0.0	0.0	0.0	5.9
18	17.0	29.5	22.5	76.4	20.715	18.0	0.0	0.0	0.0	7.6
19	16.6	31.0	23.8	69.4	20.173	17.6	0.0	0.7	0.7	7.0
20	18.2	27.0	22.0	83.2	21.842	18.9	0.0	0.0	0.0	5.5
21	17.4	29.0	22.8	77.1	20.968	18.2	0.0	0.0	0.0	1.9
22	18.3	27.0	22.1	78.9	20.985	18.3	0.0	0.0	0.0	5.9
23	18.5	26.0	20.5	86.2	21.216	18.4	5.0	0.0	5.0	8.2
24	16.3	30.5	22.2	80.4	20.660	17.9	0.0	0.0	0.0	5.0
25	17.0	29.0	21.6	83.8	21.653	18.8	0.0	0.0	0.0	5.7
26	16.5	30.6	23.3	77.3	21.366	18.5	0.0	0.0	0.0	8.3
27	18.6	28.0	22.5	80.5	21.824	18.9	2.8	7.9	10.7	3.5
28	18.0	28.5	23.0	79.4	22.183	19.1	0.0	0.0	0.0	4.8
29	17.6	30.5	23.0	78.0	21.645	18.7	0.0	0.0	0.0	8.7
30	17.4	29.5	23.1	73.4	20.621	17.9	0.0	0.0	0.0	1.6
31	18.0	28.2	21.9	81.1	21.307	18.5	0.3	2.1	2.4	4.8
PROM.	17.6	29.1	22.6	77.9	21.038	18.2	15.6	66.0	81.6	163.2

## 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	16.0	28.4	23.0	80.5	22.300	19.2	0.6	4.2	4.8	6.4
2	17.5	28.5	21.8	81.4	20.955	18.2	0.6	0.0	0.6	6.5
3	15.6	30.0	23.1	78.6	21.664	18.7	0.0	0.7	0.7	6.1
4	17.0	29.0	22.7	80.8	21.877	18.9	0.0	0.0	0.0	7.3
5	17.0	29.5	22.8	78.1	21.288	18.4	0.0	0.0	0.0	5.5
6	19.0	30.5	23.0	79.4	22.106	19.0	0.8	0.0	0.8	4.7
7	18.0	31.5	23.5	78.6	22.025	19.0	0.0	10.8	10.8	6.7
8	18.0	29.3	22.9	75.4	20.891	18.2	0.0	0.0	0.0	7.1
9	16.0	29.3	23.0	78.0	21.610	18.7	0.0	0.0	0.0	5.4
10	17.0	30.0	22.5	74.5	20.103	17.6	0.0	0.0	0.0	7.9
11	19.5	31.0	23.9	69.1	19.934	17.4	0.0	0.0	0.0	7.6
12	18.5	31.5	24.6	64.1	19.109	16.7	0.0	0.0	0.0	7.1
13	17.0	31.5	23.7	71.2	20.679	18.0	0.0	0.0	0.0	8.8
14	17.8	31.5	24.8	71.2	21.574	18.7	0.0	0.0	0.0	8.8
15	17.5	31.5	24.1	74.2	22.220	19.1	0.0	0.0	0.0	6.3
16	18.5	31.0	23.5	75.9	21.697	18.8	0.0	0.0	0.0	8.1
17	18.0	30.5	22.6	73.6	19.667	17.5	0.0	0.0	0.0	5.7
18	18.5	31.0	23.4	73.7	20.609	17.9	0.0	0.0	0.0	6.8
19	18.5	31.0	24.5	72.8	21.640	18.6	0.0	0.2	0.2	8.1
20	19.5	25.0	20.4	94.7	22.985	19.7	1.1	0.0	1.1	0.2
21	18.5	30.0	24.0	67.9	19.486	17.0	0.0	0.5	0.5	6.7
22	18.0	30.0	23.2	70.4	19.796	17.3	0.1	0.8	0.9	6.0
23	17.4	30.4	23.3	70.5	19.279	16.9	0.0	3.3	3.3	5.1
24	18.0	25.0	20.5	97.2	23.656	20.2	1.0	0.0	1.0	0.3
25	17.6	31.0	22.5	76.5	20.300	17.7	0.5	0.0	0.5	6.7
26	17.6	32.0	23.6	69.4	19.602	17.1	0.0	0.0	0.0	7.9
27	17.0	30.6	24.2	71.7	20.877	18.1	0.0	1.7	1.7	7.2
28	18.5	28.6	23.2	78.9	21.981	19.0	0.0	0.6	0.6	2.7
29	18.6	29.6	22.8	80.2	21.811	18.8	0.7	0.0	0.7	2.4
30	18.5	32.0	24.6	70.0	20.647	17.8	0.0	0.0	0.0	6.6
31	18.0	32.0	23.8	74.0	20.775	18.0	0.0	0.0	0.0	9.0
PROM.	17.8	30.1	23.2	75.9	21.080	18.3	5.4	22.8	28.2	191.7

ESTACION: FRANCISCO RUMERO MUNICIPIO: SALAZAR AÑO: 1.983  
 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	18.6	31.0	23.6	73.4	21.026	18.3	10.3	6.2	16.5	7.5
2	18.6	28.4	21.0	93.5	23.823	20.2	14.7	0.0	14.7	2.9
3	18.4	30.6	23.3	77.3	21.595	18.7	0.0	0.0	0.0	6.4
4	18.8	29.5	24.3	76.0	22.174	19.0	0.0	0.0	0.0	4.6
5	17.4	30.0	22.7	75.8	20.456	17.8	0.0	0.0	0.0	5.7
6	18.3	28.6	23.8	74.7	21.428	18.6	0.0	0.0	0.0	2.5
7	18.4	31.0	23.1	73.4	20.506	17.9	0.0	0.0	0.0	6.9
8	19.0	26.6	22.0	79.6	21.414	18.6	1.7	0.0	1.7	0.6
9	16.8	27.0	22.1	77.3	20.207	17.6	0.0	0.0	0.0	3.8
10	17.6	29.6	22.5	67.0	18.177	15.8	0.0	0.0	0.0	1.6
11	16.0	29.0	22.8	77.8	20.956	18.0	0.5	0.0	0.5	4.9
12	18.2	28.0	21.6	83.6	21.431	18.6	1.3	0.0	1.3	4.6
13	16.6	29.5	22.7	79.1	21.526	18.6	0.0	0.0	0.0	4.7
14	18.0	30.1	23.9	75.7	21.701	18.8	0.0	0.2	0.2	4.8
15	16.0	31.0	23.4	75.1	21.071	18.3	0.0	0.5	0.5	6.9
16	18.0	28.0	21.9	83.4	21.907	18.9	1.6	0.0	1.6	2.1
17	16.6	29.0	24.1	76.6	22.090	19.0	0.0	6.5	6.5	6.0
18	16.6	29.0	22.9	77.8	21.203	18.4	0.0	0.0	0.0	4.6
19	17.0	30.0	23.1	78.9	21.596	18.6	0.0	0.3	0.3	5.1
20	17.6	29.5	24.0	73.4	21.072	18.2	0.0	0.0	0.0	5.3
21	18.4	30.5	23.5	73.9	20.518	18.2	0.0	15.0	15.0	4.3
22	18.6	31.5	23.1	79.5	21.876	18.8	0.5	0.0	0.5	5.4
23	18.0	29.5	22.6	78.7	21.263	18.4	0.0	0.0	0.0	2.6
24	18.0	31.0	24.3	75.1	22.066	19.0	0.0	0.0	0.0	7.2
25	18.5	31.0	23.5	71.3	20.002	17.4	0.0	0.0	0.0	6.3
26	17.6	31.5	24.0	73.3	21.183	18.3	0.0	0.0	0.0	8.0
27	18.0	31.5	25.2	72.1	22.237	19.1	0.0	0.0	0.0	7.2
28	18.6	30.0	23.6	72.9	21.549	18.6	0.0	0.0	0.0	1.5
29	17.6	32.0	24.7	69.2	20.621	18.0	0.0	0.0	0.0	8.1
30	19.0	30.0	23.5	71.4	20.779	18.1	0.0	0.0	0.0	4.5
PROM.	17.9	29.8	23.2	76.2	21.262	18.4	30.6	41.8	72.4	147.1

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	31.0	24.3	68.2	20.203	17.5	0.0	0.0	0.0	2.7
2	18.0	30.0	22.4	78.5	20.999	18.2	0.0	0.0	0.0	7.0
3	19.0	26.6	22.4	76.7	20.849	18.2	0.0	0.0	0.0	0.1
4	17.0	28.0	22.0	74.6	19.419	17.0	0.0	0.0	0.0	3.4
5	16.3	30.0	23.0	75.7	20.896	18.2	0.0	0.0	0.0	6.2
6	17.3	31.4	23.3	69.1	19.370	17.0	0.0	0.0	0.0	9.1
7	18.0	30.3	23.1	73.1	20.578	18.0	0.0	0.0	0.0	5.4
8	19.2	30.0	23.8	77.3	22.151	19.0	0.0	43.9	43.9	1.8
9	17.4	30.0	22.2	80.1	20.724	18.0	0.0	0.0	0.0	3.8
10	18.4	29.5	23.7	74.9	21.106	18.2	0.0	0.0	0.0	3.1
11	17.3	31.0	24.5	71.9	21.337	18.4	0.2	12.3	12.5	5.6
12	17.4	28.0	22.9	79.9	22.087	19.0	0.0	0.0	0.0	1.7
13	17.4	30.0	22.1	79.9	20.820	18.1	0.0	26.3	26.3	5.4
14	18.3	23.4	20.5	86.7	20.972	18.3	3.7	0.0	3.7	0.0
15	17.3	27.0	20.9	83.0	20.429	17.8	7.2	39.8	47.0	1.8
16	17.1	24.0	20.3	90.0	21.331	18.5	10.4	30.8	41.2	0.3
17	18.1	28.0	21.7	85.0	21.954	19.0	0.9	1.6	2.5	2.7
18	18.0	28.5	22.2	84.3	22.327	19.2	14.2	14.9	29.1	5.0
19	17.3	28.0	22.7	85.2	23.213	19.8	0.6	2.4	3.0	4.9
20	19.1	27.3	21.4	83.1	21.298	18.5	0.0	0.7	0.7	1.4
21	17.6	26.5	22.8	80.8	22.181	19.1	0.5	63.6	64.1	4.5
22	17.1	29.3	22.6	82.6	22.040	18.9	23.8	0.1	23.9	5.1
23	18.0	29.0	22.6	81.7	21.931	18.9	14.6	2.9	17.5	3.9
24	18.0	30.6	23.1	81.0	22.205	19.0	0.0	0.0	0.0	7.3
25	17.3	27.0	21.4	84.7	21.896	18.9	0.0	0.0	0.0	0.0
26	18.1	26.6	22.1	80.7	21.385	18.5	0.0	0.0	0.0	3.3
27	17.3	28.6	22.7	76.6	20.844	18.1	0.0	0.0	0.0	3.7
28	17.3	27.6	22.1	84.1	22.316	19.2	3.2	7.1	10.3	2.3
29	17.3	27.0	21.8	85.1	21.946	18.9	9.0	0.1	9.1	0.4
30	18.4	26.5	21.8	82.2	21.621	18.7	52.4	6.3	58.7	1.1
31	18.2	24.5	20.6	88.3	21.821	18.9	2.1	4.0	6.1	0.5
PROM.	17.8	28.3	22.4	80.2	21.364	18.5	142.8	256.8	399.6	103.5

ESTACION: FRANCISCO ROMERO  
 ALTITUD: 1.000

MUNICIPIO: SALAZAR  
 LATITUD: 7-46 N.

AÑO: 1.983  
 LONGITUD: 72-48 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.2	25.0	21.6	87.7	22.682	19.5	0.0	0.0	0.0	0.9
2	18.3	27.5	22.5	82.0	21.751	18.7	0.0	0.0	0.0	4.6
3	17.6	27.6	22.2	81.4	21.676	18.7	0.0	0.0	0.0	3.9
4	18.6	28.4	22.3	81.7	21.959	19.0	0.0	0.0	0.0	4.8
5	17.6	30.0	22.4	81.7	21.733	18.8	0.0	0.0	0.0	6.1
6	17.8	29.0	22.5	81.7	22.169	19.1	0.0	0.0	0.0	4.3
7	17.4	28.5	22.2	82.8	22.011	19.0	1.1	1.1	2.2	4.7
8	17.3	29.0	23.5	81.5	22.840	19.5	0.0	0.5	0.5	6.7
9	17.5	29.0	22.5	81.7	22.107	19.1	0.0	0.0	0.0	7.1
10	17.3	30.0	22.7	80.6	22.055	19.0	0.0	0.9	0.9	7.0
11	17.5	28.0	22.9	81.8	22.415	19.3	0.0	0.2	0.2	4.8
12	16.8	29.0	22.3	81.9	21.400	18.5	0.0	8.9	8.9	6.6
13	18.0	28.5	22.0	74.9	20.653	18.0	1.5	1.2	2.7	7.4
14	17.1	26.8	21.5	82.5	21.212	18.4	0.0	0.0	0.0	4.2
15	17.0	27.5	22.2	82.6	23.515	20.0	0.0	28.6	28.6	1.5
16	17.1	28.5	21.5	84.6	21.736	18.8	0.0	0.0	0.0	6.0
17	17.7	28.0	22.1	82.1	21.870	18.9	0.0	0.0	0.0	2.4
18	19.0	27.5	22.6	82.9	22.711	19.5	0.0	0.0	0.0	3.2
19	17.4	29.6	22.7	78.2	21.189	18.4	0.0	0.0	0.0	7.4
20	17.5	30.0	22.7	74.9	20.037	17.5	0.0	0.0	0.0	7.8
21	17.6	30.0	22.9	74.6	20.462	17.8	0.0	0.0	0.0	6.7
22	16.5	28.5	22.6	74.1	19.684	17.1	0.0	0.0	0.0	3.2
23	17.0	29.0	22.5	79.8	21.044	18.2	0.0	1.4	1.4	5.2
24	17.0	26.5	21.4	88.7	22.654	19.4	0.0	0.2	0.2	3.1
25	17.0	26.5	20.9	88.6	21.981	19.0	0.0	0.0	0.0	3.9
26	18.0	29.0	23.1	76.3	21.211	18.4	0.0	0.0	0.0	4.7
27	17.3	25.5	23.4	77.6	21.828	18.8	0.0	0.0	0.0	5.6
28	18.0	26.0	21.8	85.3	22.052	19.0	0.0	0.8	0.8	1.6
29	17.0	26.5	21.4	88.9	22.506	19.3	0.1	0.5	0.6	2.1
30	17.3	26.8	21.0	85.5	21.619	18.8	9.3	2.7	12.0	4.6
PROM.	17.5	28.2	22.3	82.0	21.763	18.8	12.0	47.0	59.0	142.1

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	18.5	24.0	20.6	93.9	22.970	19.7	0.0	0.0	0.0	0.0
2	16.0	26.3	21.2	85.2	21.000	18.2	0.0	0.4	0.4	5.9
3	16.8	28.0	21.6	83.1	21.304	18.5	1.1	23.8	24.9	6.1
4	18.0	24.5	20.6	92.4	22.730	19.5	0.7	0.0	0.7	0.3
5	17.0	24.0	20.1	88.3	20.925	18.2	25.3	2.3	27.6	1.6
6	18.0	25.0	21.4	84.7	21.633	18.7	0.0	0.0	0.0	1.7
7	17.6	25.0	20.2	89.4	21.192	18.4	0.0	0.3	0.3	2.3
8	17.0	25.0	20.9	87.2	21.675	18.8	12.2	19.3	31.5	4.4
9	18.5	23.0	20.1	91.6	21.851	18.9	4.9	1.4	6.3	0.2
10	18.0	24.4	20.8	86.9	21.553	18.7	25.4	20.8	46.2	1.3
11	18.0	25.0	20.8	91.6	22.351	19.2	0.2	0.0	0.2	1.2
12	18.6	27.0	22.0	85.6	22.688	19.5	0.0	0.0	0.0	0.9
13	17.0	26.0	20.3	87.3	20.871	18.2	9.4	0.0	9.4	4.6
14	17.0	26.0	21.3	87.4	21.927	18.9	0.0	0.0	0.0	1.8
15	17.6	26.3	21.0	87.0	22.162	19.1	0.0	0.0	0.0	2.5
16	18.5	26.0	21.8	84.5	22.007	19.0	0.0	1.0	1.0	1.2
17	17.0	25.0	21.5	87.8	22.529	19.4	0.0	0.0	0.0	2.7
18	17.5	26.5	21.3	88.4	22.515	19.4	22.8	11.2	34.0	2.5
19	16.4	26.5	21.4	88.0	22.214	19.1	0.0	0.0	0.0	2.6
20	17.0	27.0	22.3	82.0	21.949	18.9	0.0	0.0	0.0	2.2
21	17.0	28.0	21.3	85.9	21.916	19.0	0.0	0.0	0.0	5.9
22	16.5	27.0	21.1	85.2	21.137	18.3	0.0	0.0	0.0	6.1
23	16.0	28.0	21.0	81.2	19.913	17.4	0.0	0.0	0.0	4.3
24	17.5	27.5	21.3	82.2	20.499	17.8	0.0	0.0	0.0	5.0
25	16.0	29.0	21.7	80.5	20.256	17.6	0.0	0.0	0.0	6.8
26	17.5	27.5	22.1	85.3	22.512	19.4	0.5	0.0	0.5	3.2
27	16.0	27.0	20.8	86.1	21.136	18.4	0.0	0.0	0.0	4.5
28	16.0	24.9	19.3	83.9	19.021	16.7	0.0	0.0	0.0	1.0
29	14.6	27.9	20.4	80.6	18.655	16.3	0.0	0.0	0.0	7.2
30	16.0	27.5	20.9	79.5	18.925	16.5	0.0	0.0	0.0	5.5
31	17.5	27.0	21.4	85.7	21.760	18.8	0.0	0.0	0.0	4.8
PROM.	17.2	26.2	21.0	86.1	21.412	18.5	102.5	80.5	183.0	100.3

ESTACION: FRANCISCO ROMERO

MUNICIPIO SALAZAR

AÑO: 1.983

ALTITUD: 1.000

LATITUD: 7-46 N.

LONGITUD: 72-48 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	17.5	27.8	22.2	16.0	31.5	77.2	20.202	17.6	124.1	11	124.3
FEBRERO	17.4	28.9	22.8	14.0	32.5	74.9	20.168	17.5	48.9	9	123.2
MARZO	18.4	28.9	23.4	16.0	33.0	76.9	21.632	18.7	56.4	11	100.9
ABRIL	18.4	28.3	23.2	17.5	31.0	79.9	22.398	19.3	439.5	17	64.4
MAYO	18.4	28.9	23.0	17.3	32.0	79.5	22.181	19.1	127.2	15	102.8
JUNIO	17.8	29.6	23.0	16.0	31.9	75.8	20.908	18.1	48.1	13	140.8
JULIO	17.6	29.1	22.6	16.3	31.0	77.9	21.038	18.2	81.6	13	163.2
AGOSTO	17.8	30.1	23.2	15.6	32.0	75.9	21.080	18.3	28.2	15	191.7
SEPTIEMBRE	17.9	29.8	23.2	16.6	32.0	76.2	21.262	18.4	72.4	12	147.1
OCTUBRE	17.8	28.3	22.4	16.3	31.4	80.2	21.364	18.5	399.6	17	103.5
NOVIEMBRE	17.5	28.2	22.3	16.5	30.0	82.0	21.763	18.8	59.0	12	142.1
DICIEMBRE	17.2	26.2	21.0	14.6	29.0	86.1	21.412	18.5	183.0	13	100.3
PROMEDIO	17.8	28.7	22.7	16.1	31.4	78.5	21.284	18.4			
TOTAL									1668.0	158	1504.3

ESTACION: BLONAY  
 ALTITUD: 1.235

MUNICIPIO: CHINACCTA AÑO: 1.983  
 LATITUD: 7-35 N. 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	17.0	26.0	20.6	83.7	19.901	17.4	0.0	0.0	0.0	2.7
2	15.0	25.0	20.8	78.5	19.436	17.1	25.4	3.5	33.9	1.4
3	15.0	27.0	19.7	85.5	19.660	17.2	0.2	5.4	5.6	4.6
4	16.5	23.0	19.3	88.8	20.069	17.5	0.0	0.0	0.0	0.0
5	17.0	24.0	20.0	86.3	20.343	17.8	0.1	0.9	1.0	1.0
6	17.0	26.0	20.0	87.2	20.429	17.8	0.0	2.9	2.9	2.9
7	17.5	26.0	19.3	90.3	20.424	17.8	0.8	0.0	0.8	1.2
8	16.5	27.5	20.6	82.9	19.757	17.3	0.0	0.0	0.0	7.9
9	15.0	27.5	20.9	82.5	19.932	17.4	0.0	0.0	0.0	8.2
10	17.0	27.0	20.4	82.4	19.658	17.2	0.0	0.0	0.0	6.3
11	16.5	27.5	20.7	79.2	18.730	16.4	0.0	0.0	0.0	7.4
12	17.0	28.0	21.4	78.1	19.427	17.0	0.0	0.0	0.0	5.1
13	17.0	24.5	19.0	91.6	20.286	17.7	0.0	7.0	7.0	2.5
14	16.5	21.0	17.7	92.7	18.783	16.5	1.6	0.0	1.6	0.2
15	15.0	26.0	19.7	77.8	17.312	15.1	0.0	0.0	0.0	5.4
16	14.5	26.5	20.4	78.1	18.335	16.1	0.0	0.0	0.0	4.9
17	15.5	27.0	20.2	82.4	19.191	16.8	0.0	0.0	0.0	4.2
18	16.5	28.5	20.5	81.2	19.336	17.0	0.0	0.0	0.0	6.3
19	16.0	28.0	20.7	79.7	18.817	16.4	0.0	0.0	0.0	6.8
20	16.0	27.0	20.4	81.7	19.296	16.9	0.0	0.0	0.0	5.3
21	16.0	29.0	21.5	77.5	19.080	16.7	0.0	0.0	0.0	8.9
22	16.0	30.0	21.3	77.1	18.716	16.4	0.0	0.0	0.0	8.8
23	14.5	29.0	20.5	77.8	17.920	15.6	0.0	0.0	0.0	8.7
24	15.0	28.0	21.0	79.3	19.018	16.6	0.0	0.0	0.0	7.0
25	15.0	28.0	20.9	77.8	18.488	16.2	0.0	0.0	0.0	8.2
26	15.0	28.5	21.0	73.8	17.490	15.3	0.0	0.0	0.0	8.1
27	15.5	28.6	21.7	75.2	18.548	16.2	0.0	0.0	0.0	7.5
28	15.0	28.5	21.5	73.2	17.665	15.4	0.0	0.0	0.0	8.0
29	16.4	27.5	21.3	78.3	19.070	16.5	0.0	0.0	0.0	4.3
30	15.5	28.0	21.3	75.8	18.122	15.7	0.0	26.8	26.8	3.6
31	18.0	20.5	18.7	92.0	20.024	17.5	6.6	3.4	10.0	0.0
PROM.	16.0	26.7	20.4	81.6	19.139	16.7	34.7	54.9	89.6	157.4

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	25.5	20.5	84.0	20.132	17.6	0.0	0.0	0.0	3.5
2	17.0	27.0	21.1	81.4	19.922	17.4	0.0	0.0	0.0	4.5
3	17.5	27.5	21.6	79.1	20.182	17.6	0.0	0.0	0.0	5.7
4	18.0	26.5	21.0	78.5	19.017	16.6	0.0	0.2	0.2	4.6
5	18.0	23.0	19.4	88.4	20.050	17.5	0.3	0.0	0.3	0.6
6	14.5	27.0	20.1	80.3	18.246	16.0	0.0	0.0	0.0	5.3
7	13.5	27.5	19.9	79.8	17.992	15.8	0.0	0.0	0.0	8.3
8	15.0	27.5	20.2	79.3	17.986	15.7	0.0	0.0	0.0	7.5
9	14.5	27.0	20.2	79.7	18.304	16.0	0.0	0.0	0.0	4.7
10	12.3	28.5	19.1	74.8	15.473	13.2	0.0	0.0	0.0	8.7
11	11.0	29.0	19.4	65.8	13.172	10.2	0.0	0.0	0.0	8.8
12	11.5	29.5	20.2	65.8	14.329	12.0	0.0	0.0	0.0	8.7
13	14.0	29.0	21.8	77.3	19.450	16.9	0.0	0.0	0.0	8.2
14	15.5	29.5	21.4	76.7	18.659	16.2	0.0	0.0	0.0	7.5
15	14.5	32.5	21.3	69.6	16.124	13.8	0.0	0.0	0.0	8.8
16	15.5	30.9	21.7	77.6	19.175	16.7	0.0	0.0	0.0	7.7
17	16.6	30.5	23.0	73.1	19.065	16.5	0.0	0.0	0.0	6.5
18	18.0	29.5	21.8	81.2	21.081	18.3	0.0	0.0	0.0	0.5
19	15.0	29.5	22.5	77.8	20.236	17.5	0.0	0.0	0.0	6.3
20	17.0	29.0	21.8	78.7	19.617	16.9	0.0	0.0	0.0	5.6
21	18.0	22.5	19.5	91.3	21.203	18.5	3.9	0.0	3.9	0.2
22	16.5	30.0	22.6	75.8	19.537	16.8	0.0	0.4	0.4	5.5
23	19.5	31.5	23.0	74.7	19.945	17.1	0.0	0.0	0.0	6.0
24	19.0	25.5	21.4	83.8	21.087	18.3	0.0	0.0	0.0	1.6
25	19.4	25.0	21.2	85.7	21.662	18.8	0.0	0.0	0.0	1.7
26	19.0	29.5	22.6	75.8	20.166	17.5	0.0	0.0	0.0	5.5
27	18.5	30.0	23.3	72.6	19.779	17.1	0.0	0.0	0.0	4.6
28	17.0	29.5	22.1	78.1	20.202	17.6	1.6	0.0	1.6	2.3
PROM.	16.2	28.0	21.2	78.1	18.993	16.4	5.8	0.6	6.4	149.4

ESTACION: BLOSNAY  
 ALTITUD: 1.235

MUNICIPIO: CHINACOTA AÑO: 1.983  
 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	18.0	29.0	22.8	73.0	19.694	17.1	0.0	0.0	0.0	4.5
2	16.0	29.0	21.8	78.0	19.721	17.2	0.0	0.2	0.2	7.4
3	19.0	25.0	21.0	88.5	22.047	19.1	0.0	0.0	0.0	0.4
4	18.0	24.0	20.4	92.3	21.927	19.0	0.0	0.0	0.0	0.4
5	19.5	26.5	21.5	78.4	19.784	17.1	0.0	0.0	0.0	3.1
6	16.0	29.0	22.1	72.7	18.431	15.8	0.0	17.9	17.9	5.1
7	19.0	22.5	20.5	89.9	21.629	18.7	0.0	0.0	0.0	0.0
8	19.0	26.0	21.5	84.0	21.299	18.4	0.0	10.0	10.0	0.4
9	19.0	26.5	21.4	81.4	20.542	17.9	0.9	0.0	0.9	1.5
10	17.0	28.0	22.2	79.3	20.758	18.0	0.0	0.0	0.0	3.1
11	16.6	29.9	22.7	71.3	18.660	16.3	0.0	0.0	0.0	7.1
12	16.5	27.0	22.1	80.7	21.160	18.3	0.0	0.0	0.0	4.4
13	19.0	24.5	20.6	90.2	22.248	19.2	0.3	3.5	3.8	0.4
14	18.0	21.5	19.2	91.5	20.731	18.0	17.4	0.0	17.4	0.0
15	16.5	32.0	22.4	67.5	17.020	14.5	0.0	0.0	0.0	8.2
16	17.0	31.0	23.0	72.5	19.266	16.7	0.0	0.0	0.0	7.2
17	18.0	27.0	21.5	84.2	22.062	19.1	0.3	0.0	0.3	1.0
18	17.4	27.5	22.9	82.8	22.725	19.5	0.0	0.0	0.0	4.3
19	18.0	29.3	23.1	76.2	21.051	18.2	0.0	0.0	0.0	6.8
20	16.0	30.8	22.1	77.4	19.563	17.0	0.0	0.0	0.0	8.0
21	17.5	32.0	23.6	65.9	18.154	15.6	0.0	0.0	0.0	7.7
22	18.0	27.0	22.2	78.7	20.524	17.8	1.3	0.0	1.3	1.8
23	18.5	28.5	23.0	74.5	20.187	17.5	0.0	0.0	0.0	4.6
24	17.0	28.5	22.3	74.5	19.204	16.7	0.0	0.0	0.0	4.8
25	17.5	28.0	22.6	75.4	20.333	17.7	0.0	0.0	0.0	5.0
26	18.5	25.0	20.8	84.4	21.080	18.4	0.3	0.6	0.9	0.8
27	17.0	24.0	20.2	88.1	21.082	18.4	0.0	0.0	0.0	1.5
28	16.0	26.5	20.9	78.7	18.806	16.5	0.0	0.0	0.0	4.7
29	16.0	27.5	21.0	74.1	17.543	15.3	0.0	0.0	0.0	6.1
30	15.5	29.0	22.2	69.2	17.071	14.7	0.0	0.0	0.0	7.4
31	15.0	28.0	22.0	66.3	16.695	14.5	0.0	0.0	0.0	6.0
PROM.	17.4	27.4	21.8	78.8	20.032	17.4	20.5	32.2	52.7	123.7

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	30.0	22.4	72.2	18.609	16.2	0.0	0.0	0.0	6.7
2	20.0	29.5	22.9	73.8	20.171	17.5	0.0	0.0	0.0	3.3
3	20.0	27.0	23.1	74.2	20.711	18.0	0.0	0.0	0.0	2.2
4	20.0	25.5	21.2	93.7	23.592	20.1	0.6	0.0	0.6	1.0
5	19.0	24.5	21.6	85.6	21.920	19.0	0.0	0.0	0.0	0.0
6	18.5	28.5	22.8	73.3	20.053	17.4	0.0	0.0	0.0	1.6
7	17.5	22.5	19.5	92.9	21.393	18.6	7.8	3.7	11.5	0.0
8	18.0	22.0	19.5	93.8	21.127	18.4	0.8	3.0	3.8	0.0
9	18.5	25.0	20.5	88.8	21.461	18.6	9.1	0.3	9.4	0.3
10	18.8	24.0	20.7	93.5	22.748	19.5	1.4	0.0	1.4	0.2
11	20.0	26.5	22.1	83.8	22.167	19.1	28.5	42.4	70.9	1.8
12	19.5	25.5	21.1	89.5	22.475	19.3	9.2	0.6	9.8	2.6
13	18.5	21.0	19.3	95.9	21.439	18.6	28.3	4.0	32.3	0.0
14	19.0	25.0	20.7	86.1	21.226	18.4	5.9	0.3	6.2	1.0
15	20.0	25.5	21.7	85.6	22.227	19.2	0.1	5.4	5.5	1.5
16	16.5	28.0	22.0	81.2	20.974	18.2	0.1	4.8	4.9	4.5
17	19.2	26.0	22.6	85.8	23.264	19.9	1.4	0.0	1.4	2.0
18	18.0	25.5	21.3	88.4	22.745	19.5	1.3	37.3	38.6	0.0
19	19.0	27.5	21.6	82.8	21.296	18.5	0.7	0.5	1.2	2.5
20	19.0	28.5	22.6	76.2	20.422	17.8	0.0	0.0	0.0	7.3
21	20.0	26.5	21.5	84.6	21.907	19.0	9.5	0.4	9.9	0.6
22	17.5	27.5	22.5	82.8	22.118	19.0	0.0	0.0	0.0	5.3
23	19.5	29.0	22.7	79.0	21.569	18.6	0.0	0.0	0.0	5.5
24	18.0	26.5	22.2	77.4	20.317	17.6	0.0	0.0	0.0	6.1
25	17.5	27.5	21.5	81.3	20.562	17.9	0.0	1.2	1.2	5.1
26	17.5	26.0	21.4	86.4	22.166	19.2	0.0	0.0	0.0	3.0
27	16.5	29.0	21.6	78.6	20.450	17.8	15.8	2.1	17.9	4.2
28	16.8	27.5	20.1	91.6	22.181	19.1	10.2	0.0	10.2	3.5
29	16.5	25.5	20.4	84.4	20.174	17.6	0.0	0.0	0.0	0.8
30	17.0	26.5	21.0	85.8	21.645	18.8	0.3	0.0	0.3	3.1
PROM.	18.5	26.4	21.5	84.3	21.438	18.5	131.0	106.0	237.0	75.7

ESTACION: BLONAY

MUNICIPIO: CHINACETA

AÑO: 1.983

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	17.5	26.0	20.7	81.8	20.524	17.9	4.1	0.0	4.1	2.0
2	16.5	25.0	21.0	90.6	22.636	19.5	0.0	0.0	0.0	1.5
3	16.6	28.0	21.9	79.7	20.629	17.9	1.4	0.0	1.4	6.5
4	16.0	25.5	20.0	78.5	18.674	16.4	0.3	0.0	0.3	2.1
5	15.6	28.5	23.3	75.2	20.618	17.8	0.0	0.0	0.0	7.3
6	16.5	27.6	22.2	79.2	20.955	18.3	0.0	0.0	0.0	3.7
7	17.4	27.4	20.9	89.6	22.187	19.1	1.4	0.0	1.4	2.4
8	15.5	28.0	23.3	79.3	22.021	18.9	0.0	0.0	0.0	6.1
9	17.0	28.0	22.3	79.1	21.302	18.4	0.0	0.0	0.0	3.0
10	17.6	27.0	21.4	78.4	20.378	17.8	0.0	0.0	0.0	1.1
11	15.4	27.0	20.9	82.6	20.555	18.0	0.1	0.0	0.1	2.5
12	16.4	27.5	20.1	93.1	22.435	19.3	2.1	0.0	2.1	2.1
13	17.0	27.5	22.0	79.2	20.947	18.2	0.0	0.0	0.0	3.2
14	16.5	30.0	22.2	77.6	19.954	17.3	1.2	0.0	1.2	6.6
15	17.5	28.5	22.6	82.8	22.562	19.4	0.1	17.4	17.5	2.5
16	18.6	27.0	22.2	83.5	22.206	19.1	0.0	0.0	0.0	1.7
17	18.5	26.5	21.4	86.2	22.205	19.2	0.0	0.0	0.0	0.7
18	17.6	28.0	21.7	76.4	20.061	17.5	0.0	0.0	0.0	2.4
19	17.5	26.0	21.3	85.5	21.880	18.9	8.9	4.0	12.9	1.0
20	16.6	24.5	19.8	95.5	22.245	19.2	2.5	0.1	2.6	0.9
21	16.8	23.5	20.3	89.0	21.543	18.7	10.2	0.0	10.2	0.1
22	17.6	22.5	20.0	91.9	21.653	18.8	15.0	0.1	15.1	0.0
23	16.6	23.0	19.6	92.4	21.376	18.6	13.1	1.0	14.1	0.2
24	16.5	28.0	22.0	82.0	21.595	18.7	0.8	0.0	0.8	2.7
25	16.5	28.5	22.6	80.5	21.618	18.7	0.0	0.0	0.0	5.5
26	17.5	27.0	22.3	81.4	21.931	18.9	0.0	0.0	0.0	1.5
27	16.8	28.5	22.9	75.9	20.920	18.1	0.0	0.0	0.0	4.6
28	16.7	25.5	20.8	83.9	20.547	17.9	0.1	0.0	0.1	1.2
29	18.0	26.0	20.6	85.7	21.238	18.5	4.7	0.0	4.7	1.3
30	16.0	28.0	21.6	79.6	20.152	17.5	0.0	0.0	0.0	2.5
31	15.5	31.0	22.1	79.3	20.384	17.7	0.0	0.0	0.0	6.9
PROM.	16.8	26.9	21.5	83.1	21.226	18.4	66.0	22.6	88.6	85.8

## M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	29.0	22.9	77.0	21.024	18.2	0.2	0.0	0.2	2.6
2	16.5	28.5	22.8	77.7	21.035	18.2	0.0	2.3	2.3	5.5
3	16.5	25.5	21.6	86.2	22.222	19.2	0.0	0.0	0.0	1.3
4	16.5	23.0	19.5	93.5	21.621	18.7	3.0	0.0	3.0	0.1
5	16.6	27.6	22.2	78.5	20.565	17.8	0.0	0.0	0.0	2.2
6	16.8	24.5	19.8	89.3	21.123	18.3	2.1	0.0	2.1	4.8
7	16.5	25.5	20.4	88.2	21.332	18.5	0.0	0.0	0.0	1.9
8	15.6	28.0	22.1	79.5	20.590	17.9	3.0	0.0	3.0	6.8
9	16.9	28.0	20.6	84.1	22.018	19.0	0.5	0.0	0.5	3.4
10	16.4	28.5	20.5	82.7	19.983	17.5	12.1	0.1	12.2	3.2
11	16.5	26.5	20.9	87.0	21.702	18.8	5.1	2.0	7.1	2.8
12	15.5	28.0	21.4	81.2	20.231	17.6	0.0	0.0	0.0	6.2
13	16.5	27.0	20.5	83.6	20.156	17.6	0.0	0.0	0.0	3.2
14	15.0	26.5	21.2	82.4	20.488	17.8	0.2	4.9	5.1	1.8
15	15.6	29.0	21.7	78.6	19.803	17.3	3.3	0.0	3.3	8.4
16	17.0	28.6	22.2	79.9	21.119	18.3	0.0	4.9	4.9	6.0
17	17.0	27.5	22.0	82.5	21.338	18.5	0.0	0.0	0.0	6.4
18	16.8	27.5	21.7	83.0	21.425	18.6	0.0	0.0	0.0	6.5
19	15.3	30.6	22.3	74.6	18.688	16.1	0.0	0.0	0.0	8.2
20	16.5	25.5	20.9	79.0	19.754	17.3	0.0	0.0	0.0	2.0
21	16.5	25.5	19.4	85.1	19.489	17.1	24.0	0.0	24.0	1.4
22	14.5	29.0	21.2	73.6	17.786	15.3	0.0	0.0	0.0	6.8
23	14.5	29.0	20.9	69.1	16.532	14.8	0.0	0.0	0.0	2.9
24	15.5	30.0	22.5	67.8	17.286	14.9	0.0	0.0	0.0	7.5
25	15.5	27.0	20.6	86.0	21.184	18.4	5.3	0.0	5.3	2.2
26	15.5	29.5	23.0	71.6	18.719	16.1	0.0	0.0	0.0	6.6
27	15.5	27.5	21.0	80.6	20.045	17.5	0.1	4.1	4.2	6.5
28	16.5	25.0	20.1	85.3	20.370	17.7	2.4	2.5	4.9	2.0
29	14.5	22.3	19.2	93.4	21.025	18.3	3.7	0.0	3.7	0.5
30	15.0	26.5	20.2	82.3	19.229	16.8	3.3	0.2	3.5	5.4
PROM.	16.0	27.2	21.2	81.4	20.277	17.6	65.3	21.0	86.3	125.3

ESTACION: ELONAY  
 ALTITUD: 1.235

MUNICIPIO: CHINACCTA AÑO: 1.983  
 LATITUD: 7-35 N. LONGITUD: 72-36 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %/d	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	26.0	20.5	87.2	21.807	18.9	7.7	0.0	7.7	2.5
2	16.0	25.0	19.8	84.4	19.558	17.1	2.5	0.0	2.5	2.6
3	16.3	27.5	20.7	86.6	21.014	18.2	2.4	0.0	2.4	3.0
4	16.3	25.5	20.6	82.2	19.504	17.0	0.4	2.0	2.4	3.2
5	16.6	24.3	18.4	93.8	20.238	17.7	0.0	0.0	0.0	7.4
6	14.0	26.5	19.0	80.8	18.216	15.9	6.1	26.8	32.9	3.4
7	14.5	27.6	20.5	80.8	19.686	17.2	0.0	0.0	0.0	5.6
8	16.0	25.4	19.8	84.6	19.419	17.0	0.1	0.0	0.1	2.4
9	14.1	27.0	19.0	79.9	17.974	15.8	0.2	0.0	0.2	1.1
10	15.5	25.5	19.0	83.6	18.914	16.6	5.6	0.2	5.6	5.1
11	15.0	27.0	19.0	78.4	17.794	15.6	0.0	1.2	1.2	3.1
12	14.5	28.6	20.6	75.2	17.595	15.3	5.8	0.0	5.8	1.0
13	15.0	24.3	19.3	85.5	18.904	16.5	0.0	0.2	0.2	3.6
14	15.5	25.3	20.2	82.3	19.223	16.9	3.2	6.3	9.5	6.8
15	16.5	25.4	19.5	83.2	19.121	16.8	0.0	0.0	0.0	2.3
16	15.6	26.8	18.4	85.5	19.646	17.2	0.6	0.3	0.9	4.8
17	14.5	28.5	19.3	75.4	16.250	14.1	0.4	0.0	0.4	2.2
18	14.0	24.8	20.9	69.1	16.226	14.1	0.0	0.0	0.0	4.3
19	14.5	27.5	22.1	68.7	16.971	14.6	0.0	0.8	0.8	2.1
20	15.5	27.5	21.2	82.1	19.838	17.3	0.0	0.0	0.0	2.3
21	16.0	27.0	21.6	80.1	19.950	17.4	0.9	0.0	0.9	2.5
22	16.0	28.5	22.0	69.0	17.317	15.2	0.0	0.2	0.2	0.1
23	16.0	27.0	22.3	73.7	18.831	16.5	5.4	0.0	5.4	0.8
24	14.5	27.0	20.6	82.1	19.306	16.8	0.0	0.0	0.0	6.9
25	16.6	26.6	19.5	87.8	19.633	17.2	0.0	0.0	0.0	2.4
26	14.5	25.5	20.5	81.3	19.183	16.8	0.0	0.0	0.0	6.2
27	14.6	26.5	19.6	84.3	19.057	16.7	1.1	0.0	1.1	5.6
28	16.5	27.0	22.0	78.5	19.565	17.3	0.0	23.7	23.7	4.6
29	15.0	26.5	19.3	82.3	18.811	16.5	0.0	0.0	0.0	6.4
30	16.5	25.5	20.0	80.6	18.687	16.4	0.0	0.0	0.0	2.5
31	16.0	28.6	21.6	76.9	18.804	16.5	1.0	3.4	4.4	3.3
PROM.	15.4	26.5	20.3	81.0	18.951	16.6	43.4	65.1	108.5	110.1

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %/d	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	26.0	20.1	83.6	19.487	17.1	0.0	0.8	0.8	5.4
2	15.6	26.5	19.6	83.5	19.173	16.8	0.0	0.0	0.0	3.2
3	13.5	28.0	20.1	79.4	18.454	16.2	18.1	16.7	34.8	3.4
4	14.0	26.0	19.6	83.6	18.859	16.6	0.0	0.0	0.0	1.5
5	14.0	27.5	20.1	81.0	18.860	16.6	0.0	0.0	0.0	3.9
6	16.5	26.6	20.2	83.1	19.780	17.3	1.3	0.9	2.2	4.4
7	16.4	27.5	20.7	81.9	19.813	17.4	0.0	0.0	0.0	7.0
8	17.0	27.5	21.1	80.8	20.008	17.5	6.8	0.0	6.8	5.9
9	15.0	27.5	20.7	74.7	17.725	15.2	0.0	0.0	0.0	2.8
10	14.5	28.3	19.8	80.3	18.627	16.4	0.0	0.0	0.0	5.9
11	14.6	29.5	20.7	73.8	17.354	15.2	0.0	0.0	0.0	7.6
12	13.0	30.0	21.3	67.4	16.002	13.7	0.0	0.0	0.0	6.1
13	14.5	29.0	21.2	72.7	17.884	15.7	0.0	0.0	0.0	7.1
14	15.5	29.5	21.5	76.1	18.870	16.4	2.1	2.0	4.1	7.7
15	15.5	28.5	20.9	79.2	19.169	16.7	0.0	0.0	0.0	4.1
16	17.0	29.5	21.1	71.2	17.535	15.2	0.0	0.0	0.0	5.4
17	15.0	27.5	20.1	68.1	16.075	13.9	0.0	0.0	0.0	2.2
18	15.0	29.0	21.0	72.9	17.766	15.5	0.0	0.0	0.0	3.8
19	15.5	28.5	21.0	76.3	18.778	16.4	2.6	2.3	4.9	3.2
20	16.6	22.5	18.5	93.3	20.289	17.7	7.4	0.0	7.4	0.4
21	16.0	27.0	21.1	77.7	19.594	17.2	0.0	0.5	0.5	2.8
22	16.6	28.0	21.2	75.4	18.420	16.1	0.2	1.0	1.2	3.7
23	15.5	28.0	21.0	76.2	18.549	16.2	0.0	9.3	9.3	6.0
24	16.0	22.0	18.8	94.0	20.635	18.0	1.5	0.0	1.5	0.4
25	15.0	29.0	20.1	75.4	17.050	14.9	2.5	0.0	2.5	4.7
26	15.0	30.0	21.2	69.4	16.413	13.7	0.0	0.0	0.0	7.4
27	14.0	28.0	21.7	76.5	18.927	16.4	0.0	3.2	3.2	7.6
28	16.5	27.5	21.4	79.6	19.822	17.2	0.0	0.8	0.8	2.8
29	16.5	27.0	21.2	79.7	20.012	17.4	0.2	0.0	0.2	1.4
30	16.0	29.0	21.8	71.3	17.787	15.5	0.0	0.0	0.0	7.4
31	15.0	30.0	22.3	74.3	18.921	16.5	0.0	0.0	0.0	8.6
PROM.	15.4	27.8	20.7	77.8	18.603	16.2	42.7	37.5	80.2	143.8

ESTACION: BLONAY

MUNICIPIO: CHINACCTA

AÑO: 1.983

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	15.5	29.3	21.3	77.0	18.993	16.6	2.5	0.2	2.7	5.4
2	16.6	27.4	20.9	78.1	19.491	17.1	2.1	0.0	2.1	3.0
3	15.5	28.6	20.9	71.4	17.622	15.5	0.0	0.0	0.0	5.4
4	14.5	26.5	20.5	88.4	21.137	18.4	0.0	0.0	0.0	5.1
5	14.5	28.5	20.4	77.0	17.891	15.6	2.2	0.3	2.5	3.6
6	15.5	25.5	20.5	84.5	20.489	17.9	0.0	0.0	0.0	1.6
7	15.5	29.5	21.3	72.2	18.222	16.0	0.2	0.0	0.2	6.5
8	16.0	24.0	19.5	85.1	19.720	17.5	3.3	0.0	3.3	0.0
9	13.0	25.0	20.0	80.1	18.759	16.5	0.0	0.0	0.0	3.1
10	14.0	27.5	20.3	80.4	18.869	16.4	9.8	0.0	9.8	4.1
11	14.6	28.0	21.0	77.7	18.630	16.2	0.0	0.0	0.0	5.6
12	16.5	27.5	20.5	78.5	18.492	16.2	0.0	0.0	0.0	3.6
13	15.0	27.0	20.2	79.5	18.366	16.0	0.0	0.0	0.0	3.8
14	15.0	27.5	20.3	79.0	18.456	16.1	1.4	0.0	1.4	4.0
15	14.4	28.5	22.3	73.7	18.766	16.2	0.0	2.4	2.4	5.7
16	15.0	26.5	18.7	84.2	18.381	16.2	4.7	0.0	4.7	1.7
17	14.5	27.6	21.5	74.2	18.389	16.1	0.0	0.0	0.0	4.7
18	15.5	28.5	20.0	79.2	17.741	15.5	0.7	0.0	0.7	4.0
19	14.5	29.0	20.8	75.2	18.386	16.1	0.0	0.2	0.2	3.8
20	15.5	28.5	21.1	74.5	18.210	15.9	0.0	1.5	1.5	4.8
21	15.0	27.5	20.4	77.4	18.388	16.1	0.0	5.4	5.4	5.0
22	15.5	28.0	21.4	75.7	18.747	16.4	0.1	1.0	1.1	4.7
23	15.5	29.6	21.8	74.0	18.464	15.8	0.0	0.0	0.0	5.1
24	16.5	28.5	21.6	74.3	18.918	16.5	0.4	0.0	0.4	4.3
25	15.4	29.6	20.6	71.6	16.304	14.1	0.0	0.0	0.0	3.5
26	14.5	31.0	22.1	70.3	16.887	14.3	0.0	0.0	0.0	6.9
27	15.0	30.5	21.7	76.5	19.165	16.8	0.0	0.0	0.0	7.5
28	15.5	30.0	20.9	76.2	18.491	16.2	0.0	0.0	0.0	2.2
29	14.5	29.5	21.5	78.0	19.097	16.6	0.0	0.0	0.0	5.3
30	15.5	27.5	20.8	75.0	18.247	15.9	0.0	0.0	0.0	2.2
PROM.	15.1	28.1	20.8	77.3	18.591	16.2	27.4	11.0	38.4	126.4

## 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	15.5	30.6	22.7	68.5	18.211	15.6	0.0	0.0	0.0	5.9
2	16.0	30.5	21.8	75.0	18.867	16.3	0.0	0.0	0.0	4.1
3	16.0	22.0	17.9	94.2	19.955	17.4	2.7	0.0	2.7	0.0
4	14.5	27.0	19.6	77.4	17.704	15.5	0.0	0.0	0.0	3.1
5	14.5	29.6	21.3	67.2	16.549	14.3	0.0	0.0	0.0	3.5
6	14.0	31.0	20.8	68.3	15.401	13.1	0.0	0.0	0.0	8.3
7	14.0	29.0	20.1	78.3	18.463	16.2	0.0	0.2	0.2	3.4
8	14.5	27.5	20.1	81.8	19.057	16.7	0.0	0.0	0.0	3.0
9	16.0	24.5	18.0	95.2	19.403	17.0	0.5	0.0	0.5	2.2
10	16.0	30.0	22.5	71.9	18.753	16.2	0.0	0.0	0.0	3.7
11	14.5	31.6	21.2	74.0	18.175	15.9	8.8	0.0	8.8	4.7
12	15.5	26.5	20.2	82.0	19.288	16.8	0.2	0.0	0.2	1.7
13	15.5	28.5	21.0	77.4	18.541	16.2	0.6	0.6	1.2	3.5
14	15.6	25.5	20.0	82.1	18.928	16.6	2.7	0.0	2.7	0.0
15	16.0	27.0	19.7	82.3	19.052	16.7	72.1	27.0	99.1	3.3
16	16.5	22.0	18.2	95.4	20.274	17.7	7.4	2.0	9.4	0.3
17	17.0	26.0	20.5	81.8	19.371	17.0	1.9	20.0	21.9	4.2
18	14.0	26.5	20.4	82.5	19.644	17.2	3.0	6.7	9.7	5.2
19	16.0	26.5	21.3	80.2	19.800	17.3	0.0	2.5	2.5	5.1
20	17.5	24.4	19.8	80.3	18.649	16.3	0.3	0.0	0.3	0.6
21	15.5	26.5	20.5	79.8	18.824	16.5	0.0	3.3	3.3	5.8
22	15.0	26.0	21.8	82.6	21.468	18.5	0.0	0.9	0.9	2.5
23	15.5	26.5	21.5	83.4	20.938	18.1	0.0	0.0	0.0	5.5
24	16.5	24.5	22.0	76.4	19.287	16.8	0.0	0.0	0.0	7.5
25	15.4	25.5	19.5	82.2	19.044	16.7	0.2	0.0	0.2	0.0
26	15.0	26.6	20.2	78.9	18.524	16.3	0.0	0.0	0.0	5.0
27	15.5	27.8	21.5	75.6	19.168	16.8	0.0	0.0	0.0	5.9
28	15.0	27.0	20.6	83.8	19.517	17.0	0.7	6.0	6.7	3.3
29	15.5	25.0	20.7	85.4	20.774	18.1	0.0	0.0	0.0	1.6
30	15.3	26.0	20.5	82.9	19.904	17.4	0.0	0.6	0.6	2.7
31	17.4	24.5	19.0	90.9	20.318	17.7	1.4	2.2	3.6	2.1
PROM.	15.5	27.0	20.5	80.5	19.093	16.6	102.5	72.0	174.5	107.7

ESTACION: ELONAY

MUNICIPIO: CHINACCTA

AÑO:

1.983

ALTITUD: 1.235

LATITUD: 7-35 N.

LONGITUD: 72-36 W.

## M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	23.0	19.0	87.7	19.179	16.8	0.0	0.0	0.0	3.1
2	14.0	27.5	20.2	78.9	18.175	15.9	0.0	0.0	0.0	6.8
3	14.5	27.5	21.1	79.6	19.720	17.2	0.0	0.0	0.0	5.7
4	15.5	28.5	21.2	78.0	19.564	17.1	0.0	0.0	0.0	3.5
5	14.5	28.0	20.5	79.1	18.756	16.5	0.0	0.0	0.0	7.6
6	14.5	29.0	20.4	77.9	17.888	15.6	0.0	0.0	0.0	2.8
7	15.6	28.0	21.7	80.7	20.211	17.5	0.0	0.0	0.0	6.7
8	14.5	28.5	22.0	78.0	19.681	17.0	0.0	0.0	0.0	7.6
9	14.5	28.5	21.7	82.1	21.126	18.3	0.6	19.7	20.3	6.6
10	14.0	28.0	20.5	78.8	18.776	16.4	0.0	0.0	0.0	5.8
11	15.5	27.5	21.8	77.5	19.569	16.9	0.5	17.4	17.9	6.9
12	14.5	27.8	20.5	80.1	18.691	16.3	0.0	0.0	0.0	7.5
13	14.5	26.3	20.0	85.6	20.249	17.7	28.1	0.0	28.1	4.6
14	14.5	27.5	21.6	82.3	20.483	17.7	0.0	0.0	0.0	6.9
15	14.5	26.5	20.0	81.0	18.795	16.4	4.4	0.0	4.4	6.6
16	14.5	27.5	19.5	80.4	18.103	15.9	0.0	0.0	0.0	2.5
17	14.5	26.0	19.3	85.6	19.344	17.0	3.7	0.0	3.7	1.6
18	16.5	26.5	20.6	84.2	20.401	17.8	0.0	0.0	0.0	1.8
19	14.5	27.6	20.0	75.2	16.812	14.6	0.0	0.0	0.0	5.2
20	14.5	30.0	20.3	75.7	17.182	15.0	0.0	0.0	0.0	8.5
21	14.5	29.5	20.4	74.4	16.925	14.7	0.0	0.0	0.0	7.5
22	13.5	27.5	20.2	77.3	17.851	15.6	0.0	0.0	0.0	3.5
23	14.0	28.5	20.2	74.6	16.904	14.8	0.0	0.0	0.0	7.7
24	14.5	26.0	20.0	84.1	19.428	17.0	0.0	0.0	0.0	5.9
25	14.4	24.0	18.8	84.9	18.555	16.3	0.0	3.0	3.0	3.0
26	15.5	29.5	21.8	69.5	17.374	15.0	0.0	0.0	0.0	4.6
27	15.5	29.5	21.9	74.0	18.499	16.1	0.0	0.0	0.0	6.4
28	15.5	25.3	19.8	80.0	18.370	16.1	0.0	0.0	0.0	1.5
29	16.5	26.5	20.5	83.0	19.767	17.2	3.4	0.0	3.4	4.4
30	14.6	26.0	20.4	80.5	19.006	16.7	0.2	19.1	19.3	4.4
PROM.	14.7	27.4	20.5	79.7	18.846	16.4	40.9	59.2	100.1	156.9

## M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	23.0	19.4	84.4	19.106	16.7	0.0	0.0	0.0	0.8
2	13.5	25.5	19.8	79.2	17.720	15.4	0.0	0.0	0.0	4.4
3	14.6	27.0	20.4	75.3	17.709	15.5	0.3	0.0	0.3	3.5
4	16.3	23.6	19.7	88.4	20.278	17.7	0.0	0.0	0.0	0.3
5	16.0	24.0	19.2	86.6	19.383	17.0	0.1	9.6	9.7	2.5
6	15.5	23.5	18.4	91.2	19.623	17.2	0.1	8.6	8.7	1.6
7	14.6	23.0	18.7	83.6	18.148	16.0	0.1	0.0	0.1	0.9
8	15.0	24.5	19.3	84.0	18.668	16.4	0.0	14.7	14.7	4.5
9	16.6	22.0	18.3	87.6	18.950	16.6	3.9	0.0	3.9	0.8
10	15.0	22.8	19.1	87.9	19.314	16.9	6.5	4.5	11.0	2.2
11	16.0	22.6	19.0	90.6	19.799	17.3	0.0	0.0	0.0	0.0
12	14.5	25.0	20.4	83.9	19.961	17.4	0.0	0.0	0.0	3.2
13	14.5	25.5	19.2	84.5	18.670	16.4	2.0	0.0	2.0	3.8
14	15.0	23.0	19.5	88.9	20.313	17.8	0.0	0.0	0.0	1.5
15	16.5	25.5	18.9	87.1	19.395	17.0	2.0	0.0	2.0	1.7
16	15.5	24.4	20.0	86.4	20.211	17.6	0.0	0.0	0.0	2.0
17	14.5	25.0	19.4	84.3	19.012	16.7	0.0	0.0	0.0	4.0
18	16.5	27.0	20.4	80.0	19.190	16.8	0.0	0.2	0.2	4.0
19	15.0	25.5	20.0	82.9	18.958	16.6	0.0	0.0	0.0	5.8
20	14.5	27.0	20.3	79.1	18.248	15.9	0.0	0.0	0.0	5.3
21	14.5	26.5	20.1	80.5	18.869	16.6	0.0	0.0	0.0	8.2
22	14.0	25.5	18.8	84.2	18.269	16.1	0.0	0.0	0.0	6.2
23	13.5	27.0	19.6	79.6	17.559	15.4	0.0	0.0	0.0	8.4
24	14.0	27.0	19.6	79.0	17.391	15.2	0.0	0.0	0.0	8.0
25	13.5	28.0	20.3	76.4	17.415	15.2	0.0	0.0	0.0	8.0
26	15.0	27.0	20.8	78.1	18.845	16.4	0.0	0.0	0.0	2.9
27	15.0	26.5	19.1	78.6	17.113	15.0	0.0	0.0	0.0	4.3
28	15.0	24.0	17.5	81.2	16.786	14.8	0.0	0.0	0.0	1.9
29	11.6	27.0	18.3	74.8	14.806	12.5	0.0	0.0	0.0	6.7
30	13.0	26.5	19.1	75.6	15.717	13.5	0.0	0.0	0.0	7.6
31	14.0	24.9	19.5	84.3	18.727	16.4	0.0	0.0	0.0	6.6
PROM.	14.8	25.1	19.4	82.8	18.521	16.2	15.0	37.6	52.6	123.9

ESTACION: BLONAY

MUNICIPIO CHINACOTA

AÑO: 1.983

ALTITUD: 1.235

LATITUD: 7-35 N.

LONGITUD: 72-36 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	16.0	26.7	20.4	14.5	30.0	81.6	19.139	16.7	89.6	9	157.4
FEBRERO	16.2	28.0	21.2	11.0	32.5	78.1	18.993	16.4	6.4	5	149.4
MARZO	17.4	27.4	21.8	15.0	32.0	78.8	20.032	17.4	52.7	9	123.7
ABRIL	18.5	26.4	21.5	16.5	30.0	84.3	21.438	18.5	237.0	19	75.7
MAYO	16.8	26.9	21.5	15.4	31.0	83.1	21.226	18.4	88.6	16	85.8
JUNIO	16.0	27.2	21.2	14.5	30.6	81.4	20.277	17.6	86.3	16	125.3
JULIO	15.4	26.5	20.3	14.0	28.6	81.0	18.951	16.6	108.5	21	110.1
AGOSTO	15.4	27.8	20.7	13.0	30.0	77.8	18.603	16.2	80.2	15	143.8
SEPTIEMBRE	15.1	28.1	20.8	13.0	31.0	77.3	18.591	16.2	38.4	15	126.4
OCTUBRE	15.5	27.0	20.5	14.0	31.6	80.5	19.093	16.6	174.5	19	107.7
NOVIEMBRE	14.7	27.4	20.5	13.5	30.0	79.7	18.346	16.4	100.1	8	156.9
DICEMBRE	14.8	25.1	19.4	11.6	28.0	82.8	18.521	16.2	52.6	10	123.9
PROMEDIO	16.0	27.0	20.8	13.8	30.4	80.5	19.476	16.9			
TOTAL									1114.9	162	1486.1

ESTACION: MARACAY

MUNICIPIO: QUIMBAYA

AÑO: 1.983

ALTITUD: 1.450

LATITUD: 4-36 N.

LONGITUD: 75-46 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	28.0	21.7	75.1	20.335	17.7	0.0	13.5	13.5	7.8
2	16.0	26.8	20.7	80.3	19.577	17.1	0.0	2.9	2.9	5.2
3	17.0	26.9	20.7	82.8	20.161	17.6	0.4	0.0	0.4	3.5
4	17.0	25.0	20.2	85.0	20.349	17.8	6.1	0.1	6.2	1.2
5	16.0	26.0	20.8	85.2	20.662	18.0	0.0	0.2	0.2	1.0
6	16.0	26.5	21.4	78.2	19.966	17.5	0.0	0.0	0.0	5.0
7	15.5	28.5	21.0	81.8	20.334	17.7	1.2	0.0	1.2	6.7
8	16.5	28.0	21.3	85.2	21.512	18.7	0.0	0.0	0.0	6.2
9	16.3	28.6	23.8	83.1	20.153	17.6	0.0	0.0	0.0	6.4
10	16.5	30.0	23.3	77.4	21.663	18.8	0.0	0.2	0.2	8.0
11	17.8	29.0	22.4	80.1	21.652	18.8	0.0	0.0	0.0	7.3
12	17.5	26.1	20.6	88.9	21.913	18.9	1.0	0.0	1.0	1.2
13	17.0	28.8	22.2	78.6	20.853	18.2	0.0	0.0	0.0	8.2
14	16.5	29.0	21.9	81.0	21.115	18.4	0.0	0.0	0.0	7.1
15	17.5	29.5	22.8	80.3	21.855	18.9	0.0	0.0	0.0	8.0
16	16.5	29.5	22.2	75.6	21.151	18.4	0.1	0.3	0.4	7.2
17	16.6	30.0	22.5	78.5	21.056	18.3	0.0	0.0	0.0	7.7
18	16.5	30.0	22.5	77.2	20.777	18.1	0.0	0.0	0.0	6.1
19	16.5	29.5	21.8	80.4	20.708	18.0	0.0	0.0	0.0	6.9
20	16.5	28.0	22.0	81.1	21.165	18.4	0.0	0.0	0.0	6.7
21	16.5	29.5	21.7	75.3	19.482	17.1	0.0	0.0	0.0	9.2
22	16.5	31.0	22.3	77.8	20.678	18.0	0.0	0.0	0.0	7.0
23	16.5	30.5	22.4	78.2	20.546	18.2	0.0	0.0	0.0	8.4
24	16.5	30.0	22.8	76.4	20.966	18.3	0.0	0.0	0.0	8.1
25	16.0	30.0	22.0	79.5	20.472	17.9	0.0	0.0	0.0	7.8
26	16.5	29.0	22.9	78.0	21.305	18.5	0.0	0.0	0.0	4.1
27	19.0	26.5	21.4	88.1	22.819	19.6	9.2	0.1	9.3	3.0
28	18.5	29.0	23.0	82.8	22.863	19.6	3.5	2.2	5.7	7.8
29	18.5	28.0	21.6	81.8	23.707	20.2	0.0	0.0	0.0	3.3
30	16.5	30.0	23.1	74.8	20.684	18.0	0.0	2.1	2.1	7.6
31	17.0	26.0	21.6	84.4	21.798	18.9	5.1	0.0	5.1	1.8
PROM.	16.7	28.5	21.9	81.0	21.056	18.3	26.6	21.6	48.2	185.5

## 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	16.4	29.2	23.3	76.0	21.298	18.5	0.0	0.0	0.0	7.5
2	17.0	29.0	23.0	77.7	21.635	18.8	0.0	0.0	0.0	5.2
3	17.5	31.0	24.5	72.6	21.665	18.8	0.0	0.0	0.0	8.6
4	16.5	29.4	22.1	82.0	21.670	18.8	0.0	0.0	0.0	6.1
5	18.4	27.5	20.8	84.8	21.114	18.4	40.2	19.6	59.8	2.4
6	18.0	28.5	22.2	79.4	20.759	18.1	0.0	0.8	0.8	5.8
7	16.5	25.5	19.9	83.6	19.901	17.4	0.0	3.8	3.8	3.5
8	16.5	26.6	20.9	79.9	19.464	17.1	0.0	0.0	0.0	6.5
9	17.0	29.0	22.6	77.7	20.899	18.2	0.0	0.0	0.0	6.7
10	18.4	29.5	22.5	77.5	20.672	18.0	0.0	0.0	0.0	6.9
11	17.0	27.5	22.8	76.5	20.935	18.2	0.0	0.0	0.0	4.1
12	18.0	29.0	22.4	78.5	20.810	18.1	0.0	0.0	0.0	6.8
13	16.0	29.5	22.3	73.1	19.152	16.8	0.0	0.0	0.0	8.8
14	16.0	29.5	22.8	74.6	20.385	17.7	0.0	0.0	0.0	7.3
15	16.0	29.9	22.7	72.8	19.861	17.3	0.0	0.0	0.0	8.1
16	16.5	28.8	22.3	76.7	20.383	17.8	0.0	0.0	0.0	6.1
17	17.0	29.0	22.8	78.7	21.509	18.6	0.9	0.5	1.4	5.9
18	17.0	28.5	22.9	81.7	22.505	19.3	0.0	0.0	0.0	2.7
19	16.0	30.0	21.4	84.8	21.501	18.6	4.9	0.0	4.9	8.5
20	16.5	31.0	22.8	74.2	19.766	17.3	0.0	0.0	0.0	9.5
21	17.1	26.0	22.1	84.3	22.148	19.1	0.0	0.0	0.0	3.4
22	16.6	30.5	23.9	71.1	20.942	18.2	0.0	0.0	0.0	6.1
23	17.5	29.5	23.1	80.9	22.352	19.3	0.0	0.0	0.0	4.7
24	17.0	28.4	23.3	80.7	22.815	19.6	0.0	0.0	0.0	4.0
25	18.0	30.0	23.6	77.0	22.126	19.1	0.0	0.0	0.0	5.0
26	17.0	30.0	24.4	70.8	20.448	17.9	0.0	0.0	0.0	6.6
27	17.0	30.0	22.3	77.8	20.406	17.8	0.0	0.0	0.0	6.7
28	16.8	29.5	22.0	83.6	22.085	19.1	2.9	0.0	2.9	3.7
PROM.	17.0	29.0	22.6	78.2	21.043	18.3	48.9	24.7	73.6	167.2

ESTACION: MARACAY

MUNICIPIO: QUIMBAYA

AÑO: 1.983

ALTITUD: 1.450

LATITUD: 4-36 N.

LONGITUD: 75-46 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	28.5	22.6	84.9	22.696	19.5	0.0	0.0	0.0	2.1
2	19.0	29.0	22.1	83.0	22.107	19.1	0.0	0.0	0.0	5.2
3	18.0	27.3	22.9	78.5	21.652	18.8	0.0	0.0	0.0	1.6
4	17.0	29.0	22.1	80.9	21.520	18.7	4.1	0.0	4.1	4.5
5	16.6	28.2	22.7	79.5	21.854	18.9	0.0	1.2	1.2	4.5
6	17.6	26.9	22.2	85.0	22.500	19.4	0.0	17.5	17.5	0.7
7	17.5	26.0	21.3	85.5	22.494	19.4	9.6	0.0	9.6	0.3
8	18.0	26.4	20.4	90.1	21.751	18.8	21.5	21.3	42.8	2.7
9	18.0	27.5	20.2	86.3	20.839	18.2	27.2	0.0	27.2	3.5
10	17.0	23.2	20.0	90.9	21.500	18.6	5.5	0.2	5.7	0.0
11	17.0	27.4	22.2	82.4	21.413	18.6	0.0	0.0	0.0	4.6
12	18.0	28.5	22.8	82.4	22.643	19.5	0.0	0.0	0.0	6.0
13	16.4	29.0	22.5	79.1	20.949	18.3	0.0	0.0	0.0	6.0
14	17.8	25.0	21.3	89.2	22.700	19.0	0.0	0.0	0.0	0.5
15	17.0	28.5	22.2	80.7	21.563	18.7	0.0	16.8	16.8	6.6
16	18.5	29.5	22.5	80.6	22.363	19.3	0.0	0.0	0.0	7.4
17	18.0	28.0	20.9	88.5	22.554	19.4	21.3	0.0	21.3	3.1
18	15.5	27.0	21.9	82.8	21.403	18.5	0.0	0.0	0.0	3.9
19	17.5	29.5	22.7	75.0	20.365	17.8	0.0	0.0	0.0	7.3
20	18.5	28.5	22.6	77.5	20.882	18.2	0.0	0.0	0.0	4.8
21	16.3	28.5	23.0	79.4	22.070	19.0	0.0	0.0	0.0	2.4
22	17.5	29.5	23.3	75.2	20.866	18.1	0.0	0.0	0.0	7.1
23	17.5	28.5	23.1	81.3	22.597	19.4	2.2	1.3	3.5	4.8
24	17.0	27.0	20.8	87.2	21.994	19.0	20.3	20.7	47.0	2.4
25	18.0	23.2	19.0	95.2	21.212	18.4	3.3	0.5	3.8	0.5
26	17.1	26.0	20.5	86.6	20.713	18.0	30.3	53.0	83.3	4.8
27	16.2	26.5	19.8	84.1	19.445	17.1	0.0	0.0	0.0	5.6
28	16.3	28.5	21.9	79.8	21.336	18.6	0.0	0.0	0.0	6.4
29	16.2	28.5	20.0	86.6	20.903	18.2	7.2	0.6	7.8	5.0
30	16.5	27.0	21.5	77.8	19.569	17.2	0.0	0.0	0.0	6.5
31	16.1	28.1	23.2	76.7	21.568	18.7	0.0	0.0	0.0	8.4
PROM.	17.3	27.6	21.8	83.1	21.554	18.7	152.5	139.1	291.6	130.0

## M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	27.5	22.2	76.0	19.943	17.4	0.0	0.0	0.0	6.7
2	15.5	28.4	21.5	77.6	20.285	17.7	1.8	0.0	1.8	5.1
3	16.9	27.7	21.6	80.7	20.899	18.2	4.7	0.0	4.7	4.7
4	17.0	27.0	22.7	81.6	21.928	18.9	0.0	0.0	0.0	1.2
5	17.5	28.5	21.8	83.9	22.453	19.3	0.8	14.1	14.9	4.6
6	18.0	25.5	20.5	87.4	21.287	18.5	7.5	0.0	7.5	1.7
7	17.5	22.1	18.0	97.6	20.224	17.7	34.8	0.0	34.8	0.0
8	16.5	27.2	21.2	83.6	20.928	18.2	0.0	9.4	9.4	4.3
9	16.0	23.5	20.0	87.7	20.377	17.8	17.4	2.5	19.9	0.0
10	16.5	27.6	21.8	78.4	20.063	17.6	0.2	29.8	30.0	6.6
11	17.0	23.5	18.7	95.7	20.852	18.2	3.0	0.1	3.1	0.7
12	15.8	27.4	21.0	80.9	19.801	17.3	0.0	40.1	40.1	6.4
13	18.5	21.5	19.2	95.6	21.558	18.7	7.8	2.8	10.6	0.4
14	18.0	23.5	19.5	93.9	21.380	18.6	0.0	0.0	0.0	0.1
15	17.0	27.1	21.6	83.4	21.519	18.6	0.1	9.0	9.1	6.5
16	17.4	24.5	20.0	92.4	21.840	18.9	0.0	0.0	0.0	0.5
17	15.5	26.3	20.2	94.4	22.728	19.5	8.1	8.4	16.5	3.9
18	17.9	23.1	19.2	96.4	21.962	19.0	11.6	0.5	12.3	1.6
19	18.0	27.0	21.9	83.2	22.965	19.0	0.0	0.0	0.0	5.6
20	17.0	26.5	21.6	85.0	22.328	19.3	0.3	1.6	1.9	3.3
21	18.0	23.5	20.1	88.4	21.111	18.4	19.8	3.6	23.4	0.2
22	16.1	25.2	20.1	86.3	20.150	17.6	0.0	0.0	0.0	3.1
23	16.3	28.0	23.2	76.2	21.805	18.9	0.0	22.9	22.9	5.0
24	17.0	26.0	20.1	83.5	19.680	17.2	3.2	0.0	3.2	1.1
25	17.0	27.2	19.9	86.0	20.178	17.6	17.4	0.3	17.7	3.0
26	18.0	25.0	22.0	87.1	22.900	19.6	20.7	1.3	22.0	0.1
27	17.5	25.1	21.1	86.7	21.735	18.8	0.0	1.3	1.3	0.3
28	17.2	24.5	18.8	86.6	18.974	16.7	1.3	0.0	1.3	0.0
29	16.5	25.6	18.8	88.6	19.560	17.2	2.0	13.3	15.3	5.2
30	16.0	25.6	20.5	86.2	20.650	18.0	0.0	6.8	6.8	2.9
PROM.	17.0	25.7	20.6	86.4	21.037	18.3	162.7	167.8	330.5	84.8

ESTACION: MARACAY  
 ALTITUD: 1.450

MUNICIPIO: QUIMBAYA  
 LATITUD: 4-36 N.

AÑO: 1.983  
 LONGITUD: 75-46 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	26.5	20.7	83.4	20.357	17.8	17.9	0.1	18.0	0.0
2	16.0	27.0	20.9	84.9	21.245	18.5	3.1	0.0	3.1	3.0
3	16.0	26.3	21.5	81.5	21.257	18.5	0.0	0.0	0.0	4.9
4	17.5	26.0	20.8	84.0	21.015	18.3	0.0	0.0	0.0	1.1
5	17.0	27.5	21.2	81.3	20.843	18.2	0.0	7.3	7.3	5.1
6	16.5	25.5	20.9	84.3	21.027	18.3	1.3	0.1	1.4	3.3
7	18.0	25.1	20.6	89.7	22.221	19.2	1.7	0.1	1.8	0.8
8	17.0	27.2	21.2	78.3	19.656	17.2	0.0	0.0	0.0	6.7
9	16.5	28.5	21.2	83.5	21.854	18.9	23.4	1.2	24.6	6.3
10	17.0	28.0	22.8	83.6	22.962	19.7	0.0	0.0	0.0	7.3
11	17.5	27.5	21.3	82.7	21.548	18.7	0.0	0.6	0.6	5.9
12	17.0	27.5	21.1	82.7	20.622	18.0	22.1	0.0	22.1	0.0
13	16.0	27.2	21.0	83.3	20.805	18.1	0.3	0.0	0.3	6.6
14	16.1	26.5	21.7	77.4	20.452	17.6	0.2	26.5	26.7	4.8
15	17.0	26.1	21.0	87.9	22.458	19.4	3.3	21.9	25.2	3.8
16	16.0	25.1	20.3	92.0	22.450	19.3	16.3	0.0	16.3	2.0
17	14.0	26.0	20.0	86.1	20.224	17.6	8.7	152.5	161.2	5.0
18	16.0	23.4	19.3	91.5	20.855	18.2	13.0	0.0	13.0	0.4
19	17.5	25.5	20.5	87.5	21.445	18.6	0.0	0.0	0.0	1.7
20	17.0	25.5	20.5	86.4	21.250	18.5	4.2	0.1	4.3	2.1
21	16.5	27.0	19.8	85.5	20.375	17.6	10.0	10.0	20.0	5.4
22	16.0	27.1	20.7	81.5	20.051	17.6	0.0	33.4	33.4	5.6
23	15.5	27.0	22.4	79.0	21.038	18.3	0.0	13.9	13.9	4.6
24	15.8	27.5	23.2	82.2	23.108	19.8	0.0	0.0	0.0	0.0
25	17.1	27.0	22.0	77.8	21.098	18.3	0.0	14.3	14.3	4.1
26	17.5	25.8	20.6	86.5	21.589	18.7	0.0	1.4	1.4	1.7
27	16.5	25.0	21.0	83.6	21.062	18.3	0.1	0.5	0.6	1.4
28	18.5	21.5	19.9	94.9	21.908	19.0	6.8	3.2	10.0	0.0
29	17.0	25.5	20.6	83.8	20.455	17.8	0.0	0.0	0.0	4.2
30	16.5	28.6	22.8	78.9	22.488	19.4	0.0	0.0	0.0	6.7
31	17.0	28.4	22.0	73.3	20.053	17.5	0.0	0.0	0.0	7.0
PROM.	16.6	26.4	21.1	83.8	21.221	18.4	132.4	287.1	419.5	111.7

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	25.9	21.5	85.5	21.670	18.8	0.2	0.0	0.2	2.2
2	17.0	26.5	20.9	87.5	21.951	19.0	10.4	0.1	10.5	4.2
3	17.5	24.0	20.4	93.3	22.392	19.3	21.9	3.0	24.9	0.6
4	16.0	23.8	20.9	86.7	21.374	18.6	0.0	6.0	6.0	0.5
5	17.5	24.4	20.3	87.1	20.945	18.2	15.4	0.0	15.4	2.7
6	16.0	25.5	20.7	83.2	20.601	18.0	0.4	0.0	0.4	0.0
7	16.5	25.6	20.6	81.5	20.078	17.5	0.0	40.0	40.0	5.3
8	17.5	21.4	18.4	93.9	20.120	17.6	8.7	0.2	8.9	0.2
9	13.5	26.0	20.8	80.4	19.920	17.4	0.0	0.0	0.0	8.8
10	14.4	27.0	21.2	82.1	20.209	17.6	0.0	0.0	0.0	5.0
11	17.5	24.5	20.1	87.1	20.680	18.0	0.8	0.0	0.8	2.0
12	13.6	26.8	20.6	79.1	18.798	16.5	0.0	0.0	0.0	7.1
13	17.5	26.3	21.1	85.3	21.527	18.7	3.4	0.0	3.4	3.8
14	17.0	27.5	22.4	82.5	22.356	19.3	0.0	0.0	0.0	7.6
15	16.5	27.5	22.6	80.8	22.449	19.3	0.0	0.0	0.0	6.1
16	17.5	27.0	22.6	81.1	21.973	19.0	0.0	0.0	0.0	4.9
17	18.0	25.4	20.5	83.4	20.557	17.9	0.0	0.0	0.0	3.3
18	18.0	27.5	20.2	72.6	17.780	15.6	0.0	0.0	0.0	7.5
19	16.0	27.5	21.5	81.1	20.650	18.0	0.0	0.0	0.0	6.6
20	17.0	25.5	21.1	84.5	21.324	18.5	0.0	0.0	0.0	0.0
21	15.8	25.5	22.7	77.4	21.067	18.2	0.0	0.0	0.0	7.5
22	16.0	28.7	22.6	77.0	21.263	18.5	0.0	0.0	0.0	6.6
23	16.7	27.8	21.8	80.0	20.860	18.1	0.0	0.0	0.0	5.5
24	16.7	27.0	21.5	74.4	19.540	17.1	0.0	0.0	0.0	7.9
25	13.1	27.8	21.9	70.3	18.318	16.1	0.0	0.0	0.0	0.0
26	17.5	26.6	20.8	81.4	19.832	17.4	0.0	0.0	0.0	0.0
27	16.5	28.6	22.4	73.7	19.560	17.1	0.0	0.0	0.0	5.3
28	15.5	25.8	20.8	87.0	21.348	18.5	1.0	0.0	1.0	0.0
29	16.0	25.9	21.4	83.1	21.059	18.3	0.0	0.0	0.0	3.0
30	15.5	26.0	21.0	78.1	19.586	17.2	0.0	0.0	0.0	3.9
PROM.	16.3	26.3	21.2	82.0	20.661	18.0	62.2	49.3	111.5	

ESTACION: MARACAY

MUNICIPIO: QUIMBAYA

AÑO: 1.983

ALTITUD: 1.450

LATITUD: 4-36 N.

LONGITUD: 75-46 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	25.4	21.0	77.6	19.249	16.8	0.0	0.0	0.0	3.2
2	16.0	26.5	20.9	81.7	20.233	17.7	0.0	0.0	0.0	5.2
3	16.0	27.6	21.8	74.8	19.445	17.1	0.0	0.0	0.0	4.7
4	16.0	26.8	21.0	77.8	19.802	17.3	1.7	0.2	1.9	3.3
5	15.4	25.8	21.4	74.6	19.001	16.7	0.0	0.0	0.0	3.6
6	15.0	27.5	22.0	70.6	19.076	16.7	0.0	1.0	1.0	8.1
7	17.0	27.8	22.1	72.7	18.956	16.6	0.4	2.7	3.1	6.9
8	17.5	26.2	21.0	76.4	19.271	16.9	0.0	15.9	15.9	5.5
9	16.0	24.5	19.9	77.9	18.080	15.9	0.3	3.2	3.5	1.5
10	15.5	25.4	19.7	73.4	16.954	15.0	0.0	0.0	0.0	5.9
11	15.5	25.4	19.7	77.2	17.531	15.4	2.1	1.1	3.2	5.9
12	15.0	27.0	22.2	63.3	16.447	14.2	0.0	0.0	0.0	9.9
13	16.4	29.3	23.6	62.8	18.304	15.9	0.0	0.0	0.0	9.8
14	15.5	26.6	22.4	70.5	19.104	16.8	0.0	0.0	0.0	6.7
15	15.5	26.4	22.2	72.6	19.995	17.5	0.0	0.0	0.0	4.3
16	16.5	26.4	22.4	77.7	20.948	18.2	0.0	0.5	0.5	5.8
17	15.2	26.3	20.5	76.5	18.651	16.4	0.0	0.0	0.0	5.3
18	15.0	29.0	22.8	66.5	18.527	16.3	0.0	0.0	0.0	8.0
19	15.3	29.5	22.1	78.6	21.149	18.3	1.3	0.0	1.3	4.3
20	17.5	29.9	24.7	62.2	18.906	16.4	0.0	0.0	0.0	9.2
21	17.5	28.5	22.8	75.5	20.882	18.2	0.0	0.0	0.0	4.8
22	17.5	25.0	19.5	88.7	20.446	17.8	29.0	1.0	30.0	1.1
23	16.0	25.3	20.6	88.7	21.901	18.9	0.0	0.0	0.0	2.9
24	14.8	29.5	23.4	61.1	16.540	14.2	0.0	0.0	0.0	9.3
25	14.0	29.8	24.8	53.7	16.344	14.1	0.0	0.0	0.0	10.7
26	14.8	28.4	22.3	63.1	17.165	15.1	0.0	0.0	0.0	9.8
27	14.0	25.3	21.3	76.4	19.112	16.8	0.0	0.0	0.0	4.2
28	14.3	26.5	21.8	80.1	20.845	18.2	0.0	0.0	0.0	4.9
29	17.0	29.0	22.0	80.1	21.060	18.3	0.0	0.0	0.0	6.7
30	17.0	25.7	20.9	85.4	21.327	18.5	1.0	0.1	1.1	1.5
31	17.5	26.8	22.1	79.9	21.455	18.6	0.0	0.0	0.0	2.6
PROM.	15.9	27.1	21.8	74.1	19.250	16.6	35.8	25.7	61.5	175.6

## 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	16.0	27.5	22.2	78.2	20.784	18.1	0.0	0.0	0.0	6.8
2	16.8	26.3	19.9	86.4	20.293	17.7	7.6	0.2	7.8	5.6
3	16.0	26.3	21.0	82.9	20.739	18.1	0.0	0.0	0.0	5.4
4	14.6	27.0	21.5	78.5	19.859	17.4	0.0	0.2	0.2	4.9
5	17.0	25.5	20.0	87.4	20.952	18.3	7.0	0.0	7.0	2.7
6	14.6	25.5	20.3	84.3	20.142	17.6	0.0	0.0	0.0	5.3
7	17.0	29.5	22.2	71.9	19.179	16.7	0.0	0.0	0.0	9.3
8	14.5	27.7	22.4	69.0	18.832	16.5	0.0	0.0	0.0	9.1
9	14.0	30.0	24.0	57.8	16.810	14.5	0.0	0.0	0.0	7.4
10	16.3	29.6	23.4	54.6	14.757	12.6	0.0	0.0	0.0	9.3
11	13.0	29.2	23.1	66.2	18.106	15.9	0.0	0.0	0.0	10.0
12	16.3	27.2	19.0	90.3	19.945	17.4	18.4	0.0	18.4	5.5
13	14.5	30.6	23.6	74.4	21.324	18.5	0.0	0.0	0.0	10.0
14	15.0	31.3	24.8	54.7	15.670	13.4	0.0	0.0	0.0	10.7
15	16.2	29.0	25.0	64.2	19.304	16.8	0.0	0.0	0.0	6.2
16	16.9	30.7	25.0	65.3	19.881	17.3	0.0	0.0	0.0	7.0
17	16.5	30.0	24.8	64.8	19.840	17.0	0.0	0.0	0.0	9.2
18	17.2	26.6	21.2	81.9	20.565	17.9	0.8	0.1	0.9	2.0
19	16.0	26.8	21.0	80.3	20.230	17.7	0.0	0.0	0.0	1.6
20	14.9	30.4	20.6	80.0	19.669	17.2	10.0	0.0	10.0	7.8
21	16.0	28.0	21.5	81.7	20.928	18.2	0.0	0.0	0.0	6.6
22	16.6	30.5	24.3	65.9	19.069	16.4	0.0	0.0	0.0	8.8
23	18.0	28.9	22.4	78.6	21.573	18.7	0.0	0.0	0.0	6.6
24	18.0	26.0	20.6	85.4	21.197	18.4	0.0	0.0	0.0	2.4
25	16.0	28.0	21.6	80.8	20.853	18.1	0.0	0.7	0.7	4.6
26	17.0	25.6	20.9	86.6	21.564	18.7	0.0	0.0	0.0	2.8
27	15.6	27.5	20.6	84.0	20.291	17.7	5.7	0.2	5.9	5.4
28	17.3	23.4	19.2	91.8	20.551	17.9	1.6	0.0	1.6	0.9
29	16.8	25.0	20.5	84.8	20.372	17.8	0.0	0.0	0.0	2.0
30	15.7	27.0	20.4	80.1	18.858	16.6	0.0	0.0	0.0	4.3
31	15.3	29.0	21.8	76.3	20.180	17.7	1.0	0.0	1.0	8.0
PROM.	16.0	27.9	21.9	76.4	19.753	17.2	52.1	1.4	53.5	188.4

ESTACION: MARACAY

MUNICIPIO: GLIMBAYA

AÑO:

1983

ALTITUD: 1.450

LATITUD: 4-36 N.

LONGITUD: 75-46 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	28.0	21.0	85.3	21.504	18.6	3.7	1.0	4.7	5.0
2	17.5	28.3	21.3	83.2	21.368	18.6	0.5	0.1	0.6	5.2
3	17.5	28.2	20.8	80.4	20.225	17.7	0.2	0.0	0.2	1.9
4	15.7	27.6	20.2	87.0	20.805	18.1	0.1	0.0	0.1	6.9
5	17.0	25.8	20.2	86.3	20.976	18.2	2.2	17.2	19.4	4.3
6	17.0	24.7	19.4	90.8	20.639	18.0	1.8	7.8	9.6	1.9
7	16.6	26.3	21.7	78.1	20.175	17.0	0.0	0.0	0.0	4.1
8	14.0	26.0	20.0	81.6	19.227	16.9	23.1	0.1	23.2	5.9
9	15.5	26.3	20.5	81.8	19.986	17.5	0.0	0.0	0.0	4.2
10	15.0	25.8	20.7	80.0	20.250	17.7	0.0	0.0	0.0	1.7
11	14.4	25.6	20.9	76.1	18.425	16.2	0.0	0.0	0.0	2.5
12	15.7	27.5	21.6	77.4	19.821	17.3	0.0	0.0	0.0	5.7
13	16.5	27.3	20.8	80.2	20.131	17.6	0.6	0.0	0.6	6.4
14	16.7	27.2	20.2	85.0	20.503	17.9	12.2	0.0	12.2	3.5
15	15.0	25.9	20.4	80.4	19.045	16.7	0.0	2.5	2.5	3.7
16	16.5	25.9	18.8	90.3	20.214	17.6	9.4	0.0	9.4	4.3
17	17.0	25.0	19.4	86.1	19.848	17.4	16.2	0.0	16.2	3.7
18	15.5	27.8	19.3	82.8	18.777	16.5	10.0	0.0	10.0	6.6
19	15.5	26.8	21.0	80.7	20.055	17.0	0.0	0.0	0.0	6.4
20	17.2	27.0	21.2	79.3	19.835	17.4	0.0	0.0	0.0	5.6
21	16.5	27.3	22.1	76.2	20.345	17.7	0.0	10.9	10.9	5.7
22	16.5	25.6	19.2	87.7	19.771	17.3	1.4	0.0	1.4	4.0
23	15.5	28.8	21.5	79.0	20.355	17.8	0.0	0.3	0.3	7.8
24	16.7	27.4	21.6	81.0	20.544	17.9	0.0	0.0	0.0	4.9
25	15.5	29.3	22.7	75.4	20.137	17.6	0.0	0.0	0.0	8.6
26	15.5	27.5	20.8	79.2	19.955	17.5	4.0	0.0	4.0	7.2
27	15.0	25.5	21.7	80.1	20.875	18.2	5.1	0.0	5.1	8.9
28	16.5	26.5	20.0	86.4	20.185	17.6	0.0	0.0	0.0	2.6
29	16.6	25.9	21.4	81.2	21.005	18.2	0.0	0.0	0.0	8.8
30	16.0	27.5	21.3	80.3	20.421	17.8	0.0	0.0	0.0	3.8
PROM.	16.1	27.0	20.7	82.0	20.185	17.6	90.5	39.9	130.4	151.6

## 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	15.5	26.5	22.1	79.3	20.568	18.0	0.0	0.0	0.0	3.8
2	16.3	26.5	21.1	81.5	20.595	17.9	2.4	0.2	2.6	7.8
3	14.0	25.5	19.7	86.4	20.184	17.6	4.5	1.4	5.9	4.9
4	15.6	28.8	21.3	81.9	20.686	18.0	0.0	0.0	0.0	5.9
5	17.0	26.5	21.4	80.3	20.502	17.9	0.0	0.0	0.0	5.2
6	16.0	29.9	22.3	67.9	18.460	16.1	0.0	0.0	0.0	5.5
7	15.2	25.6	20.8	84.1	20.610	18.0	0.0	0.0	0.0	6.1
8	14.6	27.0	21.3	75.1	18.874	16.6	0.0	11.4	11.4	5.3
9	16.7	26.8	20.9	76.8	18.939	16.6	0.0	0.0	0.0	6.1
10	17.2	27.5	20.2	85.3	19.999	17.5	0.0	0.0	0.0	4.7
11	16.7	25.0	19.8	87.1	20.652	18.0	2.2	0.0	2.2	1.7
12	14.5	27.5	20.5	82.1	19.770	17.3	1.7	19.8	21.5	3.4
13	16.4	25.0	19.7	85.7	19.695	17.3	0.2	0.0	0.2	3.2
14	15.0	23.3	19.0	89.2	19.789	17.3	0.6	3.1	3.7	6.4
15	15.0	22.0	18.1	89.0	18.798	16.5	9.6	0.2	9.8	6.4
16	14.4	25.0	18.7	86.3	18.808	16.5	0.6	0.0	0.6	1.7
17	13.5	27.5	19.5	80.5	18.053	15.9	0.0	0.0	0.0	7.8
18	14.8	28.5	21.6	71.2	18.347	16.1	0.0	3.8	3.8	5.9
19	16.5	24.5	18.8	85.3	19.020	16.7	9.6	0.1	9.7	0.4
20	14.6	26.9	21.1	83.7	20.852	18.1	0.4	7.9	8.3	6.4
21	15.0	25.5	20.5	75.5	18.906	16.6	0.0	0.0	0.0	4.5
22	13.5	28.3	20.0	77.3	18.048	15.9	2.6	17.1	19.7	6.1
23	15.6	26.8	21.0	80.5	20.278	17.7	0.0	0.0	0.0	6.4
24	14.8	26.2	20.6	78.3	19.374	17.0	0.5	0.0	0.5	4.4
25	16.3	22.0	18.5	94.0	20.400	17.8	5.5	0.9	6.4	6.5
26	14.0	25.9	20.3	83.2	19.837	17.4	0.9	0.0	0.9	7.1
27	16.0	25.0	17.8	97.0	19.936	17.4	37.0	0.0	37.0	1.8
28	15.6	24.2	19.4	87.1	20.055	17.5	4.7	12.6	17.3	1.5
29	15.5	23.0	18.9	92.4	20.416	17.8	4.1	10.0	14.1	0.3
30	15.6	20.6	17.6	96.9	19.780	17.3	15.0	0.0	15.0	0.1
31	15.0	27.0	20.7	83.3	20.393	17.8	2.6	0.0	2.6	6.5
PROM.	15.4	25.8	20.1	83.5	19.700	17.2	104.7	88.5	193.2	6.5

ESTACION: MARACAY

MUNICIPIO: QUILIMAYA

AÑO: 1982

ALTITUD: 1.450

LATITUD: 4-36 N.

LONGITUD: 75-46 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	15.2	28.0	21.2	80.8	20.091	17.6	0.0	2.6	2.6	4.4
2	16.5	26.5	21.1	82.9	20.740	18.1	9.5	10.0	19.5	5.4
3	17.0	27.0	20.9	80.5	19.989	17.5	0.0	0.0	0.0	5.4
4	16.0	27.0	20.3	86.2	21.061	18.3	25.1	0.0	25.1	5.2
5	16.0	27.5	20.8	82.5	20.316	17.7	0.5	0.0	0.5	5.5
6	15.8	25.5	19.3	92.6	20.760	18.1	25.2	0.0	25.2	2.9
7	15.0	26.3	20.7	85.1	20.501	17.9	1.0	0.0	1.0	5.9
8	16.5	22.6	19.3	93.3	21.032	18.3	0.0	0.0	0.0	0.0
9	15.0	26.5	20.3	84.9	20.320	17.7	0.0	0.0	0.0	7.2
10	16.7	24.0	19.0	91.8	20.504	17.9	3.0	0.0	3.0	2.9
11	14.0	24.3	19.9	81.3	18.780	16.5	0.0	1.5	1.5	4.5
12	15.6	25.6	20.5	85.0	20.543	17.9	0.0	0.0	0.0	4.6
13	14.6	27.7	20.9	78.7	19.361	17.0	0.0	12.2	12.2	6.3
14	14.0	26.6	20.3	80.1	19.088	16.8	0.0	17.6	17.6	7.4
15	14.6	26.9	20.1	82.4	19.373	17.0	0.0	0.7	0.7	4.2
16	16.0	26.9	20.7	82.3	20.085	17.6	0.0	0.0	0.0	5.8
17	16.0	25.8	18.0	92.9	15.285	16.9	34.9	0.2	35.1	2.9
18	13.6	25.7	19.9	86.3	20.182	17.6	0.0	0.0	0.0	7.5
19	15.2	27.7	21.4	83.9	21.428	18.6	9.8	0.0	9.8	7.8
20	15.2	26.8	20.7	83.1	20.434	17.8	0.0	0.0	0.0	3.3
21	16.2	26.4	20.4	83.6	20.453	17.8	1.6	0.3	1.9	4.2
22	17.7	26.6	21.1	81.7	20.826	18.2	0.6	0.0	0.6	4.3
23	15.2	26.7	20.4	81.5	19.712	17.3	1.6	4.1	5.7	5.0
24	15.6	24.2	19.0	88.9	19.993	17.5	24.4	0.0	24.4	5.3
25	14.0	26.7	19.9	78.4	18.530	16.3	0.5	0.0	0.5	7.3
26	14.6	27.4	21.0	82.8	20.380	17.8	0.0	12.4	12.4	6.3
27	13.5	26.1	20.2	86.8	20.589	17.9	2.8	23.2	26.0	7.2
28	16.7	23.5	18.6	91.0	20.175	17.6	8.5	5.3	13.8	0.4
29	16.0	26.0	19.3	87.1	19.853	17.4	0.0	4.2	4.2	4.2
30	16.0	23.0	18.4	91.5	15.876	17.4	1.5	0.0	1.5	0.4
PROM.	15.5	26.1	20.1	85.0	20.142	17.6	150.5	94.3	244.8	143.7

## M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	24.9	19.0	82.2	18.283	16.1	0.0	0.0	0.0	4.3
2	15.5	25.7	19.5	85.3	19.511	17.1	0.6	0.6	1.2	5.3
3	16.2	24.4	18.9	88.2	19.531	17.2	9.9	10.1	20.0	2.6
4	15.0	21.1	18.4	90.7	19.204	16.8	4.0	2.0	6.0	0.0
5	15.0	23.6	18.9	92.1	20.008	17.5	0.9	17.1	18.0	1.3
6	15.6	23.5	18.8	89.7	19.909	17.4	8.5	0.9	9.4	2.5
7	16.0	25.1	19.0	82.1	18.283	16.1	27.2	0.2	27.4	7.7
8	15.0	25.7	18.9	83.2	18.253	16.0	0.0	0.0	0.0	4.4
9	14.5	23.1	18.5	88.2	19.042	16.7	0.0	10.3	10.3	2.2
10	14.6	22.7	18.2	88.8	18.820	16.5	0.1	0.0	0.1	1.0
11	14.0	25.0	19.6	79.7	18.510	16.3	1.0	5.3	6.3	4.7
12	15.0	26.5	19.1	82.7	18.422	16.2	1.7	0.1	1.8	5.9
13	14.0	25.3	19.2	86.0	19.119	16.8	10.5	0.0	10.5	4.2
14	15.0	24.6	19.1	87.1	19.476	17.1	0.0	0.0	0.0	2.1
15	14.5	25.5	20.0	81.6	18.948	16.6	0.0	0.0	0.0	4.4
16	14.2	24.3	19.3	87.2	19.337	17.0	0.0	20.7	20.7	2.6
17	16.4	23.1	18.4	92.7	15.682	17.2	9.9	0.0	9.9	1.0
18	13.5	26.1	20.6	77.4	18.545	16.3	0.0	9.9	9.9	6.1
19	15.0	26.5	20.2	80.0	18.684	16.4	0.0	2.2	2.2	7.2
20	15.7	23.3	18.8	90.2	19.704	17.3	2.0	0.0	2.0	2.7
21	16.0	26.5	20.5	84.4	20.449	17.9	0.0	0.0	0.0	4.9
22	15.3	26.4	20.2	80.3	19.151	16.8	0.0	3.2	3.2	4.7
23	15.2	25.1	19.9	83.8	19.324	17.0	0.0	0.0	0.0	4.3
24	15.1	26.7	19.2	83.2	18.761	16.5	14.2	0.0	14.2	5.5
25	15.0	27.4	21.1	78.7	19.540	17.1	0.0	0.0	0.0	6.2
26	15.2	24.0	18.7	86.1	19.071	16.7	9.3	0.0	9.3	0.7
27	13.0	24.9	19.3	79.5	17.659	15.6	0.0	0.0	0.0	5.3
28	14.1	26.5	20.7	81.6	19.844	17.3	0.0	0.0	0.0	7.1
29	16.0	25.0	19.7	83.8	19.591	17.2	2.6	2.3	4.9	2.7
30	15.5	24.0	18.2	88.7	19.110	16.8	19.6	0.0	19.6	1.8
31	15.3	24.8	18.8	85.7	18.997	16.7	1.0	18.3	19.3	4.3
PROM.	15.0	24.9	19.3	84.9	19.122	16.8	123.0	103.2	226.2	119.7

ESTACION: MARACAY

MUNICIPIO QUIMBAYA

AÑO: 1.983

ALTITUD: 1.450

LATITUD: 4-36 N.

LONGITUD: 75-46 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.7	28.5	21.9	14.4	31.0	81.0	21.056	18.3	48.2	13	185.5
FEBRERO	17.0	29.0	22.6	16.0	31.0	78.2	21.043	18.3	73.6	6	167.2
MARZO	17.3	27.6	21.8	15.5	29.5	83.1	21.554	18.7	291.6	14	130.0
ABRIL	17.0	25.7	20.6	15.5	28.5	86.4	21.037	18.3	330.5	24	84.8
MAYO	16.6	26.4	21.1	14.0	28.6	83.8	21.221	18.4	419.5	22	111.7
JUNIO	16.3	26.3	21.2	13.1	29.5	82.0	20.661	18.0	111.5	11	
JULIO	15.9	27.1	21.8	14.0	29.9	74.1	19.250	16.8	61.5	10	175.6
AGOSTO	16.0	27.9	21.9	13.0	31.3	76.4	19.753	17.2	53.5	10	188.4
SEPTIEMBRE	16.1	27.0	20.7	14.0	29.9	82.0	20.185	17.6	130.4	18	151.8
OCTUBRE	15.4	25.8	20.1	13.5	29.9	83.5	19.700	17.2	193.2	21	
NOVIEMBRE	15.5	26.1	20.1	13.5	28.0	85.0	20.142	17.6	244.8	23	143.7
DICIEMBRE	15.0	24.9	19.3	13.0	27.4	84.9	19.122	16.8	226.2	22	119.7
PROMEDIO	16.2	26.9	21.1	14.1	29.5	81.7	20.394	17.8			
TOTAL									2184.5	194	

ESTACION: LA BELLA  
 ALTITUD: 1.450

MUNICIPIO: CALARCA AÑO: 1.983  
 LATITUD: 4-31 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	16.4	25.6	20.7	79.8	19.447	17.0	0.0	0.0	0.0	7.5
2	17.3	26.2	20.4	84.0	20.158	17.6	37.7	13.2	50.9	6.8
3	17.2	25.0	21.3	82.2	20.648	18.0	0.0	0.0	0.0	3.8
4	18.5	24.5	20.7	85.8	21.296	18.5	0.0	0.0	0.0	0.0
5	17.3	25.3	20.6	85.7	20.725	18.0	0.0	0.0	0.0	1.1
6	16.6	25.0	20.0	84.7	19.602	17.2	0.0	0.0	0.0	3.4
7	17.3	25.5	21.0	84.1	20.765	18.1	0.0	0.0	0.0	6.3
8	18.0	27.5	20.9	79.9	19.627	17.1	0.0	0.0	0.0	4.4
9	16.0	28.1	22.2	77.6	19.921	17.4	0.0	0.0	0.0	7.5
10	17.3	26.1	22.1	78.8	20.596	17.9	0.0	0.4	0.4	6.0
11	17.0	26.4	21.7	84.4	21.931	19.0	0.0	0.0	0.0	4.4
12	18.0	25.3	21.5	88.0	22.580	19.4	0.0	0.2	0.2	5.0
13	17.1	25.4	21.1	81.1	20.132	17.6	0.0	0.0	0.0	1.5
14	17.0	27.3	21.2	78.0	19.328	17.0	0.0	0.0	0.0	6.8
15	17.3	28.1	22.4	79.0	21.262	18.4	0.0	0.0	0.0	6.4
16	18.0	28.0	22.7	79.0	21.479	18.6	0.0	0.0	0.0	6.4
17	17.0	28.3	22.7	73.1	19.373	17.0	0.0	0.0	0.0	7.8
18	16.4	27.0	22.7	77.6	20.500	17.8	0.0	0.0	0.0	5.8
19	16.5	28.4	22.7	70.8	18.165	15.8	0.0	0.0	0.0	8.4
20	16.5	26.9	23.2	80.1	21.680	18.8	0.0	0.0	0.0	5.4
21	16.0	27.5	22.6	79.1	21.073	18.3	0.0	0.0	0.0	8.2
22	16.3	29.0	22.8	77.4	20.743	18.1	0.0	0.0	0.0	7.0
23	16.5	28.8	22.7	74.9	19.966	17.5	0.0	0.0	0.0	6.6
24	16.0	29.0	22.7	72.3	19.022	16.7	0.0	0.0	0.0	8.1
25	15.5	28.3	22.3	74.8	19.345	16.9	0.0	0.0	0.0	7.3
26	16.6	27.5	22.0	79.4	20.668	18.0	0.0	0.0	0.0	4.4
27	18.6	25.4	21.3	87.2	21.836	18.9	0.0	1.6	1.6	2.4
28	18.2	28.0	22.5	77.8	20.621	18.0	2.0	0.0	2.0	5.9
29	19.0	27.3	22.1	79.5	21.114	18.4	0.0	0.0	0.0	4.8
30	19.0	28.4	22.9	73.2	20.290	17.6	0.0	53.0	53.0	6.4
31	18.0	26.0	21.5	86.0	21.792	18.9	4.4	0.0	4.4	1.0
PROM.	17.2	26.9	21.8	79.8	20.506	17.9	44.1	68.4	112.5	168.6

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	28.5	22.2	78.0	20.356	17.8	0.0	0.0	0.0	5.2
2	17.0	27.3	22.6	80.1	21.671	18.7	0.0	0.0	0.0	5.1
3	17.0	29.3	23.3	74.1	20.505	17.8	0.0	0.0	0.0	7.5
4	17.5	27.0	21.0	84.5	20.822	18.1	1.9	0.0	1.9	4.6
5	17.7	26.0	21.4	84.5	21.277	18.4	0.0	6.2	6.2	3.1
6	17.4	27.0	21.2	83.1	20.620	18.0	0.2	30.8	31.0	5.2
7	16.6	25.5	19.1	87.4	19.645	17.2	2.0	18.7	20.7	3.1
8	16.0	26.5	20.0	85.5	19.658	17.2	0.6	0.0	0.6	4.4
9	16.5	27.5	21.7	78.1	19.845	17.3	0.0	0.0	0.0	6.9
10	17.5	27.0	21.4	81.9	20.631	18.0	5.2	0.0	5.2	4.8
11	16.5	27.0	21.7	77.2	19.494	17.1	0.0	0.0	0.0	5.4
12	18.0	26.6	22.0	82.2	21.291	18.5	0.0	0.0	0.0	4.5
13	16.0	27.8	22.1	75.6	19.329	16.9	0.0	0.0	0.0	8.7
14	16.0	28.0	22.3	75.3	19.305	16.9	0.0	0.0	0.0	7.4
15	16.0	28.5	21.9	70.3	17.909	15.7	0.0	0.0	0.0	7.6
16	16.5	28.1	22.1	80.6	20.781	18.1	0.0	0.0	0.0	6.3
17	17.0	27.5	22.5	79.8	21.040	18.3	0.0	0.0	0.0	5.8
18	17.5	27.5	21.8	86.1	22.086	19.0	0.0	1.5	1.5	3.4
19	17.0	27.9	23.4	72.1	20.121	17.6	0.0	0.0	0.0	8.3
20	16.6	31.0	22.9	76.9	20.805	18.1	0.0	0.0	0.0	8.2
21	16.5	25.5	22.1	83.9	21.804	18.8	0.0	0.2	0.2	2.5
22	18.0	29.5	23.7	77.8	22.246	19.2	0.0	0.0	0.0	8.2
23	17.5	28.0	23.4	79.1	21.875	18.9	0.0	0.0	0.0	5.5
24	18.0	27.0	22.6	81.9	21.875	18.9	0.0	0.0	0.0	3.4
25	18.5	29.5	23.3	78.0	21.524	18.7	0.0	0.0	0.0	4.2
26	17.1	27.3	23.0	78.5	21.207	18.4	0.0	0.0	0.0	4.3
27	17.0	29.4	22.9	76.6	20.478	17.9	0.0	0.0	0.0	7.4
28	18.0	30.0	23.3	78.7	21.952	19.0	0.0	0.2	0.2	6.5
PROM.	17.1	27.8	22.2	79.6	20.720	18.0	9.9	57.6	67.5	157.5

ESTACION: LA BELLA

MUNICIPIO: CALARCA

AÑO: 1.983

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	18.5	27.0	23.4	81.8	22.847	19.6	0.0	0.0	0.0	3.2
2	19.0	28.0	20.7	86.8	21.563	18.7	2.1	4.2	6.3	3.1
3	18.6	27.1	22.6	80.1	21.471	18.6	0.0	0.0	0.0	2.6
4	18.2	28.0	20.8	80.6	20.182	17.6	2.6	0.0	2.6	4.8
5	17.4	27.3	22.4	77.6	20.755	18.1	0.5	0.0	0.5	4.9
6	17.8	25.6	21.8	82.4	21.220	18.4	0.0	23.6	23.6	0.6
7	17.5	24.8	20.4	91.3	21.651	18.8	11.5	0.0	11.5	0.8
8	18.0	25.5	20.5	90.3	21.701	18.8	3.4	6.7	10.1	2.1
9	18.0	27.5	20.5	88.7	21.576	18.7	1.5	0.0	1.5	3.0
10	18.0	22.8	19.5	91.4	21.299	18.5	8.8	0.0	8.8	0.0
11	17.0	26.5	22.0	81.9	20.869	18.2	0.0	0.0	0.0	3.8
12	18.6	27.5	23.1	80.9	22.402	19.3	0.0	0.0	0.0	6.6
13	17.7	27.6	22.5	83.9	22.321	19.2	0.0	1.6	1.6	4.9
14	17.5	25.5	21.1	90.4	22.129	19.1	0.7	0.0	0.7	1.5
15	17.0	28.0	22.5	81.7	21.537	18.6	0.0	0.2	0.2	5.0
16	18.6	28.3	23.4	80.1	22.380	19.3	0.0	0.0	0.0	6.5
17	18.0	26.5	20.4	88.7	21.723	18.8	37.2	0.0	37.2	3.1
18	15.5	27.0	21.8	79.9	20.042	17.5	0.0	0.0	0.0	4.5
19	17.5	25.0	23.2	76.8	21.086	18.4	0.0	0.0	0.0	6.9
20	18.0	28.1	23.6	74.7	21.923	19.0	0.0	0.0	0.0	5.6
21	17.0	27.0	22.1	83.2	21.711	18.7	0.0	0.0	0.0	1.9
22	17.5	28.0	22.7	78.6	21.015	18.3	0.0	0.0	0.0	7.3
23	18.5	27.5	22.3	80.8	21.448	18.6	0.0	0.0	0.0	4.9
24	18.0	27.0	20.7	85.6	21.132	18.4	16.0	3.9	19.9	3.0
25	18.0	21.0	18.7	95.1	20.666	18.0	6.7	0.4	7.1	0.0
26	17.5	20.4	18.6	91.7	19.813	17.3	3.0	13.5	16.5	0.8
27	17.0	26.0	20.9	83.8	20.463	17.9	0.0	0.0	0.0	4.7
28	16.6	27.0	20.8	81.2	19.609	17.2	2.0	0.0	2.0	5.6
29	16.0	27.3	20.2	85.4	20.568	18.0	1.6	0.0	1.6	5.8
30	16.4	27.3	22.4	72.5	19.408	17.0	0.0	0.0	0.0	5.6
31	17.2	28.5	22.9	73.9	20.086	17.5	0.0	0.0	0.0	8.1
PROM.	17.6	26.6	21.6	83.3	21.183	18.4	97.6	54.1	151.7	121.2

## 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	17.6	28.0	22.8	78.4	21.221	18.5	0.0	0.0	0.0	5.4
2	16.5	28.0	21.4	80.7	20.193	17.6	0.0	0.0	0.0	5.9
3	17.6	27.0	21.9	81.5	21.444	18.6	0.5	0.0	0.5	5.0
4	16.5	26.0	22.2	84.0	21.848	18.9	0.0	0.0	0.0	1.6
5	17.5	27.5	21.0	84.9	21.162	18.4	8.5	2.7	11.2	3.2
6	18.0	23.0	19.7	95.5	21.766	18.8	28.6	0.0	28.6	0.6
7	17.6	22.0	18.5	95.4	20.519	17.9	31.2	0.0	31.2	0.1
8	16.5	26.0	21.1	86.4	21.080	18.3	0.0	20.2	20.2	1.4
9	17.4	22.3	19.9	88.7	20.380	17.8	10.6	5.7	16.3	0.0
10	17.0	27.3	20.3	84.7	20.053	17.5	20.1	49.9	70.0	6.3
11	17.0	23.0	19.5	92.2	20.737	18.0	0.0	0.0	0.0	0.6
12	15.5	26.5	21.3	82.1	20.278	17.7	0.0	0.3	0.3	5.0
13	17.7	22.5	19.6	96.8	21.901	18.9	13.6	11.4	25.0	0.0
14	17.6	24.5	20.0	89.6	20.643	18.0	1.6	0.0	1.6	0.7
15	17.5	27.0	21.4	85.5	21.562	18.6	4.2	8.6	12.8	6.6
16	18.0	24.0	20.5	87.6	20.959	18.2	0.1	0.0	0.1	0.6
17	17.0	25.1	20.8	83.7	20.760	18.1	0.0	2.2	2.2	3.8
18	17.6	22.5	19.0	93.4	20.821	18.1	11.3	2.8	14.1	0.5
19	15.5	25.5	20.5	85.1	20.081	17.5	0.0	0.0	0.0	5.8
20	17.6	26.5	22.0	76.6	20.143	17.6	0.0	1.5	1.5	4.0
21	17.1	23.0	20.1	86.9	20.557	17.9	0.0	5.6	5.6	1.1
22	16.5	24.6	20.7	86.4	20.627	17.9	0.0	0.0	0.0	3.1
23	16.7	26.7	19.8	85.3	20.152	17.6	0.0	45.2	45.2	3.5
24	16.0	25.0	21.1	84.8	20.959	18.2	0.7	0.0	0.7	4.6
25	16.0	27.5	22.0	78.8	20.601	18.0	0.0	0.9	0.9	4.8
26	18.5	24.0	20.9	90.4	22.439	19.3	0.3	8.2	8.5	0.6
27	18.0	26.0	21.9	83.2	21.408	18.6	0.0	0.1	0.1	1.4
28	18.5	22.0	19.8	92.1	21.125	18.4	0.1	0.2	0.3	0.5
29	17.0	26.0	21.0	83.8	20.490	17.9	0.1	20.7	20.8	6.2
30	17.0	25.0	20.4	87.2	20.788	18.1	0.9	3.1	4.0	2.2
PROM.	17.2	25.1	20.7	86.4	20.890	18.2	132.4	189.3	321.7	85.3

ESTACION: LA BELLA

MUNICIPIO: CALARCA

AÑO: 1.963

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	17.4	26.0	21.1	89.3	22.252	19.2	5.2	0.4	5.6	4.3
2	17.6	26.0	20.3	85.6	20.615	18.0	2.7	0.1	2.8	2.5
3	17.5	25.5	21.9	83.6	21.441	18.6	0.0	0.4	0.4	4.0
4	18.0	26.0	21.3	85.1	21.263	18.5	0.7	0.0	0.7	1.6
5	18.5	26.5	21.7	81.9	21.231	18.4	0.0	6.2	6.2	3.5
6	18.5	25.6	21.3	91.0	22.722	19.5	2.8	0.0	2.8	2.8
7	18.0	25.0	21.4	89.3	22.933	19.7	1.6	0.0	1.6	0.2
8	16.5	26.9	21.6	83.1	20.977	18.2	0.2	0.0	0.2	5.4
9	17.5	27.5	21.5	82.2	21.048	18.3	0.0	1.8	1.8	5.6
10	18.5	27.0	22.6	83.1	22.443	19.3	0.0	0.1	0.1	5.4
11	18.0	26.5	22.6	81.4	21.934	19.0	0.0	0.7	0.7	4.7
12	19.5	26.1	22.7	81.8	22.658	19.5	0.0	0.0	0.0	2.7
13	17.0	26.3	21.7	83.1	21.070	18.3	0.0	0.0	0.0	6.2
14	17.5	26.0	21.7	81.9	21.099	18.3	0.1	0.0	0.1	4.0
15	18.5	26.5	22.0	85.4	22.577	19.4	0.0	73.8	73.8	4.4
16	18.0	24.0	20.6	89.4	21.536	18.7	0.2	0.0	0.2	2.7
17	15.5	25.0	20.6	85.1	20.147	17.6	0.0	58.9	58.9	3.5
18	17.0	22.3	19.7	93.2	21.262	18.5	15.7	1.6	17.3	0.6
19	17.5	24.0	20.7	85.0	20.413	17.8	0.0	0.0	0.0	0.5
20	17.5	24.2	20.1	92.3	21.507	18.7	3.4	0.0	3.4	1.2
21	17.0	26.0	20.1	85.2	20.514	17.9	18.6	1.5	20.1	3.5
22	15.1	26.2	20.3	85.2	20.382	17.7	0.0	15.5	15.5	7.3
23	15.5	26.5	21.6	84.1	21.342	18.5	0.0	39.6	39.6	4.7
24	18.0	26.0	20.6	89.6	21.738	18.8	10.7	0.0	10.7	3.4
25	17.0	26.5	22.0	84.8	22.187	19.1	0.0	0.0	0.0	3.1
26	18.5	25.0	20.8	88.1	21.855	18.9	0.0	1.2	1.2	2.1
27	17.5	24.8	20.9	85.6	20.566	18.3	0.0	0.3	0.3	1.5
28	17.5	21.4	19.5	98.2	22.365	19.3	5.6	16.0	21.6	0.0
29	17.1	24.0	20.3	86.1	20.916	18.2	0.5	0.0	0.5	3.4
30	17.0	26.5	22.1	86.3	22.334	19.2	0.0	0.0	0.0	3.4
31	16.5	27.5	22.2	79.6	20.979	18.2	0.0	0.0	0.0	6.1
PROM.	17.4	25.6	21.2	86.1	21.507	18.6	68.0	218.1	286.1	104.3

## M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	25.5	21.9	84.2	21.692	18.8	0.0	0.1	0.1	2.5
2	19.0	25.3	21.5	82.4	21.421	18.6	0.9	0.0	0.9	4.1
3	18.5	24.0	21.0	87.2	21.531	18.7	0.0	20.2	20.2	0.5
4	18.0	23.4	20.4	86.9	20.473	17.9	0.0	13.0	13.0	0.9
5	17.1	22.6	19.3	85.9	20.321	17.8	0.2	0.0	0.2	1.3
6	16.6	25.0	21.0	82.3	20.109	17.6	0.0	0.0	0.0	2.8
7	16.5	26.0	21.1	79.8	19.721	17.3	0.1	40.0	40.1	5.1
8	17.5	21.0	18.3	94.4	19.863	17.4	6.0	0.1	6.1	0.0
9	14.0	25.5	20.9	84.0	19.973	17.4	0.0	0.0	0.0	9.3
10	15.6	26.5	21.8	81.4	20.544	17.9	0.0	8.1	8.1	5.6
11	18.6	23.0	20.4	82.6	15.605	17.1	0.0	0.0	0.0	2.0
12	14.4	26.0	21.4	81.9	20.181	17.5	0.0	2.4	2.4	6.7
13	18.0	25.5	21.6	87.9	22.338	19.2	0.0	0.0	0.0	2.7
14	17.5	27.0	22.4	84.6	22.062	19.1	0.0	0.0	0.0	6.4
15	17.5	27.0	22.6	82.5	22.268	19.2	0.0	0.0	0.0	5.7
16	17.5	27.5	22.6	82.7	22.158	19.1	0.0	0.2	0.2	4.9
17	19.0	24.6	21.7	89.9	22.910	19.7	0.0	0.0	0.0	4.4
18	15.4	26.4	22.1	80.0	21.294	18.5	0.2	0.0	0.2	8.1
19	17.0	28.0	22.6	78.3	21.303	18.5	0.0	0.0	0.0	6.9
20	15.6	25.0	22.0	86.9	22.534	19.4	0.0	0.0	0.0	0.3
21	15.8	28.5	21.7	79.8	20.067	17.5	0.0	0.0	0.0	8.5
22	16.0	26.6	22.1	81.3	21.111	18.4	0.0	0.0	0.0	7.9
23	18.0	27.5	22.2	82.3	21.417	18.6	0.0	0.0	0.0	6.8
24	17.5	27.3	22.2	79.6	20.939	18.2	0.0	0.0	0.0	8.5
25	14.0	28.0	22.2	80.3	20.741	18.0	0.0	0.0	0.0	8.5
26	18.0	26.6	22.9	81.9	22.022	19.0	0.0	0.0	0.0	6.7
27	16.0	27.5	22.7	83.6	22.301	19.2	0.0	0.0	0.0	7.6
28	16.5	24.5	20.8	87.6	21.059	18.3	0.0	0.0	0.0	1.6
29	17.0	24.4	21.5	82.6	20.914	18.2	0.0	0.0	0.0	2.5
30	16.5	25.5	21.7	87.4	22.297	19.2	0.0	0.0	0.0	3.7
PROM.	16.9	25.7	21.6	83.9	21.172	18.4	7.4	84.1	91.5	142.5

ESTACION: LA BELLA  
 ALTITUD: 1.450

MUNICIPIO: CALARCA AÑO: 1.983  
 LATITUD: 4-31 N. 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	16.6	25.2	21.2	86.2	21.559	18.7	0.0	0.0	0.0	2.8
2	16.6	26.0	22.2	85.6	22.332	19.2	0.5	0.0	0.5	5.5
3	17.0	25.9	21.9	84.8	21.775	18.8	0.0	0.0	0.0	5.5
4	16.6	27.0	21.3	87.0	22.041	19.0	0.9	0.2	1.1	5.8
5	17.6	25.0	21.2	86.2	21.384	18.6	0.0	0.0	0.0	2.9
6	15.5	27.0	22.0	79.7	20.393	17.8	0.0	1.6	1.6	7.9
7	17.5	28.0	22.4	83.8	22.093	19.1	0.3	0.1	0.4	6.4
8	18.4	26.0	20.3	88.0	21.180	18.4	0.4	4.5	4.9	4.9
9	17.1	24.0	20.7	85.6	20.509	17.9	0.0	4.8	4.8	2.9
10	17.0	26.0	21.5	80.4	20.063	17.5	0.0	0.0	0.0	6.2
11	15.5	26.0	21.2	84.1	20.554	17.9	0.0	0.7	0.7	6.7
12	15.5	29.0	21.9	76.6	19.108	16.8	0.0	0.0	0.0	7.8
13	18.0	29.0	22.6	76.6	20.696	18.0	0.0	0.0	0.0	8.1
14	16.5	27.0	22.4	82.0	21.395	18.5	0.0	0.0	0.0	8.8
15	17.5	26.0	21.9	84.7	21.959	19.0	0.0	0.0	0.0	3.9
16	18.0	26.0	22.0	87.3	22.776	19.5	0.0	0.5	0.5	3.7
17	17.1	27.4	21.0	88.0	21.726	18.8	0.0	0.0	0.0	4.0
18	16.6	29.0	22.8	81.5	21.623	18.7	0.0	0.0	0.0	9.5
19	17.0	28.0	22.8	82.2	22.248	19.2	0.0	0.0	0.0	4.2
20	17.4	29.0	23.6	72.8	20.050	17.5	0.0	0.0	0.0	7.9
21	17.5	28.0	23.0	81.7	22.428	19.3	0.0	0.0	0.0	6.2
22	18.5	24.0	20.5	92.1	22.247	19.2	0.0	0.0	0.0	0.7
23	17.1	25.0	20.3	86.7	20.372	17.8	0.0	0.0	0.0	4.1
24	17.0	29.6	21.7	64.8	18.195	13.9	0.0	0.0	0.0	10.4
25	13.5	30.0	23.1	62.2	15.758	13.7	0.0	0.0	0.0	10.7
26	15.5	30.5	23.6	67.0	18.074	15.9	0.0	0.0	0.0	10.0
27	14.0	25.0	20.8	84.2	19.967	17.4	0.0	0.0	0.0	2.9
28	15.0	26.0	21.0	84.8	20.370	17.7	0.0	0.0	0.0	2.8
29	17.5	28.5	21.5	85.2	21.644	18.8	0.0	0.0	0.0	6.0
30	18.1	26.0	21.1	86.7	21.494	18.7	0.0	0.3	0.3	2.1
31	17.4	24.4	21.0	86.9	21.402	18.6	0.2	0.0	0.2	1.6
PROM.	16.8	26.9	21.8	82.1	20.820	18.1	2.3	12.7	15.0	172.9

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	17.0	26.0	21.9	82.7	21.448	18.6	0.0	0.0	0.0	3.7
2	17.0	26.0	21.2	81.8	20.355	17.8	0.0	0.0	0.0	5.9
3	18.0	26.0	21.4	81.3	20.484	17.9	0.0	0.0	0.0	3.7
4	14.5	27.0	21.3	81.0	20.118	17.5	0.0	0.0	0.0	3.7
5	17.0	24.2	20.3	88.7	21.000	18.2	0.1	0.0	0.1	1.9
6	15.2	24.0	19.7	84.8	19.417	17.0	0.0	0.1	0.1	3.8
7	17.4	26.8	22.5	71.8	18.788	16.5	0.0	0.0	0.0	7.6
8	15.0	28.1	22.1	68.6	17.360	15.2	0.0	0.0	0.0	8.5
9	15.0	28.0	22.3	69.2	17.432	15.3	0.0	0.0	0.0	6.8
10	17.5	28.5	22.9	61.7	16.380	14.2	0.0	0.0	0.0	7.9
11	15.0	28.5	21.6	72.5	17.805	15.7	0.0	0.3	0.3	8.8
12	17.6	26.0	21.5	84.2	21.295	18.5	0.1	0.0	0.1	4.2
13	15.0	30.0	22.1	67.2	16.596	14.6	0.0	0.0	0.0	7.0
14	15.6	31.0	24.1	58.8	15.835	13.8	0.0	0.0	0.0	10.6
15	18.1	29.0	24.1	64.0	18.134	15.9	0.0	0.0	0.0	6.2
16	17.5	30.0	23.6	72.1	19.936	17.4	0.0	0.0	0.0	6.9
17	16.5	29.0	23.8	71.9	20.198	17.6	0.0	0.0	0.0	6.4
18	17.5	26.0	21.3	83.8	21.138	18.4	0.0	0.0	0.0	2.3
19	17.0	26.5	21.4	81.6	20.322	17.7	0.0	0.0	0.0	2.3
20	14.7	29.5	20.3	83.6	19.621	17.2	10.7	0.0	10.7	8.0
21	16.2	25.0	21.3	83.5	20.696	18.0	0.0	0.0	0.0	3.7
22	17.0	30.0	23.3	68.2	18.616	16.3	0.0	0.0	0.0	7.8
23	18.0	27.5	22.0	79.0	20.752	18.1	0.0	0.0	0.0	5.7
24	18.0	25.0	20.6	87.7	21.426	18.6	0.1	0.2	0.3	2.4
25	17.0	24.3	20.9	85.7	20.927	18.2	0.0	0.5	0.5	2.4
26	17.0	25.0	21.2	85.5	21.341	18.5	0.0	0.0	0.0	1.6
27	16.5	26.3	21.5	84.4	21.194	18.3	1.1	14.6	15.7	5.7
28	17.1	22.6	18.9	93.5	20.345	17.8	1.2	0.0	1.2	1.4
29	16.5	25.0	20.0	86.7	20.308	17.7	1.9	0.3	2.2	1.6
30	15.5	26.5	20.5	87.9	20.829	18.1	0.0	0.0	0.0	3.2
31	14.5	28.0	21.7	79.0	19.824	17.3	0.0	0.0	0.0	8.1
PROM.	16.5	26.9	21.7	78.5	19.675	17.2	15.2	16.0	31.2	159.8

ESTACION: LA BELLA

MUNICIPIO: CALARCA

AÑO: 1.983

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	16.5	27.0	20.8	84.8	20.908	18.2	1.6	1.7	3.3	4.3
2	18.0	27.0	20.8	84.9	20.884	18.2	0.1	0.0	0.1	3.9
3	17.6	24.3	20.4	87.5	20.881	18.2	0.0	0.0	0.0	1.8
4	15.4	26.2	21.9	76.2	19.623	17.2	0.0	0.5	0.5	6.3
5	17.5	26.0	20.5	84.4	20.255	17.7	0.6	6.2	6.8	6.0
6	17.5	23.0	19.7	90.6	20.806	18.1	0.7	1.9	2.6	0.8
7	17.0	24.5	20.6	82.2	19.636	17.2	0.0	0.0	0.0	2.9
8	15.0	25.5	19.6	85.1	19.194	16.8	0.5	0.2	0.7	3.3
9	16.5	24.0	20.1	83.0	19.255	16.9	0.0	0.0	0.0	3.6
10	16.0	23.1	19.8	84.4	19.547	17.1	0.0	0.0	0.0	1.9
11	15.0	24.1	19.9	83.1	19.109	16.8	0.0	0.0	0.0	3.5
12	16.5	28.0	21.4	79.1	19.602	17.2	0.0	0.0	0.0	5.9
13	17.0	26.3	21.2	81.0	20.033	17.5	0.0	0.0	0.0	4.5
14	17.3	26.0	20.4	85.1	20.229	17.7	0.0	0.0	0.0	2.5
15	15.5	25.0	20.9	85.0	20.447	17.8	0.0	0.0	0.0	3.6
16	17.0	25.5	20.4	86.0	20.667	18.0	0.0	0.2	0.2	4.1
17	18.1	25.0	20.3	87.3	21.034	18.3	0.0	0.0	0.0	4.3
18	18.1	25.0	20.1	81.9	19.133	16.8	0.1	0.0	0.1	5.5
19	16.0	26.0	20.8	82.0	19.774	17.3	0.0	0.0	0.0	4.3
20	17.0	26.0	21.3	79.4	19.777	17.3	0.8	0.0	0.8	5.0
21	17.0	26.0	21.2	80.0	19.882	17.4	0.0	15.1	15.1	4.4
22	17.0	24.0	19.6	90.6	20.383	17.8	3.4	0.0	3.4	3.7
23	15.5	26.0	21.1	80.0	19.536	17.1	0.0	0.0	0.0	7.2
24	17.1	25.7	21.2	82.2	20.435	17.8	0.0	0.9	0.9	4.5
25	15.6	28.0	21.9	80.5	20.624	17.9	0.0	0.0	0.0	9.0
26	16.0	26.5	21.3	80.4	20.269	17.7	0.0	0.0	0.0	6.9
27	15.5	26.0	22.2	76.9	20.042	17.5	0.0	0.0	0.0	8.5
28	17.0	23.5	20.3	88.3	21.148	18.4	0.0	0.0	0.0	1.7
29	17.0	27.0	21.1	79.0	19.715	17.3	0.0	0.0	0.0	6.3
30	16.0	25.3	21.3	77.4	19.441	17.0	0.0	0.0	0.0	3.1
PROM.	16.5	25.6	20.7	82.9	20.076	17.5	7.8	26.7	34.5	133.3

## 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	16.0	24.4	21.6	69.9	17.584	15.4	0.0	0.0	0.0	4.1
2	16.4	25.0	20.8	80.0	19.511	17.1	0.0	0.0	0.0	4.0
3	15.5	25.5	19.7	86.4	20.045	17.5	1.3	1.1	2.4	4.0
4	16.5	26.0	20.9	85.8	20.936	18.2	0.0	0.0	0.0	3.7
5	17.5	25.5	21.8	81.3	21.000	18.3	0.0	0.0	0.0	2.9
6	17.5	28.9	22.2	78.1	20.371	17.8	0.0	0.0	0.0	4.9
7	15.0	25.0	20.4	85.2	20.100	17.5	0.0	0.0	0.0	3.0
8	15.1	26.0	21.1	84.2	20.791	18.1	0.0	2.2	2.2	3.0
9	17.1	25.1	21.4	80.3	19.970	17.5	0.0	0.0	0.0	5.0
10	17.0	26.0	20.4	82.3	19.657	17.2	0.0	0.1	0.1	3.4
11	17.0	25.1	20.2	86.4	20.612	18.0	0.0	0.0	0.0	1.8
12	15.0	26.1	20.9	83.3	20.405	17.8	0.0	20.2	20.2	2.9
13	15.4	22.5	18.5	88.4	18.746	16.5	0.2	0.0	0.2	0.8
14	16.0	22.0	18.2	94.1	19.681	17.2	4.1	0.0	4.1	0.7
15	16.0	21.1	17.8	94.7	19.670	17.2	14.1	1.2	15.3	0.2
16	15.1	22.4	18.3	87.7	18.751	16.5	0.0	0.0	0.0	0.8
17	14.6	26.0	19.3	80.6	17.728	15.6	0.0	0.0	0.0	8.4
18	15.0	27.0	21.8	78.4	19.912	17.4	0.0	2.0	2.0	10.1
19	17.0	24.0	18.7	87.3	19.156	16.8	37.5	0.0	37.5	0.7
20	15.0	24.5	18.8	86.2	18.626	16.4	1.2	0.8	2.0	4.6
21	15.5	25.5	20.0	86.7	19.883	17.3	0.5	0.8	1.3	6.6
22	14.6	27.1	20.7	81.7	19.727	17.3	0.0	16.1	16.1	8.6
23	16.5	26.1	20.3	80.6	19.380	17.0	0.4	0.0	0.4	6.4
24	15.6	25.5	21.4	86.1	21.537	18.6	0.0	0.0	0.0	4.2
25	16.0	22.0	18.8	95.0	20.931	18.2	6.3	2.2	8.5	0.1
26	14.5	24.1	19.1	86.1	19.266	16.9	8.2	0.0	8.2	3.9
27	16.5	25.0	19.4	87.6	20.038	17.5	0.0	0.0	0.0	1.4
28	16.5	23.5	19.0	90.8	20.135	17.6	7.9	2.7	10.6	0.4
29	16.3	21.3	18.0	92.2	19.220	16.9	5.4	18.2	23.6	0.2
30	16.1	20.1	18.2	96.7	20.287	17.7	1.1	0.0	1.1	0.0
31	15.5	26.0	19.6	85.2	19.261	16.8	6.1	0.0	6.1	6.5
PROM.	15.9	24.7	19.9	85.5	19.773	17.3	94.3	67.6	161.9	107.3

ESTACION: LA BELLA

MUNICIPIO: CALARCA

AÑO: 1.983

ALTITUD: 1.450

LATITUD: 4-31 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	17.1	26.1	21.9	82.2	21.183	18.4	0.0	0.8	0.8	6.3
2	15.5	25.5	20.9	85.1	20.760	18.1	0.1	3.0	3.1	4.2
3	16.0	25.5	20.4	84.1	19.822	17.3	0.0	0.0	0.0	3.7
4	17.0	25.0	20.3	88.0	21.145	18.4	0.0	0.0	0.0	4.8
5	16.1	27.0	21.7	84.5	22.065	19.1	0.0	0.0	0.0	6.2
6	16.0	25.6	21.6	87.3	22.593	19.4	0.0	0.0	0.0	3.2
7	16.0	26.5	20.7	86.6	20.791	18.1	0.0	0.0	0.0	5.2
8	17.0	21.5	19.1	92.3	20.375	17.8	0.0	0.0	0.0	0.0
9	15.5	25.0	19.8	86.9	19.754	17.3	0.0	0.0	0.5	4.7
10	17.0	23.1	19.4	90.0	20.539	17.9	11.9	0.0	11.9	4.0
11	14.1	24.0	19.6	86.0	19.703	17.2	0.0	4.6	4.6	3.4
12	14.1	25.1	20.6	87.0	21.315	18.5	0.0	0.0	0.0	6.4
13	14.1	27.0	20.5	83.6	20.240	17.7	1.9	16.0	17.9	5.9
14	14.0	24.5	19.6	88.4	19.661	17.1	0.0	30.1	30.1	4.1
15	16.0	25.0	20.2	87.6	20.462	17.8	0.1	2.1	2.2	2.3
16	16.0	26.0	20.6	83.4	19.967	17.5	0.0	0.0	0.0	3.8
17	16.0	24.5	19.0	90.7	20.356	17.7	0.8	0.0	0.8	2.6
18	14.0	25.0	19.7	88.4	20.049	17.5	0.0	0.0	0.0	6.3
19	16.1	26.1	20.8	86.1	20.848	18.1	0.0	0.0	0.0	6.4
20	16.0	25.5	21.1	87.2	21.550	18.7	0.0	0.0	0.0	3.5
21	16.5	25.0	20.6	90.2	22.022	19.0	0.5	4.1	4.6	2.7
22	17.0	24.5	20.3	88.8	21.026	18.3	0.0	0.0	0.0	3.8
23	17.0	26.0	19.9	87.4	20.573	18.0	0.0	3.9	3.9	3.4
24	16.0	23.5	18.9	91.5	20.168	17.6	26.7	0.0	26.7	3.9
25	15.0	25.1	20.0	85.2	19.938	17.4	0.0	0.0	0.0	7.5
26	16.0	26.0	20.1	86.6	20.377	17.8	0.5	3.9	4.4	3.3
27	14.0	25.0	19.5	88.2	19.975	17.4	6.4	1.0	7.4	4.5
28	16.5	23.0	19.5	92.5	20.642	18.0	0.3	0.3	0.6	1.6
29	16.5	25.0	18.4	91.4	19.612	17.2	26.1	2.9	29.0	3.1
30	16.5	23.0	18.4	89.8	19.160	16.8	3.9	0.0	3.9	0.9
PROM.	15.8	25.0	20.1	87.6	20.557	17.9	79.2	73.2	152.4	121.7

## M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	24.1	19.5	87.4	19.665	17.2	0.3	0.0	0.3	4.3
2	16.0	24.5	19.5	89.1	20.259	17.7	9.3	7.3	16.6	4.3
3	17.0	24.0	19.5	84.7	18.969	16.6	10.7	28.5	39.2	2.3
4	17.0	22.0	18.5	83.7	17.910	15.7	0.1	0.2	0.3	0.7
5	16.0	22.5	19.3	85.1	18.850	16.6	1.5	27.5	29.0	0.8
6	16.1	22.1	18.5	94.1	20.273	17.7	12.6	0.0	12.6	1.2
7	16.0	24.1	19.4	84.4	18.750	16.5	0.0	16.1	16.1	6.2
8	15.1	25.0	19.2	85.9	18.829	16.5	0.0	0.0	0.0	0.5
9	15.0	24.0	19.0	90.5	20.225	17.7	0.1	8.2	8.3	2.2
10	15.0	22.0	17.8	90.4	18.603	16.4	5.7	0.0	5.7	0.7
11	14.0	24.0	19.0	84.2	18.399	16.2	0.0	3.8	3.8	5.0
12	14.5	26.0	19.4	86.2	15.171	16.8	0.1	1.8	1.9	5.9
13	14.1	25.0	19.8	85.8	19.383	17.0	0.0	0.0	0.0	5.4
14	15.0	23.0	19.4	90.6	20.413	17.8	0.0	0.0	0.0	1.7
15	14.5	25.0	19.8	87.4	19.853	17.4	0.0	0.0	0.0	4.4
16	16.0	24.0	19.5	89.5	20.180	17.6	0.3	9.6	9.9	1.8
17	16.1	24.0	19.1	90.4	19.757	17.3	21.0	0.0	21.0	1.8
18	14.0	26.0	20.6	75.4	17.758	15.6	2.3	52.4	54.7	5.2
19	14.0	25.0	20.4	84.6	15.692	17.1	0.0	17.4	17.4	5.0
20	16.5	23.5	19.7	89.3	20.417	17.8	0.0	0.0	0.0	1.6
21	16.5	26.0	19.9	87.5	20.386	17.8	0.7	0.0	0.7	4.6
22	15.5	24.1	18.8	90.8	20.019	17.5	13.8	2.7	16.5	4.0
23	15.1	25.0	20.4	86.9	20.656	18.0	0.0	0.0	0.0	5.5
24	15.0	25.0	20.1	88.0	20.961	18.3	0.3	0.0	0.3	5.1
25	15.0	27.0	20.6	84.9	20.562	17.9	0.0	0.0	0.0	5.6
26	15.0	22.5	18.3	91.3	19.577	17.1	22.4	0.0	22.4	0.9
27	14.0	24.0	19.1	86.2	18.573	16.3	0.0	0.0	0.0	4.4
28	14.1	25.0	20.1	85.6	19.594	17.1	0.0	0.0	0.0	6.4
29	15.0	23.0	18.9	91.5	19.937	17.4	27.3	19.5	46.8	3.0
30	16.0	23.0	18.1	88.8	18.584	16.3	31.7	0.0	31.7	0.6
31	14.1	24.0	18.4	91.5	19.409	17.0	6.8	11.3	18.1	2.1
PROM.	15.3	24.1	19.3	87.5	19.540	17.1	167.0	206.3	373.3	103.2

ESTACION: LA BELLA

MUNICIPIO: CALARCA

AÑO: 1.983

ALTITUD: 1.450

LATITUD: 4-31 N.

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.	Dias llluvias	
ENERO	17.2	26.9	21.8	15.5	29.0	79.8	20.506	17.9	112.5	7	168.6
FEBRERO	17.1	27.8	22.2	16.0	31.0	75.6	20.720	18.0	67.5	9	157.5
MARZO	17.6	26.6	21.6	15.5	29.0	83.3	21.183	18.4	151.7	17	121.2
ABRIL	17.2	25.1	20.7	15.5	28.0	86.4	20.890	18.2	321.7	24	85.3
MAYO	17.4	25.6	21.2	15.1	27.5	86.1	21.507	18.6	286.1	25	104.3
JUNIO	16.9	25.7	21.6	14.0	28.5	83.9	21.172	18.4	91.5	11	142.5
JULIO	16.8	26.9	21.8	13.5	30.5	82.1	20.820	18.1	15.0	10	172.9
AGOSTO	16.5	26.9	21.7	14.5	31.0	78.5	19.675	17.2	31.2	10	159.8
SEPTIEMBRE	16.5	25.6	20.7	15.0	28.0	82.9	20.076	17.5	34.5	12	133.3
OCTUBRE	15.9	24.7	19.9	14.5	28.9	85.5	19.773	17.3	161.9	19	107.3
NOVIEMBRE	15.8	25.0	20.1	14.0	27.0	87.6	20.557	17.9	152.4	17	121.7
DICIEMBRE	15.3	24.1	19.3	14.0	27.0	87.5	19.540	17.1	373.3	22	103.2
PROMEDIO	16.7	25.9	21.1	14.8	28.8	84.3	20.535	17.9			
TOTAL									1799.3	183	1577.6

ESTACION: PARAGUAYCITO

MUNICIPIO: BLENAVISTA AÑO: 1983

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	17.4	31.3	23.7	69.7	15.401	17.0	0.0	0.0	0.0	9.7
2	19.2	25.7	23.5	73.8	20.838	18.1	0.0	68.5	68.5	6.8
3	18.6	28.7	21.6	77.6	15.830	17.4	0.1	0.0	0.1	2.9
4	17.5	28.2	21.5	85.6	21.749	18.6	0.3	0.0	0.3	2.4
5	17.7	27.5	20.5	82.9	19.885	17.4	4.4	0.0	4.4	0.7
6	16.5	25.3	20.0	75.4	19.298	16.9	0.0	0.0	0.0	3.1
7	18.5	25.5	21.0	76.0	20.925	18.2	0.0	0.0	0.0	5.2
8	19.6	25.5	22.8	77.0	21.075	18.3	0.0	0.0	0.0	4.6
9	18.2	31.3	23.2	74.0	20.413	17.8	0.0	0.0	0.0	9.0
10	18.6	30.0	23.3	76.5	21.133	18.4	0.0	0.2	0.2	5.1
11	19.5	30.0	23.6	78.4	22.245	19.2	0.0	0.0	0.0	3.8
12	17.5	28.0	22.4	80.3	21.352	18.5	0.0	0.0	0.0	1.4
13	18.4	30.0	23.9	72.2	20.923	18.2	0.0	0.0	0.0	7.3
14	17.2	30.4	23.4	72.9	20.706	18.0	0.0	0.0	0.0	6.3
15	18.2	31.2	23.9	74.7	21.552	18.7	0.0	0.0	0.0	9.2
16	20.0	31.0	24.2	72.4	21.283	18.5	0.0	0.0	0.0	7.2
17	18.5	31.0	24.5	73.2	21.652	18.6	0.0	0.0	0.0	6.9
18	17.6	31.2	24.3	73.4	21.225	18.4	0.0	0.0	0.0	6.8
19	17.2	32.3	24.7	69.5	20.525	17.9	0.0	0.0	0.0	9.3
20	18.2	28.7	23.4	76.8	21.706	18.6	0.0	0.0	0.0	4.5
21	16.7	30.6	23.4	76.4	21.290	18.5	0.0	0.0	0.0	5.9
22	17.7	32.0	24.5	69.2	20.315	17.7	0.0	0.0	0.0	8.8
23	16.1	31.9	23.9	69.5	19.388	17.0	0.0	0.0	0.0	8.0
24	16.6	31.9	24.0	69.3	19.637	17.2	0.0	0.0	0.0	9.7
25	16.0	32.4	24.1	70.2	19.633	17.2	0.0	0.0	0.0	7.1
26	18.0	31.1	24.3	71.9	21.044	18.3	0.0	0.0	0.0	3.4
27	19.4	28.2	21.8	86.7	22.684	19.5	0.6	20.9	21.5	2.0
28	19.8	30.9	24.2	73.7	21.515	18.6	0.5	0.0	0.5	7.1
29	19.5	30.0	23.3	77.5	21.912	18.9	0.0	0.0	0.0	3.3
30	19.6	32.0	24.3	71.3	20.866	18.2	0.0	0.0	0.0	7.9
31	19.5	28.5	23.2	77.8	21.717	18.6	2.9	0.0	2.9	1.5
PROM.	18.2	30.2	23.4	75.0	20.856	18.2	6.8	89.6	96.4	176.9

## M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.2	29.9	23.7	70.2	20.220	17.7	0.0	0.0	0.0	5.3
2	17.2	31.0	24.0	72.5	20.704	18.1	0.0	0.0	0.0	5.6
3	18.5	32.8	25.6	66.0	20.370	17.8	0.0	0.0	0.0	8.8
4	17.3	30.9	23.2	77.8	21.602	18.7	0.3	0.5	0.8	4.5
5	19.6	29.3	22.1	82.3	21.880	18.9	6.8	6.4	13.2	3.4
6	18.0	31.0	23.6	73.6	20.654	18.0	0.0	10.8	10.8	8.4
7	18.6	28.3	20.8	82.2	20.408	17.8	0.4	20.2	20.6	3.9
8	17.5	29.0	21.9	77.7	20.056	17.5	0.6	0.0	0.6	6.5
9	18.1	30.8	23.0	72.4	19.795	17.3	0.0	0.0	0.0	8.2
10	18.9	31.0	24.5	67.7	19.745	17.2	0.0	0.0	0.0	8.0
11	16.8	30.4	23.7	71.0	19.738	17.3	0.0	0.0	0.0	6.3
12	18.0	31.7	23.6	68.8	19.404	17.0	0.0	0.0	0.0	7.8
13	15.5	31.6	23.8	65.6	17.607	15.5	0.0	0.0	0.0	9.6
14	16.0	32.0	23.9	69.7	19.285	16.9	0.0	0.0	0.0	6.7
15	15.8	32.0	22.8	71.1	18.725	16.5	0.0	0.0	0.0	7.4
16	17.2	31.0	23.8	71.7	19.747	17.2	0.0	0.0	0.0	6.2
17	17.0	30.0	24.3	70.1	20.034	17.5	0.0	0.0	0.0	5.7
18	17.6	29.5	23.1	78.7	21.700	18.8	0.0	1.4	1.4	2.3
19	17.8	31.0	23.9	69.6	19.439	17.1	0.0	0.0	0.0	8.6
20	17.5	32.0	23.8	69.2	19.451	17.0	0.0	0.0	0.0	8.8
21	19.0	27.5	23.4	74.4	20.942	18.2	0.0	0.0	0.0	1.5
22	18.0	32.0	24.0	77.5	22.506	19.3	0.0	0.0	0.0	4.1
23	18.0	31.0	24.9	69.9	20.812	18.1	0.0	0.0	0.0	4.1
24	19.3	30.0	24.2	69.9	20.181	17.7	0.0	0.0	0.0	4.7
25	18.6	29.4	24.2	75.1	22.226	19.2	0.0	0.0	0.0	2.0
26	18.0	28.5	24.0	66.9	18.785	16.4	0.0	0.0	0.0	4.0
27	17.0	32.0	24.3	70.1	19.925	17.4	0.0	0.1	0.1	6.9
28	18.4	31.0	24.0	73.8	21.406	18.6	0.0	0.1	0.1	3.7
PROM.	17.8	30.6	23.6	72.3	20.265	17.7	8.1	39.5	47.6	163.0

ESTACION: PARAGUAYCITO

MUNICIPIO: BUENAVISTA

AÑO: 1.982

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	18.5	31.5	24.0	73.9	21.687	18.8	0.0	0.0	0.0	2.8
2	19.0	31.0	22.2	80.5	22.003	19.0	34.4	0.2	34.6	4.6
3	19.0	30.5	23.8	76.7	22.194	19.2	0.0	0.0	0.0	5.4
4	19.0	31.0	24.1	72.6	21.184	18.4	0.0	0.0	0.0	5.2
5	18.2	30.2	24.0	72.2	20.837	18.1	0.0	0.0	0.0	3.8
6	19.2	29.4	23.6	72.3	20.787	18.1	0.0	0.0	0.0	1.1
7	19.0	27.0	22.2	79.1	21.319	18.5	9.2	0.0	9.2	0.0
8	19.0	28.0	21.5	82.3	21.386	18.6	7.3	2.5	9.8	2.7
9	19.0	30.0	21.9	80.7	21.215	18.4	8.4	0.9	9.3	3.1
10	18.5	25.0	21.1	86.2	21.793	18.9	4.2	0.0	4.2	0.0
11	18.4	30.0	23.8	70.3	19.503	17.4	0.0	3.5	3.5	5.2
12	19.8	31.5	24.4	68.8	20.332	17.7	0.0	0.0	0.0	7.5
13	19.8	30.0	24.6	68.3	20.187	17.6	0.0	1.3	1.3	5.3
14	19.3	27.5	22.3	82.4	21.978	19.0	1.3	0.0	1.3	1.3
15	18.5	31.5	24.8	66.8	19.866	17.4	0.0	0.0	0.0	4.3
16	19.7	32.0	25.3	66.1	20.235	17.6	0.0	0.0	0.0	6.7
17	19.2	29.0	21.5	80.7	21.213	18.4	52.3	0.0	52.3	3.2
18	16.9	30.0	23.0	73.3	19.973	17.5	0.0	0.0	0.0	5.6
19	18.2	31.5	25.0	67.2	20.277	17.7	0.0	0.0	0.0	7.3
20	18.5	32.0	24.4	70.2	20.845	18.2	0.0	0.0	0.0	5.1
21	18.2	30.2	23.8	67.0	19.052	16.7	0.0	0.0	0.0	1.8
22	17.7	31.0	24.1	70.4	20.504	17.9	0.0	0.0	0.0	5.4
23	18.0	30.5	23.4	74.4	20.864	18.1	0.3	0.1	0.4	4.5
24	18.8	28.6	22.3	78.9	21.418	18.6	0.7	3.8	4.5	0.5
25	19.0	22.8	20.3	87.2	21.244	18.5	4.3	0.2	4.5	0.0
26	18.0	26.3	21.6	80.5	20.656	18.0	0.2	12.9	13.1	0.8
27	18.3	29.2	22.6	71.1	18.954	16.6	0.0	0.7	0.7	4.7
28	16.5	29.9	21.3	72.8	17.953	15.8	0.0	0.0	0.0	5.8
29	17.5	30.0	20.6	75.0	18.075	15.9	28.9	0.0	28.9	5.7
30	17.2	29.0	22.8	69.0	18.227	16.0	0.7	0.0	0.7	8.1
31	17.2	30.4	24.2	64.6	18.248	16.0	0.0	0.0	0.0	8.3
PROM.	18.5	29.6	23.0	74.2	20.466	17.8	152.2	26.1	178.3	125.6

## 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	19.0	30.2	23.9	69.7	20.011	17.5	0.0	0.0	0.0	7.3
2	17.4	30.0	22.6	73.8	19.521	17.1	0.0	0.0	0.0	6.0
3	17.8	30.0	23.2	62.6	17.255	15.0	0.0	0.0	0.0	5.6
4	17.2	29.0	22.7	75.3	20.135	17.6	0.0	0.0	0.0	0.8
5	18.5	32.0	22.4	72.7	18.632	15.9	24.3	0.5	24.8	5.7
6	19.4	27.0	21.2	89.3	22.891	19.7	3.6	0.0	3.6	1.7
7	19.4	24.0	20.0	92.4	21.693	18.8	36.8	0.0	36.8	0.0
8	18.3	25.8	22.4	78.1	20.579	18.0	0.0	10.1	10.1	3.3
9	18.0	25.0	21.2	86.2	21.451	18.6	19.3	2.4	21.7	0.1
10	18.0	30.0	23.0	75.3	20.493	17.9	0.2	25.9	26.1	6.2
11	18.6	24.7	20.4	86.4	20.976	18.2	2.7	0.0	2.7	0.4
12	17.0	30.2	23.3	74.4	20.254	17.7	0.0	13.4	13.4	6.2
13	19.7	24.0	20.9	89.9	22.112	19.1	14.5	22.6	37.1	0.0
14	19.0	26.8	21.1	85.8	21.725	18.8	6.3	0.0	6.3	0.5
15	18.5	30.7	23.0	80.7	22.385	19.2	3.5	6.6	10.1	6.2
16	19.6	27.2	22.0	80.9	21.228	18.4	0.0	0.0	0.0	0.9
17	18.0	27.1	20.9	84.1	21.189	18.4	2.7	2.1	4.8	3.4
18	19.0	26.0	20.4	68.3	21.672	18.8	28.1	0.8	28.9	1.3
19	16.8	29.2	22.2	77.4	19.961	17.4	0.0	0.0	0.0	5.0
20	18.4	30.5	23.3	78.8	22.173	19.1	0.0	6.5	6.5	6.1
21	18.0	26.3	21.4	82.9	21.240	18.5	0.6	4.7	5.3	0.4
22	18.3	27.0	21.9	83.8	21.767	18.8	0.0	0.0	0.0	0.7
23	16.9	30.2	23.2	76.6	21.103	18.3	0.0	17.7	17.7	5.6
24	17.8	28.4	20.9	87.4	21.663	18.7	3.0	0.0	3.0	1.8
25	16.4	30.6	23.5	73.4	20.392	17.8	0.0	3.0	3.0	5.5
26	18.8	27.0	22.5	89.1	24.535	20.8	1.6	23.6	25.2	0.2
27	18.9	28.1	22.5	80.4	21.720	18.8	0.0	1.1	1.1	0.5
28	18.4	33.2	20.3	90.4	21.557	18.7	5.1	0.0	5.1	0.0
29	17.8	28.4	22.6	79.8	21.624	18.7	0.0	8.3	8.3	3.6
30	18.8	29.3	22.6	82.1	22.210	19.1	0.0	2.9	2.9	4.8
PROM.	18.3	28.1	22.1	80.9	21.138	18.3	152.3	152.2	304.5	89.8

ESTACION: PARAGUAYCITU  
 ALTITUD: 1.250

MUNICIPIO: BUENAVISTA AÑO: 1.983  
 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	19.2	29.9	23.8	71.9	20.683	18.1	0.0	0.0	0.0	6.4
2	18.2	29.5	21.3	82.2	20.570	18.2	18.0	0.0	18.0	2.3
3	17.5	29.5	22.7	79.9	21.661	18.8	0.0	0.4	0.4	3.0
4	18.0	29.5	22.7	83.7	22.943	19.7	1.8	0.0	1.8	2.9
5	18.6	30.0	22.7	82.2	22.444	19.2	9.4	3.1	12.5	4.9
6	19.5	30.0	21.7	66.6	23.065	19.8	0.0	0.0	0.0	2.9
7	18.5	27.4	22.7	85.5	23.674	20.2	0.0	0.0	0.0	0.2
8	17.4	30.5	23.3	77.7	22.854	19.5	0.0	0.0	0.0	5.0
9	18.4	30.4	23.7	76.7	22.074	19.1	0.0	0.0	0.0	7.9
10	18.5	33.3	23.4	84.2	23.560	20.4	0.0	1.5	1.5	6.4
11	19.5	33.5	23.4	79.4	23.600	20.2	0.0	0.6	0.6	6.8
12	20.0	30.2	23.4	82.2	23.600	20.2	0.0	0.0	0.0	1.3
13	17.8	30.5	23.4	80.4	22.654	19.5	0.0	0.0	0.0	5.3
14	18.5	30.5	23.3	81.9	23.820	20.3	0.0	0.2	0.2	6.0
15	19.5	28.0	21.5	77.1	22.552	19.4	0.4	0.0	0.4	2.6
16	19.2	30.5	23.3	79.9	22.559	19.7	7.0	0.0	7.0	1.2
17	18.4	30.5	23.3	80.4	22.516	19.4	0.2	29.1	29.3	5.5
18	19.2	30.0	21.9	89.3	21.801	18.9	10.7	2.9	13.6	0.0
19	19.6	27.0	21.9	85.8	22.598	19.5	0.0	5.2	5.2	1.4
20	18.9	27.0	22.1	85.0	22.705	20.2	0.7	0.0	0.7	1.9
21	17.9	30.4	21.4	83.4	21.528	18.7	16.4	0.0	16.4	6.8
22	16.7	31.0	23.2	80.2	22.362	19.3	0.0	4.3	4.3	9.2
23	17.0	30.2	22.5	81.5	21.963	19.0	0.0	1.0	1.0	6.3
24	19.2	29.3	22.5	84.1	23.000	19.7	3.5	0.0	3.5	4.0
25	18.0	30.5	22.9	83.3	23.160	19.8	9.7	0.0	9.7	6.1
26	19.4	29.0	22.6	84.8	23.473	20.0	3.1	0.7	3.8	3.4
27	18.0	29.0	22.6	84.2	23.026	19.7	0.0	2.9	2.9	2.4
28	20.0	22.4	20.7	96.9	23.813	20.3	10.3	0.0	29.9	3.0
29	18.5	27.0	21.3	83.7	21.365	18.5	0.6	0.6	0.6	3.7
30	17.0	30.5	24.4	76.0	22.278	19.2	0.0	0.0	0.0	5.4
31	18.0	32.0	24.8	74.3	22.780	19.6	0.0	0.0	0.0	9.7
PROM.	18.4	29.3	22.7	82.5	22.666	19.5	95.0	91.9	186.9	130.9

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	18.7	28.0	22.8	84.0	23.244	19.9	0.0	0.0	0.0	1.6
2	19.6	30.0	23.7	76.3	22.635	19.5	0.0	0.0	0.0	3.9
3	19.1	27.5	22.5	83.9	22.942	19.7	0.0	10.2	10.2	0.2
4	19.2	27.0	21.4	88.3	22.527	19.4	0.0	27.2	27.2	0.8
5	18.0	26.3	20.7	85.2	21.722	18.8	0.2	0.0	0.2	0.4
6	17.0	28.4	22.2	83.3	21.970	19.0	1.5	0.0	1.5	4.4
7	17.0	28.4	21.9	81.9	21.867	18.9	1.2	14.3	15.5	5.5
8	17.2	22.0	19.6	98.8	22.696	19.5	17.1	0.2	17.3	0.0
9	15.6	28.0	21.4	82.3	20.757	18.1	0.0	0.0	0.0	8.5
10	15.5	30.6	23.3	77.1	21.472	18.6	0.0	0.0	0.0	7.9
11	18.6	29.5	20.7	88.4	22.278	19.2	6.1	0.0	6.1	1.9
12	15.0	29.1	22.8	77.6	20.703	18.0	0.0	2.3	2.3	7.1
13	19.3	30.1	21.9	88.1	23.363	20.0	5.8	0.0	5.8	4.1
14	18.5	30.3	23.7	82.5	23.505	20.0	0.0	0.0	0.0	7.6
15	19.0	30.2	23.8	79.7	23.172	19.8	0.0	0.0	0.0	5.8
16	18.6	30.6	24.3	78.2	23.250	19.9	0.0	0.0	0.0	5.9
17	19.6	26.3	21.5	83.8	21.960	19.0	1.1	0.0	1.1	2.1
18	15.7	30.0	22.9	76.0	20.778	18.1	0.0	0.0	0.0	7.9
19	15.8	31.1	23.2	75.0	20.104	17.5	0.0	0.0	0.0	9.6
20	17.3	28.1	22.2	85.3	22.859	19.6	0.0	0.0	0.0	0.6
21	16.2	31.4	24.0	71.9	20.965	18.2	0.0	0.0	0.0	8.3
22	16.7	31.1	22.9	79.3	21.715	18.8	0.3	0.0	0.3	6.6
23	18.2	31.0	23.5	73.2	20.768	18.1	0.0	0.0	0.0	6.3
24	16.7	30.1	22.7	75.5	20.305	17.7	0.0	0.0	0.0	8.9
25	15.0	31.1	22.4	79.9	21.308	18.5	1.1	0.0	1.1	8.1
26	18.0	31.0	23.4	78.7	22.166	19.1	0.0	0.0	0.0	6.2
27	17.1	31.3	23.3	71.7	20.076	17.6	0.0	0.0	0.0	7.9
28	17.9	28.3	22.2	80.9	21.283	18.5	0.4	0.0	0.4	3.1
29	17.5	28.6	22.1	80.1	21.076	18.3	0.4	0.4	0.4	2.3
30	17.4	29.2	22.6	79.3	21.401	18.6	0.0	0.0	0.0	4.9
PROM	17.5	29.0	22.5	80.9	21.830	18.9	34.8	54.6	89.4	148.4

ESTACION: PARAGUAYCITU  
 ALTITUD: 1.250

MUNICIPIO: BUENAVISTA AÑO: 1.933  
 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	17.6	26.7	22.2	61.2	21.472	18.6	0.0	0.0	0.0	2.6
2	17.5	26.2	23.4	77.6	21.479	18.6	0.0	0.0	0.0	6.1
3	18.4	29.5	23.3	76.9	21.399	18.3	0.0	0.0	0.0	3.1
4	18.4	30.1	22.6	60.2	21.588	18.7	0.0	0.0	0.0	4.5
5	19.0	27.5	22.6	78.0	21.448	18.4	0.0	0.0	0.0	1.9
6	16.6	31.0	23.6	74.5	20.655	18.4	0.0	0.0	0.0	7.6
7	18.8	23.0	23.5	75.1	21.222	18.4	0.0	0.0	0.0	5.0
8	19.0	28.5	22.2	79.3	21.357	18.5	0.0	0.0	0.0	5.1
9	18.5	26.4	22.2	81.2	21.422	18.6	0.0	0.0	0.0	2.6
10	18.5	30.0	23.1	72.3	19.672	17.2	0.0	0.0	0.0	2.6
11	16.9	30.0	22.7	74.6	19.768	17.3	0.0	0.0	0.0	7.6
12	17.4	30.0	23.2	76.2	20.672	18.0	0.0	0.0	0.0	7.7
13	17.5	32.0	23.7	68.2	19.052	16.7	0.0	0.0	0.0	8.1
14	17.4	31.6	23.3	72.6	20.649	17.6	0.0	0.0	0.0	8.9
15	18.0	29.3	23.1	76.2	20.955	18.2	0.0	0.0	0.0	4.4
16	17.6	28.3	22.5	75.5	20.903	18.2	0.0	0.0	0.0	4.7
17	18.3	30.1	22.9	76.3	20.650	18.0	0.0	0.0	0.0	6.0
18	17.0	32.0	23.3	73.9	20.146	17.6	0.0	0.0	0.0	7.3
19	17.4	31.4	23.2	75.4	20.870	18.2	0.0	0.0	0.0	5.4
20	18.4	32.5	23.3	61.4	18.033	15.4	0.0	0.0	0.0	6.7
21	18.3	32.0	23.5	75.4	20.987	18.2	0.0	0.0	0.0	6.7
22	18.6	27.0	21.8	86.1	22.379	19.2	0.0	0.0	0.0	1.2
23	17.8	29.0	21.5	75.8	19.322	16.9	0.0	0.0	0.0	3.7
24	15.7	33.2	24.2	56.7	15.265	12.7	0.0	0.0	0.0	10.1
25	15.0	33.5	24.1	56.9	14.856	12.7	0.0	0.0	0.0	10.3
26	15.0	33.5	24.4	61.9	17.900	15.7	0.0	0.0	0.0	10.6
27	14.8	28.5	21.6	75.8	18.617	16.6	0.0	0.0	0.0	3.4
28	15.5	30.0	22.1	74.4	18.931	16.7	0.0	0.0	0.0	4.1
29	17.8	32.5	23.3	74.7	20.550	17.9	0.0	0.0	0.0	4.7
30	16.7	27.5	22.0	79.3	21.415	18.6	0.0	0.5	0.5	8.8
31	18.4	28.5	22.7	76.5	20.462	17.6	0.1	0.0	0.1	2.9
PROM.	17.5	30.2	23.0	74.4	20.110	17.5	0.1	14.8	14.9	169.4

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	17.7	28.5	22.8	76.1	20.508	17.9	0.0	0.0	0.0	4.9
2	18.6	28.3	23.3	72.3	20.296	17.7	0.0	0.0	0.0	4.9
3	18.8	28.0	22.9	75.7	20.690	18.0	0.0	0.0	0.0	2.9
4	15.5	29.0	22.5	73.8	19.255	16.9	0.0	0.8	0.8	4.4
5	18.7	27.5	21.5	81.3	21.407	18.5	14.6	0.0	14.6	1.8
6	16.4	27.2	21.1	79.2	15.858	17.4	0.0	0.2	0.2	4.3
7	18.9	30.1	23.2	67.7	18.527	16.1	0.0	0.0	0.0	7.5
8	16.0	31.0	23.2	67.5	18.422	16.2	0.0	0.0	0.0	7.9
9	15.6	32.0	24.7	59.5	16.566	14.3	0.0	0.0	0.0	6.6
10	17.7	32.0	25.1	56.8	16.229	13.9	0.0	0.0	0.0	5.7
11	14.8	32.3	23.4	66.6	17.786	15.7	0.0	0.0	0.0	9.7
12	19.8	28.3	21.8	81.9	21.499	18.6	2.0	0.0	2.0	2.0
13	15.0	33.0	23.9	69.4	18.816	16.5	0.0	0.0	0.0	7.5
14	16.8	34.1	25.7	59.8	17.213	15.0	0.0	0.0	0.0	9.9
15	19.8	32.2	24.7	61.5	18.262	16.0	0.0	0.0	0.0	7.4
16	18.5	34.0	25.6	62.2	18.661	16.3	0.0	0.0	0.0	7.2
17	17.2	32.5	26.2	66.5	20.872	18.2	0.0	0.0	0.0	6.6
18	18.5	26.6	23.1	74.6	20.656	18.0	0.0	0.0	0.0	2.1
19	17.5	29.4	22.4	74.2	19.478	17.1	0.0	0.0	0.0	8.3
20	15.0	33.6	23.5	71.5	19.516	17.1	0.0	0.0	0.0	3.2
21	17.0	28.5	23.2	71.6	19.265	16.9	0.0	0.0	0.0	4.6
22	18.0	34.0	25.4	65.6	19.686	17.2	0.0	0.0	0.0	7.5
23	18.9	30.6	24.2	71.3	21.220	18.4	0.0	0.0	0.0	4.8
24	15.7	28.0	22.0	82.9	21.866	18.9	0.2	0.0	0.2	2.4
25	17.6	29.0	22.9	77.0	20.978	18.3	0.0	0.0	0.0	3.3
26	17.5	28.0	22.6	76.8	20.559	17.9	0.0	0.0	0.0	1.3
27	17.8	30.4	23.7	73.9	20.863	18.1	0.0	0.3	0.3	5.9
28	19.5	25.9	20.6	93.1	22.702	19.5	6.4	0.0	6.4	0.5
29	18.5	28.5	21.4	82.0	20.554	18.2	0.1	0.0	0.1	1.7
30	18.0	30.5	22.8	79.4	21.483	18.6	0.0	0.0	0.0	4.6
31	16.0	32.0	24.2	67.2	19.526	17.2	0.0	0.0	0.0	8.4
PROM	17.5	30.2	23.3	72.4	19.794	17.2	23.3	1.5	24.8	160.2

ESTACION: PARAGUAYCITO  
 ALTITUD: 1.250

MUNICIPIO: BUENAVISTA AÑO: 1.983  
 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	18.4	30.0	23.0	77.1	21.427	18.5	0.0	0.0	0.0	5.5
2	19.3	30.2	22.8	76.6	21.133	18.4	0.1	0.3	0.4	4.5
3	18.0	27.3	21.7	82.5	21.315	18.5	0.3	0.0	0.3	1.4
4	16.0	31.0	23.9	71.0	20.549	17.9	0.0	0.0	0.0	7.7
5	18.5	28.4	21.7	87.1	22.907	19.6	2.3	7.4	9.7	4.4
6	18.0	24.8	20.7	91.4	22.687	19.5	3.8	0.5	4.3	2.1
7	17.6	26.9	22.6	77.1	20.326	17.7	0.0	0.0	0.0	3.0
8	15.8	28.6	21.1	78.4	19.228	16.8	1.8	0.0	1.8	3.1
9	17.5	26.9	22.3	77.9	20.781	18.1	0.0	0.0	0.0	2.5
10	16.5	26.6	20.6	78.8	19.369	17.0	20.4	0.0	20.4	1.6
11	16.1	26.9	20.9	80.7	19.511	17.1	0.0	0.0	0.0	4.2
12	17.2	30.5	22.3	76.5	20.129	17.6	0.0	0.0	0.0	6.1
13	17.5	28.9	22.2	79.6	20.965	18.2	0.0	0.0	0.0	4.0
14	18.2	28.4	21.8	82.0	21.340	18.5	0.0	0.0	0.0	3.5
15	16.7	27.6	21.8	76.2	19.786	17.3	0.0	0.0	0.0	3.5
16	18.5	28.0	21.6	85.7	22.392	19.2	1.4	1.4	2.8	4.3
17	18.5	27.9	21.3	83.0	20.928	18.2	2.3	1.4	3.7	3.4
18	17.0	29.8	21.4	80.3	20.122	17.6	0.0	0.0	0.0	6.6
19	17.5	29.4	23.0	73.4	20.491	17.9	0.0	0.0	0.0	6.1
20	18.0	30.0	22.5	77.4	20.779	18.0	1.5	0.0	1.5	4.7
21	17.5	29.5	23.4	65.2	18.435	16.2	0.0	6.5	6.5	6.7
22	18.0	26.8	20.7	81.3	19.815	17.4	1.6	0.0	1.6	3.6
23	16.0	30.9	23.5	70.2	19.501	17.1	0.0	0.0	0.0	7.6
24	17.3	30.5	22.6	76.4	20.556	17.9	0.0	0.2	0.2	4.7
25	16.3	31.7	24.4	70.4	20.660	18.0	0.0	0.0	0.0	7.7
26	16.2	29.8	21.9	73.1	18.711	16.5	0.0	0.0	0.0	4.3
27	16.1	32.0	22.7	77.6	20.743	18.0	3.7	0.0	3.7	7.8
28	17.0	27.0	22.2	81.2	21.688	18.8	0.1	0.3	0.4	2.8
29	17.4	31.0	22.9	73.2	20.075	17.6	0.0	0.0	0.0	7.4
30	17.5	28.7	21.6	79.8	20.488	17.9	0.0	0.0	0.0	3.0
PROM.	17.4	28.9	22.2	78.0	20.563	17.9	39.3	18.0	57.3	137.8

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	27.5	23.0	72.9	19.965	17.5	0.0	0.0	0.0	3.7
2	17.0	27.3	21.7	81.4	21.182	18.4	0.2	0.1	0.3	2.8
3	16.5	28.4	21.5	81.1	20.576	17.9	2.2	0.5	2.7	4.2
4	17.0	29.6	21.6	81.5	20.957	18.2	1.6	0.0	1.6	5.3
5	18.0	28.4	23.0	78.0	21.354	18.5	0.0	0.0	0.0	3.5
6	18.0	32.0	23.0	74.0	20.735	18.1	0.0	0.0	0.0	4.8
7	15.5	27.8	22.1	79.0	20.506	17.9	0.0	0.0	0.0	0.6
8	16.3	28.5	21.6	77.5	19.920	17.4	0.5	14.9	15.4	3.9
9	17.4	29.0	21.6	79.5	20.220	17.7	0.0	0.0	0.0	6.0
10	17.0	29.2	23.1	75.8	20.794	18.1	0.0	1.6	1.6	6.1
11	17.8	28.5	21.8	81.3	21.215	18.4	0.9	0.0	0.9	4.7
12	15.4	29.6	21.2	82.6	20.483	17.8	5.5	56.7	62.2	3.8
13	16.6	24.0	20.0	86.4	20.228	17.7	0.0	0.9	0.9	0.5
14	16.5	25.0	20.1	82.8	19.269	16.9	0.6	2.5	3.1	1.2
15	17.1	24.5	18.9	86.0	19.215	16.9	7.7	0.8	8.5	0.2
16	16.0	24.3	19.1	87.2	19.423	17.0	2.2	0.2	2.4	0.3
17	15.5	29.5	20.8	76.8	18.660	16.4	0.0	0.0	0.0	8.1
18	15.3	30.0	22.6	75.5	19.719	17.2	0.0	2.4	2.4	10.5
19	17.3	25.4	20.1	86.7	20.940	18.2	7.8	0.7	8.5	0.3
20	16.0	28.8	20.8	81.1	19.832	17.3	2.5	0.0	2.5	7.2
21	16.0	28.6	21.3	75.1	18.817	16.5	0.0	0.0	0.0	5.8
22	15.0	29.8	22.4	74.3	19.444	17.0	0.0	46.7	46.7	9.6
23	17.3	29.3	22.0	77.5	20.194	17.6	0.0	0.0	0.0	4.3
24	16.5	28.6	21.8	78.6	20.012	17.5	0.0	0.0	0.0	5.8
25	16.8	25.2	20.1	93.0	22.065	19.1	2.3	2.0	4.3	0.0
26	16.2	26.4	20.6	83.4	20.105	17.6	3.1	0.0	3.1	1.8
27	18.0	27.1	20.9	84.2	21.078	18.3	2.2	0.0	2.2	2.0
28	17.0	26.0	20.3	85.5	20.409	17.8	0.6	5.7	6.3	0.5
29	17.6	26.3	20.8	82.4	20.127	17.6	0.5	2.8	3.3	0.7
30	17.6	21.0	19.2	94.2	21.083	18.3	1.1	0.0	1.1	0.0
31	16.6	30.0	22.5	78.5	21.163	18.4	0.0	0.0	0.0	7.6
PROM.	16.7	27.6	21.3	81.1	20.314	17.7	41.5	138.5	180.0	115.8

ESTACION: PARAGUAYCITO

MUNICIPIO: BUENAVISTA AÑO: 1.983

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	17.6	24.5	23.6	72.2	20.232	17.7	0.0	0.0	0.0	7.2
2	18.0	28.3	22.6	78.3	21.431	18.6	0.0	1.7	1.7	4.4
3	17.5	25.7	23.0	80.1	22.028	19.0	0.0	0.0	0.0	3.8
4	17.2	29.8	21.5	86.9	22.465	19.3	5.2	0.0	5.2	4.6
5	16.5	29.4	22.1	81.5	21.381	18.6	0.0	0.0	0.0	7.5
6	16.8	28.3	22.5	80.7	21.604	18.7	0.0	0.0	0.0	3.6
7	16.0	29.5	21.8	80.6	20.827	18.1	0.0	0.0	0.0	6.6
8	17.5	25.0	20.4	87.5	21.225	18.4	0.0	0.0	0.0	0.0
9	17.8	24.7	22.2	76.3	20.031	17.5	0.0	0.0	0.0	4.3
10	17.5	28.7	21.3	81.6	20.605	17.9	1.6	0.0	1.6	3.8
11	14.7	27.8	21.1	80.7	19.959	17.5	0.0	14.6	14.6	3.7
12	17.5	28.0	20.7	83.1	20.152	17.6	0.0	0.0	0.0	4.2
13	15.3	30.4	20.6	82.3	19.916	17.4	12.2	0.6	12.8	8.6
14	15.0	27.0	20.0	79.1	18.290	16.1	0.0	2.5	2.5	5.7
15	17.7	28.2	20.9	80.6	19.614	17.2	1.0	0.0	1.0	3.6
16	16.5	29.1	21.6	78.2	19.889	17.4	0.0	0.0	0.0	5.2
17	16.8	26.8	20.6	84.8	20.808	18.1	8.5	0.0	8.5	3.0
18	14.7	28.0	20.9	82.1	20.311	17.8	0.0	0.0	0.0	6.7
19	16.5	29.5	22.7	77.8	20.819	18.1	0.0	0.0	0.0	5.8
20	18.7	28.5	22.7	81.9	22.463	19.4	0.0	0.0	0.0	4.1
21	17.5	28.7	21.5	84.9	21.603	18.7	3.7	0.0	3.7	3.7
22	19.2	27.2	22.2	81.9	21.752	18.8	0.0	0.0	0.0	2.3
23	18.0	30.5	21.6	78.8	20.041	17.5	0.0	0.3	0.3	6.7
24	17.6	24.5	20.2	88.5	20.997	18.3	30.5	31.5	62.0	1.7
25	14.6	29.4	21.5	77.1	19.127	16.8	0.0	0.0	0.0	7.5
26	15.6	29.4	22.1	76.8	20.055	17.5	0.0	0.0	0.0	6.3
27	15.8	28.0	20.6	83.9	20.224	17.7	23.0	1.0	24.0	5.6
28	17.9	26.0	20.5	85.3	20.605	18.0	1.0	1.0	2.0	0.5
29	16.6	28.0	20.8	83.4	20.191	17.6	11.0	3.0	14.0	6.1
30	17.4	25.2	19.2	89.0	19.562	17.5	27.0	0.0	27.0	0.2
PROM.	16.9	28.2	21.4	81.5	20.623	18.0	125.0	56.2	181.2	137.0

## 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	16.1	28.3	20.5	79.8	19.147	16.8	0.0	0.0	0.0	6.9
2	16.6	28.0	20.9	81.7	19.904	17.4	0.0	0.0	0.0	5.6
3	17.7	28.0	20.7	85.8	21.286	18.5	40.0	30.0	70.0	3.7
4	17.0	25.4	20.3	88.4	20.873	18.1	1.0	1.0	2.0	1.9
5	16.6	26.1	20.9	83.1	20.169	17.6	0.0	16.5	16.5	1.3
6	17.2	27.1	20.3	84.2	20.058	17.5	33.8	1.3	35.1	3.0
7	17.0	28.3	21.4	78.6	19.701	17.3	0.0	0.2	0.2	8.0
8	17.0	28.1	20.8	79.7	19.255	16.9	0.0	11.6	11.6	5.0
9	16.3	27.0	20.2	84.4	19.962	17.5	13.2	14.9	28.1	4.9
10	16.4	26.0	19.2	84.8	18.963	16.7	2.7	0.0	2.7	1.7
11	15.5	28.5	21.1	75.4	18.375	16.2	0.0	16.7	16.7	7.1
12	16.5	28.0	20.3	80.2	19.125	16.8	9.2	0.0	9.2	7.2
13	16.6	26.4	20.8	80.1	19.275	16.9	0.0	0.0	0.0	4.9
14	17.2	26.5	20.6	82.5	19.576	17.5	0.0	0.0	0.0	1.6
15	16.6	27.0	20.9	80.7	19.664	17.2	0.0	0.0	0.0	3.2
16	17.5	26.0	20.0	85.9	20.088	17.6	0.5	4.1	4.6	0.5
17	18.0	25.9	20.0	88.9	21.076	18.3	22.2	0.0	22.2	1.6
18	15.6	28.6	21.9	76.2	19.255	16.9	0.0	19.8	19.8	6.4
19	17.2	30.0	22.3	76.6	19.759	17.3	0.0	11.7	11.7	5.4
20	18.0	26.8	21.7	81.7	20.711	18.0	0.0	0.0	0.0	4.9
21	18.3	29.0	21.1	83.6	21.057	18.3	5.3	0.0	5.3	5.7
22	17.2	28.5	21.0	82.8	20.492	17.9	0.0	0.0	0.0	5.4
23	16.0	28.3	21.6	78.8	19.977	17.5	0.0	0.0	0.0	6.1
24	17.0	29.0	21.4	80.7	20.356	17.8	0.0	0.0	0.0	6.8
25	16.5	30.5	22.5	75.5	19.976	17.5	0.0	0.0	0.0	6.9
26	17.6	27.1	20.8	83.2	20.684	18.0	3.4	0.0	3.4	0.5
27	14.4	27.5	20.0	78.7	18.001	15.8	0.0	0.0	0.0	5.3
28	15.5	29.2	21.6	76.0	18.875	16.6	0.0	0.0	0.0	8.4
29	17.6	27.9	20.7	84.0	20.431	17.8	6.7	15.5	22.2	3.5
30	17.6	27.0	20.5	85.9	20.826	18.1	5.6	0.5	6.1	1.1
31	17.2	27.0	20.0	85.8	20.134	17.6	39.9	21.8	61.7	2.4
PROM.	16.8	27.6	20.8	81.7	19.920	17.4	183.5	165.6	349.1	136.9

ESTACION: PARAGUAYCITO

MUNICIPIO BUENAVISTA

AÑO: 1.983

ALTITUD: 1.250

LATITUD: 4-23 N.

LONGITUD: 75-44 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	18.2	30.2	23.4	16.0	32.4	75.0	20.896	18.2	98.4	8	176.9
FEBRERO	17.8	30.6	23.6	15.8	32.8	72.3	20.265	17.7	47.6	8	163.0
MARZO	18.5	29.6	23.0	16.5	32.0	74.2	20.466	17.8	178.3	16	125.8
ABRIL	18.3	28.1	22.1	16.4	32.0	80.9	21.138	18.3	304.5	23	89.8
MAYO	18.4	29.3	22.7	16.4	33.5	82.5	22.686	19.5	186.9	24	130.9
JUNIO	17.5	29.0	22.5	15.0	31.4	80.9	21.830	18.9	89.4	14	148.4
JULIO	17.5	30.2	23.0	14.2	33.5	74.4	20.110	17.5	14.9	8	169.4
AGOSTO	17.5	30.2	23.3	14.5	34.1	72.4	15.794	17.2	24.8	8	160.2
SEPTIEMBRE	17.4	28.9	22.2	15.8	32.0	78.0	20.563	17.9	57.3	14	137.8
OCTUBRE	16.7	27.6	21.3	15.0	32.0	81.1	20.314	17.7	180.0	21	115.8
NOVIEMBRE	16.9	28.2	21.4	14.6	30.5	81.5	20.623	18.0	181.2	16	137.0
DICIEMBRE	16.8	27.6	20.8	14.4	30.5	81.7	15.920	17.4	349.1	19	136.9
PROMEDIO	17.6	29.1	22.4	15.4	32.2	77.9	20.717	18.0			
TOTAL									1712.4	179	1691.9

ESTACION: EL JAZMIN

MUNICIPIO: STA. ROSA DE C.

AÑO: 1983

ALTITUD: 1.600

LATITUD: 4-55 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	16.4	27.0	22.1	75.3	19.559	17.1	0.0	0.0	0.0	6.5
2	15.0	25.0	19.8	85.2	19.616	17.2	0.0	0.0	0.0	4.4
3	14.0	25.0	19.6	84.2	19.176	16.8	0.0	2.3	2.3	3.1
4	15.4	23.0	18.2	91.4	18.933	16.6	3.7	0.0	3.7	0.6
5	14.8	24.0	19.6	85.4	19.545	17.1	0.0	0.0	0.0	1.0
6	15.4	25.1	20.2	81.8	19.162	16.8	0.0	0.0	0.0	5.0
7	15.0	26.4	22.1	75.6	20.837	18.1	0.0	0.0	0.0	4.5
8	16.0	26.0	21.5	87.7	21.826	18.9	0.0	0.0	0.0	8.2
9	16.0	26.2	20.9	79.7	19.640	17.2	0.0	2.9	2.9	
10	15.3	26.4	20.5	83.4	20.005	17.5	0.0	0.0	0.0	
11	15.3	27.0	21.0	81.6	20.156	17.5	0.0	0.0	0.0	
12	16.3	24.0	20.2	66.6	20.610	18.0	0.0	0.0	0.0	0.2
13	15.2	29.4	22.0	81.0	20.786	18.1	0.0	0.6	0.6	8.6
14	17.2	27.0	23.0	72.9	20.001	17.5	0.0	1.1	1.1	6.0
15	16.6	28.2	22.6	82.0	22.456	19.2	0.0	0.0	0.0	8.2
16	17.3	27.1	21.3	86.3	21.842	18.9	0.0	0.0	0.0	6.3
17	16.2	26.0	21.6	79.8	20.495	17.9	0.0	0.0	0.0	8.4
18	15.6	28.8	21.9	73.6	19.127	16.8	0.0	0.0	0.0	8.5
19	16.0	28.6	22.3	79.0	20.857	18.1	0.0	0.0	0.0	
20	16.0	27.1	21.5	77.0	19.419	17.0	0.0	0.0	0.0	0.5
21	15.6	27.4	22.9	75.6	20.455	17.8	0.0	0.0	0.0	6.6
22	15.8	30.2	23.8	72.7	20.597	17.9	0.0	0.0	0.0	9.7
23	16.0	29.0	21.1	73.5	18.326	16.1	0.0	0.0	0.0	5.7
24	15.2	29.4	21.9	74.4	19.291	16.9	0.0	0.0	0.0	9.5
25	15.0	29.9	21.9	77.5	20.041	17.4	0.0	0.0	0.0	9.4
26	16.2	28.0	22.2	81.8	21.891	18.8	0.0	10.0	10.0	5.4
27	16.2	25.0	20.2	87.5	20.543	17.9	2.0	0.0	2.0	5.2
28	16.5	28.0	21.4	82.9	20.833	18.1	0.0	0.0	0.0	7.1
29	17.3	27.4	21.5	80.4	20.293	17.7	0.0	0.0	0.0	3.8
30	16.8	27.1	22.0	77.3	20.172	17.6	0.0	2.7	2.7	6.7
31	16.4	24.0	19.3	93.2	20.763	18.1	5.7	0.0	5.7	2.0
PROM.	15.9	26.9	21.3	81.0	20.238	17.6	11.4	21.2	32.6	

## M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	28.3	21.7	78.2	20.071	17.5	0.0	0.0	0.0	6.9
2	15.5	28.2	20.8	81.9	20.186	17.6	0.0	0.0	0.0	6.8
3	15.2	29.8	22.1	74.9	19.676	17.2	0.0	0.0	0.0	8.5
4	17.0	27.0	20.8	85.5	21.265	18.4	0.0	5.1	5.1	3.9
5	17.0	24.8	19.0	85.7	19.478	17.1	0.0	1.5	1.5	4.6
6	15.6	25.8	20.5	81.0	19.506	17.1	0.0	36.3	36.3	6.0
7	14.5	25.0	18.4	88.2	18.891	16.6	0.3	0.3	0.6	6.2
8	14.3	26.6	19.2	80.6	17.938	15.8	0.0	0.0	0.0	8.5
9	15.3	26.8	20.2	82.5	19.420	17.0	0.3	52.8	53.1	6.7
10	15.3	27.3	20.1	82.5	19.436	17.0	0.7	0.0	0.7	6.2
11	16.3	26.0	20.8	78.8	19.577	17.1	0.0	0.0	0.0	6.3
12	16.7	27.0	19.7	84.2	19.882	17.3	0.0	0.0	0.0	5.0
13	16.0	24.5	20.0	81.9	19.148	16.7	0.0	0.0	0.0	5.9
14	14.0	27.8	20.4	79.8	18.826	16.5	0.0	0.0	0.0	7.8
15	13.6	28.0	21.7	70.0	17.378	15.3	0.0	0.0	0.0	6.6
16	14.3	27.0	20.4	83.9	19.829	17.3	0.0	0.0	0.0	5.2
17	15.2	28.0	20.1	82.2	19.598	17.0	0.0	2.9	2.9	5.0
18	14.6	26.0	20.3	80.4	19.261	16.9	0.0	0.2	0.2	5.2
19	14.3	27.0	20.9	80.0	19.670	17.2	0.0	0.0	0.0	8.3
20	15.0	28.6	21.6	75.8	19.576	17.2	0.0	0.0	0.0	8.3
21	16.0	24.8	19.6	92.0	21.242	18.4	0.0	0.0	0.0	2.7
22	15.5	29.0	22.0	77.4	20.009	17.5	0.0	15.6	15.6	7.3
23	15.2	27.0	20.9	84.5	20.686	18.0	0.7	0.0	0.7	4.0
24	16.0	28.0	20.6	82.3	20.060	17.5	0.0	0.0	0.0	4.2
25	17.0	27.0	21.6	83.7	21.616	18.7	0.0	0.0	0.0	2.8
26	16.5	29.0	21.7	79.0	21.036	18.2	0.0	0.0	0.0	7.0
27	15.5	28.0	21.4	82.8	21.520	18.6	0.0	0.0	0.0	5.0
28	16.4	28.2	21.4	83.8	21.201	18.4	0.0	0.0	0.0	4.8
PROM.	15.5	27.2	20.6	81.6	19.856	17.3	2.0	114.7	116.7	165.9

ESTACION: EL JAZMIN

MUNICIPIO: STA. ROSA DE C.

AÑO: 1983

ALTITUD: 1.600

LATITUD: 4-55 N.

LONGITUD: 75-38 W.

## M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	27.2	20.6	91.7	22.188	19.1	1.6	3.0	4.6	2.7
2	16.3	27.2	20.7	84.2	20.458	17.9	0.0	0.1	0.1	3.2
3	16.4	26.2	20.2	89.7	21.432	18.0	0.0	0.0	0.0	2.4
4	16.0	26.0	20.8	84.1	20.755	18.1	0.9	0.0	0.9	5.3
5	16.5	27.5	21.4	84.3	21.613	18.0	0.0	0.0	0.0	3.8
6	17.0	26.3	19.6	87.8	20.591	18.0	7.4	8.9	16.3	3.0
7	16.0	22.0	18.8	91.3	20.028	17.5	0.0	5.0	5.0	0.4
8	16.0	22.0	18.3	91.1	19.464	17.1	14.1	0.0	14.1	1.0
9	15.6	27.0	19.0	80.8	18.145	16.0	3.4	0.7	4.1	2.9
10	16.0	21.6	17.4	92.8	18.813	16.5	37.9	0.0	37.9	1.3
11	14.0	26.0	19.6	82.5	19.183	16.8	39.3	0.0	39.3	6.0
12	15.4	28.0	21.3	83.3	21.146	18.3	0.0	0.0	0.0	7.0
13	16.2	27.0	20.7	82.1	20.096	17.5	0.0	29.8	29.8	4.4
14	15.3	22.4	18.7	93.1	20.317	17.7	1.7	0.0	1.7	1.0
15	14.5	28.0	21.2	78.4	19.461	17.1	0.0	0.0	0.0	7.1
16	15.5	28.0	21.6	86.7	22.259	19.2	0.0	0.0	0.0	6.7
17	16.6	23.4	18.5	97.6	21.012	18.3	3.2	0.0	3.2	0.9
18	14.4	27.0	20.4	83.8	19.988	17.4	0.0	0.0	0.0	6.7
19	16.5	28.5	22.0	77.6	20.312	17.7	0.0	0.0	0.0	6.0
20	17.0	28.3	20.9	76.7	19.355	16.8	0.0	0.0	0.0	2.3
21	16.5	26.1	21.1	84.2	21.027	18.3	0.0	0.0	0.0	3.1
22	16.3	28.8	20.7	76.2	18.610	16.4	0.0	0.8	0.8	6.3
23	16.0	28.0	21.2	77.8	19.218	16.9	0.0	4.1	4.1	7.0
24	15.5	25.8	19.7	90.0	21.163	18.3	0.9	14.9	15.8	1.3
25	15.2	20.0	17.4	96.1	19.677	17.2	7.3	0.0	7.3	0.1
26	16.5	23.6	18.0	92.1	19.387	17.0	5.4	19.7	25.1	1.1
27	15.5	25.3	19.9	85.5	19.703	17.2	0.1	0.0	0.1	3.6
28	15.2	25.0	20.1	81.6	19.205	16.8	39.0	0.0	39.0	5.8
29	14.0	28.0	18.5	81.3	17.772	15.6	29.0	0.0	29.0	4.7
30	14.3	25.4	19.2	85.6	19.392	17.0	0.0	0.0	0.0	4.5
31	15.0	26.4	19.7	82.2	19.670	17.2	0.3	13.6	13.9	6.7
PROM.	15.8	25.9	19.9	85.6	20.049	17.5	191.5	100.6	292.1	118.3

## M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	27.5	20.3	79.6	18.477	16.2	0.0	0.0	0.0	7.4
2	15.0	27.5	20.2	81.0	19.282	16.8	0.0	0.0	0.0	1.0
3	15.3	25.0	18.4	88.5	18.811	16.5	0.9	0.0	0.9	2.9
4	14.5	25.3	20.8	84.8	20.514	17.9	0.0	0.0	0.0	2.1
5	15.2	26.0	20.2	84.6	20.514	17.8	42.2	0.6	42.8	3.5
6	15.0	22.7	17.2	96.0	18.823	16.5	8.5	0.0	8.5	1.1
7	14.0	19.7	16.1	97.0	18.270	16.0	41.8	0.0	41.8	3.8
8	13.0	24.6	21.2	78.0	18.310	16.1	0.0	0.0	0.0	0.0
9	15.0	19.0	17.6	95.2	19.112	16.8	8.9	1.5	10.4	1.3
10	14.2	24.2	20.4	87.1	20.830	18.1	7.0	31.9	38.9	0.2
11	14.5	20.0	15.8	96.8	17.615	15.5	5.5	0.4	5.9	0.2
12	13.2	24.2	18.6	88.9	19.605	17.1	14.5	1.1	15.6	4.7
13	14.5	21.0	18.8	98.3	21.717	18.8	9.0	0.0	9.0	0.1
14	13.0	21.6	19.1	93.8	20.811	18.1	1.2	0.0	1.2	0.0
15	13.2	22.4	18.2	88.1	18.751	16.4	0.0	153.2	153.2	4.2
16	13.2	20.6	18.3	97.3	20.313	17.7	6.8	0.0	6.8	0.8
17	12.4	22.4	18.9	90.1	19.592	17.1	2.9	2.7	5.6	3.4
18	14.5	18.4	16.7	96.6	18.521	16.3	5.6	0.0	5.6	0.1
19	12.5	25.0	18.1	90.0	18.942	16.6	6.6	0.0	6.6	5.4
20	14.5	23.2	18.6	91.1	19.621	17.2	0.4	53.4	53.8	3.1
21	13.2	19.3	16.6	95.2	17.853	15.7	0.2	1.6	1.8	1.7
22	13.5	22.0	18.0	89.0	18.618	16.4	0.0	0.0	0.0	1.7
23	15.0	25.6	19.0	85.8	19.287	16.9	18.4	4.8	23.2	1.1
24	14.2	23.3	18.3	89.7	19.396	17.0	0.0	0.0	0.0	0.6
25	14.6	25.1	21.1	84.4	20.815	18.1	0.0	11.1	11.1	3.6
26	15.0	21.6	17.8	81.7	16.646	14.6	0.0	0.0	0.0	0.4
27	15.0	23.0	18.5	89.2	18.793	16.5	0.6	14.4	15.0	3.7
28	13.6	20.4	15.9	95.5	17.355	15.3	0.8	0.0	0.8	0.7
29	13.2	22.0	18.0	93.7	19.713	17.2	6.9	8.1	15.0	1.5
30	13.2	24.2	19.7	90.8	20.865	18.1	9.3	0.4	9.7	6.8
PROM.	14.1	22.9	18.5	89.9	19.261	16.8	198.0	245.2	483.2	163

ESTACION: EL JAZMIN

MUNICIPIO: STA. ROSA DE C.

AÑO: 1983

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	15.0	24.4	19.9	92.1	21.300	18.5	0.0	0.2	0.2	0.0
2	15.4	22.6	17.6	91.7	18.873	16.6	0.1	9.5	9.6	3.3
3	11.2	20.0	15.4	98.8	17.550	15.3	0.4	0.0	0.4	3.8
4	11.3	20.1	16.2	91.5	17.148	15.1	0.5	0.0	0.5	2.1
5	13.2	23.4	19.0	92.0	20.144	17.6	0.0	0.3	0.3	2.9
6	13.0	21.8	16.7	97.0	19.142	16.7	0.0	0.0	0.0	2.6
7	13.4	19.4	16.6	98.2	19.301	16.9	0.3	0.7	1.0	0.4
8	13.0	23.0	18.3	89.5	18.704	16.4	0.5	0.0	0.5	3.7
9	15.0	26.6	20.9	86.5	21.254	18.4	9.0	0.0	9.0	7.9
10	17.0	25.2	20.8	92.1	22.639	19.4	0.0	0.5	0.5	5.6
11	17.2	27.0	21.6	90.6	23.816	20.3	2.3	0.5	2.8	3.1
12	17.0	25.6	21.2	91.6	23.243	19.9	0.1	0.0	0.1	3.4
13	16.0	25.4	20.9	91.3	22.818	19.6	0.3	0.0	0.3	3.6
14	15.6	26.3	20.2	90.4	21.416	18.5	0.0	0.0	0.0	4.7
15	18.0	24.0	19.7	98.0	22.557	19.4	1.6	5.0	6.6	0.7
16	14.5	22.0	17.6	96.4	19.646	17.2	5.3	0.8	6.1	0.3
17	14.0	26.0	20.2	87.8	20.725	18.0	0.0	2.5	2.5	6.0
18	15.4	22.0	17.7	92.1	20.084	17.5	1.6	0.2	1.8	0.0
19	14.6	26.0	19.5	94.3	21.754	18.8	0.0	0.0	0.0	2.3
20	17.0	24.3	20.0	94.9	22.082	19.0	3.8	0.3	4.1	4.9
21	16.0	26.0	20.3	90.1	21.939	19.0	1.2	4.1	5.3	4.3
22	15.0	25.4	20.3	91.7	21.930	18.9	0.0	6.8	6.8	4.1
23	13.2	26.0	18.2	93.8	19.982	17.5	8.0	33.0	41.0	5.0
24	14.6	26.6	20.5	91.5	22.231	19.1	0.0	0.0	0.0	6.0
25	15.1	25.1	18.9	95.9	21.421	18.5	0.0	5.4	5.4	5.9
26	16.2	24.2	20.3	97.2	23.336	19.9	16.9	3.5	20.4	3.2
27	14.4	20.2	16.9	98.5	19.250	16.9	16.0	0.0	16.0	3.2
28	14.2	20.2	17.9	98.1	20.374	17.7	38.2	21.8	60.0	0.0
29	14.2	26.0	20.2	90.2	21.348	18.4	0.6	0.0	0.6	5.4
30	15.0	26.0	18.5	91.4	19.918	17.4	0.7	0.0	0.7	6.9
31	15.0	25.8	18.5	91.3	20.002	17.5	0.3	0.0	0.3	4.9
PROM.	14.8	24.1	19.0	93.3	20.838	18.1	107.7	95.1	202.8	107.2

## 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	15.0	22.3	18.4	95.5	20.276	17.7	0.0	2.5	2.5	0.3
2	15.6	23.3	19.3	93.8	21.249	18.4	0.0	54.3	54.3	3.1
3	14.5	22.2	19.5	95.3	21.771	18.8	5.5	10.1	15.6	1.0
4	16.2	22.2	18.6	94.9	20.876	18.1	0.1	6.5	6.6	1.2
5	14.3	22.2	17.8	95.7	19.700	17.3	1.3	0.0	1.3	2.9
6	15.2	22.5	18.7	90.4	19.740	17.3	8.7	0.0	8.7	3.3
7	15.0	24.0	19.8	90.1	20.660	17.9	0.0	4.1	4.1	4.8
8	17.0	22.5	18.1	98.2	20.436	17.8	6.1	0.1	6.2	0.0
9	12.5	26.0	16.7	90.3	17.264	15.2	0.0	0.0	0.0	10.4
10	14.0	25.2	20.0	91.5	21.304	18.4	11.1	0.0	11.1	6.4
11	14.0	24.2	17.9	98.8	20.221	17.7	0.2	6.9	7.1	1.2
12	13.0	22.4	18.7	93.9	20.047	17.4	0.2	0.0	0.2	5.9
13	13.6	26.2	18.1	91.0	18.675	16.4	3.0	0.0	3.0	3.9
14	16.0	27.0	20.2	89.8	21.328	18.5	0.0	0.0	0.0	8.6
15	16.0	26.0	19.5	90.0	20.804	18.1	36.2	0.0	36.2	4.2
16	14.6	26.0	19.9	88.6	21.090	18.3	0.0	2.2	2.2	5.6
17	13.0	27.0	20.3	94.8	22.635	19.4	0.0	0.0	0.0	2.7
18	15.0	27.4	21.4	86.5	21.589	18.7	0.0	0.0	0.0	8.9
19	14.3	27.0	20.9	84.3	21.025	18.3	0.0	7.0	7.0	7.0
20	16.5	24.0	20.7	91.7	22.611	19.4	0.3	0.0	0.3	1.9
21	15.0	27.2	20.8	79.4	19.482	17.0	0.0	0.0	0.0	7.2
22	14.5	26.2	19.0	95.4	21.410	18.5	1.9	1.1	3.0	6.3
23	15.5	27.0	20.9	86.1	21.436	18.6	0.0	0.0	0.0	6.1
24	15.5	27.0	21.5	84.7	21.417	18.6	0.0	0.0	0.0	7.9
25	14.0	27.0	20.7	82.0	19.901	17.4	0.2	0.0	0.2	7.2
26	14.0	27.0	20.4	88.1	21.130	18.4	0.0	0.0	0.0	7.6
27	14.4	27.2	19.9	83.9	19.504	17.1	0.0	0.3	0.3	8.1
28	15.2	23.2	18.8	95.9	20.965	18.2	2.1	0.0	2.1	0.7
29	14.3	22.4	18.6	95.3	20.456	17.8	0.8	0.2	1.0	1.0
30	12.0	23.3	17.7	94.3	19.148	16.6	1.3	0.0	1.3	4.1
PROM.	14.7	24.9	19.4	91.0	20.605	17.9	79.0	95.3	174.3	139.5

ESTACION: EL JAZMIN  
 ALTITUD: 1.600

MUNICIPIO: STA. ROSA DE C. AÑO: 1983  
 LATITUD: 4-55 N. LONGITUD: 75-38 W.

M E S - J U L I O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.3	24.9	18.4	92.1	19.475	17.1	0.6	0.0	0.6	4.3
2	14.0	24.0	20.4	92.2	22.146	19.1	0.0	0.0	0.0	2.8
3	14.0	26.2	20.0	87.1	20.160	17.6	0.0	0.0	0.0	6.9
4	15.0	27.2	20.4	93.8	22.550	19.3	0.6	43.8	44.4	3.6
5	16.0	24.0	18.4	95.9	20.468	17.8	14.7	0.0	14.7	0.7
6	15.0	27.3	20.1	86.2	20.094	17.5	0.0	0.0	0.0	8.5
7	16.2	27.0	21.4	86.3	21.962	19.0	0.0	5.5	5.5	5.8
8	17.2	23.6	20.4	90.0	21.404	18.6	0.0	17.8	17.8	4.2
9	14.3	22.0	19.4	93.5	20.780	18.1	1.9	5.9	7.8	0.8
10	16.0	26.4	20.2	88.8	20.909	18.2	0.0	1.3	1.3	7.4
11	15.6	25.2	20.0	89.7	20.775	18.1	0.0	0.9	0.9	5.6
12	15.6	27.2	20.5	80.1	19.218	16.9	0.0	0.0	0.0	7.3
13	17.2	28.6	22.3	76.6	20.126	17.6	0.0	0.0	0.0	10.8
14	15.8	27.3	20.7	86.1	21.034	18.3	0.0	0.0	0.0	7.6
15	15.6	25.0	19.5	91.5	21.340	18.5	11.3	0.0	11.3	3.4
16	16.1	25.3	19.7	91.6	21.405	18.5	2.7	3.1	5.8	3.9
17	14.8	25.0	20.2	91.3	21.584	18.6	0.0	0.0	0.0	6.4
18	15.8	28.6	21.0	76.3	18.448	16.2	0.0	0.0	0.0	10.3
19	16.8	26.2	21.0	83.4	20.904	18.2	0.0	0.0	0.0	3.9
20	15.6	27.8	20.9	79.7	19.581	17.2	0.0	0.7	0.7	7.9
21	16.8	28.2	21.8	81.2	21.316	18.5	0.0	4.7	4.7	6.9
22	16.0	22.2	18.8	95.2	20.912	18.2	0.1	0.0	0.1	0.8
23	16.0	21.6	18.4	95.4	20.260	17.7	1.2	0.0	1.2	1.7
24	14.6	26.9	19.4	82.1	18.309	16.1	0.0	0.0	0.0	8.8
25	14.6	28.4	20.9	70.3	16.842	14.8	0.0	0.0	0.0	11.2
26	15.2	28.6	20.9	70.4	17.212	15.1	0.0	0.0	0.0	11.2
27	15.0	24.8	18.9	89.0	19.351	17.0	0.0	0.0	0.0	4.2
28	15.0	27.2	20.2	86.8	20.676	18.0	0.0	0.0	0.0	5.9
29	15.6	27.6	20.5	88.2	21.256	18.4	0.0	0.0	0.0	6.2
30	16.4	24.6	19.3	94.2	20.762	18.0	1.1	3.2	4.3	2.1
31	15.3	24.8	19.0	97.1	21.669	18.7	3.0	0.3	3.3	2.8
PROM.	15.5	25.9	20.1	87.2	20.418	17.8	37.2	87.2	124.4	173.9

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	15.8	21.2	18.8	95.7	20.551	18.0	1.7	0.0	1.7	2.9
2	15.6	24.2	18.4	94.6	20.200	17.6	0.5	0.0	0.5	3.3
3	15.4	25.2	18.5	88.6	18.819	16.5	0.0	0.0	0.0	2.4
4	14.8	25.6	19.8	86.9	20.446	17.7	0.0	42.2	42.2	5.0
5	14.3	20.2	17.4	97.6	19.501	17.1	7.4	0.9	8.3	1.2
6	14.7	24.0	19.3	88.5	19.901	17.4	0.1	10.2	10.3	3.5
7	15.7	26.0	19.9	87.6	20.525	17.9	0.0	0.0	0.0	7.3
8	13.0	26.0	20.2	86.1	20.334	17.7	2.0	0.0	2.0	4.7
9	14.2	27.2	20.7	76.1	18.582	16.3	0.0	0.0	0.0	7.1
10	16.0	28.0	20.6	79.4	18.952	16.6	0.0	0.0	0.0	9.2
11	14.5	28.0	20.5	80.3	19.193	16.8	0.0	2.2	2.2	9.6
12	16.5	24.4	20.1	89.0	20.859	18.2	2.0	0.0	2.0	4.8
13	14.6	28.0	20.5	77.8	18.393	16.2	0.0	0.0	0.0	7.6
14	14.6	28.0	21.0	81.7	20.476	17.8	0.0	0.0	0.0	10.3
15	17.0	27.0	21.0	82.5	20.212	17.7	0.0	0.0	0.0	8.1
16	16.4	26.8	21.7	84.8	21.691	18.8	0.0	0.0	0.0	7.3
17	16.0	27.0	22.0	83.2	21.948	18.9	0.0	0.0	0.0	6.0
18	16.1	23.0	18.5	96.7	20.759	18.1	2.0	0.0	2.0	2.4
19	15.6	24.2	19.7	88.3	20.005	17.5	0.0	0.0	0.0	2.7
20	16.0	26.6	20.9	89.8	22.138	19.0	0.7	9.5	10.2	6.2
21	16.3	25.6	18.3	92.3	19.837	17.4	0.5	0.0	0.5	3.3
22	15.4	27.2	22.2	79.5	20.569	18.0	0.0	0.3	0.3	8.2
23	16.0	26.2	20.7	91.3	21.801	18.8	0.0	3.5	3.5	3.4
24							0.0	0.0	0.0	2.4
25							0.0	0.0	0.0	2.5
26							0.0	0.0	0.0	1.2
27							17.8	25.5	43.3	3.7
28							2.5	0.0	2.5	0.9
29							2.1	10.4	12.5	1.4
30							0.0	0.0	0.0	6.7
31							0.0	0.0	0.0	6.8
PROM.							39.3	104.7	144.0	152.1

ESTACION: EL JAZMIN

MUNICIPIO: STA. ROSA DE C.

AÑO:

1.983

ALTITUD: 1.600

LATITUD: 4-55 N.

LONGITUD: 75-38 W.

## M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.1	26.3	20.4	83.7	19.575	17.2	0.0	2.5	2.5	4.5
2	16.0	26.8	19.4	85.1	19.002	16.7	0.4	0.9	1.3	4.5
3	15.6	23.3	19.4	92.9	20.696	18.0	0.0	0.1	0.1	8.3
4	15.1	26.7	20.0	77.4	17.900	15.7	0.1	1.1	1.2	
5	15.4	25.3	19.4	87.7	15.992	17.4	21.7	8.0	29.7	4.4
6	15.6	22.6	18.2	92.1	19.425	17.0	0.4	5.9	6.3	0.3
7	15.1	23.0	19.3	84.9	18.810	16.5	0.2	0.0	0.2	1.7
8	12.6	24.2	19.8	84.1	19.133	16.8	0.7	1.6	2.3	5.6
9	14.1	24.0	18.7	92.0	19.754	17.2	0.1	0.0	0.1	3.5
10	14.6	24.1	17.8	91.4	19.213	16.8	7.2	3.8	11.0	5.6
11	15.1	24.0	19.4	84.6	18.935	16.6	0.0	0.0	0.0	
12	13.8	25.6	18.9	83.7	18.271	16.0	0.0	0.0	0.0	4.4
13	14.0	24.6	18.5	92.2	19.459	17.0	0.3	3.9	4.2	5.2
14	15.4	24.0	18.7	87.4	18.906	16.6	0.2	0.0	0.2	
15	14.8	24.3	19.1	82.4	18.142	15.9	3.7	5.7	9.4	4.8
16	16.0	23.8	18.4	86.3	18.333	16.1	0.0	1.3	1.3	
17	16.2	25.6	20.2	86.1	20.275	17.7	0.1	0.0	0.1	4.6
18	16.2	25.2	20.5	83.6	15.886	17.4	3.3	0.0	3.3	3.5
19	16.3	26.6	20.6	79.2	19.325	17.0	0.0	0.0	0.0	7.3
20	15.6	24.2	19.5	87.2	19.830	17.3	0.0	0.1	0.1	3.3
21	16.0	26.2	20.5	84.1	19.925	17.4	0.0	10.4	10.4	5.6
22	15.6	25.0	19.8	82.3	18.771	16.5	0.3	0.0	0.3	5.0
23	14.0	26.8	21.2	76.6	18.897	16.5	0.0	0.0	0.0	9.8
24	16.7	26.6	19.8	85.4	19.588	17.1	0.0	0.0	0.0	4.7
25	14.8	27.0	20.8	77.0	18.737	16.4	0.0	0.0	0.0	6.9
26	16.5	26.2	20.5	85.7	20.671	18.0	0.0	0.0	0.0	4.0
27	15.4	27.0	20.9	82.4	20.202	17.6	0.0	7.6	7.6	7.5
28	16.0	24.2	19.7	86.5	19.907	17.4	3.4	0.0	3.4	2.6
29	15.6	27.0	20.9	83.1	20.411	17.8	0.2	0.5	0.7	5.3
30	16.0	25.0	20.9	85.6	21.080	18.3	0.2	0.0	0.2	3.6
PROM.	15.3	25.2	19.7	85.1	19.435	17.0	42.5	53.4	95.9	

## 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	15.6	23.6	19.4	84.8	19.081	16.7	0.0	0.0	0.0	3.9
2	14.5	24.5	19.5	86.9	20.138	17.6	0.4	1.1	1.5	3.1
3	13.6	24.2	18.4	92.0	19.285	16.9	6.4	1.1	7.5	3.4
4	14.5	24.2	20.0	85.9	19.947	17.4	0.0	16.9	16.9	3.7
5	15.2	22.4	19.3	85.7	19.177	16.8	1.3	0.0	1.3	4.4
6	15.5	27.0	20.1	85.5	20.101	17.5	0.0	0.0	0.0	4.8
7	15.0	23.8	19.7	84.8	19.410	17.0	0.0	0.0	0.0	0.8
8	14.5	24.5	18.0	88.0	18.589	16.2	0.0	0.7	0.7	6.0
9	15.5	23.5	18.6	87.3	18.896	16.6	0.0	20.3	20.3	3.6
10	15.2	25.0	20.1	91.0	21.278	18.4	0.0	0.0	0.0	3.8
11	15.3	21.4	17.8	87.9	18.104	15.9	0.6	0.0	0.6	0.8
12	15.0	25.3	19.8	85.3	19.764	17.3	0.0	31.9	31.9	4.7
13	14.6	20.3	17.5	93.6	18.926	16.6	0.0	0.1	0.1	1.7
14	14.2	21.3	18.1	85.9	17.698	15.5	2.4	0.3	2.7	0.7
15	14.0	18.2	15.2	98.1	17.163	15.1	10.6	10.4	21.0	0.0
16	13.5	21.4	16.0	93.1	16.886	14.8	1.0	0.0	1.0	1.8
17	12.5	25.2	18.8	85.4	18.317	16.0	0.0	0.0	0.0	7.8
18	13.5	25.6	19.7	78.6	17.976	15.8	0.0	0.8	0.8	8.2
19	15.5	20.6	17.0	92.6	18.406	16.2	9.4	2.5	11.9	0.0
20	14.0	26.0	18.9	81.9	17.694	15.5	0.0	5.4	5.4	5.5
21	13.0	23.8	18.6	86.0	18.392	16.1	0.0	0.0	0.0	4.8
22	14.0	25.3	17.9	82.5	17.168	15.1	3.9	0.0	3.9	6.7
23	14.5	26.0	19.5	83.2	18.882	16.6	1.4	0.0	1.4	5.5
24	13.6	24.6	18.7	91.9	19.519	17.1	3.3	0.1	3.4	6.9
25	16.1	22.2	17.1	96.9	19.015	16.7	9.4	0.2	9.6	1.4
26	13.1	26.0	19.0	83.0	18.494	16.2	2.3	3.9	6.2	6.5
27	14.7	24.0	17.9	86.5	17.872	15.8	0.0	0.0	0.0	1.4
28	15.3	22.0	17.6	89.6	18.237	16.0	1.0	34.5	35.5	0.6
29	13.6	21.5	17.2	96.9	19.215	16.8	2.5	24.4	26.9	2.7
30	15.2	20.5	16.9	97.3	19.035	16.7	9.0	0.2	9.2	0.2
31	13.5	23.7	16.8	89.4	17.233	15.1	0.0	0.0	0.0	6.1
PROM.	14.4	23.5	18.4	88.3	18.707	16.4	64.9	154.8	219.7	111.5

ESTACION: EL JAZMIN  
 ALTITUD: 1-600

MUNICIPIO: STA. ROSA DE C. AÑO: 1.983  
 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	13.8	25.0	18.2	86.0	17.846	15.6	0.0	5.6	5.6	4.0
2	14.0	22.0	16.8	92.1	17.564	15.4	1.2	1.7	2.9	2.1
3	14.2	23.2	18.6	86.3	18.443	16.2	0.6	5.9	6.5	4.9
4	13.2	23.5	18.0	90.9	18.827	16.4	0.0	0.0	0.0	6.0
5	14.0	24.0	19.0	88.3	19.274	16.8	0.0	0.0	0.0	4.4
6	14.0	23.0	18.7	89.8	19.234	16.8	0.0	0.0	0.0	2.5
7	13.0	20.4	17.1	91.2	17.638	15.4	0.0	1.5	1.5	5.0
8	14.5	15.5	17.4	96.1	19.070	16.8	0.0	0.0	0.0	0.0
9	14.0	26.0	18.4	85.4	17.745	15.6	0.0	9.3	9.3	6.4
10	12.5	23.0	16.6	87.1	16.963	14.9	4.5	0.0	4.5	5.1
11	12.8	21.0	16.1	94.6	17.195	15.4	0.2	0.5	0.7	4.0
12	13.6	23.5	16.5	90.2	17.195	15.1	23.7	0.0	23.7	4.4
13	12.4	24.0	18.1	88.0	18.370	16.0	0.0	3.6	3.6	4.7
14	11.8	23.5	16.3	90.6	16.752	14.6	0.0	0.2	0.2	4.7
15	12.8	23.2	16.9	87.2	16.902	14.8	5.8	0.0	5.8	4.3
16	13.5	24.0	17.9	82.0	17.995	15.8	30.7	0.0	30.7	4.9
17	13.0	22.8	17.1	87.5	17.212	15.1	0.0	0.0	0.0	2.9
18	12.2	24.5	18.6	89.5	16.935	16.5	0.0	0.0	0.0	6.9
19	14.5	23.2	19.2	87.7	19.247	16.8	0.0	0.0	0.0	5.2
20	13.5	24.0	17.6	91.2	18.935	16.5	0.0	0.0	0.0	3.5
21	14.0	24.5	19.0	87.7	19.142	16.7	0.0	1.4	1.4	1.9
22	14.2	23.0	18.5	88.4	18.760	16.4	0.0	10.8	10.8	4.6
23	14.5	23.0	18.3	90.0	19.047	16.7	0.0	0.0	0.0	3.7
24	14.0	23.5	18.3	84.7	17.688	15.5	0.0	0.0	0.0	4.9
25	13.5	25.0	17.3	87.0	17.483	15.3	0.0	0.0	0.0	6.3
26	14.5	23.2	17.8	90.0	18.169	16.0	0.4	14.2	14.6	2.9
27	12.0	22.0	17.1	89.3	17.736	15.6	4.5	0.0	4.5	4.4
28	14.0	22.0	16.6	92.3	18.156	15.7	1.6	2.8	4.4	1.2
29	13.5	21.0	17.0	93.3	18.748	16.2	6.7	6.1	12.8	1.4
30	14.0	20.0	16.3	90.8	17.479	15.1	7.2	0.8	8.0	0.9
PROM.	13.5	23.0	17.6	89.4	18.138	15.9	87.1	64.4	151.5	118.1

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	13.0	20.8	16.5	89.0	17.542	15.0	0.0	1.7	1.7	3.3
2	13.0	21.0	17.5	90.0	18.412	15.9	0.0	37.9	37.9	3.2
3	13.0	20.5	16.8	94.4	18.557	16.1	1.0	7.9	8.9	0.9
4	13.2	18.5	16.1	92.8	17.057	15.0	0.0	9.0	9.0	0.2
5	13.0	18.0	15.4	95.8	16.698	14.7	1.9	13.9	15.8	0.2
6	13.2	19.8	15.9	91.0	16.647	14.6	21.0	2.5	23.5	1.6
7	13.0	20.5	15.4	90.7	16.192	14.2	14.5	0.0	14.5	3.0
8	11.5	23.0	15.8	88.1	15.865	13.8	7.9	0.0	7.9	1.4
9	13.5	22.0	16.9	87.0	16.865	14.8	0.3	0.6	0.9	3.4
10	13.0	21.0	16.4	90.2	16.992	14.9	16.3	0.0	16.3	2.1
11	11.0	21.5	17.3	89.1	17.420	15.2	0.0	0.0	0.0	4.9
12	13.5	22.8	16.3	87.5	16.402	14.4	10.1	0.0	10.1	4.0
13	10.8	21.8	17.1	86.4	16.815	14.7	0.0	0.0	0.0	3.9
14	13.0	22.0	17.1	90.4	17.685	15.5	0.0	0.0	0.0	0.8
15	12.5	23.0	17.6	89.4	17.993	15.7	0.0	0.0	0.0	0.4
16	13.5	21.5	17.1	87.0	16.976	14.9	0.5	0.5	1.0	0.7
17	12.0	21.0	16.9	97.6	18.769	16.4	12.0	52.4	64.4	1.5
18	11.8	22.0	17.9	89.5	18.322	16.1	0.2	8.5	8.7	3.7
19	13.0	23.5	18.6	87.3	18.837	16.6	0.0	6.4	6.4	4.6
20	14.0	22.0	17.9	89.7	18.292	16.1	0.0	9.0	9.0	3.3
21	13.5	24.0	18.2	85.5	17.735	15.6	0.0	0.0	0.0	4.2
22	14.0	23.5	18.3	88.0	18.722	16.4	0.0	0.0	0.0	3.3
23	13.5	22.5	18.0	90.3	18.346	16.1	0.0	0.0	0.0	2.5
24	14.0	24.7	18.6	87.2	18.726	16.4	0.0	0.0	0.0	6.2
25	12.8	24.8	18.6	87.0	18.389	16.0	0.0	0.0	0.0	6.2
26	14.0	22.2	16.7	39.6	17.596	15.4	0.0	0.0	0.0	0.4
27	11.5	22.5	17.1	90.7	17.716	15.5	0.0	0.0	0.0	5.5
28	12.0	24.8	19.1	87.3	19.236	16.7	0.0	8.0	8.0	6.5
29	14.0	21.5	16.6	91.6	17.681	15.5	30.2	0.0	30.2	0.5
30	14.5	21.0	16.9	89.3	17.396	15.3	30.0	5.0	35.0	1.5
31	13.0	21.0	16.3	91.1	16.873	14.8	0.0	0.0	0.0	2.0
PROM.	12.9	21.9	17.1	89.7	17.637	15.4	145.9	163.3	309.2	85.9

ESTACION: EL JAZMIN

MUNICIPIO STA. ROSA DE C.

AÑO: 1.983

ALTITUD: 1.600

LATITUD: 4-55 N.

LONGITUD: 75-38 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	15.9	26.9	21.3	14.0	30.2	81.0	20.238	17.6	32.6	11	
FEBRERO	15.6	27.2	20.6	13.6	29.8	81.6	19.856	17.3	116.7	10	165.9
MARZO	15.8	25.9	19.9	14.0	28.8	85.6	20.049	17.5	292.1	21	118.3
ABRIL	14.1	22.9	18.5	12.4	27.5	85.9	19.261	16.8	483.2	23	
MAYO	14.8	24.1	19.0	11.2	27.0	93.3	20.838	18.1	202.8	27	107.2
JUNIO	14.7	24.9	19.4	12.0	27.4	91.0	20.605	17.9	174.3	22	139.5
JULIO	15.5	25.9	20.1	14.0	28.6	87.2	20.418	17.8	124.4	16	173.9
AGOSTO									144.0	16	152.1
SEPTIEMBRE	15.3	25.2	19.7	12.6	27.0	85.1	19.435	17.0	95.9	23	
OCTUBRE	14.4	23.5	18.4	12.5	27.0	88.3	18.707	16.4	219.7	23	111.5
NOVIEMBRE	13.5	23.0	17.6	11.8	26.0	89.4	18.138	15.9	151.5	19	118.1
DICIEMBRE	12.9	21.9	17.1	10.8	24.8	85.7	17.637	15.4	309.2	19	85.9
PROMEDIO											
TOTAL									2346.4	230	

ESTACION: EL CEDRAL

MUNICIPIO: PEREIRA

AÑO: 1.983

ALTITUD: 2.120

LATITUD: 4-47 N.

LONGITUD: 75-32 W.

## M E S - ENERC

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	10.6	21.2	15.5	81.2	14.466	12.4	3.6	0.0	3.6	1.6
2	13.1	21.0	15.7	83.0	14.925	12.9	24.2	0.2	24.4	2.7
3	13.1	20.0	16.0	85.5	15.406	13.4	0.0	0.0	0.0	0.8
4	12.0	18.1	14.9	89.0	14.901	12.9	6.4	0.2	6.6	0.2
5	12.7	19.0	15.3	87.2	14.966	13.0	2.1	0.0	2.1	0.2
6	11.2	20.0	15.2	81.2	14.044	11.9	0.0	0.0	0.0	2.9
7	10.3	20.4	16.0	82.8	14.908	12.8	1.7	1.4	3.1	2.3
8	11.1	21.0	15.6	84.0	14.779	12.7	15.4	0.0	15.4	4.0
9	12.0	21.1	16.2	81.3	14.801	12.7	0.0	0.0	0.0	3.8
10	12.1	22.0	17.3	79.8	15.331	13.2	0.0	0.0	0.0	5.1
11	13.1	21.4	16.9	85.5	16.275	14.3	0.3	0.0	0.3	3.2
12	12.0	20.0	15.2	87.8	15.379	13.1	6.6	0.0	6.6	0.1
13	11.1	22.0	15.4	82.8	14.428	12.4	28.5	0.0	28.5	4.6
14	11.2	22.4	17.2	80.8	15.766	13.6	0.0	0.0	0.0	4.4
15	12.0	22.4	17.5	82.8	16.321	14.1	0.0	0.0	0.0	7.3
16	11.6	20.3	16.2	88.7	16.232	14.0	6.8	9.5	16.3	3.4
17	11.0	20.0	16.4	84.9	15.737	13.6	0.0	0.0	0.0	3.8
18	11.1	21.5	16.6	80.7	15.065	12.8	0.8	0.0	0.8	4.1
19	11.1	21.0	16.3	82.6	15.193	13.0	0.0	0.0	0.0	3.1
20	11.3	21.0	16.3	83.4	15.395	13.3	0.0	0.0	0.0	3.0
21	12.0	22.0	16.5	77.2	14.339	12.3	0.0	0.0	0.0	5.2
22	12.1	22.0	16.4	80.5	14.864	12.8	0.0	0.0	0.0	4.2
23	11.1	22.0	16.2	74.1	13.584	11.4	0.0	0.0	0.0	6.6
24	10.6	22.3	15.9	84.3	15.090	12.9	0.0	0.0	0.0	6.6
25	10.3	22.0	16.5	83.2	15.404	13.2	3.3	0.0	3.3	4.2
26	11.1	20.3	15.7	77.0	13.397	11.2	2.9	0.0	2.9	2.0
27	11.5	21.0	16.9	74.0	14.752	12.7	0.0	0.0	0.0	2.5
28	12.1	21.2	15.8	81.4	14.603	12.6	13.7	6.8	20.5	3.0
29	14.1	21.0	16.5	83.5	15.724	13.7	34.8	3.6	38.4	2.3
30	13.0	18.5	15.9	86.5	15.592	13.5	9.4	1.1	10.5	2.9
31	13.0	20.0	15.9	85.9	15.593	13.6	22.3	0.0	22.3	0.5
PROM.	11.8	20.9	16.1	82.7	15.075	13.0	183.0	22.6	205.6	100.6

## M E S - FEBRER

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	10.4	20.6	15.1	80.7	13.931	11.8	6.5	0.0	6.5	3.2
2	10.1	21.1	16.1	73.5	13.551	11.4	17.8	0.0	17.8	2.9
3	12.7	22.0	17.1	83.6	16.089	14.0	0.0	0.0	0.0	2.4
4	12.0	21.0	15.8	84.5	15.109	13.1	4.7	0.0	4.7	4.1
5	12.4	19.0	15.3	87.6	14.996	13.0	0.0	0.0	0.0	0.6
6	13.0	19.4	15.5	82.9	14.475	12.5	8.1	16.1	24.2	4.4
7	12.3	19.0	14.8	86.9	14.512	12.5	15.9	0.0	15.9	3.6
8	12.3	20.1	14.6	84.8	14.211	12.2	1.1	0.1	1.2	3.0
9	10.0	19.0	14.1	84.7	13.687	11.5	0.0	0.0	0.0	3.2
10	13.0	20.0	15.4	83.7	14.666	12.7	14.2	0.0	14.2	2.5
11	12.3	20.1	16.2	88.6	16.412	14.3	1.8	0.0	1.8	8.9
12	12.0	22.1	16.8	80.3	15.276	13.3	0.0	0.0	0.0	5.8
13	10.0	22.1	16.1	78.7	14.315	12.2	0.0	0.0	0.0	3.7
14	9.5	22.1	16.9	80.5	15.298	13.2	2.5	0.0	2.5	5.7
15	10.0	21.2	16.6	80.7	15.034	12.9	0.0	0.0	0.0	4.1
16	12.0	20.8	16.1	82.7	15.176	13.1	0.0	0.0	0.0	1.7
17	10.0	20.3	16.5	81.8	15.140	13.1	0.0	0.0	0.0	1.8
18	12.0	20.0	16.3	83.1	15.042	13.0	0.0	0.0	0.0	2.3
19	10.6	22.2	16.6	82.8	15.386	13.4	0.0	0.2	0.2	
20	11.0	23.0	17.1	77.9	15.214	13.2	0.0	0.0	0.0	
21	12.3	21.2	16.6	76.7	14.463	12.5	0.0	0.0	0.0	
22	12.0	22.0	15.8	76.5	13.685	11.6	0.0	0.0	0.0	
23	12.0	21.0	16.8	73.4	13.782	11.5	0.0	0.0	0.0	
24	12.1	20.3	15.9	80.1	14.386	12.3	0.0	0.0	0.0	
25	13.0	23.0	17.4	78.0	15.255	13.3	0.0	0.0	0.0	
26	13.0	22.0	17.5	72.1	14.298	12.1	0.0	0.0	0.0	
27	11.6	22.0	16.6	76.3	14.593	12.5	0.0	0.0	0.0	
28	12.6	20.0	16.3	78.4	14.365	12.4	0.0	0.0	0.0	
PROM	11.7	21.0	16.1	80.8	14.727	12.7	72.6	16.4	89.0	

ESTACION: EL CEDRAL

MUNICIPIO: PEREIRA

AÑO:

1.983

ALTITUD: 2.120

LATITUD: 4-47 N.

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	13.0	21.0	16.6	82.0	15.284	13.3	0.0	0.0	0.0	0.2
2	13.4	21.3	16.5	82.8	15.610	13.6	0.0	0.0	0.0	2.7
3	12.3	20.3	15.5	78.4	13.755	11.0	9.8	15.2	25.0	1.6
4	11.0	19.6	15.4	83.4	14.778	12.7	3.2	0.0	3.2	2.7
5	11.2	20.3	15.9	81.6	14.714	12.6	5.9	0.0	5.9	3.2
6	10.5	20.0	14.7	84.4	14.145	12.1	20.6	0.0	20.6	0.3
7	11.0	18.0	14.9	87.9	14.830	12.8	10.0	0.0	10.0	0.5
8	13.0	18.1	15.1	88.2	15.157	13.2	7.5	17.8	25.3	0.1
9	13.1	14.1	15.1	89.5	15.421	13.5	15.1	0.0	15.7	2.3
10	12.3	18.0	14.7	91.0	15.302	13.3	16.5	0.0	16.5	0.2
11	12.1	20.4	16.7	83.3	15.644	13.6	0.0	0.0	0.0	5.9
12	12.3	21.3	16.6	82.2	15.418	13.4	0.0	0.0	0.0	0.2
13	11.0	19.3	15.0	80.8	14.307	12.2	0.0	1.7	1.7	2.4
14	12.3	20.3	15.8	87.9	15.665	13.7	0.0	0.0	0.0	2.4
15	11.0	22.0	16.9	81.5	15.432	13.3	0.0	0.0	0.0	5.3
16	12.0	21.4	16.6	83.4	15.831	13.8	0.0	0.0	0.0	0.4
17	11.4	19.3	15.7	86.1	15.428	13.4	0.0	0.0	0.0	1.1
18	11.0	22.0	16.9	79.4	15.104	13.1	0.0	0.0	0.0	3.6
19	12.3	22.0	17.6	74.1	14.565	12.5	0.0	0.0	0.0	5.1
20	12.3	22.4	17.5	72.6	14.088	12.0	0.0	0.0	0.0	0.4
21	12.0	20.3	16.8	81.6	15.414	13.3	0.0	0.0	0.0	3.3
22	10.4	21.3	16.2	79.8	14.683	12.7	0.5	0.0	0.5	2.8
23	12.4	20.4	16.3	80.3	14.927	12.9	4.6	0.0	4.6	1.7
24	11.3	19.3	15.3	85.3	14.748	12.7	0.0	2.9	2.9	0.1
25	12.8	17.0	14.8	87.7	14.722	12.7	3.4	0.5	3.9	0.1
26	12.4	17.3	14.2	88.4	14.252	12.2	6.4	0.0	6.4	1.7
27	12.0	20.3	15.8	84.5	14.823	12.7	2.3	2.0	4.3	1.6
28	10.4	20.0	15.2	85.4	15.077	12.9	5.1	0.0	5.1	3.9
29	10.3	20.3	15.3	83.5	14.495	12.5	4.6	34.6	39.2	0.5
30	11.4	19.3	15.3	86.7	15.039	13.0	10.2	0.0	10.2	2.1
31	10.0	21.3	15.4	81.9	14.190	12.1	0.1	0.3	0.4	0.3
PROM.	11.7	20.1	15.8	83.4	14.932	12.9	125.8	75.6	201.4	58.7

## 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	11.3	21.0	16.1	78.8	14.175	12.1	0.0	0.0	0.0	1.9
2	10.0	20.3	15.3	80.7	13.907	11.8	1.5	0.0	1.5	2.7
3	10.0	18.3	14.6	88.9	14.741	12.7	24.7	0.0	24.7	2.3
4	13.0	16.6	14.6	88.9	14.930	13.0	9.6	0.0	9.6	0.3
5	12.1	19.5	15.8	85.2	15.470	13.4	3.2	1.0	4.2	2.0
6	12.1	21.0	14.3	93.5	15.197	13.2	10.1	0.0	10.1	1.4
7	11.0	18.0	13.8	92.7	14.571	12.5	60.8	0.3	61.1	1.3
8	10.6	19.4	15.5	85.3	15.063	13.1	26.0	0.0	26.0	0.1
9	12.1	16.3	15.6	92.2	16.163	14.2	1.4	4.4	5.8	0.0
10	12.0	19.3	15.5	91.5	16.218	14.2	1.6	3.2	4.8	0.6
11	12.2	17.3	14.3	92.4	15.131	13.2	23.6	0.0	23.6	0.2
12	11.0	20.0	15.6	82.9	14.565	12.5	46.1	0.0	46.1	1.2
13	12.5	18.0	14.9	95.4	16.073	14.1	33.9	0.4	34.3	0.5
14	12.0	19.3	15.7	89.5	16.145	14.1	0.3	0.0	0.3	0.2
15	12.0	20.3	15.9	85.9	15.379	13.3	0.0	9.2	9.2	2.9
16	13.3	17.3	15.4	91.6	16.142	14.1	0.4	0.0	0.4	0.2
17	11.4	18.6	15.0	90.8	15.444	13.5	20.9	2.4	23.3	1.6
18	12.3	17.0	15.2	93.0	16.057	14.1	8.7	0.0	8.7	0.1
19	12.0	21.3	16.5	90.2	16.997	14.8	3.9	0.0	3.9	3.2
20	11.3	19.3	16.3	90.9	16.927	14.9	2.9	2.3	5.2	1.7
21	13.3	18.3	15.6	92.0	16.457	14.5	9.8	3.8	13.6	0.1
22	12.3	18.3	16.0	86.7	15.501	13.5	0.0	0.0	0.0	0.0
23	11.0	20.1	16.5	83.2	15.369	13.3	0.0	6.0	6.0	2.9
24	12.0	20.4	16.4	79.9	14.657	12.6	4.0	0.0	4.0	0.1
25	11.0	20.0	16.2	89.0	16.575	14.6	2.3	0.4	2.7	1.1
26	12.5	19.0	14.9	93.5	15.818	13.9	54.5	0.0	54.5	0.2
27	12.3	17.4	15.3	91.5	16.008	14.0	7.0	0.0	7.0	0.0
28	12.3	20.0	14.8	92.6	15.693	13.7	19.5	0.0	19.5	0.1
29	12.3	19.3	15.5	88.4	15.759	13.8	36.7	4.3	41.0	0.3
30	12.3	21.0	16.2	88.7	16.526	14.5	0.0	1.4	1.4	3.7
PROM.	11.9	19.1	15.4	88.9	15.589	13.6	413.4	39.1	452.5	33.9

ESTACION: EL CEDRAL

MUNICIPIO: PEREIRA

AÑO: 1.983

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	
2	12.1	20.0	15.1	81.7	13.792	11.6	4.1	0.0	4.1	0.8
3	12.1	19.8	15.6	84.3	15.034	13.1	0.0	0.0	0.0	1.0
4	11.0	18.3	14.5	84.5	13.951	11.9	3.2	0.0	3.2	0.0
5	12.0	21.1	16.7	86.1	16.157	14.1	2.5	0.0	2.5	0.0
6	13.0	21.3	17.4	85.5	16.600	14.5	2.3	0.0	2.3	0.0
7	12.3	18.8	15.8	89.7	15.983	14.0	7.1	0.0	7.1	0.0
8	11.1	21.1	15.3	86.3	15.359	13.3	32.7	0.0	32.7	0.0
9	10.0	20.0	14.6	81.4	13.145	11.0	1.4	0.2	1.6	0.0
10	13.0	22.1	17.3	87.0	17.036	15.0	0.3	0.9	1.2	0.0
11	12.0	21.3	16.6	84.5	15.892	13.9	3.5	0.9	4.5	0.0
12	12.8	19.3	15.4	88.6	15.443	13.4	6.2	0.0	6.2	0.5
13	11.0	19.3	16.2	82.5	15.114	13.1	0.0	0.0	0.0	2.3
14	11.0	19.3	16.1	86.6	16.097	14.1	6.0	0.0	6.0	1.6
15	12.3	19.4	15.5	90.4	15.970	13.9	1.1	5.9	7.0	0.4
16	13.6	20.5	16.1	91.7	17.119	15.0	24.4	0.0	24.4	0.3
17	11.0	20.6	16.0	85.7	15.772	13.7	13.4	0.0	13.4	1.5
18	13.0	18.5	16.1	93.8	17.200	15.1	4.6	8.8	13.4	0.0
19	12.8	19.5	16.2	91.6	16.878	14.8	29.0	0.3	29.3	0.1
20	12.0	20.0	15.6	89.1	15.849	13.8	25.2	0.0	25.2	0.3
21	12.0	19.3	14.9	92.0	15.646	13.6	15.2	5.3	20.5	0.9
22	11.7	20.5	16.3	83.6	15.495	13.5	16.3	1.1	17.4	2.9
23	11.0	20.0	15.9	87.1	15.655	13.6	0.0	5.4	5.4	3.0
24	13.0	21.3	16.7	92.2	17.655	15.5	0.6	0.4	1.0	1.2
25	11.6	20.0	17.0	86.9	16.771	14.7	0.0	0.0	0.0	2.4
26	12.3	19.0	15.6	94.9	16.777	14.7	14.0	0.0	14.0	2.0
27	12.3	20.0	15.3	91.4	15.932	13.9	7.0	0.0	7.0	0.0
28	12.3	18.6	14.8	91.9	15.613	13.6	14.5	0.0	14.5	1.0
29	12.3	21.0	15.7	81.0	14.372	12.2	8.3	0.0	8.3	3.2
30	11.3	21.5	16.2	88.6	16.583	14.4	0.6	0.0	0.6	2.0
31	10.3	21.5	16.7	86.0	16.425	14.4	3.1	0.0	3.1	4.6
PROM.	12.0	20.1	15.9	87.6	15.878	13.8	246.8	28.9	275.7	33.3

## 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	
2	12.3	19.3	15.5	88.5	15.730	13.7	1.0	10.5	11.5	0.5
3	11.4	18.8	15.7	83.7	14.899	12.9	0.2	0.0	0.2	0.0
4	11.0	17.3	14.2	93.1	15.114	13.1	6.1	13.4	19.5	1.0
5	12.0	17.1	14.3	93.8	15.286	13.3	0.0	6.5	6.5	1.7
6	10.0	18.6	14.9	87.3	14.665	12.7	1.2	17.8	19.0	0.0
7	10.0	18.3	14.9	89.7	15.004	13.0	6.0	0.0	6.0	0.2
8	13.0	16.3	14.7	89.1	15.069	13.0	0.0	0.0	0.0	6.3
9	10.3	21.3	15.9	83.1	14.842	12.9	0.0	1.2	1.2	2.9
10	10.0	20.3	16.3	85.3	15.765	13.8	0.5	0.0	0.5	0.0
11	12.3	18.0	14.7	87.0	14.947	13.0	3.9	0.0	3.9	2.9
12	10.0	20.5	16.8	87.5	16.600	14.6	0.0	0.0	0.0	2.1
13	12.4	20.5	14.9	88.2	15.178	13.1	0.0	0.0	0.0	0.4
14	10.4	21.3	16.3	86.9	16.057	14.1	5.0	0.0	5.0	2.7
15	11.4	20.0	16.1	90.7	16.542	14.5	3.8	0.0	3.8	6.7
16	11.2	20.3	16.7	86.8	16.204	14.2	0.0	0.0	0.0	2.8
17	11.4	19.0	15.3	86.9	15.036	13.0	0.2	0.0	0.2	1.0
18	11.0	21.1	15.2	83.8	14.395	12.4	20.0	0.0	20.0	4.0
19	10.0	20.1	15.0	89.1	15.259	13.2	4.1	0.0	4.1	2.9
20	10.4	20.1	15.7	87.5	15.654	13.7	0.0	0.0	0.0	0.0
21	10.0	22.1	16.3	69.9	12.094	9.2	0.0	0.0	0.0	6.5
22	10.4	22.0	15.8	91.2	16.386	14.2	0.0	0.0	0.0	5.6
23	12.3	21.4	16.4	85.3	15.715	13.7	0.0	0.0	0.0	4.8
24	11.0	20.4	15.0	89.1	15.112	13.1	0.0	0.0	0.0	4.4
25	12.0	22.3	15.1	87.2	15.238	13.2	0.4	0.4	0.8	5.1
26	12.7	20.1	16.0	92.4	16.968	14.9	0.4	0.0	0.4	3.2
27	11.0	21.1	16.5	89.5	16.579	14.3	0.0	0.0	0.0	4.1
28	11.0	18.4	15.3	93.0	16.254	14.2	0.7	0.0	0.7	0.4
29	12.2	19.3	16.0	90.3	16.469	14.4	0.0	0.0	0.0	0.1
30	11.4	21.1	15.7	87.5	15.789	13.7	0.0	0.0	0.0	5.1
PROM.	11.2	19.8	15.5	87.7	15.469	13.4	55.6	49.8	105.4	78.4

ESTACION: EL CEDRAL  
 ALTITUD: 2.120

MUNICIPIO: PEREIRA AÑO: 1.963  
 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	11.3	20.0	15.9	87.0	15.633	13.6	0.0	0.0	0.0	2.0
2	11.2	19.1	14.7	87.6	14.781	12.8	0.3	0.0	0.3	1.5
3	10.4	21.1	16.4	81.5	15.186	13.2	0.0	0.0	0.0	3.0
4	11.4	20.3	15.0	86.9	14.715	12.6	10.7	0.0	10.7	2.7
5	12.1	18.2	15.9	94.0	16.520	14.5	0.9	0.0	0.9	0.5
6	14.4	19.3	15.9	87.6	15.709	13.7	0.0	7.8	7.8	3.6
7	11.4	20.3	16.8	85.5	16.158	14.1	0.4	0.0	0.4	1.3
8	12.6	18.5	15.5	85.7	14.980	12.9	0.0	10.4	10.4	1.0
9	13.4	16.4	15.0	96.0	16.388	14.4	6.1	16.1	22.2	2.4
10	13.1	17.0	15.3	89.3	15.480	13.5	0.2	0.0	0.2	6.9
11	13.0	19.5	16.0	95.7	17.446	15.3	0.0	0.0	0.0	1.4
12	11.5	22.4	16.3	75.3	13.369	10.8	0.2	0.0	0.2	0.2
13	12.6	22.5	17.3	82.5	16.184	14.1	1.8	0.0	1.8	3.8
14	11.5	20.6	16.3	87.0	15.920	13.9	0.7	1.8	2.5	7.4
15	12.5	19.3	14.8	87.2	14.668	12.6	0.4	0.0	0.4	5.0
16	12.6	20.0	16.4	83.9	15.509	13.5	1.9	0.0	1.9	1.0
17	12.3	19.3	16.8	92.0	17.422	15.3	0.0	0.0	0.0	0.9
18	12.3	22.0	17.8	76.4	14.995	12.8	0.0	0.0	0.0	2.3
19	12.3	21.3	15.5	89.8	16.158	14.1	0.0	0.0	0.0	5.9
20	12.3	21.0	16.8	87.0	16.652	14.6	14.8	1.0	15.8	4.7
21	12.3	21.3	16.9	80.7	15.368	13.4	0.0	0.0	0.0	0.3
22	12.4	19.0	14.4	98.1	16.180	14.2	0.0	0.0	0.0	0.6
23	11.4	19.4	15.0	90.9	15.674	13.7	0.0	0.0	0.0	1.9
24	11.0	21.6	16.3	59.2	10.528	7.2	0.0	0.0	0.0	0.0
25	10.0	22.3	16.1	66.6	11.496	8.8	0.0	0.0	0.0	9.4
26	10.3	22.0	16.0	79.4	14.079	12.0	0.0	0.0	0.0	0.5
27	10.0	20.0	13.8	94.9	15.178	13.1	7.2	0.0	7.2	2.1
28	10.0	19.3	15.7	90.2	15.534	13.9	0.0	0.0	0.0	9.5
29	12.7	20.3	16.5	90.6	17.018	15.0	0.0	0.0	0.0	3.1
30	12.3	18.0	15.3	95.7	16.557	14.5	1.5	0.0	1.5	0.4
31	11.4	19.0	14.7	91.0	15.133	13.1	0.0	0.0	0.0	0.7
PROM.	11.9	20.0	15.8	86.3	15.386	13.3	47.1	37.1	84.2	94.3

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	11.0	20.2	16.6	78.2	14.443	12.2	0.0	0.0	0.0	4.3
2	11.0	19.2	14.9	97.1	16.443	14.4	3.6	0.0	3.6	1.2
3	12.1	19.4	15.6	86.2	15.260	13.3	0.5	0.0	0.5	0.3
4	10.5	20.0	14.6	92.0	15.390	13.3	0.0	0.0	0.0	0.9
5	12.4	19.3	15.5	93.9	16.546	14.5	0.0	0.0	0.0	2.6
6	10.0	18.3	14.6	90.0	14.866	12.8	0.0	0.6	0.6	1.7
7	11.4	20.1	15.9	86.1	15.547	13.6	0.0	0.0	0.0	4.3
8	10.0	21.0	15.5	82.4	14.514	12.4	0.0	0.0	0.0	4.2
9	11.0	21.3	16.1	81.9	14.906	12.9	0.0	0.0	0.0	5.4
10	12.3	21.4	16.4	73.1	13.471	11.1	0.0	0.0	0.0	5.1
11	10.6	21.3	15.4	76.9	13.167	11.0	0.0	0.0	0.0	7.2
12	12.0	19.1	15.1	89.3	15.479	13.5	8.3	0.0	8.3	3.7
13	10.3	24.0	16.4	73.9	13.287	11.2	0.0	0.0	0.0	6.8
14	10.3	23.6	16.9	72.8	13.272	11.1	0.0	0.0	0.0	9.0
15	13.1	21.3	17.3	80.5	15.787	13.8	0.0	0.0	0.0	2.8
16	12.3	22.6	17.9	78.7	15.725	13.7	0.0	0.0	0.0	3.9
17	11.3	22.0	16.8	73.7	13.559	11.3	0.0	0.0	0.0	7.4
18	12.0	20.0	16.2	92.9	17.147	15.1	0.0	0.0	0.0	1.0
19	11.3	21.1	15.9	84.0	15.125	13.1	0.0	0.0	0.0	0.5
20	10.0	22.0	16.3	88.4	16.696	14.7	0.0	0.0	0.0	5.4
21	11.3	18.8	16.0	90.7	16.414	14.4	0.0	0.1	0.1	1.1
22	12.4	22.0	16.2	78.8	14.670	12.7	0.0	0.0	0.0	5.9
23	11.6	20.0	15.8	91.8	16.678	14.6	0.2	0.0	0.2	1.4
24	12.6	18.8	16.1	92.4	16.884	14.9	2.8	0.0	2.8	0.3
25	11.0	19.1	16.0	90.9	16.449	14.4	0.2	0.0	0.2	1.1
26	12.3	19.3	16.3	90.3	16.581	14.5	0.0	0.0	0.0	0.9
27	10.4	19.9	16.1	87.2	15.793	13.8	1.0	5.5	6.5	2.9
28	13.0	17.0	15.3	95.2	16.693	14.7	9.8	0.0	9.8	0.0
29	11.8	17.0	14.1	94.7	15.156	13.2	14.5	0.0	14.5	0.2
30	10.3	20.9	16.2	92.8	16.795	14.6	0.5	0.0	0.5	4.1
31	10.3	20.6	16.0	83.7	14.832	12.7	0.0	0.0	0.0	3.9
PROM.	11.4	20.3	15.9	85.8	15.406	13.3	41.4	6.2	47.6	99.5

ESTACION: EL CEDRAL

MUNICIPIO: PEREIRA

AÑO: 1.983

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	12.6	20.3	15.5	85.0	14.919	12.9	0.0	0.0	0.0	2.3
2	13.0	20.1	16.6	88.8	16.825	14.8	0.1	0.6	0.7	0.9
3	12.6	18.3	14.5	96.0	16.307	14.3	0.0	0.0	0.0	0.4
4	10.0	21.4	16.1	84.2	15.076	13.0	0.0	0.0	0.0	4.8
5	12.0	20.0	16.1	88.6	16.085	14.0	6.7	5.9	12.6	0.8
6	12.3	17.5	15.3	92.2	16.062	14.1	11.6	5.7	17.3	0.0
7	12.3	18.8	15.3	94.3	16.488	14.5	1.1	0.0	1.1	0.0
8	10.0	19.0	13.9	90.5	14.239	12.2	6.7	0.0	6.7	0.0
9	11.3	18.3	14.9	95.3	16.258	14.3	0.0	0.0	0.0	0.0
10	10.0	18.5	14.6	91.5	15.165	13.2	0.3	0.0	0.3	0.0
11	10.4	19.5	15.0	93.5	15.899	13.9	0.0	0.0	0.0	0.0
12	10.0	20.0	14.6	87.5	14.624	12.5	0.0	0.0	0.0	2.0
13	11.6	19.3	14.1	92.5	15.172	13.1	0.0	0.0	0.0	2.0
14	12.1	20.0	15.2	92.5	16.428	14.3	0.0	0.0	0.0	1.2
15	10.3	19.3	15.7	94.1	16.601	14.5	1.6	0.2	1.8	1.7
16	11.4	19.0	15.4	87.0	15.261	13.3	0.4	0.1	0.5	3.1
17	11.2	18.6	14.3	88.8	14.370	12.3	9.0	0.0	9.0	1.3
18	10.0	19.1	14.7	86.6	14.410	12.4	0.0	0.0	0.0	3.4
19	10.0	21.0	15.3	85.5	15.105	13.1	1.9	0.0	1.9	4.8
20	11.6	19.1	14.1	92.6	15.231	13.3	0.0	0.6	0.6	0.0
21	10.4	18.8	14.9	90.9	15.604	13.6	0.0	6.4	6.4	1.0
22	11.4	18.2	13.9	87.2	13.852	11.9	3.3	0.0	3.3	1.0
23	10.3	20.3	15.2	91.0	15.583	14.0	0.0	0.3	0.3	5.0
24	10.6	19.2	14.9	87.2	14.796	12.8	0.0	0.2	0.2	2.7
25	10.6	23.3	16.1	83.3	15.265	13.3	0.0	0.0	0.0	8.0
26	10.0	19.2	14.0	91.9	14.957	13.0	2.4	0.0	2.4	2.9
27	10.0	20.6	15.2	81.3	13.966	11.9	0.0	0.0	0.0	4.7
28	10.3	18.6	14.8	85.2	14.394	12.4	8.6	0.2	8.8	1.2
29	11.3	21.0	16.1	81.3	14.688	12.6	0.0	0.0	0.0	4.5
30	11.0	22.0	15.3	76.0	12.548	9.7	0.0	0.0	0.0	2.3
PROM.	11.0	19.6	15.1	88.8	15.223	13.2	53.7	20.2	73.9	62.0

## 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	10.0	19.3	14.7	84.8	14.173	12.1	23.9	2.9	26.8	0.0
2	11.4	18.6	15.6	94.2	17.122	15.1	3.9	0.0	3.9	5.4
3	11.0	17.6	14.5	92.5	15.395	13.4	5.9	0.5	6.4	0.0
4	11.0	19.8	14.6	94.9	15.934	14.0	0.0	0.0	0.0	0.5
5	11.0	20.0	16.3	86.0	16.289	14.3	0.0	0.0	0.0	2.3
6	12.0	23.0	16.5	87.7	17.488	15.1	5.8	0.0	5.8	6.3
7	9.6	19.3	15.2	92.1	15.734	13.7	1.1	0.2	1.3	2.8
8	11.4	19.1	14.7	88.7	14.688	12.6	6.2	0.1	6.3	1.1
9	11.3	18.1	15.5	83.1	14.847	12.8	11.3	0.0	11.3	1.3
10	11.7	19.3	15.6	92.8	16.489	14.5	6.3	0.0	6.3	1.4
11	11.0	19.2	15.1	94.6	16.225	14.2	14.1	19.6	33.7	0.8
12	11.1	19.0	15.1	89.6	15.375	13.4	33.6	6.2	39.8	1.0
13	12.2	18.0	14.0	94.5	15.028	13.1	9.7	0.0	9.7	1.4
14	11.3	16.3	13.9	97.3	15.625	13.6	6.5	0.0	6.5	0.1
15	11.0	15.0	13.0	95.6	14.395	12.4	21.0	0.0	21.0	2.0
16	11.0	16.8	12.7	88.7	13.104	11.0	2.5	0.0	2.5	0.0
17	9.0	19.5	14.1	86.0	13.870	11.8	0.0	0.0	0.0	1.0
18	10.0	20.1	13.9	97.3	15.934	13.7	28.9	0.0	28.9	5.1
19	10.0	18.1	12.8	89.6	13.280	11.1	0.8	0.0	0.8	0.2
20	10.4	19.6	13.4	79.4	11.921	9.4	9.6	1.2	10.8	3.1
21	10.0	18.6	13.3	89.4	13.969	11.9	22.7	0.1	22.8	1.9
22	9.0	18.5	13.1	90.2	13.739	11.7	3.9	0.0	3.9	3.1
23	9.6	19.3	13.6	90.1	14.309	12.2	7.9	0.0	7.9	1.4
24	9.0	19.1	14.0	82.9	13.352	11.2	0.7	0.0	0.7	1.7
25	10.0	17.1	13.5	95.1	14.784	12.8	13.0	0.1	13.1	0.6
26	10.0	18.6	13.1	97.6	14.987	13.0	6.0	0.0	6.0	0.0
27	11.2	18.8	13.2	92.8	14.054	12.0	0.0	0.0	0.0	0.0
28	10.7	17.4	13.5	98.3	15.274	13.3	23.1	0.7	23.8	0.0
29	11.0	16.6	13.4	96.5	14.807	12.8	2.0	1.9	3.9	0.0
30	12.0	15.6	13.2	95.8	14.712	12.7	5.0	0.2	5.2	0.0
31	11.0	18.1	14.0	98.0	15.567	13.6	56.3	0.0	56.3	0.0
PROM.	10.7	18.5	14.2	91.5	14.918	12.9	331.7	33.7	365.4	44.5

ESTACION: EL CEDRAL

MUNICIPIO: PEREIRA

AÑO: 1.963

ALTITUD: 2.120

LATITUD: 4-47 N.

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	10.3	19.8	15.2	88.7	15.249	13.2	1.8	0.9	2.7	0.5
2	10.0	19.4	14.6	96.1	16.274	14.2	90.1	0.3	90.4	1.5
3	10.0	18.4	14.6	83.9	13.720	11.5	1.0	0.0	1.0	0.8
4	13.0	20.6	13.8	84.7	13.483	11.3	31.8	0.0	31.8	3.7
5	10.0	20.1	15.4	88.5	15.540	13.5	0.8	0.0	0.8	3.4
6	10.5	18.6	14.3	91.8	15.181	13.2	0.9	0.0	0.9	2.2
7	10.0	19.3	15.1	86.5	15.237	13.2	0.4	0.0	0.4	3.7
8	11.3	17.6	15.3	92.6	16.028	14.0	0.0	0.0	0.0	2.2
9	10.3	20.3	16.4	84.8	15.481	13.4	0.7	0.0	0.7	3.5
10	10.3	18.3	14.5	92.1	15.202	13.2	11.1	0.0	11.1	2.0
11	10.0	18.0	13.7	95.1	14.785	12.7	3.3	0.0	3.3	0.0
12	11.3	19.3	15.0	87.8	15.077	13.1	50.6	8.5	59.1	4.5
13	10.0	19.2	14.0	90.3	14.506	12.5	16.4	0.0	16.4	3.7
14	9.6	18.2	13.3	93.9	14.326	12.2	2.5	0.0	2.5	3.6
15	10.4	18.2	14.0	95.6	15.557	13.5	2.9	0.0	2.9	2.2
16	10.4	19.9	15.1	88.3	15.156	13.2	0.4	0.0	0.4	1.1
17	10.2	19.0	13.9	88.0	14.151	12.1	6.4	0.0	6.4	2.8
18	10.3	20.0	15.1	85.8	15.015	13.0	0.3	0.0	0.3	4.2
19	11.0	20.0	15.9	86.3	15.594	13.5	0.4	0.0	0.4	2.8
20	11.2	19.3	15.1	89.1	15.327	13.3	0.0	0.0	0.0	2.3
21	11.0	20.0	14.9	87.7	15.105	13.1	0.3	0.0	0.3	1.4
22	10.8	20.0	15.4	89.2	15.571	13.6	0.2	0.0	0.2	2.9
23	10.3	19.0	13.2	92.0	14.243	12.2	8.7	0.0	8.7	2.9
24	10.4	21.0	14.4	78.4	12.956	10.8	0.3	0.0	0.3	5.0
25	10.3	20.4	14.3	81.4	13.573	11.5	62.7	0.0	62.7	3.9
26	10.3	20.0	15.1	87.6	15.003	12.9	0.2	0.0	0.2	2.3
27	10.1	18.0	13.5	91.9	14.309	12.2	0.0	0.0	0.0	2.5
28	12.0	18.4	15.0	92.6	16.006	14.0	19.4	3.9	23.3	0.1
29	11.2	18.0	12.9	94.2	14.163	12.1	33.2	2.5	35.7	0.3
30	11.5	16.3	12.6	95.9	14.378	12.3	8.6	0.5	9.1	2.3
PROM.	10.6	19.2	14.5	89.4	14.875	12.8	355.4	24.7	380.1	74.1

## 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	11.3	17.3	13.4	96.7	15.327	13.3	20.1	0.0	20.1	2.4
2	10.6	18.0	14.2	92.6	14.974	13.0	20.3	0.0	20.3	1.8
3	11.0	18.0	13.8	90.4	14.346	12.3	8.1	2.6	28.7	2.0
4	11.3	16.2	13.1	97.6	14.725	12.7	6.9	0.0	6.9	0.2
5	10.3	17.0	13.5	96.2	14.716	12.7	2.3	0.1	2.4	0.7
6	12.3	16.8	13.4	96.6	14.923	12.9	22.4	31.2	53.6	0.2
7	12.0	18.3	13.5	91.0	14.348	12.4	0.9	0.0	0.9	2.9
8	10.3	18.2	13.6	89.9	14.126	12.1	8.2	0.0	8.2	2.5
9	10.1	17.6	13.1	93.1	14.135	12.0	16.6	5.7	22.3	0.4
10	12.0	20.0	14.5	90.0	15.180	13.2	0.0	0.0	0.0	1.4
11	11.0	16.0	12.4	91.3	13.290	11.1	15.7	0.1	15.8	2.1
12	11.0	17.0	13.3	92.5	14.221	12.1	26.5	6.8	33.3	2.3
13	10.0	17.3	13.3	93.0	14.289	12.2	4.3	0.0	4.3	1.7
14	11.2	18.1	14.3	90.4	14.684	12.7	0.0	0.0	0.0	0.3
15	10.3	18.4	15.3	88.0	15.038	13.0	3.3	0.0	3.3	0.9
16	11.3	17.5	14.1	92.8	14.993	12.9	4.6	0.1	4.7	0.1
17	11.0	18.4	14.3	96.4	15.847	13.8	0.4	0.0	0.4	0.0
18	10.0	19.6	14.5	85.2	13.809	11.7	11.5	0.1	11.6	2.4
19	11.6	16.1	13.1	84.3	12.575	10.2	12.1	0.3	12.4	1.5
20	11.6	18.1	14.5	96.6	16.242	14.1	40.9	0.4	41.3	2.4
21	11.3	19.4	15.3	92.7	16.476	14.4	3.3	0.0	3.3	0.1
22	10.6	20.0	15.2	96.1	16.647	14.6	0.8	0.0	0.8	3.9
23	10.1	19.0	15.3	93.7	16.333	14.3	29.4	0.0	29.4	0.0
24	11.2	21.0	13.1	91.9	13.710	11.7	34.6	0.0	34.6	5.2
25	10.8	20.6	15.4	90.2	15.986	14.0	3.2	0.0	3.2	1.8
26	11.0	18.1	13.4	95.2	14.827	12.8	19.5	0.0	19.5	0.0
27	9.9	19.1	13.3	95.0	14.393	12.3	0.0	0.0	0.0	4.0
28	9.0	19.4	14.6	89.9	14.974	12.8	0.0	0.0	0.0	4.7
29	10.0	19.0	14.8	90.8	15.111	13.0	11.9	0.4	12.3	2.0
30	10.4	16.3	13.0	89.2	13.480	11.4	26.5	0.1	26.6	0.0
31	10.3	17.1	13.3	90.9	13.835	11.8	1.3	0.9	2.2	1.5
PROM.	10.8	18.2	13.9	92.3	14.760	12.7	355.6	66.8	422.4	51.4

ESTACION: EL CEDRAL

MUNICIPIO PEREIRA

AÑO: 1.983

ALTITUD: 2.120

LATITUD: 4-47 N.

LONGITUD: 75-32 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 Huvias	
ENERO	11.8	20.9	16.1	10.3	22.5	82.7	15.075	13.0	205.8	17	100.6
FEBRERO	11.7	21.0	16.1	9.5	23.0	80.8	14.727	12.7	89.0	10	
MARZO	11.7	20.1	15.8	10.0	22.4	83.4	14.932	12.9	201.4	19	58.7
ABRIL	11.9	19.1	15.4	10.0	21.3	88.9	15.589	13.6	452.5	28	33.9
MAYO	12.0	20.1	15.9	10.0	22.1	87.6	15.878	13.8	275.7	28	33.3
JUNIO	11.2	19.8	15.5	10.0	22.3	87.7	16.469	13.4	105.4	18	78.4
JULIO	11.9	20.0	15.8	10.0	22.5	86.3	15.388	13.3	84.2	16	94.3
AGOSTO	11.4	20.3	15.9	10.0	24.0	85.8	15.406	13.3	47.6	12	99.5
SEPTIEMBRE	11.0	19.6	15.1	10.0	23.3	88.8	15.223	13.2	73.9	17	62.0
OCTUBRE	10.7	18.5	14.2	9.0	23.0	91.5	14.918	12.9	365.4	27	44.5
NOVIEMBRE	10.6	19.2	14.5	9.6	21.0	89.4	14.875	12.8	380.1	27	74.1
DICEMBRE	10.6	18.2	13.9	9.0	21.0	92.3	14.760	12.7	422.4	27	51.4
PROMEDIO	11.4	19.7	15.4	9.8	22.4	87.1	15.187	13.1			
TOTAL									2703.4	246	

ESTACION: LA JOYA

MUNICIPIO: PEREIRA

AÑO: 1.983

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	31.0	23.2	69.3	19.093	16.7	0.0	0.0	0.0	8.5
2	17.6	29.0	22.8	71.5	19.362	17.0	0.0	0.0	0.0	5.1
3	17.6	29.0	22.0	77.6	20.487	17.9	0.0	0.0	0.0	3.3
4	17.6	26.3	21.9	84.0	21.855	18.9	0.0	1.3	1.3	0.1
5	17.0	28.0	22.5	80.3	21.533	18.7	0.0	0.0	0.0	1.9
6	17.4	29.0	21.7	84.7	21.998	19.0	0.0	0.0	0.0	4.6
7	17.5	30.5	24.2	74.3	21.793	18.9	0.0	0.0	0.0	5.4
8	18.0	29.3	23.5	77.2	22.179	19.2	0.0	0.0	0.0	5.3
9	15.6	30.0	23.0	76.9	20.970	18.2	0.0	0.0	0.0	4.7
10	16.0	30.0	23.0	79.8	21.979	18.9	0.2	0.0	0.2	7.1
11	17.4	31.0	25.0	73.4	22.413	19.3	0.0	0.0	0.0	7.8
12	18.6	29.0	22.9	80.2	22.245	19.2	0.0	0.0	0.0	1.9
13	18.0	31.4	23.5	79.9	22.460	19.3	0.0	0.0	0.0	7.9
14	16.6	31.0	22.8	78.6	21.448	18.6	0.0	0.0	0.0	6.0
15	17.0	31.8	23.8	74.0	20.963	18.2	0.0	0.0	0.0	8.5
16	19.4	31.3	24.3	73.9	21.891	18.9	0.0	0.0	0.0	8.0
17	18.0	31.0	23.6	71.4	20.241	17.6	0.0	0.0	0.0	6.7
18	18.0	32.0	24.3	70.8	20.512	17.9	0.0	0.0	0.0	7.9
19	17.4	33.0	24.6	73.8	21.878	18.9	0.0	0.0	0.0	7.7
20	18.0	31.8	23.5	76.9	21.790	18.9	0.0	0.0	0.0	6.7
21	16.0	31.0	23.9	78.2	22.291	19.1	0.0	0.0	0.0	5.5
22	16.0	33.0	25.0	71.5	21.552	18.7	0.0	0.0	0.0	8.1
23	16.0	32.0	24.3	72.4	20.872	18.2	0.0	0.0	0.0	8.3
24	16.0	32.0	24.1	71.7	20.338	17.7	0.0	0.0	0.0	8.4
25	16.3	32.1	23.8	71.2	19.941	17.5	0.0	J.J	0.0	7.9
26	19.0	30.6	24.9	71.2	21.826	18.9	0.0	2.7	2.7	5.0
27	18.5	26.6	21.3	91.5	23.117	19.8	28.6	0.0	28.6	1.7
28	18.4	30.3	24.3	80.1	23.656	20.1	0.0	0.7	0.7	7.2
29	19.0	30.0	22.2	80.5	21.138	18.4	0.0	J.0	0.0	4.6
30	17.0	30.0	23.1	73.4	20.047	17.5	0.0	13.6	13.6	7.2
31	15.0	28.5	23.4	78.9	22.277	19.2	3.6	0.6	4.2	3.3
PROM.	17.4	30.4	23.4	76.4	21.427	18.6	32.4	18.9	51.3	182.3

## 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	18.0	32.0	23.9	66.7	18.789	16.4	0.0	0.0	0.0	8.4
2	18.5	31.0	24.1	68.8	20.016	17.5	0.0	0.0	0.0	6.1
3	18.0	33.0	24.7	63.4	28.446	16.2	0.0	0.0	0.0	9.0
4	17.0	31.0	22.5	75.8	20.296	17.7	1.9	0.4	2.3	5.6
5	18.0	29.0	22.4	75.6	20.209	17.6	0.0	J.0	0.0	4.2
6	18.0	31.0	24.5	61.1	17.850	15.7	0.0	17.2	17.2	7.6
7	17.0	30.0	21.7	77.5	19.983	17.5	0.3	2.9	3.2	3.7
8	18.0	29.0	23.4	64.7	17.725	15.6	0.0	0.4	0.4	8.1
9	18.0	30.5	23.9	67.4	15.344	17.0	0.0	0.0	0.0	6.6
10	19.0	31.0	24.5	59.8	17.612	15.5	0.0	0.0	0.0	7.9
11	18.0	32.0	24.4	66.0	19.264	16.9	0.0	0.0	0.0	7.3
12	18.0	31.0	23.8	65.2	18.110	15.9	0.0	0.0	0.0	6.3
13	16.0	31.0	23.6	64.3	17.786	15.7	0.0	J.0	0.0	9.0
14	14.0	31.1	23.5	65.7	17.622	15.5	0.0	0.0	0.0	8.0
15	15.0	33.0	23.8	64.5	17.569	15.4	0.0	0.0	0.0	9.0
16	14.0	31.5	24.1	69.4	19.872	17.4	0.0	0.0	0.0	6.3
17	16.0	32.0	22.3	72.1	19.065	16.7	6.4	1.8	8.2	5.8
18	18.0	30.0	23.0	69.9	18.805	16.5	0.0	0.4	0.4	7.0
19	18.0	32.0	23.3	73.8	20.610	18.0	0.0	0.1	0.1	7.8
20	16.0	33.6	24.2	63.7	17.867	15.7	0.0	0.0	0.0	9.4
21	17.0	29.0	23.0	74.3	19.979	17.5	0.0	0.0	0.0	3.4
22	19.0	33.0	25.3	64.7	20.213	17.6	0.0	0.0	0.0	7.7
23	18.5	32.0	23.7	71.4	20.376	17.8	0.0	0.0	0.0	4.8
24	18.0	30.0	23.7	70.7	20.075	17.6	0.0	0.0	0.0	3.9
25	18.5	30.0	23.0	76.8	21.194	18.4	0.0	0.0	0.0	3.2
26	18.2	31.0	25.3	64.1	19.438	17.1	0.2	0.0	0.2	7.7
27	18.5	32.0	24.2	66.3	19.357	17.0	0.2	0.0	0.2	6.6
28	18.0	31.0	23.6	68.3	19.213	16.8	0.0	7.9	7.9	4.7
PROM.	17.4	31.2	23.7	68.3	19.169	16.8	9.0	31.1	40.1	185.1

ESTACION: LA JOYA

MUNICIPIO: PEREIRA

AÑO: 1.983

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	18.0	30.0	23.5	74.6	21.285	18.5	0.0	21.4	21.4	3.5
2	18.0	30.0	21.7	80.8	21.570	18.7	33.5	18.1	51.6	4.8
3	19.0	28.0	23.6	76.8	21.879	18.9	0.0	0.0	0.0	1.8
4	20.0	31.0	23.9	67.2	19.247	16.8	0.0	0.0	0.0	7.7
5	18.0	31.0	24.1	70.2	20.373	17.8	0.0	0.0	0.0	5.2
6	18.0	29.0	23.8	68.0	19.328	17.0	0.0	47.2	47.6	3.4
7	18.0	26.0	22.1	83.5	22.098	19.1	3.9	3.2	7.1	1.6
8	19.0	28.0	21.9	78.3	20.535	17.9	3.2	0.0	3.2	3.1
9	19.0	30.0	22.1	78.4	20.968	18.2	0.0	0.0	0.0	4.6
10	18.0	25.6	21.0	82.7	20.715	18.1	8.6	0.0	8.6	0.5
11	18.0	30.0	24.1	69.4	19.646	17.2	0.0	0.0	0.0	7.4
12	19.0	31.0	25.0	67.1	19.275	17.9	0.0	0.0	0.0	7.6
13	19.0	31.0	24.5	64.1	20.541	17.9	0.0	0.0	0.0	6.5
14	18.0	31.0	22.7	75.2	20.461	16.9	0.0	0.0	0.0	2.6
15	18.0	32.0	24.3	69.9	20.119	17.6	0.0	0.0	0.0	7.5
16	19.0	32.0	23.9	74.6	22.129	19.1	0.0	0.9	0.9	7.6
17	19.0	21.0	19.7	90.9	21.018	18.3	39.2	0.0	39.2	3.5
18	17.0	30.0	22.6	76.7	20.308	17.7	0.0	0.0	0.0	2.1
19	19.0	32.0	25.8	59.4	19.125	16.8	0.0	0.0	0.0	8.1
20	18.0	32.0	24.1	67.0	19.109	16.8	0.0	0.0	0.0	4.0
21	17.0	30.2	24.4	70.5	20.560	17.9	0.0	0.0	0.0	4.0
22	19.0	30.0	23.6	70.6	19.891	17.3	0.0	0.0	0.0	6.2
23	19.0	31.0	24.1	68.7	19.592	17.1	0.0	0.0	0.0	6.2
24	18.5	29.0	21.7	80.0	20.807	18.1	21.5	10.1	31.6	3.4
25	18.0	25.0	20.5	84.4	20.683	18.0	0.4	3.0	3.4	0.1
26	19.0	30.0	22.6	80.1	22.570	19.4	2.5	27.4	29.9	3.0
27	18.0	28.0	22.4	74.0	19.586	17.1	0.1	0.0	0.1	5.0
28	16.6	30.0	22.3	76.9	20.566	18.0	0.0	1.0	1.0	6.1
29	16.4	30.0	21.4	75.9	19.323	16.9	17.9	6.1	24.0	5.9
30	18.0	30.0	22.6	75.9	20.417	17.8	0.0	0.0	0.0	8.1
31	19.0	30.6	24.2	68.9	20.066	17.5	0.0	0.0	0.0	8.6
PROM.	18.3	29.5	23.0	74.2	20.445	17.8	131.2	138.4	269.6	149.7

## 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	23.7	70.0	19.800	17.3	0.0	0.0	0.0	8.6
2	17.0	31.0	22.7	73.6	20.332	17.8	0.0	0.0	0.0	6.0
3	18.0	30.0	21.7	77.0	19.826	17.3	0.0	0.0	0.0	4.6
4	16.0	30.0	22.5	78.2	20.831	18.1	0.0	0.0	0.0	1.5
5	17.0	31.0	22.6	78.4	21.531	18.7	11.0	16.0	27.0	5.2
6	18.0	28.0	22.0	78.4	20.671	18.0	0.0	5.9	5.9	3.3
7	18.6	24.2	20.4	86.3	21.163	18.4	17.2	0.0	17.2	0.0
8	16.6	28.6	22.0	76.7	19.977	17.5	0.0	0.0	0.0	4.7
9	18.4	24.6	20.9	80.9	20.032	17.5	14.4	0.2	14.6	0.0
10	17.5	27.6	21.8	78.9	20.482	17.9	0.0	0.3	0.3	3.7
11	17.0	27.0	20.2	85.7	20.549	17.9	2.4	0.0	2.4	1.8
12	17.0	30.0	22.6	74.1	19.777	17.3	0.0	36.5	36.5	7.1
13	19.0	24.0	20.9	87.9	21.757	18.8	1.4	0.5	1.9	0.4
14	19.0	26.0	21.8	84.3	21.854	18.9	0.0	0.0	0.0	0.8
15	17.1	29.8	23.2	75.9	21.199	18.4	1.4	33.0	34.4	5.9
16	18.3	26.6	21.3	81.7	20.777	18.1	14.2	0.0	14.2	1.6
17	16.0	27.3	21.4	83.0	21.238	18.5	1.2	41.4	42.6	3.0
18	18.2	25.5	20.7	82.8	20.599	18.0	34.8	0.0	34.8	3.6
19	16.6	28.0	22.1	80.9	21.223	18.4	0.3	49.0	49.3	0.8
20	18.4	30.0	23.4	76.9	21.685	18.7	0.0	0.0	0.0	3.5
21	18.0	24.0	20.4	88.4	21.215	18.4	2.3	2.2	4.5	0.1
22	17.4	28.0	22.4	77.3	20.480	17.9	0.0	0.0	0.0	4.9
23	17.3	29.0	23.8	69.9	20.049	17.5	0.0	0.0	0.0	6.1
24	17.0	26.3	21.4	76.6	19.339	17.0	0.7	0.0	0.7	2.7
25	15.6	29.1	21.8	78.8	20.508	17.9	0.0	0.3	0.3	4.2
26	18.6	27.0	21.8	80.1	20.678	18.0	0.6	0.0	0.6	0.2
27	18.4	27.6	22.6	80.2	21.773	18.8	0.5	9.9	10.4	1.6
28	18.3	25.6	20.8	83.3	20.669	18.0	2.9	15.2	18.1	0.3
29	16.3	28.3	20.8	80.4	19.834	17.4	10.5	9.9	20.4	3.0
30	17.5	29.0	21.0	77.2	19.442	17.0	9.5	18.9	28.4	6.4
PROM.	17.5	27.8	21.8	79.5	20.643	18.0	125.3	247.4	372.7	95.6

ESTACION: LA JOYA

MUNICIPIO: PEREIRA

AÑO: 1.983

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	17.6	29.0	22.8	79.5	21.687	18.8	2.6	0.0	2.6	7.0
2	18.0	29.0	23.0	76.9	21.361	18.6	0.0	1.8	1.8	3.6
3	18.0	29.0	22.5	79.2	21.440	18.6	1.3	0.0	1.3	4.6
4	18.0	28.6	21.6	79.9	20.831	18.2	1.3	0.0	1.3	2.2
5	18.0	29.0	22.6	76.0	20.471	17.8	1.1	1.6	2.7	4.8
6	17.6	28.6	22.1	84.1	22.216	19.2	0.2	0.0	0.2	2.9
7	17.6	26.6	21.6	77.8	20.054	17.5	2.3	0.0	2.3	0.8
8	16.6	28.3	22.2	75.0	19.734	17.3	0.0	0.0	0.0	4.7
9	16.4	31.6	22.6	77.9	20.884	18.2	0.0	29.9	29.9	7.6
10	18.4	29.3	22.9	76.6	21.223	18.4	1.1	0.6	1.7	5.7
11	18.4	29.3	22.8	77.4	21.728	18.8	4.2	1.7	5.9	4.7
12	19.4	29.1	24.0	75.2	22.035	19.0	0.0	0.0	0.0	4.2
13	17.2	29.3	22.5	77.8	20.808	18.1	0.0	0.0	0.0	4.4
14	17.3	29.3	22.2	79.9	21.290	18.5	3.5	4.9	8.4	5.0
15	19.0	27.3	22.0	77.1	20.378	17.8	0.4	44.8	45.2	2.0
16	18.4	26.6	21.0	86.7	21.448	18.6	5.9	0.0	5.9	2.1
17	15.3	28.4	21.8	83.1	21.739	18.7	0.0	89.6	89.6	5.4
18	18.0	25.0	20.5	85.4	20.560	17.9	13.3	5.5	18.8	0.0
19	18.6	28.0	22.9	78.9	21.784	18.8	0.7	0.5	1.2	1.4
20	17.8	28.0	21.9	78.9	20.635	18.0	0.6	12.6	13.2	3.9
21	18.0	29.3	21.6	77.1	19.989	17.5	0.0	27.5	27.5	5.1
22	17.0	29.6	22.7	76.5	20.502	17.8	0.0	0.0	0.0	6.1
23	15.3	30.0	22.9	75.6	20.684	18.0	0.6	31.3	31.9	3.7
24	18.2	29.1	22.3	79.7	21.264	18.5	0.0	0.0	0.0	7.6
25	17.0	30.0	23.4	77.3	22.205	19.1	0.0	26.0	26.0	4.1
26	18.0	28.8	23.5	81.6	23.466	20.1	0.0	30.6	30.6	3.2
27	17.3	29.3	22.1	81.8	21.597	18.7	0.0	20.3	20.3	4.1
28	19.3	23.6	20.2	88.3	21.146	18.4	12.7	20.1	32.8	0.0
29	17.5	27.0	21.5	78.9	20.145	17.6	0.0	0.0	0.0	4.5
30	18.0	30.2	22.5	76.8	20.767	18.1	0.0	0.0	0.0	6.3
31	17.3	30.0	22.7	78.2	21.148	18.4	0.0	0.0	0.0	6.5
PROM.	17.7	28.6	22.3	79.2	21.136	18.4	51.8	349.3	401.1	128.2

## M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.6	29.0	23.1	81.6	22.695	19.5	0.0	0.2	0.2	1.6
2	18.0	28.6	22.9	78.1	21.549	18.7	0.2	0.0	0.2	5.0
3	18.0	26.3	21.8	82.1	21.435	18.6	0.0	32.7	32.7	0.4
4	18.3	26.6	21.1	83.4	20.879	18.2	0.5	20.0	20.5	1.2
5	17.0	26.0	21.5	83.7	21.190	18.4	1.2	1.1	2.3	1.7
6	17.0	27.0	21.3	81.5	20.539	17.9	1.1	0.0	1.1	3.8
7	18.0	28.0	22.3	72.2	18.938	16.5	0.0	16.0	16.0	3.5
8	18.0	23.0	19.5	90.7	20.796	18.1	17.2	1.4	18.6	0.0
9	13.0	27.0	21.5	82.9	20.724	18.0	0.0	0.0	0.0	6.3
10	17.0	28.8	22.5	78.2	20.885	18.2	0.0	0.0	0.0	2.7
11	17.0	25.0	20.6	82.7	19.982	17.5	0.0	0.0	0.0	1.5
12	14.0	28.6	21.3	77.9	19.340	16.9	0.3	0.0	0.3	4.3
13	17.3	27.3	21.5	82.7	21.281	18.4	0.6	0.0	0.6	5.9
14	16.4	29.0	22.5	74.8	20.004	17.5	0.0	0.0	0.0	3.4
15	16.0	28.0	21.3	78.8	20.000	17.5	0.9	0.0	0.9	5.2
16	17.0	28.0	22.5	80.7	21.519	18.6	1.2	0.0	1.2	4.3
17	18.3	28.0	22.3	77.6	20.816	18.1	0.4	0.0	0.4	7.3
18	15.0	30.0	23.0	75.8	20.789	18.1	0.0	0.0	0.0	7.1
19	15.4	30.0	23.0	74.1	20.188	17.6	0.0	0.0	0.0	0.2
20	17.3	27.0	21.3	83.4	21.121	18.3	2.0	0.0	2.0	7.0
21	14.6	30.3	23.3	71.6	19.164	16.7	19.5	0.0	19.5	5.1
22	15.0	30.0	20.1	83.7	19.984	17.5	0.0	0.0	0.0	5.9
23	16.0	30.9	22.1	76.5	19.895	17.4	0.0	0.0	0.0	7.8
24	17.3	28.0	22.1	77.0	20.080	17.5	0.0	0.0	0.0	4.5
25	14.6	30.0	22.1	68.5	17.339	15.2	0.0	0.0	0.0	6.9
26	17.0	28.8	22.7	75.8	20.242	17.7	0.0	0.0	0.0	2.6
27	16.0	30.0	23.7	71.8	20.226	17.7	0.0	0.5	0.5	1.9
28	17.5	26.3	22.0	81.9	21.334	18.5	0.4	0.0	0.4	4.1
29	17.4	26.4	22.7	78.4	21.105	18.3	0.2	0.0	0.2	6.5
30	16.0	28.0	20.5	82.7	20.142	17.6	5.2	0.0	5.2	6.5
PROM.	16.5	28.0	21.9	79.0	20.470	17.8	50.9	71.9	122.8	7.8

ESTACION: LA JOYA

MUNICIPIO: PEREIRA

AÑO:

1-983

ALTITUD: 1.250

LATITUD: 4-46 N.

LONGITUD: 75-47 W.

## M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	28.0	21.9	80.2	20.682	18.0	0.0	0.0	0.0	3.0
2	17.0	29.0	22.3	78.9	21.002	18.2	2.8	0.0	2.8	5.8
3	16.0	30.0	22.6	74.0	19.658	17.2	0.0	0.0	0.0	6.3
4	18.0	30.0	21.3	75.7	20.108	17.6	1.0	0.9	1.9	5.0
5	17.0	27.0	20.9	81.6	20.205	17.7	1.7	0.0	1.7	2.4
6	15.0	31.0	22.6	72.7	19.205	16.9	0.0	0.0	0.0	6.8
7	16.6	31.0	24.0	73.5	21.342	18.5	0.0	20.5	20.5	
8	18.0	29.3	22.7	75.8	20.449	17.8	0.0	8.0	8.0	
9	18.0	27.0	21.1	74.7	18.395	16.2	0.7	2.6	3.3	
10	17.4	27.6	22.0	74.9	19.420	17.0	0.0	0.0	0.0	
11	16.3	28.6	22.1	77.8	20.224	17.7	0.0	0.8	0.8	
12	16.0	29.0	22.5	75.4	19.814	17.3	0.0	0.0	0.0	
13	16.0	31.0	23.2	73.0	20.100	17.6	5.1	0.0	5.1	
14	16.0	30.0	22.3	79.0	21.310	18.5	0.0	0.2	0.2	
15	18.0	27.0	22.5	79.9	21.492	18.6	0.1	1.1	1.2	
16	18.0	30.0	22.5	80.3	21.460	18.5	0.7	0.1	0.8	
17	17.6	27.6	21.7	81.3	21.003	18.3	0.0	0.0	0.0	
18	14.0	31.6	23.2	69.7	18.368	16.1	0.0	0.0	0.0	
19	16.0	30.0	23.1	74.0	20.133	17.6	0.0	0.0	0.0	
20	17.3	32.0	24.3	67.8	19.662	17.2	0.0	0.0	0.0	
21	17.0	30.6	24.9	71.7	21.199	18.4	0.0	0.0	0.0	
22	18.3	26.0	19.9	91.1	21.597	18.7	22.8	0.7	23.5	
23	17.0	26.3	21.1	79.7	19.780	17.2	0.0	0.0	0.0	
24	14.0	31.0	22.7	63.5	16.845	14.6	0.0	0.0	0.0	
25	12.3	32.0	23.5	56.1	13.515	11.9	0.0	0.0	0.0	
26	14.0	31.0	22.4	65.7	17.586	15.5	0.0	0.0	0.0	
27	14.4	26.4	20.8	84.8	20.555	17.9	1.5	0.0	1.5	
28	14.6	28.0	22.4	76.2	20.288	17.7	0.0	0.0	0.0	
29	17.2	30.0	23.0	71.0	19.343	16.9	0.0	5.7	5.7	
30	17.3	26.0	20.7	85.9	20.714	18.1	0.3	0.0	0.3	
31	16.4	28.0	21.3	78.1	19.456	17.0	0.0	0.3	0.3	
PROM.	16.3	29.1	22.3	75.7	19.850	17.3	36.7	40.9	77.6	

## 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	16.3	28.0	21.6	81.5	20.687	18.0	0.4	0.0	0.4	
2	17.0	27.0	21.0	90.4	21.846	18.9	1.2	0.0	1.2	
3	17.3	29.0	22.7	74.2	19.653	17.1	0.0	0.0	0.0	
4	14.6	28.4	22.9	73.6	20.022	17.4	0.0	0.0	0.0	
5	18.0	24.3	20.6	89.6	21.777	18.9	0.0	4.0	4.0	
6	14.0	27.0	20.7	77.9	18.378	16.1	0.0	0.0	0.0	
7	17.3	30.0	23.0	77.0	20.966	18.2	0.0	0.0	0.0	
8	13.6	30.0	21.3	77.0	18.682	16.4	0.0	0.0	0.0	
9	14.0	31.0	24.1	63.2	17.974	15.8	0.0	0.0	0.0	
10	16.0	32.0	24.6	55.7	16.332	14.1	0.0	0.0	0.0	
11	13.6	32.0	22.1	71.6	18.224	15.9	0.0	0.0	0.0	
12	17.0	29.0	23.3	77.5	22.335	19.2	0.0	0.0	0.0	
13	18.0	30.0	24.1	75.6	21.397	18.3	0.0	0.0	0.0	
14	18.0	32.0	24.9	66.9	20.156	17.6	2.5	0.0	2.5	
15	17.0	30.0	24.5	67.2	19.119	16.8	0.5	19.6	20.1	
16	16.3	31.0	24.6	71.0	20.729	18.0	10.6	0.0	10.6	
17	17.0	31.0	22.8	65.4	17.519	15.3	0.0	0.3	0.3	
18	16.3	26.0	19.6	93.4	21.051	18.3	0.0	0.0	0.0	
19	16.6	28.1	21.0	78.6	19.065	16.7	0.0	0.0	0.0	
20	14.3	31.0	22.4	67.1	17.241	15.1	0.0	0.0	0.0	
21	15.3	27.0	21.2	79.8	19.869	17.3	1.3	0.0	1.3	
22	15.3	31.4	23.8	66.7	18.162	15.9	21.6	0.0	21.6	
23	17.0	29.4	22.2	78.0	20.443	17.9	0.0	0.0	0.0	
24	18.4	28.0	21.5	85.7	22.090	19.1	0.0	0.0	0.0	
25	16.3	28.5	21.3	79.4	19.675	17.2	0.0	23.4	23.4	
26	17.0	28.0	21.8	81.1	20.854	18.1	0.3	0.0	0.3	
27	17.0	28.6	21.2	78.4	19.346	16.9	0.0	0.0	0.0	
28	17.6	24.2	20.0	91.1	21.238	18.4	1.7	0.0	1.7	
29	17.0	26.0	20.1	86.5	20.502	17.9	0.9	0.0	0.9	
30	16.0	28.0	20.9	73.4	17.776	15.6	0.0	0.0	0.0	
31	15.0	30.0	22.3	68.2	17.345	15.3	0.0	0.0	0.0	
PROM.	16.3	28.9	22.2	76.2	19.693	17.2	41.0	47.3	88.3	

ESTACION: LA JOYA

MUNICIPIO: PEREIRA

AÑO: 1983

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	16.6	28.3	22.5	72.1	18.823	16.4	0.0	46.7	46.7	
2	16.6	28.3	22.2	76.7	20.213	17.7	0.7	0.1	0.8	
3	16.6	28.3	20.7	82.1	19.930	17.4	0.9	0.0	0.9	2.0
4	15.0	29.3	21.6	76.5	19.271	16.5	0.0	0.0	0.0	6.5
5	17.0	29.3	21.9	78.9	20.669	18.1	1.6	24.6	26.2	6.0
6	17.6	25.6	20.7	85.1	20.876	18.2	0.7	3.7	4.4	2.9
7	18.0	28.8	20.9	81.7	20.040	17.5	5.7	0.1	5.8	5.0
8	15.0	27.0	20.1	80.7	18.683	16.4	0.0	0.0	0.0	5.2
9							0.4	0.0	0.4	5.0
10							18.0	0.0	18.0	
11							0.0	0.5	0.5	
12							0.0	0.0	0.0	7.1
13							0.0	0.0	0.0	4.3
14										
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PROM.										

## 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	26.5	21.6	79.4	20.687	18.0	0.2	0.0	0.2	6.3
2	19.0	30.0	22.7	66.3	18.284	15.9	0.0	0.0	0.0	3.0
3	18.0	26.6	21.7	88.7	23.434	20.0	0.9	1.0	1.9	3.2
4	16.0	30.0	22.4	77.7	20.282	17.6	0.5	0.0	0.5	7.6
5	17.2	29.0	22.3	78.4	20.556	17.9	0.0	0.0	0.0	2.2
6	16.3	31.0	21.8	81.4	21.375	18.5	3.0	0.0	3.0	6.6
7	15.0	27.0	21.6	81.0	20.977	18.2	0.0	0.0	0.0	5.9
8	14.5	28.6	20.3	85.6	20.304	17.7	2.2	1.6	3.8	6.5
9	17.3	29.0	21.8	74.4	19.223	16.8	0.0	0.0	0.0	6.9
10	16.6	29.0	22.0	84.1	22.105	19.1	0.3	0.0	0.3	5.2
11	17.0	27.3	20.6	84.6	20.973	18.3	0.6	0.0	0.6	2.8
12	15.0	29.0	21.9	78.3	20.282	17.7	0.1	2.8	2.9	5.0
13	17.6	26.3	21.0	83.1	20.304	17.6	1.9	3.1	5.0	2.5
14	16.3	27.0	19.8	84.4	19.607	17.2	7.0	2.5	9.5	2.6
15	17.0	24.0	19.1	88.7	20.006	17.5	26.2	1.2	27.4	0.0
16	16.0	26.0	19.6	80.5	18.199	16.0	3.2	0.0	3.2	2.5
17	15.0	29.0	21.3	80.1	20.081	17.6	0.0	0.0	0.0	9.6
18	14.3	24.5	22.0	76.0	19.671	17.2	0.0	3.6	3.6	9.3
19	17.0	25.0	19.9	90.8	21.453	18.6	7.2	0.0	7.2	0.0
20	15.3	29.4	20.9	77.9	18.948	16.6	0.0	13.9	13.9	9.2
21	16.0	27.0	20.7	83.4	20.475	17.9	0.0	0.0	0.0	9.3
22	14.3	30.0	21.7	71.7	18.639	16.3	0.6	0.0	0.6	4.7
23	16.0	29.9	21.1	80.3	19.739	17.2	10.1	0.0	10.1	5.3
24	15.0	27.0	21.0	84.5	21.155	18.4	0.0	0.0	0.0	4.6
25	17.0	24.6	19.2	91.8	20.766	18.1	2.4	10.3	12.7	6.7
26	14.0	29.6	21.0	79.8	19.381	17.0	0.0	0.0	0.0	7.8
27	17.4	29.0	20.7	81.4	20.110	17.6	17.6	0.0	17.6	3.7
28	16.3	26.4	20.5	86.7	21.072	18.3	0.1	29.7	29.8	1.2
29	17.0	27.3	20.8	84.0	20.570	17.9	3.8	1.5	5.3	4.7
30	17.0	23.3	19.2	90.9	20.561	17.9	8.7	0.3	9.0	0.0
31	16.0	28.6	21.0	81.3	19.852	17.3	0.0	0.0	0.0	7.5
PROM.	16.3	27.8	21.0	81.8	20.293	17.7	56.6	71.5	128.1	152.6

ESTACION: LA JOYA  
 ALTITUD: 1.250

MUNICIPIO: PEREIRA  
 LATITUD: 4-46 N.

AÑO: 1.983  
 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	30.0	22.5	75.5	20.020	17.5	0.0	1.6	1.6	6.0
2	17.3	29.5	22.4	76.1	20.325	17.8	0.0	0.3	0.3	8.9
3	17.0	29.0	22.7	80.6	21.759	18.8	0.0	0.2	0.2	6.9
4	16.3	30.5	22.0	80.2	20.715	18.0	0.0	0.0	0.0	7.2
5	16.6	30.0	21.9	78.4	20.489	17.9	0.4	0.0	0.4	6.2
6	17.3	28.0	21.6	82.1	21.142	18.3	9.4	0.0	9.4	3.2
7	15.6	30.0	22.1	78.2	20.083	17.5	0.0	0.0	0.0	6.5
8	17.0	24.3	20.4	90.2	21.655	18.7	0.0	0.0	0.0	0.0
9	15.0	28.0	20.9	82.3	20.195	17.7	0.0	0.0	0.0	4.8
10	16.3	28.0	20.8	81.8	19.928	17.4	0.0	1.6	1.6	5.5
11	14.6	28.0	20.6	79.9	18.881	16.5	0.0	0.0	0.0	5.4
12	16.0	28.0	21.9	78.3	20.304	17.7	0.0	0.0	0.0	5.4
13	15.6	30.0	21.6	76.3	19.624	17.2	0.0	0.0	0.0	6.9
14	14.0	28.2	20.8	77.6	18.641	16.4	0.0	1.6	1.6	7.5
15	15.6	28.0	21.0	79.0	19.291	16.9	0.0	0.0	0.0	5.5
16	17.6	30.0	21.6	79.3	20.345	17.7	0.0	0.0	0.0	6.5
17	16.6	27.0	21.0	78.6	19.653	17.2	0.6	0.0	0.6	3.3
18	14.4	28.3	21.6	81.3	20.592	17.9	0.0	0.0	0.0	7.6
19	15.6	28.0	22.2	81.2	21.400	18.6	0.0	0.0	0.0	5.3
20	15.6	29.0	21.3	78.8	19.896	17.4	0.0	0.4	0.4	2.7
21	16.6	29.0	22.9	76.7	21.031	18.3	0.0	29.6	29.6	1.7
22	17.6	29.0	22.1	79.3	20.662	17.9	0.5	0.0	0.5	6.9
23	16.6	30.0	21.8	78.0	19.568	17.5	0.0	0.0	0.0	6.8
24	16.6	27.0	20.3	80.0	18.916	16.6	0.0	0.1	0.1	4.2
25	14.4	30.0	21.3	74.6	18.308	16.1	0.0	0.0	0.0	7.2
26	16.2	30.0	22.6	72.5	19.189	16.8	0.5	3.6	4.1	7.1
27	14.4	28.0	21.2	80.6	20.133	17.6	0.9	19.3	20.2	6.8
28	17.7	27.0	20.5	79.5	18.646	16.2	0.0	7.9	7.9	0.8
29	18.0	26.4	20.9	83.7	20.682	18.0	1.0	5.3	6.3	5.3
30	16.6	25.0	19.4	86.3	19.688	17.2	15.5	0.0	15.5	0.8
PROM.	16.2	28.4	21.5	79.6	20.073	17.5	28.8	111.6	140.4	158.3

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	27.0	20.1	82.4	19.262	16.9	0.0	0.0	0.0	2.9
2	16.0	28.8	21.6	77.4	19.742	17.3	0.0	1.0	1.0	6.6
3	17.6	26.4	20.6	85.2	20.820	18.1	3.1	3.0	6.1	3.6
4	16.6	25.0	20.3	84.0	19.812	17.3	1.6	0.4	2.0	1.2
5	17.0	26.0	20.5	83.0	19.928	17.4	0.0	0.1	0.1	2.9
6	17.0	26.0	20.6	85.3	20.801	18.1	4.3	1.1	5.4	3.2
7	17.0	25.0	19.9	80.2	18.613	16.4	0.0	0.0	0.0	6.0
8	14.6	28.0	20.4	81.1	19.600	17.1	0.0	9.7	9.7	6.8
9	14.0	27.0	20.1	84.6	20.031	17.5	4.7	16.2	20.9	6.4
10	16.0	25.0	19.4	86.0	19.240	16.9	0.0	0.0	0.0	2.1
11	13.0	27.0	20.1	81.9	19.062	16.7	0.0	0.0	0.0	6.1
12	15.0	28.0	21.6	82.1	21.147	18.4	0.3	2.2	2.5	3.7
13	14.0	28.0	21.4	86.0	21.598	18.6	3.9	0.0	3.9	6.6
14	16.0	27.0	20.1	86.6	20.575	18.0	0.4	0.0	0.4	2.0
15	15.4	27.0	20.4	85.1	20.226	17.7	3.1	2.3	5.4	3.4
16	15.0	26.0	19.9	90.8	21.338	18.4	1.8	16.3	18.1	2.4
17	17.0	24.0	19.1	95.3	21.180	18.4	14.8	0.0	14.8	5.8
18	14.0	28.0	21.8	80.6	20.932	18.2	0.0	6.3	6.3	8.1
19	15.6	28.5	21.6	80.8	20.449	17.8	0.0	0.2	0.2	8.3
20	17.0	28.0	21.0	84.6	20.810	18.1	0.0	0.0	0.0	4.7
21	17.0	29.0	22.1	85.1	22.353	19.2	0.0	0.0	0.0	7.2
22	18.0	29.0	21.3	85.1	21.730	18.8	0.0	0.0	0.0	6.2
23	16.5	27.0	21.3	84.1	20.560	18.2	0.0	0.0	0.0	2.4
24	15.6	30.0	20.0	85.8	20.165	17.6	0.0	0.0	0.0	7.7
25	17.0	30.0	23.2	78.8	22.290	19.2	0.0	0.0	0.0	7.5
26	15.6	26.0	19.2	84.3	19.094	16.7	1.6	0.0	1.6	0.1
27	13.2	27.0	20.4	83.4	19.643	17.2	0.0	0.0	0.0	1.3
28	14.0	28.0	21.5	78.7	19.627	17.2	0.0	0.0	0.0	5.2
29	16.3	27.0	21.2	83.9	20.929	18.2	0.1	14.6	14.7	1.0
30	16.6	26.0	20.0	86.7	20.512	17.9	10.3	4.2	14.5	1.3
31	16.6	27.0	20.8	81.5	19.758	17.3	0.8	13.9	14.7	5.6
PROM	15.8	27.2	20.7	83.9	20.394	17.8	50.8	91.5	142.3	138.3

ESTACION: LA JOYA

MUNICIPIO PEREIRA

AÑO: 1.983

ALTITUD: 1.250

LATITUD: 4-46 N.

LONGITUD: 75-47 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	17.4	30.4	23.4	15.6	33.0	76.4	21.427	18.6	51.3	7	182.3
FEBRERO	17.4	31.2	23.7	14.0	33.6	68.3	15.169	16.8	40.1	10	185.1
MARZO	18.3	29.5	23.0	16.4	32.0	74.2	20.445	17.8	269.6	14	149.7
ABRIL	17.5	27.8	21.8	15.6	31.0	79.5	20.643	18.0	372.7	22	95.6
MAYO	17.7	28.6	22.3	15.3	31.6	79.2	21.136	18.4	401.1	23	128.2
JUNIO	16.5	28.0	21.9	13.0	30.3	79.0	20.470	17.8	122.8	19	
JULIO	16.3	29.1	22.3	12.3	32.0	75.7	15.850	17.3	77.6	16	
AGOSTO	16.3	28.9	22.2	13.6	32.0	76.2	15.693	17.2	88.3	13	
SEPTIEMBRE											
OCTUBRE	16.3	27.8	21.0	14.0	31.0	81.8	20.293	17.7	168.1	22	152.6
NOVIEMBRE	16.2	28.4	21.5	14.0	30.5	79.6	20.073	17.5	140.4	19	158.3
DICIEMBRE	15.8	27.2	20.7	13.0	30.0	83.9	20.394	17.8	142.3	19	138.3
PROMEDIO											
TOTAL											

ESTACION: LA TRINIDAD

MUNICIPIO: LIBANO

AÑO: 1.983

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	16.7	24.8	20.5	82.1	19.932	17.3	0.0	12.8	12.8	5.7
2	17.0	24.5	19.3	84.8	19.297	16.9	6.8	0.0	6.8	1.1
3	17.0	23.5	20.1	83.1	19.693	17.2	4.9	0.0	4.9	0.9
4	16.5	25.8	19.5	88.4	20.775	18.1	0.7	15.6	16.3	2.7
5	15.7	23.8	19.7	87.5	20.134	17.5	0.0	0.0	0.0	1.0
6	16.4	24.2	20.3	84.8	20.246	17.7	0.0	0.0	0.0	2.0
7	17.0	23.8	20.7	89.6	22.001	18.9	0.0	0.0	0.0	1.3
8	16.8	25.0	20.7	78.0	19.135	16.6	0.0	0.0	0.0	6.9
9	16.4	25.6	20.9	80.0	20.033	17.4	0.0	0.0	0.0	6.8
10	16.8	23.5	20.4	83.8	20.108	17.6	0.0	24.4	24.4	2.0
11	17.9	24.5	20.0	90.0	21.395	18.5	0.0	0.0	0.0	6.4
12	16.4	25.6	20.7	85.1	20.722	18.0	0.0	0.0	0.0	4.4
13	17.6	24.9	20.5	84.1	20.430	17.8	0.0	3.6	3.6	2.0
14	17.1	24.4	20.4	83.0	19.703	17.2	0.0	0.0	0.0	1.0
15	14.5	24.4	20.8	85.9	21.095	18.3	0.0	0.0	0.0	5.2
16	17.5	23.6	20.5	84.5	20.474	17.7	1.2	0.0	1.2	1.6
17	16.4	24.9	21.1	81.1	20.152	17.5	0.0	0.0	0.0	5.6
18	15.6	24.9	21.1	74.4	18.467	16.1	0.0	0.0	0.0	5.8
19	15.6	24.9	20.5	78.7	19.043	16.7	0.0	0.0	0.0	7.2
20	16.7	25.7	21.7	79.2	20.406	17.8	0.0	0.0	0.0	6.6
21	16.4	27.4	21.3	78.7	20.131	17.5	0.0	0.0	0.0	7.9
22	16.8	26.9	21.3	80.9	20.529	17.8	0.0	0.0	0.0	6.6
23	16.2	26.9	22.0	72.0	18.815	16.5	0.0	0.0	0.0	7.6
24	15.1	25.7	21.1	71.3	18.436	16.0	0.0	0.0	0.0	9.0
25	16.2	25.8	21.2	82.8	21.037	18.2	0.0	0.0	0.0	5.9
26	17.6	25.4	21.6	83.0	21.560	18.6	0.0	0.0	0.0	2.4
27	19.0	26.6	21.4	81.7	20.856	18.2	1.0	0.8	1.8	2.4
28	17.4	24.7	20.4	83.6	20.268	17.6	0.0	0.0	0.0	2.7
29	18.4	23.9	20.5	80.9	19.677	17.2	0.0	0.0	0.0	0.7
30	16.8	26.8	21.7	74.1	19.060	16.8	0.0	0.0	0.0	5.3
31	18.0	25.5	21.0	81.8	20.401	17.8	0.0	0.0	0.0	1.0
PROM.	16.8	25.1	20.8	81.9	20.130	17.5	14.6	57.2	71.8	127.7

## 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	18.8	25.7	20.2	82.5	19.789	17.3	0.0	0.2	0.2	4.2
2	17.0	23.8	20.3	84.6	20.140	17.5	0.0	0.0	0.0	0.5
3	16.1	26.9	21.5	74.5	18.767	16.5	0.0	0.0	0.0	7.7
4	16.5	24.0	20.5	87.1	21.032	18.3	1.2	0.0	1.2	0.2
5	16.5	25.6	20.4	87.5	20.905	18.1	0.0	0.0	0.0	2.0
6	17.7	24.6	20.6	83.7	20.343	17.8	0.8	6.8	7.6	3.1
7	17.1	24.8	20.4	86.0	20.595	18.0	0.5	0.0	0.5	2.9
8	16.2	26.2	20.4	75.3	18.237	15.9	0.0	0.0	0.0	6.9
9	16.6	25.9	20.7	79.6	19.355	16.9	0.0	0.0	0.0	5.6
10	17.9	25.1	20.7	77.2	19.077	16.7	0.0	0.0	0.0	3.2
11	16.2	26.9	21.5	72.0	18.218	16.0	0.0	0.0	0.0	7.4
12	17.1	25.9	20.9	80.1	19.738	17.3	0.0	0.0	0.0	5.4
13	16.2	25.4	20.0	82.0	19.120	16.7	0.0	0.0	0.0	4.0
14	16.4	25.7	20.5	82.4	19.872	17.3	0.0	0.0	0.0	4.7
15	15.4	26.6	22.1	62.7	16.292	14.3	0.0	0.0	0.0	10.2
16	18.0	27.3	22.2	72.3	19.191	16.8	0.0	0.0	0.0	4.4
17	17.4	27.6	21.3	81.0	20.449	17.8	0.0	0.0	0.0	5.7
18	17.9	24.0	20.8	84.6	20.833	18.1	0.0	4.8	4.8	2.1
19	16.3	26.9	21.8	75.0	19.283	16.9	0.0	0.0	0.0	8.8
20	17.6	27.7	22.8	69.6	19.127	16.7	0.0	0.0	0.0	8.6
21	17.2	23.2	20.5	90.9	21.926	18.9	0.5	0.0	0.5	0.9
22	17.2	28.8	22.7	73.4	20.011	17.5	0.0	3.1	3.1	8.7
23	17.7	28.7	22.6	70.8	19.290	16.9	0.0	0.0	0.0	7.1
24	16.5	27.5	22.2	76.0	20.137	17.5	0.0	0.0	0.0	5.3
25	17.6	26.9	21.2	81.0	20.246	17.7	0.0	0.1	0.1	5.8
26	17.6	28.8	22.9	70.1	19.357	17.0	0.0	0.0	0.0	8.6
27	16.8	29.9	23.5	61.9	17.575	15.5	0.0	0.0	0.0	6.7
28	17.6	26.6	21.7	78.5	19.877	17.2	4.5	0.0	4.5	2.4
PROM	17.0	26.4	21.3	77.9	19.600	17.1	7.5	15.0	22.5	143.1

ESTACION: LA TRINIDAD

MUNICIPIO: LIGANO

AÑO: 1.983

ALTITUD: 1.430

LATITUD: 4-55 N.

LONGITUD: 75-04 W.

## M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.6	28.8	22.6	77.0	21.077	18.3	0.0	0.0	0.0	5.9
2	18.2	25.9	21.3	81.0	20.718	18.0	0.0	0.0	0.0	2.0
3	18.9	26.6	21.8	80.8	21.302	18.5	3.7	0.0	3.7	1.1
4	17.4	27.6	22.3	72.6	19.472	17.0	0.0	0.8	0.8	3.5
5	16.7	26.8	21.9	73.5	18.595	16.6	0.0	6.4	6.4	1.8
6	18.5	25.1	21.3	84.1	21.023	18.3	0.0	0.6	0.6	0.6
7	17.5	23.4	20.2	85.5	20.202	17.7	0.0	0.0	0.0	0.4
8	18.9	23.9	20.6	90.4	22.174	19.1	0.3	0.0	0.3	0.0
9	18.2	25.7	21.2	80.4	20.440	17.8	3.4	0.6	4.0	0.1
10	17.5	23.4	19.2	90.9	20.645	18.0	3.4	0.0	3.4	0.2
11	17.1	26.8	21.8	76.9	19.874	17.4	0.0	17.3	17.3	7.1
12	16.5	25.3	20.5	84.5	20.372	17.7	0.0	0.0	0.0	3.3
13	18.8	22.3	19.8	89.1	20.449	17.8	0.0	0.4	0.4	0.0
14	18.0	21.7	18.8	95.0	20.755	18.1	4.6	0.0	4.6	0.1
15	16.0	26.9	21.5	74.8	19.442	17.0	0.0	0.3	0.3	8.4
16	17.5	27.3	22.1	75.1	19.967	17.5	0.0	0.2	0.2	6.4
17	18.6	27.8	21.0	84.2	21.363	18.5	5.1	0.0	5.1	3.2
18	17.0	27.4	22.2	77.5	20.974	18.3	0.0	0.0	0.0	3.7
19	18.5	27.4	22.4	76.8	20.739	18.0	0.0	0.0	0.0	2.0
20	17.0	27.1	22.6	75.2	20.643	17.9	0.0	0.0	0.0	0.2
21	17.4	25.1	20.0	79.3	18.830	16.3	0.0	0.0	0.0	0.0
22	15.6	27.6	22.1	69.3	18.199	16.0	0.0	0.0	0.0	5.9
23	18.8	27.9	23.0	75.5	21.021	18.3	0.0	0.2	0.2	6.3
24	18.0	24.2	20.9	80.3	20.089	17.5	0.0	2.7	2.7	0.7
25	18.5	23.0	20.7	85.8	20.837	18.2	0.0	5.6	5.6	0.0
26	17.5	26.0	20.6	83.1	19.841	17.4	0.0	11.2	11.2	1.3
27	16.5	22.8	19.9	81.8	18.670	16.4	1.0	0.0	1.0	0.6
28	17.0	25.8	20.6	78.8	19.112	16.8	0.0	12.3	12.3	6.5
29	17.1	27.6	22.1	73.6	19.297	16.9	0.0	52.0	52.0	6.1
30	15.4	26.5	21.2	80.8	20.127	17.5	0.0	0.0	0.0	6.1
31	15.5	25.8	20.3	78.8	18.542	16.5	0.0	0.0	0.0	6.4
PROM.	17.5	25.8	21.2	80.4	20.183	17.6	22.3	110.6	132.9	89.4

## M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	25.8	20.7	78.8	19.236	16.8	1.5	0.0	1.5	3.5
2	17.5	24.9	20.7	88.5	21.834	18.7	0.0	0.0	0.0	2.2
3	18.0	25.6	20.6	90.3	21.960	19.0	1.2	10.4	11.6	2.8
4	18.0	24.9	21.4	84.1	21.495	18.7	0.0	0.0	0.0	1.9
5	17.5	26.9	21.9	79.2	20.778	18.1	0.0	0.4	0.4	5.9
6	17.0	26.5	21.4	77.1	19.325	16.9	0.0	0.4	0.4	4.8
7	17.0	22.8	19.5	93.5	21.186	18.4	0.9	4.1	5.0	0.1
8	16.7	24.0	19.8	91.7	20.935	18.2	1.2	0.3	1.5	0.2
9	18.0	22.2	19.3	91.2	20.570	17.9	20.2	0.6	20.8	0.0
10	17.5	24.3	20.2	93.8	22.075	19.0	2.6	1.1	3.7	0.8
11	17.2	21.2	19.2	92.7	20.816	18.1	2.1	0.0	2.1	0.0
12	17.0	25.5	21.0	80.4	19.984	17.5	2.9	1.8	4.7	2.1
13	17.5	23.4	19.4	91.7	20.707	18.1	5.0	12.5	17.5	0.0
14	18.2	22.2	19.0	93.0	20.499	17.9	0.0	0.0	0.0	1.2
15	16.9	26.0	21.7	84.8	22.259	19.1	0.0	9.3	9.3	6.8
16	17.5	23.3	19.9	90.6	21.129	18.4	0.3	6.5	6.8	1.0
17	18.4	25.5	21.1	86.7	21.881	18.9	7.8	18.2	26.0	0.8
18	18.4	21.6	19.6	90.7	20.815	18.1	5.8	11.1	16.9	0.1
19	17.5	23.6	21.2	85.9	21.752	18.8	0.0	6.2	6.2	1.8
20	19.2	25.4	22.0	86.7	22.977	19.7	0.4	2.7	3.1	1.9
21	17.6	24.0	20.2	82.3	19.806	17.3	7.0	7.1	14.1	0.2
22	16.9	23.5	20.3	85.8	20.746	18.0	0.0	0.0	0.0	4.2
23	17.4	25.0	20.3	83.0	21.288	18.4	0.0	38.9	38.9	5.2
24	16.5	25.0	20.4	80.5	18.998	16.6	0.3	0.0	0.3	3.9
25	16.2	25.5	21.1	80.5	20.483	17.8	0.0	0.5	0.5	6.4
26	17.7	23.7	19.5	92.6	21.135	18.4	3.7	1.7	5.4	0.5
27	17.7	24.7	20.7	91.3	22.291	19.2	0.0	25.6	25.6	0.7
28	16.9	22.7	19.6	88.3	20.131	17.5	1.1	0.8	1.9	0.2
29	17.5	22.0	19.2	90.9	20.526	17.9	18.4	1.3	19.7	0.0
30	16.3	24.3	20.2	84.2	19.881	17.4	0.0	3.6	3.6	3.3
PROM.	17.4	24.2	20.4	87.0	20.917	18.2	82.4	165.1	247.5	62.5

ESTACION: LA TRINIDAD

MUNICIPIO: LIBANO

AÑO:

1.983

ALTITUD: 1.430

LATITUD: 4-55 N.

LONGITUD: 75-04 W.

## M E S - M A Y O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.9	24.7	21.3	82.6	20.994	18.3	0.0	56.1	56.1	3.2
2	16.6	24.8	21.0	84.5	21.185	18.3	0.0	0.0	0.0	2.1
3	18.1	25.0	21.5	82.6	21.318	18.5	0.0	0.0	0.0	4.1
4	17.6	25.1	21.0	77.6	19.689	17.2	0.0	0.0	0.0	3.6
5	17.4	25.5	21.8	84.2	22.105	19.1	0.0	0.0	0.0	5.4
6	17.5	24.7	20.8	88.2	21.732	18.8	1.4	0.1	1.5	2.7
7	18.5	23.5	20.4	91.8	22.303	19.3	0.0	0.0	0.0	1.1
8	16.0	25.4	21.2	84.5	21.316	18.5	0.0	0.0	0.0	6.1
9	16.9	25.6	22.0	83.1	21.877	18.9	0.0	21.8	21.8	7.3
10	18.1	25.4	22.2	85.5	22.785	19.6	0.0	0.0	0.0	6.1
11	18.0	25.2	22.1	76.2	20.556	18.2	0.0	0.0	0.0	6.4
12	16.5	25.6	21.5	81.8	21.152	18.4	0.0	0.0	0.0	7.4
13	17.5	25.8	21.6	83.3	21.874	18.9	0.0	0.1	0.1	6.4
14	17.6	24.5	20.8	87.2	21.722	18.8	0.0	0.0	0.0	5.0
15	17.6	24.2	20.9	85.9	22.418	19.3	0.0	17.9	17.9	3.1
16	17.5	23.1	18.8	95.0	20.631	18.0	7.3	0.0	7.3	0.4
17	16.5	24.6	20.4	86.6	20.852	18.1	0.0	17.9	17.9	2.3
18	17.5	22.7	19.7	86.9	19.939	17.4	3.9	1.1	5.0	1.7
19	17.5	23.7	19.6	91.1	21.045	18.3	0.0	0.0	0.0	2.2
20	17.8	24.7	20.4	88.7	21.532	18.7	0.4	2.8	3.2	2.3
21	16.4	23.3	19.6	89.7	20.816	18.1	3.1	1.1	4.2	0.7
22	17.3	22.6	19.8	88.6	20.455	17.9	1.8	0.6	2.4	0.5
23	17.2	23.2	20.2	92.2	22.057	19.0	1.3	5.3	6.6	3.0
24	18.1	24.7	20.3	88.2	21.045	18.3	0.1	0.0	0.1	2.3
25	17.6	23.5	20.9	88.6	21.863	18.9	0.0	39.6	39.6	1.4
26	17.2	25.6	21.4	83.5	21.575	18.7	0.0	2.8	2.8	4.2
27	18.0	25.0	20.6	90.9	22.336	19.2	0.0	38.7	38.7	6.1
28	17.8	24.4	20.2	90.3	21.555	18.7	10.4	18.6	29.0	2.5
29	16.2	24.0	20.5	90.2	21.764	18.8	0.0	0.0	0.0	3.4
30	18.4	24.9	20.6	87.0	21.560	18.7	0.0	0.0	0.0	2.5
31	16.7	25.0	20.8	85.3	21.371	18.5	0.0	0.0	0.0	7.0
PROM.	17.5	24.5	20.8	86.6	21.414	18.6	29.7	224.5	254.2	112.5

## M E S - J U N I O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	23.6	20.7	85.7	22.145	19.1	0.0	0.2	0.2	1.3
2	17.2	25.3	21.0	85.6	21.478	18.6	0.0	0.0	0.0	3.1
3	17.6	24.2	20.5	87.8	21.354	18.5	0.0	0.0	0.0	0.0
4	17.7	24.6	20.2	85.5	20.376	17.8	1.4	46.7	48.1	2.5
5	16.7	23.7	20.4	84.3	20.135	17.6	0.0	0.0	0.0	3.7
6	16.0	22.7	20.1	88.0	20.593	17.9	0.6	0.0	0.6	2.0
7	14.6	24.9	20.0	83.9	19.723	17.1	0.0	10.3	10.3	5.9
8	17.1	23.1	19.7	89.5	20.417	17.8	0.3	26.0	26.3	1.1
9	15.7	24.7	20.6	81.7	20.208	17.6	0.0	0.1	0.1	8.4
10	16.6	23.1	20.1	87.8	20.916	18.1	0.0	38.2	38.2	0.0
11	17.8	23.6	20.1	88.5	21.082	18.3	0.0	0.0	0.0	3.7
12	17.3	24.5	20.5	84.6	20.454	17.8	0.0	6.2	6.2	5.1
13	17.2	23.8	20.7	88.0	21.639	18.7	0.0	0.0	0.0	4.9
14	16.5	23.2	20.5	83.7	20.259	17.7	0.0	0.0	0.0	4.9
15	18.0	25.2	21.0	68.3	17.464	14.8	0.0	0.2	0.2	8.0
16	16.6	23.3	19.7	90.1	20.713	18.1	0.0	0.0	0.0	3.0
17	16.7	22.7	19.5	84.6	19.635	17.2	0.0	0.0	0.0	3.6
18	15.3	25.2	19.5	82.6	19.212	16.9	0.0	0.0	0.0	8.7
19	14.5	25.6	20.0	65.9	15.461	13.5	0.0	0.0	0.0	11.3
20	15.5	24.5	20.3	79.8	18.572	16.6	0.0	0.0	0.0	0.6
21	14.5	24.7	20.0	72.7	17.013	15.0	0.0	0.0	0.0	8.1
22	14.5	25.7	21.6	67.6	17.143	15.1	0.0	1.6	1.6	9.9
23	16.8	23.7	19.2	82.7	18.434	16.2	0.0	0.0	0.0	3.7
24	15.0	25.7	21.3	61.6	15.645	13.7	0.0	0.0	0.0	9.9
25	14.6	26.1	20.9	71.9	18.093	15.9	0.0	13.4	13.4	10.1
26	17.0	25.4	20.6	75.7	18.647	16.4	0.0	0.0	0.0	9.3
27	14.4	25.5	20.9	71.3	17.909	15.7	0.0	0.0	0.0	7.2
28	16.0	24.1	20.4	83.9	20.381	17.7	0.0	0.0	0.0	0.9
29	17.6	23.0	19.4	87.2	19.775	17.4	0.0	0.0	0.0	2.2
30	14.6	25.3	20.9	68.5	16.790	14.7	0.0	0.0	0.0	7.3
PROM	16.3	24.4	20.3	80.8	19.402	16.9	2.3	142.9	145.2	150.4

ESTACION: LA TRINIDAD  
 ALTITUD: 1.430

MUNICIPIO: LIBANC AÑO: 1.983  
 LATITUD: 4-55 N. LONGITUD: 75-04 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	24.1	19.9	81.4	18.967	16.7	5.1	0.0	5.1	5.4
2	15.3	25.4	20.4	74.3	17.766	15.7	0.0	0.0	0.0	6.5
3	15.6	25.6	21.9	76.5	20.164	17.6	0.0	0.0	0.0	5.8
4	16.4	25.6	20.9	74.7	16.728	16.4	0.0	0.9	0.9	4.5
5	16.4	24.8	20.1	75.2	17.915	15.8	0.0	0.0	0.0	4.6
6	14.6	24.9	20.7	80.6	15.730	17.2	0.0	0.0	0.0	4.5
7	17.8	25.4	21.5	80.6	20.847	18.1	0.0	0.0	0.0	8.2
8	17.0	24.9	20.6	83.1	20.383	17.8	0.0	1.7	1.7	6.1
9	16.5	24.3	20.5	81.9	19.630	17.2	0.0	28.5	28.5	2.1
10	15.1	25.4	20.2	78.4	18.361	16.1	0.0	0.0	0.0	8.6
11	16.4	25.6	21.2	81.6	20.507	17.9	5.3	6.7	12.0	5.7
12	16.2	25.3	20.2	78.2	18.523	16.3	0.0	0.0	0.0	7.0
13	16.5	26.8	21.0	65.8	16.486	14.5	0.0	0.0	0.0	10.7
14	14.9	26.6	21.0	64.9	15.988	14.0	0.0	0.0	0.0	9.1
15	17.6	25.5	20.5	77.8	19.059	16.7	0.0	7.7	7.7	5.2
16	16.2	26.3	21.7	71.7	18.311	16.0	0.0	23.5	23.5	6.6
17	14.9	23.9	19.5	85.0	19.909	17.4	0.0	0.2	0.2	6.8
18	16.2	27.0	21.4	70.2	17.924	15.8	0.0	0.0	0.0	9.3
19	15.8	26.9	21.8	67.1	17.294	15.2	0.0	0.0	0.0	6.7
20	16.4	26.6	22.4	62.6	16.186	14.1	0.0	0.0	0.0	7.3
21	16.4	26.1	21.3	68.7	17.501	15.4	0.0	0.1	0.1	3.5
22	16.5	25.6	20.6	73.4	17.841	15.7	0.0	3.2	3.2	2.9
23	16.6	24.6	19.8	73.6	16.743	14.7	0.0	0.0	0.0	3.2
24	16.5	27.5	20.8	61.1	13.958	11.4	0.0	0.0	0.0	9.7
25	13.4	27.4	21.8	48.7	12.157	9.8	0.0	0.0	0.0	11.2
26	15.5	27.0	20.3	60.8	14.260	12.2	0.0	0.0	0.0	8.0
27	14.8	25.4	19.6	72.3	16.714	14.7	0.0	0.0	0.0	3.2
28	14.7	27.5	21.5	61.5	15.600	13.6	0.0	0.7	0.7	10.5
29	16.5	27.8	20.8	71.5	17.324	15.2	0.0	0.0	0.0	5.5
30	17.4	23.6	20.6	81.8	15.764	17.3	12.5	0.0	12.5	1.5
31	18.1	25.7	20.7	74.8	18.187	16.0	0.2	0.4	0.6	5.7
PROM.	16.1	25.8	20.8	73.0	17.830	15.6	23.1	73.6	96.7	197.8

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	16.9	25.6	21.0	61.7	14.593	12.4	0.0	0.0	0.0	6.3
2	14.9	25.2	20.9	70.3	16.632	14.6	0.0	0.0	0.0	5.6
3	16.4	26.0	20.9	70.3	17.279	15.2	0.0	0.0	0.0	3.2
4	14.1	26.9	22.2	65.8	17.248	15.1	0.0	2.8	2.8	9.9
5	17.5	25.6	20.2	70.6	16.601	14.4	0.0	0.0	0.0	5.5
6	14.8	25.1	20.2	75.6	17.786	15.7	0.0	0.0	0.0	4.9
7	17.2	26.2	21.4	72.6	17.914	15.5	0.0	0.0	0.0	7.1
8	13.5	25.9	19.5	67.6	14.963	12.9	0.0	0.0	0.0	4.6
9	14.0	27.7	20.4	62.1	14.624	12.6	0.0	0.0	0.0	6.4
10	14.6	26.9	22.4	52.5	13.630	11.4	0.0	0.0	0.0	10.7
11	14.0	29.4	22.2	51.8	13.252	11.2	0.0	0.1	0.1	9.1
12	16.0	26.8	20.7	74.5	18.330	16.1	0.0	0.0	0.0	6.2
13	15.0	27.6	21.3	63.6	15.742	13.6	0.0	0.0	0.0	9.8
14	16.6	28.9	22.9	49.8	13.389	11.0	0.0	0.0	0.0	10.7
15	18.2	29.6	22.7	54.7	14.511	12.4	0.0	0.0	0.0	8.5
16	17.4	28.5	22.2	61.9	16.205	14.1	0.0	0.0	0.0	5.0
17	16.4	27.6	21.6	60.3	15.316	13.3	0.0	0.0	0.0	5.9
18	16.8	27.0	20.9	64.5	15.753	13.7	0.0	0.0	0.0	4.1
19	16.6	23.9	19.0	75.6	16.682	14.7	0.0	0.0	0.0	0.9
20	13.6	26.9	21.0	61.4	14.901	12.9	0.0	0.0	0.0	9.3
21	16.0	27.6	22.1	60.4	15.440	13.4	0.0	0.0	0.0	7.4
22	17.2	27.9	21.7	60.9	15.457	13.4	0.0	0.0	0.0	11.0
23	18.2	28.9	22.8	61.1	16.746	14.7	0.0	2.9	2.9	6.9
24	17.5	25.8	20.2	83.3	19.769	17.3	1.5	0.0	1.5	3.9
25	17.2	26.3	21.4	70.6	17.472	15.3	0.0	0.0	0.0	4.9
26	16.4	25.9	20.7	74.4	18.076	15.9	0.0	0.0	0.0	5.3
27	14.4	27.6	22.0	63.9	16.744	14.6	0.0	0.4	0.4	7.0
28	17.5	23.7	19.3	92.0	21.051	18.3	3.0	0.0	3.0	0.3
29	16.6	24.3	20.9	81.5	19.752	17.3	0.5	0.0	0.5	2.2
30	16.8	27.7	22.0	66.4	17.202	15.1	0.0	0.0	0.0	9.1
31	14.5	28.7	22.7	56.2	15.359	13.3	0.0	5.1	5.1	10.4
PROM.	16.0	26.8	21.2	66.4	16.402	14.2	5.0	30.2	35.2	202.1

ESTACION: LA TRINIDAD  
 ALTITUD: 1.430

MUNICIPIO: LIJANO  
 LATITUD: 4-55 N.

AÑO: 1-983  
 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	16.0	27.6	21.2	75.8	18.987	16.6	3.1	2.8	5.9	5.6
2	17.0	27.6	22.1	76.3	19.918	17.4	0.0	48.2	48.2	7.3
3	15.6	27.6	20.5	77.2	18.634	16.3	0.0	0.0	0.0	7.8
4	16.5	27.4	21.0	78.1	19.652	17.1	0.0	18.4	18.4	7.3
5	15.5	26.2	21.2	79.2	20.048	17.5	0.5	1.9	2.4	6.0
6	16.6	24.8	20.3	80.8	19.333	17.0	1.3	23.4	24.7	1.8
7	16.5	24.7	20.3	84.7	20.298	17.7	0.4	0.0	0.4	1.3
8	14.0	24.0	18.8	87.2	19.327	16.6	2.9	1.9	4.8	4.3
9	16.7	26.6	20.8	71.3	18.163	15.9	0.0	0.0	0.0	9.1
10	16.3	26.4	21.6	61.7	15.152	13.1	0.0	1.1	1.1	7.2
11	16.8	25.9	20.7	83.6	20.202	17.6	0.3	5.2	5.5	6.8
12	16.9	25.6	20.5	76.4	18.734	16.5	1.4	0.0	1.4	4.0
13	16.9	26.5	21.4	64.8	16.302	14.1	0.0	32.9	32.9	6.6
14	16.4	25.6	19.5	83.9	18.924	16.6	0.0	0.0	0.0	3.9
15	15.0	25.9	20.1	77.6	16.379	16.2	0.7	0.0	0.7	4.7
16	15.4	23.0	20.0	85.9	20.109	17.5	0.0	25.7	25.7	0.3
17	14.6	25.3	19.6	84.4	19.291	16.9	0.1	0.0	0.1	4.0
18	16.0	26.5	20.4	83.2	19.914	17.4	0.0	0.0	0.0	6.2
19	16.9	25.6	21.3	78.1	20.089	17.6	0.1	3.3	3.4	7.2
20	16.0	26.4	21.4	75.3	19.426	17.0	0.0	17.1	17.1	7.1
21	15.5	25.3	20.9	81.5	19.845	17.4	0.0	11.7	11.7	6.1
22	16.0	21.5	18.3	87.9	18.553	16.3	9.0	0.0	9.0	1.7
23	15.3	25.3	21.1	78.0	19.339	17.0	0.0	1.7	1.7	7.3
24	16.6	24.6	20.3	86.6	20.321	17.8	14.9	3.8	18.7	2.3
25	17.3	26.7	20.7	74.1	17.925	15.8	0.0	1.7	1.7	5.3
26	16.4	25.9	20.4	77.4	18.777	16.5	0.0	0.7	0.7	3.4
27	17.6	26.3	21.4	76.8	19.674	17.2	0.0	0.0	0.0	9.5
28	16.6	24.2	20.4	81.5	19.737	17.3	0.0	0.1	0.1	5.9
29	16.0	26.5	22.0	64.0	17.120	15.1	0.0	0.6	0.6	9.1
30	16.5	25.7	20.3	75.5	18.034	15.8	0.5	0.0	0.5	5.2
PROM.	16.2	25.7	20.6	78.3	19.007	16.6	35.2	202.2	237.4	164.5

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	15.3	25.9	21.0	69.9	17.167	15.1	0.0	0.0	0.0	8.4
2	17.6	25.6	20.8	74.9	18.689	16.4	0.0	0.0	0.0	9.1
3	17.0	25.9	20.6	81.1	19.860	17.4	0.3	3.6	3.9	6.4
4	16.7	25.3	20.5	73.3	17.474	15.4	0.0	0.0	0.0	4.9
5	16.6	26.4	21.3	68.2	16.775	14.7	0.0	0.0	0.0	8.6
6	16.6	27.3	21.2	64.6	16.225	14.2	0.0	0.0	0.0	9.0
7	14.4	25.0	19.8	69.7	16.074	14.0	0.0	0.0	0.0	4.1
8	15.6	26.0	21.2	76.1	19.520	17.1	0.0	0.3	0.3	7.5
9	17.3	26.0	21.7	73.6	18.661	16.4	0.0	0.2	0.2	7.3
10	16.4	26.0	20.9	73.4	18.517	16.3	0.0	22.2	22.2	10.3
11	15.6	24.2	19.8	84.3	19.440	17.0	0.0	0.0	0.0	5.3
12	16.3	25.3	21.0	77.0	18.885	16.6	0.0	6.5	6.5	5.0
13	16.0	22.5	19.4	90.6	20.373	17.8	0.0	0.9	0.9	0.8
14	15.6	23.0	18.1	91.6	19.811	17.3	42.0	0.0	42.0	0.0
15	15.5	22.2	19.5	85.1	19.407	17.0	0.0	115.4	115.4	0.4
16	14.4	22.6	17.4	90.1	18.123	15.9	4.7	0.5	5.2	0.6
17	14.7	23.5	18.8	81.7	17.986	15.8	0.0	0.0	0.0	4.4
18	14.0	24.5	19.9	80.1	18.779	16.4	0.0	0.1	0.1	6.4
19	16.5	23.1	18.7	91.3	20.050	17.5	8.0	31.8	39.8	0.1
20	15.1	23.3	17.8	84.0	17.598	15.5	8.1	0.0	8.1	2.6
21	14.9	23.0	19.2	87.5	19.498	17.0	5.9	2.3	8.2	1.4
22	15.3	24.0	19.9	77.1	17.786	15.6	0.0	0.0	0.0	6.0
23	17.5	24.0	19.9	80.4	19.000	16.7	0.0	1.5	1.5	5.3
24	16.1	24.0	19.6	88.7	20.447	17.8	2.1	0.0	2.1	4.8
25	17.4	21.5	19.0	87.9	19.587	17.2	0.0	30.1	30.1	0.0
26	15.6	23.7	19.3	87.7	19.656	17.2	43.1	32.2	75.3	0.6
27	15.1	22.5	19.2	89.5	20.171	17.6	0.0	0.0	0.0	0.9
28	16.4	23.2	19.9	87.4	20.383	17.7	0.0	30.1	30.1	2.8
29	15.7	25.3	20.3	80.0	19.117	16.8	0.0	17.4	17.4	3.7
30	16.1	21.5	18.8	91.8	19.936	17.4	7.2	0.0	7.2	0.1
31	16.4	21.5	18.7	84.9	18.495	16.2	5.1	0.1	5.2	0.3
PROM.	15.9	24.1	19.8	81.4	18.822	16.5	126.5	295.2	421.7	127.1

ESTACION: LA TRINIDAD

MUNICIPIO: LEGAÑO

AÑO: 1.983

ALTITUD: 1.430

LATITUD: 4-55 N.

LONGITUD: 75-04 W.

## M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	24.5	19.1	85.4	19.138	16.8	0.0	0.0	0.0	5.3
2	16.7	25.0	19.8	85.5	20.116	17.5	0.2	0.0	0.2	6.5
3	15.4	23.0	19.5	86.8	19.506	17.1	27.9	0.0	27.9	1.6
4	17.2	24.8	20.4	78.2	18.761	16.4	0.0	1.5	1.5	3.4
5	15.4	24.0	19.4	91.9	20.654	18.1	0.1	0.0	0.1	2.1
6	15.9	25.6	20.6	82.2	20.253	17.6	0.3	0.0	0.3	5.5
7	15.6	25.3	20.4	85.9	20.896	18.2	0.0	1.4	1.4	4.2
8	15.3	23.5	19.9	84.6	19.637	17.2	0.0	0.0	0.0	0.8
9	16.2	24.7	20.5	85.4	20.520	17.8	0.0	0.0	0.0	2.9
10	15.4	23.8	19.2	89.4	20.124	17.6	0.0	0.4	0.4	3.4
11	15.6	25.7	20.4	75.6	18.386	16.1	4.7	4.0	8.7	4.6
12	15.4	23.3	18.8	92.8	20.645	17.9	3.0	0.0	3.0	3.5
13	14.5	25.3	19.8	83.5	19.434	17.0	0.2	0.0	0.2	4.1
14	14.8	24.8	19.3	82.8	19.140	16.7	2.3	1.3	3.6	5.0
15	14.0	23.8	19.5	82.0	18.720	16.3	0.0	1.2	1.2	5.6
16	15.2	24.8	19.8	86.1	19.800	17.3	0.6	0.0	0.6	4.7
17	15.5	24.5	20.2	81.7	19.807	17.2	0.0	0.0	0.0	3.1
18	14.6	24.2	20.5	84.7	20.389	17.9	0.0	19.5	19.5	7.3
19	18.0	26.0	21.4	86.1	21.913	19.0	0.0	0.0	0.0	7.7
20	14.8	24.5	19.6	84.3	19.130	16.8	0.0	0.0	0.0	4.7
21	15.2	25.8	21.7	72.3	19.113	16.7	0.0	0.4	0.4	8.8
22	16.2	25.2	21.0	83.0	20.530	17.9	0.0	0.0	0.0	5.6
23	15.9	24.9	20.4	84.2	20.622	17.9	2.8	1.3	4.1	5.7
24	15.4	23.3	19.4	86.0	19.508	17.1	0.0	0.0	0.0	3.0
25	15.7	25.2	20.5	79.9	19.497	17.1	0.0	16.5	16.5	9.3
26	15.7	23.5	19.9	85.3	19.788	17.3	0.4	0.0	0.4	5.9
27	15.0	24.3	20.1	76.3	17.970	15.8	0.0	5.9	5.9	7.4
28	17.2	23.8	19.9	89.5	20.682	18.0	0.0	30.1	30.1	2.8
29	15.1	20.5	18.0	91.6	19.019	16.7	11.1	0.7	11.8	0.0
30	15.8	23.0	18.5	91.7	19.767	17.3	11.2	0.2	11.4	1.6
PROM.	15.7	24.4	19.9	84.5	19.756	17.3	64.8	84.4	149.2	136.1

## 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	15.6	22.9	18.8	87.4	19.015	16.7	2.1	0.0	2.1	0.2
2	14.5	24.5	18.6	82.4	17.892	15.7	0.0	0.0	0.0	4.7
3	15.4	24.4	20.1	81.0	19.471	17.0	0.0	13.6	13.6	6.6
4	15.2	21.7	17.8	90.4	18.485	16.3	0.2	0.7	0.9	0.6
5	16.0	24.1	18.0	85.0	18.242	16.0	10.0	20.9	30.9	1.8
6	15.1	24.3	19.9	84.1	19.575	17.1	0.0	1.8	1.8	3.1
7	15.2	24.0	19.4	77.0	17.336	15.2	0.0	10.3	10.3	5.0
8	13.3	22.7	18.3	85.9	18.278	15.9	0.1	12.4	12.5	3.6
9	15.4	22.0	18.0	92.8	19.368	17.0	4.0	2.6	6.6	2.2
10	15.6	22.4	17.9	84.4	17.356	15.3	0.0	0.0	0.0	4.5
11	13.8	23.2	19.4	80.8	18.212	15.9	0.1	1.0	1.1	3.5
12	15.4	23.1	19.0	78.4	17.587	15.4	0.0	0.0	0.0	3.1
13	15.7	22.5	19.1	81.0	18.221	15.9	2.2	0.5	2.7	4.2
14	15.6	22.0	19.1	89.8	19.761	17.3	0.0	0.0	0.0	1.9
15	15.6	23.5	18.9	81.0	18.047	15.8	0.0	0.0	0.0	3.6
16	15.9	24.2	19.9	86.0	20.144	17.6	0.0	14.2	14.2	1.8
17	16.3	22.0	18.7	87.4	18.945	16.6	6.3	0.3	6.6	1.1
18	15.6	24.6	19.1	79.2	17.580	15.5	1.6	0.8	2.4	5.5
19	16.3	24.0	20.0	83.1	19.584	17.1	0.0	9.2	9.2	4.6
20	15.4	22.5	18.6	89.7	19.421	17.0	7.4	0.3	7.7	3.3
21	15.4	23.6	19.3	79.9	18.277	16.0	0.0	0.0	0.0	4.6
22	15.0	23.5	19.5	82.7	18.885	16.5	0.0	0.0	0.0	2.8
23	15.4	24.0	19.8	82.0	19.280	16.8	0.0	0.0	0.0	4.1
24	15.2	23.3	19.7	82.4	18.911	16.6	0.8	0.0	0.8	4.2
25	15.7	24.9	19.8	85.6	19.914	17.3	0.0	0.0	0.0	4.1
26	15.4	23.3	19.4	79.7	18.314	16.0	0.8	0.0	0.8	0.8
27	14.8	24.5	19.9	82.8	19.033	16.6	0.0	0.0	0.0	7.3
28	14.4	24.9	19.8	77.0	18.033	15.8	0.0	0.0	0.0	7.9
29	14.5	24.6	20.0	79.0	18.773	16.4	0.0	0.0	0.0	6.4
30	15.3	24.2	19.2	82.9	18.488	16.2	0.0	0.8	0.8	2.1
31	15.0	23.2	19.4	84.1	18.851	16.5	0.0	7.3	7.3	2.7
PROM.	15.3	23.5	19.2	83.4	18.686	16.4	35.6	96.7	132.3	111.9

ESTACION: LA TRINIDAD

MUNICIPIO LIBANC

AÑO: 1.983

ALTITUD: 1.430

LATITUD: 4-55 N.

LONGITUD: 75-04 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	16.8	25.1	20.8	14.5	27.4	81.9	20.130	17.5	71.8	8	127.7
FEBRERO	17.0	26.4	21.3	15.4	29.9	77.9	19.600	17.1	22.5	9	143.1
MARZO	17.5	25.8	21.2	15.4	28.8	80.4	20.183	17.6	132.9	21	89.4
ABRIL	17.4	24.2	20.4	16.2	26.9	87.0	20.517	18.2	247.5	26	62.5
MAYO	17.5	24.5	20.8	16.0	25.8	80.6	21.414	18.6	254.2	17	112.5
JUNIO	16.3	24.4	20.3	14.4	26.1	80.8	19.402	16.9	145.2	11	150.4
JULIO	16.1	25.8	20.8	13.4	27.8	73.0	17.830	15.6	96.7	13	197.8
AGOSTO	16.0	26.8	21.2	13.5	29.6	66.4	16.402	14.2	35.2	9	202.1
SEPTIEMBRE	16.2	25.7	20.6	14.0	27.6	78.3	19.007	16.6	237.4	25	104.5
OCTUBRE	15.9	24.1	19.8	14.0	27.3	81.4	18.822	16.5	421.7	21	127.1
NOVIEMBRE	15.7	24.4	19.9	14.0	26.0	84.5	19.796	17.3	149.2	22	136.1
DICIEMBRE	15.3	23.5	19.2	13.3	24.9	83.4	18.686	16.4	132.3	19	111.9
PROMEDIO	16.5	25.1	20.5	14.5	27.3	80.1	19.349	16.9			
TOTAL									1946.6	201	1625.1

ESTACION: CHAPETON  
 ALTITUD: 1.300

MUNICIPIO: IEAGUE  
 LATITUD: 4-27 N.

AÑO: 1.983  
 LONGITUD: 75-16 W.

M E S - ENERC

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	26.8	21.4	81.5	20.480	17.7	0.0	0.0	0.0	6.2
2	15.5	25.6	21.1	85.2	21.363	18.5	0.0	0.0	0.0	5.0
3	17.0	23.5	20.6	92.6	22.373	19.2	0.4	17.3	17.7	0.8
4	16.5	24.5	19.7	95.5	21.950	19.0	5.5	35.2	40.7	1.5
5	16.5	24.5	19.9	86.1	19.756	17.2	0.0	2.7	2.7	0.4
6	16.4	25.5	20.6	86.0	20.707	18.0	13.0	0.0	13.0	1.9
7	16.6	25.5	20.7	86.0	21.132	18.3	0.0	0.0	0.0	2.9
8	16.9	26.9	21.3	81.4	20.957	18.2	0.0	0.0	0.0	8.4
9	15.5	27.5	21.9	82.5	21.277	18.5	0.0	0.0	0.0	7.0
10	16.0	29.0	22.0	76.3	19.942	17.3	0.0	0.0	0.0	2.1
11	17.0	26.8	21.4	84.1	21.143	18.3	0.0	0.0	0.0	3.2
12	15.0	26.5	20.6	80.8	19.953	17.4	0.0	0.0	0.0	3.8
13	17.0	26.0	20.6	82.1	20.449	17.7	0.0	0.0	0.0	6.2
14	15.5	26.0	20.9	86.8	21.655	18.6	0.0	0.0	0.0	4.6
15	17.0	26.5	22.5	84.1	22.588	19.7	0.0	0.3	0.3	5.4
16	15.3	25.0	20.5	85.1	20.390	17.7	0.0	0.0	0.0	2.4
17	15.5	27.5	21.2	77.7	20.205	17.5	0.0	0.0	0.0	7.0
18	15.5	27.6	21.4	84.3	21.708	18.8	0.0	0.0	0.0	6.7
19	16.0	28.5	21.6	75.4	19.982	17.3	0.0	0.0	0.0	4.9
20	16.5	28.0	22.7	66.0	18.569	16.3	0.0	0.0	0.0	6.8
21	16.5	29.0	22.3	78.3	20.416	17.7	0.0	0.0	0.0	8.9
22	16.5	28.6	22.4	71.2	19.023	16.5	0.0	0.0	0.0	8.4
23	17.0	28.5	22.3	70.5	18.956	16.7	0.0	0.0	0.0	9.0
24	15.5	28.5	20.8	75.3	18.376	16.2	0.0	0.0	0.0	9.1
25	15.5	28.0	22.0	80.4	20.759	18.0	0.0	0.0	0.0	8.7
26	18.0	27.0	22.2	85.1	22.814	19.6	0.0	2.0	2.0	4.6
27	17.5	26.0	22.4	84.7	22.655	19.4	0.9	4.1	5.0	5.7
28	18.0	25.6	19.9	87.2	20.678	18.0	0.8	0.0	0.8	5.7
29	16.8	25.5	21.4	86.8	22.008	18.9	0.0	0.0	0.0	2.1
30	16.5	26.8	20.2	84.0	19.783	17.3	1.9	0.0	1.9	4.4
31	17.5	25.9	20.6	89.5	21.726	18.8	0.0	0.0	0.0	1.9
PROM.	16.4	26.7	21.3	82.3	20.780	18.0	22.5	75.8	98.3	155.7

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	26.5	20.6	80.4	19.813	17.2	0.0	0.0	0.0	5.1
2	15.4	23.0	21.6	73.2	18.149	16.0	0.0	0.0	0.0	2.2
3	15.5	24.5	21.7	67.3	17.019	14.9	0.0	0.0	0.0	6.7
4	16.1	27.8	22.1	80.0	21.014	18.2	0.0	0.0	0.0	4.0
5	16.5	26.0	21.6	82.9	20.521	18.2	0.0	0.0	0.0	4.5
6	18.0	26.9	19.9	93.0	21.761	18.8	2.0	0.8	2.8	5.1
7	14.0	24.9	20.5	90.9	22.342	19.2	6.3	0.0	6.3	1.2
8	17.0	25.6	20.8	84.5	20.693	18.0	0.6	4.1	4.7	4.1
9	16.5	26.5	20.5	85.7	20.413	17.8	0.0	0.0	0.0	5.3
10	16.0	25.5	21.1	79.9	19.646	17.2	0.0	0.0	0.0	3.8
11	16.0	26.8	22.0	79.6	20.600	17.9	0.0	15.4	15.4	6.1
12	18.6	27.5	20.9	86.7	21.768	18.8	0.0	0.0	0.0	8.5
13	15.6	27.6	22.4	66.7	18.238	15.7	0.0	0.0	0.0	8.9
14	17.5	27.5	21.5	74.2	19.301	16.8	0.0	0.0	0.0	6.4
15	14.6	27.6	21.4	80.0	19.956	17.4	0.0	0.0	0.0	8.2
16	17.0	28.6	24.2	57.4	17.129	15.0	0.0	0.0	0.0	4.1
17	15.0	28.5	22.0	73.3	18.869	16.4	0.0	0.0	0.0	8.4
18	16.6	26.0	20.2	89.4	21.342	18.5	11.8	27.8	146.5	3.2
19	15.8	27.9	21.1	81.0	19.900	17.4	0.0	0.0	0.0	8.2
20	15.0	28.5	22.5	75.9	20.566	17.9	0.0	0.0	0.0	8.2
21	17.0	26.0	21.8	86.7	22.162	19.1	0.0	4.3	4.3	1.9
22	17.0	28.6	22.0	80.9	20.909	18.2	0.0	0.0	0.0	6.9
23	16.6	28.0	21.9	82.8	21.808	18.9	0.0	0.0	0.0	3.4
24	17.0	29.9	22.8	73.6	19.631	17.1	0.0	16.9	16.9	6.9
25	17.5	29.0	22.7	66.7	18.175	16.0	0.0	0.0	0.0	3.4
26	17.9	29.0	22.3	71.4	19.126	16.7	0.0	0.0	0.0	6.6
27	15.5	30.5	23.2	65.2	18.361	16.0	0.0	17.0	17.0	9.3
28	18.5	27.5	22.4	79.7	21.413	18.6	4.4	0.0	4.4	4.6
PROM.	16.4	27.5	21.7	78.2	20.037	17.4	132.0	86.3	218.3	155.2

ESTACION: CHAPETON

MUNICIPIO: IEAGUE

AÑO: 1.983

ALTITUD: 1.300

LATITUD: 4-27 N.

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	18.5	24.0	23.1	78.5	22.287	19.2	0.0	0.0	0.0	6.1
2	15.5	26.9	22.2	84.9	22.531	19.3	0.0	0.0	0.0	2.6
3	18.5	27.5	22.9	79.2	21.671	18.7	0.0	10.0	10.0	3.3
4	17.5	28.1	23.0	84.9	23.839	20.3	28.7	0.0	28.7	5.7
5	17.5	27.5	22.2	82.4	22.280	19.2	0.0	0.0	0.0	4.1
6	17.0	26.5	21.5	86.0	22.056	19.0	0.0	10.4	10.4	2.4
7	18.5	24.5	20.5	91.6	21.922	18.9	9.6	0.0	9.6	2.8
8	15.8	25.0	21.0	88.2	22.036	19.0	0.0	28.2	28.2	1.6
9	17.0	26.3	21.6	85.0	21.822	18.9	0.9	2.1	3.0	0.3
10	18.5	24.5	20.2	85.5	22.557	17.9	22.3	0.0	22.3	5.0
11	17.0	28.0	22.7	81.0	22.045	19.0	0.0	5.0	5.0	4.5
12	17.5	27.3	21.4	78.9	20.601	18.0	0.0	0.0	0.0	7.8
13	16.5	26.8	21.6	82.8	21.090	18.3	0.0	20.0	20.0	4.0
14	17.5	24.5	20.5	89.5	21.377	18.6	2.8	0.0	2.8	0.7
15	15.0	27.5	21.0	81.5	20.325	17.6	0.0	0.0	0.0	7.1
16	15.5	28.5	22.5	78.2	20.593	17.9	0.0	0.0	0.0	8.2
17	17.3	28.5	23.3	76.8	21.519	18.7	0.0	0.2	0.2	2.7
18	17.0	26.5	21.5	87.0	22.457	19.3	0.0	0.0	0.0	7.0
19	17.5	28.0	23.7	70.6	20.987	18.2	0.0	0.0	0.0	8.3
20	17.5	26.5	23.3	60.3	17.605	15.5	0.0	0.0	0.0	6.0
21	16.5	26.5	21.9	77.3	20.269	17.7	0.0	0.0	0.0	0.3
22	15.0	28.5	22.5	72.9	19.346	16.9	0.0	4.5	4.5	8.4
23	18.5	27.5	22.6	78.3	21.237	18.4	0.0	7.3	7.3	0.8
24	18.0	25.3	21.5	81.4	20.703	18.0	0.0	3.0	3.0	4.8
25	18.0	25.5	21.0	81.4	20.266	17.7	6.5	0.3	6.8	0.9
26	18.5	27.0	21.9	80.2	20.924	18.2	0.8	0.6	1.4	3.1
27	18.0	25.0	19.8	86.7	20.293	17.7	1.7	0.9	2.6	0.5
28	16.5	26.9	22.1	79.9	21.044	18.2	0.0	0.0	0.0	8.4
29	16.8	27.6	22.5	78.9	21.273	18.4	0.0	20.3	20.3	7.2
30	15.5	27.0	20.6	78.1	18.956	16.7	0.0	0.0	0.0	7.5
31	15.0	27.9	20.4	83.7	20.468	17.9	0.0	0.0	0.0	4.0
PROM.	17.1	26.9	21.8	81.0	21.110	18.3	73.3	112.8	186.1	136.1

## M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.3	27.5	21.7	76.2	20.014	17.4	0.0	0.0	0.0	6.7
2	15.0	27.5	21.0	86.4	21.580	18.6	0.0	0.0	0.0	1.9
3	16.6	27.5	21.7	79.4	20.521	17.9	0.0	9.7	9.7	7.5
4	18.0	27.5	21.3	78.7	20.124	17.6	6.8	0.0	6.8	3.8
5	16.5	28.8	22.2	83.4	22.253	19.2	0.0	0.0	0.0	4.2
6	17.0	26.8	22.3	82.1	21.547	18.7	0.0	0.0	0.0	4.8
7	17.5	25.6	20.7	93.1	22.817	19.6	2.2	0.0	2.2	0.3
8	16.5	24.5	20.5	85.2	21.529	18.7	0.0	5.3	5.3	2.5
9	18.0	24.0	21.1	85.7	21.663	18.8	14.8	44.6	59.4	0.2
10	16.5	25.6	20.5	90.7	22.007	19.0	1.2	0.8	2.0	0.8
11	17.6	24.0	19.8	90.4	21.243	18.5	2.6	0.0	2.6	2.1
12	17.0	26.4	21.7	84.1	21.568	18.7	4.2	1.1	5.3	3.9
13	17.0	24.6	20.5	85.7	20.464	17.8	19.6	0.4	20.0	1.7
14	17.0	23.9	20.4	82.7	19.823	17.3	0.0	0.0	0.0	1.0
15	17.5	27.6	21.7	83.6	22.141	19.0	10.2	18.2	28.4	7.7
16	17.6	25.5	20.0	85.6	20.325	17.7	2.4	1.6	4.0	1.8
17	17.0	27.5	21.3	80.9	20.102	17.5	9.9	1.7	11.6	4.9
18	17.6	24.4	20.4	94.6	22.332	19.2	12.5	6.0	18.5	2.3
19	17.5	27.0	1.8	81.0	21.265	18.4	0.0	7.0	7.0	8.5
20	18.0	27.0	21.8	85.7	22.113	19.0	5.1	26.4	31.5	5.3
21	18.5	26.0	21.0	84.3	21.017	18.2	0.9	9.6	10.5	1.6
22	17.0	26.5	21.6	82.2	21.199	18.4	0.0	0.0	0.0	5.9
23	16.8	27.0	22.1	79.4	21.083	18.3	0.0	20.0	20.0	7.9
24	17.5	25.5	20.4	83.9	20.286	17.7	0.4	0.0	0.4	4.9
25	16.5	27.5	21.9	82.0	21.724	18.8	0.0	18.1	18.1	9.0
26	16.5	24.0	20.8	87.0	21.070	18.3	5.5	0.0	5.5	0.7
27	17.0	26.0	21.6	83.2	21.324	18.5	0.0	3.7	3.7	2.2
28	17.5	26.1	20.6	88.4	21.808	18.8	0.0	0.0	0.0	2.6
29	17.5	24.0	19.6	94.0	21.453	18.6	5.1	0.3	5.4	1.4
30	17.0	26.5	20.8	87.0	21.791	18.8	0.0	7.1	7.1	6.8
PROM.	17.1	26.1	21.1	85.0	21.273	18.4	103.4	181.6	285.0	114.9

ESTACION: CHAPETON  
 ALTITUD: 1.300

MUNICIPIO: LEAGUE  
 LATITUD: 4-27 N.

AÑO: 1.982  
 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	18.5	26.5	22.0	74.5	19.843	17.4	5.5	22.5	28.0	3.2
2	17.6	26.5	21.7	84.8	22.224	19.1	0.0	0.0	0.0	4.5
3	18.0	27.0	21.5	80.1	20.336	17.7	0.0	4.0	4.0	6.9
4	17.5	25.6	21.3	79.5	19.919	17.4	1.4	0.0	1.4	2.0
5	16.0	27.6	21.8	81.6	21.021	18.2	0.0	23.0	23.0	5.6
6	17.6	26.5	21.6	87.7	22.302	19.1	0.0	0.0	0.0	4.0
7	17.5	25.5	21.0	87.4	22.078	19.1	4.6	0.0	4.6	2.6
8	15.5	27.5	22.5	83.3	22.541	19.4	0.0	0.0	0.0	9.6
9	17.0	28.5	22.3	83.0	22.224	19.2	0.0	10.0	10.0	9.3
10	18.5	27.5	22.1	79.0	21.512	18.6	42.0	0.3	42.3	8.0
11	16.0	27.5	21.9	76.0	19.882	17.3	0.3	0.3	0.6	3.4
12	16.5	27.5	21.3	73.2	18.008	15.8	0.0	0.0	0.0	6.0
13	17.0	27.5	21.5	73.8	19.377	17.0	0.0	0.0	0.0	8.5
14	16.5	27.5	22.1	82.0	22.044	19.0	1.0	0.0	1.0	4.0
15	17.5	27.5	22.0	80.5	21.390	18.6	0.0	15.4	15.4	6.3
16	18.5	24.0	20.0	88.0	20.725	18.1	4.7	0.0	4.7	2.5
17	15.0	26.0	21.8	79.7	20.504	17.8	0.0	10.7	10.7	6.7
18	17.5	22.5	19.1	94.7	20.826	18.1	41.6	3.9	45.5	1.5
19	16.0	25.5	21.1	85.1	21.176	18.4	0.2	0.0	0.2	3.6
20	15.5	25.5	21.0	83.8	20.875	18.1	9.6	0.2	9.8	5.0
21	17.5	25.5	21.2	76.3	19.726	17.3	6.7	1.6	8.3	4.8
22	17.0	24.5	20.9	84.7	20.846	18.1	0.0	1.6	1.6	3.1
23	17.0	26.0	22.0	77.8	20.428	17.9	0.1	0.0	0.1	4.6
24	17.0	26.0	21.9	78.7	20.522	17.9	0.0	0.0	0.0	4.1
25	16.5	27.5	21.7	76.5	19.746	17.2	0.0	9.7	9.7	5.2
26	17.0	27.0	21.8	79.6	20.578	17.9	0.0	10.2	10.2	6.3
27	18.5	27.5	22.0	77.6	20.596	17.9	0.0	8.4	8.4	3.9
28	18.5	27.0	21.6	75.7	15.545	17.1	1.3	34.3	35.6	2.4
29	17.0	26.0	21.1	66.4	16.301	14.2	0.0	0.0	0.0	7.0
30	16.0	26.3	21.2	80.5	20.193	17.6	0.0	0.7	0.7	7.2
31	15.5	27.0	21.0	78.5	19.317	16.9	0.0	0.0	0.0	9.9
PROM.	17.1	26.5	21.5	80.3	20.536	17.9	119.2	156.6	275.8	161.7

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	25.3	21.4	77.9	19.596	17.2	0.0	0.0	0.0	0.4
2	16.5	27.0	23.3	68.7	19.688	17.1	0.0	1.6	1.6	3.8
3	16.5	25.5	20.6	84.3	20.711	18.1	0.0	0.0	0.0	1.4
4	14.6	25.0	20.3	85.1	20.110	17.6	0.9	22.7	23.6	3.5
5	17.0	26.0	21.0	75.7	15.067	16.7	23.4	0.0	23.4	4.2
6	15.0	24.8	20.1	84.0	19.859	17.3	0.0	0.0	0.0	3.5
7	14.0	26.5	21.9	75.5	19.667	17.1	0.0	0.1	0.1	9.3
8	17.5	26.0	20.7	75.7	18.637	16.3	1.8	0.0	1.8	2.3
9	13.5	26.0	20.8	76.5	18.857	16.5	0.0	0.0	0.0	9.5
10	14.5	26.9	22.6	70.1	15.658	17.2	0.0	0.0	0.0	8.2
11	18.0	27.3	20.9	81.3	20.493	17.9	0.0	0.2	0.2	5.7
12	17.0	27.8	23.4	67.1	19.113	16.6	0.0	8.6	8.6	6.6
13	17.5	27.5	21.9	79.5	20.389	17.7	0.0	0.0	0.0	5.3
14	17.5	26.5	22.5	67.6	18.229	15.9	0.0	0.0	0.0	6.7
15	16.0	27.0	22.0	70.9	18.706	16.3	0.0	0.0	0.0	6.6
16	16.5	26.0	21.2	78.7	19.770	17.3	0.0	0.0	0.0	6.8
17	17.0	26.6	21.8	74.2	19.160	16.7	0.0	0.0	0.0	6.8
18	15.0	28.0	21.7	71.9	18.120	15.9	0.0	0.0	0.0	9.2
19	15.5	27.7	22.1	62.8	16.439	14.3	0.0	0.0	0.0	9.5
20	15.5	27.0	20.9	71.5	17.156	14.9	0.0	0.0	0.0	1.8
21	15.0	28.6	21.6	62.1	15.412	13.2	0.0	0.0	0.0	6.3
22	14.5	28.6	22.6	64.1	17.250	15.0	0.0	0.0	0.0	9.4
23	17.0	26.9	20.4	75.1	18.112	16.0	0.0	0.0	0.0	5.2
24	16.5	26.6	20.9	66.2	16.003	13.9	0.0	0.0	0.0	8.2
25	14.5	27.6	20.8	75.8	18.189	15.9	0.0	0.0	0.0	9.6
26	18.0	27.4	22.6	70.7	18.944	16.6	0.0	0.0	0.0	5.6
27	15.0	27.5	21.4	60.5	15.624	13.5	0.0	0.0	0.0	6.8
28	17.0	25.5	21.5	78.5	20.559	17.9	0.2	0.0	0.2	3.8
29	16.4	25.5	21.1	74.6	18.912	16.5	0.0	0.0	0.0	0.9
30	18.0	27.5	21.9	69.6	17.944	15.7	0.0	1.0	1.0	4.2
PROM.	16.1	26.8	21.5	73.2	18.677	16.3	26.3	34.2	60.5	171.3

ESTACION: CHAPETON

MUNICIPIO: IBAGUE

AÑO: 1.983

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	16.8	26.5	21.6	72.3	18.294	16.1	0.3	0.0	0.3	5.9
2	14.6	26.5	22.3	64.7	16.631	14.6	0.0	0.0	0.0	5.0
3	15.3	27.5	22.5	66.9	18.323	16.1	0.0	0.0	0.0	8.0
4	15.5	27.5	21.9	67.3	17.861	15.6	0.2	0.5	0.7	5.8
5	16.5	26.5	21.8	68.2	17.384	15.2	0.0	0.0	0.0	3.5
6	14.5	27.5	21.8	71.4	18.329	16.1	0.0	55.4	55.4	9.2
7	17.0	27.0	21.1	81.2	20.266	17.7	0.0	5.4	5.4	6.9
8	17.5	25.5	21.8	78.6	20.437	17.8	0.0	17.3	17.3	5.4
9	17.0	26.6	21.6	78.3	19.979	17.5	0.0	23.9	23.9	3.3
10	15.6	27.5	21.2	72.9	17.653	15.4	0.0	0.0	0.0	6.2
11	15.3	27.0	22.0	75.9	19.628	17.1	0.0	0.0	0.0	7.5
12	15.5	28.0	21.5	72.7	17.889	15.7	0.0	0.0	0.0	6.5
13	18.0	28.0	21.6	67.5	17.468	15.2	0.0	0.0	0.0	8.2
14	15.0	28.5	21.7	66.9	16.634	14.4	0.0	0.0	0.0	8.3
15	17.5	28.5	22.2	74.9	19.562	17.1	0.0	0.0	0.0	6.0
16	16.6	27.5	21.7	76.6	19.678	17.2	0.4	16.4	16.8	7.3
17	16.5	26.5	21.3	77.3	19.056	16.8	0.0	0.0	0.0	3.7
18	15.2	28.3	21.5	75.0	18.463	16.2	0.0	0.0	0.0	9.2
19	17.0	28.5	21.6	73.5	18.410	16.0	0.3	0.0	0.3	5.9
20	17.5	27.0	20.6	71.0	17.196	15.1	0.0	0.0	0.0	3.7
21	16.5	26.9	20.6	74.6	18.058	15.9	3.1	0.0	3.1	3.3
22	17.0	26.5	21.9	67.2	17.149	15.1	0.0	0.0	0.0	0.9
23	16.5	25.5	20.9	70.3	16.563	14.8	0.0	0.0	0.0	0.3
24	17.0	28.3	21.1	64.0	16.415	13.1	0.0	0.0	0.0	6.0
25	16.6	28.5	21.2	50.2	12.678	10.2	0.0	0.0	0.0	9.2
26	16.5	28.6	21.6	60.5	15.653	13.7	0.0	0.0	0.0	9.7
27	15.0	26.9	20.0	68.1	15.835	13.7	0.0	0.0	0.0	4.2
28	15.0	28.8	21.6	59.0	15.406	13.4	0.0	0.0	0.0	5.6
29	17.6	28.8	22.4	57.4	15.624	13.5	0.0	0.0	0.0	6.5
30	17.5	26.2	21.1	71.1	17.547	15.4	5.1	0.3	5.4	2.4
31	17.6	26.4	21.6	74.9	18.911	16.5	0.0	0.2	0.2	1.9
PROM.	16.4	27.3	21.5	70.0	17.653	15.4	9.4	119.5	128.9	175.5

## M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	26.0	20.7	69.4	16.796	14.7	0.0	0.3	0.3	1.9
2	16.5	26.4	21.4	73.6	17.948	15.6	0.0	0.0	0.0	2.8
3	17.0	27.4	22.2	64.4	16.560	14.5	0.0	0.0	0.0	5.3
4	16.0	28.3	22.4	67.3	17.223	14.9	0.0	0.0	0.0	9.0
5	17.7	25.0	21.3	67.9	16.735	14.5	4.7	0.0	4.7	0.8
6	14.4	28.1	21.9	65.9	17.078	14.7	0.0	3.8	3.8	6.7
7	16.5	27.5	21.8	68.7	17.462	15.2	0.0	0.0	0.0	9.2
8	14.5	28.9	21.4	53.4	13.093	10.7	0.0	0.0	0.0	3.2
9	15.0	27.5	22.4	51.7	13.837	11.7	0.0	0.0	0.0	5.1
10	18.0	27.8	21.9	58.0	14.856	12.8	0.0	0.0	0.0	3.2
11	15.4	29.6	21.4	57.0	14.203	11.8	2.2	0.3	2.5	9.1
12	17.6	26.6	21.4	72.5	17.932	15.6	0.0	0.0	0.0	3.8
13	15.5	29.6	21.5	58.9	14.358	12.2	0.0	0.0	0.0	7.7
14	18.6	30.5	22.5	58.1	15.077	12.9	0.0	0.0	0.0	9.5
15	18.5	30.2	23.1	49.0	13.770	11.4	0.0	0.0	0.0	6.3
16	17.0	28.5	23.3	62.6	16.557	14.2	0.0	0.0	0.0	2.6
17	16.5	27.5	22.0	63.4	16.232	14.1	0.0	0.0	0.0	3.2
18	17.4	28.5	21.1	66.1	16.522	14.4	0.2	0.0	0.2	5.2
19	17.0	27.0	19.3	75.6	16.678	14.5	0.0	0.0	0.0	0.4
20	14.5	28.6	21.1	60.2	14.842	12.8	0.0	0.0	0.0	7.6
21	17.4	29.0	22.3	67.5	17.611	15.4	0.0	0.6	0.6	3.9
22	17.6	28.5	22.2	64.5	16.695	14.4	0.0	1.0	1.0	6.5
23	17.0	28.4	22.6	64.4	17.182	15.0	0.0	0.0	0.0	5.7
24	16.5	27.5	22.6	68.4	18.689	16.4	0.0	0.0	0.0	4.4
25	17.8	26.0	21.9	68.9	17.836	15.6	0.0	0.5	0.5	1.9
26	16.5	27.0	21.0	67.3	16.771	14.7	0.0	0.0	0.0	3.2
27	14.5	28.0	22.4	63.6	16.603	14.6	0.0	6.1	6.1	6.9
28	17.3	25.5	20.3	85.5	20.705	18.0	0.3	0.0	0.3	1.0
29	16.5	27.0	21.2	72.2	17.902	15.7	0.0	0.0	0.0	1.7
30	16.5	26.6	21.2	72.5	18.417	16.2	0.0	0.0	0.0	4.6
31	15.0	29.9	23.1	52.9	14.562	12.4	0.0	0.0	0.0	9.4
PROM.	16.6	27.9	21.8	64.9	16.477	14.2	7.4	12.6	20.0	151.8

ESTACION: CHAPETON

MUNICIPIO: IEAGUE

AÑO: 1.983

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	16.0	28.4	22.1	67.3	17.462	15.3	0.0	39.3	39.3	5.1
2	17.5	28.0	21.6	79.3	20.325	17.7	0.0	22.3	22.3	4.4
3	17.5	28.5	21.4	69.3	17.201	14.8	0.0	0.0	0.0	6.6
4	15.5	28.5	22.3	69.5	18.354	16.1	0.0	0.0	0.0	9.3
5	17.3	28.5	20.8	72.6	17.760	15.5	23.5	1.6	25.1	7.7
6	17.5	26.5	21.6	72.7	18.608	16.2	0.1	0.0	0.1	2.9
7	17.5	26.5	21.0	70.5	17.641	15.5	1.2	0.0	1.2	1.7
8	17.0	24.5	20.7	83.7	20.559	17.9	0.0	0.0	0.0	2.4
9	16.5	27.6	22.0	60.3	15.804	13.8	0.0	0.0	0.0	4.8
10	16.5	28.0	23.1	58.2	15.785	13.7	0.0	0.0	0.0	4.8
11	15.0	27.0	21.4	74.0	18.720	16.5	0.0	0.0	0.0	5.5
12	17.5	27.6	21.2	71.2	17.394	15.1	2.1	0.0	2.1	3.1
13	16.5	27.5	22.2	61.4	15.719	13.6	0.0	0.2	0.2	0.8
14	16.5	26.5	20.5	78.4	18.650	16.4	15.8	0.0	15.8	4.2
15	16.5	26.0	21.9	73.6	19.155	16.8	0.0	0.0	0.0	1.3
16	15.5	25.6	20.5	85.6	20.625	18.0	0.0	35.1	35.1	2.0
17	16.5	27.0	21.9	65.5	16.699	14.7	0.0	0.0	0.0	5.9
18	15.5	28.5	22.5	62.3	16.303	14.2	0.0	0.0	0.0	6.8
19	16.5	27.0	22.1	69.9	18.347	16.1	0.0	0.0	0.0	7.2
20	17.5	28.5	22.5	67.7	18.612	16.4	0.0	0.0	0.0	7.7
21	16.0	28.0	21.3	73.5	18.152	15.9	0.0	32.1	32.1	3.7
22	16.0	23.6	19.7	84.8	19.617	17.2	9.1	0.0	9.1	3.8
23	15.5	28.0	21.5	74.0	18.762	16.5	0.0	6.5	6.5	8.5
24	18.0	26.6	21.1	81.3	20.193	17.6	1.7	0.0	1.7	5.8
25	16.3	29.3	22.3	64.4	16.984	14.8	0.0	0.0	0.0	8.3
26	15.6	27.6	22.0	63.0	15.508	13.4	0.0	2.1	2.1	5.2
27	15.5	29.0	22.1	75.0	19.124	16.7	0.2	0.0	0.2	8.6
28	17.5	26.0	22.1	73.7	18.832	16.3	0.0	0.0	0.0	4.7
29	17.5	28.4	21.9	60.1	15.636	13.6	0.0	0.0	0.0	8.1
30	17.0	27.0	20.3	75.7	18.040	15.8	0.0	0.0	0.0	3.2
PROM.	16.6	27.3	21.6	71.3	18.022	15.7	53.7	139.2	192.9	154.1

## M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	27.5	23.5	59.2	16.934	14.8	0.0	0.0	0.0	6.2
2	16.5	26.5	20.9	80.4	19.731	17.3	0.2	0.0	0.2	4.9
3	17.0	27.5	21.7	71.7	18.059	15.9	0.1	1.0	1.1	6.0
4	17.0	28.1	22.6	71.3	18.792	16.5	0.0	0.0	0.0	3.9
5	17.0	27.0	21.9	71.1	18.365	15.9	0.0	0.0	0.0	3.5
6	17.0	28.6	22.2	67.0	17.087	14.7	0.0	0.0	0.0	5.6
7	15.5	27.3	21.2	71.3	17.818	15.5	0.0	0.0	0.0	4.1
8	15.0	28.9	22.4	63.2	16.188	14.0	0.0	2.2	2.2	7.7
9	17.5	28.5	22.2	69.9	18.415	16.1	0.0	4.4	4.4	7.0
10	17.0	27.5	21.2	80.7	20.097	17.6	0.0	3.1	3.1	6.9
11	16.5	26.0	19.6	87.1	19.661	17.2	18.7	0.0	18.7	2.6
12	16.0	27.5	21.6	71.4	18.106	15.7	0.0	47.7	47.7	4.6
13	16.0	25.0	19.7	78.3	17.324	14.9	0.4	0.7	1.1	6.0
14	16.5	23.0	19.5	92.4	21.282	18.5	1.7	1.2	2.9	0.0
15	16.0	23.5	18.8	85.9	19.005	16.7	0.3	0.2	0.5	2.3
16	16.5	23.0	19.7	89.9	21.038	18.3	0.0	0.0	0.0	0.0
17	15.0	24.5	20.5	76.5	18.122	15.9	0.0	0.0	0.0	8.2
18	14.0	26.5	22.8	67.6	18.892	16.4	0.0	0.0	0.0	8.7
19	15.6	23.0	19.6	85.0	19.767	17.2	3.7	1.9	5.6	1.0
20	16.0	25.0	20.0	82.2	19.493	17.1	1.4	0.0	1.4	4.0
21	15.0	24.5	20.5	80.4	19.291	16.9	0.6	0.0	0.6	3.8
22	14.5	23.6	21.0	86.3	21.550	18.6	0.9	0.8	1.7	3.5
23	15.0	25.5	20.8	82.2	15.991	17.4	0.0	0.0	0.0	6.3
24	15.5	26.0	21.7	77.6	19.988	17.4	0.0	4.1	4.1	4.9
25	17.0	25.6	21.6	78.9	20.150	17.6	1.3	0.0	1.3	1.4
26	15.3	24.5	20.2	91.8	21.615	18.7	0.4	1.6	2.0	1.7
27	17.0	25.0	20.7	79.3	19.672	17.2	0.7	0.0	0.7	3.8
28	15.5	25.2	20.4	81.7	19.644	17.2	0.5	0.0	0.5	3.9
29	17.0	25.6	19.8	91.9	21.413	18.6	0.0	32.2	32.2	2.3
30	16.5	21.0	18.6	93.7	20.287	17.7	0.2	0.0	0.2	0.0
31	16.5	24.0	20.2	90.3	21.168	18.4	0.0	0.0	0.0	1.5
PROM.	16.1	25.6	20.9	79.2	19.321	16.8	31.1	101.1	132.2	126.3

ESTACION: CHAPETON  
 ALTITUD: 1.300

MUNICIPIO: IEAGUE

AÑO: 1.983

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	15.5	24.0	19.0	90.5	19.944	17.3	2.7	9.5	12.2	3.7
2	15.0	26.0	21.9	82.6	21.788	18.9	0.0	0.0	0.0	6.8
3	16.0	26.0	20.7	77.9	18.954	16.6	1.3	1.8	3.1	4.0
4	16.0	26.0	22.1	66.7	17.745	15.6	0.0	0.0	0.0	6.9
5	15.0	26.0	20.8	86.3	21.103	18.3	0.0	0.0	0.0	7.3
6	15.5	26.0	21.1	78.6	19.464	17.0	0.0	0.0	0.0	7.0
7	16.0	26.0	20.2	85.7	20.467	17.9	6.1	0.0	6.1	5.8
8	14.5	24.0	20.6	85.1	20.579	17.9	0.0	0.0	0.0	0.0
9	15.5	24.5	20.6	83.8	20.077	17.5	0.0	2.6	2.6	2.4
10	16.0	25.0	20.6	75.1	18.004	15.7	0.1	0.4	0.5	4.6
11	16.0	22.0	18.6	87.6	15.250	16.9	2.4	0.0	2.4	1.2
12	15.5	26.0	21.0	78.6	19.717	17.2	0.0	0.0	0.0	5.0
13	15.0	24.5	19.7	86.7	20.290	17.7	0.0	0.0	0.0	4.0
14	14.5	24.5	20.6	85.9	20.938	18.2	0.4	2.0	2.4	3.7
15	16.0	24.0	20.3	87.6	20.905	18.2	0.1	30.7	30.8	3.4
16	15.5	26.6	21.1	74.3	16.506	16.2	0.2	0.1	0.3	5.0
17	16.0	25.0	19.8	84.9	19.633	17.2	14.2	2.4	16.6	4.5
18	17.0	25.5	21.5	85.2	21.743	18.8	0.0	0.0	0.0	7.3
19	18.0	26.5	22.0	77.2	20.668	18.0	0.0	0.0	0.0	8.0
20	16.5	27.0	21.9	65.4	17.034	15.0	0.0	0.0	0.0	7.3
21	15.0	26.5	22.1	72.8	19.385	17.0	0.0	0.0	0.0	7.9
22	17.5	26.5	22.2	70.2	18.863	16.6	0.0	0.0	0.0	7.5
23	17.0	25.0	22.2	83.4	22.270	19.2	0.0	2.2	2.2	6.0
24	18.0	23.5	19.0	95.1	21.050	18.3	5.9	0.1	6.0	0.7
25	16.0	26.0	21.9	70.1	17.819	15.7	0.0	0.0	0.0	6.6
26	17.0	27.0	22.0	67.8	17.757	15.4	0.0	0.0	0.0	7.2
27	17.5	27.0	22.0	74.8	19.547	16.9	0.0	0.0	0.0	5.8
28	17.0	25.5	20.9	79.3	19.673	17.2	0.4	0.0	0.4	1.4
29	16.5	22.5	18.5	90.1	19.059	16.7	3.5	0.0	3.5	0.5
30	16.5	23.6	19.5	83.4	19.040	16.7	0.5	2.2	2.7	1.3
PROM.	16.1	25.3	20.8	80.4	19.709	17.2	37.8	54.0	91.8	142.8

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.0	19.6	83.4	18.821	16.5	0.5	5.0	5.5	5.9
2	15.5	25.5	20.5	81.4	19.550	17.1	0.0	0.0	0.0	0.0
3	14.0	25.0	20.5	80.2	19.134	16.7	1.2	4.1	5.3	3.0
4	17.0	23.0	19.4	87.1	19.800	17.3	0.0	0.0	0.0	1.7
5	15.5	24.0	19.3	83.7	19.079	16.8	23.7	1.6	25.3	2.4
6	15.5	23.5	19.6	87.2	19.760	17.3	0.6	5.0	5.6	1.5
7	15.0	24.0	19.6	87.0	19.771	17.3	7.0	15.2	22.2	4.8
8	14.0	24.0	20.3	80.0	19.109	16.7	0.0	2.9	2.9	6.7
9	16.0	23.5	19.5	85.4	19.385	17.0	1.4	14.6	16.0	4.2
10	15.5	22.0	19.3	88.4	19.534	17.1	0.2	0.0	0.2	0.7
11	14.5	24.5	19.9	84.7	19.567	17.1	4.6	3.7	8.3	5.1
12	15.5	22.5	18.5	84.9	18.430	16.2	1.7	0.0	1.7	3.0
13	15.0	24.0	18.8	92.3	19.866	17.3	0.1	8.6	8.7	5.1
14	17.0	24.0	19.9	84.0	19.268	16.9	2.5	0.0	2.5	3.8
15	14.5	24.5	19.1	84.0	18.544	16.3	6.5	0.0	6.5	2.9
16	16.0	24.0	19.3	91.8	20.868	18.2	8.4	1.5	9.9	4.7
17	16.0	22.0	18.1	93.8	19.608	17.2	1.3	0.0	1.3	0.9
18	15.0	25.0	20.3	78.9	18.907	16.3	0.0	0.0	0.0	2.7
19	16.5	25.2	19.6	87.5	20.268	17.4	4.5	0.6	5.1	2.5
20	16.0	23.5	19.8	87.5	20.315	17.7	9.0	0.0	9.0	1.2
21	16.5	24.5	19.6	83.2	19.025	16.7	8.1	0.0	8.1	3.0
22	16.0	25.5	20.6	79.0	18.919	16.6	0.0	0.0	0.0	4.1
23	15.5	25.5	21.6	72.9	18.584	16.3	0.0	0.0	0.0	3.6
24	15.0	26.5	20.9	74.6	18.585	16.3	0.0	0.0	0.0	7.1
25	15.5	26.0	20.6	79.3	18.788	16.4	1.0	0.0	1.0	3.3
26	16.0	24.0	20.6	79.2	19.430	17.0	0.0	0.0	0.0	0.5
27	14.5	26.0	21.4	69.9	17.675	15.5	0.0	0.0	0.0	7.0
28	15.0	26.0	21.8	70.2	17.916	15.7	0.0	0.0	0.0	6.2
29	15.5	25.5	21.3	73.2	18.454	16.2	0.0	0.0	0.0	5.0
30	16.5	24.5	20.3	72.3	17.223	15.1	2.9	0.0	2.9	3.5
31	14.5	24.0	19.0	80.2	17.824	15.6	6.9	2.9	9.8	4.0
PROM.	15.5	24.4	20.0	82.2	19.058	16.7	92.1	65.7	157.8	110.8

ESTACION: CHAPETON

MUNICIPIO IBAGUE

AÑO: 1983

ALTITUD: 1.300

LATITUD: 4-27 N.

LONGITUD: 75-16 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.4	26.7	21.3	15.0	29.0	82.3	20.780	18.0	98.3	10	155.7
FEBRERO	16.4	27.5	21.7	14.0	30.5	78.2	20.037	17.4	218.3	9	155.2
MARZO	17.1	26.9	21.8	15.0	29.0	81.0	21.110	18.3	186.1	18	136.1
ABRIL	17.1	26.1	21.1	15.0	28.8	85.0	21.273	18.4	285.0	23	114.9
MAYO	17.1	26.5	21.5	15.0	28.6	80.3	20.536	17.9	275.8	23	161.7
JUNIO	16.1	26.8	21.5	13.5	28.6	73.2	18.677	16.3	60.5	9	171.3
JULIO	16.4	27.3	21.5	14.5	28.8	70.0	17.693	15.4	128.9	12	175.5
AGOSTO	16.6	27.9	21.8	14.4	30.5	64.9	16.477	14.2	20.0	10	151.8
SEPTIEMBRE	16.6	27.3	21.6	15.0	29.3	71.3	18.022	15.7	192.9	15	154.1
OCTUBRE	16.1	25.6	20.9	14.0	28.9	79.2	19.321	16.8	132.2	21	126.3
NOVIEMBRE	16.1	25.3	20.8	14.5	27.0	80.4	19.709	17.2	91.8	15	142.8
DICIEMBRE	15.5	24.4	20.0	14.0	26.5	82.2	19.098	16.7	157.8	21	110.1
PROMEDIO	16.5	26.5	21.3	14.5	28.8	77.3	19.394	16.9			
TOTAL									1847.6	186	1755.5

ESTACION: LUIS BUSTAMANTE  
 ALTITUD: 1.610

MUNICIPIO: VILLARRICA AÑO: 1.983  
 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	16.5	25.5	19.5	78.6	17.983	15.8	0.0	0.0	0.0	0.0
2	16.5	23.2	18.8	84.8	18.634	16.2	8.4	4.0	12.4	3.1
3	16.6	22.0	18.5	86.9	18.873	16.6	3.5	18.1	21.6	0.5
4	15.5	20.0	18.2	88.9	18.676	16.4	1.0	0.2	1.2	0.0
5	15.6	21.0	19.3	84.8	18.815	16.5	0.5	0.0	0.5	0.9
6	16.0	20.4	18.7	83.5	17.832	15.7	0.7	0.0	0.7	1.0
7	16.5	22.6	20.5	80.0	19.168	16.8	0.0	0.0	0.0	2.4
8	16.5	24.0	19.3	81.7	18.646	16.3	0.0	0.0	0.0	5.3
9	17.5	23.0	20.8	85.8	21.003	18.2	0.0	0.0	0.0	2.5
10	16.5	22.4	19.3	83.3	18.886	16.6	0.0	0.0	0.0	1.1
11	17.0	23.0	19.1	82.2	18.570	16.3	0.0	0.0	0.0	0.4
12	16.1	24.0	20.3	73.2	17.439	15.2	0.0	0.0	0.0	3.8
13	15.5	24.3	18.2	83.2	17.783	15.6	0.0	0.0	0.0	3.9
14	16.0	24.6	19.9	85.2	19.606	17.2	1.9	10.6	12.5	3.7
15	16.3	24.0	19.8	88.4	20.312	17.7	0.0	9.2	9.2	2.6
16	16.2	22.6	19.7	86.4	19.626	17.2	0.0	0.0	0.0	0.9
17	15.5	23.5	20.1	76.8	18.203	16.0	0.0	0.0	0.0	2.7
18	16.5	23.6	20.1	80.1	18.759	16.5	0.0	0.0	0.0	2.6
19	16.5	25.3	19.8	79.2	18.660	16.4	0.0	0.0	0.0	3.0
20	18.0	23.6	20.1	80.9	19.113	16.8	0.3	0.0	0.3	2.6
21	17.5	25.6	20.9	66.6	16.198	14.1	0.0	0.0	0.0	6.2
22	17.0	25.5	20.8	76.0	18.636	16.3	0.0	0.0	0.0	5.1
23	17.0	25.5	20.8	75.2	18.533	16.2	0.0	0.0	0.0	5.5
24	16.5	25.5	20.8	70.3	17.715	15.3	0.0	0.0	0.0	3.6
25	16.5	25.5	21.7	69.3	17.854	15.6	0.0	0.0	0.0	5.6
26	17.5	25.5	20.7	83.9	20.374	17.7	0.8	6.0	6.8	4.2
27	17.3	24.3	20.2	79.8	19.124	16.7	0.0	34.7	34.7	3.0
28	16.5	22.0	19.3	88.4	19.831	17.3	0.0	8.5	8.5	0.4
29	16.6	24.3	20.0	71.9	16.879	14.8	0.0	0.0	0.0	4.8
30	16.3	25.4	21.1	79.2	19.690	17.2	0.0	0.0	0.0	5.6
31	16.6	24.0	19.6	83.0	18.804	16.5	0.9	33.5	34.4	3.0
PROM.	16.5	23.7	19.9	80.6	18.718	16.4	18.0	124.8	142.8	90.0

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.3	22.3	20.4	86.0	20.274	17.7	0.5	0.2	0.7	0.3
2	16.5	23.0	20.3	76.8	18.373	16.1	0.0	0.0	0.0	0.7
3	16.6	26.0	21.3	65.3	16.132	14.1	0.0	0.0	0.0	5.4
4	16.6	25.0	20.8	75.5	18.428	16.1	0.0	0.0	0.0	4.0
5	16.6	25.4	21.2	84.6	20.981	18.2	0.0	6.0	6.0	3.8
6	16.3	23.3	20.2	81.4	19.372	16.9	0.0	2.6	2.6	1.1
7	15.8	22.5	19.0	83.3	18.656	16.3	2.2	0.0	2.2	2.4
8	15.4	23.0	19.2	81.2	18.218	15.9	0.2	34.4	34.6	3.7
9	15.4	23.6	19.2	84.2	19.778	17.3	0.0	0.0	0.0	5.9
10	16.3	23.3	19.2	81.3	18.133	15.9	0.0	0.0	0.0	1.8
11	17.1	24.0	20.0	82.4	19.139	16.8	2.5	0.0	2.5	2.3
12	15.6	24.0	20.2	78.1	16.356	16.1	0.0	0.0	0.0	5.3
13	15.3	25.0	19.9	75.7	17.449	15.3	0.0	0.0	0.0	5.2
14	16.0	23.0	19.1	76.7	17.288	15.1	0.0	0.0	0.0	4.7
15	14.8	24.0	21.1	76.8	19.191	16.8	0.0	4.9	4.9	4.5
16	16.6	24.2	20.6	76.0	18.610	16.3	0.0	0.0	0.0	1.4
17	16.3	24.2	19.8	73.5	17.045	14.8	0.0	0.0	0.0	2.6
18	17.2	22.2	18.1	84.9	17.611	15.5	10.1	0.0	10.1	2.2
19	15.4	24.3	20.3	71.4	17.012	14.9	0.0	0.0	0.0	4.8
20	16.0	25.0	20.1	73.0	17.070	14.9	0.0	0.0	0.0	6.4
21	17.3	22.0	19.1	79.1	17.508	15.4	0.0	0.0	0.0	1.0
22	16.5	26.0	20.3	73.2	17.561	15.4	1.6	0.0	1.6	3.5
23	15.3	26.0	21.4	75.0	18.508	16.6	0.7	0.0	0.7	1.5
24	17.3	26.0	20.3	70.1	16.802	14.5	0.0	3.4	3.4	3.9
25	16.5	23.0	19.8	82.0	19.078	16.7	0.0	1.5	1.5	2.8
26	16.5	25.0	19.1	77.6	17.626	15.4	0.0	0.0	0.0	2.4
27	15.8	26.6	20.9	63.5	16.614	13.6	0.0	0.0	0.0	8.4
28	17.0	23.3	19.6	81.9	18.934	16.6	0.0	0.0	0.0	1.0
PROM	16.2	24.1	20.1	77.5	18.183	15.9	17.8	53.0	70.8	93.0

ESTACION: LUIS BUSTAMANTE

MUNICIPIO: VILLARRICA AÑO: 1.983

ALTITUD: 1.610

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

## M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	25.6	20.7	83.1	20.056	17.5	0.0	0.4	0.4	5.6
2	17.0	24.5	19.8	80.5	18.649	16.3	0.0	0.0	0.0	0.0
3	17.4	26.0	19.9	81.2	18.550	16.2	20.1	0.0	20.1	4.2
4	17.3	23.5	20.3	80.8	19.372	16.9	3.5	0.0	3.5	0.7
5	16.7	24.5	20.2	77.9	18.524	16.1	0.0	0.0	0.0	2.8
6	17.5	23.8	20.6	87.6	20.958	18.2	0.0	1.1	1.1	0.0
7	16.4	22.0	19.4	85.5	19.333	16.9	1.8	0.0	1.8	0.9
8	17.2	23.5	19.0	83.2	18.421	16.2	25.6	2.2	27.8	1.8
9	16.5	21.5	19.0	86.6	18.955	16.7	6.0	6.4	12.4	0.7
10	17.0	21.5	19.2	91.0	20.329	17.7	21.5	0.0	21.5	0.4
11	17.5	24.8	20.2	84.7	20.024	17.4	0.3	17.6	17.9	4.2
12	16.5	23.7	21.3	84.0	20.656	17.9	0.0	0.0	0.0	2.1
13	16.8	23.5	20.8	84.4	20.321	17.7	0.0	2.1	2.1	0.6
14	17.2	20.5	18.8	88.8	19.276	16.9	5.0	0.3	5.3	0.2
15	15.5	23.8	21.5	74.8	18.947	16.6	0.0	0.0	0.0	4.1
16	16.5	24.5	20.4	72.3	16.978	14.9	2.5	0.0	2.5	5.1
17	18.0	26.0	22.8	72.1	15.168	16.7	2.0	0.0	2.0	4.4
18	16.5	25.0	22.2	78.8	20.154	17.6	0.1	0.0	0.1	1.8
19	17.0	25.5	21.4	76.8	18.898	16.5	0.0	0.0	0.0	4.3
20	17.5	26.5	22.2	66.7	17.329	15.2	0.0	0.0	0.0	4.9
21	18.5	23.0	20.0	76.5	18.152	15.9	0.0	0.0	0.0	0.2
22	16.4	24.5	21.2	66.4	16.616	14.6	0.0	0.0	0.0	3.7
23	17.0	25.5	20.9	77.7	15.177	16.8	0.0	0.0	0.0	2.8
24	18.0	22.0	19.4	86.5	19.477	17.1	8.0	0.0	8.0	0.0
25	17.0	21.0	18.6	87.3	18.714	16.5	35.5	1.3	36.8	0.0
26	15.6	22.3	18.6	82.4	19.525	17.1	4.6	50.1	54.7	0.5
27	15.5	22.3	18.8	86.9	18.610	16.2	0.3	0.0	0.3	0.8
28	15.4	25.5	19.3	81.2	18.287	16.0	3.0	2.1	5.1	4.3
29	16.8	23.5	19.1	80.0	18.219	15.9	6.3	0.0	6.3	2.5
30	15.2	24.5	20.3	71.5	16.722	14.7	0.0	0.0	0.0	5.2
31	17.0	24.5	20.2	75.2	17.716	15.5	0.0	0.0	0.0	3.1
PROM.	16.8	23.8	20.2	80.6	18.904	16.5	146.1	83.6	229.7	71.9

## 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	16.5	24.0	20.3	80.0	18.884	16.5	0.4	0.0	0.4	3.3
2	16.7	23.0	20.5	81.5	19.306	16.8	1.6	1.0	2.6	1.3
3	16.0	24.5	21.9	81.6	20.731	18.0	5.5	0.5	6.0	2.0
4	17.0	23.5	19.0	76.9	16.839	14.8	1.3	0.0	1.3	1.2
5	16.6	24.5	20.7	81.1	19.858	17.3	9.3	0.0	9.3	5.3
6	16.8	23.8	20.6	85.2	20.827	18.1	1.3	3.8	5.1	2.8
7	16.6	23.5	19.5	86.6	19.600	17.1	0.9	0.4	1.3	0.0
8	16.4	20.5	18.3	88.3	18.624	16.4	23.8	0.0	23.8	0.2
9	16.6	20.5	19.2	89.6	19.638	17.2	28.5	19.1	47.6	0.1
10	18.2	22.3	19.8	85.7	19.589	17.1	4.4	0.0	4.4	2.3
11	16.7	21.3	19.2	87.2	19.236	16.9	17.3	0.0	17.3	1.2
12	16.3	24.2	19.0	85.0	18.527	16.3	5.0	8.8	13.8	4.7
13	16.3	24.5	19.2	89.7	19.822	17.4	10.0	9.1	19.1	0.0
14	15.6	21.4	18.6	87.7	18.801	16.5	5.3	0.0	5.3	0.1
15	16.0	22.8	19.1	83.1	18.893	16.5	10.1	0.1	10.2	3.1
16	16.3	22.4	20.1	86.5	20.229	17.7	3.7	0.0	3.7	0.4
17	17.3	22.0	20.7	84.4	20.163	17.6	7.6	0.0	7.6	1.6
18	16.0	20.5	19.1	87.2	19.320	17.0	9.2	0.0	9.2	0.3
19	15.3	23.8	19.3	85.4	19.007	16.7	0.0	0.0	0.0	4.4
20	16.3	24.3	20.2	82.2	19.429	17.0	0.0	5.0	5.0	3.3
21	15.6	19.3	17.9	91.0	18.668	16.4	6.1	7.8	13.9	0.1
22	15.3	23.3	19.2	84.6	19.387	16.9	0.0	0.0	0.0	3.9
23	15.6	24.8	20.3	82.9	19.448	17.0	0.0	18.1	18.1	4.7
24	15.6	23.0	19.7	90.9	20.780	18.1	1.8	0.0	1.8	1.9
25	15.0	22.5	19.3	76.5	17.211	15.1	0.3	24.5	24.8	6.4
26	16.6	22.5	18.8	90.5	19.658	17.2	5.8	0.3	6.1	0.2
27	17.0	22.5	20.0	85.2	19.588	17.1	0.0	0.0	0.0	4.6
28	16.8	23.0	19.7	86.4	19.705	17.2	2.0	24.7	26.7	0.2
29	17.0	23.3	18.9	84.4	18.424	16.2	28.2	42.7	70.9	0.0
30	16.3	23.5	18.6	86.6	18.469	16.3	14.5	0.0	14.5	2.4
PROM.	16.3	22.8	19.6	85.1	19.292	16.9	203.9	165.9	369.8	62.0

ESTACION: LUIS BUSTAMANTE

MUNICIPIO: VILLARRICA

AÑO: 1.983

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	17.3	23.5	21.2	74.3	17.944	15.7	25.6	0.0	25.6	2.2
2	17.0	20.5	18.8	83.0	17.843	15.7	0.5	0.0	0.5	3.9
3	16.2	25.3	21.2	78.3	19.611	17.2	0.0	0.0	0.0	4.6
4	16.3	23.5	19.2	83.5	18.500	16.2	0.0	0.0	0.0	0.3
5	16.6	25.6	22.7	72.1	19.224	16.6	2.1	0.0	2.1	7.6
6	19.0	25.0	21.0	83.2	20.026	17.4	0.4	0.0	0.4	2.6
7	18.1	24.0	21.0	86.2	21.044	18.2	11.8	0.0	11.8	4.1
8	16.8	25.3	20.9	71.9	17.955	15.8	0.0	0.0	0.0	8.9
9	16.4	26.0	21.0	73.8	18.055	15.8	0.0	0.0	0.0	8.0
10	18.0	24.6	19.8	79.7	18.688	16.3	0.0	0.0	0.0	2.5
11	18.3	24.0	19.9	73.5	17.291	15.2	0.0	0.0	0.0	0.6
12	17.3	24.6	21.3	70.0	17.682	15.6	0.0	0.0	0.0	6.9
13	17.3	25.5	21.2	74.6	15.067	16.7	0.0	0.0	0.0	3.7
14	17.6	24.4	20.3	78.0	18.917	16.6	0.5	0.0	1.7	2.6
15	18.3	26.3	21.9	75.0	19.644	17.2	1.6	0.0	1.6	0.9
16	18.6	22.8	15.8	81.6	15.042	16.7	10.6	0.0	10.6	1.8
17	17.2	23.6	18.8	77.4	16.715	14.7	0.6	0.0	0.6	3.7
18	17.3	21.6	19.4	76.5	17.195	15.1	26.1	0.5	26.6	1.2
19	16.4	24.6	19.2	77.3	17.295	15.2	9.4	7.9	17.3	2.1
20	16.6	22.3	19.1	80.7	17.805	15.6	24.0	2.6	26.6	1.3
21	16.5	25.0	20.8	70.8	17.538	15.4	1.7	6.0	7.7	3.6
22	16.4	23.0	19.4	87.2	19.387	16.5	1.1	0.0	1.1	6.0
23	17.3	23.8	20.2	81.9	19.209	16.9	6.4	0.0	6.4	2.5
24	17.0	25.4	22.0	80.1	20.654	17.9	1.5	0.0	1.5	4.1
25	17.5	24.3	21.5	76.3	19.244	16.9	2.0	0.0	2.0	3.3
26	17.5	25.0	21.6	76.7	19.609	17.3	16.3	0.0	16.3	3.7
27	17.0	25.6	21.6	73.3	18.072	15.8	0.0	0.0	0.0	4.5
28	18.3	25.6	22.7	75.2	19.660	17.2	6.8	1.0	7.8	3.0
29	17.3	23.0	19.8	82.1	18.712	16.4	1.3	0.0	1.3	0.7
30	17.4	24.0	20.1	73.6	17.277	15.2	0.0	0.0	0.0	3.9
31	17.0	25.5	20.8	70.1	17.337	15.2	0.0	0.4	0.4	5.5
PROM.	17.3	24.3	20.6	77.4	18.595	16.3	150.3	19.6	169.9	110.3

## 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	17.3	24.5	19.0	83.9	18.327	16.0	0.0	0.0	0.0	1.6
2	16.3	23.5	19.7	76.5	17.651	15.5	0.2	0.0	0.2	1.5
3	16.3	23.5	19.6	75.7	17.414	15.3	0.0	0.0	0.0	1.3
4	16.3	23.5	20.1	71.8	16.863	14.8	0.0	1.6	1.6	1.0
5	17.0	24.5	19.8	74.2	17.125	15.1	0.1	0.0	0.1	1.1
6	16.2	21.3	17.7	76.2	15.705	13.6	0.3	0.0	0.3	2.1
7	15.0	23.6	19.9	71.5	16.818	14.7	1.9	0.0	1.9	4.5
8	16.0	24.0	18.4	79.4	16.779	14.7	3.6	0.0	3.6	2.4
9	15.3	24.3	20.2	71.9	16.991	14.7	0.3	0.0	0.3	8.4
10	16.2	25.2	20.6	70.8	17.055	14.9	0.0	0.9	0.9	6.0
11	16.3	25.3	21.2	77.8	19.438	16.9	0.0	0.0	0.0	1.7
12	17.3	24.2	21.1	76.7	19.142	16.7	0.2	1.0	1.2	4.5
13	16.4	22.2	18.7	79.6	16.951	14.9	8.5	0.0	8.5	2.3
14	16.3	24.3	20.1	75.7	17.840	15.6	0.0	0.0	0.0	6.5
15	17.5	25.0	20.1	78.5	16.604	16.3	0.0	0.0	0.0	3.9
16	16.3	23.2	19.2	80.1	17.798	15.6	4.0	0.0	4.0	2.8
17	17.3	22.3	19.3	80.7	17.975	15.8	2.0	0.0	2.0	1.3
18	16.0	26.5	21.0	66.8	16.735	14.7	0.0	0.0	0.0	8.1
19	16.3	26.8	21.5	62.4	16.082	14.0	0.0	0.0	0.0	10.5
20	16.8	24.0	18.8	76.4	16.897	14.7	0.0	0.0	0.0	1.6
21	16.0	24.5	20.9	74.7	16.774	16.4	0.0	0.0	0.0	5.6
22	16.5	25.3	20.8	72.3	18.158	15.8	0.0	0.0	0.0	7.6
23	17.3	23.3	19.4	79.0	17.759	15.6	0.8	0.0	0.8	1.8
24	16.3	26.0	20.5	67.8	16.608	14.5	0.0	0.0	0.0	8.1
25	15.3	25.7	20.7	68.2	16.912	14.7	0.0	0.0	0.0	7.5
26	17.5	22.2	19.8	68.0	15.560	13.6	0.0	0.0	0.0	4.0
27	18.0	26.0	22.2	62.6	16.505	14.4	0.0	0.0	0.0	7.0
28	17.2	22.6	19.7	68.1	15.511	13.5	0.0	0.0	0.0	2.5
29	17.3	23.6	20.5	66.2	16.805	13.8	0.0	3.5	3.5	0.0
30	15.6	26.5	22.1	68.3	17.434	15.3	0.0	0.0	0.0	5.7
PROM.	16.5	24.2	20.1	73.4	17.243	15.1	21.9	7.0	28.9	122.9

ESTACION: LUIS BUSTAMANTE  
 ALTITUD: 1.610

MUNICIPIO: VILLARRICA AÑO: 1.983  
 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	16.8	23.5	21.4	74.3	18.074	15.9	0.0	0.0	0.0	1.3
2	16.6	24.2	22.1	63.2	16.264	14.3	0.0	0.0	0.0	3.0
3	16.8	26.6	24.0	59.1	16.858	14.7	0.0	0.0	0.0	7.2
4	17.3	23.6	19.9	78.1	17.617	15.4	3.0	0.1	3.1	2.0
5	16.3	24.0	19.4	76.9	17.346	15.2	0.0	0.0	0.0	2.6
6	16.3	24.0	20.1	75.3	17.694	15.5	1.3	0.0	1.3	4.3
7	17.0	25.8	21.6	67.5	16.573	14.5	1.6	3.2	4.8	5.9
8	17.0	23.3	19.7	79.2	17.874	15.7	0.1	1.9	2.0	0.9
9	16.2	23.6	21.1	74.1	18.127	15.8	6.6	8.5	15.1	2.5
10	15.3	25.4	21.7	58.5	14.978	12.9	0.0	0.0	0.0	7.4
11	17.0	24.3	18.8	77.2	17.074	14.7	1.9	0.8	2.7	4.8
12	16.4	23.3	19.7	73.1	16.650	14.6	1.0	0.0	1.0	2.0
13	16.5	26.1	22.2	67.4	17.063	14.9	0.0	0.0	0.0	6.4
14	17.6	25.4	20.4	64.0	15.558	13.6	0.0	0.0	0.0	3.0
15	17.6	25.4	20.5	72.3	17.616	15.4	0.0	0.0	0.0	3.9
16	17.0	25.0	22.4	65.8	16.956	14.8	0.0	1.7	1.7	5.2
17	17.3	23.0	21.0	77.9	18.525	16.5	2.0	0.0	2.0	3.3
18	16.3	24.6	20.2	69.3	16.362	14.3	0.0	0.0	0.0	5.1
19	17.3	23.6	20.4	71.4	17.220	15.2	0.0	0.0	0.0	2.6
20	16.3	24.3	20.0	74.0	17.312	15.2	0.0	0.0	0.0	2.6
21	16.3	24.3	19.8	72.2	16.885	14.8	0.0	0.0	0.0	2.8
22	16.5	21.0	18.4	81.8	17.473	15.4	7.5	0.0	7.5	0.7
23	16.0	22.0	18.5	79.1	16.814	14.8	0.4	0.0	0.4	1.2
24	15.0	25.0	21.0	66.0	16.227	14.2	0.0	0.0	0.0	9.2
25	15.0	25.0	19.3	63.3	14.108	12.1	0.0	0.0	0.0	7.8
26	16.0	25.8	20.3	71.3	17.027	14.9	0.0	0.0	0.0	5.4
27	17.0	23.5	19.7	68.3	15.655	13.7	0.6	0.0	0.6	2.2
28	16.0	24.5	20.1	72.9	17.194	15.1	0.0	0.9	0.9	4.0
29	16.4	25.4	21.9	68.7	17.556	15.4	0.0	0.0	0.0	3.3
30	17.3	22.0	19.7	79.1	17.840	15.6	0.3	0.0	0.3	2.3
31	16.1	22.0	20.0	73.6	16.912	14.8	7.2	1.1	8.3	0.4
PROM.	16.5	24.2	20.5	71.5	16.964	14.8	33.9	18.2	52.1	115.5

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	16.8	21.5	18.1	78.9	16.278	14.3	4.2	0.0	4.2	1.9
2	15.3	23.5	19.7	70.2	16.076	14.1	0.0	0.1	0.1	2.0
3	17.0	22.0	19.2	73.4	16.112	14.1	6.0	0.0	6.0	2.1
4	16.0	25.0	20.7	65.6	16.049	14.0	0.4	0.0	0.4	3.6
5	17.1	25.4	20.3	72.8	16.683	14.7	0.0	0.0	0.0	3.1
6	16.0	23.5	19.4	72.9	16.316	14.3	1.7	3.1	4.8	2.3
7	15.4	23.3	20.3	76.6	17.988	15.8	1.0	0.0	1.0	2.6
8	14.7	23.6	20.2	59.7	13.804	11.7	0.0	0.0	0.0	3.7
9	16.0	24.5	20.7	60.9	14.791	12.8	0.0	0.0	0.0	3.4
10	16.3	24.2	21.2	63.9	15.565	13.6	0.0	0.0	0.0	5.7
11	15.6	25.4	22.4	53.3	14.047	11.9	0.0	0.4	0.4	6.6
12	17.0	23.3	21.2	72.1	17.649	15.5	1.6	0.0	1.6	2.0
13	16.0	27.0	23.3	63.5	17.419	15.1	1.5	0.0	1.5	5.5
14	17.0	28.3	24.1	60.4	17.374	15.0	0.0	0.0	0.0	9.1
15	17.0	27.5	22.0	66.2	17.523	15.3	0.0	0.0	0.0	6.1
16	17.0	26.5	20.5	66.6	16.029	14.0	0.0	0.0	0.0	4.0
17	17.4	24.7	20.7	69.3	16.621	14.6	0.0	0.0	0.0	2.0
18	17.5	23.3	18.7	71.8	15.621	13.6	1.9	0.9	2.8	0.4
19	16.4	22.0	19.1	72.0	15.692	13.7	0.0	0.0	0.0	1.3
20	16.4	22.0	20.5	69.0	16.260	14.2	0.0	0.0	0.0	0.1
21	17.3	22.9	19.1	69.3	15.369	13.4	0.0	0.0	0.0	1.7
22	16.4	23.8	18.8	70.1	15.229	13.2	0.0	0.0	0.0	1.5
23	17.3	25.3	20.8	64.3	15.653	13.7	0.0	0.0	0.0	3.9
24	17.3	24.0	19.7	69.3	16.057	14.0	0.0	0.0	0.0	1.6
25	16.3	23.0	19.9	75.7	17.422	15.3	0.0	0.0	0.0	3.2
26	17.0	24.6	21.3	63.2	15.400	13.4	0.0	0.0	0.0	3.2
27	16.0	25.4	21.9	67.8	17.424	15.1	0.0	0.0	0.0	1.3
28	17.0	21.5	18.5	76.8	16.624	14.5	0.0	0.0	0.0	0.2
29	16.2	23.0	18.5	73.3	15.633	13.6	0.0	0.0	0.0	0.2
30	16.3	26.2	20.3	67.7	16.174	14.2	0.0	0.0	0.0	4.9
31	16.6	27.3	21.9	60.0	15.987	13.9	0.0	0.0	0.0	7.4
PROM.	16.5	24.3	20.4	68.3	16.158	14.1	18.3	4.5	22.8	94.7

ESTACION: LUIS BUSTAMANTE  
 ALTITUD: 1.610

MUNICIPIO: VILLARRICA AÑO: 1.983  
 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	17.0	24.5	20.3	69.1	16.744	14.6	0.0	0.0	0.0	0.9
2	17.0	24.0	20.1	73.3	17.654	15.2	0.0	0.0	0.0	2.5
3	17.0	26.0	21.1	68.0	16.852	14.8	0.0	0.0	0.0	4.7
4	16.6	26.6	22.5	62.1	16.905	14.5	8.1	1.8	9.9	6.3
5	16.4	26.0	19.2	70.2	15.956	14.0	0.0	0.0	0.0	4.4
6	16.0	24.8	20.6	70.1	16.903	14.6	0.0	0.0	0.0	1.9
7	16.6	23.6	19.8	70.0	15.950	14.0	0.0	0.0	0.0	3.2
8	16.0	23.3	19.5	78.1	17.617	15.4	0.0	0.0	0.0	1.5
9	16.0	25.5	22.4	65.7	16.944	14.8	0.0	0.0	0.0	5.3
10	16.5	24.9	20.9	70.4	17.015	14.9	0.0	0.0	0.0	3.3
11	16.3	25.8	22.1	70.1	17.605	15.4	0.0	0.0	0.0	3.9
12	16.3	23.6	19.8	70.1	15.983	14.0	0.0	0.0	0.0	2.5
13	17.0	25.4	21.0	68.4	16.747	14.7	0.0	0.0	0.0	4.2
14	17.8	24.3	21.1	69.7	17.114	15.0	0.0	0.0	0.0	3.0
15	16.6	23.5	19.4	71.9	16.343	14.3	0.0	0.0	0.0	1.6
16	17.3	25.5	21.1	73.4	17.840	15.6	0.0	0.0	0.0	2.9
17	17.0	25.5	19.8	71.4	16.391	14.4	0.0	0.0	0.0	3.3
18	16.0	26.4	20.8	66.6	15.887	13.9	0.0	0.0	0.0	4.5
19	16.5	23.6	20.9	70.3	17.156	15.0	0.0	0.0	0.0	3.0
20	16.3	25.3	19.5	70.5	16.646	14.4	0.0	0.0	0.0	4.4
21	15.4	26.0	19.9	65.2	15.224	13.2	0.0	0.0	0.0	5.9
22	15.4	21.5	18.7	76.4	15.997	14.0	0.0	0.0	0.0	1.9
23	15.0	25.3	21.7	69.0	17.116	14.9	0.0	0.0	0.0	4.7
24	17.3	25.8	22.0	66.8	17.004	14.7	0.0	0.0	0.0	3.4
25	16.0	27.0	23.1	67.8	18.454	15.9	0.0	0.0	0.0	7.4
26	16.5	26.3	20.7	64.4	15.572	13.6	0.0	0.0	0.0	5.3
27	16.6	26.4	21.5	69.0	17.879	15.6	0.0	0.0	0.0	5.1
28	16.3	24.9	19.9	71.4	16.312	14.3	0.0	0.0	0.0	2.3
29	17.1	24.5	21.5	66.9	16.951	14.9	0.0	0.0	0.0	3.2
30	16.8	24.3	20.2	70.9	16.613	14.6	0.0	0.0	0.0	1.5
PROM.	16.5	25.0	20.7	69.6	16.775	14.6	8.1	1.8	9.9	108.0

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	25.3	20.8	64.3	15.529	13.6	0.0	0.0	0.0	1.8
2	17.3	24.0	19.8	70.3	16.307	14.3	0.0	0.0	0.0	0.0
3	17.3	24.0	20.0	69.1	16.187	14.1	0.0	0.0	0.0	0.9
4	17.5	25.0	18.9	75.2	16.552	14.5	0.0	0.0	0.0	1.9
5	16.5	23.3	20.5	68.1	16.098	14.1	0.0	0.0	0.0	1.7
6	17.3	26.0	20.8	63.5	15.633	13.6	0.0	0.0	0.0	3.5
7	16.0	25.3	20.5	58.8	13.995	11.8	0.0	0.0	0.0	1.5
8	17.3	25.6	21.7	61.4	15.949	13.8	0.0	0.0	0.0	4.0
9	16.3	23.6	19.9	69.7	16.194	14.1	0.0	0.0	0.0	3.1
10	16.2	24.0	19.9	67.0	15.630	13.6	0.0	0.0	0.0	3.2
11	16.2	23.0	19.2	75.0	16.932	14.9	0.0	0.0	0.0	1.5
12	17.5	24.0	19.8	73.1	16.715	14.7	0.0	0.0	0.0	0.5
13	16.3	22.3	19.0	83.9	18.040	15.9	0.0	0.0	0.0	0.5
14	15.6	23.0	18.2	75.1	15.645	13.6	0.0	0.0	0.0	0.0
15	16.0	19.3	18.0	80.0	16.256	14.2	11.0	0.0	11.0	0.2
16	15.0	21.0	17.8	85.0	17.547	15.4	0.0	0.0	0.0	0.6
17	15.3	24.8	20.1	73.9	16.913	14.9	0.0	0.0	0.0	5.3
18	17.1	25.6	21.3	77.4	19.187	16.8	0.0	0.0	0.0	5.3
19	16.4	21.0	18.6	83.4	17.842	15.7	0.0	0.0	0.0	6.6
20	16.0	23.6	18.0	75.5	15.964	13.6	0.0	0.0	0.0	0.0
21	15.3	23.0	19.4	76.8	17.140	15.0	0.0	0.0	0.0	1.3
22	16.0	23.6	19.7	78.0	17.227	15.1	4.0	14.0	18.0	2.0
23	15.5	23.5	20.5	73.7	16.874	14.7	0.0	6.0	6.0	1.7
24	17.0	25.0	18.8	69.8	15.163	13.2	0.0	2.0	2.0	4.4
25	17.0	22.0	18.5	75.3	16.190	14.1	0.0	2.0	2.0	3.2
26	15.6	22.0	18.5	75.6	16.277	14.2	0.0	0.0	0.0	0.5
27	15.0	24.0	18.5	76.0	16.531	14.3	0.0	3.0	3.0	2.0
28	16.3	24.0	19.1	74.1	16.592	14.6	53.0	6.0	59.0	3.9
29	16.3	21.3	18.8	76.5	16.456	14.4	0.0	5.0	5.0	1.4
30	15.4	22.0	18.4	78.6	16.752	14.7	20.0	0.0	20.0	0.7
31	15.0	22.0	18.0	82.9	17.205	15.1	0.0	2.0	2.0	0.4
PROM.	16.3	23.4	19.4	73.7	16.501	14.4	88.0	40.0	128.0	61.9

ESTACION: LUIS BUSTAMANTE

MUNICIPIO: VILLARRICA AÑO:

1983

ALTITUD: 1.610

LATITUD: 3-56 N.

LONGITUD: 74-36 W.

## M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	22.2	18.5	83.7	17.662	15.6	6.0	0.0	6.0	3.0
2	16.0	21.5	18.9	85.8	18.542	16.3	3.0	0.0	3.0	2.1
3	16.0	23.0	18.8	82.9	17.707	15.6	2.0	30.0	32.0	2.5
4	16.6	23.3	18.7	74.6	16.013	14.0	0.0	6.0	6.0	3.0
5	16.3	24.3	19.5	74.9	16.805	14.7	0.0	0.0	0.0	5.9
6	16.3	23.0	19.7	72.5	16.288	14.1	3.0	0.0	3.0	3.1
7	15.8	25.5	18.9	65.2	14.278	12.2	0.0	0.0	0.0	5.0
8	16.4	22.8	19.6	71.7	16.508	14.5	0.0	0.0	0.0	0.7
9	15.6	23.2	19.4	78.3	17.827	15.5	0.0	2.0	2.0	3.2
10	16.6	23.8	19.0	78.0	17.253	15.2	0.0	0.0	0.0	3.4
11	16.6	22.2	18.3	78.5	16.681	14.5	0.0	0.0	0.0	5.9
12	15.6	23.1	19.4	81.0	18.245	16.0	0.0	9.0	9.0	3.1
13	16.6	24.5	20.7	71.4	16.962	14.8	0.0	2.0	2.0	3.5
14	16.5	22.0	18.9	75.5	16.917	14.7	0.0	2.0	2.0	3.4
15	15.0	23.5	18.6	79.3	16.744	14.7	0.0	1.0	1.0	2.5
16	16.0	24.2	18.9	75.4	16.445	14.4	0.0	0.0	0.0	1.2
17	15.6	22.0	18.4	80.4	17.126	15.0	0.0	10.2	10.2	2.6
18	15.5	22.6	18.5	78.9	17.405	15.2	0.0	0.0	0.0	3.3
19	17.0	23.3	19.0	77.8	17.194	15.1	0.0	1.0	1.0	2.1
20	16.2	23.5	19.7	74.9	17.192	15.1	0.0	0.0	0.0	2.7
21	17.5	25.0	20.5	68.3	16.411	14.4	0.0	0.0	0.0	4.6
22	16.8	24.5	20.2	69.8	16.230	14.2	1.0	0.0	1.0	2.6
23	17.0	25.4	20.2	71.4	17.042	14.9	0.0	1.0	1.0	5.1
24	16.8	22.5	19.4	80.7	18.089	15.9	3.0	2.0	5.0	3.5
25	15.8	24.0	20.4	73.6	17.416	15.2	5.0	0.0	5.0	6.0
26	16.5	24.5	19.2	77.6	17.043	14.9	0.0	1.0	1.0	3.5
27	16.9	22.2	19.1	80.8	17.797	15.6	2.0	0.0	2.0	1.5
28	16.3	21.8	17.7	76.9	15.419	13.4	32.0	0.0	32.0	2.4
29	15.6	20.0	17.3	81.5	16.145	14.2	9.0	0.0	9.0	1.5
30	15.4	22.3	18.0	71.6	14.721	12.6	2.0	0.8	2.8	3.2
PROM.	16.2	23.2	19.1	76.4	16.870	14.8	68.0	68.0	136.0	96.5

## M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	22.4	17.2	84.3	16.473	14.4	0.0	0.0	0.0	1.9
2	14.8	22.0	17.8	78.8	15.888	13.8	7.0	0.0	7.0	3.3
3	14.4	22.5	19.0	77.6	16.848	14.5	0.0	0.0	0.0	3.0
4	15.3	20.0	17.9	87.4	17.897	15.7	0.0	0.0	0.0	0.0
5	15.0	22.0	17.6	76.1	15.225	13.2	0.7	20.0	20.7	1.2
6	15.6	22.3	17.1	82.3	16.078	14.1	1.6	0.0	1.6	2.7
7	15.4	22.0	18.4	81.8	17.610	15.4	0.0	17.0	17.0	2.8
8	14.6	20.3	18.1	85.4	17.598	15.4	1.0	0.8	1.8	1.6
9	14.6	20.0	17.3	87.0	17.259	15.2	0.0	0.5	0.5	1.7
10	15.3	22.0	17.6	84.8	17.012	14.9	0.0	0.0	0.0	2.6
11	14.6	21.2	18.1	79.2	16.338	14.2	0.0	0.0	0.0	1.6
12	15.6	23.4	18.8	79.2	17.045	15.0	0.4	0.0	0.4	3.2
13	17.0	23.0	19.0	86.4	19.199	16.6	21.0	0.0	21.0	1.5
14	17.3	21.2	19.6	81.1	18.225	16.0	0.0	0.0	0.0	0.8
15	17.3	22.3	18.6	75.8	16.355	14.3	0.0	0.0	0.0	1.3
16	17.3	22.6	20.2	83.7	19.361	17.0	0.0	0.0	0.0	1.2
17	17.0	22.0	18.4	80.4	17.260	15.2	0.0	0.0	0.0	1.9
18	16.3	24.3	21.5	76.3	19.037	16.6	0.0	0.0	0.0	4.7
19	17.8	22.3	19.8	74.6	17.152	15.0	0.0	0.0	0.0	3.4
20	15.0	22.0	17.9	82.4	16.727	14.6	0.0	0.0	0.0	1.3
21	15.3	22.3	18.3	69.8	14.672	12.6	0.0	0.0	0.0	3.3
22	16.2	23.0	19.0	77.0	16.855	14.8	0.0	0.0	0.0	1.6
23	16.4	22.5	19.2	77.7	17.155	15.0	0.0	0.0	0.0	1.9
24	16.0	24.8	20.4	78.4	18.471	16.1	0.0	0.0	0.0	5.1
25	16.5	23.0	20.9	85.8	20.706	17.8	16.0	0.0	16.0	3.0
26	15.4	23.5	18.4	79.3	16.925	14.7	0.0	0.0	0.0	0.2
27	16.5	25.0	20.1	69.1	16.655	14.3	0.0	0.0	0.0	4.8
28	17.8	25.6	20.2	67.2	15.988	14.0	0.0	0.0	0.0	2.3
29	17.5	25.0	20.1	62.1	14.811	12.8	0.0	0.0	0.0	3.6
30	17.0	24.0	19.5	77.0	17.820	15.4	0.0	0.0	0.0	3.4
31	16.6	22.0	18.7	80.8	17.698	15.5	0.0	0.0	0.0	1.8
PROM	16.0	22.6	18.9	79.0	17.173	15.0	47.7	38.3	86.0	72.7

ESTACION: LUIS BUSTAMANTE

MUNICIPIO VILLARRICA

AÑO: 1.983

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 llovias	
ENERO	16.5	23.7	19.9	15.5	25.6	80.6	16.718	16.4	142.8	12	90.0
FEBRERO	16.2	24.1	20.1	14.8	26.6	77.5	16.183	15.9	70.8	12	93.0
MARZO	16.8	23.8	20.2	15.2	26.5	80.6	16.904	16.5	229.7	20	71.9
ABRIL	16.3	22.8	19.6	15.0	24.8	85.1	16.292	16.9	369.8	27	62.0
MAYO	17.3	24.3	20.6	16.2	26.3	77.4	16.595	16.3	169.9	21	110.3
JUNIO	16.5	24.2	20.1	15.0	26.6	73.4	17.243	15.1	28.9	14	122.9
JULIO	16.5	24.2	20.5	15.0	26.6	71.5	16.964	14.8	52.1	17	115.5
AGOSTO	16.5	24.3	20.4	14.7	28.3	68.3	16.158	14.1	22.8	10	94.7
SEPTIEMBRE	16.5	25.0	20.7	15.0	27.0	69.6	16.779	14.6	9.9	1	108.0
OCTUBRE	16.3	23.4	19.4	15.0	26.0	73.7	16.501	14.4	128.0	10	61.9
NOVIEMBRE	16.2	23.2	19.1	15.0	25.5	76.4	16.870	14.8	136.0	21	96.5
DECIEMBRE	16.0	22.6	18.9	14.4	25.6	79.0	17.173	15.0	86.0	9	72.7
PROMEDIO	16.5	23.8	20.0	15.1	26.3	76.1	17.615	15.4			
TOTAL									1446.7	174	1099.4

ESTACION: EL LIMON  
 ALTITUD: 990

MUNICIPIO: CHAPARRAL AÑO: 1963  
 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	19.0	30.8	24.3	70.1	21.091	18.4	0.0	0.3	0.3	4.8
2	19.2	27.4	23.1	77.2	21.445	18.6	0.2	9.5	9.7	3.2
3	20.0	26.6	22.6	84.5	23.080	19.8	8.7	0.0	8.7	0.6
4	19.0	24.2	21.5	87.3	22.403	19.4	0.9	0.0	0.9	0.0
5	19.3	24.4	21.1	88.2	22.563	19.4	1.8	0.0	1.8	0.4
6	19.0	26.8	21.0	83.3	20.688	18.0	3.9	0.0	3.9	0.0
7	18.0	26.4	22.4	75.1	19.781	17.1	0.2	0.0	0.2	6.6
8	20.0	30.0	23.9	75.9	21.809	18.7	0.0	0.0	0.0	7.3
9	19.6	32.5	25.3	66.4	20.605	18.0	0.0	0.2	0.2	2.5
10	19.0	32.0	25.1	71.9	22.054	19.1	0.0	0.2	0.2	2.9
11	21.1	30.8	24.8	64.7	19.834	17.3	0.0	0.0	0.0	1.5
12	19.0	30.3	23.0	77.0	21.508	18.6	0.0	0.1	0.1	1.6
13	19.0	30.8	23.2	75.3	22.675	19.5	0.0	2.0	2.0	7.1
14	21.2	26.3	23.7	77.9	22.738	19.5	0.0	5.8	5.8	0.8
15	21.0	30.3	23.7	79.9	23.266	19.9	0.0	0.9	0.9	4.5
16	21.4	30.0	23.5	81.5	23.767	20.2	0.3	20.0	20.3	3.3
17	20.0	30.8	24.1	76.8	22.765	19.5	0.0	0.0	0.0	4.3
18	19.0	31.4	23.7	71.3	20.251	17.6	0.0	0.0	0.0	6.3
19	19.3	29.3	24.0	76.6	22.363	19.3	0.0	0.0	0.0	2.2
20	20.0	33.0	25.1	71.1	21.656	18.7	0.0	0.0	0.0	7.3
21	19.0	32.2	25.0	67.2	20.765	18.0	0.0	0.0	0.0	5.9
22	18.9	34.0	25.9	65.3	20.421	17.8	0.0	0.0	0.0	8.6
23	18.7	34.0	25.0	62.3	19.070	16.7	0.0	0.0	0.0	8.6
24	17.3	33.8	25.5	65.2	19.423	17.0	0.0	0.0	0.0	8.7
25	19.2	32.8	24.9	74.4	22.698	19.5	0.0	0.0	0.0	8.3
26	21.4	31.8	25.3	70.2	22.752	19.5	0.0	5.4	5.4	5.6
27	19.6	30.6	23.8	80.3	23.594	20.1	0.0	34.6	34.6	5.2
28	19.9	29.0	22.9	81.6	22.573	19.4	9.4	46.0	55.4	3.1
29	20.4	29.0	24.0	78.4	23.016	19.6	0.1	0.0	0.1	1.9
30	19.0	29.8	24.1	79.9	23.676	20.2	0.0	1.6	1.6	5.3
31	20.0	30.0	22.4	84.8	23.146	19.8	0.0	46.4	46.4	2.5
PROM.	19.6	30.1	23.8	75.7	21.855	18.8	25.5	176.0	201.5	130.9

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	20.0	30.3	23.5	82.8	23.932	20.4	0.0	33.1	33.1	3.5
2	20.0	31.1	24.1	75.9	22.212	19.1	0.0	0.0	0.0	3.2
3	18.4	31.9	24.2	72.0	21.233	18.4	0.0	0.0	0.0	7.3
4	19.8	31.9	24.7	71.6	21.578	18.7	0.0	0.0	0.0	6.2
5	20.5	30.0	24.3	82.9	24.917	20.9	0.0	23.6	23.6	3.5
6	19.0	29.3	23.0	81.3	22.412	19.3	0.1	35.8	35.9	3.3
7	20.0	29.0	23.5	71.7	20.551	17.9	6.3	9.4	15.7	2.8
8	19.0	28.4	22.7	79.7	21.796	18.9	0.0	0.0	0.0	3.6
9	19.1	28.9	22.3	84.9	22.784	19.6	0.0	3.9	3.9	4.8
10	20.0	29.5	23.3	76.5	21.462	18.4	0.0	0.0	0.0	3.5
11	20.4	29.9	23.4	76.9	21.825	18.8	0.0	0.0	0.0	4.5
12	19.4	31.0	24.0	83.8	24.717	20.9	0.0	0.0	0.0	8.8
13	18.0	31.0	23.8	75.4	21.185	18.3	0.0	0.0	0.0	9.3
14	19.4	29.9	23.9	80.9	23.235	19.7	0.0	0.0	0.0	5.0
15	18.6	31.6	23.9	74.7	21.577	18.7	0.0	0.0	0.0	5.9
16	20.0	32.6	24.7	72.7	21.943	18.8	0.0	0.0	0.0	5.1
17	19.4	32.9	25.5	65.0	19.825	17.2	0.0	22.6	22.6	4.0
18	20.0	28.8	22.3	75.2	20.143	17.6	7.7	1.8	9.5	0.6
19	18.0	29.9	23.1	84.8	23.479	20.0	0.0	0.0	0.0	5.7
20	18.0	32.6	24.0	72.0	20.231	17.6	0.0	0.0	0.0	8.5
21	20.0	29.7	23.8	89.0	25.821	21.5	0.0	0.0	0.0	3.3
22	20.4	31.6	25.3	71.0	21.781	18.6	0.0	0.0	0.0	6.2
23	20.0	30.0	24.1	84.9	25.100	21.1	0.0	0.0	0.0	2.2
24	20.0	33.8	25.3	63.8	20.277	17.7	0.0	0.0	0.0	8.7
25	20.4	31.1	24.5	79.8	23.630	20.2	0.0	1.9	1.9	3.1
26	20.0	31.6	24.8	64.1	19.231	16.5	0.0	0.0	0.0	4.1
27	18.6	34.1	25.7	62.1	20.247	17.7	0.0	11.2	11.2	10.2
28	20.0	29.3	24.1	76.8	22.983	19.6	0.0	0.0	0.0	3.4
PROM.	19.5	30.8	24.0	76.2	22.155	19.0	14.1	143.3	157.4	140.3

ESTACION: EL LIMON

MUNICIPIO: CHAPARRAL

AÑO:

1.983

ALTITUD: 950

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	20.0	33.3	25.2	73.5	22.709	19.4	0.0	0.0	0.0	4.0
2	19.4	31.0	25.3	76.2	23.594	20.1	0.0	0.0	0.0	6.7
3	20.4	31.0	25.2	81.0	25.533	21.4	0.0	0.0	0.0	4.6
4	22.0	31.4	24.4	77.4	23.354	19.8	3.7	0.0	3.7	5.2
5	20.0	31.9	24.5	81.3	24.384	20.6	0.0	0.0	0.0	4.1
6	19.3	28.9	23.2	83.7	23.730	20.2	0.0	0.0	0.0	2.2
7	19.3	29.6	22.1	85.2	22.415	19.3	0.0	0.0	0.0	2.4
8	20.0	30.0	23.2	83.5	23.321	19.8	0.0	8.8	8.8	2.5
9	20.3	28.6	24.1	87.7	26.030	21.7	0.0	7.0	7.0	0.8
10	20.0	26.8	22.8	91.2	25.138	21.2	0.6	0.0	0.6	0.0
11	20.0	30.9	24.3	80.4	23.779	20.2	0.0	0.3	0.3	4.1
12	20.6	31.4	24.2	81.1	23.993	20.3	0.0	9.7	9.7	6.8
13	20.6	32.3	25.3	83.1	26.243	21.8	0.0	31.3	31.3	4.2
14	20.0	28.4	23.3	88.5	24.598	21.0	2.6	0.0	2.6	1.9
15	19.4	32.3	24.8	81.7	25.510	21.4	0.0	0.0	0.0	7.0
16	19.6	32.9	25.1	78.6	24.253	20.5	0.0	0.0	0.0	9.3
17	21.0	34.0	26.2	79.0	26.405	22.0	0.0	7.5	7.5	4.8
18	20.0	30.2	24.1	81.4	24.184	20.5	0.0	0.0	0.0	4.4
19	21.4	32.2	25.6	78.6	25.535	21.5	0.0	0.0	0.0	8.5
20	21.0	33.9	25.4	66.1	21.670	18.8	0.0	0.0	0.0	8.8
21	19.4	29.7	23.5	79.0	22.184	19.0	0.0	0.7	0.7	2.9
22	18.8	32.6	25.2	73.0	22.323	19.1	0.0	0.0	0.0	7.2
23	21.2	33.3	25.0	77.5	23.910	20.3	0.0	0.0	0.0	8.4
24	20.2	28.3	23.6	81.2	23.326	19.9	1.9	0.0	1.9	2.2
25	20.4	29.3	22.8	91.4	25.823	21.6	16.0	0.8	16.8	0.0
26	20.0	30.3	23.8	84.4	24.772	20.9	0.0	36.1	36.1	4.7
27	19.3	24.0	21.5	77.3	19.347	16.5	2.3	0.0	2.3	0.0
28	19.3	31.3	22.8	77.8	21.399	18.5	0.0	0.0	0.0	7.5
29	20.6	30.0	23.7	81.4	23.672	20.2	0.0	2.6	2.6	5.1
30	19.6	31.0	23.3	80.1	22.517	19.3	0.0	0.0	0.0	7.5
31	18.4	31.5	24.5	68.9	20.484	17.9	0.0	0.0	0.0	6.6
PROM.	20.0	30.7	24.1	80.4	23.759	20.2	27.1	104.8	131.9	146.4

## 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	18.5	31.6	21.6	87.3	22.940	19.7	0.0	0.0	0.0	8.4
2	20.0	30.0	25.7	57.0	17.743	15.5	0.0	0.0	0.0	8.1
3	18.4	32.3	24.3	71.8	21.764	18.7	0.0	0.0	0.0	4.2
4	20.3	31.2	24.3	78.7	23.577	20.1	0.0	0.0	0.0	4.0
5	19.5	32.9	24.4	74.7	21.935	18.8	3.3	32.5	35.8	4.1
6	19.4	30.4	23.5	78.5	22.277	19.2	1.6	9.7	11.3	4.9
7	20.1	28.0	22.6	86.2	23.652	20.2	7.7	55.3	63.0	0.5
8	19.4	27.9	22.5	88.2	24.130	20.5	2.5	12.1	14.6	4.1
9	20.2	27.6	22.2	83.5	22.685	19.5	11.2	2.4	13.6	0.4
10	20.0	29.0	23.4	84.0	24.211	20.5	29.9	10.7	40.6	2.0
11	20.3	28.3	22.6	86.8	23.873	20.3	2.7	3.6	6.3	2.1
12	19.5	28.4	23.6	83.4	24.032	20.4	3.1	22.8	25.9	1.1
13	20.3	28.0	22.4	82.5	22.311	19.1	2.2	29.2	31.4	0.9
14	19.3	26.4	22.2	85.0	23.683	20.2	6.8	0.2	7.0	1.3
15	19.3	31.4	23.5	80.3	22.941	19.7	3.0	4.1	7.1	6.1
16	20.0	29.3	22.7	76.4	20.447	17.5	0.9	0.0	0.9	1.7
17	20.2	31.6	23.9	80.8	23.734	20.2	0.6	0.0	0.6	6.4
18	20.0	30.6	23.2	82.6	23.314	19.9	0.8	0.0	0.8	3.9
19	20.0	32.0	24.3	75.8	23.479	19.9	0.0	0.0	0.0	8.8
20	20.3	33.0	24.6	73.7	21.984	18.9	0.0	1.7	1.7	7.1
21	20.4	27.6	23.2	88.9	25.126	21.2	0.0	3.4	3.4	1.9
22	19.0	31.0	23.7	81.7	23.446	20.0	0.0	52.3	52.3	4.4
23	19.0	31.3	24.4	65.2	19.888	17.1	0.0	16.6	16.6	8.4
24	19.6	27.9	22.8	84.3	23.294	19.9	0.0	0.0	0.0	2.8
25	18.0	31.4	23.9	75.5	23.066	19.7	0.0	0.0	0.0	6.0
26	19.6	27.1	22.4	90.4	24.059	20.4	0.0	0.0	0.0	0.0
27	19.1	30.0	23.7	81.6	23.526	20.0	0.0	0.0	0.0	0.0
28	19.3	29.3	22.4	88.0	23.870	20.3	0.0	30.1	30.1	0.0
29	18.6	27.0	22.1	88.2	23.561	20.1	8.0	6.0	14.0	0.0
30	19.3	29.6	23.1	85.1	23.893	20.3	0.0	0.0	0.0	0.0
PROM.	19.6	29.7	23.3	81.3	22.949	19.6	84.3	292.7	377.0	103.6

ESTACION: EL LIMON

MUNICIPIO: CHAFARRAL

AÑO:

1.983

ALTITUD: 990

LATITUD: 3-43 N.

LONGITUD: 75-38 W.

## M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	32.0	24.5	80.2	24.238	20.6	0.0	0.0	0.0	4.7
2	20.6	30.8	24.1	75.1	22.247	19.2	0.0	0.0	0.0	3.7
3	20.0	31.9	24.6	71.5	21.355	18.5	0.0	17.0	17.0	6.4
4	20.1	28.3	23.1	80.3	22.514	19.3	0.0	0.0	0.0	2.3
5	19.0	31.9	24.2	68.7	20.034	17.3	0.0	0.4	0.4	7.0
6	20.1	31.5	24.6	76.3	22.573	19.5	0.0	0.0	0.0	0.6
7	20.0	28.6	23.2	78.9	22.506	19.3	0.0	0.0	0.0	4.9
8	18.1	32.8	25.0	70.3	21.059	18.2	0.0	0.0	0.0	10.0
9	20.0	33.3	25.0	72.4	21.976	18.9	0.0	0.3	0.3	10.4
10	21.0	33.8	24.9	75.3	23.235	19.8	0.0	0.0	0.0	7.7
11	21.4	30.0	24.4	80.3	24.364	20.6	0.0	0.3	0.3	0.5
12	20.4	31.0	24.1	73.8	22.045	19.0	0.0	0.0	0.0	3.5
13	19.0	31.6	22.8	76.0	21.060	18.3	0.0	0.0	0.0	5.3
14	19.3	31.1	24.3	70.1	21.256	18.4	0.0	0.0	0.0	5.9
15	20.4	32.0	24.8	75.0	22.925	19.6	0.0	37.8	37.8	6.9
16	20.0	26.4	23.0	76.0	20.592	17.5	0.7	12.3	13.0	1.6
17	20.6	30.0	23.5	80.6	23.013	19.7	2.4	33.5	35.9	3.6
18	19.6	25.0	21.1	92.4	23.142	19.8	23.8	0.0	23.8	0.3
19	19.0	30.0	23.5	79.7	22.540	19.3	0.0	35.0	35.0	3.4
20	20.0	27.0	23.3	69.9	20.002	17.3	9.6	21.3	30.9	3.7
21	20.0	29.4	22.6	79.2	21.823	18.8	0.1	37.3	37.4	4.7
22	20.0	25.6	23.9	77.3	22.074	18.9	0.0	47.3	47.3	6.3
23	19.0	30.0	22.8	82.1	22.682	19.5	12.9	0.0	12.9	6.0
24	19.4	32.0	24.6	77.8	23.294	19.8	2.3	15.1	17.4	4.8
25	20.1	31.3	24.5	71.5	20.902	17.9	0.0	0.0	0.0	6.2
26	19.0	32.4	25.4	69.1	21.652	18.7	0.0	83.1	83.1	8.0
27	20.0	31.8	23.4	78.1	21.556	18.9	0.0	0.5	0.5	6.4
28	20.4	32.2	25.3	78.3	24.983	21.1	2.6	50.8	53.4	2.6
29	19.3	30.0	23.5	71.2	21.185	18.4	0.0	0.6	0.6	4.6
30	19.6	30.0	24.3	76.0	22.900	19.6	0.0	0.0	0.0	7.4
31	18.4	32.0	23.7	71.3	20.123	17.5	0.0	0.0	0.0	9.9
PROM.	19.8	30.6	23.9	76.0	22.153	19.0	54.4	392.6	447.0	161.3

## 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	19.0	26.0	22.1	73.5	19.168	16.5	7.8	0.2	8.0	1.2
2	18.5	31.6	23.4	78.0	21.742	18.8	0.0	0.0	0.0	2.9
3	19.1	30.3	24.3	79.7	23.748	20.2	0.0	0.0	0.0	2.2
4	19.0	29.3	24.5	76.6	23.178	19.9	0.0	93.7	93.7	1.1
5	19.0	30.8	23.9	77.8	22.406	19.2	1.1	0.0	1.1	3.5
6	18.0	30.0	22.6	79.3	21.331	18.5	0.0	0.0	0.0	4.4
7	17.4	30.8	24.5	73.8	22.167	19.0	0.0	20.0	20.0	9.3
8	19.0	28.0	22.7	77.8	21.007	18.2	0.0	0.0	0.0	0.3
9	17.5	30.8	22.4	78.1	20.576	17.9	0.0	40.0	40.0	10.4
10	19.0	31.8	23.6	76.7	22.156	19.1	0.0	0.0	0.0	8.2
11	19.4	32.6	23.4	72.4	20.224	17.6	0.4	0.5	0.9	8.7
12	19.2	32.6	24.1	76.2	22.287	19.2	0.0	0.0	0.0	6.7
13	20.0	31.6	24.6	72.8	21.869	18.9	0.0	0.0	0.0	8.2
14	19.5	31.8	24.0	74.1	22.061	19.1	0.0	0.0	0.0	5.2
15	20.0	31.8	23.8	72.8	21.147	18.3	0.0	0.0	0.0	5.6
16	19.0	29.9	24.0	71.9	21.265	18.5	0.0	0.0	0.0	3.5
17	20.0	30.6	22.9	74.0	20.468	17.8	0.0	0.0	0.0	4.6
18	18.6	32.0	24.3	63.8	18.954	16.6	0.0	0.0	0.0	10.0
19	17.0	32.0	24.6	67.3	19.590	17.0	0.0	0.0	0.0	10.3
20	18.3	30.6	22.1	74.6	19.710	17.3	0.0	0.0	0.0	1.8
21	18.0	32.3	23.1	73.4	20.017	17.4	0.0	0.0	0.0	4.6
22	19.0	32.0	23.7	75.9	21.819	18.8	0.0	0.3	0.3	7.3
23	18.0	31.0	22.8	72.6	19.296	16.9	0.0	0.0	0.0	6.2
24	18.5	32.1	23.5	64.3	17.830	15.5	0.0	0.0	0.0	8.3
25	17.0	32.3	23.9	64.7	18.723	16.4	0.0	0.0	0.0	9.8
26	20.0	30.8	24.2	72.3	21.374	18.5	0.0	0.0	0.0	1.2
27	18.6	32.6	24.5	69.4	20.505	17.8	0.0	0.0	0.0	8.0
28	19.3	28.6	23.7	76.3	22.095	19.1	0.0	0.0	0.0	1.6
29	18.4	28.1	22.4	71.7	19.374	16.9	0.0	0.0	0.0	0.6
30	17.6	30.7	23.9	69.4	19.881	17.4	3.0	0.3	0.3	6.7
PROM.	18.7	30.8	23.6	73.4	20.867	18.1	9.3	155.0	164.3	162.4

ESTACION: EL LIMON  
 ALTITUD: 990

MUNICIPIO: CHAPARRAL  
 LATITUD: 3-43 N.

AÑO: 1.983  
 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	19.0	27.4	22.5	81.2	21.601	18.9	0.0	0.0	0.0	0.0
2	18.3	31.1	24.2	70.3	19.593	17.5	0.0	0.0	0.0	7.1
3	15.1	31.2	24.6	68.1	19.878	17.2	0.0	0.0	0.0	9.7
4	19.0	28.1	23.0	74.6	20.823	18.1	0.0	0.1	0.1	1.4
5	18.6	31.7	24.3	63.3	18.412	16.2	0.0	0.0	0.0	8.6
6	17.6	32.6	23.9	69.0	19.721	17.3	0.0	5.8	5.8	10.4
7	20.1	31.1	23.6	75.9	21.773	18.8	0.5	36.4	36.9	5.8
8	19.0	30.0	23.7	75.2	21.157	18.4	0.0	0.2	0.2	5.9
9	17.4	30.7	23.5	74.5	20.764	18.0	0.0	3.7	3.7	4.1
10	17.3	32.0	24.3	70.1	20.317	17.7	0.0	0.0	0.0	7.2
11	17.0	31.1	23.7	70.4	19.901	17.4	0.0	0.0	0.0	5.7
12	16.0	32.0	24.1	75.1	21.602	18.7	0.0	0.0	0.0	3.0
13	20.0	31.3	24.8	68.5	20.311	17.7	0.0	0.0	0.0	8.7
14	19.0	31.6	24.0	70.4	20.459	17.8	0.0	0.5	0.5	6.7
15	18.1	32.0	23.3	72.3	20.280	17.7	0.0	0.0	0.0	8.0
16	19.6	32.6	24.8	67.4	20.778	18.1	0.0	0.0	0.0	5.3
17	18.6	33.1	24.5	76.4	22.635	19.6	0.5	0.0	0.5	6.3
18	19.1	31.0	24.7	66.6	19.702	17.1	0.0	0.0	0.0	5.9
19	19.2	30.6	24.0	66.0	19.237	16.8	0.0	0.0	0.0	4.9
20	19.0	29.6	24.0	70.2	20.760	18.1	0.0	0.0	0.0	1.5
21	19.1	32.0	25.1	66.7	20.628	17.9	0.3	0.0	0.3	2.9
22	20.1	29.1	23.7	67.9	19.853	17.3	0.0	2.7	2.7	0.5
23	18.1	30.0	22.8	72.1	19.276	16.8	0.0	0.0	0.0	0.5
24	17.8	32.0	24.4	56.3	16.326	13.0	0.0	0.0	0.0	7.3
25	18.0	32.0	23.5	66.9	18.048	15.4	0.0	0.0	0.0	6.7
26	19.0	32.0	23.1	57.4	15.640	13.5	0.0	0.0	0.0	8.3
27	16.0	27.0	22.1	70.2	18.659	16.4	0.0	0.0	0.0	0.2
28	18.0	31.0	23.5	62.9	17.371	15.1	0.0	1.0	1.0	5.0
29	19.0	31.0	23.5	66.1	18.299	15.9	0.0	0.0	0.0	7.6
30	19.6	32.0	23.5	66.8	18.639	16.1	0.0	0.0	0.0	2.9
31	19.6	29.1	22.8	78.7	21.874	18.9	0.7	3.6	4.3	0.1
PROM.	18.5	30.9	23.8	69.6	19.812	17.2	2.0	54.0	56.0	158.4

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	19.0	27.3	22.3	78.2	20.576	17.9	0.0	0.6	0.6	0.0
2	19.0	32.0	22.9	66.1	17.636	15.3	0.0	0.0	0.0	4.9
3	18.6	33.0	23.6	62.2	17.817	15.6	0.0	0.0	0.0	6.5
4	18.6	32.0	24.3	69.9	20.923	18.2	0.0	0.0	0.0	8.1
5	20.0	30.0	22.8	72.0	19.814	17.2	2.0	0.0	2.0	2.5
6	18.0	32.0	23.5	64.8	18.303	16.1	0.0	0.9	0.9	6.2
7	18.6	32.0	25.3	61.9	19.220	16.5	0.0	0.2	0.2	2.9
8	18.0	33.0	24.7	62.5	18.004	15.8	0.1	0.0	0.1	7.6
9	20.0	32.0	25.0	57.3	17.786	15.6	0.0	0.0	0.0	4.0
10	20.0	32.0	23.8	62.2	17.797	15.6	0.0	0.0	0.0	2.5
11	17.6	33.0	24.5	57.5	16.304	14.2	0.0	0.0	0.0	11.7
12	17.0	32.0	23.9	59.9	17.836	15.6	0.0	0.0	0.0	4.5
13	17.6	34.0	26.7	52.6	17.876	15.8	0.0	0.0	0.0	10.0
14	20.0	34.0	26.6	54.4	18.082	15.8	0.0	0.0	0.0	9.0
15	20.0	34.0	26.4	58.9	19.627	17.2	0.0	0.1	0.1	6.1
16	20.1	32.6	26.3	65.2	21.541	18.7	0.0	0.0	0.0	4.7
17	20.3	30.0	24.0	67.7	19.962	17.5	0.0	0.0	0.2	1.5
18	20.6	30.0	22.2	78.3	21.199	18.4	0.5	1.9	2.4	0.7
19	19.0	31.0	23.0	78.4	21.745	18.8	0.0	0.1	0.1	0.0
20	18.6	31.0	22.6	68.7	18.573	16.3	0.0	0.0	0.0	3.1
21	19.5	30.6	22.5	68.8	18.404	16.1	1.4	0.0	1.4	3.7
22	20.0	30.0	23.7	60.0	16.837	14.5	0.0	0.0	0.0	0.5
23	20.3	30.2	24.2	55.2	16.153	14.0	0.0	0.0	0.0	4.5
24	19.0	30.4	24.1	62.1	18.129	15.9	0.2	0.1	0.3	1.6
25	20.3	28.6	22.7	75.0	20.486	17.8	1.2	0.3	1.5	0.9
26	19.4	30.0	22.1	80.8	21.878	18.9	0.0	0.0	0.0	3.4
27	20.0	30.0	22.7	75.2	20.602	17.9	0.4	0.0	0.4	5.3
28	19.6	30.0	22.0	78.2	20.930	18.2	4.9	11.8	16.7	3.3
29	18.0	32.0	23.5	70.5	19.504	16.9	0.0	0.0	0.0	2.9
30	19.0	31.0	23.3	68.1	19.174	16.7	0.0	0.0	0.0	2.1
31	17.0	34.0	25.1	52.7	15.047	12.6	0.0	0.0	0.0	9.9
PROM.	19.1	31.4	23.9	66.0	18.960	16.5	10.7	16.2	26.9	134.6

ESTACION: EL LIMON

MUNICIPIO: CHAPARRAL

AÑO:

1983

ALTITUD: 990

LATITUD: 3-43 N.

LONGITUD: 75-38 W.

## M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	32.0	24.0	73.9	21.504	18.5	0.0	0.0	0.0	1.9
2	19.0	32.0	23.9	70.5	20.142	17.5	0.0	3.3	3.3	9.4
3	18.0	32.0	23.9	72.4	20.306	17.6	0.0	0.0	0.0	0.0
4	17.0	33.0	25.4	55.5	16.243	14.2	0.0	0.0	0.0	9.0
5	20.0	33.6	25.3	72.5	22.445	19.3	0.0	0.9	0.9	4.4
6	19.0	32.0	24.8	68.4	20.255	17.6	0.1	0.1	0.2	3.8
7	19.0	31.0	25.9	58.5	18.122	15.6	0.0	0.0	0.0	5.4
8	18.0	31.0	22.6	70.6	19.182	16.9	0.9	0.0	0.9	6.1
9	20.0	33.0	24.2	66.5	19.269	16.5	0.0	0.0	0.0	0.0
10	18.6	32.6	25.1	65.7	20.421	17.8	0.0	0.1	0.1	4.8
11	19.0	32.0	24.6	65.7	19.476	17.0	0.0	0.0	0.0	8.0
12	17.8	32.0	24.6	61.8	17.806	15.3	0.0	0.0	0.0	3.5
13	20.0	32.0	25.4	53.3	16.961	14.9	0.0	0.0	0.0	3.7
14	20.0	32.0	23.6	59.9	17.157	14.9	0.0	0.0	0.0	1.6
15	19.0	30.0	23.2	67.0	18.966	16.7	0.0	0.0	0.0	0.0
16	18.0	32.6	26.0	62.2	19.951	17.5	0.0	0.0	0.0	0.0
17	18.9	32.0	24.9	63.0	18.806	16.4	0.8	0.0	0.8	6.5
18	17.9	30.1	25.3	62.9	19.103	16.3	0.0	0.0	0.0	3.5
19	18.6	31.0	23.3	69.4	19.620	17.2	0.0	0.0	0.0	6.5
20	19.9	33.0	25.1	63.6	19.554	17.1	0.0	0.0	0.0	6.8
21	18.3	34.0	25.7	59.9	18.424	16.1	0.0	13.0	13.0	8.9
22	19.0	28.0	22.0	78.6	20.464	17.8	9.9	0.0	9.9	9.3
23	18.6	33.0	25.0	60.8	18.350	16.1	0.0	0.7	0.7	0.0
24	18.0	32.6	24.4	66.1	16.966	16.5	0.0	0.0	0.0	8.0
25	18.8	32.0	24.3	57.0	16.106	13.9	0.0	0.0	0.0	6.5
26	19.1	32.0	26.0	55.4	17.344	15.1	0.0	0.0	0.0	10.4
27	18.6	33.0	25.5	59.3	17.460	15.0	0.0	0.0	0.0	2.1
28	18.6	31.4	26.3	63.6	20.072	17.5	1.8	0.0	1.8	2.9
29	19.6	33.0	27.3	55.4	18.893	16.5	0.0	0.0	0.0	1.7
30	19.6	30.8	26.7	62.4	20.563	17.9	0.0	0.0	0.0	2.2
PROM.	18.8	32.0	24.8	64.1	19.066	16.6	13.5	18.1	31.6	136.9

## 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	18.6	32.8	25.4	58.0	18.128	15.9	0.0	0.0	0.0	1.7
2	19.6	30.8	25.9	60.7	20.034	17.5	0.0	0.0	0.0	4.2
3	19.9	33.3	26.9	60.0	19.650	17.1	0.0	3.7	3.7	7.0
4	18.0	30.6	25.5	72.7	22.270	19.0	2.2	0.2	2.4	1.4
5	18.6	30.0	25.2	66.6	20.201	17.5	0.0	0.0	0.0	1.9
6	20.0	32.0	24.9	64.3	19.487	17.0	0.0	0.0	0.0	2.0
7	17.0	31.6	23.4	61.1	16.776	14.7	0.0	0.0	0.0	1.3
8	18.0	34.0	24.9	62.9	18.367	16.0	0.0	17.3	17.3	4.8
9	17.0	33.6	24.5	64.6	19.190	16.8	2.0	2.1	4.1	7.3
10	19.0	33.3	25.5	62.6	19.099	16.6	0.0	2.5	2.5	8.0
11	19.0	26.3	20.5	94.1	22.871	19.6	5.7	0.0	5.7	5.7
12	17.6	30.0	23.9	63.3	18.663	16.4	0.0	3.6	3.6	5.2
13	17.0	27.0	21.0	86.3	21.787	18.8	23.2	0.3	23.5	0.4
14	18.1	27.6	20.5	82.4	19.981	17.3	1.2	18.7	19.9	0.3
15	17.0	27.0	20.8	89.3	22.478	19.4	0.5	17.3	17.8	0.9
16	18.0	25.0	20.8	86.5	21.465	18.6	0.0	0.0	0.0	0.0
17	18.0	29.3	23.8	76.4	21.709	18.7	0.0	0.0	0.0	6.4
18	17.0	29.6	22.1	78.8	20.808	18.1	0.0	0.0	0.0	7.3
19	18.0	26.3	21.0	84.2	21.298	18.4	1.7	10.5	12.2	0.1
20	19.0	27.0	22.6	80.5	21.990	19.0	2.4	0.0	2.4	1.5
21	17.0	28.0	23.0	78.6	21.578	18.7	0.0	0.1	0.1	3.4
22	18.6	30.0	23.5	76.0	21.626	18.7	0.0	58.8	58.8	6.9
23	17.9	28.6	21.2	78.8	19.424	16.9	9.8	0.2	10.0	1.9
24	18.0	30.0	22.6	72.3	19.536	17.1	0.7	0.0	0.7	5.1
25	17.0	28.8	23.0	78.8	21.819	18.9	0.0	0.0	0.0	0.0
26	17.0	29.3	22.5	83.7	22.759	19.6	6.9	1.2	8.1	3.5
27	17.6	30.0	24.5	72.7	21.295	18.4	1.7	0.0	1.7	4.5
28	18.0	28.0	22.1	83.0	22.381	19.2	1.7	0.0	1.7	1.6
29	18.0	30.8	24.1	71.9	21.238	18.4	0.2	46.5	46.7	6.3
30	18.0	26.0	22.2	78.6	20.578	17.7	5.8	0.0	5.8	0.0
31	18.0	27.0	22.3	84.0	22.312	19.2	0.3	13.7	14.0	0.3
PROM.	18.1	29.5	23.2	74.6	20.671	17.9	66.0	196.7	262.7	100.9

ESTACION: EL LIMON

MUNICIPIO: CHAPARRAL AÑO: 1.983

ALTITUD: 990

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

## M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.0	29.0	23.2	78.8	22.443	19.3	0.0	12.2	12.2	2.0
2	18.6	28.0	21.2	88.0	22.036	19.0	0.0	10.1	10.1	0.0
3	19.0	28.0	21.7	85.7	22.478	19.3	0.1	0.0	0.1	0.0
4	18.8	30.9	23.6	75.9	21.817	18.9	0.0	2.0	2.0	0.0
5	18.6	31.0	22.9	70.1	19.113	16.2	0.0	0.0	0.0	0.0
6	18.6	30.6	23.3	80.8	23.131	19.8	0.2	0.1	0.3	0.0
7	18.6	30.6	23.4	71.1	20.009	17.4	0.0	5.9	5.9	0.0
8	18.0	27.6	22.8	79.8	21.647	18.7	17.0	22.0	39.0	0.0
9	18.4	27.0	22.0	87.3	23.211	19.9	0.0	0.0	0.0	2.2
10	18.0	28.0	21.8	85.3	22.236	19.2	0.0	25.9	25.9	3.5
11	18.0	28.0	22.1	84.3	22.400	19.3	0.8	15.8	16.6	2.7
12	18.4	27.0	22.0	83.6	21.810	18.8	8.6	0.0	8.6	3.2
13	16.6	30.6	24.4	79.2	23.699	20.2	0.0	43.2	43.2	7.1
14	18.5	28.3	22.6	85.0	23.142	19.8	0.3	35.3	35.6	4.5
15	17.0	30.0	23.4	76.9	21.502	18.6	0.0	3.7	3.7	5.2
16	18.6	30.0	23.2	78.3	21.900	18.9	0.0	6.6	6.6	3.8
17	17.6	28.0	22.2	84.6	22.603	19.4	0.0	10.1	10.1	3.9
18	18.5	31.0	24.2	73.6	21.542	18.6	0.5	0.0	0.5	8.6
19	20.0	31.5	24.2	75.1	22.460	19.2	6.6	0.3	6.9	7.3
20	18.0	29.5	23.2	76.1	21.865	18.9	0.0	0.0	0.0	1.4
21	20.0	31.6	24.7	67.1	20.467	17.8	0.0	0.0	0.0	4.5
22	20.0	31.6	24.6	72.7	22.357	19.2	0.0	0.0	0.0	7.2
23	20.4	31.5	24.5	76.4	23.468	20.1	0.0	13.0	13.0	0.0
24	18.5	24.2	20.5	90.6	22.276	19.2	0.2	0.0	0.2	6.4
25	18.0	31.5	22.8	77.4	20.966	18.2	0.0	10.8	10.8	5.1
26	19.2	30.5	22.5	80.6	21.565	18.7	0.8	0.0	0.8	4.5
27	20.0	31.3	23.8	72.6	20.657	17.9	0.0	0.0	0.0	3.8
28	20.0	30.5	23.9	78.7	22.823	19.5	0.0	8.9	8.9	0.0
29	19.0	22.5	20.1	96.8	22.932	19.7	48.9	1.3	50.2	0.0
30	17.5	27.5	21.5	81.5	20.746	17.9	0.0	0.0	0.0	2.4
PROM.	18.6	29.3	22.9	79.8	21.978	18.9	84.0	227.2	311.2	94.8

## 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	17.3	26.2	19.8	94.0	22.048	19.0	2.9	0.2	3.1	0.0
2	17.5	29.3	22.2	78.5	20.667	18.0	0.0	0.0	0.0	0.0
3	18.0	28.0	22.7	80.5	21.778	18.8	0.0	11.5	11.5	0.0
4	17.1	27.3	21.5	85.9	21.617	18.8	0.0	21.7	21.7	0.0
5	18.0	27.0	21.4	86.1	21.866	18.9	5.8	17.6	23.4	0.0
6	19.5	26.5	21.4	85.1	22.751	19.6	3.5	9.6	13.1	0.0
7	18.0	26.0	21.6	83.8	21.515	18.7	0.0	1.5	1.5	0.0
8	18.5	27.1	21.8	82.3	21.356	18.5	0.0	0.2	0.2	0.0
9	18.5	26.5	21.3	81.9	20.825	18.1	7.1	22.0	29.1	0.0
10	18.6	27.0	21.5	89.0	22.881	19.6	10.2	0.0	10.2	0.0
11	18.5	28.0	22.5	82.2	22.025	19.0	0.0	47.4	47.4	0.0
12	18.0	26.5	21.4	83.0	21.024	18.3	0.0	5.8	5.8	0.0
13	18.5	27.5	22.0	81.6	21.405	18.6	0.0	25.9	25.9	0.0
14	18.0	28.0	21.4	82.2	20.657	18.0	0.0	0.0	0.0	0.0
15	18.0	28.5	22.7	84.9	23.156	19.8	4.0	0.4	4.4	0.0
16	19.3	28.5	23.4	79.8	23.098	19.8	0.0	1.0	1.0	4.3
17	19.0	25.0	20.9	87.8	21.850	18.9	2.5	0.0	2.5	0.4
18	17.5	28.5	23.0	76.5	21.384	18.5	0.0	2.7	2.7	5.5
19	19.0	28.5	23.1	81.6	22.571	19.3	0.0	4.7	4.7	5.6
20	18.0	27.5	22.4	82.8	22.097	19.1	0.0	28.3	28.3	4.1
21	17.8	28.2	22.0	78.9	20.638	18.0	0.0	0.0	0.0	4.0
22	17.5	30.5	22.8	77.0	20.946	18.2	3.2	0.0	3.2	5.0
23	18.4	30.0	22.9	75.0	20.542	17.9	0.0	0.0	0.0	4.5
24	18.2	30.6	22.7	75.1	21.999	19.0	9.0	0.0	9.0	4.7
25	19.0	30.0	22.9	76.6	21.346	18.5	0.0	2.5	2.5	4.8
26	19.5	28.0	22.4	85.1	23.271	19.9	0.0	0.0	0.0	0.0
27	15.5	30.0	23.4	74.2	21.133	18.3	0.0	0.0	0.0	6.8
28	17.0	29.5	23.0	77.8	21.727	18.8	0.0	0.0	0.0	4.7
29	18.0	30.0	23.1	73.6	20.360	17.8	0.0	0.0	0.0	6.8
30	18.0	28.0	22.9	85.0	23.604	20.1	0.0	1.8	1.8	3.4
31	17.5	27.0	21.7	88.2	22.706	19.5	0.0	0.0	0.0	3.4
PROM.	18.1	28.0	22.2	82.1	21.772	18.8	48.2	204.8	253.0	209

ESTACION: EL LIMON

MUNICIPIO CHAPARRAL

AÑO: 1.98

ALTITUD: 990

LATITUD: 3-43 N.

LONGITUD: 75-38 W

MESES	TEMPERATURA °C					Humedad relativa o/g	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	19.6	30.1	23.8	17.3	34.0	75.7	21.855	18.8	201.5	20	130.
FEBRERO	19.5	30.8	24.0	18.0	34.1	76.2	22.155	19.0	157.4	9	140.
MARZO	20.0	30.7	24.1	18.4	34.0	80.4	23.759	20.2	131.9	15	146.
ABRIL	19.6	29.7	23.3	18.0	33.0	81.3	22.949	19.6	377.0	20	103.
MAYO	19.8	30.6	23.9	18.1	33.8	76.0	22.153	19.0	447.0	18	161.
JUNIO	18.7	30.8	23.6	17.0	32.6	73.4	20.867	18.1	164.3	8	162.
JULIO	18.5	30.9	23.8	15.1	33.1	69.6	19.812	17.2	56.0	11	158.
AGOSTO	19.1	31.4	23.9	17.0	34.0	66.0	18.960	16.5	26.9	14	134.
SEPTIEMBRE	18.8	32.0	24.8	17.0	34.0	64.1	19.066	16.6	31.6	10	136.
OCTUBRE	18.1	29.5	23.2	17.0	34.0	74.6	20.671	17.9	262.7	22	100.
NOVIEMBRE	18.6	29.3	22.9	16.6	31.6	75.8	21.978	18.9	311.2	23	94.
DICIEMBRE	18.1	28.0	22.2	15.5	30.6	82.1	21.777	18.8	253.0	22	
PROMEDIO	19.0	30.3	23.6	17.1	33.2	74.9	21.334	18.4			
TOTAL									2420.5	192	

ESTACION: LA MONTAÑA

MUNICIPIO: DOLGRES

AÑO:

1.983

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	16.8	28.6	22.3	75.6	19.976	17.4	0.0	0.0	0.0	8.8
2	17.0	23.3	20.0	94.5	22.118	19.0	0.0	0.0	0.0	1.5
3	18.6	24.8	20.4	91.2	21.957	19.0	6.7	0.0	6.7	1.9
4	18.1	24.0	19.5	88.8	20.040	17.4	14.2	25.3	39.5	0.5
5	17.0	24.9	20.9	83.3	20.350	17.8	2.6	0.5	3.1	2.9
6	17.0	23.0	19.1	91.4	20.531	17.9	1.8	0.0	1.8	0.3
7	17.3	26.9	20.9	82.1	20.872	18.1	1.3	0.0	1.3	4.4
8	17.0	27.1	22.4	64.6	16.826	14.7	0.0	0.0	0.0	4.5
9	19.1	26.3	22.5	67.3	17.800	15.6	0.0	0.0	0.0	5.0
10	16.9	27.1	22.9	61.2	16.944	14.9	0.0	0.0	0.0	7.8
11	19.1	26.1	22.8	67.2	18.210	16.0	0.0	0.0	0.0	5.4
12	17.1	28.3	21.9	78.7	20.573	17.9	0.0	0.0	0.0	4.3
13	18.1	29.0	22.6	83.2	22.504	19.7	0.5	4.9	5.4	5.1
14	18.0	26.8	22.1	88.0	23.414	20.0	0.0	0.0	0.0	4.6
15	17.0	28.6	22.7	66.7	18.453	15.3	0.0	0.0	0.0	6.1
16	16.0	27.7	21.4	78.8	20.607	17.9	0.0	0.0	0.0	7.3
17	16.0	27.2	22.9	65.4	17.037	14.8	0.0	0.0	0.0	4.3
18	17.0	29.0	24.0	60.1	17.381	15.3	0.0	0.0	0.0	7.8
19	17.0	29.0	23.3	71.7	20.192	17.6	0.0	0.0	0.0	3.8
20	18.0	28.8	23.5	59.6	16.588	14.5	0.0	0.0	0.0	6.1
21	19.0	30.4	25.5	55.1	17.599	15.5	0.0	0.0	0.0	6.5
22	17.6	31.1	25.3	59.4	18.075	15.8	0.0	0.0	0.0	9.9
23	18.0	31.2	24.8	68.0	20.307	17.7	0.0	0.0	0.0	9.6
24	18.4	30.3	24.9	57.4	17.005	14.6	0.0	0.0	0.0	9.8
25	18.4	29.9	24.5	61.7	18.469	16.0	0.0	0.0	0.0	7.6
26	18.6	28.8	24.4	68.0	20.565	17.8	0.0	0.0	0.0	4.4
27	19.0	27.6	24.6	68.3	20.658	17.8	0.0	0.0	0.0	6.3
28	19.0	28.0	21.7	81.5	21.533	18.7	0.0	0.0	0.0	3.0
29	19.0	25.4	21.9	84.0	22.238	19.2	0.0	0.0	0.0	4.8
30	18.1	26.1	20.1	82.4	20.078	17.5	0.0	58.9	58.9	4.9
31	18.0	26.9	21.3	88.0	22.271	19.2	0.8	4.2	5.0	3.5
PROM.	17.8	27.5	22.5	74.0	19.728	17.1	27.9	93.8	121.7	162.7

## 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	18.1	27.9	22.4	72.4	19.360	17.0	0.0	0.0	0.0	5.8
2	17.1	28.3	23.0	60.5	15.925	13.9	0.0	0.0	0.0	4.7
3	17.0	30.0	24.8	53.1	16.406	14.1	0.0	0.0	0.0	9.9
4	18.0	30.3	24.1	57.1	17.055	14.9	0.0	0.0	0.0	8.5
5	19.1	28.0	23.5	77.7	22.177	19.1	0.0	6.1	6.1	6.8
6	18.1	26.9	22.1	85.7	22.615	19.5	0.0	30.5	30.5	2.9
7	17.0	25.0	19.4	86.4	20.176	17.5	0.9	1.8	2.7	3.7
8	17.1	25.6	21.7	86.1	22.221	19.0	0.0	0.0	0.0	5.7
9	18.0	27.3	22.0	74.5	19.844	17.3	0.0	0.0	0.0	8.3
10	18.0	26.9	23.1	68.1	19.041	16.5	0.0	0.0	0.0	6.7
11	18.0	28.3	24.1	65.9	19.346	16.7	0.0	0.0	0.0	5.2
12	17.0	30.0	23.5	58.6	17.021	14.5	0.0	0.0	0.0	9.9
13	16.6	29.6	23.8	63.7	17.909	15.7	0.0	0.0	0.0	8.4
14	18.1	26.6	21.8	77.1	20.420	17.7	0.1	0.1	0.2	2.7
15	18.0	28.6	24.1	68.9	19.671	17.1	0.0	0.0	0.0	4.9
16	19.0	29.9	24.3	61.3	18.973	16.4	0.0	0.0	0.0	7.1
17	18.1	28.8	22.9	68.8	19.445	17.0	0.0	0.0	0.0	7.2
18	17.0	23.1	19.7	90.9	21.461	18.6	18.9	0.0	18.9	0.3
19	16.6	27.6	22.3	71.0	18.858	16.5	0.0	0.0	0.0	5.6
20	18.0	29.9	24.5	66.0	19.546	17.0	0.0	0.0	0.0	8.3
21	18.0	26.3	22.6	65.8	17.656	15.5	0.2	0.0	0.2	3.6
22	18.0	29.3	24.8	74.5	22.876	19.7	0.0	0.0	0.0	6.1
23	20.4	27.0	23.0	65.4	18.555	16.2	0.1	0.0	0.1	2.2
24	20.6	31.0	25.6	54.6	17.536	15.4	0.0	2.4	2.4	8.7
25	18.0	29.9	24.0	59.8	17.376	15.2	0.0	0.0	0.0	7.4
26	20.3	26.4	22.7	65.1	17.675	15.5	1.0	0.0	1.0	5.3
27	19.1	32.3	26.0	52.7	17.304	15.2	0.0	1.1	1.1	7.5
28	18.0	27.6	23.4	73.5	20.479	17.7	0.0	0.0	0.0	3.4
PROM	18.1	28.2	23.2	68.8	19.177	16.7	21.2	42.0	63.2	166.8

ESTACION: LA MONTAÑA

MUNICIPIO: DCLGRES

AÑO: 1982

ALTITUD: 1.260

LATITUD: 3-33 N.

LONGITUD: 74-54 W.

## M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.0	29.6	25.0	58.0	18.339	16.1	0.0	0.0	0.0	3.7
2	18.0	28.6	23.4	79.9	22.897	19.7	0.0	0.0	0.0	5.3
3	18.5	30.0	25.0	78.7	24.657	20.7	0.0	6.7	6.7	5.6
4	17.6	29.9	24.1	73.0	21.442	18.6	7.4	0.0	7.4	7.1
5	19.6	29.9	23.9	74.8	22.052	19.0	0.0	1.8	1.8	4.2
6	18.8	28.3	22.7	80.6	21.792	18.8	0.0	18.8	18.8	2.8
7	18.2	24.6	21.8	89.5	23.133	19.8	0.8	0.0	0.8	0.4
8	18.0	26.1	22.9	81.4	23.068	19.7	0.5	2.1	2.6	1.5
9	18.6	26.3	21.5	88.6	22.697	19.5	0.0	0.0	0.0	0.1
10	19.1	25.6	21.7	88.4	23.007	19.7	21.6	0.0	21.6	0.8
11	18.4	26.1	22.2	80.3	21.459	18.4	2.3	0.0	2.3	3.6
12	18.6	28.0	22.6	81.4	22.138	19.1	0.0	0.0	0.0	3.1
13	19.1	26.4	22.1	85.3	22.410	19.3	0.0	6.2	6.2	1.6
14	18.7	25.9	21.7	85.5	22.202	19.1	0.7	0.1	0.8	3.4
15	19.2	29.6	24.1	57.0	16.746	14.7	0.0	0.0	0.0	5.9
16	18.3	31.4	25.1	62.5	18.585	16.2	0.0	0.0	0.0	7.7
17	19.6	31.1	24.8	77.3	24.094	20.5	0.0	0.0	0.0	8.6
18	19.2	27.6	24.0	79.3	23.086	19.8	0.0	0.0	0.0	6.0
19	19.6	29.1	24.5	65.2	19.878	17.2	0.0	0.0	0.0	4.6
20	20.0	31.4	25.3	62.6	19.203	16.8	0.0	0.0	0.0	6.0
21	20.0	27.1	23.8	64.7	18.710	16.4	0.0	0.0	0.0	1.0
22	18.0	29.7	23.8	62.9	18.116	15.9	0.0	0.0	0.0	5.2
23	18.4	29.3	24.2	63.0	18.016	15.8	0.0	4.5	4.5	5.6
24	16.3	25.6	20.9	73.4	18.228	15.9	0.1	0.0	0.1	2.5
25	19.0	26.4	23.3	74.8	21.580	18.5	0.1	0.0	0.1	1.0
26	18.4	25.9	22.2	86.7	22.792	19.5	2.8	58.1	58.1	1.6
27	16.6	24.1	19.8	92.7	21.447	18.6	2.0	0.0	2.8	0.2
28	16.6	28.8	23.2	76.8	21.952	19.0	0.0	0.0	0.0	7.7
29	19.0	27.6	22.0	77.3	20.586	17.9	2.5	0.0	2.5	1.5
30	17.4	28.4	21.9	79.7	21.085	18.3	0.0	0.0	0.0	7.1
31	17.4	28.8	22.6	67.4	17.823	15.2	0.0	0.0	0.0	8.6
PROM.	18.6	28.0	23.1	75.8	21.072	18.2	38.8	98.3	137.1	122.0

## M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	25.7	21.8	70.1	18.484	16.0	0.0	0.0	0.0	2.2
2	17.0	26.8	23.1	57.5	16.044	13.9	0.0	0.0	0.0	2.2
3	18.6	30.0	24.1	67.2	19.783	17.2	0.0	0.0	0.0	7.0
4	18.6	27.0	21.3	74.4	19.594	17.0	0.0	0.0	0.0	2.9
5	17.0	30.1	23.9	52.1	16.001	13.4	0.0	13.6	13.6	7.2
6	18.1	26.6	21.1	76.2	19.138	16.7	2.0	1.3	3.3	2.0
7	18.0	25.0	19.1	93.1	20.541	17.9	38.1	1.6	39.7	0.8
8	18.0	25.0	19.5	89.5	20.520	17.9	0.0	16.4	16.4	1.4
9	18.0	23.0	19.3	97.4	21.843	18.9	1.2	48.9	50.1	0.3
10	17.6	25.6	20.6	89.3	22.099	19.1	6.0	0.0	6.0	0.6
11	18.0	24.0	19.7	89.8	20.816	18.1	2.0	0.0	2.0	1.0
12	17.0	25.6	20.3	92.7	22.157	19.4	5.5	36.7	42.2	3.4
13	17.5	22.0	18.9	91.7	20.340	17.8	3.4	7.3	10.7	0.3
14	17.0	23.0	19.3	97.6	21.914	19.0	4.1	0.0	4.1	0.6
15	16.5	26.6	22.0	76.2	20.300	17.7	0.0	0.0	0.0	1.8
16	18.6	26.0	21.3	85.4	21.452	18.6	0.0	0.1	0.1	4.7
17	18.5	26.0	21.0	90.8	22.548	19.4	0.0	0.0	0.0	2.2
18	19.5	26.3	21.4	76.5	19.527	17.1	0.0	0.2	0.2	4.9
19	17.5	27.3	23.5	67.5	18.946	16.6	0.0	0.0	0.0	7.0
20	19.0	28.1	24.9	68.4	21.161	18.2	0.1	0.8	0.9	6.1
21	18.4	22.3	19.8	97.7	22.872	19.6	23.5	5.4	28.9	0.2
22	19.4	28.1	23.7	67.8	18.796	16.4	0.0	0.0	0.0	8.0
23	18.6	27.0	22.3	86.3	23.042	19.7	0.2	0.0	0.2	4.2
24	19.0	24.0	19.4	93.4	21.245	18.4	12.3	0.0	12.3	1.9
25	17.6	26.4	22.4	83.2	22.476	19.3	0.0	1.7	1.7	7.1
26	18.6	23.0	19.4	97.7	22.102	19.1	2.8	0.2	3.0	0.8
27	17.5	28.4	23.4	69.8	19.548	17.0	0.0	0.0	0.0	4.1
28	18.5	28.0	20.9	77.6	19.388	17.0	9.7	0.8	10.5	4.8
29	19.3	24.0	20.2	95.8	22.988	19.7	1.5	4.5	6.0	0.2
30	17.4	26.8	21.5	82.7	20.634	17.9	0.0	0.0	0.0	2.1
PROM.	18.0	25.9	21.3	81.8	20.543	17.8	112.4	139.5	251.9	92.0

ESTACION: LA MONTAÑA

MUNICIPIO: DCLCRES

AÑO

1.983

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	15.9	30.6	24.9	58.0	18.511	16.2	0.0	0.0	0.0	5.7
2	19.0	27.0	23.1	63.0	17.446	15.2	0.0	0.0	0.0	4.3
3	19.0	28.8	24.6	62.7	15.614	17.1	0.0	1.1	1.1	1.8
4	18.5	25.6	20.9	81.9	20.525	17.8	6.7	0.0	6.7	8.9
5	16.3	26.8	22.8	56.5	15.101	13.1	0.0	1.0	1.0	9.4
6	18.0	26.0	21.5	72.0	18.342	16.0	0.0	0.0	0.0	6.7
7	18.0	24.0	20.3	59.6	14.232	12.2	7.9	0.2	8.1	1.6
8	15.6	27.6	23.1	58.8	15.966	13.7	0.0	0.0	0.0	9.8
9	17.0	28.6	23.4	59.7	17.316	15.1	0.0	0.0	0.0	9.6
10	17.0	27.0	20.9	61.5	14.746	12.7	0.6	0.0	0.6	7.3
11	18.3	25.3	21.7	59.3	15.357	13.4	0.0	0.0	0.0	1.8
12	17.6	26.6	21.2	54.4	13.537	11.5	0.0	0.0	0.0	4.8
13	16.6	25.4	23.3	53.1	14.960	13.0	0.0	0.0	0.0	9.9
14	16.3	25.6	22.5	63.1	17.357	15.1	0.0	0.0	0.0	7.5
15	17.5	27.6	22.9	55.4	15.678	13.6	7.4	0.0	7.4	3.6
16	16.3	22.2	18.6	92.1	20.200	17.5	3.2	0.0	3.2	2.3
17	14.5	26.0	20.0	75.0	17.156	15.1	0.6	0.0	0.6	7.2
18	15.6	23.3	18.9	88.9	17.717	16.9	4.3	0.0	4.3	2.3
19	14.6	23.4	18.6	83.3	19.673	17.2	1.3	0.3	1.6	3.0
20	17.0	24.4	19.0	85.6	19.673	17.2	1.4	0.0	1.4	3.5
21	16.2	25.3	19.5	84.9	15.711	17.2	0.6	8.0	8.6	4.4
22	16.3	23.8	18.9	87.7	19.218	16.9	10.1	2.7	12.8	3.2
23	17.0	26.0	20.1	87.8	21.116	18.4	0.0	0.0	0.0	4.0
24	16.3	26.0	19.8	77.6	18.187	15.9	0.0	0.2	0.2	7.2
25	17.0	26.6	22.3	54.4	14.437	12.4	0.0	0.0	0.0	8.5
26	19.0	27.0	23.0	56.6	16.142	14.2	0.0	0.0	0.0	5.8
27	16.5	27.3	21.8	72.7	18.472	16.2	3.4	0.0	3.4	3.1
28	17.3	27.4	21.1	69.6	17.755	15.3	0.5	0.2	0.7	5.7
29	16.5	24.3	19.9	75.4	17.278	15.1	0.1	0.0	0.1	4.1
30	17.0	26.2	21.5	68.0	17.015	14.7	0.0	0.0	0.0	7.1
31	14.4	27.0	21.3	56.8	14.175	12.1	0.0	0.0	0.0	9.4
PROM.	17.0	26.2	21.3	69.0	17.298	15.0	48.1	53.0	101.1	173.5

## 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	15.3	24.2	19.9	63.4	14.544	12.5	0.0	0.4	0.4	3.6
2	16.0	26.4	20.7	58.4	14.507	12.4	0.4	0.0	0.4	5.0
3	16.0	25.0	20.2	58.8	14.187	12.2	0.0	0.0	0.0	2.0
4	15.6	24.0	19.1	76.7	16.951	14.8	0.0	0.0	0.0	3.7
5	14.0	23.6	19.3	68.2	15.166	13.0	0.3	3.0	3.3	4.3
6	13.2	23.3	20.3	82.1	15.581	17.2	0.0	0.0	0.0	2.4
7	14.0	23.6	19.1	80.2	17.844	15.6	0.2	5.3	5.5	5.0
8	14.7	23.1	18.1	84.9	18.033	15.7	0.0	0.0	0.0	4.4
9	13.3	24.4	20.1	65.7	15.712	13.4	0.0	0.0	0.0	9.5
10	15.3	26.3	21.4	55.7	13.942	11.7	0.0	0.0	0.0	4.7
11	16.0	26.8	21.9	52.9	14.093	11.9	0.0	0.0	0.0	8.3
12	14.6	26.8	21.6	60.9	16.269	13.8	0.0	1.8	1.8	8.4
13	14.6	26.0	21.3	60.0	15.712	13.5	0.0	0.0	0.0	5.1
14	17.0	25.6	21.3	47.7	12.131	9.8	0.0	0.0	0.0	8.4
15	17.0	25.6	20.6	54.0	13.235	11.1	0.0	0.0	0.0	8.2
16	17.3	25.4	19.2	66.5	15.080	12.9	1.4	0.4	1.8	4.1
17	16.4	25.6	21.5	55.1	13.533	11.4	0.1	0.0	0.1	8.1
18	14.3	28.3	21.0	59.4	16.092	12.8	0.0	0.0	0.0	8.7
19	16.3	25.0	21.5	47.4	12.315	10.0	0.0	0.0	0.0	9.6
20	19.3	23.6	21.9	52.0	13.582	11.5	0.0	0.0	0.0	3.1
21	17.0	26.0	21.5	55.2	14.406	12.3	0.0	0.0	0.0	7.7
22	16.5	26.4	21.6	56.7	14.981	12.8	0.0	1.0	1.0	8.6
23	17.5	24.0	20.7	65.7	16.042	13.7	0.0	0.0	0.0	9.3
24	18.0	24.4	23.0	53.1	14.896	12.9	0.0	0.0	0.0	8.2
25	17.0	22.0	19.8	71.1	16.570	14.5	0.0	0.0	0.0	9.3
26	17.8	23.0	21.0	60.2	14.977	13.0	0.0	1.4	1.4	5.1
27	19.5	28.0	22.6	54.5	15.015	12.9	0.0	0.0	0.0	8.4
28	15.6	24.0	19.8	70.6	15.689	13.7	0.0	0.0	0.0	4.6
29	17.0	23.0	20.3	62.0	14.909	12.9	0.0	0.0	0.0	3.7
30	16.6	27.3	21.1	53.9	13.110	11.0	0.0	0.6	0.6	4.0
PROM.	16.1	25.0	20.7	61.8	15.070	12.9	2.4	13.9	16.3	185.5

ESTACION: LA MONTAÑA

MUNICIPIO: DOLCRES

AÑO: 1.983

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	15.6	24.4	19.8	69.3	16.221	14.1	0.0	0.0	0.0	6.2
2	16.3	28.6	21.9	55.2	14.206	12.2	0.0	0.0	0.0	7.3
3	15.5	27.3	21.4	64.5	15.951	13.9	0.0	0.0	0.0	7.9
4	15.5	24.6	19.1	71.8	15.975	13.9	2.6	0.0	2.6	3.0
5	15.0	27.0	21.6	54.4	13.609	11.5	0.1	0.0	0.1	8.8
6	14.5	27.0	20.8	63.1	15.064	13.0	0.0	0.0	0.0	7.4
7	15.3	26.0	20.4	63.2	14.609	12.5	0.4	0.2	0.6	5.8
8	16.5	25.4	18.8	74.4	15.957	13.9	0.4	0.0	0.4	2.5
9	14.6	25.6	20.4	66.6	16.156	13.8	0.2	0.1	0.3	6.3
10	13.5	27.0	20.9	58.0	13.832	11.6	0.0	0.0	0.0	9.4
11	15.6	26.6	19.9	75.8	18.561	16.2	1.1	0.3	1.4	6.3
12	14.0	27.0	21.5	52.3	12.740	10.5	0.0	0.0	0.0	7.5
13	17.5	25.3	22.3	49.5	12.855	10.7	0.0	0.4	0.4	8.5
14	16.8	26.3	20.7	52.0	12.735	10.5	0.0	0.0	0.0	0.7
15	18.6	28.0	22.3	48.6	12.864	10.7	0.0	0.0	0.0	6.3
16	16.3	27.3	22.2	57.2	14.655	12.6	0.0	2.8	2.8	6.5
17	15.0	25.8	20.2	73.4	17.138	15.1	0.0	0.3	0.3	6.6
18	15.3	26.0	21.4	63.4	15.559	13.5	0.0	0.0	0.0	10.0
19	18.3	27.6	21.5	53.8	13.984	12.0	0.2	0.0	0.2	0.9
20	18.6	26.3	20.9	55.1	13.857	11.8	0.0	0.0	0.0	6.0
21	17.0	26.3	20.3	58.9	14.293	12.3	2.8	0.0	2.8	3.4
22	16.6	25.3	20.7	57.9	14.075	12.1	0.0	0.0	0.0	2.6
23	16.0	23.6	20.4	53.5	12.798	10.6	0.0	0.1	0.1	3.1
24	16.3	27.0	20.4	46.5	10.924	8.3	0.0	0.0	0.0	6.3
25	17.0	27.3	21.4	47.1	12.053	9.8	0.0	0.0	0.0	6.3
26	16.6	27.0	21.9	51.4	13.254	11.1	0.0	0.0	0.0	5.3
27	18.0	23.3	19.5	65.6	14.790	12.7	0.4	0.0	0.4	1.0
28	17.0	25.6	21.8	52.2	13.374	11.3	0.0	0.0	0.0	6.1
29	18.3	28.0	22.5	53.0	14.220	12.2	0.0	0.0	0.0	4.4
30	18.0	27.3	21.5	55.3	14.156	12.2	0.0	0.0	0.0	4.1
31	15.4	24.0	19.7	65.3	14.730	12.8	0.0	4.2	4.2	2.4
PROM.	16.3	26.3	20.9	59.1	14.363	12.2	8.4	8.4	16.8	159.1

## 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	15.0	24.0	19.9	59.7	14.270	12.2	0.0	0.4	0.4	4.0
2	14.6	27.0	20.5	59.5	14.003	12.0	0.0	0.0	0.0	8.4
3	17.1	27.0	22.0	50.5	13.188	11.1	0.0	0.0	0.0	5.9
4	14.0	28.3	21.3	55.0	12.906	10.7	0.0	0.4	0.4	7.3
5	17.5	25.4	21.8	53.9	14.018	12.0	0.0	0.0	0.0	5.4
6	17.5	26.6	21.4	55.9	14.341	12.3	0.0	0.0	0.0	2.8
7	17.5	28.8	21.5	51.8	13.225	11.1	0.0	0.0	0.0	8.7
8	14.6	24.0	20.2	61.1	14.026	11.9	0.0	0.0	0.0	0.9
9	17.0	26.2	21.0	52.0	12.759	10.6	0.0	0.0	0.0	2.6
10	17.4	27.0	20.7	49.4	12.017	9.7	0.0	0.0	0.0	8.2
11	15.3	29.0	21.5	54.5	13.479	11.4	0.3	0.0	0.3	4.1
12	18.0	27.3	21.4	59.4	15.229	13.2	0.0	0.0	0.0	3.3
13	18.0	29.3	23.8	46.4	13.499	11.4	0.0	0.0	0.0	8.7
14	19.3	29.7	23.6	44.9	12.923	10.8	0.0	0.0	0.0	8.3
15	20.0	28.9	22.8	44.7	12.544	10.3	0.0	0.0	0.0	9.1
16	18.3	27.3	23.1	50.1	14.256	12.3	0.0	1.6	1.6	7.7
17	15.5	25.3	20.0	65.4	14.606	12.5	2.7	0.0	2.7	3.3
18	18.0	25.6	19.9	59.1	13.916	11.9	1.5	0.0	1.5	2.6
19	17.0	25.6	21.2	52.4	13.421	11.3	0.0	1.6	1.6	2.8
20	14.6	26.3	20.8	53.0	12.851	10.6	0.0	0.0	0.0	6.5
21	18.6	26.0	20.4	52.0	12.758	10.5	0.0	0.0	0.0	6.0
22	16.0	26.8	20.8	53.7	13.017	10.8	0.1	0.0	0.1	6.0
23	18.0	27.3	21.8	50.7	13.150	11.1	0.0	0.0	0.0	6.3
24	17.2	26.6	21.5	51.3	13.277	11.2	0.0	0.0	0.0	2.2
25	17.0	26.0	21.0	55.2	13.538	11.4	0.0	0.0	0.0	4.9
26	18.6	27.3	22.1	51.2	13.738	11.7	0.0	0.0	0.0	6.5
27	15.5	27.7	22.3	56.0	14.482	12.4	0.0	0.0	0.0	4.4
28	18.0	25.0	19.8	73.0	17.157	15.0	0.0	0.0	0.0	1.2
29	16.0	26.4	21.5	53.0	13.115	11.0	0.0	0.0	0.0	6.0
30	15.0	29.3	22.9	48.2	13.397	11.2	0.0	0.0	0.0	7.0
31	15.3	29.1	23.6	54.0	14.494	12.3	0.0	0.0	0.0	8.2
PROM.	16.8	27.0	21.5	54.1	13.670	11.5	4.6	4.0	8.6	171.3

ESTACION: LA MONTAÑA  
 ALTITUD: 1.260

MUNICIPIO: DOLCRES AÑO: 1.983  
 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	16.4	25.0	20.7	58.9	13.858	11.6	1.5	0.0	1.5	0.8
2	16.6	25.6	22.3	49.8	13.105	11.0	0.0	2.5	2.5	6.4
3	17.0	24.0	22.5	47.5	12.762	10.6	0.0	0.0	0.0	6.9
4	15.3	28.0	23.0	52.6	14.618	12.6	6.2	0.8	7.0	2.1
5	15.5	28.8	19.9	61.0	14.300	12.2	7.1	0.4	7.5	3.7
6	16.0	26.4	22.4	50.6	13.018	10.8	0.0	2.8	2.8	3.7
7	15.0	28.0	20.9	53.7	12.309	9.8	0.0	0.0	0.0	6.1
8	14.5	25.0	19.3	64.6	14.038	11.9	0.0	0.0	0.0	2.4
9	17.0	27.6	21.5	46.2	11.796	9.4	0.0	0.0	0.0	6.9
10	16.6	29.0	21.7	44.6	11.565	9.1	0.0	0.0	0.0	5.6
11	16.0	29.0	21.5	53.3	12.786	10.4	0.0	2.7	2.7	7.0
12	14.0	27.0	20.8	48.0	11.650	9.1	0.0	0.0	0.0	6.9
13	17.0	26.6	21.3	46.1	11.638	9.2	0.0	0.0	1.0	7.0
14	17.0	28.0	21.2	52.9	13.176	11.0	0.0	1.3	1.3	3.9
15	15.3	26.0	21.0	61.1	15.000	12.8	0.9	0.0	0.9	4.5
16	17.6	26.8	22.3	50.8	13.632	11.6	0.0	0.0	0.0	3.2
17	17.0	26.3	21.9	56.1	14.779	12.8	0.0	0.0	0.0	3.4
18	15.6	27.0	22.7	54.4	14.659	12.7	0.0	0.3	0.3	5.7
19	15.4	26.4	21.3	59.9	14.298	11.8	0.1	0.0	0.1	5.0
20	15.4	28.6	22.6	46.0	12.328	10.0	0.0	1.0	1.0	7.4
21	16.0	28.2	22.5	53.6	14.252	12.2	0.0	4.6	4.6	8.5
22	13.6	21.4	17.7	74.8	15.217	12.8	3.4	0.0	3.4	3.4
23	15.6	28.0	23.5	41.0	11.758	9.3	0.0	0.0	0.0	8.7
24	18.3	27.4	22.3	51.8	13.894	11.9	0.0	1.5	1.5	8.1
25	15.0	28.0	23.3	50.0	13.845	11.7	0.0	0.0	0.0	9.6
26	16.6	29.3	23.1	51.1	14.372	12.3	0.1	0.0	0.1	8.0
27	16.0	28.6	22.8	46.5	12.752	10.5	0.0	0.0	0.0	5.7
28	17.0	27.3	21.3	49.9	12.721	10.5	1.2	0.8	2.0	4.6
29	16.6	28.3	22.7	43.8	12.064	9.7	0.0	0.0	0.0	7.5
30	18.0	27.3	22.0	49.9	13.164	11.0	0.0	0.0	0.0	5.2
PROM.	16.2	27.3	21.7	52.4	13.312	11.1	20.5	19.7	40.2	167.9

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	17.3	26.3	21.8	55.9	14.543	12.5	0.0	0.0	0.0	3.1
2	17.4	27.3	21.9	51.5	13.764	11.6	0.0	0.0	0.0	5.9
3	17.0	26.0	21.0	54.4	13.470	11.3	0.0	1.8	1.8	3.3
4	16.6	24.0	20.5	58.3	14.149	12.1	0.6	0.0	0.6	2.5
5	17.6	26.8	21.2	52.7	13.189	11.0	0.0	0.1	0.1	6.4
6	17.3	28.0	22.4	45.9	12.225	9.9	0.0	0.0	0.0	9.6
7	17.6	26.3	22.3	45.1	12.065	9.7	0.0	0.0	0.0	2.1
8	17.4	27.3	22.1	50.6	13.164	11.0	0.1	0.0	0.1	3.8
9	16.3	28.3	22.3	55.4	14.658	12.2	0.0	0.0	0.0	6.0
10	16.6	29.4	22.9	53.5	14.235	11.6	0.0	0.0	0.0	8.6
11	15.3	26.3	22.0	58.6	14.877	12.6	0.2	0.0	0.2	3.1
12	17.3	25.8	21.9	61.0	15.859	13.7	0.6	0.2	0.8	2.0
13	15.0	20.6	18.0	77.3	16.273	14.1	29.3	0.0	29.3	0.2
14	16.3	23.6	19.2	85.6	19.123	16.7	0.9	3.3	4.2	1.4
15	15.0	20.8	16.8	87.9	17.003	14.9	3.1	28.5	31.6	1.9
16	13.6	18.0	16.3	87.8	16.325	14.3	0.0	0.8	0.8	0.1
17	14.5	26.0	20.3	71.6	16.590	14.4	0.0	0.0	0.0	6.0
18	15.6	25.6	20.8	74.0	18.009	15.7	0.0	0.5	0.5	6.0
19	15.6	21.6	18.1	84.2	17.348	15.3	5.5	58.2	63.7	1.6
20	14.6	22.6	17.3	80.9	15.779	13.8	8.4	0.0	8.4	2.0
21	14.6	24.3	18.8	78.6	16.769	14.7	0.0	0.0	0.0	4.3
22	15.3	26.2	20.0	78.1	18.129	15.9	1.2	4.3	5.5	6.5
23	15.0	24.3	19.1	87.0	19.041	16.7	0.0	0.0	0.0	6.0
24	16.0	25.3	21.4	61.7	15.550	13.3	0.0	0.0	0.0	3.9
25	16.3	24.3	20.9	64.4	15.979	13.9	0.0	0.0	0.0	0.7
26	16.3	23.1	17.9	87.3	17.823	15.7	15.4	0.2	15.6	1.3
27	14.2	22.6	18.5	75.9	15.946	13.9	3.1	0.0	3.1	2.7
28	15.0	23.3	19.3	67.1	15.007	12.7	2.7	0.0	2.7	1.6
29	16.3	27.0	21.6	49.9	12.455	10.2	0.0	0.0	0.0	7.2
30	13.6	20.6	17.3	91.5	18.048	15.9	0.1	7.2	7.3	2.4
31	16.0	22.0	18.4	85.4	18.169	16.0	0.4	0.4	0.8	5.8
PROM.	15.9	24.6	20.1	68.4	15.663	13.5	71.6	105.5	177.1	118.0

ESTACION: LA MONTAÑA

MUNICIPIO: OCLCRES

AÑO: 1.983

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	14.9	23.8	18.5	84.6	17.869	15.7	0.9	0.0	0.9	4.7
2	16.0	24.0	18.4	80.3	16.717	14.7	9.6	0.0	9.6	4.6
3	15.0	23.5	19.7	72.0	16.103	13.9	0.4	0.0	0.4	5.4
4	15.8	25.8	20.9	68.2	16.403	14.2	0.0	0.0	0.0	7.3
5	16.0	26.8	21.1	67.3	17.319	14.8	0.0	0.0	0.0	8.4
6	16.2	25.0	19.9	76.2	17.842	15.7	0.0	0.0	0.0	2.4
7	15.9	23.2	19.2	79.0	17.685	15.5	0.8	0.0	0.8	2.3
8	16.2	22.8	19.3	80.5	18.236	16.0	1.0	21.9	22.9	1.5
9	14.8	22.5	17.7	88.9	18.155	15.9	10.4	16.8	27.2	1.3
10	15.2	24.2	18.4	85.0	17.884	15.7	32.7	11.0	43.7	3.4
11	16.8	20.5	18.3	85.6	18.012	15.9	3.8	22.8	26.6	1.4
12	16.2	24.5	19.5	87.8	19.682	17.3	0.3	0.0	0.3	5.5
13	15.2	25.0	20.7	82.5	19.789	17.3	0.8	11.1	11.9	6.6
14	15.2	22.0	19.4	86.4	19.554	17.1	32.9	16.8	49.7	1.0
15	15.3	23.6	18.6	77.5	16.703	14.6	0.7	0.0	0.7	3.0
16	16.0	24.5	19.3	77.7	17.743	15.4	0.0	1.2	1.2	5.2
17	16.2	22.6	18.1	91.0	19.143	16.8	13.7	0.0	13.7	2.4
18	15.2	25.8	21.6	60.1	14.586	12.5	0.0	0.5	0.5	9.1
19	18.0	26.0	21.6	51.7	13.360	11.2	0.0	0.1	0.1	7.9
20	17.8	28.0	23.0	50.3	14.085	12.1	0.0	0.0	0.0	6.0
21	17.8	26.5	20.9	59.0	14.451	12.4	0.0	0.0	0.0	7.9
22	17.8	26.0	20.9	60.4	14.943	13.0	0.0	0.0	0.0	5.7
23	15.8	27.0	21.3	68.9	17.229	15.1	0.0	1.7	1.7	8.9
24	14.8	23.5	17.7	82.7	17.170	15.1	0.0	1.7	1.7	7.1
25	16.2	26.5	21.0	64.9	15.949	13.7	0.0	0.0	0.0	9.5
26	17.2	25.8	21.6	50.4	12.905	10.7	0.0	0.0	0.0	3.6
27	19.6	25.8	21.5	48.2	12.407	10.1	0.0	0.0	0.0	5.1
28	17.2	24.8	18.8	80.7	17.656	15.3	0.0	0.0	0.0	1.9
29	14.8	19.8	15.6	85.7	15.463	13.3	48.4	0.0	48.4	2.2
30	13.8	22.8	18.7	82.8	17.368	15.2	7.1	5.6	12.7	
PROM.	16.1	24.4	19.7	73.9	16.747	14.5	163.5	111.2	274.7	43.7

## M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	23.8	19.3	94.0	21.076	18.3	8.6	0.0	8.6	2.1
2	17.0	26.0	20.3	92.4	21.605	18.7	0.1	1.3	1.4	5.4
3	16.0	26.2	20.0	91.9	21.477	18.6	1.1	46.2	47.3	5.3
4	15.0	25.8	19.5	94.1	21.537	18.7	5.8	4.8	10.6	1.3
5	14.0	22.0	16.0	87.3	15.898	13.9	5.6	20.1	25.7	1.8
6	14.2	20.5	16.4	91.0	16.945	14.9	0.0	58.8	58.8	2.8
7	13.0	22.0	16.6	85.7	16.107	14.1	7.2	7.4	14.6	4.3
8	14.2	22.5	16.7	87.7	16.695	14.7	0.0	19.9	19.9	3.9
9	15.2	20.2	17.1	90.6	17.730	15.6	6.7	24.3	31.0	1.0
10	14.0	21.0	17.1	86.1	16.825	14.8	0.1	0.0	0.1	1.7
11	14.8	21.6	18.1	90.2	18.709	16.4	0.0	105.2	105.2	0.3
12	13.2	21.2	16.5	87.0	16.471	14.4	0.2	38.5	38.7	2.5
13	13.0	22.5	17.0	90.6	17.430	15.3	47.7	0.4	48.1	2.0
14	14.0	22.2	17.4	84.5	16.632	14.6	0.1	0.0	0.1	2.2
15	13.9	20.5	16.0	87.0	15.768	13.8	27.5	0.0	27.5	1.6
16	15.5	23.5	17.6	85.0	17.348	15.2	1.3	0.0	1.3	3.0
17	14.3	18.8	16.0	94.4	17.482	15.4	13.9	0.0	13.9	0.2
18	13.5	23.2	18.1	70.7	14.412	12.3	0.0	0.0	0.0	3.8
19	15.2	23.0	19.1	80.5	17.608	15.4	4.0	0.0	4.0	0.3
20	15.0	19.8	16.6	95.6	17.965	15.8	0.0	0.0	0.0	0.6
21	14.8	23.2	18.0	87.3	18.244	16.0	0.0	0.0	0.0	0.6
22	15.0	25.2	20.2	61.5	14.147	12.1	0.0	0.0	0.0	0.8
23	17.0	24.7	20.6	54.9	13.317	11.2	0.0	0.0	0.0	2.9
24	15.2	25.0	20.0	63.2	14.489	12.5	0.0	0.0	0.0	5.1
25	15.0	26.0	20.6	63.4	14.966	13.0	0.0	0.0	0.0	2.3
26	14.6	22.5	18.2	80.9	16.531	14.4	0.9	0.0	0.9	2.3
27	14.0	23.5	17.8	83.5	17.348	15.1	4.5	0.0	4.5	3.7
28	14.6	25.0	18.8	77.3	17.515	15.1	0.0	0.0	0.0	2.9
29	14.9	25.5	20.3	71.0	16.614	14.6	0.1	0.0	0.1	4.1
30	14.8	23.5	17.3	90.1	18.492	16.2	0.1	13.4	13.5	1.2
31	15.0	22.5	17.1	89.8	17.734	15.6	0.0	50.1	50.1	2.5
PROM.	14.6	23.0	18.1	83.5	17.263	15.1	135.5	390.4	525.9	77.2

ESTACION: LA MONTAÑA

MUNICIPIO DOLCRES

AÑO: 1.983

ALTITUD: 1.260

LATITUD: 3-33 N.

LONGITUD: 74-54 W.

MESES	TEMPERATURA °C					Humedad relativa o/o	Tensión vapor mb.	Punto roció °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días Hluvias	
	ENERO	17.8	27.5	22.5	16.0				31.2	74.0	
FEBRERO	18.1	28.2	23.2	16.6	32.3	68.8	15.177	16.7	63.2	10	166.8
MARZO	18.6	28.0	23.1	16.6	31.4	75.8	21.072	18.2	137.1	16	122.0
ABRIL	18.0	25.9	21.3	16.5	30.1	81.8	20.543	17.8	251.9	20	92.0
MAYO	17.0	26.2	21.3	14.4	30.6	69.0	17.298	15.0	101.1	17	173.5
JUNIO	16.1	25.0	20.7	13.2	28.3	61.8	15.070	12.9	16.3	10	185.5
JULIO	16.3	26.3	20.9	13.5	28.6	59.1	14.363	12.2	16.8	14	159.1
AGOSTO	16.8	27.0	21.5	14.0	29.7	54.1	13.670	11.5	8.6	8	171.3
SEPTIEMBRE	16.2	27.3	21.7	13.6	29.3	52.4	13.312	11.1	40.2	17	167.9
OCTUBRE	15.9	24.6	20.1	13.6	29.4	68.4	15.663	13.5	177.1	19	118.0
NOVIEMBRE	16.1	24.4	19.7	13.8	28.0	73.9	16.747	14.5	274.7	20	143.7
DICIEMBRE	14.6	23.0	18.1	13.0	26.2	83.5	17.263	15.1	525.9	23	77.2
PROMEDIO	16.8	26.1	21.2	14.6	29.6	68.6	16.992	14.6			
TOTAL									1734.6	182	1739.7

ESTACION: SUBESTACION ALBAN

MUNICIPIO: EL CAIRO

AÑO: 1.983

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	14.1	25.9	19.9	50.9	18.550	16.3	0.0	0.0	0.0	
2	15.8	25.8	19.2	81.5	18.179	16.0	3.7	0.0	3.7	
3	15.6	24.7	20.4	77.8	18.400	16.2	0.0	0.0	0.0	1.7
4	15.6	24.8	20.5	79.1	18.440	16.2	0.0	0.0	0.0	2.1
5	15.5	25.0	20.3	80.6	18.845	16.5	0.0	0.1	0.1	1.0
6	16.5	26.6	21.2	75.9	18.777	16.5	0.0	0.0	0.0	5.2
7	16.9	26.7	21.0	78.2	19.378	17.0	8.8	0.9	9.7	3.5
8	17.8	25.7	21.0	81.0	19.986	17.5	0.0	0.0	0.0	4.7
9	17.7	26.5	20.1	84.4	19.843	17.4	0.0	0.0	0.0	6.1
10	16.7	27.0	20.6	80.4	19.136	16.8	0.0	0.4	0.4	6.1
11	18.0	29.0	22.3	72.6	18.730	16.3	0.0	0.0	0.0	6.5
12	18.2	24.4	20.6	82.9	20.108	17.6	2.3	0.0	2.3	0.2
13	17.6	27.0	21.0	78.7	19.609	17.2	0.3	0.0	0.3	6.2
14	17.7	26.9	21.0	82.7	20.486	17.9	0.0	0.0	0.0	6.8
15	17.3	28.2	21.2	78.0	19.510	17.1	0.0	0.0	0.0	8.1
16	17.5	27.0	20.3	83.3	19.640	17.2	0.0	0.0	0.0	5.3
17	16.8	27.3	21.2	76.6	18.716	16.4	0.0	0.0	0.0	8.4
18	16.6	25.9	21.6	77.1	19.503	17.1	0.0	0.0	0.0	5.6
19	16.2	27.6	21.4	79.4	19.659	17.2	0.0	0.0	0.0	5.7
20	16.3	27.6	22.2	73.1	18.963	16.6	0.0	0.0	0.0	7.6
21	16.7	27.8	22.0	75.2	19.187	16.8	0.0	0.0	0.0	6.5
22	18.0	26.8	22.0	78.6	20.599	18.0	0.0	0.0	0.0	8.2
23	16.4	27.3	21.5	75.8	18.746	16.4	0.0	0.0	0.0	
24	16.4	26.5	21.5	76.4	19.123	16.8	0.0	0.0	0.0	7.1
25	15.9	28.5	21.3	76.6	18.994	16.7	0.0	0.0	0.0	7.3
26	16.7	26.3	21.1	81.5	19.993	17.5	0.0	5.0	5.0	3.0
27	17.7	25.3	21.2	80.4	19.941	17.4	3.1	0.0	3.1	0.8
28	17.0	26.4	21.3	77.4	19.387	16.9	0.0	0.6	0.6	7.2
29	16.2	27.4	21.3	76.8	18.863	16.5	0.0	0.0	0.0	4.4
30	15.0	26.5	20.6	77.8	18.233	16.0	0.0	13.3	13.3	5.1
31	17.6	24.2	20.2	82.8	19.428	17.1	2.2	0.0	2.2	1.6
PROM.	16.7	26.5	21.0	78.8	19.258	16.9	20.4	20.3	40.7	

## 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	17.6	26.0	21.5	78.1	19.674	17.2	0.0	0.0	0.0	5.5
2	16.6	27.7	21.7	75.1	18.648	16.3	0.0	0.0	0.0	5.9
3	17.0	28.3	21.7	76.8	19.349	16.9	0.0	0.0	0.0	5.9
4	16.3	28.5	20.8	76.6	18.259	16.0	0.0	21.8	21.8	4.5
5	16.8	24.0	20.0	79.8	18.371	16.1	0.1	0.0	0.1	2.6
6	16.3	26.7	20.2	80.1	18.559	16.3	3.0	0.0	0.0	6.7
7	16.8	25.5	19.3	81.1	17.861	15.6	9.6	2.1	11.7	1.2
8	14.8	27.1	20.0	78.5	17.763	15.6	0.0	0.0	0.0	7.7
9	17.0	26.3	20.8	77.3	18.632	16.3	0.0	0.0	0.0	5.2
10	17.4	25.0	20.5	78.6	18.598	16.3	0.0	0.0	0.0	7.6
11	15.2	25.0	20.3	79.9	18.619	16.4	0.0	0.0	0.0	5.5
12	16.7	24.5	20.5	80.2	19.160	16.8	0.0	0.0	0.0	4.7
13	14.8	26.0	20.7	74.3	17.342	15.2	0.0	0.0	0.0	8.5
14	14.6	27.6	20.7	72.4	16.963	14.9	0.0	0.0	0.0	7.3
15	14.1	29.5	21.5	74.6	17.848	15.5	0.0	0.0	0.0	9.0
16	17.0	30.6	22.3	70.1	17.611	15.1	0.0	0.0	0.0	5.9
17	16.9	25.9	21.3	78.2	19.265	16.9	0.0	0.0	0.0	6.9
18	17.0	26.0	20.4	83.2	19.667	17.2	3.0	7.2	10.2	4.0
19	16.2	27.7	21.2	81.3	19.950	17.4	0.0	1.7	1.7	8.2
20	16.9	28.9	21.3	80.9	19.939	17.4	0.0	0.0	0.0	7.9
21	17.2	27.8	22.2	73.7	19.154	16.8	0.0	0.0	0.0	6.0
22	17.2	29.1	21.6	76.0	19.356	16.9	0.0	0.0	0.0	7.1
23	18.2	27.9	21.5	82.9	21.152	18.4	0.0	0.0	0.0	4.1
24	16.6	26.0	21.7	75.6	19.015	16.6	0.0	0.0	0.0	5.8
25	16.6	29.8	20.9	82.8	20.300	17.7	0.0	0.0	0.0	6.2
26	16.9	30.1	21.3	80.8	20.010	17.4	0.0	0.0	0.0	7.5
27	16.6	25.8	20.8	79.2	19.250	16.9	0.0	0.0	0.0	7.0
28	17.3	30.3	23.0	69.6	18.270	15.7	0.0	0.0	0.0	5.7
PROM.	16.5	27.3	21.1	77.8	18.879	16.5	12.7	32.8	45.5	170.1

ESTACION: SUBESTACION ALBAN

MUNICIPIO: EL CAIRO

AÑO: 1.983

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	18.8	27.0	21.8	77.9	20.175	17.6	0.0	1.1	1.1	2.9
2	18.5	24.2	20.9	83.8	20.664	18.0	0.3	0.0	0.3	1.1
3	17.6	27.3	20.5	80.5	19.272	16.9	0.0	0.0	0.0	1.8
4	16.5	25.5	20.8	80.5	19.490	17.1	0.0	0.0	0.0	7.3
5	16.3	26.8	21.2	77.7	19.080	16.7	0.0	0.1	0.1	3.0
6	17.9	23.8	20.6	79.8	19.188	16.8	1.9	1.0	2.9	3.5
7	17.0	25.9	20.5	79.9	19.077	16.7	0.0	0.0	0.0	3.7
8	17.1	24.5	20.8	76.4	18.539	16.3	0.0	0.0	0.0	3.0
9	16.7	26.2	20.8	81.3	19.433	17.0	0.2	0.0	0.2	3.6
10	18.1	25.3	20.6	82.3	20.334	17.8	42.0	0.0	42.0	0.0
11	16.4	28.0	21.5	76.3	18.863	16.5	0.0	0.0	0.0	6.1
12	17.1	26.2	21.3	80.7	20.210	17.7	0.0	0.0	0.0	5.9
13	17.0	26.6	21.3	80.5	20.042	17.5	0.0	0.0	0.0	6.0
14	16.9	27.1	21.1	79.9	19.577	17.1	0.0	0.0	0.0	1.3
15	15.8	27.2	20.8	78.1	18.615	16.3	0.0	0.0	0.0	6.2
16	18.0	27.2	21.7	77.6	19.821	17.3	0.0	0.0	0.0	6.3
17	18.3	24.2	20.4	82.3	19.536	17.1	0.0	0.0	0.0	1.6
18	15.2	27.0	20.8	77.8	18.608	16.3	0.0	0.0	0.0	6.7
19	18.4	27.3	22.3	73.7	19.605	17.2	0.0	0.0	0.0	7.4
20	16.6	28.2	21.7	74.8	18.887	16.6	0.0	0.0	0.0	6.8
21	16.1	25.7	21.3	77.6	19.168	16.8	0.0	0.0	0.0	4.7
22	16.5	27.7	21.3	77.9	19.252	16.9	0.0	0.0	0.0	6.9
23	16.7	27.5	21.0	78.6	19.191	16.9	0.4	0.5	0.9	5.4
24	17.0	25.8	20.9	79.0	19.124	16.8	1.2	10.3	11.5	3.0
25	17.6	22.2	19.1	86.9	19.190	16.8	13.9	0.8	14.7	1.6
26	18.0	23.5	19.9	81.9	18.938	16.6	3.5	15.0	18.5	2.0
27	16.0	27.8	21.1	74.2	17.952	15.7	0.8	2.4	3.2	2.1
28	15.6	27.5	21.7	75.7	19.330	16.9	0.0	0.0	0.0	5.7
29	15.8	26.4	21.0	78.4	18.976	16.7	0.0	1.0	1.0	5.4
30	15.5	28.5	21.7	71.6	17.721	15.5	0.0	0.0	0.0	6.9
31	17.0	27.8	21.5	75.9	18.981	16.5	0.0	0.0	0.0	8.2
PROM.	17.0	26.3	21.0	78.7	19.253	16.9	64.2	32.2	96.4	136.1

## 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	16.2	27.6	21.1	76.0	18.407	16.2	0.0	0.0	0.0	0.6
2	15.9	26.2	21.4	74.8	18.562	16.2	3.6	0.0	3.6	6.1
3	17.8	26.1	21.6	76.4	19.541	17.1	0.7	0.0	0.7	5.2
4	16.6	27.2	22.0	74.6	19.077	16.7	0.0	0.0	0.0	0.8
5	16.7	25.3	20.7	82.5	20.124	17.6	0.0	4.2	4.2	3.5
6	17.3	24.5	20.4	85.7	20.418	17.8	0.3	13.8	14.1	2.3
7	18.0	20.0	18.3	93.6	19.714	17.3	9.8	0.0	9.8	0.0
8	14.8	28.4	21.1	71.8	16.798	14.5	0.1	0.0	0.1	6.7
9	16.9	24.3	19.8	80.3	18.521	16.2	10.5	2.5	13.0	0.4
10	16.5	26.6	20.7	74.8	17.911	15.7	0.1	0.0	0.1	2.1
11	16.6	25.6	20.7	78.0	18.752	16.4	1.1	0.0	1.1	2.3
12	16.5	25.7	20.6	78.9	18.756	16.5	0.0	0.0	0.0	1.6
13	16.5	23.8	19.9	86.1	19.628	17.2	19.5	0.8	20.3	0.3
14	16.7	26.7	21.6	77.0	19.355	17.0	0.9	0.4	1.3	1.8
15	17.1	26.0	21.0	77.2	18.818	16.5	0.2	19.4	19.6	5.1
16	17.4	25.2	20.5	82.1	19.495	17.1	1.0	0.0	1.0	2.1
17	16.0	24.3	20.2	83.0	19.435	17.1	0.4	2.5	2.9	1.7
18	17.2	24.0	19.2	91.6	20.595	18.0	10.3	0.0	10.3	0.5
19	14.5	27.7	20.7	80.6	19.163	16.8	0.0	0.0	0.0	7.7
20	17.8	26.3	20.7	80.5	19.718	17.3	7.5	6.7	14.2	4.4
21	16.8	24.2	20.5	82.9	19.585	17.1	3.1	5.0	8.1	0.1
22	17.2	25.2	21.0	79.8	19.434	17.0	0.0	0.0	0.0	4.4
23	17.4	26.8	21.8	75.6	19.224	16.8	0.0	0.5	0.5	6.8
24	16.5	26.3	21.3	70.3	17.140	15.0	0.3	0.0	0.3	4.1
25	16.0	25.7	20.9	76.2	18.700	16.4	0.0	0.0	0.0	4.8
26	16.9	24.5	20.6	78.4	19.008	16.7	5.7	0.7	6.4	0.9
27	17.1	27.0	20.8	77.9	18.850	16.6	0.4	1.1	1.5	3.3
28	16.6	24.5	20.1	80.8	18.876	16.6	0.2	0.0	0.2	0.0
29	14.6	24.7	19.4	75.6	16.657	14.6	0.5	3.1	3.6	2.4
30	16.3	27.5	21.4	75.4	18.751	16.5	0.0	9.5	9.5	6.0
PROM.	16.6	25.6	20.7	79.3	18.970	16.6	76.2	70.2	146.4	88.0

ESTACION: SUBESTACION ALBAN 2 MUNICIPIO: EL CAIRO AÑO: 1.983  
 ALTITUD: 1.400 LATITUD: 4-4c N. LONGITUD: 76-13 w.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	27.5	21.2	68.7	16.636	14.5	1.3	0.0	1.3	6.1
2	16.4	27.0	21.6	76.6	19.258	16.9	0.1	10.7	10.8	4.4
3	16.1	27.4	21.0	79.1	19.305	16.9	0.0	4.4	4.4	5.4
4	16.7	26.0	21.1	78.2	19.242	16.8	0.1	0.0	0.1	3.7
5	17.1	27.0	21.4	76.5	19.163	16.8	0.0	0.7	0.7	7.2
6	16.5	25.6	21.1	80.6	19.761	17.3	0.0	0.0	0.0	2.9
7	16.7	26.4	20.6	81.0	19.468	17.1	2.9	0.0	2.9	1.7
8	15.6	28.3	21.6	78.0	19.437	17.0	0.3	0.0	0.3	7.0
9	15.6	28.0	21.2	81.5	20.070	17.5	0.0	14.0	14.0	9.2
10	16.8	27.0	20.8	81.8	19.851	17.4	0.0	0.0	0.0	7.9
11	16.7	27.5	21.6	78.7	20.078	17.5	0.0	1.6	1.6	3.3
12	17.7	25.8	21.2	78.7	19.613	17.2	6.5	0.0	6.5	4.9
13	15.5	26.0	21.6	76.8	19.720	17.2	0.0	0.0	0.0	7.3
14	15.7	27.3	21.0	81.4	19.737	17.2	1.0	1.1	2.1	4.3
15	17.9	26.9	21.8	77.6	19.996	17.4	0.0	2.8	2.8	6.5
16	17.7	26.5	20.9	77.6	18.994	16.6	1.2	1.2	2.4	3.4
17	16.7	26.0	20.5	79.7	19.026	16.7	0.0	32.7	32.7	5.7
18	17.1	22.7	20.0	87.3	20.293	17.8	1.1	0.0	1.1	0.0
19	16.8	27.2	19.9	81.8	19.065	16.7	1.4	0.1	1.5	2.4
20	16.3	28.9	21.3	81.4	20.163	17.6	0.2	0.0	0.2	3.7
21	17.3	24.5	20.1	85.5	20.231	17.7	10.8	2.0	12.8	0.9
22	16.0	27.0	21.2	73.2	18.189	16.0	0.0	0.0	0.0	4.8
23	15.5	25.8	20.8	77.9	18.830	16.5	0.0	5.6	5.6	6.3
24	17.6	26.6	21.8	75.6	19.744	17.3	0.0	0.0	0.0	4.1
25	17.6	25.2	21.5	76.1	19.219	16.8	0.0	0.0	0.0	5.1
26	17.1	25.5	20.9	77.4	19.338	17.0	1.0	9.2	10.2	3.8
27	16.7	24.5	21.0	75.2	18.202	16.0	0.0	0.0	0.0	5.7
28	18.1	25.9	19.4	85.5	19.413	17.0	4.4	5.8	10.2	0.0
29	16.1	25.8	20.4	75.9	17.675	15.5	0.0	0.0	0.0	5.1
30	16.6	27.4	21.5	75.8	18.854	16.6	0.9	0.0	0.9	4.6
31	16.4	26.3	21.2	76.4	18.814	16.5	0.0	0.0	0.0	6.2
PROM.	16.7	26.4	21.0	78.6	19.272	16.9	33.2	91.9	125.1	143.8

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.2	25.4	20.8	78.3	18.755	16.5	0.0	0.7	0.7	2.5
2	18.0	26.3	21.2	79.4	19.711	17.2	0.1	2.1	2.2	5.5
3	17.0	23.5	20.2	82.2	19.349	16.9	4.0	0.1	4.1	0.9
4	17.0	23.8	20.4	79.0	18.637	16.4	0.0	4.4	4.4	1.5
5	16.3	24.8	20.6	77.6	18.481	16.2	0.0	0.0	0.0	1.2
6	17.4	25.2	20.4	79.8	19.080	16.7	4.2	0.0	4.2	5.3
7	17.3	25.2	20.4	72.7	17.457	15.4	0.2	10.6	10.8	4.8
8	17.2	23.2	18.8	81.0	17.599	15.5	8.0	0.9	8.9	0.3
9	13.7	28.4	21.0	73.6	17.395	15.3	0.0	0.0	0.0	8.3
10	16.6	28.4	22.1	72.5	18.418	16.1	0.0	0.0	0.0	7.8
11	15.7	23.8	20.7	79.8	19.313	17.0	0.0	0.0	0.0	1.4
12	13.8	27.5	20.7	75.4	17.654	15.5	0.0	0.0	0.0	7.2
13	15.4	25.5	20.9	77.9	18.905	16.6	1.1	0.0	1.1	6.3
14	17.5	29.9	22.4	66.3	17.224	14.9	0.0	0.0	0.0	8.6
15	15.4	27.5	21.2	76.7	18.698	16.4	0.0	0.0	0.0	6.5
16	15.8	26.7	21.2	77.8	19.007	16.6	1.2	7.5	8.7	5.5
17	17.4	24.8	20.5	77.6	18.505	16.2	2.2	0.0	2.2	3.7
18	14.8	26.7	22.1	70.7	17.776	15.6	0.0	0.0	0.0	9.0
19	17.3	27.9	22.4	72.2	18.953	16.6	0.0	0.0	0.0	7.0
20	17.1	25.8	21.0	79.3	19.614	17.1	0.0	0.0	0.0	0.9
21	15.8	30.2	22.4	67.0	17.270	14.9	0.0	0.0	0.0	9.2
22	15.8	27.9	20.9	77.5	18.761	16.4	3.7	0.0	3.7	6.0
23	15.3	28.9	23.0	55.4	17.104	14.7	0.0	0.0	0.0	7.3
24	16.3	27.5	20.7	77.3	18.402	16.2	0.0	0.0	0.0	7.3
25	14.1	27.8	20.8	72.3	16.860	14.8	0.0	2.8	2.8	9.2
26	16.6	26.5	21.8	70.2	17.489	15.3	0.0	0.0	0.0	6.7
27	16.5	27.5	21.1	74.7	18.263	16.0	0.0	0.0	0.0	6.3
28	16.6	24.3	19.5	83.3	18.763	16.5	12.1	0.0	12.1	3.4
29	15.2	26.3	20.3	73.1	16.799	14.7	0.0	0.0	0.0	2.4
30	14.9	25.1	18.7	80.7	17.537	15.4	8.3	0.0	8.3	6.4
PROM.	16.1	26.4	20.9	75.7	18.259	16.0	45.1	29.1	74.2	158.4

ESTACION: SUBESTACION ALBAN

MUNICIPIO: EL CAIRO

AÑO:

1.983

ALTITUD: 1.400

LATITUD: 4-46 N.

LONGITUD: 76-13 W.

## M E S - J U L I O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	26.9	19.9	77.8	17.563	15.4	0.0	0.0	0.0	3.8
2	17.2	26.8	20.4	78.8	18.651	16.4	0.0	0.0	0.0	5.1
3	15.9	25.3	23.2	65.2	17.305	15.1	0.0	0.0	0.0	7.9
4	16.7	25.9	20.5	78.1	18.725	16.5	1.2	1.2	2.4	5.0
5	17.1	25.2	20.2	81.1	19.157	16.7	1.5	0.0	1.5	3.1
6	14.3	27.9	21.3	67.0	15.998	14.0	0.0	0.0	0.0	8.9
7	15.8	26.8	21.1	74.8	17.988	15.8	0.0	1.4	1.4	7.5
8	16.7	26.5	20.5	82.0	19.541	17.1	3.7	13.0	16.7	4.3
9	15.3	25.9	19.8	77.1	17.368	15.2	0.7	3.8	4.5	2.9
10	15.6	24.4	20.1	74.4	16.998	15.0	0.0	0.0	0.0	4.4
11	15.7	24.6	20.2	79.0	18.228	16.0	0.0	0.0	0.0	5.1
12	14.9	29.4	21.6	67.6	15.824	13.4	0.0	0.0	0.0	8.1
13	15.2	27.9	20.9	77.7	18.734	16.4	0.0	0.0	0.0	8.2
14	16.9	27.2	21.2	77.0	18.779	16.5	0.0	0.0	0.0	7.7
15	17.6	28.9	21.4	73.3	17.971	15.6	0.0	0.5	0.5	5.9
16	16.2	27.8	20.8	75.9	18.145	15.9	1.1	0.0	1.1	6.1
17	15.9	28.3	22.0	65.5	16.496	14.4	0.0	0.0	0.0	7.2
18	14.2	29.8	21.1	75.9	18.079	15.8	0.0	0.0	0.0	9.9
19	15.9	27.0	20.9	79.7	15.127	16.7	0.0	0.0	0.0	4.4
20	17.0	29.9	22.8	72.8	18.783	16.1	0.0	0.0	0.0	9.6
21	16.5	26.6	21.3	75.9	18.567	16.3	0.0	0.0	0.0	6.2
22	17.5	25.0	19.9	80.4	18.511	16.2	0.0	0.6	0.6	0.6
23	16.6	25.1	19.8	76.2	17.145	14.9	0.8	0.0	0.8	3.1
24	13.9	29.4	21.2	65.2	14.553	11.7	0.0	0.0	0.0	9.5
25	13.1	30.6	21.9	61.3	14.360	11.6	0.0	0.0	0.0	10.2
26	14.5	29.6	22.2	65.6	15.748	13.1	0.0	0.0	0.0	9.3
27	14.4	24.8	20.0	73.6	16.523	14.5	0.0	0.0	0.0	2.3
28	14.4	27.8	20.5	74.7	17.235	15.1	0.0	0.0	0.0	4.0
29	15.9	26.9	20.3	75.0	17.635	15.5	0.0	0.8	0.8	5.2
30	16.0	25.0	20.7	73.6	17.583	15.4	0.0	0.4	0.4	1.8
31	16.7	24.2	20.0	81.3	18.641	16.4	6.5	0.4	6.9	4.2
PROM.	15.7	27.1	20.9	74.3	17.613	15.3	15.5	22.1	37.6	181.5

## M E S - A G O S T O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	26.3	20.1	77.0	17.801	15.7	0.2	2.0	2.2	6.0
2	15.5	24.8	19.3	77.8	16.941	14.9	11.7	0.0	11.7	5.3
3	15.5	25.8	20.4	79.7	18.433	16.1	5.4	0.0	5.4	4.2
4	15.4	26.9	20.9	77.3	18.613	16.4	0.0	1.8	1.8	4.9
5	15.3	23.8	18.3	90.3	18.951	16.6	12.6	0.0	12.6	1.2
6	14.8	23.5	19.1	77.7	16.650	14.6	0.0	0.3	0.3	7.4
7	15.6	29.9	21.7	69.9	16.851	14.5	0.0	0.0	0.0	8.3
8	14.9	26.3	21.4	68.9	17.005	14.9	0.0	0.0	0.0	8.6
9	13.3	28.8	21.1	72.4	16.712	14.4	0.0	0.0	0.0	7.9
10	15.1	29.5	21.8	67.9	16.570	14.3	0.0	0.0	0.0	8.6
11	12.8	28.0	20.4	75.4	17.027	14.9	0.0	0.4	0.4	9.5
12	16.4	27.0	20.5	78.5	18.529	16.2	0.3	0.0	0.3	4.0
13	14.2	31.0	21.5	72.8	17.156	14.7	0.0	4.0	4.0	8.7
14	14.3	29.7	21.7	69.2	16.214	13.4	0.0	0.0	0.0	9.0
15	16.2	29.0	22.0	71.1	17.402	14.8	0.0	0.0	0.0	8.2
16	15.6	28.9	21.8	74.2	18.657	16.3	0.0	0.0	0.0	6.8
17	15.2	29.7	21.0	71.9	16.887	14.6	8.6	0.0	8.6	7.1
18	15.7	24.7	19.4	84.5	18.763	16.5	8.5	0.0	8.5	1.7
19	15.7	28.6	21.5	72.5	17.408	15.0	0.0	0.0	0.0	6.0
20	14.2	28.8	21.8	66.7	15.916	13.1	0.0	0.0	0.0	7.1
21	16.6	27.5	20.7	78.2	18.762	16.4	4.7	2.6	7.3	4.7
22	15.5	29.2	22.0	69.0	16.926	14.5	0.0	0.0	0.0	7.8
23	17.0	24.9	20.4	76.1	18.225	16.0	0.0	1.0	1.0	5.2
24	16.5	24.5	19.2	85.8	18.940	16.6	0.1	0.0	0.1	4.1
25	16.2	25.3	19.0	84.9	18.650	16.4	0.6	0.0	0.6	3.9
26	15.4	25.3	19.4	83.2	18.624	16.4	0.0	0.0	0.0	3.5
27	14.7	26.0	19.9	78.5	18.057	15.9	0.0	14.3	14.3	4.6
28	16.6	25.0	18.7	90.0	19.617	17.2	16.1	0.1	16.2	1.6
29	15.1	23.8	17.8	94.9	19.269	16.9	24.5	0.0	24.5	1.8
30	14.3	28.6	20.5	73.2	16.464	14.2	0.0	0.0	0.0	5.8
31	15.0	25.9	21.1	74.7	17.851	15.6	0.0	12.9	12.9	8.6
PROM.	15.3	27.0	20.5	76.9	17.738	15.4	93.3	39.4	132.7	182.1

ESTACION: SUBESTACION ALBAN  
 ALTITUD: 1.400

MUNICIPIO: EL CAIRO  
 LATITUD: 4-46 N.

AÑO: 1.983  
 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	15.6	24.8	19.5	81.9	18.277	16.1	0.0	15.2	15.2	6.4
2	15.5	26.0	20.3	82.2	19.041	16.6	1.5	0.0	1.5	5.6
3	16.7	23.4	20.4	77.4	18.435	16.2	0.0	0.0	0.0	0.4
4	15.9	26.8	20.7	71.1	16.851	14.8	0.0	0.0	0.0	7.9
5	15.5	23.8	19.3	85.6	18.985	16.6	0.6	16.1	16.7	5.4
6	16.4	23.0	18.6	85.5	18.319	16.1	5.5	0.2	5.7	2.2
7	15.9	25.1	19.9	75.5	17.225	15.1	3.0	0.0	3.0	5.0
8	13.5	26.7	19.3	81.0	17.531	15.3	1.1	0.0	1.1	6.2
9	15.7	24.0	19.8	77.3	17.623	15.5	0.0	0.0	0.0	3.4
10	15.6	24.3	18.8	82.1	17.794	15.6	9.8	0.4	10.2	3.4
11	13.6	23.7	18.7	79.6	16.652	14.6	0.2	0.0	0.2	5.5
12	15.7	27.3	20.4	76.7	17.687	15.3	0.0	0.0	0.0	7.3
13	15.6	25.4	20.2	79.3	18.865	16.6	2.9	0.0	2.9	3.4
14	16.2	24.5	19.0	85.7	18.623	16.3	0.1	0.3	0.4	2.1
15	14.6	26.5	19.6	80.7	18.012	15.8	0.0	0.0	0.0	4.2
16	16.7	24.2	19.2	84.9	18.721	16.4	4.3	0.0	4.3	4.1
17	16.8	24.1	19.7	79.7	18.074	15.9	0.4	0.0	0.4	4.4
18	16.0	24.6	20.1	75.5	17.148	15.0	0.0	2.4	2.4	7.6
19	15.4	25.4	20.2	75.2	18.298	16.1	0.0	0.0	0.0	7.7
20	16.5	23.8	20.1	78.8	18.235	16.0	0.0	0.0	0.0	4.5
21	15.1	24.5	19.2	83.8	18.312	16.1	0.0	22.5	22.5	3.9
22	16.2	26.6	19.9	75.8	16.969	14.7	3.0	0.0	3.0	4.9
23	15.1	27.6	20.6	76.8	17.841	15.5	0.0	0.0	0.0	8.6
24	16.3	26.5	21.0	71.7	17.923	15.8	0.0	0.0	0.0	4.4
25	13.8	27.4	20.7	78.9	18.507	16.1	0.0	0.4	0.4	8.3
26	16.3	25.8	20.8	77.6	18.779	16.4	0.0	0.0	0.0	8.0
27	15.3	27.6	20.6	75.9	17.748	15.6	0.0	0.0	0.0	6.1
28	15.6	25.2	19.6	85.5	19.244	16.8	19.8	0.0	19.8	1.9
29	15.2	26.4	20.3	74.4	17.327	15.2	0.0	0.0	0.0	7.0
30	16.5	26.6	20.5	79.8	19.132	16.7	0.0	0.7	0.7	4.3
PROM.	15.6	25.4	19.9	79.3	18.073	15.8	52.2	58.2	110.4	154.1

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.7	24.2	20.5	77.2	18.367	16.1	0.0	0.0	0.0	5.6
2	16.4	25.6	20.4	74.0	17.509	15.4	0.1	2.3	2.4	5.2
3	14.3	25.8	18.9	81.2	17.462	15.4	0.9	0.5	1.4	4.1
4	15.7	27.0	20.3	81.3	19.024	16.7	12.0	0.0	12.0	6.5
5	15.7	26.3	20.1	82.1	18.916	16.6	0.0	0.0	0.0	5.4
6	15.7	28.2	20.4	77.1	17.769	15.4	0.0	0.0	0.0	5.7
7	17.1	25.5	20.5	77.9	18.523	16.3	0.0	0.0	0.0	0.5
8	14.6	24.4	19.0	74.2	17.082	15.0	0.3	17.9	18.2	6.1
9	15.8	26.5	20.1	76.5	17.319	15.1	0.0	0.0	0.0	3.9
10	15.0	24.0	20.0	76.1	17.477	15.4	0.0	0.0	0.0	4.9
11	15.6	25.6	18.3	90.3	18.861	16.6	12.6	0.0	12.6	2.8
12	13.3	25.6	19.5	78.2	17.055	14.9	3.2	33.5	36.7	3.5
13	16.5	24.8	19.4	82.0	18.247	16.1	0.1	0.0	0.1	1.3
14	14.5	24.0	18.7	78.6	16.498	14.5	0.9	2.1	3.0	1.4
15	15.3	21.7	17.8	82.9	16.752	14.7	8.5	0.9	9.4	0.1
16	14.7	23.9	17.9	82.3	16.591	14.5	15.9	0.4	16.3	0.8
17	12.6	25.5	18.7	76.5	15.880	13.9	0.0	0.0	0.0	8.9
18	13.2	24.4	19.0	78.3	16.685	14.6	0.0	0.6	0.6	6.1
19	15.3	22.3	18.2	84.5	17.792	15.6	2.1	0.0	2.1	0.0
20	13.8	25.6	18.8	77.9	16.506	14.4	0.0	27.0	27.0	5.9
21	15.6	25.5	19.2	81.7	17.959	15.8	1.5	0.0	1.5	1.9
22	15.2	26.5	19.7	75.0	16.665	14.5	0.9	0.0	0.9	5.8
23	14.5	24.9	20.6	72.9	17.283	15.2	0.0	0.0	0.0	7.8
24	15.9	25.5	20.0	79.1	18.387	16.2	11.4	0.8	11.4	4.9
25	15.8	22.4	18.2	84.9	17.771	15.7	0.8	2.8	3.6	0.0
26	14.9	24.2	19.3	78.7	17.271	15.2	2.4	1.6	4.0	4.6
27	16.6	24.8	18.8	85.6	18.714	16.4	3.1	0.3	3.4	2.3
28	15.5	23.4	19.2	83.3	18.385	16.1	0.0	8.8	8.8	0.8
29	15.9	23.4	18.7	82.7	17.681	15.5	12.6	0.1	12.7	1.0
30	15.5	22.3	18.7	78.6	17.102	15.0	16.4	0.1	16.5	0.1
31	15.2	23.5	19.2	76.6	16.866	14.8	0.0	0.0	0.0	3.7
PROM	15.2	24.8	19.3	79.8	17.561	15.4	105.7	98.9	204.6	111.6

ESTACION: SUBESTACION ALBAN

MUNICIPIO: EL CAIRO

AÑO: 1.983

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	24.2	19.5	78.8	17.535	15.4	0.0	8.0	8.0	7.6
2	16.0	25.3	19.2	81.6	18.075	15.9	3.1	0.4	3.5	4.8
3	13.9	24.8	19.8	73.8	16.641	14.6	0.0	4.6	4.6	5.3
4	15.5	25.0	20.0	78.1	17.715	15.6	0.9	0.0	0.9	7.2
5	16.2	26.3	20.5	77.4	18.956	16.7	0.7	0.0	0.7	4.6
6	16.3	25.3	20.2	77.5	18.017	15.8	0.6	0.0	0.6	2.8
7	14.4	25.5	19.9	77.2	17.387	15.2	2.0	1.7	3.7	4.9
8	16.7	25.3	18.3	84.5	17.992	15.8	0.0	0.1	0.1	0.0
9	15.7	25.7	19.5	74.1	16.750	14.7	0.0	0.4	0.4	5.5
10	15.0	23.2	18.7	85.1	18.256	16.0	6.2	0.0	6.2	3.1
11	13.0	24.4	17.6	92.0	18.302	16.0	1.4	0.4	1.8	3.0
12	15.0	26.1	20.0	79.2	18.351	16.1	0.0	0.0	0.0	5.1
13	15.3	26.6	20.5	76.5	18.252	16.1	0.9	5.9	6.8	4.7
14	13.5	25.2	18.8	78.0	16.530	14.5	0.4	0.4	0.8	6.0
15	14.2	24.7	20.0	76.6	17.388	15.3	0.2	0.2	0.4	5.0
16	15.7	25.9	20.3	75.9	17.515	15.4	0.0	0.0	0.0	6.8
17	15.3	23.3	19.0	86.6	19.010	16.7	1.4	0.0	1.4	2.6
18	14.5	24.7	19.7	80.8	18.129	15.9	0.0	0.0	0.0	7.5
19	17.0	24.9	20.2	80.6	18.933	16.6	0.0	0.0	0.0	6.0
20	15.6	25.8	21.1	77.1	19.193	16.8	0.0	0.0	0.0	2.0
21	17.6	24.0	20.5	79.1	18.898	16.5	0.0	0.3	0.3	0.0
22	16.7	25.5	20.7	77.0	18.288	16.0	0.2	0.0	0.2	5.4
23	15.0	24.8	20.3	76.7	17.726	15.6	0.0	8.5	8.5	6.7
24	16.0	24.0	19.0	87.4	19.023	16.7	2.6	0.0	2.6	3.4
25	15.7	25.3	20.7	79.0	18.955	16.6	0.0	0.0	0.0	4.8
26	16.2	25.3	20.8	80.9	19.633	17.2	0.0	5.9	5.9	5.0
27	14.0	24.9	19.7	78.4	17.360	15.2	0.0	5.0	5.0	5.2
28	16.2	23.5	19.4	80.7	17.956	15.8	0.0	0.0	0.0	0.8
29	15.9	24.7	18.9	81.6	17.668	15.5	20.1	5.5	25.6	1.9
30	15.0	24.0	18.4	84.2	17.569	15.4	1.0	2.2	3.2	0.4
PROM.	15.4	24.8	19.7	79.9	18.067	15.9	41.7	49.5	91.2	128.1

## M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	24.5	19.7	76.9	17.033	14.9	0.4	2.5	2.9	3.5
2	15.3	24.0	19.3	79.7	17.707	15.6	0.0	1.2	1.2	3.9
3	16.0	21.0	18.2	90.0	18.858	16.6	6.4	0.1	6.5	1.6
4	15.8	21.8	18.1	81.8	16.905	14.8	0.2	0.0	0.2	0.7
5	15.3	22.5	18.2	80.9	16.791	14.7	0.0	5.3	5.3	0.2
6	16.0	21.4	17.6	90.0	18.173	16.0	6.1	0.3	6.4	0.0
7	14.5	24.8	17.8	85.1	17.055	15.0	0.0	2.2	2.2	5.7
8	14.6	23.2	18.0	87.2	17.930	15.8	5.5	0.0	5.5	1.6
9	14.7	24.4	18.3	78.1	16.024	14.0	0.0	2.3	2.3	2.8
10	15.0	24.7	18.9	82.6	17.773	15.7	0.0	0.0	0.0	5.9
11	15.4	23.6	19.5	75.6	16.754	14.7	0.4	6.1	6.5	3.7
12	15.0	23.2	18.8	79.1	16.775	14.7	0.0	0.0	0.0	4.4
13	15.3	23.0	19.2	78.7	17.243	15.1	0.0	0.0	0.0	2.3
14	15.3	23.3	19.0	80.0	17.465	15.4	0.0	0.0	0.0	1.2
15	15.0	23.5	18.9	79.7	17.105	15.0	0.0	1.8	1.8	2.6
16	14.7	22.6	18.6	81.5	17.085	15.0	0.0	0.0	0.0	2.5
17	16.4	23.1	19.4	79.5	17.656	15.5	0.0	5.0	5.0	0.3
18	14.7	24.4	19.8	79.7	17.997	15.8	0.0	4.1	4.1	4.2
19	15.8	24.7	19.5	75.1	16.913	14.8	20.0	10.7	30.7	7.2
20	14.9	23.4	18.9	84.5	18.304	16.1	2.3	0.2	2.5	2.7
21	16.4	25.8	19.7	79.4	17.947	15.8	0.0	0.0	0.0	5.2
22	15.7	25.4	20.4	75.0	17.507	15.4	0.0	0.7	0.7	6.2
23	14.5	25.3	19.7	76.3	16.878	14.8	0.0	0.0	0.0	3.8
24	14.7	26.5	20.0	82.6	18.850	16.5	0.0	0.5	0.5	6.0
25	15.6	27.8	21.7	73.4	18.363	16.1	0.0	0.0	0.0	5.8
26	16.1	25.9	19.8	73.9	16.715	14.6	0.0	0.0	0.0	1.5
27	13.8	24.3	19.0	76.2	16.144	14.2	0.0	0.0	0.0	3.9
28	12.3	25.9	18.8	77.0	16.055	14.0	0.0	0.0	0.0	5.3
29	15.0	25.6	19.4	78.7	17.444	15.4	0.0	2.1	2.1	0.0
30	15.5	21.7	17.8	84.6	17.195	15.1	0.9	0.0	0.9	0.4
31	15.6	25.4	19.4	78.9	17.391	15.2	3.5	9.4	12.9	2.3
PROM.	15.2	24.1	19.1	80.1	17.358	15.2	45.7	54.5	100.2	97.4

ESTACION: SUBESTACION ALBAN

MUNICIPIO EL CAIRE

AÑO: 1.983

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	16.7	26.5	21.0	14.1	29.0	78.8	19.258	16.9	40.7	11	
FEBRERO	16.5	27.3	21.1	14.1	30.6	77.8	18.879	16.5	45.5	5	170.1
MARZO	17.0	26.3	21.0	15.2	28.5	78.7	19.253	16.9	96.4	12	136.1
ABRIL	16.6	25.6	20.7	14.5	28.4	79.3	18.970	16.6	146.4	24	88.0
MAYO	16.7	26.4	21.0	15.5	28.9	78.6	19.272	16.9	125.1	22	143.8
JUNIO	16.1	26.4	20.9	13.7	30.2	75.7	18.259	16.0	74.2	14	158.4
JULIO	15.7	27.1	20.9	13.1	30.6	74.3	17.613	15.3	37.6	12	161.5
AGOSTO	15.3	27.0	20.5	12.8	31.0	76.9	17.738	15.4	132.7	19	162.1
SEPTIEMBRE	15.6	25.4	19.9	13.5	27.6	79.3	18.073	15.8	110.4	16	154.1
OCTUBRE	15.2	24.8	19.3	12.6	28.2	79.8	17.561	15.4	204.6	22	111.6
NOVIEMBRE	15.4	24.8	19.7	13.0	26.6	79.9	18.067	15.9	91.2	23	128.1
DICIEMBRE	15.2	24.1	19.1	12.3	27.8	80.1	17.358	15.2	100.2	20	97.4
PROMEDIO	16.0	26.0	20.4	13.7	29.0	78.3	18.358	16.1			
TOTAL									1205.0	202	

ESTACION: ARTURO GOMEZ

MUNICIPIO: ALCALA

AÑO: 1.983

ALTITUD: 1.320

LATITUD: 4-40 N.

LONGITUD: 75-48 W.

## M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	29.0	22.9	65.9	17.149	15.0	0.0	0.0	0.0	7.9
2	17.0	28.0	22.3	69.1	18.058	15.8	0.0	0.0	0.0	4.7
3	17.0	27.4	21.6	73.3	18.284	15.9	0.0	0.0	0.0	3.4
4	18.0	25.4	21.1	75.6	18.656	16.3	0.0	0.0	0.0	1.1
5	16.8	26.5	21.7	73.0	18.388	16.1	0.0	0.0	0.0	1.3
6	16.4	27.5	21.8	79.5	20.650	17.9	1.5	0.0	1.5	4.6
7	16.4	29.5	22.7	69.7	18.150	15.7	0.0	0.0	0.0	5.3
8	17.0	27.5	22.3	69.5	17.790	15.4	0.0	0.0	0.0	3.7
9	16.3	29.2	23.0	67.9	17.936	15.7	0.0	0.0	0.0	6.4
10	15.4	27.6	19.9	77.6	17.751	15.4	2.5	0.9	3.4	7.6
11	16.0	29.5	22.9	73.5	19.642	17.0	4.7	0.1	4.8	6.3
12	17.5	27.5	21.7	71.8	17.871	15.6	0.0	0.0	0.0	1.4
13	16.0	28.5	23.1	68.3	17.872	15.6	0.0	0.0	0.0	7.8
14	16.0	29.5	22.7	65.5	16.721	14.6	0.0	0.0	0.0	6.2
15	18.0	29.3	23.0	65.1	17.039	14.8	0.0	0.0	0.0	6.9
16	17.5	29.5	22.2	72.3	18.275	15.7	0.0	0.0	0.0	6.1
17	16.0	29.5	22.9	67.2	17.300	15.0	0.0	0.0	0.0	6.4
18	17.5	30.5	23.4	67.0	17.966	15.4	0.0	0.0	0.0	6.3
19	17.0	30.5	23.8	69.8	18.971	16.1	0.0	0.0	0.0	5.8
20	17.5	30.0	23.0	68.1	18.370	16.0	0.0	0.0	0.0	6.1
21	17.0	31.5	23.6	65.8	17.440	15.1	0.0	0.0	0.0	8.0
22	17.0	31.0	24.4	69.4	19.626	16.9	0.0	0.0	0.0	7.4
23	16.6	30.6	23.6	66.4	17.871	15.3	0.0	0.0	0.0	7.0
24	17.0	30.5	23.0	65.7	16.891	14.6	0.0	0.0	0.0	7.3
25	16.4	31.0	23.6	64.6	17.073	14.8	0.0	0.0	0.0	6.2
26	17.5	30.0	23.7	64.0	17.298	15.0	0.0	0.0	0.0	4.4
27	17.5	26.0	21.0	86.7	21.192	18.4	13.9	0.0	13.9	1.3
28	17.4	30.0	22.8	66.2	17.231	15.0	0.0	15.1	15.1	8.3
29	17.4	29.0	22.0	78.9	20.236	17.7	0.0	0.0	0.0	2.8
30	18.0	30.0	22.5	67.7	17.203	14.7	0.0	2.2	2.2	5.8
31	17.0	27.0	22.1	73.7	18.663	16.2	2.7	0.0	2.7	2.7
PROM.	16.9	29.0	22.6	70.3	18.180	15.8	25.3	18.3	43.6	166.9

## M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	30.0	23.3	63.9	16.953	14.7	0.0	0.0	0.0	6.5
2	17.0	30.0	23.2	66.9	17.519	15.2	0.0	0.0	0.0	5.3
3	18.0	31.5	24.2	60.2	16.335	14.1	0.0	0.0	0.0	8.1
4	17.0	29.5	21.6	67.8	16.336	14.0	0.0	0.0	0.0	5.1
5	18.4	27.5	20.7	76.5	18.324	15.9	8.9	0.0	8.9	2.5
6	17.0	29.0	22.8	58.3	14.389	11.9	0.0	4.8	4.8	4.9
7	17.0	27.5	19.8	80.3	18.130	15.8	2.8	3.1	5.9	2.7
8	16.0	27.5	22.2	59.9	14.656	12.5	0.0	0.0	0.0	7.9
9	17.0	29.5	23.1	62.3	16.149	14.1	0.0	0.0	0.0	6.8
10	18.0	30.0	23.1	56.9	14.687	12.4	0.0	0.0	0.0	6.9
11	16.6	29.5	22.9	62.9	16.008	13.7	0.0	0.0	0.0	4.6
12	18.0	30.0	22.9	61.2	16.125	13.7	0.0	0.0	0.0	5.5
13	16.0	30.0	23.0	61.1	15.571	13.4	0.0	0.0	0.0	7.3
14	14.8	29.5	22.9	58.8	14.330	12.2	0.0	0.0	0.0	6.1
15	15.5	30.5	23.2	60.4	15.441	13.3	0.0	0.0	0.0	7.4
16	16.5	29.5	23.4	60.7	15.684	13.5	0.0	0.0	0.0	5.6
17	16.5	30.0	22.3	67.7	17.002	14.8	0.0	0.0	0.0	4.7
18	17.5	29.5	22.4	67.9	17.263	14.8	0.0	0.0	0.0	2.0
19	17.0	31.5	20.5	74.6	17.238	14.9	21.7	0.0	21.7	5.5
20	15.5	32.0	23.5	57.8	14.787	12.7	0.0	0.0	0.0	8.1
21	17.3	29.0	22.3	73.4	18.838	16.3	0.0	0.0	0.0	2.9
22	16.5	31.5	23.5	63.6	16.918	14.6	0.3	0.0	0.3	5.5
23	17.5	31.0	23.0	65.3	17.307	15.1	1.5	0.0	1.5	3.7
24	17.5	30.0	23.4	64.4	17.268	15.0	0.0	0.0	0.0	3.7
25	17.5	31.0	23.2	67.0	18.080	15.9	0.0	0.2	0.2	4.3
26	16.7	30.9	22.8	71.4	18.273	15.7	0.0	0.0	0.0	4.4
27	17.0	32.0	24.9	55.5	15.275	13.0	0.0	0.0	0.0	7.1
28	17.5	27.5	21.8	66.4	16.730	14.6	0.8	4.6	5.4	5.3
PROM.	17.0	29.9	22.7	64.8	16.488	14.2	36.0	12.7	48.7	150.4

ESTACION: ARTURO GOMEZ

MUNICIPIO: ALCALA

AÑO: 1.983

ALTITUD: 1.320

LATITUD: 4-40 N.

LONGITUD: 75-48 W.

## M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	27.0	21.0	77.8	18.955	16.6	8.7	9.2	17.9	0.6
2	18.0	28.5	20.8	75.7	18.231	15.8	1.4	0.0	1.4	4.4
3	17.3	26.5	21.8	70.9	17.551	15.2	0.0	0.0	0.0	2.4
4	16.8	25.5	23.3	63.4	16.749	14.5	0.0	0.0	0.0	5.1
5	16.8	30.0	23.3	63.7	17.404	15.2	0.0	0.6	0.6	4.6
6	18.0	27.1	22.4	68.9	17.829	15.6	1.4	3.7	5.1	2.7
7	17.3	26.5	21.0	75.7	18.446	16.0	2.0	0.3	2.3	2.8
8	18.5	25.7	20.0	80.6	18.752	16.3	3.9	0.1	4.0	1.3
9	17.5	28.3	20.3	72.9	16.835	14.6	0.0	0.0	0.0	3.9
10	16.5	24.3	19.8	84.4	19.334	16.9	3.4	0.1	3.5	0.1
11	16.3	25.0	22.8	66.7	17.318	15.0	0.0	0.0	0.0	6.0
12	17.0	30.0	23.5	69.9	19.322	16.5	0.0	0.2	0.2	7.1
13	17.0	30.5	23.4	61.6	16.582	14.3	0.0	0.0	0.0	6.1
14	17.5	26.6	21.5	71.2	17.555	15.3	0.0	0.0	0.0	2.0
15	15.5	30.5	22.4	72.0	18.200	15.7	0.9	5.7	6.6	7.3
16	16.5	31.0	21.5	72.7	17.758	15.4	26.2	0.0	26.2	8.3
17	17.5	28.5	20.5	75.4	17.567	15.7	27.6	0.0	27.6	3.1
18	14.6	28.0	22.4	71.2	18.073	15.7	0.0	0.0	0.0	2.8
19	19.0	31.0	24.5	62.2	17.984	15.6	0.0	0.0	0.0	8.0
20	17.5	30.0	23.2	65.9	17.743	15.5	0.0	0.0	0.0	4.6
21	16.8	25.0	22.3	71.2	18.492	16.2	0.8	0.0	0.8	3.5
22	16.8	25.5	22.2	76.4	19.719	17.2	0.8	0.0	0.8	5.6
23	16.5	30.0	23.0	61.8	16.156	13.9	0.6	0.0	0.6	5.3
24	16.8	27.5	20.3	73.3	17.046	14.6	11.8	5.3	17.1	1.5
25	17.2	23.3	19.0	87.8	19.595	17.2	1.7	0.5	2.2	0.0
26	17.5	26.0	20.3	75.4	17.461	15.1	6.5	3.5	10.0	1.5
27	16.8	27.5	21.0	71.8	16.986	14.8	0.0	0.0	0.0	4.0
28	15.5	28.5	20.9	74.0	17.407	14.9	0.0	0.0	0.0	5.6
29	15.5	29.5	19.6	73.8	16.295	14.2	9.0	1.9	10.9	5.4
30	16.8	28.9	22.0	66.5	16.410	14.2	0.0	0.0	0.0	6.6
31	16.5	29.5	23.0	63.5	16.573	14.1	0.0	0.0	0.0	7.7
PROM.	16.9	28.3	21.7	71.6	17.768	15.4	106.7	31.1	137.8	130.3

## M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	29.5	23.3	62.0	16.314	14.1	0.0	0.0	0.0	7.8
2	15.7	25.5	22.0	68.1	16.954	14.5	0.0	0.0	0.0	6.3
3	16.8	28.6	21.5	70.8	17.843	15.6	0.0	0.0	0.0	4.7
4	16.5	26.3	22.0	69.8	17.851	15.4	0.0	0.0	0.0	1.0
5	16.7	29.5	21.3	73.5	17.976	15.5	24.8	61.9	86.7	3.0
6	15.5	26.0	20.5	71.1	16.380	13.8	0.0	27.0	27.0	1.5
7	17.5	23.3	18.8	90.0	19.709	17.3	14.5	0.0	14.5	0.0
8	15.7	28.5	22.0	67.7	17.060	14.9	0.0	4.0	4.0	5.3
9	17.4	24.5	20.5	77.8	18.427	16.1	6.6	1.0	7.6	0.0
10	16.4	27.0	21.8	64.9	16.065	13.9	0.0	1.0	1.0	3.5
11	17.5	24.3	19.3	90.1	20.521	17.9	2.7	0.0	2.7	0.6
12	15.0	28.5	22.0	67.1	16.525	14.4	0.0	0.8	0.8	6.6
13	18.0	22.6	19.8	86.6	19.897	17.4	6.5	5.3	11.8	0.0
14	17.3	25.4	20.8	80.8	19.424	17.0	0.0	0.0	0.0	0.8
15	16.8	28.5	23.0	69.7	18.225	15.2	1.7	27.1	28.8	4.9
16	18.0	25.5	21.3	76.6	18.991	16.5	0.1	0.0	0.1	0.6
17	15.7	26.6	21.2	77.8	19.162	16.8	1.1	71.3	72.4	3.2
18	17.8	23.1	18.8	91.7	20.333	17.7	10.6	0.0	10.6	0.4
19	14.5	27.5	20.8	75.4	17.528	15.1	0.0	0.0	0.0	3.7
20	16.5	27.8	22.0	73.0	18.740	16.3	5.4	26.1	31.5	3.0
21	16.4	23.3	19.8	85.2	19.356	17.0	1.7	2.7	4.4	0.1
22	15.7	26.4	21.4	73.7	17.695	15.3	0.0	0.0	0.0	2.8
23	16.5	29.5	23.3	60.2	15.820	13.5	0.0	11.4	11.4	6.1
24	16.5	27.0	21.1	69.0	16.376	14.3	0.5	0.0	0.5	4.1
25	17.0	27.6	23.8	71.9	20.267	17.6	0.4	0.0	0.4	5.7
26	16.0	26.5	18.9	78.3	17.642	15.0	5.0	44.2	49.2	0.2
27	18.0	24.0	19.9	78.8	18.154	15.8	0.2	12.0	12.2	1.6
28	15.2	22.5	17.7	81.6	16.390	14.3	2.4	0.0	2.4	0.5
29	14.0	24.5	17.7	87.8	18.067	15.9	64.1	16.4	80.5	3.7
30	14.5	24.0	19.3	80.9	18.183	16.0	0.0	7.4	7.4	5.4
PROM.	16.4	26.3	20.9	75.7	18.067	15.7	148.3	319.6	467.9	87.3

ESTACION: ARTURO GOMEZ

MUNICIPIO: ALCALA

AÑO: 1983

ALTITUD: 1.320

LATITUD: 4-40 N.

LONGITUD: 75-46 W.

## M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.2	24.3	20.3	80.7	18.368	15.7	4.1	0.0	4.1	7.6
2	14.5	27.3	20.5	70.7	16.817	14.8	3.8	0.3	4.1	3.2
3	16.4	27.5	20.8	71.5	17.148	15.0	0.0	1.5	1.5	5.8
4	17.5	27.5	20.5	78.6	18.896	16.5	1.4	0.0	1.4	2.4
5	17.6	27.5	20.8	73.0	17.614	15.3	7.4	5.2	12.6	5.1
6	16.4	25.3	21.3	79.0	19.530	17.1	1.3	0.0	1.3	2.9
7	17.5	25.0	21.0	81.4	20.291	17.7	0.5	0.0	0.5	0.7
8	16.7	27.4	21.8	72.1	18.421	16.1	0.0	0.0	0.0	5.2
9	16.5	30.0	21.3	73.1	17.926	15.6	0.2	1.1	1.3	8.7
10	17.0	28.5	22.0	74.2	18.977	16.4	0.1	0.1	0.2	7.1
11	17.5	28.5	22.3	73.3	19.016	17.2	0.9	0.5	1.4	4.7
12	17.6	28.0	22.2	73.3	19.420	17.0	2.9	0.0	2.9	5.0
13	16.5	28.0	22.3	73.1	18.636	16.0	0.5	0.0	0.5	5.0
14	16.3	27.4	22.8	73.0	19.406	16.5	4.0	2.7	6.7	6.4
15	18.0	27.5	21.5	74.3	19.077	16.7	2.1	7.8	9.9	5.6
16	17.4	26.0	20.5	77.0	18.413	16.0	6.4	0.0	6.4	4.4
17	17.5	27.0	22.0	74.8	18.558	16.5	1.8	77.4	79.2	5.4
18	18.0	24.5	21.5	81.5	20.805	18.1	10.8	0.6	11.4	0.3
19	18.5	27.0	22.5	74.8	19.601	16.9	0.0	0.0	0.0	2.3
20	18.5	27.9	22.0	74.6	19.427	16.9	1.6	0.0	1.6	2.2
21	18.4	28.8	21.8	73.8	18.910	16.4	5.4	47.5	52.9	5.7
22	17.0	28.8	22.8	69.8	18.186	15.6	0.0	0.0	0.0	6.1
23	16.4	29.3	22.5	65.6	17.441	15.1	0.0	42.4	42.4	6.6
24	17.5	28.4	22.8	75.1	20.057	17.3	0.0	0.0	0.0	4.3
25	17.5	29.5	23.5	68.8	19.636	17.1	1.3	5.5	6.8	5.3
26	17.5	26.8	22.9	73.1	19.842	17.3	0.0	16.1	16.1	2.1
27	17.3	28.4	22.3	78.9	20.655	17.9	0.1	0.4	0.5	3.5
28	19.0	24.3	20.6	94.1	22.748	19.5	27.2	19.9	47.1	0.0
29	17.5	26.3	22.3	76.4	19.959	17.4	0.4	0.1	0.5	4.2
30	17.4	28.5	22.6	69.7	18.313	15.8	0.0	0.0	0.0	7.7
31	17.5	28.8	22.5	66.8	17.864	15.7	0.0	0.0	0.0	7.2
PROM.	17.2	27.5	21.8	74.7	19.066	16.6	84.2	229.1	313.3	142.7

## 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	17.5	27.0	22.8	77.5	21.119	18.3	0.0	0.0	0.0	1.8
2	18.6	28.3	21.8	74.8	19.334	16.9	4.8	0.0	4.8	5.1
3	18.4	25.4	21.2	89.0	22.377	19.3	5.3	4.6	9.9	1.0
4	18.5	26.4	21.0	78.7	19.336	16.8	0.8	12.7	13.5	1.9
5	17.5	25.4	21.3	75.7	20.015	17.4	0.0	0.0	0.0	2.4
6	17.4	26.5	22.3	76.1	19.933	17.2	1.7	0.0	1.7	3.1
7	16.5	26.8	22.0	79.7	20.666	18.0	1.7	24.6	26.3	5.1
8	18.0	22.5	19.8	86.6	20.073	17.5	22.4	1.1	23.5	0.0
9	13.5	26.4	21.3	76.1	18.495	16.2	0.0	0.0	0.0	7.3
10	16.4	28.6	23.0	70.3	18.577	16.0	0.0	0.0	0.0	6.6
11	18.1	26.0	21.8	77.8	19.922	17.4	1.1	0.0	1.1	2.0
12	14.5	28.3	22.0	71.0	17.582	15.4	1.1	0.0	1.1	8.0
13	17.6	27.3	21.8	74.5	18.987	16.5	0.8	0.0	0.8	4.0
14	17.5	29.3	23.5	71.9	19.896	17.3	0.0	0.0	0.0	8.1
15	17.4	28.4	23.4	74.6	20.520	17.7	0.0	0.0	0.0	4.5
16	18.4	28.5	24.3	66.6	19.565	17.0	0.0	0.0	0.0	5.7
17	19.5	28.1	22.7	74.5	20.388	17.6	4.4	0.0	4.4	4.3
18	17.0	30.8	24.8	58.7	16.778	14.6	0.0	0.0	0.0	9.1
19	17.5	30.9	24.3	73.0	21.148	18.2	0.5	0.0	0.5	7.0
20	18.8	27.8	22.8	73.4	19.879	17.3	0.0	0.0	0.0	0.4
21	16.5	30.5	24.0	68.6	18.639	15.8	0.0	0.0	0.0	8.5
22	16.5	29.6	22.0	68.6	17.745	15.6	0.0	0.0	0.0	2.9
23	16.6	29.2	23.8	64.6	17.917	15.6	0.0	0.0	0.0	7.8
24	17.5	28.8	23.0	72.1	19.459	16.8	2.2	0.0	2.2	6.3
25	15.4	29.9	23.0	67.2	17.494	15.3	0.0	0.0	0.0	9.7
26	17.5	29.0	22.3	70.3	18.059	15.7	0.2	0.0	0.2	6.8
27	16.6	29.5	24.3	64.7	18.562	16.1	0.0	0.0	0.0	8.2
28	17.1	26.8	22.3	76.7	20.062	17.4	2.7	0.0	2.7	2.3
29	17.5	27.0	22.5	73.7	19.271	16.8	1.3	0.0	1.3	1.8
30	16.3	28.8	22.4	72.2	18.904	16.4	0.0	0.0	0.0	6.0
PROM	17.2	27.9	22.6	73.4	19.357	16.8	51.0	43.0	94.0	147.7

ESTACION: ARTURO GOMEZ

MUNICIPIO: ALCALA

AÑO: 1.983

ALTITUD: 1.320

LATITUD: 4-40 N.

LONGITUD: 75-48 W.

## M E S - J U L I O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	28.5	22.3	76.0	19.786	17.1	0.2	8.7	8.9	4.4
2	16.5	28.1	22.6	76.2	20.364	17.6	0.6	0.0	0.6	6.4
3	17.5	29.6	23.8	70.0	19.301	16.8	0.0	0.0	0.0	5.8
4	18.3	29.4	20.5	70.9	16.674	14.2	27.1	0.1	27.2	4.1
5	17.5	26.5	21.3	77.3	19.152	16.7	0.0	0.0	0.0	3.0
6	15.5	28.4	22.8	70.5	18.431	16.0	0.0	8.2	8.2	7.9
7	17.5	29.9	23.8	71.2	19.545	17.0	0.0	23.2	23.2	7.6
8	17.0	27.3	21.8	70.6	17.551	15.3	0.1	8.7	8.8	7.7
9	17.3	25.3	20.8	83.9	20.358	17.8	0.3	6.3	6.6	2.9
10	17.0	26.9	22.5	76.6	20.309	17.5	0.0	0.0	0.0	5.0
11	16.5	27.5	21.6	74.3	18.377	16.1	0.0	0.7	0.7	6.0
12	15.0	27.3	21.8	67.7	16.680	14.7	0.0	0.0	0.0	9.2
13	15.5	29.0	23.0	68.9	18.278	16.0	0.0	0.0	0.0	9.0
14	16.0	27.6	22.4	76.3	20.291	17.6	4.7	0.0	4.7	4.9
15	18.0	26.8	22.4	76.9	20.247	17.4	2.9	0.0	2.9	4.4
16	17.8	27.5	21.8	77.9	19.437	16.7	1.2	0.5	1.7	6.5
17	16.6	27.0	21.8	76.0	18.973	16.4	0.0	0.0	0.0	5.2
18	15.0	29.5	22.2	67.7	16.877	14.6	0.0	0.0	0.0	9.0
19	15.7	28.5	23.0	74.2	19.811	17.1	0.3	0.0	0.3	5.6
20	16.8	30.0	24.1	58.9	16.173	13.7	0.0	0.0	0.0	8.6
21	17.0	29.0	23.0	69.9	18.896	16.6	0.0	0.0	0.0	5.3
22	18.0	24.0	18.7	93.5	20.332	17.8	17.1	0.2	17.3	1.4
23	16.5	25.5	20.5	79.1	18.398	16.0	0.0	0.0	0.0	4.6
24	14.5	29.6	22.1	75.2	18.621	16.1	0.0	0.0	0.0	9.3
25	12.5	31.4	24.5	46.0	11.121	7.5	0.0	0.0	0.0	10.2
26	15.0	29.9	23.4	50.2	13.800	11.5	0.0	0.0	0.0	9.0
27	14.5	26.0	21.4	75.8	18.486	16.2	0.0	0.0	0.0	4.0
28	14.5	27.0	22.5	69.8	18.132	15.7	0.0	0.0	0.0	4.3
29	17.6	29.3	22.1	75.3	19.329	16.6	0.1	1.4	1.5	5.7
30	17.4	26.0	21.9	77.3	19.959	17.3	0.1	0.6	0.7	2.0
31	17.4	28.0	22.2	73.2	18.561	16.1	0.0	0.0	0.0	3.8
PROM.	16.4	27.9	22.2	72.5	18.460	15.9	54.7	58.6	113.3	183.0

## M E S - A G O S T O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	27.5	23.0	71.0	19.024	16.6	0.0	0.0	0.0	6.6
2	17.0	25.8	20.3	87.6	20.036	17.5	11.9	0.0	11.9	4.8
3	17.0	27.0	23.0	73.0	19.275	16.7	0.0	0.0	0.0	5.6
4	15.0	27.5	22.2	71.2	18.178	15.9	0.2	0.0	0.2	4.3
5	17.5	25.0	20.3	81.4	19.351	16.8	1.8	0.0	1.8	1.9
6	15.0	27.0	21.2	78.5	19.065	16.7	0.3	0.4	0.7	5.7
7	17.3	29.6	23.6	63.8	17.100	14.9	0.0	0.0	0.0	8.1
8	15.4	28.3	22.7	63.5	16.276	14.1	0.0	0.0	0.0	3.8
9	14.4	30.5	24.9	49.5	13.329	10.9	0.0	0.0	0.0	7.2
10	16.5	31.5	25.3	46.7	13.208	10.6	0.0	0.0	0.0	9.6
11	14.0	30.8	22.2	63.6	15.296	13.1	0.0	0.0	0.0	8.9
12	17.0	28.0	22.2	79.3	20.591	17.9	0.4	0.0	0.4	4.8
13	14.5	31.0	23.5	60.1	15.436	13.4	0.0	0.0	0.0	9.9
14	15.5	32.3	25.3	62.9	17.684	15.3	0.0	0.0	0.0	9.0
15	17.4	29.0	24.0	51.6	14.508	12.3	0.1	0.0	0.1	9.6
16	15.5	30.5	23.5	62.3	16.580	14.3	0.0	0.0	0.0	7.1
17	14.7	30.0	24.3	51.8	13.895	11.5	0.0	0.0	0.0	7.8
18	15.7	26.5	19.4	77.8	17.089	15.0	0.0	0.0	0.0	3.7
19	14.7	25.5	20.3	74.8	17.162	15.1	0.0	0.0	0.0	1.5
20	12.5	29.5	17.6	76.3	14.245	11.9	15.7	0.7	16.4	8.1
21	12.5	26.3	19.9	75.3	16.481	14.2	0.2	0.0	0.2	6.3
22	14.0	31.5	23.0	54.4	13.179	10.9	0.0	0.0	0.0	8.5
23	18.5	27.0	22.0	73.3	19.399	17.0	2.4	0.0	2.4	3.2
24	17.5	27.0	21.0	76.9	18.920	16.4	2.4	0.0	2.4	4.1
25	16.8	27.6	21.3	74.2	17.879	15.4	0.0	0.0	0.0	4.7
26	17.5	27.3	22.7	72.1	19.128	16.5	0.0	0.0	0.0	3.1
27	16.5	28.0	22.9	64.3	16.683	14.4	0.0	10.7	10.7	5.4
28	17.0	24.5	19.7	93.4	21.431	18.6	9.5	0.0	9.5	1.3
29	17.0	25.5	20.1	81.6	18.894	16.5	0.6	0.0	0.6	2.1
30	14.5	27.3	20.5	74.4	16.923	14.7	0.0	0.0	0.0	5.3
31	14.5	30.0	22.8	61.4	15.682	13.4	0.0	0.0	0.0	7.3
PROM.	15.8	28.2	22.1	69.3	17.159	14.8	45.5	11.8	57.3	179.3

ESTACION: ARTURO GOMEZ

MUNICIPIO: ALCALA

AÑO: 1983

ALTITUD: 1.320

LATITUD: 4-40 N.

LONGITUD: 75-48 W.

## M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	28.3	21.8	67.9	17.342	15.1	0.0	0.0	0.0	4.6
2	18.0	28.5	21.4	73.1	18.251	16.0	1.7	0.5	2.2	0.7
3	18.0	26.5	21.3	78.9	19.544	16.9	2.4	0.0	2.4	2.3
4	17.0	28.3	21.3	65.5	15.597	13.1	0.3	0.0	0.3	7.7
5	17.5	27.5	20.9	75.9	18.190	15.8	2.4	18.9	21.3	4.2
6	16.5	24.2	18.8	94.7	20.352	17.8	7.6	0.5	8.1	2.1
7	17.0	27.0	21.5	76.8	18.903	16.2	0.0	0.9	0.9	6.0
8	14.5	27.0	20.8	74.1	17.383	15.1	0.0	0.2	0.2	5.1
9	16.7	27.5	21.3	75.7	18.560	16.2	0.0	0.0	0.0	4.5
10	16.0	27.1	20.6	77.5	18.597	16.2	5.6	0.6	5.6	5.2
11	14.5	27.5	21.2	72.8	17.510	15.3	0.0	0.0	0.0	5.6
12	16.5	27.3	21.0	67.3	15.955	13.9	0.0	0.0	0.0	5.2
13	15.7	26.7	20.1	80.9	19.066	16.7	3.1	0.0	3.1	4.1
14	15.7	27.5	20.5	81.5	19.263	16.8	0.1	0.0	0.1	3.9
15	14.5	26.5	21.5	76.8	18.807	16.5	0.9	0.5	1.4	5.0
16	16.5	27.0	21.5	72.7	17.863	15.5	3.6	0.0	3.6	3.9
17	16.8	26.5	20.5	77.9	18.211	15.7	7.0	0.0	7.0	4.0
18	15.3	27.1	20.1	88.4	20.895	18.1	0.0	0.0	0.0	6.5
19	15.5	27.0	20.5	80.9	19.016	16.6	0.3	0.0	0.3	5.6
20	16.4	25.5	20.6	77.8	18.546	16.3	1.3	0.0	1.3	6.2
21	15.6	27.3	21.7	67.3	16.758	14.5	0.0	14.6	14.6	5.6
22	16.5	26.5	20.8	76.1	17.954	15.5	0.5	0.0	0.5	4.6
23	15.0	29.0	22.0	66.2	16.427	14.1	0.0	0.1	0.1	7.8
24	17.5	28.0	22.3	79.1	20.656	17.9	0.0	1.5	1.5	6.7
25	15.6	29.3	22.7	69.5	17.921	15.5	0.1	0.0	0.1	8.9
26	16.5	28.5	20.4	77.6	18.097	15.7	3.3	0.0	3.3	6.6
27	14.5	29.0	21.8	71.4	17.545	15.3	0.0	0.0	0.0	7.4
28	17.0	25.1	18.7	94.8	20.470	17.9	7.1	0.0	7.1	1.0
29	16.7	30.0	20.7	78.9	18.752	16.3	7.1	0.0	7.1	6.4
30	15.5	26.4	21.8	69.5	17.244	15.0	0.0	0.0	0.0	4.6
PROM.	16.2	27.3	21.0	76.3	18.324	15.9	54.4	37.7	92.1	152.0

## 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	16.0	28.0	22.4	71.8	18.635	16.1	0.0	0.0	0.0	4.0
2	16.8	27.8	22.7	73.2	19.655	17.1	0.0	0.0	0.0	4.6
3	15.5	25.5	18.7	92.6	20.005	17.5	1.4	1.0	2.4	3.0
4	14.6	29.5	21.7	69.9	16.978	14.9	0.0	0.0	0.0	6.7
5	16.5	26.0	22.5	69.5	18.055	15.7	0.0	0.0	0.0	4.4
6	16.5	31.3	23.4	62.8	16.724	14.6	0.0	0.0	0.0	7.1
7	15.6	26.0	21.4	70.6	17.035	14.5	0.0	0.0	0.0	0.7
8	15.0	28.0	22.4	66.3	17.040	14.8	5.0	11.3	16.3	4.2
9	16.5	28.5	22.4	70.9	18.256	15.9	0.1	2.1	2.2	7.6
10	17.5	26.0	19.9	89.3	20.802	18.1	2.9	0.0	2.9	3.0
11	16.5	25.5	18.6	84.8	18.302	16.1	0.0	0.0	0.0	2.6
12	14.5	27.0	19.5	75.9	16.268	14.0	0.0	14.5	14.5	3.5
13	15.0	25.5	17.8	79.9	15.870	13.8	0.5	0.0	0.5	2.6
14	16.5	25.0	18.7	85.5	18.630	16.3	0.0	0.7	0.7	1.6
15	15.0	22.2	17.5	89.2	18.082	15.9	9.7	0.0	9.7	0.0
16	15.0	25.0	18.8	84.2	18.568	16.3	2.8	0.6	3.4	1.5
17	15.6	27.5	20.0	76.5	17.474	15.4	0.0	0.0	0.0	8.4
18	14.5	28.0	21.5	70.9	17.086	14.7	0.0	7.1	7.1	7.7
19	15.7	24.5	20.0	81.5	18.791	16.3	1.6	0.0	1.6	3.5
20	14.5	27.5	19.0	76.8	16.131	13.8	30.2	13.6	43.8	3.3
21	14.5	25.6	20.3	81.3	18.899	16.6	0.0	0.0	0.0	4.3
22	13.5	26.0	20.3	73.6	16.730	14.3	1.1	1.1	2.2	6.6
23	16.5	27.8	20.0	68.7	15.785	13.5	0.8	0.0	0.8	5.7
24	14.6	26.5	20.5	77.3	18.173	15.9	0.0	0.0	0.0	3.7
25	16.5	23.0	19.6	82.5	18.897	16.6	0.7	1.2	1.9	0.0
26	14.5	28.0	20.0	77.5	17.243	14.9	0.0	0.0	0.0	3.0
27	17.0	27.0	19.8	81.4	18.785	16.5	1.6	0.0	1.6	0.0
28	15.5	24.5	19.6	83.8	19.004	16.6	4.5	38.9	43.4	0.7
29	15.0	24.5	19.7	83.0	18.514	16.1	2.4	3.6	6.0	1.7
30	15.8	22.3	18.8	86.8	18.732	16.4	5.0	0.0	5.0	0.1
31	15.3	26.5	20.0	74.4	16.338	13.9	0.0	0.0	0.0	6.8
PROM.	15.5	26.5	20.2	77.8	17.919	15.6	70.3	95.7	166.0	112.6

ESTACION: ARTURO GOMEZ

MUNICIPIO: ALCALA

AÑO: 1983

ALTITUD: 14320

LATITUD: 4-40 N.

LONGITUD: 75-48 W.

## M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	27.8	22.0	72.4	18.528	16.1	0.0	6.2	6.2	7.6
2	17.0	26.5	21.3	74.3	18.037	15.5	0.2	2.8	3.0	5.0
3	16.5	27.5	21.5	72.1	17.741	15.4	0.0	0.0	0.0	4.6
4	16.7	28.6	20.8	78.2	18.580	16.0	0.4	0.0	0.4	5.7
5	16.3	28.3	22.4	74.3	19.268	16.7	0.2	0.0	0.2	6.3
6	16.5	26.2	20.8	80.9	19.420	16.9	3.5	0.0	3.5	3.2
7	14.5	27.3	20.8	76.6	17.943	15.6	0.0	0.7	0.7	6.3
8	16.5	22.2	19.3	88.0	19.772	17.3	0.0	0.0	0.0	0.0
9	14.5	27.5	20.1	79.2	18.295	16.0	0.0	0.2	0.2	5.4
10	15.5	25.4	20.0	76.4	17.552	15.3	2.8	0.0	2.8	3.3
11	13.0	26.0	20.0	81.4	18.469	16.1	1.1	3.6	4.7	5.5
12	16.0	26.3	20.8	77.6	18.212	15.8	0.0	0.0	0.0	5.4
13	14.5	28.2	21.0	78.3	18.619	16.2	0.0	11.5	11.5	6.0
14	14.0	25.5	18.7	77.6	16.217	14.0	0.0	1.7	1.7	5.9
15	13.0	26.5	19.0	77.6	16.356	14.1	0.0	0.0	0.0	4.6
16	14.0	25.0	19.1	75.3	16.055	13.8	0.0	0.0	0.0	6.4
17	14.5	23.5	17.2	89.7	18.253	16.0	4.0	0.0	4.0	3.2
18	11.5	24.0	18.2	76.0	15.145	13.1	0.0	0.0	0.0	7.6
19	12.6	24.6	20.0	70.6	15.558	13.6	0.0	0.0	0.0	4.8
20	13.0	25.5	19.2	73.0	15.677	13.6	0.0	1.8	1.8	5.0
21	15.0	26.5	20.5	76.9	17.996	15.8	0.7	0.0	0.7	2.2
22	17.0	27.0	20.8	74.5	17.757	15.4	1.7	3.0	4.7	5.1
23	15.6	28.3	20.7	77.6	18.450	16.0	17.7	0.0	17.7	5.2
24	15.5	25.0	18.9	89.1	19.685	17.2	0.0	0.0	0.0	3.7
25	14.5	27.3	20.9	66.2	15.819	13.8	0.0	0.0	0.0	6.7
26	15.5	28.0	20.9	74.9	17.782	15.4	0.3	12.9	13.2	5.2
27	14.1	26.3	20.2	80.4	18.399	16.0	0.2	15.4	15.6	5.2
28	17.1	22.5	19.5	85.3	19.379	17.0	0.0	3.1	3.1	0.5
29	14.6	26.0	19.7	75.9	16.922	14.6	0.0	3.7	3.7	5.6
30	16.3	23.0	18.9	86.8	19.105	16.8	8.1	0.0	8.1	0.8
PROM.	15.1	26.1	20.1	77.9	17.833	15.5	40.9	66.6	107.5	142.2

## 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	15.6	26.0	19.2	76.4	16.392	14.1	0.0	0.0	0.0	2.7
2	15.5	27.6	20.5	77.4	17.957	15.4	0.0	0.0	0.0	6.0
3	17.5	25.0	20.0	78.8	18.355	16.0	3.5	19.1	22.6	2.5
4	16.0	24.3	19.6	83.7	18.876	16.5	0.5	0.0	0.5	0.9
5	16.5	25.0	18.9	80.9	17.475	15.1	0.5	0.2	0.7	1.8
6	15.6	25.0	19.0	78.4	17.008	14.8	1.3	2.5	3.8	3.3
7	16.0	25.5	19.6	68.7	15.174	13.1	0.0	0.0	0.0	6.4
8	14.5	26.0	19.8	74.0	16.355	14.2	0.0	0.3	0.3	5.5
9	15.3	26.1	19.3	77.0	16.602	14.4	5.4	15.8	21.2	4.4
10	15.1	23.3	19.1	80.2	17.402	15.2	0.8	0.0	0.8	0.2
11	14.0	26.1	20.0	74.2	16.758	14.7	0.0	0.0	0.0	4.1
12	15.5	26.5	20.3	75.4	17.384	15.0	0.0	15.4	15.4	4.8
13	14.5	25.3	20.0	75.4	16.775	14.4	0.0	0.0	0.0	3.8
14	15.5	24.0	19.4	77.4	17.087	14.8	0.0	0.0	0.0	1.0
15	14.5	25.0	20.2	82.9	19.374	16.9	0.3	0.0	0.3	2.8
16	14.0	25.5	19.9	79.0	17.794	15.5	0.0	2.8	2.8	2.3
17	16.5	22.2	18.5	85.1	18.208	16.0	17.8	0.0	17.8	0.2
18	14.4	26.3	20.9	73.7	17.265	14.9	0.0	32.5	32.5	6.7
19	15.0	25.3	19.9	61.7	13.532	11.1	0.0	4.8	4.8	7.8
20	16.0	24.3	20.4	78.8	18.343	15.8	0.0	0.0	0.0	2.4
21	15.5	27.0	20.4	74.1	17.335	15.0	0.0	0.0	0.0	3.3
22	15.4	28.0	20.4	77.0	18.107	15.7	2.1	0.0	2.1	3.9
23	16.5	26.5	20.5	76.7	18.080	15.8	0.0	0.0	0.0	4.3
24	15.5	28.5	20.2	78.6	18.307	16.0	30.0	0.0	30.0	5.7
25	15.0	28.0	21.3	78.1	18.679	16.1	0.0	0.0	0.0	5.5
26	16.5	25.0	19.9	80.8	18.573	16.3	1.3	0.0	1.3	0.0
27	14.0	25.5	20.0	75.4	16.895	14.7	0.0	0.0	0.0	3.5
28	14.5	27.5	21.3	68.2	16.185	14.1	0.0	0.0	0.0	6.2
29	15.6	25.5	20.8	75.0	18.180	15.9	0.0	21.4	21.4	0.8
30	16.7	25.0	19.4	77.4	17.194	14.9	13.9	0.0	13.9	1.5
31	15.6	25.5	19.3	81.5	17.944	15.7	1.2	42.0	43.2	4.6
PROM.	15.4	25.7	19.9	76.8	17.407	15.1	78.6	156.8	235.4	108.9

ESTACION: ARTURO GOMEZ

MUNICIPIO ALCALA

AÑO: 1.983

ALTITUD: 1.320

LATITUD: 4-40 N.

LONGITUD: 75-48 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	16.9	29.0	22.6	15.4	31.5	70.3	18.180	15.8	43.6	7	166.9
FEBRERO	17.0	29.9	22.7	14.8	32.0	64.8	16.488	14.2	48.7	8	150.4
MARZO	16.9	28.3	21.7	14.6	31.0	71.6	17.768	15.4	137.8	18	130.3
ABRIL	16.4	26.3	20.9	14.0	29.5	75.7	18.067	15.7	467.9	23	87.3
MAYO	17.2	27.5	21.8	14.2	30.0	74.7	19.066	16.6	313.3	25	142.7
JUNIO	17.2	27.9	22.6	13.5	30.9	73.4	19.357	16.8	94.0	15	147.7
JULIO	16.4	27.9	22.2	12.5	31.4	72.5	18.460	15.9	113.3	15	183.0
AGOSTO	15.8	28.2	22.1	12.5	32.3	69.3	17.159	14.8	57.3	13	179.3
SEPTIEMBRE	16.2	27.3	21.0	14.5	30.0	76.3	18.324	15.9	92.1	23	152.0
OCTUBRE	15.5	26.5	20.2	13.5	31.3	77.8	17.919	15.6	166.0	19	112.6
NOVIEMBRE	15.1	26.1	20.1	11.5	28.6	77.9	17.833	15.5	107.5	21	142.2
DICEMBRE	15.4	25.7	19.9	14.0	28.5	76.8	17.407	15.1	235.4	19	108.9
PROMEDIO	16.3	27.6	21.5	13.8	30.6	73.4	18.002	15.6			
TOTAL									1876.9	206	1703.3

ESTACION: HERACLIO URIBE

MUNICIPIO: SEVILLA

AÑO

1.983

ALTITUD: 1.540

LATITUD: 4-16 N.

LONGITUD: 75-55 W.

## M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	25.0	18.8	81.2	18.008	15.7	0.0	0.0	0.0	0.0
2	14.5	25.3	17.9	85.3	19.304	16.9	0.0	0.5	0.5	3.8
3	16.3	23.5	18.0	82.9	17.157	15.0	0.0	0.0	0.0	1.0
4	15.0	23.0	17.1	82.8	16.685	14.6	0.0	0.0	0.0	0.6
5	14.5	24.4	18.5	85.8	18.677	16.4	0.0	0.0	0.0	0.8
6	14.8	26.0	19.0	79.4	17.763	15.6	0.0	0.0	0.0	2.2
7	14.8	27.3	19.6	76.3	17.412	15.2	0.0	0.0	0.0	4.7
8	17.5	26.5	22.4	77.6	20.160	17.5	0.0	0.0	0.0	5.1
9	16.5	27.0	19.3	78.3	17.904	15.7	0.0	0.0	0.0	4.1
10	17.0	27.0	21.1	81.6	19.988	17.5	0.0	0.0	0.0	4.7
11	18.0	27.0	21.1	78.9	19.352	17.0	0.0	0.0	0.0	4.3
12	17.5	25.0	19.3	85.4	19.448	17.0	0.0	0.0	0.0	0.8
13	17.5	26.0	20.4	82.8	19.557	17.2	0.0	0.0	0.0	3.7
14	17.5	27.5	21.7	76.6	19.881	17.3	0.0	0.0	0.0	4.9
15	17.6	27.5	20.4	78.6	19.014	16.7	0.0	0.0	0.0	5.0
16	18.5	27.0	21.8	74.1	19.157	16.8	2.7	0.0	2.7	5.5
17	17.5	26.5	21.2	79.5	19.652	17.2	0.0	0.0	0.0	4.9
18	16.5	26.5	21.1	75.1	18.689	16.3	0.0	0.0	0.0	4.1
19	17.5	28.0	21.3	64.6	16.404	14.4	0.0	0.0	0.0	7.0
20	17.5	26.5	21.6	79.0	19.996	17.5	0.0	0.0	0.0	2.7
21	17.5	27.5	21.4	80.0	20.156	17.6	0.0	0.0	0.0	4.0
22	17.5	28.5	21.9	71.8	18.568	16.3	0.0	0.0	0.0	5.6
23	17.1	28.0	20.9	75.4	18.176	15.9	0.0	0.0	0.0	5.5
24	17.0	27.5	21.3	75.2	18.463	16.2	0.0	0.0	0.0	5.0
25	16.5	28.5	21.8	73.7	18.585	16.3	0.0	0.0	0.0	7.1
26	16.5	27.0	21.5	76.8	19.217	16.8	0.0	0.0	0.0	2.3
27	17.0	23.0	19.1	89.9	20.253	17.7	4.4	0.0	4.4	0.0
28	17.3	27.0	20.9	78.9	19.099	16.8	0.3	0.0	0.3	3.0
29	17.3	27.0	19.9	77.0	17.968	15.8	0.0	0.0	0.0	3.2
30	16.5	28.0	19.6	72.2	16.860	14.7	0.0	0.0	0.0	5.0
31	16.0	26.0	18.6	84.7	18.626	16.4	0.5	0.7	1.2	1.1
PROM.	16.7	26.5	20.3	78.9	18.717	16.4	7.9	1.2	9.1	111.7

## M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.3	26.5	20.9	79.0	18.927	16.6	0.0	0.0	0.0	3.3
2	16.5	27.0	21.3	72.5	17.469	14.9	0.0	0.0	0.0	3.5
3	17.5	29.0	21.6	72.2	18.308	16.0	0.0	0.0	0.0	5.5
4	16.5	27.0	21.5	71.9	17.886	15.7	0.0	16.2	16.2	4.0
5	15.5	26.0	18.6	73.2	16.226	14.0	0.0	0.0	0.0	3.7
6	16.5	26.0	20.8	74.4	17.750	15.6	0.0	22.2	22.2	3.0
7	16.8	24.5	18.7	83.6	18.067	15.9	5.8	13.6	19.4	1.8
8	15.5	25.0	18.4	82.3	17.487	15.4	0.0	0.0	0.0	4.9
9	15.5	27.0	19.8	78.7	17.893	15.8	0.0	0.0	0.0	4.4
10	16.5	27.0	19.6	84.3	19.344	17.0	9.0	0.0	9.0	4.4
11	17.0	26.5	20.4	79.0	18.645	16.4	0.0	0.0	0.0	4.2
12	17.5	27.0	20.7	75.9	18.269	16.1	0.0	0.0	0.0	4.4
13	16.0	27.0	21.0	70.0	16.576	14.5	0.0	0.0	0.0	6.6
14	16.4	27.5	21.1	71.9	17.182	15.1	0.0	0.0	0.0	5.9
15	16.5	28.0	21.6	70.5	17.953	15.8	0.0	0.0	0.0	6.4
16	15.9	27.0	21.2	75.9	18.574	16.3	0.0	0.0	0.0	5.9
17	16.5	27.0	21.5	74.1	18.491	16.2	0.0	0.0	0.0	4.8
18	15.5	26.4	19.9	78.9	18.418	16.2	0.3	0.0	0.3	3.5
19	16.5	26.5	21.7	77.1	19.462	17.1	0.0	0.0	0.0	5.4
20	15.5	28.0	21.7	74.0	18.389	16.1	0.0	0.0	0.0	6.6
21	17.5	27.4	21.3	74.3	18.164	15.9	0.0	0.0	0.0	5.0
22	17.5	28.5	22.0	74.6	19.470	17.1	0.0	0.0	0.0	5.1
23	16.5	28.0	21.7	77.6	19.781	17.3	0.0	0.0	0.0	4.0
24	17.5	28.0	20.8	75.5	18.443	16.2	0.0	0.0	0.0	4.4
25	17.5	27.0	21.4	84.0	20.930	18.2	0.0	0.0	0.0	2.6
26	16.5	28.5	22.9	67.0	17.877	15.6	0.0	0.0	0.0	5.6
27	16.5	29.0	21.9	71.2	18.015	15.9	0.0	0.0	0.0	6.8
28	17.6	28.3	22.3	71.8	18.917	16.6	0.0	0.1	0.1	6.4
PROM.	16.6	27.2	20.9	75.6	18.318	16.1	15.1	52.1	67.2	132.1

ESTACION: HERACLIO URIBE

MUNICIPIO: SEVILLA

AÑO: 1.983

ALTITUD: 1.540

LATITUD: 4-16 N.

LONGITUD: 75-55 W.

## M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	26.5	21.1	80.6	20.117	17.6	0.1	0.0	0.1	1.9
2	17.5	25.5	20.6	78.8	19.147	16.8	0.1	0.0	0.1	1.6
3	16.5	25.5	19.8	84.3	19.554	17.1	9.3	0.8	10.1	1.2
4	16.5	27.5	20.9	79.2	19.185	16.8	0.0	0.0	0.0	3.6
5	16.5	26.6	21.8	76.5	19.219	16.9	0.0	0.0	0.0	3.7
6	16.5	25.5	19.6	82.1	19.015	16.7	0.0	6.9	6.9	0.7
7	16.5	22.4	18.2	92.4	19.506	17.1	7.9	7.0	14.9	0.0
8	16.5	23.5	19.4	88.3	19.925	17.4	4.9	17.1	22.0	0.0
9	16.0	27.0	19.1	85.6	19.151	16.8	1.5	0.0	1.5	1.6
10	16.5	22.5	18.6	90.9	19.819	17.3	37.0	0.7	37.7	0.0
11	14.5	25.5	19.8	82.2	18.809	16.5	0.0	0.0	0.0	3.9
12	16.5	26.3	21.6	73.7	18.566	16.3	0.0	0.0	0.0	5.4
13	16.5	27.0	20.7	79.0	19.288	16.9	0.0	4.8	4.8	4.1
14	16.7	24.5	20.7	84.1	20.460	17.8	1.8	0.0	1.8	0.1
15	15.3	26.5	21.2	81.1	20.086	17.6	0.0	0.1	0.1	3.3
16	17.0	28.0	21.9	74.2	18.951	16.6	0.0	0.0	0.0	5.9
17	16.5	24.4	18.9	91.2	20.668	18.0	23.1	0.0	23.1	1.5
18	14.5	26.3	21.7	70.6	17.651	15.5	0.0	0.0	0.0	6.5
19	16.5	27.5	22.1	75.5	19.663	17.2	0.0	0.0	0.0	5.6
20	16.5	27.0	22.0	75.1	19.336	17.0	0.0	0.0	0.0	4.0
21	16.5	26.0	21.1	76.8	18.867	16.6	0.0	0.0	0.0	4.1
22	15.5	27.0	21.2	73.2	18.310	16.1	0.0	0.0	0.0	5.4
23	15.4	28.5	20.7	77.9	18.747	16.5	2.6	0.5	3.1	4.9
24	16.5	24.5	19.3	88.3	20.156	17.6	0.3	5.8	6.1	0.9
25	15.5	19.3	17.6	96.3	19.570	17.1	20.9	2.5	23.4	0.0
26	15.5	22.5	18.3	87.0	18.419	16.2	2.2	17.8	20.0	0.6
27	14.5	24.5	18.5	85.6	18.493	16.2	0.9	4.9	5.8	2.2
28	15.8	25.5	20.0	82.4	19.298	16.9	0.0	1.2	1.2	5.3
29	15.5	26.3	18.7	76.0	16.707	14.6	41.6	8.0	49.6	4.8
30	13.5	25.0	19.5	78.8	17.503	15.4	0.0	0.0	0.0	6.5
31	15.5	26.5	20.9	80.4	19.803	17.3	0.0	0.0	0.0	6.5
PROM.	16.0	25.5	20.2	81.6	19.162	16.8	154.2	78.1	232.3	94.6

## 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	16.5	26.5	20.9	75.4	18.328	16.1	0.0	0.0	0.0	4.5
2	15.5	26.0	20.5	82.2	19.766	17.3	0.0	0.0	0.0	4.8
3	16.1	26.0	19.3	83.1	18.866	16.6	24.8	0.0	24.8	0.4
4	16.4	24.5	20.4	83.9	20.091	17.6	0.0	0.0	0.0	4.1
5	16.5	28.0	20.1	78.6	18.686	16.4	16.2	15.5	31.7	4.8
6	15.8	24.6	18.8	88.1	19.282	16.9	8.3	1.2	9.5	2.3
7	15.8	22.0	17.6	90.8	18.854	16.5	21.1	0.0	21.1	0.0
8	14.5	24.3	19.3	75.1	16.494	14.5	0.0	23.7	23.7	2.1
9	16.0	19.9	17.2	96.6	19.313	16.9	5.1	17.1	22.2	0.0
10	14.6	25.0	20.2	82.5	19.227	16.9	0.1	27.3	27.4	2.5
11	15.5	23.5	17.8	87.9	18.264	16.1	25.7	0.6	26.3	0.1
12	14.5	24.5	19.1	94.3	20.553	18.2	3.3	9.0	12.3	4.3
13	16.5	22.3	18.9	90.9	19.998	17.5	24.5	18.4	42.9	0.0
14	16.0	22.3	18.2	86.7	18.437	16.2	20.0	0.0	20.0	0.3
15	16.5	26.0	19.4	81.0	18.697	16.4	0.9	31.4	32.3	5.1
16	15.5	23.5	18.4	93.3	20.063	17.5	9.5	0.0	9.5	1.6
17	14.5	22.6	17.6	94.7	19.287	16.9	29.9	5.2	35.1	2.8
18	16.2	23.0	18.2	94.3	20.226	17.6	4.1	0.2	4.3	1.0
19	14.0	24.5	18.2	85.3	17.870	15.7	0.0	0.0	0.0	6.0
20	16.5	26.0	19.7	85.6	20.044	17.5	0.0	0.0	0.0	1.3
21	15.5	22.5	17.5	95.8	19.723	17.2	1.8	3.7	5.5	0.8
22	14.5	23.0	18.1	87.2	18.280	16.1	0.0	0.0	0.0	1.9
23	15.5	25.6	19.9	81.5	18.838	16.5	1.0	7.6	8.6	4.9
24	16.0	23.5	18.6	80.3	17.434	15.3	0.4	0.0	0.4	2.5
25	15.5	25.5	19.1	83.6	18.552	16.3	0.0	4.3	4.3	3.2
26	16.0	23.0	18.2	90.7	19.635	17.2	12.1	3.5	15.6	0.1
27	16.3	23.3	18.7	86.3	19.127	16.7	1.4	2.1	3.5	1.0
28	14.5	20.5	17.6	95.2	19.479	17.0	28.5	0.0	28.5	0.2
29	15.0	23.5	18.9	87.4	19.029	16.7	0.0	31.1	31.1	1.3
30	14.5	24.0	19.2	81.7	18.099	15.9	0.0	21.9	21.9	2.4
PROM	15.6	24.0	18.9	86.7	19.031	16.7	238.7	223.8	462.5	66.3

ESTACION: HERACLIO URIBE

MUNICIPIO: SEVILLA

AÑO: 1.983

ALTITUD: 1.540

LATITUD: 4-16 N.

LONGITUD: 75-55 W.

## M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	24.5	20.3	82.0	19.151	16.8	0.0	0.0	0.0	4.4
2	16.5	24.3	19.3	87.7	20.176	17.6	0.4	25.6	26.0	1.4
3	14.5	24.4	19.7	86.4	19.819	17.3	0.0	2.0	2.0	1.3
4	16.5	24.0	18.9	85.6	18.850	16.6	2.7	0.0	2.7	0.5
5	16.5	25.5	19.5	80.8	18.569	16.3	0.0	0.8	0.8	3.2
6	16.5	22.4	18.8	89.1	19.563	17.1	0.2	0.0	0.2	0.8
7	16.4	23.5	18.8	88.5	19.434	17.1	0.4	0.0	0.4	1.2
8	14.8	25.8	19.2	85.1	19.200	16.8	0.0	0.0	0.0	5.9
9	16.5	26.5	20.0	79.7	18.784	16.5	1.4	2.5	3.9	6.4
10	16.5	27.0	20.9	82.4	20.240	17.7	0.1	0.6	0.7	6.1
11	16.5	25.5	20.1	83.2	19.838	17.4	0.0	4.3	4.3	4.6
12	17.0	25.0	19.9	83.2	19.494	17.1	0.0	0.0	0.0	1.3
13	15.3	25.3	19.2	83.3	18.668	16.4	0.0	0.0	0.0	3.6
14	15.6	25.0	20.0	80.8	18.653	16.5	0.0	0.0	0.0	4.1
15	16.6	24.6	20.5	84.1	20.299	17.7	0.0	11.3	11.3	2.5
16	16.2	24.0	18.4	85.7	18.246	16.1	7.8	0.5	8.3	2.0
17	14.5	24.5	19.3	86.8	19.369	17.0	0.2	43.7	43.9	3.7
18	15.0	22.0	18.1	92.4	19.337	17.0	8.1	2.1	10.2	0.3
19	15.5	23.6	19.1	85.7	18.945	16.6	0.0	0.0	0.0	2.4
20	16.5	22.5	18.5	84.3	18.048	15.8	9.8	0.0	9.8	0.0
21	15.5	25.0	18.6	81.9	17.918	15.8	6.0	0.0	6.0	5.3
22	15.0	26.0	19.4	85.7	19.432	17.0	0.0	0.0	0.0	4.8
23	15.5	26.0	20.0	84.5	20.093	17.6	1.3	0.6	1.9	3.9
24	16.5	23.5	19.2	88.9	20.154	17.6	7.1	0.0	7.1	2.1
25	15.5	25.0	19.2	84.8	18.996	16.7	3.2	0.0	3.2	4.7
26	15.8	25.0	19.6	86.1	19.761	17.3	35.6	0.0	35.6	1.9
27	15.5	24.0	19.6	91.9	20.743	18.0	0.0	7.2	7.2	2.2
28	16.5	21.5	17.9	91.0	19.028	16.7	58.2	12.6	70.8	0.0
29	15.5	24.5	18.8	84.0	18.192	16.0	0.4	0.0	0.4	5.0
30	15.6	25.5	19.4	84.2	19.179	16.8	0.0	0.0	0.0	3.9
31	15.8	26.0	20.7	76.9	18.503	16.3	0.0	0.0	0.0	6.3
PROM.	15.9	24.6	19.4	85.1	19.249	16.9	142.9	113.8	256.7	95.8

## M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.7	23.5	20.3	83.5	19.683	17.2	4.3	0.0	4.3	0.3
2	15.8	25.6	19.9	85.4	20.288	17.7	0.0	0.0	0.0	5.4
3	16.5	22.5	18.8	87.1	19.087	16.8	2.9	1.2	4.1	0.0
4	15.5	22.3	18.6	90.4	19.554	17.1	0.5	26.6	27.1	0.5
5	15.5	22.4	18.3	88.7	18.718	16.4	0.0	0.0	0.0	1.8
6	15.3	24.5	19.6	84.5	19.246	16.9	7.7	0.0	7.7	3.9
7	15.5	24.5	19.1	78.5	17.409	15.2	1.7	19.1	20.8	4.8
8	14.8	19.3	17.2	92.2	18.334	16.1	4.8	0.0	4.8	0.0
9	12.5	23.5	17.8	84.9	17.417	15.3	0.0	0.0	0.0	8.4
10	15.0	25.5	18.9	77.1	17.206	15.1	0.0	0.4	0.4	7.5
11	16.5	22.5	18.3	88.9	19.087	16.7	31.5	0.0	31.5	1.7
12	14.0	25.0	19.8	82.2	18.823	16.5	0.0	0.1	0.1	6.4
13	16.4	25.1	19.3	85.3	19.356	17.0	1.4	0.0	1.4	4.4
14	15.5	26.0	19.9	83.4	19.418	17.0	0.0	0.0	0.0	6.3
15	16.3	26.5	21.4	79.2	20.041	17.5	0.0	0.0	0.0	5.7
16	16.5	25.0	19.3	82.7	19.111	16.7	2.6	0.3	2.9	3.5
17	15.8	24.3	18.1	81.9	17.459	15.3	0.0	0.0	0.0	3.6
18	15.3	27.0	19.4	76.9	17.592	15.4	0.0	0.0	0.0	8.5
19	15.5	26.0	20.9	77.3	18.748	16.5	0.0	0.0	0.0	4.6
20	16.0	24.0	18.9	83.2	18.217	16.0	0.0	0.0	0.0	0.9
21	14.5	27.5	21.2	77.0	19.139	16.8	0.0	0.0	0.0	8.2
22	14.9	26.0	19.9	77.6	18.053	15.8	2.2	0.4	2.6	6.2
23	16.5	26.0	19.8	80.2	18.647	16.4	0.0	0.0	0.0	4.7
24	14.5	25.3	19.7	78.4	17.850	15.7	0.0	0.0	0.0	7.0
25	13.0	26.5	21.6	68.0	17.306	15.2	0.0	0.0	0.0	8.5
26	16.5	26.0	20.2	83.3	19.933	17.5	0.0	0.0	0.0	4.2
27	15.5	25.5	19.5	82.7	18.657	16.4	0.0	0.0	0.0	5.5
28	15.5	24.0	19.0	80.6	17.590	15.5	0.0	0.0	0.0	1.2
29	14.5	24.0	19.0	85.9	18.982	16.7	0.6	0.0	0.6	1.5
30	14.5	25.0	19.5	81.0	18.264	16.1	0.0	0.0	0.0	4.9
PROM.	15.3	24.7	19.4	82.3	18.641	16.4	60.2	48.1	108.3	130.1

ESTACION: HERACLIO URIBE  
 ALTITUD: 1.540

MUNICIPIO: SEVILLA AÑO: 1.983  
 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	15.2	24.0	18.9	81.9	17.848	15.7	0.0	0.0	0.0	3.1
2	15.0	26.0	18.2	82.7	17.623	15.5	0.0	0.0	0.0	3.8
3	15.5	25.5	20.2	77.7	18.180	16.0	0.0	0.0	0.0	4.6
4	15.2	24.5	18.7	85.4	19.047	16.7	7.7	0.0	7.7	3.0
5	14.8	25.5	19.2	79.2	17.761	15.6	0.0	0.0	0.0	3.6
6	14.5	25.5	19.6	77.7	17.673	15.5	0.0	0.0	0.0	7.7
7	15.8	26.5	19.4	84.1	15.101	16.7	0.3	9.0	9.3	4.2
8	15.4	23.0	18.8	88.3	19.256	16.9	2.4	14.9	17.3	3.4
9	15.2	23.5	18.7	93.6	20.022	17.5	0.3	1.2	1.5	1.4
10	14.5	25.0	18.9	83.2	18.284	16.1	0.0	0.0	0.0	6.0
11	14.5	24.5	19.0	78.4	17.003	14.8	0.0	0.0	0.0	3.2
12	14.3	27.5	20.1	73.5	16.664	14.4	0.0	0.0	0.0	7.0
13	15.6	28.0	20.6	74.7	17.601	15.4	0.0	0.0	0.0	8.6
14	15.5	25.6	20.1	76.6	18.166	16.0	0.0	0.0	0.0	6.6
15	15.5	26.0	19.4	81.8	18.794	16.5	0.4	0.0	0.4	4.4
16	15.5	25.0	20.0	80.2	18.482	16.3	0.0	0.5	0.5	3.9
17	15.5	25.5	20.2	78.8	18.373	16.2	0.0	0.0	0.0	7.0
18	16.0	27.5	19.9	75.4	17.222	15.1	0.0	0.0	0.0	8.5
19	15.3	26.5	20.1	76.8	18.121	15.9	0.0	0.0	0.0	5.3
20	16.5	27.3	21.9	66.5	17.294	15.0	0.0	0.0	0.0	7.3
21	15.8	26.0	19.8	74.6	17.122	15.0	0.0	0.0	0.0	3.7
22	15.8	22.5	18.9	86.8	19.202	16.8	4.1	0.0	4.1	1.1
23	15.3	23.0	19.0	77.5	16.805	14.8	0.0	0.0	0.0	2.2
24	13.3	27.5	21.2	68.8	16.623	14.5	0.0	0.0	0.0	9.4
25	14.0	27.3	20.7	59.3	13.705	11.2	0.0	0.0	0.0	9.2
26	14.4	24.0	20.3	63.4	15.025	12.9	0.0	0.0	0.0	8.9
27	14.5	24.0	20.3	75.9	17.826	15.7	0.0	0.0	0.0	4.1
28	14.5	25.0	21.2	72.2	17.435	15.3	0.0	0.0	0.0	5.4
29	16.5	26.3	21.0	75.7	18.339	16.1	0.0	0.4	0.4	4.4
30	15.5	23.6	20.3	77.4	18.108	15.9	0.0	0.1	0.1	1.1
31	15.5	24.5	19.6	82.7	18.565	16.2	4.9	0.0	4.9	2.0
PROM.	15.2	25.5	19.9	77.8	17.783	15.6	20.1	26.1	46.2	154.1

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	14.5	25.5	18.8	75.8	16.380	14.3	0.0	0.0	0.0	5.0
2	15.3	24.6	20.9	73.7	17.511	15.3	0.0	0.0	0.0	4.0
3	14.5	25.0	19.7	77.6	17.744	15.6	0.0	0.0	0.0	2.7
4	14.5	25.0	20.5	73.1	17.344	15.2	0.0	0.6	0.6	1.8
5	16.0	24.5	18.6	89.6	19.471	17.1	1.8	0.0	1.8	2.3
6	14.5	24.5	20.3	72.0	17.010	14.9	0.0	0.0	0.0	6.0
7	15.6	26.8	21.5	67.4	16.814	14.6	0.0	0.0	0.0	8.3
8	14.5	27.0	21.4	66.9	16.859	14.8	0.0	0.0	0.0	6.7
9	14.5	27.5	21.5	64.1	15.387	13.4	0.0	0.0	0.0	8.9
10	14.5	28.5	21.9	57.4	13.722	11.2	0.0	0.0	0.0	8.2
11	13.5	27.5	20.9	69.3	16.078	14.0	0.0	0.0	0.0	8.3
12	15.4	25.5	19.6	81.7	18.630	16.4	0.3	0.0	0.3	2.6
13	14.5	28.5	22.9	65.6	16.758	14.7	0.0	0.0	0.0	9.3
14	14.8	29.5	22.8	66.4	17.372	15.2	0.0	0.0	0.0	7.9
15	16.3	27.5	21.5	72.1	17.917	15.7	0.0	0.0	0.0	8.2
16	16.5	28.0	21.1	72.1	17.956	15.8	0.0	0.0	0.0	8.1
17	14.5	27.5	21.5	71.1	17.754	15.6	0.0	0.0	0.0	6.8
18	16.5	24.3	19.3	77.3	17.204	15.1	0.0	0.8	0.8	1.5
19	15.5	24.6	20.0	75.2	17.233	15.2	0.0	0.0	0.0	6.2
20	14.5	27.5	20.6	75.5	17.559	15.4	7.4	0.0	7.4	3.4
21	14.5	25.5	20.6	77.7	18.474	16.2	0.0	0.0	0.0	4.4
22	16.5	29.0	22.0	68.3	17.316	15.2	0.0	0.0	0.0	9.0
23	16.5	27.0	20.0	74.0	17.215	15.1	0.0	0.0	0.0	5.7
24	17.0	24.4	19.9	81.1	18.799	16.5	0.0	0.0	0.0	1.7
25	14.8	26.0	19.7	77.4	17.481	15.4	0.0	0.0	0.0	2.9
26	14.8	24.0	20.4	79.0	18.763	16.5	0.0	0.0	0.0	1.9
27	14.5	26.5	21.8	66.8	16.228	14.2	0.0	2.4	2.4	4.1
28	15.5	22.5	18.5	92.2	19.513	17.1	14.0	0.0	14.0	0.8
29	15.3	23.0	18.2	85.6	18.005	15.8	1.9	0.0	1.9	1.5
30	14.5	26.5	18.3	78.7	16.572	14.6	0.0	0.0	0.0	6.4
31	14.5	27.3	20.2	73.9	17.179	15.1	0.0	0.0	0.0	5.1
PROM.	15.1	26.2	20.5	74.1	17.363	15.2	25.4	3.8	29.2	159.7

ESTACION: HERACLIO URIBE  
 ALTITUD: 1.540

MUNICIPIO: SEVILLA AÑO: 1.983  
 LATITUD: 4-16 N. LONGITUD: 75-55 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor, mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	26.0	19.2	80.7	17.572	15.8	17.5	0.0	17.5	4.3
2	15.3	26.5	19.4	82.3	18.596	16.3	4.6	0.0	4.6	4.3
3	15.5	22.5	19.5	82.4	18.876	16.6	0.0	0.0	0.0	0.4
4	14.0	25.0	20.4	73.9	17.097	14.9	0.0	0.0	0.0	6.1
5	15.5	25.6	19.1	80.2	17.588	15.3	0.7	7.2	7.9	2.7
6	15.3	23.5	18.1	88.0	18.526	16.3	0.4	0.2	0.6	1.0
7	15.0	23.0	19.3	78.5	17.365	15.3	0.0	0.0	0.0	3.7
8	13.5	25.5	18.5	81.9	17.672	15.6	12.5	0.1	12.6	3.7
9	14.3	24.4	19.8	77.4	17.296	15.1	0.0	0.0	0.0	3.8
10	14.5	23.0	19.9	77.1	17.363	15.2	0.0	0.0	0.0	1.2
11	14.0	24.5	20.1	78.8	18.143	16.0	0.0	0.0	0.0	4.0
12	14.5	26.0	19.0	77.5	16.778	14.7	0.0	0.0	0.0	6.8
13	15.5	25.0	19.4	76.4	17.360	15.3	0.3	0.0	0.3	3.6
14	15.5	23.5	18.5	83.0	17.842	15.7	0.0	0.0	0.0	4.3
15	14.5	23.5	19.1	78.1	17.026	15.0	0.0	0.0	0.0	1.9
16	14.5	23.5	18.5	84.7	16.372	16.2	5.0	0.0	5.0	2.3
17	14.5	24.0	18.9	80.7	17.685	15.5	0.0	0.0	0.0	3.4
18	14.5	25.5	20.5	74.9	17.247	15.2	0.0	0.0	0.0	4.5
19	14.4	24.3	18.9	77.0	16.849	14.8	0.0	0.0	0.0	4.9
20	14.5	26.3	20.6	73.5	17.405	15.2	0.0	0.0	0.0	5.6
21	14.5	25.5	19.8	74.0	16.826	14.7	0.0	0.0	0.0	2.9
22	14.5	23.5	18.9	80.6	17.243	15.1	0.9	0.0	0.9	3.5
23	14.5	26.0	20.6	75.5	17.689	15.6	0.0	0.0	0.0	6.6
24	15.5	25.5	19.7	75.8	17.321	15.2	0.0	0.0	0.0	5.3
25	14.5	26.8	20.7	75.6	18.100	15.9	0.0	0.0	0.0	7.2
26	15.5	27.0	20.9	70.1	17.237	15.2	0.0	0.0	0.0	5.4
27	14.6	28.0	21.5	71.9	17.698	15.5	0.0	0.0	0.0	5.8
28	15.0	24.0	19.1	85.3	18.800	16.5	0.4	0.0	0.4	0.9
29	15.5	26.0	20.9	73.3	17.860	15.7	0.0	0.0	0.0	5.4
30	15.5	26.5	19.3	78.7	17.646	15.5	0.3	0.0	0.3	3.8
PROM.	14.8	25.0	19.6	78.3	17.650	15.5	42.6	17.8	60.4	119.3

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor, mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	24.0	20.0	79.5	18.231	16.0	0.0	0.1	0.1	1.1
2	15.5	26.5	20.5	77.5	18.152	15.9	0.0	0.5	0.5	3.8
3	14.5	24.5	18.4	84.2	17.839	15.7	0.3	0.0	0.3	1.5
4	14.5	25.0	18.4	81.4	17.270	15.2	0.0	0.0	0.0	3.9
5	15.4	25.0	20.9	74.3	17.895	15.8	0.0	0.0	0.0	4.1
6	14.5	27.0	19.7	75.3	17.356	15.2	0.0	0.0	0.0	3.4
7	14.0	24.3	19.5	73.9	17.233	15.2	0.0	0.0	0.0	1.6
8	14.5	24.5	19.5	76.2	17.272	15.1	0.1	22.1	22.2	4.4
9	14.5	23.6	19.0	79.7	17.410	15.3	0.6	0.0	0.6	6.8
10	14.5	25.0	19.3	79.9	17.759	15.6	4.5	0.6	5.1	2.9
11	15.5	22.5	17.6	94.0	19.037	16.7	8.8	0.0	8.8	1.4
12	14.0	25.0	19.2	74.9	16.641	14.5	0.3	55.0	55.3	3.7
13	14.2	22.5	17.5	87.7	17.505	15.4	1.0	0.0	1.0	1.0
14	14.0	20.5	17.4	90.8	18.057	15.9	2.9	2.9	5.8	1.2
15	14.1	18.0	16.8	97.5	18.751	16.5	2.4	0.5	2.9	0.0
16	13.5	21.5	17.3	82.5	16.193	14.2	0.5	0.0	0.5	0.0
17	12.5	24.0	17.7	82.4	16.823	14.8	0.0	0.0	0.0	6.8
18	13.5	25.2	19.0	74.8	16.544	14.5	0.0	0.0	0.0	7.5
19	15.4	21.0	17.2	88.9	17.745	15.6	4.0	0.0	4.0	0.0
20	13.5	24.8	17.8	80.7	16.427	14.4	6.8	1.9	8.7	6.3
21	13.5	23.0	17.7	79.3	16.090	14.1	0.0	0.0	0.0	4.7
22	13.5	25.3	19.4	75.6	16.728	14.7	0.0	10.8	10.8	9.1
23	14.5	25.2	18.7	82.6	17.773	15.7	0.2	0.0	0.2	4.3
24	14.5	25.0	19.6	76.6	17.624	15.5	0.0	0.0	0.0	5.1
25	15.4	22.0	17.8	93.6	19.398	17.0	4.3	8.4	12.7	0.0
26	14.5	23.0	17.8	82.2	16.914	14.8	2.5	0.0	2.5	3.3
27	15.3	22.2	17.8	90.5	19.075	16.7	0.6	0.0	0.6	1.3
28	15.0	21.5	17.7	87.5	18.156	16.0	0.4	0.6	1.0	0.2
29	14.5	21.5	17.2	86.0	16.881	14.8	11.8	0.6	12.4	0.8
30	14.5	18.0	16.3	93.5	17.538	15.4	6.6	0.0	6.6	0.0
31	14.0	23.5	18.2	82.1	17.081	15.0	3.7	0.0	3.7	4.2
PROM.	14.4	23.4	18.4	82.8	17.529	15.4	62.3	104.0	166.3	94.4

ESTACION: HERACLIO URIBE

MUNICIPIO: SEVILLA

AÑO: 1.983

ALTITUD: 1.540

LATITUD: 4-16 N.

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	14.4	24.5	18.8	75.1	16.417	14.4	0.0	0.0	0.0	4.7
2	14.6	23.5	18.8	85.4	18.657	16.4	34.7	1.2	35.9	1.9
3	15.0	24.5	18.6	84.3	18.198	16.0	2.4	0.2	2.6	4.1
4	14.5	25.3	18.8	82.3	17.614	15.4	0.1	0.0	0.1	5.9
5	14.5	24.5	19.0	78.8	17.408	15.3	0.0	0.0	0.0	3.4
6	15.3	23.3	18.6	87.6	19.359	17.0	9.4	0.0	9.4	2.3
7	14.0	24.0	18.8	86.0	18.922	16.6	3.2	0.0	3.2	3.6
8	15.6	21.5	17.8	89.5	18.677	16.4	0.2	0.0	0.2	0.0
9	15.0	24.0	18.4	81.2	17.353	15.3	0.0	0.0	0.0	3.9
10	14.2	23.5	17.3	85.4	17.356	15.3	23.8	0.0	23.8	3.7
11	13.6	22.0	17.5	93.9	19.417	17.0	10.6	9.7	20.3	1.8
12	14.5	22.5	18.0	87.9	18.234	16.0	0.0	0.0	0.0	1.9
13	14.0	25.1	19.5	79.0	18.562	16.3	0.0	1.6	1.6	6.7
14	13.5	24.0	18.1	80.6	16.763	14.7	0.0	0.0	0.0	2.9
15	15.2	25.0	18.1	82.7	17.519	15.4	0.0	2.6	2.6	3.4
16	14.5	24.5	18.8	83.0	17.773	15.6	0.0	0.0	0.0	3.6
17	14.5	23.5	17.6	90.7	18.843	16.5	6.2	0.0	6.2	2.0
18	13.6	24.0	17.0	86.1	16.950	14.9	0.0	0.0	0.0	3.6
19	14.5	25.0	19.0	80.2	17.651	15.6	0.0	0.0	0.0	3.6
20	14.5	23.0	20.6	87.1	20.752	18.1	0.0	0.0	0.0	1.7
21	14.5	24.5	19.0	87.0	19.384	17.0	0.2	8.8	9.0	2.0
22	14.5	24.0	18.9	81.8	18.038	15.9	0.0	0.0	0.0	3.5
23	14.5	26.0	18.8	75.5	16.554	14.5	6.0	31.7	37.7	4.1
24	14.5	22.4	17.0	86.0	16.668	14.6	9.2	0.0	9.2	0.6
25	14.5	24.0	18.3	81.1	17.284	15.2	0.0	3.4	3.4	4.3
26	14.5	23.5	19.0	80.7	17.644	15.5	0.0	0.0	0.0	3.4
27	14.5	24.0	18.9	83.9	18.437	16.2	0.2	0.0	0.2	3.3
28	14.5	21.5	17.8	86.6	18.026	15.8	0.0	0.0	0.0	0.1
29	14.5	22.0	17.5	89.6	18.286	16.1	19.5	5.7	25.2	1.5
30	14.5	21.5	16.4	87.7	16.354	14.3	10.8	0.0	10.8	0.7
PROM.	14.5	23.7	18.4	84.2	17.971	15.8	136.5	64.9	201.4	88.2

## 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	14.5	22.0	17.0	86.7	17.018	15.0	0.0	0.0	0.0	2.6
2	14.5	24.5	18.2	85.5	18.317	16.1	0.0	0.5	0.5	5.0
3	14.4	22.5	17.4	93.5	18.705	16.4	12.8	12.4	25.2	1.3
4	14.0	20.5	17.6	90.3	18.178	16.0	24.2	3.6	27.8	0.8
5	14.0	21.5	16.8	89.8	17.276	15.2	0.0	23.1	23.1	0.8
6	14.5	21.5	16.6	90.1	17.163	15.1	1.8	3.0	4.8	1.1
7	13.5	22.5	17.1	83.9	16.596	14.6	0.0	0.4	0.4	4.8
8	14.0	23.5	18.5	85.0	17.890	15.7	2.3	0.0	2.3	1.8
9	14.5	23.5	17.7	82.8	16.775	14.7	16.1	6.2	22.3	3.5
10	14.5	22.5	18.2	85.1	17.479	15.3	0.5	0.0	0.5	2.5
11	13.5	23.5	19.2	81.4	17.869	15.7	0.0	26.3	26.3	6.4
12	13.5	24.0	17.8	81.8	16.683	14.7	0.0	25.4	25.4	4.6
13	14.5	23.0	18.1	84.2	17.496	15.4	0.0	0.0	0.0	0.9
14	15.0	21.5	17.6	88.3	17.981	15.8	0.0	0.0	0.0	1.0
15	15.0	23.0	18.2	84.2	17.718	15.6	0.0	15.6	15.7	2.0
16	14.5	22.0	17.5	89.0	17.921	15.8	0.0	0.0	0.0	0.3
17	15.5	20.0	18.0	90.7	18.315	16.1	0.8	0.0	0.8	0.9
18	14.0	23.5	19.5	82.0	18.397	16.2	0.0	44.5	44.5	4.8
19	13.5	24.5	18.4	75.1	16.075	14.0	0.0	14.6	14.6	6.3
20	14.0	22.5	17.7	85.8	17.563	15.5	0.3	0.2	0.5	1.6
21	14.0	24.0	18.3	87.4	18.569	16.3	4.6	0.0	4.6	5.7
22	15.0	24.4	18.1	81.9	17.503	15.4	0.0	50.8	50.8	3.7
23	12.8	23.0	18.2	78.5	16.711	14.7	0.0	0.0	0.0	4.8
24	14.5	25.5	19.2	86.2	18.993	16.7	0.0	0.0	0.0	4.4
25	14.5	24.0	19.1	81.3	17.912	15.8	0.0	0.0	0.0	3.4
26	15.5	22.5	18.5	82.6	17.736	15.6	0.0	0.0	0.0	0.5
27	13.4	24.0	18.9	75.3	16.540	14.5	0.0	0.0	0.0	4.2
28	13.0	24.5	19.1	74.1	16.700	14.7	0.0	0.0	0.0	6.2
29	14.0	23.5	18.9	80.0	17.984	15.8	0.4	0.1	0.5	1.1
30	14.0	22.5	17.9	81.8	17.089	15.0	0.0	6.5	6.5	0.0
31	14.0	20.5	17.5	88.0	17.586	15.5	15.7	9.4	25.1	0.3
PROM.	14.2	22.9	18.1	84.3	17.572	15.4	79.6	242.6	322.2	87.3

ESTACION: HERACLIO URIBE MUNICIPIO SEVILLA AÑO: 1.983  
 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 llovias	
	ENERO	16.7	26.5	20.3	14.5				28.5	78.9	
FEBRERO	16.6	27.2	20.9	15.5	29.0	75.6	18.318	16.1	67.2	6	132.1
MARZO	16.0	25.5	20.2	13.5	28.5	81.6	19.162	16.8	232.3	19	94.6
ABRIL	15.6	24.0	18.9	14.0	28.0	86.7	19.031	16.7	462.5	24	66.3
MAYO	15.9	24.6	19.4	14.5	27.0	85.1	19.249	16.9	256.7	22	95.8
JUNIO	15.3	24.7	19.4	12.5	27.5	82.3	18.641	16.4	108.3	13	130.1
JULIO	15.2	25.5	19.9	13.3	28.0	77.8	17.783	15.6	46.2	10	154.1
AGOSTO	15.1	26.2	20.5	13.5	29.5	74.1	17.363	15.2	29.2	8	159.7
SEPTIEMBRE	14.8	25.0	19.6	13.5	28.0	78.3	17.650	15.5	60.4	11	119.3
OCTUBRE	14.4	23.4	18.4	12.5	27.0	82.8	17.529	15.4	166.3	23	94.4
NOVIEMBRE	14.5	23.7	18.4	13.5	26.0	84.2	17.971	15.8	201.4	18	88.2
DICIEMBRE	14.2	22.9	18.1	12.8	25.5	84.3	17.572	15.4	322.2	21	87.3
PROMEDIO	15.4	24.9	19.5	13.6	27.7	81.0	18.249	16.0			
TOTAL									1961.8	180	1333.6

ESTACION: MANUEL MALLARINO

MUNICIPIO: TRUJILLO

AÑO 1.983

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	29.0	23.1	73.2	20.145	17.6	0.0	0.0	0.0	4.3
2	17.4	27.5	21.2	75.5	18.942	16.6	0.0	0.0	0.0	3.0
3	17.6	25.6	21.1	76.2	19.120	16.8	0.0	0.0	0.0	0.8
4	16.6	26.8	21.9	67.2	17.164	15.1	0.0	0.0	0.0	5.5
5	17.2	27.0	22.0	77.5	20.014	17.5	0.0	0.0	0.0	3.1
6	16.8	27.0	21.7	74.7	19.051	16.7	0.0	0.0	0.0	4.1
7	17.4	28.4	23.3	71.5	19.889	17.4	0.0	0.0	0.0	6.5
8	17.6	28.0	22.3	76.5	20.423	17.8	0.0	0.0	0.0	4.7
9	17.6	29.5	22.3	71.3	18.669	16.4	0.0	0.0	0.0	7.3
10	17.4	28.8	22.3	76.3	20.750	18.1	0.0	0.2	0.2	6.1
11	18.6	28.5	22.1	80.0	21.110	18.3	0.0	0.0	0.0	6.1
12	18.2	25.0	21.5	82.5	21.124	18.3	0.0	0.0	0.0	0.2
13	17.4	28.4	22.1	75.6	19.634	17.2	0.0	0.0	0.0	4.8
14	17.8	28.2	22.9	74.1	20.025	17.5	0.0	0.0	0.0	5.6
15	17.6	29.0	23.2	73.9	20.318	17.7	0.0	0.0	0.0	8.2
16	18.4	28.9	22.7	73.0	19.688	17.2	0.0	0.0	0.0	5.1
17	17.2	30.8	23.3	72.0	19.769	17.3	0.0	0.0	0.0	7.6
18	17.8	30.0	23.6	72.1	20.376	17.8	0.0	0.0	0.0	5.9
19	18.4	30.4	23.7	64.4	17.409	14.6	0.0	0.0	0.0	7.6
20	17.8	30.0	24.5	69.5	20.518	17.9	0.0	0.0	0.0	7.9
21	18.6	30.0	23.7	73.3	20.664	18.0	0.0	0.0	0.0	7.2
22	18.0	31.0	24.6	70.8	20.784	18.1	0.0	0.0	0.0	5.7
23	17.4	30.5	24.4	69.8	20.237	17.7	0.0	0.0	0.0	8.6
24	17.7	31.0	22.1	63.1	15.945	13.7	0.0	0.0	0.0	7.1
25	17.8	29.9	24.0	68.1	19.513	17.1	0.0	0.0	0.0	7.5
26	18.8	29.5	23.6	74.1	20.953	18.2	0.0	0.0	0.0	3.5
27	19.4	27.5	21.2	90.5	22.543	19.4	0.6	2.3	2.9	1.8
28	18.6	29.9	23.9	71.1	20.217	17.6	0.0	0.0	0.0	7.1
29	20.0	27.1	22.4	75.6	20.282	17.7	0.0	10.5	10.5	2.5
30	18.4	29.3	22.7	67.7	18.386	16.1	0.0	0.0	0.0	3.7
31	18.5	27.0	21.6	79.6	20.651	18.0	9.9	0.0	9.9	2.0
PROM.	17.9	28.7	22.7	73.6	19.817	17.3	10.5	13.0	23.5	161.1

## 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	18.0	28.8	22.4	77.8	20.966	18.2	0.0	0.0	0.0	6.3
2	18.4	29.3	23.4	69.4	19.823	17.3	0.0	0.0	0.0	6.3
3	19.4	31.0	23.4	69.0	19.656	17.2	0.0	0.0	0.0	7.7
4	18.6	29.3	23.4	71.0	20.064	17.5	0.0	0.0	0.0	5.8
5	19.0	27.4	22.3	69.2	18.605	16.3	0.0	0.0	0.0	0.9
6	18.5	30.0	22.6	72.9	19.609	17.2	0.0	0.0	0.0	6.7
7	18.6	25.0	20.4	85.9	20.647	18.0	20.3	0.0	20.3	2.8
8	16.2	26.5	21.2	75.2	18.497	16.2	0.0	0.0	0.0	3.9
9	17.6	28.0	20.9	80.9	19.882	17.4	0.0	0.0	0.0	4.7
10	16.8	28.5	22.2	70.2	17.971	15.8	0.0	0.0	0.0	6.0
11	17.8	28.5	22.7	69.3	18.530	16.2	0.0	0.0	0.0	6.5
12	17.8	28.5	22.6	73.8	19.901	17.4	0.0	0.0	0.0	6.5
13	17.4	29.3	22.8	65.9	17.736	15.6	0.0	0.0	0.0	7.5
14	17.8	30.3	23.6	65.9	18.325	16.1	0.0	0.0	0.0	7.6
15	18.6	30.5	23.5	67.7	18.856	16.4	0.0	0.0	0.0	6.4
16	17.6	31.0	24.1	72.1	20.793	18.1	0.0	0.0	0.0	6.9
17	18.3	30.5	23.3	72.5	19.982	17.4	0.0	0.0	0.0	7.1
18	18.8	28.5	23.5	74.6	21.032	18.3	0.0	0.2	0.2	4.2
19	16.4	29.5	22.8	72.4	19.440	17.0	0.0	0.0	0.0	8.2
20	17.2	30.5	22.7	71.6	18.975	16.6	0.0	0.0	0.0	8.2
21	17.8	29.9	23.7	73.4	20.738	18.1	0.0	0.0	0.0	5.3
22	19.6	31.3	24.6	72.1	21.735	18.7	0.0	0.0	0.0	6.6
23	18.4	28.0	23.4	75.4	21.083	18.3	0.0	0.0	0.0	2.7
24	18.6	29.5	23.0	74.7	20.581	17.9	0.0	0.0	0.0	5.6
25	19.3	27.5	22.4	79.5	21.362	18.5	0.0	0.0	0.0	2.9
26	17.8	30.5	23.4	68.8	19.434	17.0	0.0	0.0	0.0	6.9
27	17.2	31.0	23.5	71.7	20.186	17.6	0.1	1.9	2.0	7.2
28	19.0	30.0	24.3	70.9	20.614	17.9	0.0	0.0	0.0	6.0
PROM.	18.1	29.2	22.9	72.6	19.822	17.3	20.4	2.1	22.5	163.4

ESTACION: MANUEL MALLARINO  
 ALTITUD: 1.380

MUNICIPIO: TRUJILLO  
 LATITUD: 4-10 N.

AÑO: 1.983  
 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	19.8	29.0	23.9	75.3	22.092	19.1	0.0	0.0	0.0	2.1
2	18.8	29.3	23.7	76.7	21.665	18.6	0.0	0.0	0.0	3.0
3	19.4	29.5	24.4	75.3	22.078	18.9	0.0	0.0	0.0	3.3
4	18.8	29.5	23.7	75.2	21.528	18.7	0.0	0.0	0.0	5.6
5	18.2	31.0	23.8	71.8	20.156	17.5	0.0	0.0	0.0	3.3
6	19.2	27.0	22.3	77.6	20.449	17.8	0.0	8.3	8.3	1.6
7	18.2	26.3	21.2	81.1	20.124	17.5	5.5	3.0	5.5	2.0
8	18.4	24.8	20.1	93.0	21.924	19.0	18.7	0.1	18.8	0.6
9	18.2	27.5	22.2	81.9	21.607	18.7	0.1	0.3	0.4	0.4
10	17.8	22.5	20.3	95.3	22.726	19.5	1.8	0.2	2.0	0.0
11	17.3	28.0	22.8	79.0	21.342	18.5	0.0	1.9	1.9	0.1
12	17.4	28.8	21.8	81.0	21.025	18.2	0.0	0.0	0.0	0.2
13	19.3	29.3	22.9	72.0	19.751	17.3	0.0	0.0	0.0	0.0
14	18.0	27.5	22.2	78.9	20.918	18.2	0.0	0.0	0.0	0.2
15	18.0	30.0	23.3	72.9	19.851	17.3	0.0	0.0	0.0	7.7
16	18.0	31.5	24.1	67.0	19.176	16.8	0.0	0.0	0.0	8.5
17	19.0	27.5	22.8	77.8	21.290	18.4	0.3	0.0	0.3	1.7
18	16.6	30.4	24.0	70.9	19.817	17.3	0.0	0.0	0.0	6.9
19	19.2	31.0	24.9	66.8	20.118	17.6	0.0	0.0	0.0	7.5
20	18.4	31.0	25.4	68.3	20.808	18.1	0.0	0.0	0.0	6.6
21	18.4	29.3	23.5	66.1	18.350	16.0	0.0	0.0	0.0	4.7
22	18.4	30.3	24.5	69.2	20.536	17.9	0.0	0.0	0.0	7.4
23	19.2	29.3	23.1	76.8	21.142	18.3	2.2	0.0	2.2	5.4
24	19.0	26.5	21.2	82.9	20.871	18.1	11.8	28.2	40.0	1.0
25	17.4	22.5	19.4	93.9	21.154	18.4	8.0	33.6	41.6	0.0
26	16.4	25.5	20.6	85.0	20.364	17.7	0.3	53.6	53.9	3.2
27	17.0	28.5	20.4	81.4	19.572	17.2	5.2	36.9	42.1	1.3
28	18.0	28.5	22.5	73.7	19.651	17.1	1.0	0.0	1.0	4.2
29	18.0	27.5	20.6	80.7	19.833	17.4	17.2	10.6	27.8	3.7
30	16.2	26.5	22.0	74.6	18.850	16.6	0.0	0.0	0.0	8.2
31	18.2	28.0	23.7	67.3	19.137	16.8	0.0	10.4	10.4	8.1
PROM.	18.2	28.2	22.6	77.1	20.580	17.9	72.1	184.1	256.2	108.5

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	28.0	22.3	77.2	20.303	17.7	0.0	0.0	0.0	6.5
2	18.2	28.5	22.7	68.6	19.067	16.7	0.0	0.0	0.0	5.2
3	18.0	27.0	23.1	76.3	21.860	18.9	0.0	0.0	0.0	4.3
4	18.0	27.0	23.3	78.4	21.798	18.8	0.0	0.0	0.0	0.5
5	18.6	28.5	23.0	77.2	21.396	18.5	0.0	12.2	12.2	4.0
6	18.0	26.5	21.1	87.9	22.335	19.2	10.3	0.0	10.3	2.0
7	17.2	23.0	19.0	94.3	21.076	18.3	14.8	0.1	14.9	0.1
8	16.2	26.0	21.7	79.1	19.972	17.5	0.0	9.0	9.0	4.1
9	17.6	22.4	19.7	94.7	22.044	19.0	2.2	2.3	4.5	0.5
10	16.3	24.5	20.6	85.3	20.216	17.6	0.2	0.8	1.0	1.3
11	17.6	23.6	21.4	85.3	21.410	18.6	0.2	1.0	1.2	1.3
12	17.6	26.5	21.9	78.1	20.377	17.8	0.1	0.0	0.1	3.3
13	18.8	24.5	21.0	85.9	21.332	18.5	25.1	0.0	25.1	0.2
14	17.4	25.5	21.5	86.6	21.993	19.0	0.0	0.0	0.0	0.2
15	18.4	28.5	22.0	75.4	19.902	17.4	0.0	38.5	38.5	6.4
16	16.3	23.5	19.8	90.3	20.956	18.2	0.9	0.0	0.9	0.8
17	17.0	25.2	21.9	78.8	20.565	17.9	0.3	33.3	33.6	3.6
18	17.3	24.5	20.3	88.8	21.091	18.3	0.6	0.0	0.6	1.5
19	16.6	26.5	21.6	77.5	19.874	17.4	0.0	0.0	0.0	4.8
20	18.3	29.0	21.9	78.8	20.663	18.0	0.2	31.7	31.9	5.7
21	18.0	24.7	20.6	87.7	21.235	18.5	0.1	10.9	11.0	3.4
22	17.6	25.6	21.7	76.4	19.821	17.4	0.0	0.0	0.0	4.7
23	18.2	27.5	23.6	73.4	20.471	17.9	0.0	1.0	1.0	5.2
24	17.8	26.5	21.5	85.2	20.974	18.3	0.6	0.0	0.6	4.3
25	17.6	27.5	21.9	78.5	20.496	17.9	0.0	0.0	0.0	4.4
26	18.4	24.0	20.7	90.2	21.948	19.0	0.4	0.2	0.6	0.8
27	18.4	27.5	21.9	80.9	21.000	18.2	0.0	19.3	19.3	1.4
28	17.0	23.2	20.1	87.5	20.598	18.0	0.0	0.8	0.8	0.5
29	18.0	25.0	20.8	89.0	21.947	19.0	1.2	12.4	13.6	0.5
30	16.8	25.5	22.0	77.9	19.884	17.4	0.0	48.1	48.1	3.1
PROM.	17.6	25.9	21.5	82.4	20.867	18.2	57.2	221.6	278.8	84.6

ESTACION: MANUEL MALLARINO

MUNICIPIO: TFOJILLO

AÑO: 1.983

ALTITUD: 1.380

LATITUD: 4-10 N.

LONGITUD: 76-21 W.

## M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.0	26.5	23.1	79.3	21.511	18.7	0.3	0.0	0.3	6.7
2	18.4	26.5	22.3	83.8	22.642	19.5	0.4	4.7	5.1	1.4
3	17.6	26.2	21.4	80.7	20.385	17.8	0.0	0.0	0.0	4.1
4	18.4	26.3	21.5	85.6	21.972	19.0	7.3	0.0	7.3	2.8
5	17.4	28.0	22.9	75.2	20.393	17.8	0.0	0.0	0.0	7.0
6	18.4	26.5	22.2	78.8	21.167	18.3	0.0	0.0	0.0	4.5
7	18.4	26.0	22.3	75.1	19.972	17.5	0.0	0.0	0.0	2.4
8	16.6	27.3	21.7	81.1	20.482	17.9	0.0	0.0	0.0	5.6
9	18.2	28.5	23.6	74.4	21.345	18.5	0.0	0.1	0.1	7.3
10	19.0	28.1	23.1	75.6	20.747	18.0	0.0	0.0	0.0	5.6
11	18.4	27.5	23.9	71.6	20.838	18.1	0.0	0.5	0.5	3.8
12	19.2	27.5	22.3	82.3	22.184	19.1	25.8	0.1	25.9	4.7
13	16.2	27.0	22.9	76.0	21.118	18.4	0.0	0.0	0.0	5.2
14	18.0	28.0	23.9	73.4	21.604	18.7	0.0	2.8	2.8	4.5
15	18.2	27.0	21.8	80.4	21.016	18.3	4.5	0.5	5.0	2.5
16	19.0	25.5	20.9	86.6	21.457	18.6	1.3	25.9	27.2	1.7
17	16.4	26.0	21.5	82.1	20.833	18.1	0.0	0.6	0.6	2.0
18	18.0	23.5	20.8	87.6	21.480	18.6	0.0	0.0	0.0	0.3
19	17.6	26.0	21.9	78.7	20.519	17.9	0.0	0.0	0.0	2.4
20	18.2	26.5	22.0	75.5	19.786	17.3	4.1	1.7	5.8	2.6
21	17.8	25.0	21.9	85.6	22.190	19.1	22.1	1.4	23.5	3.3
22	16.6	26.0	21.1	86.5	21.268	18.4	0.3	1.4	1.7	3.8
23	17.2	27.0	21.5	80.3	20.370	17.7	0.6	5.3	5.9	3.4
24	17.0	27.0	22.5	83.3	22.258	19.2	0.0	0.0	0.0	5.7
25	17.8	26.7	21.7	82.4	21.555	18.7	16.6	0.0	16.6	2.2
26	18.4	28.5	22.2	80.4	21.481	18.6	5.5	4.4	9.9	4.5
27	17.4	26.0	22.0	81.9	21.465	18.6	0.0	1.1	1.1	1.8
28	18.6	23.0	20.4	92.9	22.328	19.2	19.7	5.0	24.7	4.8
29	16.6	26.0	21.3	82.1	20.439	17.8	0.0	0.0	0.0	3.9
30	17.6	25.5	22.0	78.8	20.519	17.9	0.0	0.0	0.0	5.3
31	18.0	28.0	22.3	72.4	19.510	17.0	0.0	0.0	0.0	5.8
PROM.	17.5	26.6	22.1	80.3	21.124	18.3	108.5	55.5	164.0	121.6

## 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	23.2	78.2	21.713	18.8	0.0	0.0	0.0	2.5
2	18.2	27.0	22.7	76.5	20.971	18.2	0.0	16.0	16.0	6.0
3	17.6	24.0	20.7	89.0	21.835	18.9	0.0	2.9	2.9	0.7
4	16.6	24.5	22.2	87.3	22.955	19.6	0.0	8.3	8.3	1.3
5	17.6	23.5	19.8	94.3	21.517	18.7	0.6	0.0	0.6	1.1
6	17.6	27.0	21.2	82.7	20.713	18.0	0.0	0.0	0.0	3.4
7	17.2	26.0	21.4	81.7	20.747	18.1	0.0	3.2	3.2	3.3
8	18.4	22.0	19.5	92.2	21.190	18.4	1.7	0.0	1.7	0.4
9	15.0	24.0	20.8	80.8	19.205	16.8	0.0	0.0	0.0	1.7
10	16.4	27.0	22.7	75.5	20.014	17.5	0.0	0.8	0.8	7.5
11	17.2	25.5	21.0	84.9	21.344	18.5	0.6	0.0	0.6	1.3
12	16.2	26.4	21.4	74.2	18.630	16.4	0.0	2.8	2.8	6.6
13	18.0	27.0	22.7	77.2	21.086	18.3	0.0	3.9	3.9	4.8
14	17.2	28.0	22.5	76.8	20.586	18.0	0.0	0.0	0.0	7.4
15	18.4	28.0	23.1	74.1	20.752	18.1	0.0	0.0	0.0	6.7
16	18.0	26.0	22.0	78.6	20.757	18.1	0.0	2.8	2.8	3.9
17	18.4	25.0	21.2	86.8	21.612	18.8	2.4	0.0	2.4	2.1
18	16.6	27.9	22.9	71.9	19.453	17.0	0.0	0.0	0.0	8.1
19	16.6	28.0	23.5	70.5	19.857	17.4	0.0	0.0	0.0	6.8
20	19.0	26.0	22.3	77.9	20.947	18.2	0.0	0.0	0.0	0.7
21	17.2	24.5	22.9	71.6	19.402	16.9	0.0	0.0	0.0	8.5
22	17.4	28.1	22.3	76.5	20.365	17.7	0.5	0.0	0.5	5.6
23	17.6	28.5	23.4	73.2	20.510	17.9	0.0	0.0	0.0	6.5
24	17.2	28.5	21.1	78.8	19.735	17.3	0.0	0.0	0.0	6.5
25	16.6	28.3	23.1	67.8	18.557	16.3	0.0	0.0	0.0	8.8
26	17.8	28.0	22.8	69.9	19.000	16.7	0.0	0.0	0.0	6.8
27	17.6	27.5	21.8	75.6	19.550	17.1	0.0	0.0	0.0	6.1
28	17.0	26.5	22.8	77.2	20.797	18.0	0.0	0.0	0.0	3.2
29	17.2	26.5	21.5	76.1	19.305	17.0	0.0	0.0	0.0	3.2
30	16.6	28.0	22.1	73.4	18.978	16.6	0.0	0.0	0.0	5.0
PROM.	17.4	26.6	22.0	78.4	20.404	17.8	5.8	40.7	46.5	136.5

ESTACION: MANUEL MALLARINO

MUNICIPIO: TFOJILLO

AÑO: 1.983

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	26.5	22.1	77.3	20.186	17.6	0.0	0.0	0.0	2.8
2	17.4	28.5	23.3	71.8	19.783	17.3	0.0	0.0	0.0	6.8
3	17.6	28.5	23.0	73.6	20.066	17.6	0.0	0.0	0.0	7.6
4	18.0	28.0	22.6	75.2	20.602	17.9	19.2	2.4	21.6	5.1
5	18.0	26.8	22.6	82.0	21.501	18.7	0.0	0.0	0.0	3.1
6	17.0	28.3	22.7	71.2	19.019	16.7	0.0	0.0	0.0	8.2
7	18.6	28.0	22.6	74.7	20.005	17.5	0.0	18.9	18.9	6.2
8	18.0	25.5	21.1	79.9	19.854	17.4	17.8	16.9	34.7	3.7
9	16.6	24.5	21.3	81.5	20.047	17.5	0.0	1.4	1.4	2.1
10	17.0	26.5	21.6	75.2	19.078	16.7	0.0	0.0	0.0	4.1
11	16.2	28.0	21.8	74.8	18.951	16.6	0.0	1.5	1.5	6.4
12	18.0	28.6	22.9	70.9	19.099	16.7	0.0	0.0	0.0	8.4
13	18.6	28.6	23.3	66.6	18.545	16.2	0.0	0.0	0.0	7.2
14	18.0	27.0	22.9	72.9	19.859	17.4	0.0	0.0	0.0	5.9
15	18.6	27.8	23.3	69.3	19.113	16.7	0.0	0.0	0.0	4.6
16	17.4	26.5	22.8	72.6	19.368	17.0	0.0	0.0	0.0	2.9
17	18.8	29.0	24.1	68.5	19.782	17.3	0.0	0.0	0.0	6.1
18	18.6	29.5	23.9	64.5	18.199	15.9	0.0	0.0	0.0	9.7
19	18.2	27.5	21.4	73.1	19.104	16.7	0.0	0.0	0.0	4.1
20	19.0	29.5	23.7	68.1	19.257	16.8	0.0	0.0	0.0	10.1
21	19.2	28.0	23.1	71.7	20.054	17.6	0.0	0.0	0.0	3.9
22	18.2	24.3	20.2	86.2	20.754	18.1	4.6	1.3	5.9	0.0
23	17.0	25.0	21.1	75.4	18.123	15.9	0.0	0.0	0.0	3.1
24	15.8	29.3	22.3	70.4	18.560	16.3	0.4	0.0	0.4	9.7
25	16.4	29.0	23.0	60.4	16.030	13.9	0.0	0.0	0.0	9.8
26	17.6	30.0	23.6	62.6	17.290	15.0	0.0	0.0	0.0	9.5
27	17.4	26.4	22.6	69.6	18.505	16.3	0.0	0.0	0.0	2.3
28	17.6	28.0	22.9	68.9	18.705	16.4	0.0	0.0	0.0	6.5
29	18.8	28.5	23.2	66.7	18.562	16.3	0.0	7.0	7.0	5.5
30	17.7	26.5	22.4	72.9	19.313	16.9	0.0	34.0	34.0	4.5
31	18.0	27.0	21.5	82.4	21.169	18.4	0.3	0.1	0.4	8.0
PROM.	17.7	27.6	22.5	72.6	19.307	16.9	42.3	83.5	125.8	177.9

## 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	16.6	27.5	22.0	71.5	18.699	16.4	0.0	8.3	8.3	6.2
2	17.6	26.5	22.3	73.4	19.347	16.9	0.1	8.6	8.7	5.4
3	17.4	29.0	22.9	71.4	19.384	17.0	0.0	0.0	0.0	6.5
4	18.6	28.3	23.4	70.8	19.734	17.3	0.0	0.0	0.0	6.0
5	18.2	26.8	21.8	79.0	20.534	17.9	5.9	0.0	5.9	1.9
6	17.8	27.0	21.8	75.5	19.075	16.6	0.2	32.8	33.0	7.1
7	17.4	28.8	23.0	68.8	19.388	16.9	0.0	0.0	0.0	9.1
8	18.6	28.5	23.0	64.6	18.056	15.9	0.0	0.0	0.0	8.3
9	17.6	29.0	23.2	64.7	17.815	15.6	0.0	0.0	0.0	7.5
10	18.4	29.5	23.0	69.1	18.580	16.1	0.0	0.0	0.0	6.2
11	18.4	29.3	23.2	66.2	18.180	16.0	0.0	0.0	0.0	8.0
12	18.6	27.9	22.7	73.4	19.865	17.4	0.0	0.0	0.0	3.4
13	17.6	30.8	24.5	64.9	18.655	16.4	0.0	0.0	0.0	8.5
14	18.4	31.3	23.2	66.7	18.337	16.1	0.0	0.0	0.0	8.4
15	19.2	29.4	23.6	63.3	17.635	15.4	0.0	0.0	0.0	8.4
16	19.4	30.0	24.7	63.7	19.172	16.7	0.0	0.0	0.0	7.6
17	18.6	29.3	23.4	69.9	19.306	16.8	0.0	0.0	0.0	6.4
18	18.6	27.0	22.4	74.5	19.924	17.4	0.0	0.0	0.0	2.3
19	18.4	29.3	23.3	65.9	17.924	15.5	0.0	0.0	0.0	6.3
20	17.8	30.0	23.5	68.7	19.200	16.9	0.0	0.0	0.0	7.1
21	18.8	28.5	22.7	74.0	20.050	17.6	0.0	0.0	0.0	5.6
22	19.4	30.5	23.1	67.3	18.637	16.3	0.0	0.0	0.0	7.8
23	18.3	29.5	23.0	70.0	19.192	16.8	0.0	0.0	0.0	7.2
24	18.8	27.5	22.8	71.5	19.709	17.2	0.0	0.0	0.0	4.8
25	17.4	26.5	22.5	75.6	20.127	17.5	0.0	0.0	0.0	4.4
26	17.6	25.6	21.9	79.8	20.546	17.9	0.0	0.0	0.0	0.9
27	18.6	29.3	23.5	61.2	17.532	15.4	0.0	1.4	1.4	6.0
28	17.3	24.3	19.9	89.7	20.851	18.2	18.0	0.7	18.7	0.6
29	17.8	25.0	20.6	83.4	20.144	17.6	0.0	0.0	0.0	2.3
30	17.8	29.3	22.6	69.1	18.630	16.3	0.0	0.0	0.0	6.4
31	17.4	29.3	23.5	65.0	18.096	15.8	0.0	0.0	0.0	7.8
PROM.	18.2	28.4	22.8	70.7	19.107	16.7	24.2	51.8	76.0	164.4

ESTACION: MANUEL MALLARINO

MUNICIPIO: TRUJILLO

AÑO:

1-983

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	17.4	28.0	23.3	63.2	17.772	15.6	0.0	0.0	0.0	5.8
2	18.8	29.5	22.0	75.3	19.635	17.2	27.2	0.0	27.2	6.5
3	19.0	25.7	21.7	78.0	20.190	17.6	0.4	0.0	0.4	2.9
4	17.8	28.8	22.9	65.7	17.554	15.3	0.0	0.0	0.0	8.2
5	17.6	27.0	21.6	79.6	20.623	17.9	6.9	8.2	15.1	3.1
6	16.2	25.0	19.9	88.3	20.485	17.9	4.5	3.7	8.2	2.5
7	17.8	27.0	22.1	69.8	18.289	16.1	0.2	0.0	0.2	5.0
8	17.4	28.0	22.1	73.6	19.188	16.7	1.2	0.0	1.2	6.9
9	17.2	26.5	22.2	70.9	18.630	16.4	0.0	0.0	0.0	3.4
10	16.4	25.4	22.2	73.1	19.159	16.8	0.0	0.0	0.0	3.3
11	16.2	27.5	20.9	76.9	16.413	16.1	20.6	0.0	20.6	6.6
12	17.4	28.0	22.7	66.5	17.902	15.5	0.0	0.0	0.0	7.7
13	17.6	28.0	22.7	70.3	19.035	16.7	0.0	0.3	0.3	5.4
14	18.4	26.0	21.7	73.3	18.835	16.6	0.0	0.0	0.0	4.2
15	16.2	26.3	22.2	70.0	18.175	16.0	0.0	0.0	0.0	2.4
16	17.4	27.5	22.0	73.7	19.094	16.7	1.8	0.1	1.9	3.4
17	17.4	28.0	22.4	70.5	18.397	16.1	0.0	0.0	0.0	5.0
18	17.8	28.8	23.0	66.2	18.196	15.9	0.0	0.0	0.0	7.8
19	18.4	27.0	21.2	71.1	17.892	15.7	0.0	0.0	0.0	6.3
20	17.8	28.5	21.6	75.0	18.923	16.6	1.8	0.0	1.8	7.8
21	16.6	28.0	22.2	68.5	17.750	15.6	0.0	12.4	12.4	6.7
22	16.8	25.5	21.3	75.2	18.805	16.5	6.3	0.0	6.3	4.6
23	17.4	29.3	22.9	69.9	18.745	16.3	0.0	0.0	0.0	7.9
24	18.4	28.2	22.4	69.1	18.508	16.3	0.0	0.0	0.0	4.5
25	16.6	29.5	23.1	63.3	16.947	14.9	0.0	0.0	0.0	7.9
26	18.8	29.5	23.3	69.1	19.117	16.7	0.0	0.0	0.0	7.9
27	17.8	30.5	23.3	64.2	17.924	15.6	0.0	0.0	0.0	6.9
28	18.0	27.5	22.6	71.1	19.455	17.0	0.0	0.0	0.0	1.7
29	17.4	28.9	23.0	62.3	17.413	15.2	0.0	0.0	0.0	6.4
30	17.6	28.5	23.8	62.6	18.179	15.9	0.0	0.0	0.0	4.4
PROM.	17.5	27.7	22.3	70.9	18.641	16.3	70.9	24.7	95.6	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	17.0	26.5	22.9	69.4	18.844	16.5	0.0	0.0	0.0	2.3
2	17.6	28.5	24.0	65.4	19.521	17.0	0.0	0.0	0.0	5.8
3	16.4	27.0	21.3	75.4	18.939	16.5	20.1	0.0	20.1	5.0
4	15.6	27.5	22.3	72.9	19.361	17.0	0.0	0.0	0.0	4.2
5	17.6	27.5	22.7	67.2	18.258	16.1	0.0	0.0	0.0	4.7
6	18.4	30.5	22.7	69.5	18.842	16.4	1.3	0.0	1.3	7.6
7	17.4	27.5	22.7	70.8	19.223	16.8	0.0	0.0	0.0	0.7
8	16.6	28.5	23.4	61.6	17.287	15.1	0.0	0.0	0.0	5.7
9	17.8	28.0	21.7	75.0	18.988	16.6	0.0	0.0	0.0	6.4
10	16.8	27.3	22.1	69.1	18.168	15.9	0.0	0.0	0.0	5.6
11	18.0	27.5	20.9	76.9	18.826	16.4	15.7	0.0	15.7	2.8
12	16.6	26.3	22.5	74.0	19.795	17.2	4.9	46.4	51.3	5.3
13	15.4	23.8	20.3	87.9	20.644	18.0	4.6	0.0	4.6	1.3
14	16.4	25.5	21.2	73.4	18.487	16.2	0.1	0.0	0.1	2.6
15	16.0	21.8	19.6	86.1	19.541	17.1	9.6	0.0	9.6	3.1
16	15.6	22.0	18.9	85.5	18.468	16.2	1.4	2.1	3.5	0.3
17	15.8	26.5	21.5	67.3	16.901	14.9	0.0	0.9	0.9	7.0
18	15.8	27.3	21.6	73.9	18.686	16.4	1.0	0.0	1.0	6.3
19	17.4	23.4	20.2	86.6	20.465	17.9	6.8	0.0	6.8	0.2
20	15.8	26.5	20.9	75.8	18.240	16.0	2.4	0.1	2.5	4.1
21	15.2	25.8	21.0	73.5	17.735	15.6	0.0	0.0	0.0	3.9
22	16.8	26.8	22.2	67.5	17.582	15.4	0.0	0.0	0.0	4.8
23	17.4	27.5	21.9	74.1	18.748	16.4	0.0	1.5	1.5	6.3
24	16.6	27.5	22.2	75.8	19.946	17.4	0.0	0.8	0.8	5.7
25	17.8	24.5	20.5	85.4	20.745	18.1	1.0	2.2	3.2	0.4
26	17.3	26.5	21.1	79.8	19.617	17.1	25.7	7.0	32.7	4.1
27	16.2	26.5	19.8	87.1	19.984	17.5	1.2	0.1	1.3	1.4
28	18.0	25.0	21.0	82.4	20.634	18.0	2.9	2.6	5.5	0.7
29	17.4	25.0	20.3	83.7	19.907	17.4	0.1	10.1	10.2	1.8
30	17.6	23.3	20.3	88.3	21.056	18.3	11.2	0.0	11.2	0.0
31	17.3	25.5	20.4	79.4	19.100	16.8	0.2	0.0	0.2	5.2
PROM.	16.8	26.3	21.4	76.2	19.114	16.7	110.2	73.8	184.0	115.3

ESTACION: MANUEL MALLARINO

MUNICIPIO: TEOJILLO

AÑO: 1.983

ALTITUD: 1.380

LATITUD: 4-10 N.

LONGITUD: 76-21 W.

## M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	27.0	21.7	77.3	20.415	17.8	0.9	3.1	4.0	7.7
2	17.8	28.0	22.3	74.6	15.621	17.1	0.0	0.0	0.0	4.2
3	18.4	27.5	22.0	69.9	18.456	16.2	0.3	6.3	6.6	3.5
4	17.8	27.0	21.7	76.5	19.869	17.4	0.0	0.0	0.0	5.2
5	17.6	28.5	23.3	68.0	15.245	16.9	0.0	0.0	0.0	7.6
6	18.2	27.0	22.4	75.7	20.552	17.9	1.9	0.0	1.9	4.8
7	17.4	29.0	22.4	71.6	18.992	16.6	0.0	0.0	0.0	7.7
8	18.2	22.8	20.6	85.9	20.685	18.2	0.0	0.0	0.0	0.2
9	16.6	27.3	22.3	70.9	18.577	16.3	0.0	22.8	22.8	6.7
10	17.6	28.0	22.3	74.6	15.493	17.0	0.4	0.2	0.6	3.4
11	18.0	25.8	21.8	79.1	20.634	18.0	0.0	0.4	0.4	3.7
12	17.2	27.0	21.3	77.1	19.039	16.7	0.0	0.0	0.0	2.4
13	16.4	27.5	22.3	73.1	18.994	16.6	2.5	5.2	7.7	6.5
14	16.0	26.0	19.9	80.8	16.667	16.4	0.0	0.0	0.0	4.7
15	17.0	26.5	20.8	76.4	18.403	16.1	12.4	0.9	13.3	3.1
16	17.4	26.5	21.4	77.4	19.336	17.0	0.0	0.0	0.0	6.0
17	18.0	25.1	20.2	84.1	15.714	17.3	0.3	0.0	0.3	3.2
18	16.2	26.8	21.6	75.7	19.067	16.8	0.0	0.0	0.0	5.0
19	17.6	28.2	23.1	71.2	19.817	17.4	0.0	0.0	0.0	6.0
20	17.2	26.2	22.6	76.2	20.372	17.8	0.0	0.0	0.0	2.0
21	18.4	27.3	22.1	78.8	21.004	18.3	0.0	0.0	0.0	2.0
22	18.6	27.3	22.8	68.1	18.708	16.4	0.0	0.1	0.1	3.6
23	19.0	27.8	22.4	71.3	18.910	16.6	0.0	3.4	3.4	4.7
24	17.8	27.8	21.0	88.5	21.861	18.9	3.6	0.0	3.6	1.4
25	16.8	24.6	22.3	72.6	16.917	16.6	0.0	0.0	0.0	6.4
26	15.0	28.5	21.6	75.6	19.462	16.9	5.3	1.6	6.9	5.2
27	19.4	26.5	21.7	80.7	20.841	18.1	15.0	10.0	25.0	3.0
28	17.0	22.0	19.7	86.0	19.501	17.1	0.6	0.0	0.6	0.0
29	16.2	25.4	20.7	80.8	19.410	17.0	0.0	16.8	16.8	2.8
30	16.0	23.8	15.8	85.2	19.350	17.0	0.3	0.5	0.8	1.4
PROM.	17.5	26.6	21.7	76.8	19.604	17.1	43.5	71.3	114.8	124.3

## M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	25.1	20.2	85.2	20.060	17.6	0.1	2.2	2.3	2.9
2	16.4	26.5	21.3	71.8	17.610	15.5	0.0	0.0	0.0	6.1
3	17.2	26.8	21.0	78.4	19.078	16.6	3.7	30.5	34.2	4.3
4	16.8	23.5	19.3	87.4	19.496	17.1	2.4	0.6	3.0	0.8
5	16.6	24.3	20.2	80.4	18.753	16.5	3.0	6.8	9.8	1.4
6	17.6	23.5	19.4	84.7	18.934	16.5	28.0	19.2	47.2	2.8
7	16.0	25.6	20.6	75.6	18.333	16.1	0.0	3.0	3.0	4.2
8	16.6	25.8	21.1	77.8	19.486	17.0	0.0	0.5	0.5	3.6
9	17.4	25.8	20.7	78.2	19.120	16.7	9.3	33.2	42.5	4.0
10	17.3	24.6	20.2	75.6	16.687	16.4	0.0	0.0	0.0	2.2
11	16.4	25.5	21.3	79.8	20.051	17.5	0.0	0.0	0.0	5.0
12	17.4	24.8	20.5	81.4	19.485	17.1	0.0	0.0	0.0	3.0
13	17.2	25.8	21.4	74.9	18.755	16.5	0.0	0.0	0.0	4.5
14	17.4	25.0	20.3	75.0	18.922	16.6	1.6	0.0	1.6	1.3
15	17.8	25.2	21.8	76.1	19.322	16.9	0.3	2.2	2.5	3.7
16	16.8	25.5	21.3	78.3	15.673	17.2	0.1	4.1	4.2	3.0
17	17.2	24.2	20.2	84.3	19.716	17.3	0.0	0.0	0.0	0.9
18	17.3	26.5	21.3	75.6	18.651	16.4	0.0	0.8	0.8	6.4
19	17.6	25.5	20.9	74.5	18.199	16.0	0.0	0.0	0.0	3.1
20	16.8	26.0	19.6	89.1	20.395	17.8	8.3	0.2	8.5	3.7
21	17.4	26.5	22.0	77.2	19.940	17.4	0.0	0.1	0.1	5.4
22	17.8	27.5	22.4	72.3	19.219	16.8	0.0	37.2	37.2	5.8
23	15.6	26.5	21.5	75.0	18.692	16.4	0.0	0.0	0.0	2.4
24	16.4	26.5	22.0	77.4	19.874	17.4	0.0	0.0	0.0	4.6
25	15.4	27.5	21.9	77.2	19.740	17.3	0.0	36.9	36.9	6.5
26	17.6	23.5	20.2	84.2	19.800	17.3	5.9	0.0	5.9	1.2
27	16.2	25.5	20.7	74.4	17.885	15.7	0.0	0.0	0.0	6.1
28	17.8	27.3	22.2	67.3	17.415	15.3	0.0	0.0	0.0	8.4
29	17.8	25.0	21.9	71.9	18.528	16.3	0.0	2.6	2.6	0.2
30	16.4	24.8	20.4	85.7	20.474	17.8	5.6	19.7	25.3	2.3
31	17.2	24.8	20.6	83.5	20.137	17.5	0.3	0.0	0.3	1.1
PROM.	17.0	25.5	20.9	78.7	19.175	16.8	68.6	199.8	268.4	110.9

ESTACION: MANUEL MALLARINO

MUNICIPIO TRUJILLO

AÑO: 1.983

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	17.9	28.7	22.7	16.6	31.0	73.6	15.817	17.3	23.5	4	161.1
FEBRERO	18.1	29.2	22.9	16.2	31.3	72.6	15.822	17.3	22.5	3	163.4
MARZO	18.2	28.2	22.6	16.2	31.5	77.1	20.580	17.9	256.2	15	108.5
ABRIL	17.6	25.9	21.5	16.3	29.0	82.4	20.887	18.2	278.8	22	84.6
MAYO	17.9	26.6	22.1	16.2	28.5	80.3	21.124	18.3	164.0	18	121.6
JUNIO	17.4	26.6	22.0	15.0	29.5	78.4	20.404	17.8	46.5	13	136.5
JULIO	17.7	27.6	22.5	15.8	30.0	72.6	15.307	16.9	125.8	10	177.9
AGOSTO	18.2	28.4	22.8	16.6	31.3	70.7	15.107	16.7	76.0	6	184.4
SEPTIEMBRE	17.5	27.7	22.3	16.2	30.5	70.9	18.641	16.3	95.6	12	163.1
OCTUBRE	16.8	26.3	21.4	15.2	30.5	76.2	15.114	16.7	184.0	21	115.3
NOVIEMBRE	17.5	26.6	21.7	16.0	29.0	76.8	19.604	17.1	114.8	17	124.3
DICIEMBRE	17.0	25.5	20.9	15.4	27.5	78.7	15.175	16.8	268.4	20	110.9
PROMEDIO	17.7	27.3	22.1	16.0	30.0	75.9	15.799	17.3			
TOTAL									1656.1	161	1651.6

ESTACION: JULIO FERNANDEZ

MUNICIPIO: RESTREPO

AÑO: 1.983

ALTITUD: 1.360

LATITUD: 3-49 N.

LONGITUD: 76-31 W.

## M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	26.4	23.4	65.3	17.254	15.1	0.0	0.0	0.0	8.2
2	17.0	26.0	23.4	70.0	18.622	16.4	0.0	0.0	0.0	3.2
3	18.2	24.9	20.1	82.2	19.465	17.1	0.3	0.0	0.3	1.6
4	15.7	25.6	21.4	75.4	18.164	15.6	0.0	0.8	0.8	4.9
5	17.4	25.6	21.6	76.8	19.310	16.7	0.0	0.6	0.6	4.5
6	18.4	25.5	21.9	74.4	18.885	16.5	0.0	0.0	0.0	2.4
7	16.0	27.0	21.4	78.7	19.313	16.7	0.0	0.0	0.0	3.8
8	18.0	26.0	20.9	81.5	20.186	17.6	0.0	0.0	0.0	5.9
9	17.7	26.7	21.5	78.2	19.791	17.3	0.0	0.0	0.0	7.7
10	18.0	26.8	22.1	77.2	20.016	17.3	0.0	0.0	0.0	7.1
11	18.5	26.1	21.2	77.9	19.302	16.8	9.7	0.0	9.7	2.2
12	18.0	20.8	19.6	93.2	21.385	18.6	0.0	0.0	0.0	0.3
13	15.2	27.4	20.6	76.8	17.905	15.6	0.0	0.0	0.0	0.0
14	17.9	27.4	21.7	78.0	19.676	17.1	0.0	0.0	0.0	4.2
15	17.1	29.0	22.2	73.6	19.071	16.6	0.0	0.0	0.0	8.5
16	17.3	27.3	21.3	78.4	19.553	17.0	0.0	0.0	0.0	6.6
17	16.6	27.7	21.3	79.2	19.593	17.1	0.0	0.0	0.0	3.6
18	19.0	27.9	21.6	79.9	20.343	17.7	0.0	0.0	0.0	7.3
19	17.6	28.6	21.3	76.1	18.557	16.1	0.0	0.0	0.0	7.5
20	17.2	28.4	21.4	75.2	18.841	16.4	0.0	0.0	0.0	7.7
21	17.9	28.1	22.2	80.0	21.034	18.1	0.0	0.0	0.0	6.4
22	18.1	28.2	22.1	76.8	19.876	17.3	0.0	0.0	0.0	8.2
23	18.1	28.7	21.8	75.7	19.435	16.9	0.0	0.0	0.0	8.2
24	17.8	28.4	22.2	73.5	19.129	16.5	0.0	0.0	0.0	8.6
25	18.1	29.3	22.3	76.3	19.671	17.0	0.0	0.0	0.0	1.7
26	20.0	26.9	22.0	77.0	20.207	17.5	0.0	3.6	3.6	0.0
27	18.4	26.4	21.1	75.4	18.755	16.4	0.0	0.0	0.0	2.2
28	17.9	28.5	21.4	74.7	18.579	16.2	0.0	0.0	0.0	7.3
29	18.1	27.0	21.8	76.4	19.573	17.1	0.0	0.0	0.0	3.4
30	16.6	28.2	21.1	74.6	17.782	15.2	0.0	7.9	7.9	6.7
31	19.0	27.8	21.6	73.1	18.532	16.1	0.0	0.0	0.0	4.8
PROM.	17.7	27.1	21.6	76.8	19.284	16.8	10.0	12.9	22.9	154.9

## 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	16.6	28.6	21.8	75.7	19.013	16.5	0.0	0.0	0.0	7.8
2	18.9	28.2	22.3	76.2	20.143	17.5	0.0	0.0	0.0	4.6
3	19.0	29.3	22.1	75.2	19.325	16.7	0.0	0.0	0.0	7.0
4	19.3	28.0	22.0	73.2	18.940	16.3	0.0	0.0	0.0	3.8
5	18.2	24.8	20.4	74.7	18.147	15.8	0.0	0.0	0.0	0.4
6	14.1	28.5	21.3	73.9	17.484	14.9	0.0	0.0	0.0	8.2
7	16.0	25.4	19.2	76.4	17.193	15.0	15.4	0.1	15.5	1.0
8	16.1	26.6	19.8	79.5	18.379	16.2	0.0	0.0	0.0	8.4
9	17.4	28.2	21.6	73.0	18.259	15.8	0.0	0.0	0.0	6.2
10	17.0	26.9	21.2	73.3	17.922	15.6	0.0	0.0	0.0	7.9
11	16.8	26.6	20.5	76.7	17.869	15.6	0.0	0.0	0.0	6.5
12	17.8	26.8	20.9	78.4	19.280	16.7	0.0	0.0	0.0	8.3
13	15.3	28.5	21.3	68.8	16.980	14.6	0.0	0.0	0.0	8.9
14	17.9	28.9	21.1	75.3	17.963	15.4	0.0	0.0	0.0	5.6
15	18.6	30.3	22.1	72.5	18.347	15.8	0.0	0.0	0.0	8.2
16	18.2	29.2	21.7	73.7	19.007	16.5	0.0	0.0	0.0	5.2
17	17.4	29.2	21.7	74.6	18.852	16.4	0.0	0.0	0.0	5.9
18	17.0	27.4	22.1	70.8	18.524	16.0	0.0	2.1	2.1	3.4
19	16.6	27.4	21.0	76.3	18.417	16.1	0.0	0.0	0.0	6.8
20	17.0	29.2	21.5	73.9	17.977	15.6	0.0	0.4	0.4	8.1
21	18.4	26.1	21.8	71.0	18.362	15.9	0.3	0.0	0.3	4.1
22	17.3	29.3	21.6	77.9	19.805	17.2	0.0	0.0	0.0	6.1
23	19.9	28.2	22.0	76.0	19.815	17.2	0.0	0.0	0.0	6.1
24	19.2	27.4	21.7	75.2	19.157	16.7	0.0	0.0	0.0	3.9
25	16.0	26.9	21.0	72.5	17.156	14.7	0.0	0.0	0.0	6.0
26	15.6	28.5	21.2	72.8	17.425	15.2	0.0	0.0	0.0	4.4
27	17.4	28.6	21.1	76.2	18.409	16.0	0.0	3.3	3.3	7.2
28	17.6	29.0	22.7	79.4	21.491	18.6	0.0	0.0	0.0	4.8
PROM.	17.4	27.9	21.4	74.8	18.559	16.1	15.7	5.9	21.6	164.8

ESTACION: JULIO FERNANDEZ

MUNICIPIO: RESTREPO

AÑO:

1.983

ALTITUD: 1.360

LATITUD: 3-49 N.

LONGITUD: 76-31 W.

## M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	20.0	28.2	21.9	83.2	22.139	19.1	6.0	0.0	6.0	1.7
2	19.3	27.7	21.4	83.6	21.479	18.6	0.0	0.0	0.0	8.1
3	17.0	27.2	20.6	81.7	20.078	17.5	0.0	0.0	0.0	4.4
4	17.3	28.4	20.7	83.3	20.552	18.0	0.0	0.0	0.0	6.8
5	18.0	29.7	21.2	78.7	19.584	17.1	0.0	5.2	5.2	6.6
6	18.7	26.0	20.5	86.6	21.142	18.4	5.4	0.0	5.4	1.8
7	18.8	27.6	20.9	85.0	21.185	18.4	0.0	0.0	0.0	4.4
8	18.6	27.2	21.2	81.9	20.520	17.9	0.0	0.0	0.0	3.3
9	18.6	24.3	20.2	95.0	23.124	19.8	1.6	1.7	3.3	0.5
10	19.2	21.4	19.4	98.5	22.286	19.2	8.6	0.9	9.5	0.0
11	18.2	27.9	21.2	85.5	21.441	18.6	0.0	0.0	0.0	3.8
12	19.1	27.8	21.8	81.8	21.310	18.5	0.0	0.0	0.0	0.0
13	18.8	28.1	21.8	83.3	21.640	18.7	0.0	0.0	0.0	0.7
14	18.7	27.7	20.8	84.8	21.010	18.3	2.4	0.0	2.4	1.1
15	16.1	25.2	20.4	87.0	20.605	17.9	0.9	0.0	0.9	6.0
16	17.9	29.4	21.7	83.1	21.385	18.6	0.0	1.4	1.4	8.7
17	17.4	27.0	21.1	84.2	21.265	18.5	0.0	1.3	1.3	3.2
18	16.1	25.4	21.4	80.7	20.148	17.6	0.0	0.0	0.0	8.3
19	18.0	24.9	21.6	84.8	21.534	18.7	0.0	0.0	0.0	3.3
20	18.0	28.4	21.8	81.3	21.086	18.3	0.0	0.0	0.0	7.9
21	19.0	26.2	20.8	87.9	21.918	19.0	0.0	0.0	0.0	1.8
22	17.0	28.4	21.4	66.0	21.899	18.9	1.0	0.2	1.2	4.6
23	18.9	28.5	22.4	74.1	19.414	16.7	0.1	0.1	0.2	5.7
24	18.5	26.2	21.2	72.9	18.218	15.8	2.8	14.7	17.5	0.8
25	18.0	24.3	19.9	75.8	17.459	15.2	0.3	0.7	1.0	1.1
26	18.0	26.8	21.7	73.6	18.287	15.7	0.0	0.0	0.0	1.6
27	18.7	26.4	22.0	76.3	19.638	17.0	9.3	0.0	9.3	4.0
28	18.5	25.0	20.6	85.2	20.716	18.0	1.5	7.5	9.0	3.3
29	18.2	26.9	20.4	84.3	20.466	17.8	0.0	0.0	0.0	4.9
30	17.0	27.3	20.8	79.1	19.178	16.7	0.0	0.0	0.0	3.3
31	18.5	28.0	21.7	79.2	20.113	17.5	0.0	1.2	1.2	8.7
PROM.	18.2	27.0	21.1	82.9	20.673	17.9	39.9	34.9	74.8	120.4

## M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1							0.0	0.0	0.0	1.8
2							0.0	0.0	0.0	0.6
3							0.0	0.0	0.0	4.1
4							0.0	0.0	0.0	1.6
5	16.0	27.0	20.7	77.9	19.373	16.8	0.0	8.0	8.0	4.3
6	17.3	25.3	19.7	81.3	19.155	16.8	2.5	1.0	3.5	2.6
7	16.5	22.8	18.0	86.7	18.160	16.0	0.0	0.0	0.0	0.2
8	15.3	26.0	20.3	70.2	16.411	14.3	0.0	9.0	9.0	3.9
9	15.3	24.3	19.8	74.0	16.707	14.5	8.0	0.0	8.0	0.6
10	16.8	26.3	20.3	71.2	17.076	15.0	0.2	29.0	29.2	0.9
11	17.6	25.0	20.0	75.7	17.659	15.4	0.0	0.0	0.0	0.7
12	17.0	25.8	20.7	71.3	17.011	14.8	0.0	0.0	0.0	3.2
13	17.5	26.0	21.2	74.2	18.410	16.1	0.0	1.2	1.2	2.7
14	17.2	27.0	21.1	76.9	19.306	16.8	0.0	0.0	0.0	0.7
15	17.3	27.3	21.5	76.3	19.251	16.8	0.0	9.0	9.0	7.4
16	17.0	24.3	20.6	85.8	21.056	18.3	0.0	0.0	0.0	8.1
17	14.4	26.3	20.7	78.2	19.429	17.0	0.0	0.0	0.0	4.7
18	18.0	25.5	19.1	83.4	18.562	16.3	0.0	0.0	0.0	1.9
19	17.1	26.0	19.9	76.5	18.038	15.7	0.0	0.0	0.0	5.3
20	15.6	26.5	20.0	67.0	15.314	13.3	0.0	0.0	0.0	6.8
21	17.3	28.5	20.9	71.5	17.046	14.6	0.0	10.0	10.0	6.1
22	16.3	27.5	21.0	75.7	18.548	16.2	0.0	0.0	0.0	5.8
23	14.3	27.2	21.0	71.0	16.563	14.2	0.0	0.0	0.0	3.5
24	17.5	25.8	20.2	83.6	19.490	17.0	0.0	0.0	0.0	5.4
25	16.0	26.8	20.7	75.9	18.407	16.1	0.0	10.0	10.0	3.0
26	17.5	25.6	19.9	88.3	20.706	18.0	37.0	5.0	42.0	0.7
27	15.3	27.8	20.9	70.9	17.351	15.2	0.0	5.0	5.0	5.3
28	17.3	24.0	20.6	78.9	19.269	16.9	0.0	0.0	0.0	5.4
29	16.5	26.5	20.6	70.3	16.810	14.7	0.0	0.0	0.0	4.1
30	16.3	27.3	21.2	82.4	20.897	18.2	0.0	0.0	0.0	4.4
PROM.							47.7	87.2	134.9	105.8

ESTACION: JULIO FERNANDEZ

MUNICIPIO: RESTREPO

AÑO: 1.983

ALTITUD: 1.360

LATITUD: 3-49 N.

LONGITUD: 76-31 W.

## M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	28.3	21.7	66.9	16.742	14.6	0.5	0.0	0.5	4.5
2	18.6	27.3	20.8	71.5	17.638	15.3	26.1	0.0	26.1	1.3
3	17.3	27.5	21.2	66.6	16.494	14.3	19.2	14.0	33.2	4.1
4	17.2	25.5	21.2	70.6	17.657	15.5	2.0	0.0	2.0	2.2
5	17.3	27.3	21.3	69.8	17.425	15.2	4.0	38.0	42.0	5.0
6	17.5	27.3	21.1	72.7	18.050	15.8	3.0	0.0	3.0	3.1
7	18.4	26.5	21.6	76.3	19.562	17.1	0.5	0.0	0.5	2.6
8	15.5	26.3	22.1	68.1	17.574	15.3	0.0	0.0	0.0	9.9
9	14.5	27.9	22.0	66.9	17.171	14.9	0.0	39.0	39.0	8.8
10	17.5	28.5	22.0	64.2	16.792	14.7	0.0	0.0	0.0	6.9
11	18.3	27.2	22.3	79.9	21.710	18.8	0.0	0.0	0.0	1.0
12	18.5	27.2	21.8	73.5	19.156	16.8	0.0	0.0	0.0	3.7
13	14.3	27.5	21.8	72.1	18.099	15.8	0.1	0.0	0.1	5.3
14	16.0	29.0	22.3	75.7	19.519	17.0	5.0	0.0	5.0	4.3
15	19.3	27.0	22.6	76.1	20.785	18.1	0.0	0.0	0.0	2.7
16	18.0	26.0	19.2	86.8	19.332	17.0	0.0	0.0	0.0	0.6
17	14.6	25.5	20.7	75.3	18.114	15.8	23.0	0.0	23.0	1.1
18	18.0	24.3	20.5	88.5	21.421	18.6	0.0	2.0	2.0	1.3
19	17.6	26.9	20.9	75.8	18.481	16.2	12.0	0.0	12.0	2.4
20	18.0	26.2	20.9	81.0	19.900	17.4	0.0	0.0	0.0	1.3
21	16.2	26.3	21.0	84.2	21.116	18.4	0.0	0.0	0.0	5.4
22	17.3	27.9	21.7	72.5	18.168	15.9	0.0	0.0	0.0	6.0
23	17.6	27.1	21.2	73.7	18.007	15.7	0.0	0.0	0.0	6.1
24	18.0	27.5	21.1	70.6	17.440	15.2	0.2	0.0	0.2	3.3
25	17.5	26.8	21.8	79.0	20.127	17.5	0.0	0.0	0.0	1.7
26	17.4	26.6	20.3	88.1	21.014	18.3	3.0	0.0	3.0	3.7
27	18.0	27.0	21.8	72.9	18.879	16.5	0.0	2.5	2.5	4.4
28	18.7	25.0	20.6	77.3	18.957	16.6	0.0	0.0	0.0	0.7
29	17.4	27.4	21.4	71.2	17.757	15.5	0.0	0.0	0.0	7.3
30	18.0	28.3	21.3	68.5	17.205	14.9	2.0	0.0	2.0	4.7
31	16.0	28.0	21.7	73.4	18.491	16.1	0.0	0.0	0.0	5.0
PROM.	17.3	27.1	21.4	74.5	18.672	16.3	100.6	95.5	196.1	120.4

## 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	17.6	26.5	21.6	70.0	17.745	15.6	0.0	0.0	0.0	7.1
2	17.7	26.3	20.6	76.5	18.340	16.1	0.0	0.0	0.0	2.9
3	17.3	24.5	20.5	75.0	17.813	15.6	0.2	0.0	0.2	0.0
4	17.1	25.5	21.8	65.3	16.543	14.4	0.0	0.0	0.0	4.7
5	17.2	24.3	20.6	73.0	17.623	15.5	0.0	0.0	0.0	0.8
6	16.6	26.3	20.6	69.9	16.718	14.6	0.0	0.0	0.0	4.7
7	17.4	25.3	20.3	74.2	17.844	15.7	0.7	0.0	0.7	4.7
8	17.3	22.5	19.3	84.9	18.843	16.5	18.2	0.0	18.2	0.2
9	16.4	26.4	21.1	70.1	17.283	15.2	0.0	0.0	0.0	5.9
10	16.5	27.9	21.5	68.3	17.085	14.9	0.0	0.0	0.0	6.9
11	18.5	24.0	20.2	71.3	16.875	14.8	0.0	0.0	0.0	0.7
12	13.6	26.0	20.8	71.1	16.547	14.3	0.9	0.0	0.9	5.4
13	18.8	26.4	21.1	68.7	17.558	14.8	0.0	7.5	7.5	6.5
14	16.6	28.8	21.6	75.4	19.517	17.1	0.0	0.0	0.0	9.6
15	17.6	27.4	21.1	70.8	17.618	15.3	0.0	0.0	0.0	7.1
16	18.0	26.4	20.7	71.1	17.268	15.1	0.0	5.2	5.2	2.6
17	18.0	27.0	21.9	68.9	17.403	15.1	0.0	5.0	5.0	1.9
18	13.6	29.3	22.2	67.3	17.364	15.1	0.0	0.0	0.0	8.5
19	18.8	25.6	20.7	73.6	17.695	15.4	0.0	0.0	0.0	7.0
20	18.5	25.6	20.9	74.6	18.376	16.1	0.0	0.0	0.0	3.0
21	14.5	28.4	20.9	65.0	15.090	13.0	0.0	0.0	0.0	7.4
22	15.5	27.0	20.7	68.9	16.333	14.1	0.0	0.0	0.0	7.6
23	17.7	28.8	22.3	55.9	14.224	11.9	0.0	0.0	0.0	6.2
24	15.0	26.6	21.6	70.2	16.909	14.7	0.0	0.0	0.0	8.7
25	11.0	27.3	20.2	67.2	15.108	12.9	0.0	0.0	0.0	7.9
26	17.8	26.5	21.4	73.2	18.298	15.6	0.0	0.0	0.0	5.9
27	18.6	26.5	21.2	67.4	16.526	14.1	0.0	0.0	0.0	4.9
28	13.2	26.3	19.7	73.3	16.887	14.7	0.0	0.0	0.0	4.0
29	14.5	26.5	21.0	67.8	16.317	14.0	0.0	0.0	0.0	2.8
30	13.0	26.0	19.3	71.2	15.407	13.4	0.0	0.0	0.0	6.7
PROM.	16.5	26.4	20.9	70.7	17.089	14.9	20.0	17.7	37.7	152.3

ESTACION: JULIO FERNANDEZ

MUNICIPIO: RESTREPO

AÑO: 1.983

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	14.5	25.5	20.2	71.2	16.614	14.5	6.0	0.0	6.0	1.1
2	16.5	26.5	21.2	67.0	16.147	14.1	0.0	0.0	0.0	4.6
3	14.9	25.9	21.6	67.1	16.763	14.5	7.0	3.3	10.3	6.3
4	15.5	27.2	20.6	70.4	17.012	14.3	0.0	0.0	0.0	6.4
5	17.0	25.4	20.4	75.0	16.852	16.6	0.0	0.0	0.0	8.5
6	14.0	26.6	21.4	71.5	17.285	15.0	0.0	4.6	4.6	4.0
7	17.0	25.3	20.1	77.0	16.146	15.9	0.0	0.0	0.0	0.0
8	16.0	25.6	19.9	76.6	17.276	15.0	1.6	2.3	3.9	4.2
9	15.5	24.8	18.6	77.7	17.090	14.9	0.0	0.0	0.0	2.7
10	14.0	23.3	19.7	73.4	16.394	14.3	0.0	0.0	0.0	5.6
11	14.6	29.3	21.1	70.9	16.346	13.9	0.0	0.0	0.0	7.9
12	14.6	26.4	20.3	74.1	17.491	15.1	0.0	0.0	0.0	6.6
13	14.6	26.8	20.4	71.9	16.742	14.5	0.0	0.0	0.0	4.6
14	16.5	26.5	19.0	75.6	16.594	14.2	2.2	0.4	2.6	3.8
15	17.0	25.3	20.4	77.7	16.212	15.9	7.4	0.0	7.4	3.2
16	17.0	24.3	19.6	74.2	16.444	13.9	0.0	0.0	0.0	6.4
17	18.0	28.3	21.5	74.9	18.505	16.3	0.0	0.0	0.0	8.9
18	16.0	25.3	20.8	76.1	18.499	16.2	0.0	0.0	0.0	2.1
19	14.1	28.6	21.3	69.9	16.663	14.2	0.0	0.0	0.0	8.4
20	17.1	26.3	21.0	74.3	16.501	16.5	0.0	0.0	0.0	3.6
21	16.7	23.6	19.9	80.1	18.400	16.1	0.0	0.0	0.0	0.1
22	16.1	24.4	20.5	78.0	18.484	16.1	0.0	0.0	0.0	4.6
23	11.5	24.6	20.6	66.8	14.882	12.6	0.0	0.0	0.0	8.7
24	12.4	25.3	20.9	64.2	14.645	12.1	0.0	0.0	0.0	9.9
25	16.5	26.0	21.5	68.8	16.574	14.0	0.0	0.0	0.0	8.4
26	14.5	26.0	20.7	68.4	16.162	14.0	0.0	0.0	0.0	2.6
27	12.8	27.0	20.2	69.5	15.384	13.0	0.0	0.0	0.0	4.0
28	16.6	25.5	20.5	73.6	17.425	15.1	0.0	0.0	0.0	2.4
29	16.6	26.8	21.2	72.2	17.801	15.5	0.0	0.0	0.0	3.6
30	16.6	25.6	20.4	71.5	16.567	14.1	4.3	0.0	4.3	2.9
PROM.	15.6	26.6	20.5	72.9	17.072	14.8	28.5	10.3	38.8	151.1

## 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	15.6	25.8	20.2	68.8	15.529	13.3	0.8	0.0	0.8	5.9
2	13.6	26.2	19.8	68.9	14.478	12.0	0.0	0.0	0.0	4.6
3	15.3	27.5	21.5	64.1	15.608	13.3	0.0	0.0	0.0	6.6
4	14.3	27.0	21.6	60.5	14.318	12.0	0.0	5.4	5.4	4.4
5	16.6	24.0	19.2	69.5	15.403	13.4	0.0	0.0	0.0	2.8
6	13.2	26.5	19.6	70.2	15.022	12.6	0.0	2.2	2.2	5.2
7	15.8	27.0	20.0	67.7	14.683	12.1	0.0	0.0	0.0	7.7
8	15.9	27.0	21.5	62.4	15.042	12.4	0.0	0.0	0.0	8.9
9	12.2	28.8	20.3	71.6	15.641	13.1	0.0	0.0	0.0	7.1
10	15.6	28.0	20.2	72.3	16.440	14.2	0.0	0.0	0.0	4.4
11	14.4	27.9	20.9	71.0	16.788	14.4	0.0	0.0	0.0	8.9
12	18.0	26.3	19.4	82.8	18.755	16.5	4.7	0.0	4.7	2.4
13	12.0	32.1	21.1	66.9	14.639	11.9	0.0	0.0	0.0	10.0
14	15.7	31.8	22.3	66.6	16.026	13.5	0.0	0.0	0.0	9.9
15	18.4	30.0	21.8	66.0	16.349	13.7	0.0	0.0	0.0	8.1
16	17.4	28.8	21.6	76.5	19.202	16.5	0.0	0.0	0.0	3.2
17	17.0	28.1	21.3	72.6	17.495	15.0	0.0	0.0	0.0	3.1
18	18.3	26.6	20.9	74.4	18.220	15.9	0.0	0.0	0.0	5.7
19	17.1	28.5	21.8	72.5	17.828	15.3	0.1	0.0	0.1	5.6
20	17.2	30.8	21.7	65.9	15.454	12.7	0.0	0.0	0.0	4.0
21	17.3	28.5	21.2	67.7	16.461	14.3	0.0	0.0	0.0	4.8
22	16.9	26.8	20.6	73.9	17.522	15.2	0.0	0.0	0.0	6.1
23	17.4	23.1	19.1	75.1	16.647	14.5	0.0	0.0	0.0	6.0
24	14.7	30.5	21.2	74.0	18.799	16.4	1.0	5.1	6.1	3.6
25	17.3	27.3	20.8	66.2	15.005	11.9	0.0	0.0	0.0	1.6
26	16.7	27.0	19.4	69.9	15.072	12.3	0.0	0.0	0.0	0.1
27	16.7	26.5	20.1	73.3	16.791	14.4	0.0	0.0	0.0	6.0
28	16.8	27.0	21.4	72.4	17.805	15.5	2.1	0.0	2.1	0.4
29	16.8	25.4	19.6	73.3	16.172	14.0	0.0	0.0	0.0	1.1
30	13.4	29.5	20.4	72.0	15.974	13.7	0.0	0.0	0.0	6.9
31	17.5	27.0	20.5	71.7	16.456	13.4	0.0	0.0	0.0	6.1
PROM.	16.0	27.7	20.7	70.3	16.310	13.9	8.7	12.7	21.4	161.4

ESTACION: JULIO FERNANDEZ

MUNICIPIO: RESTREPO

AÑO:

1.988

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	17.0	28.5	20.4	66.3	15.241	12.6	0.2	0.0	0.2	6.4
2	17.3	27.5	20.4	71.7	16.512	14.2	0.0	0.0	0.0	6.4
3	17.3	28.0	19.9	72.8	16.562	14.3	0.0	0.0	0.0	6.4
4	13.6	27.0	20.6	71.8	16.522	14.4	0.0	0.0	0.0	6.4
5	17.9	28.5	20.1	75.5	17.380	15.0	0.0	0.0	0.0	6.4
6	15.6	24.5	18.9	78.4	16.993	14.7	0.0	0.0	0.0	6.4
7	15.1	26.5	20.0	69.4	15.267	13.0	0.0	0.0	0.0	6.4
8	14.0	27.9	20.8	69.3	15.645	13.0	0.0	0.0	0.0	6.4
9	15.5	25.6	19.4	74.1	16.535	14.5	0.0	0.0	0.0	6.4
10	15.1	25.8	18.8	75.3	16.131	13.9	0.0	0.0	0.0	6.4
11	14.6	24.3	18.7	82.8	17.713	15.6	0.0	0.0	0.0	6.4
12	15.1	27.0	20.1	71.2	15.813	13.4	0.0	0.0	0.0	6.4
13	18.2	27.5	20.6	65.2	15.346	13.0	0.0	0.0	0.0	6.4
14	17.0	26.6	20.2	73.4	16.840	14.7	0.0	0.0	0.0	6.4
15	13.1	27.0	20.3	67.7	14.630	12.0	0.0	0.0	0.0	6.4
16	15.1	25.0	19.5	70.2	16.050	13.8	0.0	0.0	0.0	6.4
17	16.1	26.5	18.4	86.0	18.322	16.1	11.7	0.0	11.7	6.4
18	15.1	26.5	19.5	76.4	16.650	14.5	0.0	0.0	0.0	6.4
19	15.4	26.0	19.2	75.0	15.987	13.7	9.1	0.0	9.1	6.4
20	14.7	27.0	19.7	70.4	15.267	12.9	0.0	0.0	0.0	6.4
21	16.3	25.5	19.1	71.2	15.401	13.2	0.0	0.0	0.0	6.4
22	15.3	28.0	19.9	69.6	15.168	12.6	0.0	0.0	0.0	6.4
23	17.0	28.4	21.5	65.2	16.830	14.4	0.0	0.0	0.0	6.4
24	17.3	25.4	20.1	66.5	15.715	13.6	0.0	14.6	14.6	6.4
25	12.6	28.3	20.3	73.5	16.232	13.8	0.0	0.0	0.0	6.4
26	17.0	27.6	20.8	72.1	17.161	14.6	0.0	0.0	0.0	6.4
27	17.6	27.5	21.4	73.8	18.088	15.9	0.0	0.0	0.0	6.4
28	17.5	24.5	20.2	76.7	18.088	15.7	0.0	1.6	1.6	6.4
29	14.2	27.0	20.4	76.6	17.408	14.8	0.0	0.0	0.0	6.4
30	17.0	26.5	20.2	76.7	17.853	15.4	0.0	0.0	0.0	6.4
PROM.	15.8	26.5	20.0	73.0	16.445	14.1	23.9	29.4	53.3	125.2

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	16.8	26.3	20.6	75.2	18.201	15.8	0.0	0.0	0.0	1.4
2	18.0	25.0	20.4	73.3	17.729	15.8	0.2	0.0	0.2	6.5
3	14.8	24.4	19.2	76.4	16.600	14.5	0.0	0.0	0.0	3.7
4	15.0	26.4	19.9	74.4	17.144	14.7	1.1	6.0	7.1	4.9
5	16.2	26.5	19.0	82.9	18.145	15.9	0.0	0.0	0.0	5.5
6	16.3	27.0	20.0	83.0	19.072	16.7	0.0	0.0	0.0	4.2
7	15.7	25.5	20.7	73.2	17.470	15.0	0.0	0.0	0.0	0.1
8	14.2	24.3	20.1	71.5	16.500	14.4	0.0	26.0	26.0	4.7
9	15.7	27.0	20.1	71.0	15.800	13.5	0.9	0.0	0.9	5.2
10	15.4	25.0	19.3	74.2	15.987	13.6	0.4	6.1	6.5	4.2
11	13.0	25.0	18.5	70.8	16.036	14.0	0.0	0.0	0.0	4.1
12	16.2	21.4	18.9	74.6	15.225	12.9	0.8	4.6	5.4	4.2
13	13.5	24.5	18.9	86.9	18.582	16.3	24.3	0.0	24.3	0.1
14	16.0	20.5	18.2	77.6	16.382	14.1	0.4	0.6	1.0	3.7
15	16.0	20.5	18.2	91.5	19.224	16.9	3.4	0.0	3.4	0.0
16	14.8	22.5	18.2	78.9	16.289	13.9	0.0	0.0	0.0	7.4
17	11.0	27.0	19.0	69.0	13.968	11.7	0.0	0.0	0.0	6.0
18	16.4	26.0	20.7	68.4	16.548	14.4	0.0	0.0	0.0	6.3
19	16.0	22.6	18.5	80.0	17.201	15.0	0.0	0.0	0.0	3.7
20	13.1	25.5	18.7	77.6	15.969	13.8	0.0	0.0	0.0	5.4
21	16.0	26.3	19.6	72.5	16.008	13.5	0.0	0.0	0.0	7.0
22	15.3	27.3	20.5	69.7	16.193	13.7	0.0	0.0	0.0	7.0
23	16.5	26.0	20.7	65.2	15.495	13.1	0.0	1.9	1.9	4.0
24	17.5	24.6	20.5	77.3	18.574	16.3	0.1	0.0	0.1	0.0
25	15.5	20.5	17.9	88.0	18.179	16.0	0.0	0.0	0.0	0.0
26	15.2	25.4	19.9	72.6	16.199	13.9	0.0	0.0	0.0	0.0
27	16.6	25.5	19.2	90.7	20.045	17.5	7.7	2.4	10.1	0.7
28	17.5	23.8	20.1	76.7	17.740	15.6	0.0	1.6	1.6	0.3
29	17.9	24.5	19.0	88.7	19.674	17.2	10.3	10.8	21.1	2.1
30	17.1	22.7	19.4	80.0	17.800	15.4	0.7	0.1	0.8	0.0
31	16.7	25.7	19.5	75.8	17.017	14.6	0.0	0.0	0.0	2.6
PROM.	15.7	24.9	19.5	77.2	17.129	14.8	49.9	60.2	110.1	108.0

ESTACION: JULIO FERNANDEZ

MUNICIPIO: RESTREPO

AÑO: 1.983

ALTITUD: 1.360

LATITUD: 3-49 N.

LONGITUD: 76-31 W.

## M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.3	26.2	20.0	74.3	16.786	14.5	0.0	0.0	0.0	4.1
2	17.5	27.6	20.8	73.0	17.484	15.2	0.0	3.0	3.0	0.9
3	17.5	24.4	20.2	82.8	19.481	17.0	0.0	0.4	0.4	0.2
4	17.0	26.3	20.5	76.6	18.171	15.9	0.6	0.0	0.0	3.2
5	16.0	26.3	20.1	76.2	17.666	15.4	0.0	0.0	0.0	1.6
6	16.6	25.6	19.6	78.6	17.893	15.7	1.1	0.0	1.1	1.6
7	15.5	26.3	20.2	72.1	16.445	14.2	0.0	11.3	11.3	0.0
8	17.2	22.3	19.1	75.3	17.219	15.0	0.3	0.0	0.3	0.0
9	13.6	28.2	19.9	72.7	15.845	13.5	0.0	0.0	0.0	0.0
10	17.4	24.5	19.4	71.9	16.033	13.9	0.0	0.0	0.0	6.5
11	14.0	26.0	19.2	72.5	15.188	12.9	0.0	0.0	0.0	3.8
12	16.0	26.0	20.0	85.1	20.309	17.7	0.0	0.0	0.0	6.4
13	15.6	26.5	20.8	78.2	18.606	16.2	0.0	0.2	0.2	7.0
14	15.5	25.8	19.7	73.3	16.145	13.8	0.4	0.3	0.7	8.5
15	15.5	26.5	19.4	75.0	16.157	13.9	7.4	0.6	8.0	3.2
16	14.0	26.6	20.3	76.6	17.671	15.4	0.0	0.0	0.0	6.5
17	18.0	22.5	18.5	87.5	18.735	16.4	7.1	0.0	7.1	0.4
18	14.0	26.8	19.8	75.3	16.208	13.9	0.0	0.0	0.0	6.6
19	18.0	27.5	20.7	77.8	18.569	16.1	0.0	0.0	0.0	2.5
20	18.0	26.0	20.6	78.9	18.928	16.5	0.0	9.5	9.5	1.9
21	17.0	24.6	20.0	79.4	18.401	16.1	0.0	0.8	0.8	3.4
22	17.6	27.5	20.4	76.2	17.845	15.5	0.0	0.0	0.0	3.5
23	17.5	25.7	20.2	76.6	18.003	15.8	2.8	0.0	2.8	5.2
24	15.5	27.5	20.6	65.9	14.974	12.5	0.0	0.0	0.0	4.8
25	16.5	26.7	20.5	75.9	17.745	15.3	0.0	0.0	0.0	5.2
26	16.2	26.6	21.0	72.8	17.637	15.2	0.0	2.3	2.3	7.3
27	17.0	26.0	20.0	75.3	18.161	15.8	0.0	5.3	5.3	4.4
28	17.4	22.0	18.4	81.5	17.264	15.0	5.0	0.0	5.0	0.0
29	14.5	25.7	19.9	76.6	17.098	14.7	2.6	10.3	12.9	3.1
30	14.0	23.0	18.5	78.6	16.212	13.8	3.7	1.0	4.7	1.8
PROM.	16.2	25.8	19.9	76.7	17.431	15.1	30.4	45.7	76.1	105.6

## 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	15.4	24.2	18.7	89.3	19.292	16.9	9.9	0.0	9.9	2.2
2	15.0	25.0	19.6	76.7	17.257	15.1	0.0	0.0	0.0	5.2
3	17.0	23.9	19.4	68.0	15.528	13.5	0.0	2.9	2.9	7.6
4	16.0	23.8	18.6	76.0	16.027	13.9	0.4	0.1	0.5	1.9
5	15.5	22.5	19.2	78.9	17.108	14.9	0.0	7.9	7.9	4.2
6	14.8	22.4	18.1	76.3	15.355	13.2	0.0	4.2	4.2	3.7
7	13.5	24.8	18.5	74.6	15.192	13.0	0.3	0.7	1.0	7.6
8	15.0	24.5	19.0	72.8	15.438	13.3	0.0	0.0	0.0	5.7
9	14.6	23.3	17.8	72.6	14.444	12.3	0.0	1.7	1.7	4.7
10	15.5	24.0	18.7	79.0	16.659	14.5	0.0	0.0	0.0	3.8
11	14.5	24.0	19.3	75.9	16.364	14.0	0.0	2.4	2.4	6.0
12	16.0	24.5	19.0	75.1	16.188	14.0	0.0	0.0	0.0	4.3
13	16.0	25.0	18.7	77.3	16.377	14.0	0.0	0.0	0.0	3.7
14	16.5	25.0	19.3	75.0	16.416	14.1	0.0	0.0	0.0	4.1
15	14.5	25.0	19.3	76.8	16.780	14.6	0.0	0.0	0.0	3.6
16	16.0	24.8	18.8	77.8	16.661	14.5	0.0	1.0	1.0	2.1
17	16.0	24.2	19.3	76.4	16.536	14.2	1.6	0.0	1.6	2.6
18	15.0	23.5	18.9	74.7	15.826	13.5	0.7	0.0	0.7	3.9
19	16.0	22.2	18.0	79.7	16.529	14.5	1.5	0.0	1.5	4.2
20	15.0	23.6	18.3	77.4	15.890	13.8	2.7	0.0	2.7	3.7
21	14.6	26.5	18.4	74.2	14.852	12.3	0.0	0.0	0.0	6.5
22	16.2	25.0	19.0	79.2	17.163	15.0	0.0	0.0	0.0	7.7
23	16.0	24.5	18.9	77.0	16.601	14.5	0.0	0.0	0.0	1.0
24	13.0	26.0	19.3	73.9	15.636	13.4	0.0	0.0	0.0	8.4
25	14.6	27.5	20.0	73.3	16.192	13.9	0.0	0.0	0.0	4.7
26	14.0	19.8	16.4	85.7	16.249	14.1	0.0	0.0	0.0	0.0
27	11.0	25.5	17.6	73.6	13.928	11.6	0.0	0.0	0.0	6.5
28	13.0	25.0	18.9	71.8	14.912	12.6	0.0	0.0	0.0	8.3
29	15.0	24.5	18.6	73.0	15.200	13.0	0.0	0.0	0.0	0.8
30	15.0	23.2	18.1	77.5	15.924	13.9	0.0	0.0	0.0	3.0
31	15.0	24.5	18.3	73.9	14.947	12.7	0.0	0.0	0.0	2.6
PROM.	15.0	24.3	18.7	76.2	16.049	13.8	17.1	20.9	38.0	134.5

ESTACION: JULIO FERNANDEZ

MUNICIPIO RESTREPC

AÑO: 1.983

ALTITUD: 1.360

LATITUD: 3-49 N.

LONGITUD: 76-31 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días Huvias	
ENERO	17.7	27.1	21.6	15.2	29.3	76.8	19.284	16.8	22.9	6	154.9
FEBRERO	17.4	27.9	21.4	14.1	30.3	74.8	18.559	16.1	21.6	5	164.8
MARZO	18.2	27.0	21.1	16.1	29.7	82.9	20.673	17.9	74.8	16	120.4
ABRIL									134.9	11	105.8
MAYO	17.3	27.1	21.4	14.3	29.0	74.5	18.672	16.3	196.1	17	120.4
JUNIO	16.5	26.4	20.9	11.0	25.3	70.7	17.089	14.9	37.7	7	152.3
JULIO	15.6	26.6	20.5	11.5	29.9	72.9	17.072	14.8	38.8	7	151.1
AGOSTO	16.0	27.7	20.7	12.0	32.1	70.3	16.310	13.9	21.4	7	161.4
SEPTIEMBRE	15.8	26.5	20.0	12.6	28.5	73.0	16.445	14.1	53.3	10	125.2
OCTUBRE	15.7	24.9	19.5	11.0	27.3	77.2	17.129	14.8	110.1	16	108.0
NOVIEMBRE	16.2	25.8	19.9	13.6	28.2	76.7	17.431	15.1	76.1	18	105.6
DICIEMBRE	15.0	24.3	18.7	11.0	27.5	76.2	16.049	13.8	38.0	13	134.5
PROMEDIO											
TOTAL									825.7	133	1604.4

ESTACION: MESITAS DE SANTA INES MUNICIPIO: CACHIPAY AÑO: 1.983  
 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												
DÍAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.9	0.5	0.0	0.0	0.0	0.0	63.2	12.3
2	6.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0
3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.4	0.0	17.1
4	17.8	0.0	5.7	2.4	0.4	0.5	0.6	1.3	0.0	0.0	1.0	0.0
5	0.0	5.9	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0	7.0
6	0.0	36.8	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.2	2.0
7	0.0	2.3	11.2	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.7
8	0.0	0.0	44.8	17.3	0.0	0.0	0.5	0.0	2.5	0.6	0.0	14.3
9	0.0	1.4	21.1	7.4	0.0	0.0	4.4	0.0	0.0	0.7	48.6	26.7
10	4.1	40.2	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	20.7	8.0
11	0.0	13.8	3.7	18.1	0.0	0.0	0.0	0.1	0.0	0.0	39.1	1.8
12	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	3.9	11.2	12.7
13	25.3	0.0	0.3	8.8	0.0	0.0	0.0	0.0	0.0	2.9	0.3	31.4
14	0.0	0.0	30.2	25.1	0.0	0.0	2.1	0.0	0.4	11.6	5.0	1.3
15	0.0	23.7	0.0	107.5	0.0	0.0	0.0	0.0	0.0	42.6	1.4	0.0
16	0.9	0.0	1.2	0.1	0.0	0.0	0.0	0.0	0.0	7.6	0.0	0.0
17	0.0	0.0	0.0	10.1	0.0	0.0	0.4	0.0	0.0	0.2	10.3	60.9
18	0.0	1.8	0.0	0.4	1.7	0.0	0.0	0.0	0.0	0.0	0.1	0.7
19	0.0	0.0	0.0	0.0	3.3	0.0	1.1	0.0	0.0	28.0	0.0	0.7
20	0.0	0.5	0.0	2.7	1.8	0.0	0.0	0.0	45.1	7.3	0.0	0.0
21	0.0	1.8	0.0	20.5	2.2	0.0	0.0	0.0	1.6	1.9	0.2	0.0
22	0.0	0.0	2.9	0.0	33.2	1.2	6.8	0.0	2.4	0.0	0.0	0.0
23	0.0	0.0	0.0	12.4	2.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.4	0.1	1.8	0.7	0.0	0.0	0.0	0.0	3.5	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.4
26	0.0	0.0	20.3	25.4	17.8	0.0	0.0	0.0	0.0	22.9	0.0	3.6
27	21.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	1.1	0.0	2.0	30.5	0.0	0.0	25.9	1.8	6.5	0.4	0.0
29	0.0	0.0	18.3	18.2	0.4	0.6	0.0	0.0	0.4	4.2	15.0	0.0
30	0.0	0.6	0.0	0.0	0.0	0.6	0.0	0.0	0.0	2.5	6.7	51.3
31	45.1	0.0	0.0	0.0	0.0	0.8	0.7	0.0	0.0	1.0	0.0	6.0
Total D.Ll.	121.6 8	129.8 13	160.3 14	306.4 21	136.8 13	2.9 4	16.6 8	29.3 5	54.7 8	149.8 20	225.7 17	286.9 19
TOTALES ANUALES								1620.8	m.m.		150	D.Ll.

E R I L L O S O L A R E N H O R A S												
DÍAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	5.1	2.2		0.1	3.7	4.1	2.9	1.6	4.2	4.3	3.8	3.9
2	1.1	0.6		6.5	4.1		6.7	3.7	2.2	3.8	4.4	1.8
3	0.6	7.1	3.0	4.0	8.1	4.4	3.8	2.2	5.0	2.2	4.1	4.9
4	0.8	4.6	4.7	2.9	1.7	2.9	3.4	5.9	6.8	8.5	6.1	0.8
5	2.8	5.0	3.8	3.2	5.5		6.3	3.1	5.2	8.5	4.7	0.2
6	0.4	3.8	2.4	2.2	0.0		6.8	3.1	0.0	0.0	6.9	2.7
7	2.1	6.0	0.9	0.1	1.7	7.6		4.4	3.3	5.2	2.7	4.6
8	6.7		2.4	2.0	6.1		2.0	3.6	1.8	5.3	0.0	1.1
9	3.5	7.9	2.2	0.1	6.7	8.5		8.4	5.3	4.8	3.2	0.9
10	2.1	5.5	0.0	1.4	0.0		8.6	5.3	3.2	7.5	5.7	5.0
11	2.2	6.0	4.5	0.8	10.1	4.4	6.6	5.2	4.7	0.4	2.8	6.7
12	6.7	4.7	4.4	3.7	0.0	6.8	9.9	3.5	4.3	2.7	7.4	5.7
13	6.1	5.8	2.9	0.0				10.2	3.9	0.4	4.4	2.3
14	3.7	3.5	1.3	2.8		7.4	7.6	8.5	8.0	0.0	4.1	3.0
15	2.7	7.3	6.1	6.3		8.6	6.2	8.0	6.4	0.9	4.0	1.4
16	3.9	3.6	5.5	1.5		4.2	7.3	3.4	3.3	0.2	7.7	3.7
17	5.8	5.6	4.5	3.9	3.0		2.1	4.1	2.7	7.9	1.8	0.9
18	6.8		2.8	1.0	1.0		8.3	7.1	4.3	5.1	4.5	0.0
19	4.7		6.9	7.4	4.4		9.6	5.5	4.4	0.1	6.4	4.0
20	5.7		2.0	1.7	3.1		8.4		4.3	3.4	5.4	0.9
21	8.8		0.0		7.0			3.0	4.8	6.0	1.9	4.2
22	6.6		0.0	4.6	4.1	8.2		1.1	6.9	2.2	5.5	6.3
23	7.0		1.9	5.8	5.8	4.1		2.7	5.1	5.1	6.3	4.9
24	7.3		1.1	4.9	4.8	5.9		9.6	3.4	3.1	2.8	5.8
25	8.5		0.0	6.1	4.7	5.1		9.6	0.5	8.2	1.5	2.2
26	4.0		1.7	0.0	2.8	5.6		4.6	5.3	7.5	0.9	1.4
27	4.6		0.0	3.5	2.6	5.4		4.2	7.7	5.4	1.5	6.1
28	0.3	7.8	5.5	3.9	4.1	3.2		3.5	0.3	2.5	1.7	4.0
29	6.9	0.0	7.8	1.8	2.5			3.2	2.0	6.4	2.9	5.9
30	0.0	0.0	9.6	3.8	3.1	8.0		0.9	6.0	2.5	0.0	5.6
31	4.9	0.0		0.0	5.8	0.0		3.1	8.5	0.0	0.0	7.9
Total	132.1		91.9	82.0				143.6	132.2	95.4	135.4	107.3
TOTAL ANUAL -												

ESTACION: LA UNION

MUNICIPIO: LA UNION

AÑO: 1.983

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	4.5	0.0	0.1	0.0	0.8	0.0	0.0	0.0	0.0		0.0	0.0
2	5.1	0.1	0.0	0.0	0.0	1.6	0.0	0.0	2.4		0.0	15.6
3	28.1	0.0	15.1	0.0	5.2	0.4	0.0	0.0	0.0		20.0	30.3
4	0.4	0.0	25.0	0.0	1.3	1.4	0.0	0.2	0.0		0.0	31.1
5	1.6	1.4	10.5	13.2	4.6	0.4	0.0	0.0	2.0		0.0	47.9
6	0.0	10.7	0.2	17.3	2.6	0.0	0.0	0.0	2.6		0.0	0.0
7	18.7	57.5	2.1	36.4	1.7	0.5	0.0	0.0	0.3		2.0	0.0
8	0.0	0.0	48.8	18.6	4.0	0.9	0.6	0.0	0.0		5.5	0.0
9	0.0	0.0	7.5	12.3	2.0	0.6	0.0	0.0	0.0		25.0	22.1
10	0.0	1.0	0.0	15.5	0.0	0.0	0.0	0.0	0.2		4.0	1.8
11	0.0	0.4	13.0	0.7	0.0	0.0	0.0	0.0	0.0		0.0	0.0
12	1.2	0.0	0.0	14.7	0.0	0.0	0.0	0.0	0.0		1.0	5.3
13	6.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
14	0.0	0.8	4.2	8.5	0.0	0.6	0.0	0.0	0.0		4.0	0.0
15	0.0	0.8	0.0	0.0	2.0	0.0	0.0	0.0	0.0		5.0	0.0
16	0.0	0.0	0.0	0.0	13.8	0.0	0.2	0.0	1.9		0.0	8.3
17	0.0	0.0	13.9	16.5	43.3	0.0	0.0	0.0	0.6		9.0	0.4
18	0.0	0.9	0.3	1.1	16.8	0.0	0.0	0.0	0.0		0.0	5.3
19	0.0	0.0	0.0	0.8	5.9	0.0	0.0	0.0	0.0		0.0	0.0
20	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0		0.0	0.0
21	0.0	1.0	0.0	33.7	0.0	0.5	0.0	0.0	0.0		0.0	0.0
22	0.0	1.0	2.7	6.0	22.9	0.0	4.6	0.0	0.3		0.0	2.1
23	0.0	0.0	4.3	2.0	4.4	1.1	0.0	0.0	0.0		52.0	3.3
24	0.0	0.0	3.9	1.7	14.1	0.0	0.0	0.0	0.0		1.0	0.0
25	0.0	1.1	2.0	7.7	0.0	0.0	0.0	0.0	0.0		0.0	0.0
26	0.0	0.3	55.6	24.2	20.8	0.0	0.0	0.0	0.0		1.6	0.2
27	11.0	0.0	13.5	2.0	13.7	0.0	0.0	0.0	0.0		3.0	6.4
28	0.0	0.0	28.3	0.0	3.5	0.0	0.0	0.0	0.0		28.0	0.0
29	2.3	0.0	9.0	58.7	0.0	0.0	0.0	0.0	0.0		10.0	4.9
30	1.1	0.0	0.8	11.8	0.0	0.0	0.0	0.0	0.0		0.0	0.0
31	5.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
Total	85.3	77.0	261.0	327.7	193.2	13.4	5.8	6.4	10.3		170.5	297.1
D. Li.	12	13	22	23	21	9	5	2	8		15	18
TOTALES ANUALES										m.m.		D. Li.

E F 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	3.9	6.4	8.1	8.7	8.8	1.7	3.2	7.0	3.1			7.3
2	4.4	6.5	1.2	5.7	0.6	0.2	5.6	6.5	6.6			3.0
3	0.2	5.1	4.4	5.1	7.3	0.0	8.9	5.1	5.3			3.1
4	3.5	7.1	0.0	5.4	3.7	1.2	2.9	7.0	2.9			0.2
5	0.8	4.5	7.0	8.8	4.7	0.9	5.1	7.0	6.8			5.5
6	2.1	3.9	2.4	2.0	7.8	6.8	8.0	7.1	2.5			2.1
7	6.3	0.9	4.9	0.0	4.9	6.2	5.7	5.7	0.8			6.4
8	5.2	2.9	3.0	3.6	10.2	0.0	1.0	10.6	3.3			5.7
9	7.3	7.8	1.9	0.3	4.2	8.1	5.1	7.1	7.3			1.9
10	7.1	4.2	1.6	2.2		8.4	9.6	5.5	1.7			6.1
11	5.3	8.2	1.3	4.1		4.8	9.7	8.8	4.9			3.6
12	4.2	9.7	2.7	5.7		8.0	8.8	2.5	3.2			2.2
13	6.4	9.8	7.5	0.8		5.1	7.9	10.9	2.0			4.1
14	5.6	8.4	0.6	3.1	6.7	8.2	8.5	8.1	0.2			2.4
15	6.9	4.2	5.9	5.6	4.9	4.9	4.3	6.0	1.4			4.2
16	3.9	4.6	8.4	6.2	3.0	5.1	6.6	5.0	5.4			4.0
17	7.9	10.2	5.7	2.0	1.9	7.7	8.7	6.2	5.8			0.3
18	4.4	3.0	4.9	1.5	6.9	9.8	6.8	0.5	6.3			1.5
19	8.1	2.4	9.9	3.1		10.4	5.9	9.3	2.6			4.0
20	8.7	4.9	8.4	2.2	2.9	6.8	8.4	3.8	2.9			1.9
21	4.9	3.9	6.7	0.7	7.4	8.0	1.5	8.1	8.8			4.7
22	9.1	1.7	5.1	4.0	6.3	6.9	1.3	9.5	4.6			2.7
23	7.6	6.0	5.5	6.9	7.1	8.9	7.0	8.1	7.0			5.6
24	4.9	4.0	1.0	3.6	5.5	7.7	4.9	6.2	6.2			5.2
25	3.7	1.8	0.0	3.1	5.1	8.1	10.5	0.6	6.0			5.9
26	4.8	5.2	5.1	1.1	4.3	8.1	5.2	2.9	10.0			5.3
27	5.5	3.4	7.0	2.2	2.1	5.3	4.9	6.5	4.7			4.8
28	5.9	6.1	7.3	0.8	2.0	7.0	7.4	1.8	3.5			6.8
29	1.8	0.0	0.5	5.8	3.3	6.3	3.3	5.2	5.4			5.8
30	5.6	0.0	5.5	4.7	4.8	7.6	4.5	0.0	3.4			0.6
31	6.4	0.0	3.8	0.0	7.0	0.0	3.1	6.9	0.0			5.8
Total	162.4	146.8	137.3	109.0		182.2	184.3	185.5	134.6			124.7

ESTACION: EL SENA

MUNICIPIO: ARMENIA

AÑO:

1.983

ALTITUD: 1.550

LATITUD: 4-32 N.

LONGITUD:

75-40 W.

DIAS	L L U V I A E N M I L I M E T R O S													
	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	16.1	0.0	0.2	0.0	2.1	1.8	0.0	0.0	1.9	0.0	8.6	3.9		
2	14.4	0.0	9.6	1.6	16.7	49.7	0.0	0.4	0.1	1.3	7.6	32.3		
3	0.4	0.0	0.0	2.1	0.0	13.2	0.0	0.1	14.3	54.5	0.0	35.0		
4	0.8	1.3	6.0	0.0	4.1	21.8	0.2	0.6	0.0	0.0	9.6	5.7		
5	1.1	7.7	8.8	2.7	6.5	1.0	0.0	0.4	11.4	0.0	32.2	16.2		
6	0.0	19.9	0.4	6.6	3.0	9.4	2.0	0.8	0.0	0.0	4.6	9.5		
7	21.9	10.0	24.6	26.6	5.1	31.6	0.3	0.0	0.0	0.0	2.3	0.6		
8	0.0	0.9	7.3	11.0	0.0	17.3	15.5	0.0	1.2	11.9	0.0	18.4		
9	0.0	0.0	7.6	14.3	2.6	0.0	10.7	0.0	0.4	0.2	1.0	73.9		
10	0.0	0.0	20.3	22.9	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0		
11	0.0	0.0	0.0	1.0	0.8	1.3	5.1	0.1	0.2	17.3	0.2	31.0		
12	16.2	0.0	0.0	26.0	0.0	0.2	0.0	0.7	0.0	38.2	0.0	10.0		
13	0.0	0.0	1.2	16.3	0.0	0.6	0.0	0.0	0.0	1.4	33.2	0.3		
14	0.0	0.0	0.0	2.7	1.3	0.0	0.0	0.0	15.7	2.1	0.3	0.3		
15	0.0	0.0	4.6	20.9	11.0	0.0	0.0	0.0	0.1	44.9	4.9	1.0		
16	0.0	0.0	0.0	0.0	5.9	0.0	1.5	0.0	12.1	0.8	0.4	0.4		
17	0.0	0.0	6.8	20.7	14.9	0.1	0.0	0.0	0.5	0.0	13.7	0.0		
18	0.0	8.6	0.0	15.1	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	13.0	0.0	22.1		
20	0.0	0.0	0.0	2.5	9.5	0.0	0.0	3.6	0.1	7.5	0.0	6.7		
21	0.0	0.0	0.2	15.0	24.3	0.0	0.0	0.0	15.1	0.0	10.4	3.7		
22	0.0	0.0	0.0	0.5	20.5	0.0	1.1	0.0	3.6	6.0	0.0	0.0		
23	0.0	0.0	1.6	120.9	73.1	0.0	0.0	0.0	0.6	0.0	1.5	0.0		
24	0.0	0.0	35.5	2.8	17.6	0.0	0.0	0.2	0.4	0.8	5.8	14.9		
25	0.0	0.0	3.7	2.4	0.0	0.6	0.0	0.7	0.0	56.6	18.7	2.7		
26	0.4	0.0	48.7	8.2	1.1	0.0	0.0	0.0	0.0	22.2	0.0	46.2		
27	4.5	0.0	4.2	0.9	1.2	0.0	0.0	2.6	0.0	0.9	2.9	0.0		
28	17.3	0.3	8.5	0.0	21.6	0.5	0.0	3.1	0.0	9.6	56.7	0.0		
29	1.8	0.0	50.0	8.6	1.3	0.0	0.0	0.1	0.0	18.2	21.8	3.9		
30	28.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	3.8	6.2	0.0		
31	25.5	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	1.3	0.0	0.0		
Total D.LI.	148.4 13	48.7 7	249.8 20	357.0 25	353.3 24	149.1 14	36.7 9	13.4 13	77.7 16	314.1 22	242.8 21	352.5 23		
TOTALES ANUALES							2343.5			m.m.		207		D.LI.

DIAS	E R I L L O S O L A R E N H O R A S											
	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	6.7		2.5	6.5	3.3	3.2	4.4	5.3	0.5	3.0		
2	4.4		4.2	4.2	1.5	4.0	5.5	5.9	3.4	2.5		
3	3.4	4.1	2.6	3.3	2.8	0.2	4.2	3.7	1.0	2.7		
4	0.4	5.5	3.6	0.5	0.6	0.0	3.2	3.9	7.2	3.5	3.5	0.0
5	0.8	1.2	3.9	2.5	2.2	2.1	1.3	1.8	6.8	1.1	4.2	0.9
6	3.0	4.3	1.6	0.6	0.2	3.7	8.4	8.8	0.4	5.6	2.0	0.7
7	3.8	1.6	0.6	0.0	0.1	5.0	6.0	5.5	5.8	1.7	4.4	4.9
8	5.2	3.4	1.3	1.6	3.8	0.2	4.3	6.9	3.3	3.2	0.0	1.7
9	5.5	5.7	2.4	0.0	5.9	10.2	0.7	7.4	4.0	5.3	4.9	4.0
10	5.1	4.0	0.0	4.4	6.4	5.8	7.9	7.7	2.0	3.9	2.2	
11	6.1	3.6	3.7	0.4	4.0	0.7	5.7	8.6	2.4	1.4	2.5	
12	0.1	7.8	6.7	0.0	2.4	7.5	8.7	4.6	5.2	2.3	3.7	4.5
13	5.1	0.0	4.4	0.2	6.1	2.6	8.9	8.1	4.6	0.9	5.9	2.3
14	5.6		0.4	0.2	5.3	7.5	6.8	9.6	2.0	0.1	4.2	1.0
15	4.6	7.2	5.8	5.4	2.8	5.7	3.8	5.6	3.5	0.0	1.5	2.5
16	6.8	1.2	6.1	1.1	4.9	4.4	3.8	4.0	3.1	0.9	3.9	5.7
17	4.8	6.9	2.8	3.9	2.9	9.1	3.4	4.4	2.2	8.4	1.9	
18	6.1	2.8	3.9	1.0	0.6	4.8	10.4	2.0	5.5	7.9	3.6	
19	6.8	6.3	4.7	2.2	0.6	6.1	5.6	2.3	4.6	0.1	6.4	4.9
20	6.0	8.0	7.5	3.3	0.7	0.0	8.1	8.0	4.0	3.9	2.3	1.5
21	7.0	1.4	0.8	0.0	5.1	7.4	5.9	4.5	4.5	0.0	2.5	3.7
22	7.0	5.6	7.0	0.4	5.7	7.0	1.5	7.7	3.4	0.0	3.3	3.4
23	6.8	4.7	3.9	3.1	4.2	7.1	2.2	5.2	5.5	0.0	3.2	4.8
24	6.7	3.4	0.8	1.8	3.4	5.6	10.3	1.6	4.6	0.0	4.8	4.9
25	5.9	3.8	0.0	3.2	3.6	8.1	11.2	1.8	8.8	0.0	5.5	5.1
26	2.3	6.6	0.8	0.0	1.0	6.3	10.5	1.1	5.7	2.5	2.7	0.1
27	2.5	6.7	5.2	0.9	1.2	8.0	3.9	4.1	7.6	1.2	4.2	3.3
28	4.5	4.2	4.1	0.4	0.0	1.3	3.3	0.5	1.8	2.1	0.4	4.7
29	3.3	0.0	4.8	3.4	2.9	1.2	4.9	1.2	6.5		3.6	1.6
30	6.6	0.0	6.5	1.5	5.0	5.4	1.4	4.1	2.1	6.3	0.2	0.5
31	5.0	0.0	7.5	0.0	5.6	0.0	1.4	6.3	0.0		0.0	2.2
Total	147.9		110.1	56.0	97.4	144.4	167.6	152.2	122.0			

ESTACION: AGUAS BLANCAS

MUNICIPIO: SAN VICENTE AÑO:

1.983

ALTITUD: 1.200

LATITUD: 6-57 N.

LONGITUD: 73-26 W.

DÍAS	L L U V I A E N M I L I M E T R C S												
	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	8.6	0.0	1.1	0.0	9.0	2.5	0.0	4.9	0.1	0.5	0.0	6.3	
2	0.0	0.0	1.6	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.2	7.0	
3	0.0	0.0	1.0	1.0	1.0	1.0	0.0	11.9	2.5	0.3	4.3	0.0	
4	0.0	0.0	0.0	0.0	4.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	
5	1.1	1.0	0.0	2.1	2.0	0.0	3.4	33.1	13.8	0.6	0.0	10.0	
6	0.0	4.3	7.9	18.3	0.7	0.0	3.6	3.4	2.0	4.5	0.0	0.0	
7	0.0	21.7	1.2	51.8	14.1	0.0	0.0	1.4	0.7	0.1	0.0	0.0	
8	0.0	2.7	0.0	0.0	0.0	0.0	1.4	0.0	2.3	1.0	0.3	0.7	
9	0.0	2.2	6.8	1.4	0.6	0.0	7.9	0.0	0.1	3.6	0.2	0.4	
10	0.0	0.0	1.6	9.6	0.0	0.0	0.0	0.0	4.9	0.0	0.0	2.3	
11	0.0	0.0	12.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	23.8	0.0	0.0	0.0	3.7	0.0	5.0	0.0	0.0	0.0	
13	1.2	0.0	0.0	1.8	2.2	1.1	0.0	0.6	0.0	4.4	0.0	1.7	
14	0.0	0.0	0.0	2.2	13.2	5.6	8.4	0.6	4.4	11.8	0.9	0.0	
15	0.0	0.0	0.0	9.7	0.0	0.0	0.0	6.0	0.0	63.1	0.0	1.0	
16	0.0	0.0	0.0	1.0	34.6	0.4	0.4	0.0	0.0	13.3	0.0	0.0	
17	0.0	0.0	0.0	7.0	15.6	7.5	0.0	20.4	4.9	0.0	0.8	2.2	
18	0.0	0.0	0.0	8.2	26.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	
19	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	13.8	0.0	0.2	
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	10.1	2.8	0.0	0.0	14.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	10.2	1.0	0.0	0.0	
23	0.0	0.0	1.1	0.0	0.2	0.0	11.4	3.7	7.8	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	8.6	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.7	0.0	0.0	2.0	0.0	
26	11.1	0.7	0.5	0.0	0.0	0.0	0.0	0.0	2.4	1.5	0.0	6.1	
27	14.2	0.0	4.4	4.7	5.1	10.5	0.0	13.1	0.0	0.5	0.0	0.0	
28	39.0	1.9	0.0	16.5	0.0	0.0	2.8	12.4	1.1	3.8	0.0	0.0	
29	0.0	0.0	0.0	2.6	6.5	0.0	0.0	0.7	4.1	0.7	0.0	0.0	
30	0.0	0.0	0.0	3.5	0.0	4.4	0.0	0.0	0.4	1.9	0.0	3.0	
31	2.1	0.0	0.0	0.0	0.0	0.0	29.5	0.3	0.0	2.9	0.0	0.0	
Total	207.1	112.9	79.1	180.9	166.7	96.2	95.5	167.4	101.8	117.1	21.7	54.9	
D.LI.	9	11	17	21	21	15	15	17	22	19	8	13	
TOTALES ANUALES							1401.3		m.m.		188		D.LI.

DÍAS	E R I L L O S O L A R E N H O R A S											
	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	3.2	4.7	3.9	2.2	3.3	5.4	6.7	4.4	4.3	6.3	4.5	1.8
2	3.9	5.7	2.6	0.5	3.1	4.8	2.5	1.6	5.0	4.8	1.6	4.8
3	3.1	4.4	1.2	1.9	5.7	4.2	5.2	4.3	4.4	0.1	5.4	1.6
4	4.3	1.6	2.1	2.5	5.7	0.8	6.3	9.6	4.3	1.9	3.4	0.0
5	1.2	1.7	0.5	3.8	8.0	2.6	4.4	4.4	1.8	3.2	4.0	0.2
6	2.1	3.3	1.5	0.3	4.6	2.2	3.1	2.9	0.9	4.7	0.4	0.7
7	3.4	2.4	1.4	0.1	5.9	6.9	7.7	4.6	2.8	6.4	6.6	4.5
8	2.2	5.2	0.0	0.3	5.9	8.6	4.6	3.9	2.0	5.1	3.4	2.4
9	3.0	1.1	1.5	1.9	5.9	7.4	0.4	6.8	5.9	2.3	3.9	1.2
10	3.4	4.4	0.0	3.9	4.9	2.8	9.0	7.5	1.0	6.4	2.5	1.4
11	2.7	1.9	0.4	0.0	7.8	4.5	4.3	8.1	5.0	3.5	0.6	3.3
12	1.6	2.9	0.0	4.3	2.8	8.8	6.5	7.1	2.1	0.7	3.3	1.1
13	2.2	5.7	0.0	3.9	7.5	4.1	10.3	9.1	5.2	1.5	3.7	2.5
14	0.3	3.4	0.0	0.3	0.8	3.0	7.0	5.6	4.1	0.0	0.5	2.1
15	0.9	6.2	2.6	3.5	0.7	7.2	6.4	4.8	5.7	1.0	2.3	2.0
16	3.2	0.0	0.0	1.1	1.1	2.9	2.8	9.7	5.8	0.9	2.4	1.0
17	0.6	0.0	0.0	3.2	0.2	2.2	7.9	2.8	5.5	6.6	3.1	2.4
18	2.6	0.4	2.6	1.2	3.2	6.4	9.9	5.5	6.9	6.7	3.5	3.8
19	3.5	0.0	0.0	4.0	2.3	8.4	7.8	2.3	6.1	3.4	3.6	2.5
20	2.8	0.8	2.5	2.7	4.7	4.9	9.9	4.1	8.3	0.3	3.0	2.2
21	4.8	0.2	2.5	0.4	2.4	4.4	6.8	6.4	5.8	3.1	4.1	0.4
22	4.4	5.3	3.0	3.6	2.9	6.8	2.8	8.0	3.2	2.0	5.0	4.9
23	5.2	2.9	3.9	5.8	4.7	7.7	2.3	5.6	6.5	5.1	4.4	2.1
24	4.7	1.2	1.0	4.3	2.5	8.7	10.7	2.7	4.7	5.5	3.0	1.4
25	4.5	2.2	1.0	5.2	5.0	8.0	10.9	1.6	4.8	2.6	4.2	4.1
26	2.6	4.4	0.2	2.4	2.9	8.3	5.1	6.0	6.1	2.9	1.1	0.2
27	4.1	1.8	5.7	1.6	5.0	6.6	4.8	0.2	6.1	0.8	4.7	2.7
28	3.7	1.8	5.4	3.9	1.7	7.7	6.2	0.7	2.7	3.5	0.0	4.8
29	3.4	0.0	4.7	0.0	3.7	8.0	6.6	0.7	6.5	2.1	0.0	0.8
30	4.1	0.0	0.0	1.6	4.5	5.2	2.7	7.3	6.9	0.1	2.7	1.3
31	1.4	0.0	1.1	0.0	2.8	0.0	4.1	6.3	0.0	1.5	0.0	5.0
Total	93.1	80.6	54.5	70.4	122.2	169.5	185.7	154.6	140.4	95.0	90.9	69.2
TOTAL ANUAL -1326.1												

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

ESTACION: SANTA ANA

MUNICIPIO: PALESTINA

AÑO: 1.983

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	3.1	0.0	36.8	0.0	1.3	1.4	0.0	1.9	0.0	0.0	37.7	0.0	
2	0.4	0.0	19.3	0.5	23.2	0.9	0.0	0.0	0.0	30.8	0.0	11.8	
3	33.6	0.0	1.3	0.0	0.0	43.2	0.0	0.0	0.0	1.8	0.1	29.4	
4	2.0	36.8	0.0	0.0	0.0	28.1	4.1	14.7	0.0	91.4	3.8	1.1	
5	0.7	0.4	0.7	5.2	0.0	0.0	0.0	5.5	0.0	0.0	14.1	4.8	
6	0.2	1.0	0.1	16.8	0.7	0.3	10.4	10.9	0.0	0.0	0.0	20.8	
7	0.0	12.0	0.3	21.5	0.4	7.6	10.1	0.7	0.0	0.0	1.4	0.0	
8	0.0	10.0	28.4	0.2	0.0	3.6	14.1	0.0	2.0	0.4	0.0	0.0	
9	0.0	18.0	0.0	16.2	21.2	0.0	5.5	0.0	0.4	14.8	6.7	2.6	
10	0.0	2.0	2.1	4.3	1.6	4.1	2.7	0.0	0.2	4.4	0.0	1.4	
11	0.0	0.0	0.0	2.6	2.1	3.1	1.7	1.7	0.0	0.0	0.7	8.3	
12	0.0	0.0	0.0	1.3	0.1	0.0	2.9	0.0	0.2	26.0	0.2	0.0	
13	0.0	0.0	33.2	1.0	12.1	0.0	0.0	0.0	38.0	0.0	0.0	0.4	
14	0.0	0.0	1.0	0.0	35.3	0.0	0.0	0.0	0.0	2.7	0.0	0.5	
15	0.0	0.0	0.0	62.5	13.2	0.0	15.0	0.0	0.1	16.3	0.0	4.2	
16	0.0	0.0	0.6	0.4	3.2	1.0	1.0	0.0	16.2	1.1	5.8	1.5	
17	0.0	5.3	4.9	10.8	44.1	2.0	0.0	0.2	28.6	0.0	7.1	3.0	
18	0.0	0.0	0.0	14.1	23.9	0.0	0.0	9.4	0.0	0.8	10.2	8.0	
19	0.0	0.0	0.0	18.8	0.1	0.0	0.2	0.3	0.5	15.6	0.8	3.0	
20	0.0	0.0	0.0	23.4	0.1	0.0	6.8	0.0	0.5	16.4	0.1	0.0	
21	0.0	0.0	0.0	0.4	0.2	0.0	68.1	1.1	4.4	0.0	0.0	0.0	
22	0.0	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	
23	0.0	0.0	11.9	5.4	57.6	0.0	0.3	9.4	0.0	0.3	0.0	0.0	
24	0.0	0.0	8.9	0.0	0.0	0.5	0.0	2.0	0.0	0.0	5.9	0.0	
25	0.0	0.0	16.2	9.6	0.1	0.0	0.0	4.0	0.0	0.2	4.6	0.0	
26	19.2	0.0	31.5	1.4	20.0	11.9	0.0	14.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	25.3	22.0	8.0	1.0	2.0	0.0	8.0	10.3	2.0	
28	1.0	0.0	1.9	1.9	30.0	0.4	0.0	0.0	0.0	25.8	2.9	1.0	
29	0.0	0.0	35.3	8.7	0.0	0.0	0.0	0.0	0.0	11.0	6.7	0.0	
30	2.6	0.0	5.8	2.0	3.3	1.3	0.0	0.0	0.0	7.7	6.2	2.7	
31	0.9	0.0	0.0	0.0	0.0	0.0	8.2	0.0	0.0	2.6	0.0	0.0	
Total D.LI.	63.7	76.8	241.0	254.3	322.5	117.4	146.1	77.8	91.5	278.1	127.3	106.5	
	10	9	20	24	23	16	16	15	11	20	20	18	
TOTALES ANUALES											1903.0 mm.		202
												Días lluvia	

ESTACION: LLANADAS  
ALTITUD: 1.420

MUNICIPIO: MANZANARES  
LATITUD: 5-13 N.

AÑO: 1.983  
LONGITUD: 75-06 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	4.6	0.0	2.4	0.0	13.0	0.0	1.6	0.0	2.0	0.0	0.8	2.1	
2	1.3	0.0	1.2	0.6	5.5	19.2	0.0	0.0	7.2	0.0	0.0	0.0	
3	0.0	0.0	0.0	8.1	3.3	0.0	0.0	0.0	1.6	4.0	1.2	52.0	
4	46.9	2.9	43.2	0.0	6.3	38.9	0.1	2.3	0.0	0.0	0.0	0.0	
5	0.2	0.0	3.7	36.0	46.0	0.2	0.0	0.0	3.3	0.0	0.0	0.0	
6	0.0	3.2	30.0	0.0	0.7	0.0	0.0	9.2	11.0	0.0	3.0	0.0	
7	0.0	0.0	0.0	36.0	0.3	2.6	2.8	1.9	3.2	0.0	26.4	0.0	
8	0.0	8.8	0.0	20.0	0.0	14.3	4.2	0.0	6.4	0.0	1.2	0.0	
9	0.0	1.3	21.0	34.0	0.0	0.0	5.2	0.0	0.0	17.9	48.0	0.0	
10	2.3	0.0	8.0	9.2	0.7	4.0	0.0	0.0	7.3	19.5	14.7	0.0	
11	0.0	5.1	32.0	5.3	0.0	5.7	12.2	7.4	26.0	1.0	0.0	0.0	
12	0.0	0.0	0.0	17.0	0.0	2.2	0.0	0.0	0.0	28.6	0.0	0.0	
13	5.7	0.0	0.0	16.0	0.2	6.3	0.0	0.0	22.5	0.0	0.0	0.0	
14	0.0	0.1	1.0	0.0	20.0	0.0	1.0	0.0	1.6	10.9	0.0	0.0	
15	0.4	0.0	0.0	13.6	2.3	0.0	0.6	0.0	0.4	13.7	0.0	0.0	
16	0.0	0.0	0.0	8.2	0.0	0.0	21.1	0.0	0.0	5.2	0.0	0.0	
17	0.0	0.0	0.5	8.2	30.1	0.0	0.0	0.0	1.2	17.0	27.1	0.0	
18	0.0	0.9	0.0	7.6	0.1	0.0	0.0	0.4	2.6	0.0	1.8	0.0	
19	0.0	0.0	0.0	29.4	50.2	0.0	1.1	0.0	4.4	1.7	0.0	0.0	
20	0.0	0.0	0.0	97.8	43.1	0.0	0.0	0.0	9.0	23.5	0.0	0.0	
21	0.0	7.8	0.0	3.5	6.1	0.0	0.0	1.1	25.4	3.3	0.8	0.0	
22	0.0	0.0	5.0	0.1	3.0	2.4	18.0	0.0	3.1	6.7	0.3	0.0	
23	0.0	0.0	0.0	10.9	4.1	0.7	0.0	68.2	3.1	18.0	7.2	0.0	
24	0.0	0.0	50.0	0.0	0.9	0.0	0.0	25.5	22.9	0.2	1.5	0.0	
25	0.4	0.0	30.0	9.3	0.0	0.0	0.0	0.2	0.5	4.3	4.4	0.0	
26	30.0	0.0	9.4	4.1	0.4	0.0	0.0	0.0	7.6	3.5	0.0	0.0	
27	1.0	0.8	0.0	36.9	1.7	0.0	0.0	19.9	5.5	0.0	0.8	0.0	
28	0.0	0.6	3.9	4.1	93.3	0.0	0.4	18.2	0.0	20.1	10.8	0.0	
29	0.0	0.0	17.2	9.9	0.3	0.0	0.3	0.0	0.7	10.4	4.1	0.0	
30	0.0	0.0	0.0	3.9	0.0	0.0	3.6	0.0	0.0	4.8	1.7	0.0	
31	2.7	0.0	1.4	0.0	0.0	0.0	1.4	0.0	0.0	5.0	0.0	0.0	
Total D.LI.	95.5	31.5	259.9	429.7	338.9	97.2	73.6	154.3	178.5	219.3	155.8	18	
	11	10	17	25	22	12	15	11	24	21	18		
TOTALES ANUALES											mm.		Días lluvia

ESTACION: EL BREMEN

MUNICIPIO: CIRCASIA

AÑO: 1.983

ALTITUD: 2.040

LATITUD: 4-40 N.

LONGITUD: 75-37 W.

L L U V I A E N M I L I M E T R O S													
DIAS	ENERO	FEB.	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCT.	NOV.	DIC.	
1	0.2	8.1	1.2	1.7	0.9	0.4	0.0	0.0	2.0	0.0	0.4	16.6	
2	8.1	3.4	39.2	4.0	1.0	11.6	0.0	0.8	1.6	0.2	5.3	3.8	
3	0.1	4.5	0.2	2.6	0.0	8.0	0.0	0.5	0.0	13.3	8.5	15.9	
4	0.9	13.6	0.0	20.5	10.0	48.5	0.0	23.8	0.0	0.0	9.8	11.9	
5	23.6	7.6	0.0	14.6	8.1	0.7	0.0	0.1	34.5	0.0	14.3	23.9	
6	0.0	37.3	4.6	28.7	2.3	3.7	5.4	0.0	9.1	0.0	1.4	20.5	
7	2.4	8.3	0.0	40.1	1.3	15.1	0.5	0.0	0.0	0.4	0.3	18.6	
8	0.2	14.3	64.8	3.1	2.4	12.1	16.7	0.0	5.1	4.2	0.0	0.3	
9	0.0	1.3	23.1	13.1	41.4	8.3	8.9	0.0	0.0	0.1	1.0	52.6	
10	0.0	0.4	21.3	6.2	0.6	23.6	0.1	0.0	0.0	0.2	5.0	2.9	
11	1.4	0.0	0.0	7.6	0.9	0.0	2.3	0.0	0.0	0.0	45.6	2.3	
12	9.5	0.0	0.0	37.4	2.2	0.6	0.0	0.7	0.0	4.5	1.6	15.1	
13	0.0	0.0	0.7	14.0	0.0	0.8	0.0	0.0	0.0	2.9	40.7	1.8	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	5.8	4.9	
15	0.0	0.0	14.1	7.0	13.6	0.0	0.4	0.0	0.3	44.4	1.9	4.2	
16	21.4	0.0	14.5	0.2	12.4	0.0	1.5	0.0	0.7	4.9	12.0	18.9	
17	0.0	0.0	1.2	18.1	39.2	0.1	0.0	0.0	15.5	0.0	5.3	17.8	
18	2.3	0.3	0.3	4.1	17.9	10.3	0.0	0.0	3.3	1.6	0.0	9.7	
19	0.0	2.1	0.0	0.0	24.8	5.5	0.5	0.0	0.5	8.6	0.6	15.1	
20	0.0	0.0	0.0	0.0	23.5	0.3	0.0	0.0	0.4	10.0	9.0	4.6	
21	0.0	0.0	1.4	5.7	14.6	0.0	0.0	0.0	6.1	0.0	1.3	3.5	
22	0.0	5.4	0.0	0.0	14.6	0.0	0.0	0.0	1.0	2.9	0.0	18.2	
23	0.0	2.4	5.7	52.7	23.1	0.0	0.0	0.0	0.8	68.8	7.2	9.2	
24	0.0	0.6	21.2	0.5	0.0	0.0	0.0	1.8	2.0	14.1	7.6	3.7	
25	1.4	0.1	1.6	0.7	0.0	0.0	0.0	0.0	0.0	11.3	9.3	0.2	
26	0.6	0.0	42.9	25.0	7.9	0.0	0.0	0.0	0.0	3.5	0.4	4.2	
27	3.7	0.0	19.1	4.3	9.8	0.1	0.0	6.2	0.0	35.6	25.6	2.0	
28	3.1	4.2	23.8	2.9	33.2	3.9	0.0	11.4	0.1	21.4	24.3	0.0	
29	0.2	0.0	17.3	11.4	0.9	0.4	1.5	51.6	0.0	23.6	5.6	10.9	
30	49.6	0.0	2.4	1.2	0.1	0.0	3.3	0.0	0.0	8.7	5.0	36.9	
31	15.5	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	3.5	0.0	5.0	
TOTAL	144.2	113.9	320.6	336.2	306.7	154.0	41.5	96.9	83.7	291.4	258.3	353.2	
D. LL	18	17	21	27	25	15	12	9	16	24	27	30	
TOTALES ANUALES							2500.6 m.m.			245			Días Lluvia

ESTACION: PLANTA DE TRATAMIENTO

MUNICIPIO: PEREIRA

AÑO: 1.983

ALTITUD: 1.450

LATITUD: 4-48 N.

LONGITUD: 75-40 W.

L L U V I A E N M I L I M E T R O S												
DIAS	ENERO	FEBRUERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCT.	NOV.	DIC.
1		1.8	0.6	6.7	0.2	3.0	0.9	2.3	14.8	0.0	0.0	3.0
2		0.0	6.0	29.0	9.4	2.6	1.0	1.5	2.6	4.9	0.0	62.2
3		0.0	0.0	8.0	1.9	8.6	0.0	0.3	0.9	1.7	0.2	3.9
4		0.6	0.0	0.0	3.8	20.0	9.2	0.9	0.0	42.9	0.0	6.5
5		22.9	1.4	35.3	0.7	2.7	2.8	23.9	34.0	3.8	24.8	22.5
6		33.6	50.0	10.2	0.8	1.1	0.0	1.4	14.2	0.0	12.0	5.9
7		4.4	1.0	18.4	3.3	5.4	0.0	0.0	0.0	0.0	13.9	0.1
8		2.4	37.8	0.3	0.8	14.4	0.0	1.0	5.4	5.4	0.0	0.0
9		23.1	3.7	12.3	3.9	0.3	0.0	0.0	8.2	2.5	11.9	20.7
10		5.4	18.0	1.3	2.2	14.4	0.0	0.0	20.6	0.0	19.7	11.4
11		0.0	0.0	6.5	45.8	8.0	0.0	1.5	1.3	2.4	0.3	2.6
12		0.2	0.0	31.4	5.4	2.2	0.0	0.8	0.0	21.4	0.0	0.0
13		0.0	0.4	6.2	5.6	0.0	0.0	0.0	6.3	22.0	8.4	0.4
14		0.0	4.4	0.0	2.1	0.0	0.0	0.0	0.2	0.3	0.9	0.0
15		0.0	0.4	21.8	98.1	6.2	0.6	0.0	11.2	2.0	0.5	0.0
16		0.3	0.0	7.7	5.3	4.7	0.0	0.0	1.1	0.0	1.9	2.6
17		0.0	14.4	6.8	19.6	0.2	0.3	0.0	4.8	15.3	21.9	7.5
18		0.7	0.0	64.3	0.8	0.0	0.0	5.5	0.3	1.4	0.0	24.7
19		0.0	0.0	0.0	12.0	0.6	0.0	0.0	0.8	6.3	1.0	17.9
20		0.0	0.0	17.2	11.7	3.3	0.0	0.0	1.2	17.1	37.4	0.0
21		0.0	0.0	4.3	4.6	0.0	0.0	0.0	11.3	0.0	14.0	3.2
22		0.0	0.0	0.0	53.9	4.7	4.0	0.0	0.0	0.0	0.6	0.0
23		3.0	1.2	8.8	0.0	4.1	2.1	3.6	0.0	10.2	0.1	0.0
24		0.0	14.9	0.1	45.0	2.4	0.0	1.7	0.0	0.4	0.0	11.9
25		0.0	12.0	4.2	45.0	0.3	0.0	4.1	13.7	6.1	3.2	0.0
26		0.0	22.0	1.3	25.0	0.0	0.0	0.0	3.8	0.0	4.7	20.3
27		1.8	0.0	26.4	7.5	0.0	0.0	22.7	3.0	4.2	12.2	0.0
28		0.0	1.3	2.1	43.9	0.0	0.0	5.5	0.0	18.7	8.7	0.0
29		0.0	13.0	17.6	2.4	0.0	7.4	24.6	0.0	13.1	13.0	0.0
30		0.0	0.0	2.2	0.5	0.0	2.7	0.3	9.2	24.9	7.7	0.0
31		0.0	0.0	0.0	1.4	0.0	4.3	3.9	0.0	0.0	0.0	2.2
TOTAL		100.2	202.5	350.4	422.4	105.2	35.3	105.5	166.5	227.0	219.0	229.5
D. LL.		13	18	26	25	21	11	18	23	22	23	19
TOTALES ANUALES												

ESTACION: SANTIAGO GUTIERREZ

MUNICIPIO: ARGELIA

AÑO : 1.983

ALTITUD: 1.550

LATITUD: 4-43 N.

LONGITUD: 76-10 W.

		L	L	U	V	I	A	E	N	M	I	L	I	M	E	T	R	G	S		
DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JUNIO	AGOSTO	SEPT.	OCT.	NOV.	DIC.									
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	8.9	
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	0.0	0.0	0.0	0.0	0.0	0.0	10.1	3.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	4.6	
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	0.0	0.0	0.0	0.0	0.0	0.0	11.2	4.8	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	3.2	
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	0.0	0.0	0.0	0.0	0.0	0.0	12.6	1.8	
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	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.5	
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	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	0.0	0.0	0.0	0.0	0.0	0.0	19.0	8.4	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.5	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	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.9	15.9	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	
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	0.0	0.0	0.0	0.0	0.0	0.0	8.0	3.4	
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	14.2	
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	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.8	
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	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	0.0	0.0	0.0	0.0	0.0	0.0	2.7	11.6	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	3.4	9.7	
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	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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	87.8	61.2	72.1	161.6	128.8	85.1	49.1	87.3	85.2	124.1	162.5	117.0									
D. LL	11	7	15	23	22	15	13	10	17	22	21	21									

TOTALES ANUALES 1241.8 m.m. 197 Dias lluvia

ESTACION: LA SELVA

MUNICIPIO: GINEBRA

AÑO : 1.983

ALTITUD: 1.800

LATITUD: 3-40 N.

LONGITUD: 76-18 W.

		L	L	U	V	I	A	E	N	M	I	L	I	M	E	T	R	G	S		
DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JUNIO	AGOSTO	SEPT.	OCT.	NOV.	DIC.									
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.6	
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	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.7	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	26.0	
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	0.0	0.0	0.0	0.0	0.0	0.0	6.2	6.2	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.1	1.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	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	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.8	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.7	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	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.4	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	2.1	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	0.0	0.0	0.0	0.0	0.0	0.0	13.2	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	0.0	0.0	0.0	0.0	0.0	0.0	3.9	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	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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.5	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	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	0.0	0.0	0.0	0.0	0.0	0.0	1.0	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	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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	62.7	45.3	219.0	326.7	140.0	19.6	16.9	4.7	19.3	195.1	122.7	262.6									
D. LL	7	10	19	21	13	7	5	7	9	21	16	22									

TOTALES ANUALES

1434.6 m.m.

157 Dias lluvia

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

ESTACION: LA LCMA MUNICIPIO: VENECIA AÑO: 1.983  
 ALTITUD: 1.250 LATITUD: 5-58 N LONGITUD: 75-44 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1		1.5	2.0	0.0	7.0	2.0	2.0	6.0	6.0	9.0	5.0	3.0
2		0.0	0.0	1.0	7.0	7.0	37.0	0.0	6.0	4.0	16.0	3.0
3		0.0	1.0	0.0	6.0	46.0	2.0	0.0	24.0	11.0	47.0	19.0
4		0.0	2.0	1.0	7.0	11.0	2.0	12.0	0.0	0.0	42.0	6.0
5		1.5	2.0	11.0	0.0	33.0	13.0	10.0	18.5	0.0	2.0	0.0
6		0.0	3.0	34.0	0.0	5.0	5.0	0.0	23.0	5.0	26.0	0.0
7		2.0	3.0	23.0	6.0	36.0	0.0	36.0	5.0	9.5	28.0	3.0
8		0.0	7.0	13.0	31.0	33.0	40.0	5.0	15.0	4.0	3.0	11.0
9		0.0	4.0	14.0	5.0	13.0	2.0	3.0	52.0	34.0	4.0	17.0
10		0.0	0.0	24.0	18.0	5.0	0.0	2.0	0.0	52.0	7.0	15.5
11		0.0	0.0	18.0	0.0	0.5	40.0	4.0	2.0	6.0	5.5	23.0
12		0.0	0.0	31.0	24.0	5.0	15.0	3.0	0.0	24.0	2.0	6.0
13		0.0	0.0	23.0	16.0	0.0	0.0	2.0	28.0	6.0	0.0	4.0
14		1.0	0.0	23.0	22.0	0.0	15.0	0.0	22.0	6.0	7.0	2.0
15		1.5	0.5	33.0	23.0	0.0	0.0	0.0	5.0	15.0	13.0	1.0
16		1.0	0.0	19.0	28.0	0.0	4.0	2.0	0.0	8.0	6.0	8.0
17		2.0	0.0	19.0	5.0	2.0	0.0	0.0	29.0	7.0	29.0	24.0
18		1.5	0.0	37.0	12.0	0.0	0.0	0.0	12.0	3.0	5.0	39.0
19		0.0	0.0	11.0	15.0	5.0	0.0	0.0	50.0	14.0	27.0	28.0
20	0.0	4.5	0.0	57.0	6.0	1.0	0.0	8.0	90.0	26.0	6.0	5.0
21	0.0	0.0	0.0	19.0	11.0	0.5	0.0	2.0	0.0	31.0	35.0	0.0
22	0.0	0.0	0.0	21.0	21.0	0.0	26.0	22.0	0.0	5.0	21.0	6.0
23	0.0	0.0	0.0	35.0	18.0	0.0	13.0	8.0	0.0	0.0	12.0	0.0
24	0.0	0.0	4.0	7.0	4.0	0.0	0.0	32.0	0.0	11.0	8.0	2.0
25	0.0	0.0	4.0	5.0	18.0	2.0	0.0	4.0	0.0	8.0	31.0	21.0
26	0.0	1.0	1.5	2.0	0.0	0.0	0.0	48.0	6.0	8.0	23.0	30.0
27	0.0	0.0	5.0	21.0	7.0	18.0	0.0	33.0	2.0	3.0	6.0	21.0
28	0.0	0.5	0.0	30.0	8.0	16.0	6.0	11.0	2.0	14.0	40.0	0.0
29	2.0	0.0	1.0	0.0	9.0	0.0	3.0	15.0	0.0	25.0	24.0	0.0
30	3.0	0.0	6.0	14.0	20.0	0.0	0.0	36.0	0.0	22.0	27.0	8.0
31	2.0	0.0	0.0	0.0	1.0	0.0	31.0	3.0	0.0	10.0	0.0	0.0
Total		18.0	46.0	546.0	363.0	249.0	273.0	305.0	403.5	382.5	521.5	313.5
D. Ll.		11	15	27	27	21	18	22	20	28	29	24
TOTALES ANUALES											mm.	Días lluvia

ESTACION: EARILOCHE MUNICIPIO: FREDONIA AÑO: 1.983  
 ALTITUD: 1.700 LATITUD: 5-56 N LONGITUD: 75-37 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	1.0	0.0	0.0	6.0	14.0	0.0	3.0	18.0
2	0.0	1.0	10.0	0.0	16.0	11.0	20.0	12.0	0.0	0.0	0.0	5.0
3	0.0	0.0	21.0	0.0	5.0	47.0	0.0	19.0	0.0	17.0	10.0	19.0
4	0.0	0.0	1.0	0.0	0.0	13.0	6.0	22.0	8.0	0.0	5.0	7.0
5	0.0	2.0	0.0	17.0	14.0	0.0	12.0	0.0	9.0	0.0	0.0	5.0
6	0.0	0.0	0.0	0.0	0.0	0.0	10.0	50.0	4.0	0.0	0.0	17.0
7	0.0	0.0	43.0	5.0	0.0	15.0	7.0	0.0	0.0	0.0	0.0	18.0
8	0.0	11.0	5.0	32.0	5.0	48.0	42.0	0.0	21.0	0.0	12.0	39.0
9	0.0	0.0	12.0	7.0	7.0	0.0	14.0	0.0	2.0	25.0	0.0	59.0
10	0.0	0.0	1.0	0.0	0.0	10.0	2.0	0.0	14.0	0.0	7.0	14.0
11	0.0	0.0	0.0	18.0	0.0	0.0	9.0	2.0	19.0	6.0	3.0	0.0
12	0.0	0.0	0.0	23.0	3.0	0.0	2.0	2.0	0.0	13.0	0.0	0.0
13	0.0	0.0	0.0	40.0	42.0	3.0	0.0	0.0	1.0	13.0	12.0	1.0
14	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	3.0	2.0	10.0	0.0
15	0.0	0.0	0.0	40.0	8.0	0.0	0.0	0.0	0.0	11.0	0.0	2.0
16	0.0	0.0	13.0	0.0	3.0	0.0	7.0	2.0	37.0	0.0	10.0	37.0
17	0.0	0.0	5.0	33.0	66.0	0.0	0.0	0.0	42.0	3.0	55.0	0.0
18	0.0	0.0	0.0	79.0	3.0	0.0	0.0	0.0	0.0	5.0	0.0	6.0
19	0.0	0.0	0.0	3.0	30.0	0.0	0.0	0.0	4.0	30.0	0.0	11.0
20	7.0	0.0	0.0	33.0	0.0	0.0	0.0	3.0	28.0	8.0	0.0	5.0
21	0.0	2.0	0.0	23.0	8.0	0.0	0.0	0.0	40.0	29.0	4.0	5.0
22	0.0	0.0	0.0	0.0	0.0	0.0	51.0	0.0	1.0	13.0	8.0	0.0
23	0.0	0.0	0.0	0.0	3.0	0.0	0.0	7.0	0.0	1.0	63.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	15.0
25	0.0	0.0	5.0	5.0	1.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
26	0.0	4.0	7.0	16.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
27	0.0	4.0	0.0	10.0	0.0	0.0	0.0	9.0	0.0	0.0	6.0	2.0
28	0.0	0.0	13.0	18.0	0.0	0.0	0.0	7.0	1.0	57.0	1.0	0.0
29	0.0	0.0	8.0	20.0	0.0	0.0	0.0	12.0	0.0	14.0	41.0	7.0
30	0.0	0.0	0.0	5.0	0.0	0.0	5.0	0.0	0.0	0.0	29.0	2.0
31	0.0	0.0	0.0	0.0	1.0	0.0	44.0	10.0	0.0	0.0	0.0	0.0
Total	7.0	24.0	124.0	416.0	256.0	147.0	227.0	163.0	248.0	256.0	285.0	272.0
D. Ll.	1	6	12	20	15	7	13	14	17	17	19	21
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 ALDEA

MUNICIPIO: DABEIBA

AÑO: 1.983

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	J.0.0	J.0.0	2.0.0	12.0.0	1.0.0	0.0.0	5.0.0	10.0.0	2.0.0	0.0.0	14.0.0	7.0.0
2	J.0.0	J.0.0	1.0.0	J.0.0	3.0.0	10.0.0	16.0.0	12.0.0	10.0.0	6.0.0	3.0.0	1.0.0
3	J.0.0	J.0.0	1.0.0	J.0.0	2.0.0	20.0.0	10.0.0	1.0.0	3.0.0	9.0.0	3.0.0	1.0.0
4	J.0.0	J.0.0	1.0.0	14.0.0	14.0.0	10.0.0	20.0.0	12.0.0	2.0.0	2.0.0	0.0.0	4.0.0
5	J.0.0	J.0.0	1.0.0	J.0.0	J.0.0	1.0.0	3.0.0	9.0.0	36.0.0	0.0.0	0.0.0	0.0.0
6	J.0.0	J.0.0	1.0.0	2.0.0	14.0.0	20.0.0	3.0.0	2.0.0	13.0.0	2.0.0	0.0.0	0.0.0
7	J.0.0	J.0.0	2.0.0	10.0.0	J.0.0	38.0.0	10.0.0	10.0.0	8.0.0	0.0.0	1.0.0	6.0.0
8	J.0.0	J.0.0	2.0.0	J.0.0	J.0.0	24.0.0	1.0.0	0.0.0	0.0.0	12.0.0	4.0.0	10.0.0
9	J.0.0	J.0.0	4.0.0	J.0.0	J.0.0	20.0.0	7.0.0	1.0.0	2.0.0	14.0.0	8.0.0	7.0.0
10	J.0.0	J.0.0	4.0.0	J.0.0	J.0.0	12.0.0	5.0.0	0.0.0	29.0.0	0.0.0	0.0.0	4.0.0
11	J.0.0	J.0.0	6.0.0	J.0.0	J.0.0	14.0.0	0.0.0	0.0.0	6.0.0	3.0.0	4.0.0	0.0.0
12	J.0.0	J.0.0	6.0.0	J.0.0	J.0.0	2.0.0	0.0.0	12.0.0	0.0.0	3.0.0	0.0.0	0.0.0
13	J.0.0	J.0.0	6.0.0	J.0.0	J.0.0	1.0.0	1.0.0	0.0.0	43.0.0	9.0.0	0.0.0	0.0.0
14	J.0.0	J.0.0	6.0.0	4.0.0	1.0.0	1.0.0	1.0.0	9.0.0	1.0.0	4.0.0	7.0.0	0.0.0
15	J.0.0	J.0.0	6.0.0	7.0.0	1.0.0	1.0.0	1.0.0	0.0.0	8.0.0	16.0.0	19.0.0	0.0.0
16	J.0.0	J.0.0	6.0.0	J.0.0	J.0.0	0.0.0	0.0.0	30.0.0	3.0.0	3.0.0	3.0.0	14.0.0
17	J.0.0	J.0.0	6.0.0	2.0.0	1.0.0	0.0.0	4.0.0	5.0.0	19.0.0	0.0.0	5.0.0	0.0.0
18	J.0.0	J.0.0	6.0.0	12.0.0	J.0.0	0.0.0	0.0.0	31.0.0	0.0.0	12.0.0	0.0.0	1.0.0
19	J.0.0	J.0.0	6.0.0	3.0.0	J.0.0	0.0.0	8.0.0	0.0.0	7.0.0	8.0.0	0.0.0	0.0.0
20	J.0.0	J.0.0	6.0.0	1.0.0	14.0.0	0.0.0	0.0.0	0.0.0	18.0.0	4.0.0	25.0.0	1.0.0
21	J.0.0	J.0.0	6.0.0	3.0.0	J.0.0	0.0.0	7.0.0	2.0.0	0.0.0	13.0.0	9.0.0	0.0.0
22	J.0.0	J.0.0	6.0.0	3.0.0	J.0.0	1.0.0	4.0.0	12.0.0	0.0.0	10.0.0	6.0.0	1.0.0
23	J.0.0	J.0.0	6.0.0	12.0.0	J.0.0	0.0.0	2.0.0	13.0.0	4.0.0	0.0.0	0.0.0	4.0.0
24	J.0.0	J.0.0	6.0.0	J.0.0	J.0.0	0.0.0	0.0.0	0.0.0	5.0.0	6.0.0	0.0.0	2.0.0
25	J.0.0	J.0.0	6.0.0	0.0.0	J.0.0	0.0.0	0.0.0	12.0.0	4.0.0	2.0.0	0.0.0	0.0.0
26	J.0.0	J.0.0	6.0.0	12.0.0	J.0.0	4.0.0	0.0.0	0.0.0	0.0.0	3.0.0	1.0.0	0.0.0
27	J.0.0	J.0.0	6.0.0	0.0.0	J.0.0	0.0.0	0.0.0	14.0.0	12.0.0	2.0.0	24.0.0	0.0.0
28	J.0.0	J.0.0	6.0.0	14.0.0	J.0.0	1.0.0	2.0.0	8.0.0	1.0.0	20.0.0	3.0.0	0.0.0
29	J.0.0	J.0.0	6.0.0	11.0.0	J.0.0	1.0.0	27.0.0	18.0.0	0.0.0	1.0.0	3.0.0	0.0.0
30	J.0.0	J.0.0	6.0.0	16.0.0	J.0.0	16.0.0	3.0.0	0.0.0	5.0.0	16.0.0	11.0.0	2.0.0
31	J.0.0	J.0.0	6.0.0	0.0.0	J.0.0	0.0.0	34.0.0	6.0.0	0.0.0	0.0.0	0.0.0	13.0.0
Total D. LL.	5.0 3	25.0 7	137.0 11	170.0 21	215.0 25	197.0 20	207.0 20	236.0 23	241.0 23	180.0 24	153.0 19	78.0 16
TOTALES ANUALES	1844.0 mm.											Días lluvia 212

ESTACION: EL DIAMANTE

MUNICIPIO: AMAGA

AÑO: 1.983

ALTITUD: 1.350

LATITUD: 6-02 N

LONGITUD: 75-42 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1			5.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
2			7.0	0.0	12.0	10.0	20.0	0.0	90.0	40.0	27.0	0.0
3			20.0	0.0	10.0	10.0	0.0	0.0	60.0	15.0	0.0	0.0
4			0.0	0.0	6.0	23.0	46.0	0.0	90.0	16.0	0.0	67.0
5			0.0	25.0	3.0	0.0	42.0	0.0	6.0	10.0	0.0	23.0
6			0.0	0.0	6.0	0.0	10.0	0.0	30.0	4.0	0.0	5.0
7			4.0	43.0	2.0	16.0	0.0	0.0	60.0	9.0	0.0	10.0
8			6.0	14.0	20.0	35.0	20.0	0.0	10.0	46.0	0.0	0.0
9		0.0	6.0	55.0	16.0	10.0	64.0	0.0	20.0	14.0	0.0	35.0
10		0.0	0.0	6.0	0.0	40.0	0.0	0.0	0.0	74.0	0.0	20.0
11		0.0	10.0	0.0	0.0	15.0	0.0	0.0	20.0	30.0	19.0	0.0
12		0.0	0.0	30.0	0.0	0.0	0.0	0.0	40.0	30.0	2.0	0.0
13		0.0	0.0	36.0	12.0	30.0	0.0	10.0	0.0	10.0	0.0	0.0
14		4.0	0.0	10.0	14.0	5.0	0.0	0.0	90.0	0.0	0.0	37.0
15		0.0	5.0	24.0	0.0	0.0	12.0	0.0	10.0	0.0	0.0	0.0
16		0.0	8.0	7.0	0.0	0.0	4.0	0.0	10.0	0.0	0.0	6.0
17		3.0	18.0	12.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	30.0
18		0.0	9.0	28.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
19		6.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	60.0	0.0	0.0
20		0.0	0.0	46.0	12.0	0.0	0.0	36.0	30.0	50.0	0.0	0.0
21		1.0	0.0	20.0	0.0	0.0	0.0	10.0	35.0	0.0	0.0	0.0
22		0.0	0.0	0.0	0.0	0.0	120.0	0.0	24.0	20.0	0.0	0.0
23		0.0	0.0	0.0	28.0	0.6	86.0	12.0	13.0	20.0	0.0	0.0
24		0.0	24.0	1.0	6.0	0.0	8.0	36.0	0.0	40.0	0.0	0.0
25		0.0	26.0	4.0	8.0	0.0	0.0	10.0	0.0	15.0	0.0	0.0
26		4.0	14.0	10.0	0.0	0.6	9.0	0.0	0.0	10.0	10.0	0.0
27		0.0	10.0	10.0	3.0	2.0	10.0	0.0	0.0	20.0	30.0	0.0
28	14.0	6.0	10.0	20.0	2.0	0.0	0.0	30.0	0.0	30.0	8.0	0.0
29	0.0	0.0	10.0	6.0	0.0	0.0	0.0	20.0	0.0	0.0	26.0	0.0
30	0.0	0.0	0.0	4.0	0.0	0.0	20.0	100.0	0.0	0.0	30.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	21.0	80.0	0.0	0.0	0.0	0.0
Total D. LL.		32.0 6	159.0 14	430.0 22	197.0 18	216.0 11	472.0 14	344.0 10	678.0 20	583.0 22	152.0 8	233.0 9
TOTALES ANUALES	mm.											Días lluvia 26

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

ESTACION: GUAYMARAL

MUNICIPIO: AGUADAS

AÑO: 1.983

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	14.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	2.0	4.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	5.0	3.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	27.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	1.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	3.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	15.0	8.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
<b>Total</b>	<b>10.0</b>	<b>41.0</b>	<b>131.0</b>	<b>291.0</b>	<b>124.0</b>	<b>90.0</b>	<b>85.0</b>	<b>77.0</b>	<b>142.0</b>	<b>199.0</b>	<b>157.0</b>	<b>156.0</b>	
<b>D. LL.</b>	<b>1</b>	<b>2</b>	<b>11</b>	<b>22</b>	<b>18</b>	<b>8</b>	<b>11</b>	<b>8</b>	<b>17</b>	<b>16</b>	<b>10</b>	<b>15</b>	
<b>TOTALES ANUALES</b>							<b>1503.0 mm.</b>					<b>137</b>	<b>Dias lluvia</b>

ESTACION: SANTA ELENA  
ALTITUD: 1.400

MUNICIPIO: AGLADAS  
LATITUD: 5-37 N.

AÑO: 1.983  
LONGITUD: 75-33 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	8.0	0.0	1.0	0.0	0.0	0.0	2.0	5.0	5.0	0.0	0.0	0.0	
2	4.0	0.0	5.0	0.0	8.0	1.0	12.0	0.0	0.0	0.0	0.0	0.0	
3	22.0	0.0	0.0	0.0	36.0	3.0	0.0	0.0	0.0	10.0	15.0	10.0	
4	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0	0.0	20.0	
5	0.0	5.0	0.0	0.0	2.0	2.0	3.0	0.0	10.0	10.0	0.0	10.0	
6	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	2.0	2.0	12.0	2.0	10.0	0.0	10.0	0.0	0.0	5.0	
8	0.0	0.0	1.0	15.0	0.0	10.0	15.0	0.0	10.0	0.0	0.0	0.0	
9	1.0	0.0	1.0	0.0	3.0	0.0	0.0	0.0	10.0	10.0	0.0	50.0	
10	2.0	0.0	0.0	4.0	0.0	0.0	23.0	0.0	24.0	0.0	0.0	5.0	
11	0.0	3.0	0.0	1.0	0.0	20.0	0.0	0.0	0.0	15.0	0.0	5.0	
12	0.0	0.0	0.0	62.0	0.0	0.0	0.0	3.0	0.0	20.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	12.0	0.0	20.0	0.0	0.0	22.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	5.0	15.0	0.0	0.0	0.0	10.0	0.0	30.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	15.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	1.0	8.0	0.0	68.0	1.0	0.0	0.0	16.0	0.0	20.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	12.0	15.0	5.0	0.0	7.0	0.0	0.0	
29	12.0	0.0	0.0	0.0	7.0	0.0	0.0	25.0	0.0	40.0	0.0	2.0	
30	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	3.0	10.0	0.0	2.0	
31	2.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	2.0	
<b>Total</b>	<b>52.0</b>	<b>19.0</b>	<b>114.0</b>	<b>289.0</b>	<b>267.0</b>	<b>91.0</b>	<b>193.0</b>	<b>94.0</b>	<b>119.0</b>	<b>351.0</b>	<b>143.0</b>	<b>206.0</b>	
<b>D. LL.</b>	<b>8</b>	<b>5</b>	<b>11</b>	<b>19</b>	<b>17</b>	<b>10</b>	<b>14</b>	<b>10</b>	<b>13</b>	<b>19</b>	<b>13</b>	<b>14</b>	
<b>TOTALES ANUALES</b>							<b>1936.0 mm.</b>					<b>153</b>	<b>Dias lluvia</b>

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

ESTACION: LA CASCADA MUNICIPIO: PACORA AÑO: 1.983  
 ALTITUD: 1.550 LATITUD: 5-31 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
2								0.0	0.0	11.0	2.0	0.0
3								0.0	10.0	7.0	20.0	25.0
4								5.0	10.0	0.0	0.0	0.0
5								0.0	9.0	0.0	0.0	47.0
6								3.0	0.0	0.0	0.0	5.0
7								0.0	0.0	5.0	0.0	0.0
8							18.0	0.0	11.0	0.0	0.0	0.0
9							45.0	0.0	0.0	5.0	0.0	25.0
10							0.0	0.0	0.0	0.0	1.0	4.0
11							8.0	0.0	0.0	4.0	12.0	6.0
12							2.0	0.0	0.0	0.0	0.0	4.0
13							0.0	0.0	0.0	6.0	0.0	4.0
14							0.0	0.0	0.0	5.0	10.0	0.0
15							15.0	0.0	0.0	41.0	20.0	0.0
16							0.0	0.0	10.0	8.0	0.0	6.0
17							12.0	0.0	0.0	0.0	0.0	0.0
18							0.0	0.0	3.0	0.0	0.0	16.0
19							0.0	0.0	0.0	0.0	0.0	25.0
20							0.0	0.0	15.0	2.0	0.0	11.0
21							0.0	13.0	17.0	0.0	0.0	0.0
22							23.0	0.0	0.0	13.0	20.0	0.0
23							0.0	13.0	0.0	0.0	0.0	0.0
24							0.0	14.0	0.0	0.0	12.0	0.0
25							0.0	0.0	0.0	0.0	0.0	0.0
26							0.0	0.0	0.0	12.0	0.0	0.0
27							0.0	9.0	0.0	0.0	0.0	0.0
28							0.0	6.0	0.0	30.0	2.0	0.0
29			0.0				0.0	16.0	0.0	0.0	1.0	4.0
30			0.0			0.0	0.0	0.0	0.0	21.0	46.0	0.0
31			0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	2.0
Total								87.0	85.0	174.0	146.0	184.0
D. LL.								10	8	15	11	14
TOTALES ANUALES										mm.		Días lluvia

ESTACION: EL DESCANSO MUNICIPIO: MARMATO AÑO: 1.983  
 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	12.0	0.0	4.0	0.0	2.0	0.0	0.0	5.0	0.0	9.0	9.0	0.0
2	0.0	0.0	0.0	0.0	0.0	20.0	0.0	6.0	0.0	0.0	0.0	0.0
3	11.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	11.0	36.0	0.0
4	0.0	0.0	0.0	0.0	0.0	13.0	2.0	6.0	4.0	0.0	0.0	0.0
5	0.0	4.0	0.0	0.0	0.0	0.0	1.0	3.0	12.0	0.0	0.0	8.0
6	0.0	28.0	20.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	12.0	12.0	7.0	0.0	8.0	11.0	0.0	0.0	0.0	0.0	9.0
8	0.0	0.0	16.0	12.0	0.0	0.0	13.0	0.0	6.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	11.0	0.0	24.0
10	0.0	0.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	4.0	0.0
11	0.0	0.0	18.0	18.0	22.0	4.0	5.0	1.0	0.0	0.0	0.0	6.0
12	0.0	0.0	0.0	0.0	0.0	0.0	2.0	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	6.0	0.0	10.0	0.0	0.0
14	0.0	0.0	2.0	24.0	7.0	0.0	0.0	0.0	4.0	2.0	11.0	0.0
15	0.0	0.0	0.0	47.0	48.0	0.0	0.0	0.0	0.0	27.0	16.0	0.0
16	0.0	0.0	0.0	0.0	9.0	0.0	20.0	0.0	0.0	9.0	3.0	0.0
17	0.0	0.0	13.0	6.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
18	0.0	0.0	0.0	45.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	54.0
19	0.0	0.0	0.0	30.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	4.0
20	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0
21	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	9.0	12.0	30.0
22	0.0	0.0	3.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	8.0	39.0	0.0	0.0	7.0	30.0	4.0	2.0	0.0
24	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
25	0.0	0.0	3.0	8.0	10.0	3.0	0.0	0.0	0.0	0.0	14.0	0.0
26	22.0	0.0	28.0	7.0	17.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
27	0.0	0.0	0.0	47.0	17.0	0.0	0.0	0.0	3.0	6.0	0.0	0.0
28	0.0	0.0	0.0	2.0	21.0	5.0	0.0	28.0	0.0	38.0	4.0	0.0
29	0.0	0.0	0.0	4.0	0.0	1.0	0.0	0.0	6.0	32.0	0.0	3.0
30	14.0	0.0	0.0	7.0	0.0	0.0	2.0	0.0	0.0	6.0	20.0	6.0
31	2.0	0.0	13.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	11.0
Total	61.0	54.0	133.0	320.0	198.0	85.0	89.0	70.0	83.0	180.0	131.0	159.0
D. LL.	5	3	12	19	12	8	11	9	9	14	11	11
TOTALES ANUALES										1563.0 mm.		Días lluvia

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

ESTACION: LA MANUELITA

MUNICIPIO: RICSUCIO

AÑO: 1.983

ALTITUD: 1.400

LATITUD: 5-22 N.

LONGITUD: 75-41 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT	OCTUBRE	NOV	DIC.
1	2.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	6.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
3	14.0	0.0	0.0	0.0	0.0	15.0	15.0	1.0	0.0	2.0	10.0	0.0
4	1.0	0.0	1.0	0.0	0.0	35.0	0.0	22.0	0.0	0.0	0.0	1.0
5	0.0	0.0	2.0	20.0	0.0	1.0	0.0	0.0	25.0	0.0	0.0	5.0
6	0.0	10.0	3.0	40.0	0.0	0.0	0.0	10.0	1.0	0.0	5.0	0.0
7	0.0	0.0	0.0	0.0	20.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	11.0	0.0	0.0	0.0	7.0	10.0	0.0	2.0	0.0	0.0	0.0
9	0.0	0.0	0.0	10.0	0.0	0.0	11.0	0.0	0.0	7.0	2.0	32.0
10	0.0	0.0	0.0	25.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	7.0
11	0.0	0.0	7.0	30.0	25.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0
12	10.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	55.0	0.0	10.0
13	0.0	0.0	0.0	41.0	0.0	0.0	0.0	0.0	20.0	10.0	0.0	0.0
14	0.0	0.0	0.0	10.0	0.0	0.0	7.0	0.0	0.0	45.0	10.0	0.0
15	0.0	0.0	0.0	30.0	10.0	0.0	5.0	0.0	0.0	20.0	15.0	0.0
16	0.0	0.0	1.0	0.0	11.0	0.0	20.0	0.0	10.0	0.0	0.0	0.0
17	0.0	0.0	1.0	25.0	25.0	0.0	0.0	0.0	2.0	0.0	3.0	4.0
18	0.0	0.0	0.0	8.0	18.0	0.0	0.0	0.0	0.0	0.0	20.0	20.0
19	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
20	0.0	0.0	0.0	25.0	11.0	0.0	0.0	0.0	3.0	61.0	0.0	20.0
21	0.0	0.0	0.0	2.0	3.0	0.0	0.0	0.0	25.0	5.0	5.0	0.0
22	0.0	10.0	5.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	5.0	0.0	0.0	1.0	2.0	0.0	3.0	0.0
24	0.0	0.0	12.0	0.0	2.0	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	7.0	0.0	0.0
26	10.0	0.0	4.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	5.0	40.0
27	0.0	0.0	0.0	30.0	0.0	0.0	0.0	22.0	0.0	0.0	6.0	0.0
28	10.0	0.0	0.0	0.0	20.0	25.0	0.0	15.0	0.0	40.0	4.0	0.0
29	0.0	0.0	0.0	8.0	15.0	3.0	0.0	40.0	2.0	25.0	0.0	0.0
30	4.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	3.0	0.0	6.0	50.0
31	12.0	0.0	7.0	0.0	0.0	0.0	12.0	0.0	0.0	10.0	0.0	10.0
Total D.LL.	69.0	31.0	87.0	358.0	168.0	149.0	19.0	117.0	95.0	307.0	94.0	218.0
	9	3	11	18	13	10	10	8	11	15	13	12
TOTALES ANUALES	1812.0 mm.										153 Dias Huvia	

ESTACION: LA ARGENTINA

MUNICIPIO: RICSUCIO

AÑO: 1.983

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	4.0	2.0	9.0	0.0	0.0	0.0	0.0	6.0	0.0	12.0	0.0	0.0
2	6.0	0.0	3.0	0.0	0.0	0.0	0.0	12.0	0.0	6.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	6.0	0.0	6.0	0.0	5.0	8.0	0.0
4	0.0	0.0	0.0	0.0	0.0	10.0	11.0	1.0	2.0	0.0	0.0	15.0
5	0.0	5.0	33.0	3.0	0.0	0.0	0.0	51.0	31.0	0.0	0.0	0.0
6	0.0	13.0	9.0	8.0	0.0	0.0	0.0	1.0	12.0	0.0	0.0	0.0
7	5.0	9.0	0.0	4.0	18.0	0.0	12.0	0.0	5.0	0.0	0.0	0.0
8	0.0	0.0	0.0	15.0	0.0	1.0	2.0	0.0	7.0	0.0	2.0	5.0
9	0.0	0.0	0.0	14.0	0.0	0.0	4.0	0.0	0.0	2.0	0.0	40.0
10	0.0	1.0	0.0	7.0	0.0	10.0	0.0	0.0	6.0	0.0	10.0	7.0
11	20.0	0.0	11.0	0.0	22.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	6.0	0.0	0.0	2.0	0.0	0.0	70.0	2.0	0.0
13	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	80.0	4.0	31.0	0.0
14	0.0	0.0	0.0	3.0	23.0	0.0	0.0	0.0	6.0	17.0	24.0	0.0
15	0.0	0.0	0.0	0.0	40.0	60.0	0.0	0.0	9.0	21.0	26.0	0.0
16	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	21.0	12.0	0.0	5.0
17	0.0	0.0	1.0	17.0	16.0	0.0	5.0	10.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	20.0	6.0	0.0	0.0	6.0	8.0	2.0	2.0	25.0
19	0.0	0.0	0.0	6.0	3.0	0.0	0.0	0.0	4.0	2.0	0.0	0.0
20	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	6.0	1.0	0.0	35.0
21	0.0	0.0	12.0	0.0	3.0	0.0	0.0	6.0	20.0	0.0	23.0	0.0
22	0.0	26.0	6.0	0.0	2.0	0.0	5.0	0.0	0.0	1.0	0.0	0.0
23	0.0	0.0	5.0	68.0	15.0	0.0	6.0	5.0	16.0	0.0	12.0	0.0
24	0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
25	0.0	0.0	3.0	0.0	41.0	0.0	0.0	3.0	0.0	32.0	0.0	10.0
26	0.0	0.0	48.0	0.0	0.0	0.0	0.0	22.0	0.0	37.0	0.0	20.0
27	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	40.0	21.0	0.0
28	0.0	0.0	8.0	3.0	22.0	5.0	0.0	0.0	0.0	38.0	32.0	0.0
29	0.0	0.0	0.0	24.0	21.0	0.0	0.0	0.0	0.0	19.0	22.0	0.0
30	12.0	0.0	0.0	12.0	0.0	0.0	16.0	0.0	0.0	6.0	44.0	38.0
31	6.0	0.0	11.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	25.0
Total D.LL.	53.0	56.0	160.0	224.0	263.0	122.0	85.0	129.0	233.0	327.0	264.0	225.0
	6	6	14	16	17	7	10	12	15	19	15	11
TOTALES ANUALES	2141.0 mm.										148 Dias Huvia	

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

ESTACION: EL RECREO

MUNICIPIO: PALESTINA

AÑO: 1.983

ALTITUD: 1.450

LATITUD: 5-02 N.

LONGITUD: 75-35 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.0	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	10.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	28.0	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	30.0	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.	228.0	130.0	260.0	516.0	215.0	210.0	120.0	149.0	365.0	240.0	364.0	296.0	
TOTALES ANUALES											3093.0 mm.		Días Iluvia
											13	121	

ESTACION: LA FRANCIA

MUNICIPIO: CHINCHINA

AÑO: 1.983

ALTITUD: 1.360

LATITUD: 4-55 N.

LONGITUD: 75-41 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0		39.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0		0.0	
2	0.0		30.0	0.0	15.0	81.0	0.0	0.0	0.0	35.0		0.0	
3	10.0		0.0	0.0	0.0	72.0	0.0	0.0	0.0	0.0		0.0	
4	0.0		0.0	0.0	0.0	35.0	25.0	28.0	0.0	13.0		0.0	
5	0.0		0.0	19.0	0.0	0.0	0.0	0.0	78.0	0.0		43.0	
6	0.0		7.0	43.0	0.0	7.0	10.0	0.0	7.0	0.0		12.0	
7	11.0		28.0	21.0	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	19.0	0.0	22.0	0.0		0.0	
9	0.0		0.0	0.0	6.0	0.0	15.0	0.0	0.0	25.0		19.0	
10	37.0		0.0	4.0	0.0	85.0	0.0	0.0	0.0	10.0		0.0	
11	0.0		0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
12	2.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
13	0.0		29.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0		0.0	
14	0.0		0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
15	23.0		0.0	0.0	16.0	0.0	0.0	0.0	3.0	49.0		0.0	
16	0.0		0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0		0.0	
17	0.0		0.0	0.0	6.0	0.0	23.0	0.0	0.0	0.0		0.0	
18	0.0		0.0	12.0	3.0	0.0	0.0	0.0	0.0	0.0		78.0	
19	0.0		0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
20	0.0		0.0	18.0	29.0	0.0	0.0	0.0	0.0	10.0		0.0	
21	0.0		0.0	0.0	36.0	0.0	0.0	0.0	25.0	0.0		46.0	
22	0.0		12.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0		0.0	
23	0.0		6.0	0.0	28.0	0.0	0.0	11.0	0.0	0.0		0.0	
24	0.0		23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
25	0.0		25.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
26	25.0		30.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0		0.0	
27	0.0		0.0	21.0	0.0	26.0	0.0	42.0	0.0	0.0		0.0	
28	0.0		0.0	0.0	136.0	0.0	0.0	0.0	15.0	18.0		22.0	
29	0.0		21.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0		9.0	
30	0.0		0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0		0.0	
31	0.0		2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Total D. LL.	108.0		258.0	328.0	326.0	313.0	110.0	81.0	153.0	197.0		229.0	
TOTALES ANUALES											mm.		Días Iluvia
											7	7	

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

ESTACION: LA PASTORITA

MUNICIPIO: LA VICTORIA

AÑO: 1.933

ALTITUD: 1.100

LATITUD: 5-19 N.

LONGITUD: 75-01 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	2.0	0.0	115.0	0.0	75.0	0.0	0.0	0.0	5.0	0.0	0.0	40.0	
2	6.0	0.0	2.0	0.0	0.0	0.0	0.0	1.0	10.0	0.0	30.0	0.0	
3	0.0	18.0	26.0	0.0	28.0	0.0	0.0	20.0	0.0	9.0	0.0	77.0	
4	13.0	0.0	1.0	0.0	0.0	65.0	0.0	0.0	0.0	0.0	5.0	0.0	
5	0.0	0.0	120.0	90.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	35.0	
6	0.0	0.0	90.0	63.0	0.0	0.0	0.0	0.0	10.0	0.0	9.0	0.0	
7	0.0	0.0	11.0	35.0	0.0	27.0	6.0	0.0	5.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	19.0	5.0	
9	0.0	0.0	6.0	9.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
10	35.0	0.0	4.0	0.0	0.0	0.0	0.0	16.0	0.0	17.0	37.0	0.0	
11	2.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	23.0	0.0	
12	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	
13	0.0	40.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	2.0	98.0	0.0	
15	0.0	0.0	0.0	20.0	34.0	0.0	0.0	0.0	0.0	39.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	8.0	53.0	0.0	0.0	
17	5.0	9.0	0.0	67.0	0.0	0.0	0.0	0.0	0.0	125.0	75.0	5.0	
18	0.0	0.0	0.0	82.0	0.0	0.0	1.0	0.0	0.0	24.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	4.0	0.0	40.0	
20	0.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	58.0	0.0	0.0	
21	0.0	79.0	15.0	13.0	60.0	0.0	2.0	19.0	15.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	2.0	4.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	12.0	28.0	30.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	
24	12.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	19.0	43.0	30.0	0.0	
25	0.0	0.0	9.0	8.0	28.0	0.0	0.0	0.0	22.0	36.0	0.0	0.0	
26	0.0	0.0	31.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.0	
27	6.0	0.0	0.0	80.0	23.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	57.0	43.0	42.0	0.0	27.0	0.0	0.0	57.0	5.0	46.0	
29	0.0	0.0	37.0	35.0	3.0	0.0	5.0	0.0	0.0	0.0	45.0	0.0	
30	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	3.0	60.0	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.	81.0	146.0	536.0	628.0	391.0	103.0	137.0	82.0	136.0	475.0	439.0	315.0	
	8	4	15	19	13	3	7	7	10	14	12	9	
TOTALES ANUALES							3465.0 mm.				121		Días lluvia

ESTACION: TESORITO

MUNICIPIO: MANIZALES

AÑO: 1.933

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	0.0	0.0	29.0	0.0	1.0	3.0	1.0	0.0	1.0	3.0	10.0	
2	0.0	0.0	0.0	24.0	5.0	7.0	5.0	0.0	4.0	0.0	0.0	19.0	
3	0.0	0.0	5.0	10.0	1.0	11.0	0.0	2.0	10.0	2.0	7.0	14.0	
4	0.0	0.0	5.0	12.0	6.0	2.0	0.0	5.0	6.0	0.0	14.0	8.0	
5	0.0	0.0	2.0	33.0	0.0	10.0	0.0	0.0	3.0	1.0	0.0	5.0	
6	0.0	2.0	10.0	44.0	0.0	4.0	0.0	2.0	14.0	0.0	0.0	28.0	
7	2.0	0.0	14.0	34.0	3.0	4.0	6.0	0.0	0.0	4.0	0.0	23.0	
8	0.0	1.0	20.0	31.0	2.0	4.0	9.0	1.0	2.0	3.0	0.0	2.0	
9	3.0	0.0	20.0	17.0	0.0	0.0	4.0	0.0	4.0	0.0	0.0	7.0	
10	0.0	0.0	4.0	14.0	9.0	1.0	16.0	1.0	2.0	0.0	5.0	7.0	
11	4.0	4.0	0.0	5.0	0.0	0.0	1.0	1.0	7.0	4.0	6.0	6.0	
12	0.0	1.0	12.0	13.0	2.0	2.0	0.0	0.0	0.0	3.0	5.0	12.0	
13	0.0	1.0	0.0	1.0	11.0	3.0	0.0	0.0	0.0	3.0	3.0	8.0	
14	0.0	0.0	0.0	15.0	8.0	0.0	4.0	1.0	3.0	13.0	12.0	2.0	
15	0.0	3.0	7.0	6.0	7.0	1.0	1.0	2.0	0.0	7.0	7.0	13.0	
16	0.0	0.0	2.0	10.0	6.0	0.0	0.0	0.0	4.0	12.0	0.0	9.0	
17	0.0	0.0	18.0	22.0	4.0	14.0	0.0	0.0	0.0	0.0	1.0	13.0	
18	0.0	0.0	13.0	80.0	0.0	0.0	1.0	0.0	5.0	10.0	0.0	11.0	
19	0.0	0.0	4.0	17.0	15.0	4.0	2.0	1.0	1.0	2.0	0.0	15.0	
20	0.0	12.0	19.0	7.0	11.0	12.0	0.0	0.0	7.0	0.0	25.0	6.0	
21	0.0	6.0	0.0	8.0	9.0	3.0	0.0	0.0	6.0	0.0	2.0	3.0	
22	0.0	4.0	0.0	13.0	14.0	3.0	0.0	0.0	0.0	0.0	11.0	9.0	
23	0.0	0.0	20.0	0.0	17.0	2.0	0.0	0.0	5.0	8.0	0.0	6.0	
24	0.0	2.0	18.0	0.0	17.0	0.0	26.0	2.0	4.0	3.0	10.0	7.0	
25	0.0	0.0	8.0	6.0	8.0	0.0	2.0	0.0	1.0	20.0	12.0	12.0	
26	0.0	0.0	3.0	0.0	5.0	0.0	1.0	3.0	2.0	6.0	3.0	17.0	
27	0.0	0.0	10.0	0.0	0.0	13.0	3.0	2.0	0.0	5.0	5.0	0.0	
28	0.0	0.0	20.0	3.0	3.0	2.0	0.0	0.0	1.0	11.0	12.0	0.0	
29	0.0	0.0	28.0	1.0	14.0	11.0	2.0	0.0	0.0	6.0	5.0	7.0	
30	6.0	0.0	15.0	2.0	10.0	4.0	2.0	0.0	0.0	8.0	20.0	11.0	
31	7.0	0.0	0.0	0.0	0.0	0.0	3.0	2.0	0.0	0.0	0.0	12.0	
Total D. LL.	22.0	36.0	277.0	458.0	177.0	118.0	91.0	29.0	91.0	132.0	168.0	302.0	
	5	10	23	26	23	22	18	15	20	21	20	29	
TOTALES ANUALES							1901.0 mm.				232		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 : 1.983

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	0.0	8.0	0.0	4.0	2.0	0.0	12.0	0.0	3.0	6.0	0.0
2	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0	7.0	27.0
3	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	63.0
4	0.0	0.0	0.0	0.0	0.0	7.0	0.0	46.0	0.0	55.0	0.0	28.0
5	0.0	4.0	0.0	0.0	0.0	2.0	0.0	7.0	21.0	0.0	3.0	12.0
6	3.0	0.0	2.0	9.0	0.0	7.0	0.0	24.0	17.0	0.0	7.0	0.0
7	0.0	0.0	48.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	11.0
8	0.0	0.0	0.0	21.0	0.0	15.0	2.0	0.0	3.0	7.0	0.0	7.0
9	15.0	6.0	0.0	55.0	0.0	2.0	4.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	3.0	11.0	0.0	6.0	11.0	0.0	0.0	0.0	7.0	15.0
11	0.0	0.0	0.0	0.0	0.0	7.0	15.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	10.0	2.0	0.0	0.0	0.0	0.0	26.0	0.0	8.0
13	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	2.0
14	10.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	17.0	13.0	7.0
15	0.0	0.0	0.0	0.0	18.0	0.0	22.0	0.0	3.0	46.0	0.0	0.0
16	0.0	0.0	0.0	55.0	3.0	62.0	5.0	0.0	2.0	0.0	3.0	22.0
17	0.0	0.0	3.0	13.0	15.0	4.0	0.0	0.0	2.0	0.0	0.0	0.0
18	0.0	0.0	0.0	61.0	11.0	0.0	0.0	2.0	0.0	8.0	7.0	0.0
19	0.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	31.0	31.0	0.0	70.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	26.0	0.0	0.0
21	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	3.0	18.0	0.0	11.0	0.0	7.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	3.0
24	0.0	0.0	35.0	50.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	0.0
25	20.0	0.0	0.0	4.0	0.0	0.0	0.0	18.0	0.0	8.0	4.0	0.0
26	0.0	0.0	66.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0
27	0.0	3.0	0.0	59.0	21.0	0.0	0.0	15.0	0.0	0.0	9.0	0.0
28	74.0	0.0	2.0	0.0	31.0	0.0	0.0	0.0	0.0	20.0	31.0	11.0
29	0.0	0.0	29.0	16.0	0.0	0.0	0.0	2.0	0.0	20.0	0.0	3.0
30	0.0	0.0	0.0	40.0	0.0	0.0	0.0	6.0	0.0	4.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	12.0
Total	122.0	58.0	196.0	457.0	129.0	142.0	80.0	155.0	101.0	283.0	110.0	305.0
D. Ll.	5	3	9	19	10	14	8	10	10	15	14	17
TOTALES ANUALES							2136.0 m.m.			134		Dias lluvia

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

ESTACION : LLANADAS

MUNICIPIO : LA MERCED

AÑO : 1.983

ALTITUD : 1.600

LATITUD : 5-23 N.

LONGITUD : 75-33 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	10.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	4.0	9.0	0.0
2	30.0	3.0	16.0	0.0	9.0	18.0	0.0	0.0	14.0	0.0	10.0	0.0
3	22.0	0.0	0.0	18.0	2.0	4.0	0.0	0.0	0.0	0.0	0.0	8.0
4	0.0	0.0	11.0	0.0	7.0	10.0	3.0	0.0	0.0	2.0	0.0	22.0
5	0.0	10.0	6.0	2.0	5.0	0.0	0.0	8.0	15.0	0.0	0.0	3.0
6	0.0	25.0	20.0	20.0	0.0	0.0	0.0	0.0	2.0	5.0	0.0	2.0
7	0.0	2.0	5.0	5.0	0.0	4.0	10.0	0.0	0.0	0.0	0.0	9.0
8	0.0	0.0	6.0	23.0	0.0	5.0	9.0	0.0	24.0	6.0	6.0	0.0
9	0.0	0.0	0.0	4.0	3.0	0.0	10.0	0.0	0.0	0.0	0.0	70.0
10	0.0	0.0	0.0	3.0	0.0	21.0	0.0	0.0	0.0	0.0	14.0	0.0
11	0.0	0.0	0.0	8.0	2.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0
12	8.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	2.0	4.0	0.0
13	0.0	0.0	0.0	4.0	6.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
14	0.0	0.0	4.0	0.0	10.0	0.0	10.0	0.0	0.0	4.0	4.0	0.0
15	0.0	0.0	0.0	46.0	20.0	0.0	0.0	0.0	10.0	50.0	50.0	0.0
16	0.0	0.0	9.0	4.0	18.0	0.0	7.0	0.0	6.0	5.0	5.0	15.0
17	0.0	0.0	0.0	17.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
18	0.0	0.0	0.0	31.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
19	0.0	0.0	0.0	4.0	3.0	0.0	0.0	0.0	3.0	10.0	10.0	23.0
20	0.0	0.0	0.0	34.0	31.0	0.0	0.0	0.0	19.0	4.0	4.0	0.0
21	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	6.0	0.0	0.0	0.0	29.0	0.0	0.0	15.0	15.0	0.0
23	0.0	0.0	5.0	2.0	6.0	0.0	2.0	6.0	0.0	0.0	3.0	0.0
24	0.0	0.0	4.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	6.0	0.0	15.0	7.0	10.0	0.0	0.0	0.0	0.0	6.0	6.0	0.0
26	0.0	0.0	52.0	10.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	49.0	4.0	0.0	0.0	4.0	3.0	0.0	0.0	0.0
28	0.0	0.0	4.0	2.0	14.0	9.0	0.0	2.0	4.0	0.0	36.0	0.0
29	0.0	0.0	0.0	7.0	18.0	0.0	0.0	7.0	0.0	38.0	3.0	5.0
30	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	2.0	0.0	6.0	6.0
31	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0
Total	76.0	37.0	180.0	350.0	194.0	83.0	93.0	29.0	104.0	151.0	187.0	193.0
D. Ll.	5	3	15	24	21	6	9	6	12	13	17	12
TOTALES ANUALES							1677.0 m.m.			145		Dias lluvia

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

ESTACION: JAVA

MUNICIPIO: MANIZALES

AÑO: 1.983

ALTITUD: 1.760

LATITUD: 5.02 N.

LONGITUD: 75-33 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	13.0	0.0	4.0	0.0	0.0	1.0	12.0	0.0	6.0	0.0	
2	30.0	0.0	0.0	0.0	0.0	15.0	3.0	0.0	27.0	6.0	1.0	0.0	
3	0.0	0.0	3.0	0.0	0.0	70.0	0.0	8.0	0.0	3.0	59.0	43.0	
4	3.0	8.0	0.0	0.0	0.0	5.0	4.0	3.0	24.0	3.0	0.0	12.0	
5	0.0	0.0	0.0	0.0	0.0	2.0	0.0	30.0	15.0	0.0	0.0	4.0	
6	0.0	0.0	19.0	3.0	0.0	0.0	0.0	18.0	2.0	0.0	0.0	6.0	
7	0.0	0.0	20.0	8.0	0.0	17.0	2.0	24.0	0.0	0.0	0.0	9.0	
8	0.0	40.0	16.0	2.0	0.0	5.0	10.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	30.0	9.0	16.0	0.0	0.0	15.0	0.0	0.0	14.0	2.0	9.0	
10	0.0	0.0	6.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	5.0	0.0	
11	0.0	0.0	0.0	9.0	4.0	11.0	2.0	0.0	0.0	2.0	0.0	0.0	
12	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	6.0	
13	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
14	0.0	0.0	2.0	8.0	3.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	
15	0.0	0.0	0.0	49.0	9.0	6.0	0.0	0.0	4.0	55.0	0.0	4.0	
16	0.0	0.0	0.0	4.0	3.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	21.0	15.0	7.0	65.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	
18	0.0	0.0	0.0	16.0	8.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	18.0	0.0	0.0	
20	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	3.0	18.0	0.0	0.0	
21	0.0	0.0	0.0	5.0	26.0	0.0	9.0	0.0	6.0	0.0	11.0	0.0	
22	0.0	0.0	0.0	0.0	18.0	0.0	32.0	12.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	27.0	0.0	9.0	1.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	17.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	13.0	34.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	0.0	
26	22.0	0.0	65.0	8.0	8.0	0.0	0.0	0.0	0.0	2.0	6.0	3.0	
27	0.0	0.0	0.0	15.0	3.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	
28	1.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	8.0	6.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	13.0	10.0	
30	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	1.0	
31	3.0	0.0	12.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	
Total D. Ll.	81.0 6	59.0 4	210.0 13	240.0 18	196.0 13	131.0 8	94.0 11	95.0 8	96.0 10	187.0 15	162.0 13	121.0 12	
TOTALES ANUALES							1712.0 mm.			131			Días lluvia

ESTACION: LA TRILLADORA

MUNICIPIO: MANIZALES

AÑO: 1.983

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	20.0	0.0	0.0	12.0				
2	10.0	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	4.0	0.0				
4	11.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0				
5	0.0	30.0	0.0	0.0	0.0	0.0	0.0	25.0				
6	0.0	53.0	12.0	0.0	0.0	0.0	0.0	0.0				
7	0.0	0.0	10.0	10.0	10.0	12.0	0.0	0.0				
8	0.0	0.0	24.0	40.0	0.0	4.0	2.0	0.0				
9	0.0	6.0	0.0	60.0	0.0	0.0	0.0	0.0				
10	0.0	0.0	6.0	50.0	0.0	32.0	0.0	0.0				
11	0.0	0.0	0.0	2.0	3.0	0.0	0.0	2.0				
12	60.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0				
13	0.0	0.0	0.0	5.0	6.0	0.0	0.0	0.0				
14	0.0	0.0	0.0	0.0	2.0	0.0	10.0	0.0				
15	10.0	0.0	0.0	50.0	10.0	0.0	0.0	0.0				
16	0.0	0.0	5.0	0.0	20.0	0.0	0.0	0.0				
17	0.0	0.0	2.0	10.0	50.0	0.0	0.0	0.0				
18	0.0	0.0	0.0	40.0	15.0	0.0	0.0	0.0				
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
20	0.0	0.0	0.0	11.0	0.0	0.0	0.0	10.0				
21	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0				
22	0.0	0.0	0.0	0.0	0.0	2.0	4.0	0.0				
23	0.0	0.0	12.0	4.0	12.0	0.0	0.0	0.0				
24	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0				
25	0.0	0.0	65.0	0.0	0.0	0.0	0.0	0.0				
26	30.0	0.0	74.0	5.0	5.0	0.0	0.0	0.0				
27	0.0	0.0	0.0	20.0	6.0	0.0	0.0	20.0				
28	2.0	0.0	6.0	0.0	30.0	0.0	0.0	5.0				
29	0.0	0.0	0.0	23.0	0.0	0.0	0.0	2.0				
30	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0				
31	15.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0				
Total D. Ll.	138.0 7	89.0 3	236.0 11	345.0 17	177.0 11	54.0 5	31.0 4	108.0 8				
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 TRINIDAD MUNICIPIO: PIENDANG AÑO: 1.983  
 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	8.0	6.0	0.0	0.0	0.0	5.0	0.0	2.0	15.0	0.0	6.0	9.0
2	2.0	17.0	25.0	0.0	7.0	11.0	0.0	0.0	5.0	0.0	2.0	12.0
3	26.0	0.0	21.0	0.0	15.0	9.0	9.0	0.0	0.0	3.0	0.0	58.0
4	4.0	41.0	2.0	2.0	21.0	18.0	0.0	0.0	0.0	0.0	20.0	32.0
5	2.0	27.0	0.0	38.0	35.0	2.0	0.0	0.0	0.0	0.0	6.0	18.0
6	0.0	18.0	15.0	11.0	6.0	0.0	0.0	4.0	21.0	0.0	41.0	22.0
7	0.0	31.0	33.0	0.0	4.0	4.0	0.0	0.0	12.0	0.0	24.0	46.0
8	0.0	28.0	7.0	12.0	63.0	21.0	0.0	0.0	0.0	0.0	0.0	16.0
9	0.0	0.0	6.0	20.0	18.0	0.0	0.0	0.0	16.0	0.0	36.0	9.0
10	16.0	1.0	8.0	15.0	5.0	0.0	0.0	0.0	4.0	12.0	6.0	0.0
11	0.0	0.0	4.0	10.0	16.0	16.0	0.0	0.0	0.0	10.0	2.0	6.0
12	0.0	0.0	0.0	21.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	19.0
13	0.0	0.0	3.0	41.0	5.0	7.0	0.0	0.0	0.0	41.0	37.0	12.0
14	1.0	2.0	2.0	12.0	26.0	1.0	0.0	0.0	19.0	20.0	7.0	0.0
15	2.0	4.0	1.0	21.0	31.0	3.0	0.0	0.0	0.0	6.0	14.0	42.0
16	0.0	0.0	0.0	0.0	11.0	0.0	16.0	0.0	13.0	4.0	12.0	27.0
17	0.0	0.0	40.0	23.0	0.0	8.0	6.0	0.0	0.0	1.0	0.0	0.0
18	0.0	0.0	0.0	18.0	0.0	0.0	4.0	0.0	0.0	0.0	26.0	0.0
19	0.0	0.0	0.0	28.0	25.0	0.0	0.0	0.0	0.0	12.0	8.0	0.0
20	0.0	0.0	0.0	20.0	10.0	6.0	0.0	0.0	0.0	2.0	4.0	18.0
21	0.0	0.0	0.0	6.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
22	0.0	0.0	0.0	9.0	9.0	5.0	0.0	0.0	0.0	21.0	27.0	25.0
23	0.0	12.0	31.0	21.0	3.0	2.0	0.0	25.0	0.0	6.0	0.0	0.0
24	0.0	6.0	54.0	12.0	19.0	0.0	0.0	4.0	0.0	1.0	33.0	0.0
25	2.0	0.0	94.0	17.0	42.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
26	31.0	0.0	31.0	4.0	32.0	2.0	0.0	0.0	0.0	0.0	21.0	4.0
27	16.0	0.0	0.0	0.0	7.0	5.0	0.0	0.0	0.0	0.0	17.0	0.0
28	11.0	0.0	4.0	8.0	12.0	0.0	9.0	0.0	0.0	0.0	22.0	0.0
29	9.0	0.0	16.0	27.0	37.0	11.0	26.0	10.0	0.0	7.0	7.0	5.0
30	14.0	0.0	0.0	0.0	6.0	12.0	0.0	0.0	0.0	0.0	3.0	41.0
31	0.0	0.0	0.0	0.0	13.0	0.0	7.0	0.0	0.0	0.0	0.0	23.0
Total	144.0	193.0	397.0	356.0	496.0	152.0	68.0	50.0	105.0	166.0	381.0	486.0
D. LL.	14	12	19	23	27	19	6	6	8	15	23	22
TOTALES ANUALES											3036.0 mm.	194
											Días	Iluvia

ESTACION: PORTACHUELO MUNICIPIO: ROSAS AÑO: 1.983  
 ALTITUD: 1.750 LATITUD: 2-15 N. LONGITUD: 76-43 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	5.0
2	45.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	20.0
3	0.0	0.0	46.0	0.0	13.0	1.0	0.0	0.0	0.0	0.0	0.0	91.0
4	0.0	48.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	8.0
5	0.0	31.0	4.5	18.0	35.0	2.5	0.0	0.0	24.0	0.0	0.0	21.0
6	0.0	26.0	5.5	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
7	0.0	0.0	0.0	29.0	2.0	1.0	0.0	0.0	4.0	0.0	15.0	0.0
8	0.0	46.0	26.0	0.0	0.0	2.0	0.0	0.0	0.0	4.5	41.0	18.0
9	0.0	16.0	4.5	42.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	11.0
10	0.0	7.0	7.5	16.0	0.0	0.0	0.0	0.0	0.0	18.0	11.0	0.0
11	0.0	0.0	0.0	10.0	0.0	6.0	0.0	0.0	2.0	0.0	0.0	29.0
12	0.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	40.0
13	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	21.5	19.0
14	0.0	0.0	9.0	3.0	1.0	0.0	0.0	0.0	0.0	62.0	36.0	5.0
15	0.0	0.0	0.0	2.0	26.0	0.0	0.0	0.0	0.0	59.0	0.0	10.0
16	0.0	0.0	0.0	3.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	18.0	7.0	0.0	0.0	0.0	0.0	2.0	8.0	11.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
19	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	7.0	2.0
20	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	26.0	2.0	30.0
21	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	38.0	0.0	6.0
22	0.0	0.0	0.0	48.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0
24	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
25	0.0	0.0	11.0	1.0	14.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0
26	16.0	0.0	45.0	0.0	13.0	0.0	0.0	0.0	0.0	19.0	8.0	26.0
27	0.0	0.0	26.0	0.0	40.0	0.0	0.0	0.0	0.0	57.0	26.0	0.0
28	66.0	0.0	51.0	3.0	8.0	0.0	0.0	49.0	0.0	3.0	71.0	17.0
29	7.0	0.0	0.0	22.0	0.0	0.0	0.0	1.0	0.0	16.0	0.0	62.0
30	0.0	0.0	35.0	72.0	0.0	0.0	0.0	0.0	0.0	42.0	55.0	26.0
31	6.0	0.0	0.0	0.0	1.0	0.0	0.0	2.0	0.0	6.0	0.0	11.0
Total	140.0	174.0	291.0	364.0	211.0	22.0	0.0	52.0	30.0	406.0	370.0	444.0
D. LL.	5	6	13	20	15	6	0	3	3	17	15	20
TOTALES ANUALES											2504.0 mm.	123
											Días	Iluvia

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

ESTACION: PINAR DEL RIO

MUNICIPIO: SILVANIA

AÑO: 1.983

ALTITUD: 1.750

LATITUD: 4-22 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	6.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	3.0	
2	19.0	0.0	0.0	0.0	4.0	7.0	0.0	2.0	0.0	18.0	4.0	0.0	
3	4.0	0.0	4.0	0.0	0.0	0.0	7.0	0.0	0.0	2.0	0.0	0.0	
4	97.0	1.0	0.0	0.0	14.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	
5	2.0	11.0	0.0	7.0	0.0	3.0	0.0	8.0	0.0	0.0	0.0	0.0	
6	0.0	51.0	0.0	3.0	12.0	0.0	0.0	10.0	0.0	0.0	2.0	1.0	
7	0.0	0.0	0.0	6.0	0.0	0.0	1.0	0.0	17.0	0.0	0.0	0.0	
8	0.0	0.0	3.0	20.0	0.0	0.0	12.0	0.0	0.0	0.0	67.0	27.0	
9	0.0	0.0	0.0	44.0	0.0	0.0	5.0	0.0	0.0	2.0	5.0	10.0	
10	0.0	10.0	52.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	
11	0.0	0.0	0.0	4.0	5.0	0.0	1.0	2.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	7.0	4.0	5.0	0.0	0.0	0.0	0.0	7.0	3.0	
13	0.0	0.0	0.0	2.0	15.0	5.0	0.0	0.0	0.0	0.0	8.0	0.0	
14	0.0	0.0	8.0	10.0	0.0	0.0	6.0	0.0	0.0	20.0	0.0	2.0	
15	0.0	0.0	0.0	10.0	7.0	0.0	0.0	0.0	3.0	36.0	0.0	0.0	
16	0.0	0.0	0.0	35.0	14.0	2.0	0.0	9.0	0.0	0.0	0.0	10.0	
17	0.0	0.0	0.0	70.0	65.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	
18	0.0	2.0	0.0	2.0	5.0	0.0	3.0	0.0	0.0	7.0	9.0	11.0	
19	0.0	0.0	0.0	0.0	10.0	0.0	2.0	0.0	0.0	14.0	0.0	0.0	
20	0.0	7.0	0.0	9.0	0.0	1.0	0.0	0.0	2.0	0.0	24.0	0.0	
21	0.0	0.0	0.0	0.0	5.0	0.0	0.0	3.0	10.0	0.0	3.0	39.0	
22	0.0	2.0	0.0	0.0	6.0	2.0	3.0	0.0	0.0	0.0	0.0	9.0	
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	10.0	0.0	7.0	0.0	0.0	0.0	0.0	7.0	0.0	15.0	
25	0.0	1.0	5.0	9.0	14.0	0.0	0.0	0.0	0.0	20.0	22.0	3.0	
26	0.0	0.0	4.0	0.0	20.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	
27	8.0	0.0	0.0	10.0	2.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	23.0	0.0	32.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	8.0	0.0	0.0	30.0	0.0	0.0	3.0	0.0	2.0	0.0	21.0	0.0	
30	0.0	0.0	0.0	43.0	0.0	0.0	28.0	0.0	0.0	24.0	0.0	18.0	
31	7.0	0.0	0.0	0.0	8.0	0.0	1.0	0.0	0.0	0.0	0.0	5.0	
Total D. Ll.	168.0	85.0	131.0	342.0	232.0	30.0	66.0	40.0	34.0	217.0	237.0	162.0	
	8	8	9	20	19	8	11	8	5	12	14	16	
TOTALES ANUALES							174.0 mm.			138			Dias lluvia

ESTACION: INSTITUTO TECNICO

MUNICIPIO: SANTANDER

AÑO: 1.983

ALTITUD: 1.112

LATITUD: 3-01 N.

LONGITUD: 76-25 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	
2	1.0	0.0	13.0	0.0	4.0	0.0	0.0	0.0	0.0	21.0	2.0	27.0	
3	0.0	2.0	0.0	0.0	13.0	7.0	0.0	0.0	0.0	0.0	2.0	28.0	
4	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	8.0	
5	2.0	0.0	45.0	21.0	0.0	1.0	4.0	0.0	7.0	0.0	0.0	72.0	
6	0.0	0.0	0.0	75.0	0.0	0.0	1.0	0.0	14.0	0.0	6.0	2.0	
7	0.0	0.0	16.0	24.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0	28.0	
8	0.0	0.0	0.0	7.0	0.0	8.0	3.0	0.0	0.0	25.0	14.0	0.0	
9	0.0	8.0	12.0	3.0	0.0	0.0	0.0	0.0	0.0	6.0	16.0	2.0	
10	3.0	54.0	4.0	15.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	24.0	
11	0.0	0.0	3.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	
12	0.0	0.0	0.0	34.0	0.0	5.0	0.0	0.0	0.0	17.0	0.0	26.0	
13	0.0	0.0	0.0	14.0	0.0	6.0	0.0	0.0	0.0	18.0	0.0	1.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	3.0	3.0	
15	0.0	0.0	0.0	6.0	4.0	0.0	0.0	0.0	0.0	15.0	0.0	2.0	
16	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	
17	0.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	9.0	
18	5.0	1.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	42.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	
20	0.0	0.0	0.0	17.0	1.0	0.0	0.0	0.0	0.0	24.0	11.0	0.0	
21	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
22	0.0	0.0	0.0	0.0	3.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	64.0	0.0	0.0	0.0	0.0	0.0	44.0	0.0	
24	0.0	0.0	4.0	0.0	15.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
25	0.0	0.0	9.0	1.0	21.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
26	42.0	0.0	46.0	8.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	
27	0.0	4.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	15.0	4.0	17.0	
28	9.0	0.0	2.0	14.0	48.0	0.0	0.0	2.0	0.0	10.0	1.0	2.0	
29	0.0	0.0	0.0	16.0	0.0	0.0	0.0	6.0	0.0	25.0	33.0	15.0	
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	24.0	
31	9.0	0.0	2.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
Total D. Ll.	71.0	70.0	164.0	326.0	265.0	40.0	43.0	8.0	21.0	337.0	149.0	311.0	
	7	6	13	17	14	7	5	2	2	19	13	20	
TOTALES ANUALES							1805.0 mm.			125			Dias lluvia

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

ESTACION: EL PCRVENIR

MUNICIPIO: MESITAS COLEGIADO

1.983

ALTITUD: 1.350

LATITUD: 4-33 N.

LONGITUD: 74-15 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT	OCTUBRE	NOV	DIC	
1	0.0	0.0	5.9	1.8	7.8	0.6	0.0	0.0	0.0	0.0	0.7	0.1	
2	18.0	0.0	0.0	0.0	0.0	2.2	0.0	4.1	0.0	0.0	39.0	0.0	
3	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	3.8	7.0	
4	12.6	0.0	0.0	0.0	0.0	1.0	0.6	7.6	0.0	0.0	0.0	20.0	
5	0.7	0.0	0.0	4.1	1.6	0.0	0.0	0.0	3.9	0.0	0.0	0.0	
6	0.0	22.2	21.5	3.2	3.4	1.2	0.0	4.4	1.7	0.0	0.0	11.0	
7	0.0	1.2	0.0	25.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	
8	0.0	16.4	30.0	8.5	0.0	0.0	6.9	0.0	0.0	0.0	28.7	12.3	
9	0.0	0.0	14.5	42.5	0.0	0.0	7.7	0.0	0.7	0.1	57.0	4.3	
10	0.0	3.8	28.8	2.6	4.9	0.0	0.0	0.0	0.0	8.5	28.0	3.5	
11	0.0	0.0	0.0	0.0	0.0	0.0	7.3	1.1	0.0	0.0	3.0	12.8	
12	0.0	0.0	0.0	9.5	1.8	1.3	0.0	0.0	0.0	1.3	0.0	1.9	
13	0.0	0.0	0.0	36.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	
14	2.2	0.0	24.5	3.0	0.0	0.0	0.0	0.0	0.0	5.2	5.1	5.5	
15	0.0	28.2	0.0	17.6	0.0	0.0	0.0	0.0	0.0	48.5	0.0	0.0	
16	0.0	0.0	0.0	0.0	25.7	0.0	5.6	0.0	0.0	5.2	0.0	0.0	
17	0.0	0.0	0.0	4.1	46.4	0.0	0.0	0.0	0.0	0.0	3.9	33.7	
18	0.0	0.0	0.0	6.4	38.3	0.0	0.0	1.0	8.2	0.0	0.0	0.4	
19	0.0	0.0	0.0	0.0	2.5	0.0	6.4	0.0	0.0	13.3	0.0	0.0	
20	0.0	0.0	0.0	1.9	6.8	0.0	5.8	0.0	0.0	1.9	0.0	0.0	
21	0.0	0.0	0.0	10.5	3.1	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	34.8	7.2	0.9	0.0	0.0	0.0	0.4	2.7	
23	0.0	0.0	0.0	8.9	6.0	0.0	0.0	0.3	0.7	0.0	0.6	0.0	
24	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	16.2	0.0	7.0	
25	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	3.0	0.0	1.9	0.0	
26	15.4	0.0	0.0	13.8	9.6	0.0	9.0	0.0	3.4	12.4	0.0	0.0	
27	3.0	0.0	11.6	10.0	0.0	0.0	0.0	1.2	0.0	3.7	0.0	0.0	
28	49.4	0.0	2.5	23.3	21.4	2.6	6.0	6.9	1.5	6.4	0.0	0.0	
29	0.0	0.0	4.2	35.8	0.4	0.0	0.0	0.0	1.6	8.2	13.0	0.0	
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.2	12.8	
31	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	15.6	
Total	107.2	71.8	143.5	269.6	268.5	18.2	47.9	27.0	26.8	136.2	187.7	169.8	
D. LI.	8	5	9	20	16	10	10	8	9	14	15	18	
TOTALES ANUALES											1474.2 mm.		142
												Dias	
												lluvia	

ESTACION: ATALA  
ALTITUD: 1.160

MUNICIPIO: VIETA  
LATITUD: 4-24 N.

AÑO: 1.983  
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	18.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
2	1.0	0.0	26.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	8.0	12.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
4	0.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	10.0	0.0	4.0	8.0	0.0	6.0	0.0	24.0	0.0	0.0	0.0	
6	0.0	0.0	22.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	
7	0.0	12.0	18.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	
8	16.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	
10	0.0	0.0	12.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	30.0	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	38.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	28.0	
14	14.0	0.0	42.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	12.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	6.0	24.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	
17	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	8.0	28.0	18.0	
19	0.0	0.0	0.0	0.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	
21	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	12.0	
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	4.0	0.0	4.0	8.0	0.0	
24	0.0	0.0	0.0	38.0	28.0	0.0	0.0	0.0	0.0	16.0	0.0	4.0	
25	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	58.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	28.0	0.0	0.0	
27	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	18.0	0.0	0.0	50.0	18.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
29	0.0	0.0	0.0	0.0	34.0	0.0	0.0	0.0	0.0	18.0	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	6.0	0.0	0.0	0.0	0.0	22.0	
Total	147.0	22.0	154.0	200.0	186.0	0.0	26.0	8.0	36.0	104.0	158.0	236.0	
D. LI.	6	2	6	7	8	0	3	2	3	8	9	10	
TOTALES ANUALES											1277.0 mm.		64
												Dias	
												lluvia	

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

ESTACION: EL REFUGIO

MUNICIPIO: LA MESA

AÑO: 1.983

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	14.0	5.0		0.0	4.0	0.0	2.0	90.0	0.0
2	18.0	0.0	0.0	8.0	6.0		0.0	0.0	0.0	3.0	0.0	27.0
3	6.0	0.0	10.0	33.0	0.0		0.0	0.0	4.0	0.0	0.0	0.0
4	4.0	22.0	8.0	23.0	0.0		0.0	0.0	0.0	0.0	0.0	15.0
5	0.0	0.0	12.0	0.0	0.0		0.0	0.0	0.0	4.0	0.0	17.0
6	0.0	39.0	11.0	0.0	0.0		0.0	0.0	3.0	2.0	0.0	14.0
7	0.0	0.0	9.0	5.0	0.0		0.0	0.0	1.0	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	30.0	15.0
9	0.0	0.0	0.0	0.0	0.0		3.0	1.0	0.0	0.0	50.0	14.0
10	0.0	28.0	0.0	3.0	0.0		2.0	0.0	0.0	0.0	32.0	6.0
11	0.0	0.0	0.0	9.0	0.0		0.0	0.0	0.0	0.0	0.0	8.0
12	9.0	0.0	35.0	4.0	0.0		0.0	0.0	0.0	0.0	0.0	24.0
13	3.0	0.0	15.0	8.0	0.0		0.0	0.0	0.0	20.0	10.0	12.0
14	0.0	0.0	20.0	10.0	10.0		0.0	0.0	0.0	14.0	0.0	0.0
15	0.0	0.0	0.0	26.0	12.0		0.0	0.0	0.0	8.0	6.0	0.0
16	0.0	0.0	0.0	11.0	30.0		0.0	0.0	0.0	0.0	4.0	30.0
17	0.0	0.0	0.0	5.0	16.0		0.0	0.0	0.0	0.0	0.0	27.0
18	0.0	0.0	0.0	12.0	14.0		0.0	0.0	0.0	55.0	0.0	0.0
19	0.0	0.0	0.0	2.0	0.0		0.0	0.0	0.0	0.0	21.0	2.0
20	0.0	0.0	0.0	3.0	10.0		0.0	0.0	25.0	0.0	4.0	0.0
21	0.0	0.0	0.0	10.0	3.0		0.0	4.0	20.0	16.0	0.0	4.0
22	0.0	5.0	0.0	9.0	0.0		0.0	0.0	2.0	0.0	0.0	1.0
23	0.0	0.0	18.0	11.0	20.0		0.0	0.0	0.0	4.0	0.0	3.0
24	0.0	0.0	14.0	12.0	6.0		0.0	3.0	0.0	12.0	0.0	0.0
25	0.0	0.0	8.0	8.0	32.0		1.0	0.0	0.0	10.0	0.0	2.0
26	11.0	11.0	6.0	3.0	6.0		0.0	0.0	0.0	0.0	0.0	0.0
27	19.0	2.0	0.0	2.0	0.0		2.0	0.0	0.0	20.0	0.0	0.0
28	9.0	0.0	0.0	7.0	0.0		0.0	0.0	0.0	10.0	0.0	0.0
29	0.0	0.0	0.0	20.0	0.0		0.0	35.0	0.0	4.0	15.0	8.0
30	0.0	0.0	0.0	0.0	0.0		0.0	0.0	3.0	0.0	0.0	49.0
31	14.0	0.0	20.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
Total D. Ll.	80.0	107.0	186.0	259.0	174.0		8.0	50.0	58.0	184.0	274.0	278.0
	8	6	13	25	13		4	7	7	15	11	19

TOTALES ANUALES

mm.

Días lluvia

ESTACION: LAS GRANJAS

MUNICIPIO: MEEITAS COLEGIADO

AÑO: 1.983

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	8.0	2.0	0.0	0.0	6.0	3.0	0.0	0.0	0.0	0.0	14.0	0.0
2	5.0	2.0	0.0	0.0	15.0	2.0	0.0	0.0	0.0	4.0	6.0	0.0
3	5.0	0.0	3.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	4.0	6.0
4	3.0	0.0	0.0	20.0	3.0	0.0	0.0	0.0	4.0	0.0	8.0	8.0
5	7.0	7.0	9.0	10.0	0.0	0.0	0.0	0.0	0.0	1.0	7.0	10.0
6	0.0	15.0	12.0	22.0	2.0	0.0	0.0	0.0	0.0	0.0	14.0	16.0
7	9.0	0.0	11.0	28.0	0.0	0.0	2.0	0.0	8.0	0.0	20.0	6.0
8	3.0	0.0	18.0	20.0	0.0	0.0	0.0	0.0	15.0	14.0	10.0	2.0
9	0.0	0.0	26.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0
10	0.0	38.0	6.0	24.0	0.0	0.0	0.0	0.0	0.0	3.0	10.0	6.0
11	0.0	11.0	0.0	4.0	16.0	0.0	5.0	0.0	4.0	0.0	6.0	4.0
12	0.0	0.0	0.0	32.0	3.0	0.0	0.0	0.0	0.0	8.0	0.0	5.0
13	2.0	0.0	15.0	9.0	0.0	2.0	0.0	0.0	0.0	11.0	18.0	2.0
14	0.0	0.0	4.0	5.0	3.0	0.0	9.0	0.0	0.0	61.0	6.0	0.0
15	0.0	14.0	2.0	9.0	0.0	0.0	0.0	0.0	0.0	12.0	4.0	0.0
16	0.0	0.0	0.0	12.0	10.0	0.0	6.0	0.0	0.0	12.0	0.0	2.0
17	0.0	0.0	0.0	8.0	18.0	0.0	9.0	3.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	6.0	6.0	6.0	0.0	2.0	10.0	0.0	4.0
19	0.0	0.0	0.0	12.0	3.0	0.0	4.0	0.0	0.0	24.0	0.0	0.0
20	0.0	0.0	0.0	23.0	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	12.0	0.0	0.0	0.0	4.0	0.0	0.0	8.0
22	0.0	0.0	0.0	4.0	6.0	0.0	9.0	0.0	0.0	3.0	0.0	6.0
23	0.0	0.0	0.0	12.0	16.0	0.0	6.0	0.0	0.0	0.0	6.0	2.0
24	6.0	6.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0
25	18.0	0.0	2.0	0.0	8.0	0.0	0.0	0.0	0.0	12.0	0.0	6.0
26	10.0	0.0	0.0	8.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	10.0	40.0	2.0	0.0	0.0	0.0	10.0	14.0	6.0	0.0
28	3.0	0.0	0.0	68.0	0.0	0.0	0.0	12.0	2.0	10.0	21.0	0.0
29	9.0	0.0	0.0	25.0	4.0	0.0	0.0	0.0	0.0	18.0	12.0	0.0
30	6.0	0.0	0.0	14.0	0.0	0.0	38.0	0.0	0.0	4.0	4.0	30.0
31	3.0	0.0	0.0	0.0	2.0	0.0	3.0	0.0	0.0	21.0	0.0	18.0
Total D. Ll.	82.0	95.0	118.0	426.0	144.0	7.0	73.0	22.0	49.0	242.0	194.0	159.0
	13	8	12	24	20	3	8	4	8	18	19	19

TOTALES ANUALES

1611.0 mm.

156

Días lluvia

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

ESTACION: ICALI

MUNICIPIO: SA SAIMA

AÑO: 1.983

ALTITUD: 1.280

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	14.0	0.0	0.0	0.0	2.0	0.0	30.0	0.0
2	0.0	0.0	2.0	0.0	0.0	2.0	10.0	0.0	0.0	0.0	20.0	20.0
3	7.0	0.0	0.0	0.0	10.0	3.0	0.0	0.0	0.0	0.0	0.0	50.0
4	3.0	2.0	42.0	0.0	0.0	1.0	6.0	0.0	10.0	0.0	0.0	4.0
5	0.0	4.0	38.0	12.0	0.0	6.0	1.0	4.0	0.0	0.0	45.0	0.0
6	0.0	11.0	11.0	6.0	4.0	4.0	0.0	0.0	3.0	0.0	3.0	20.0
7	0.0	14.0	14.0	3.0	0.0	1.0	3.0	0.0	0.0	0.0	0.0	0.0
8	16.0	9.0	9.0	0.0	2.0	0.0	0.0	0.0	0.0	11.0	10.0	30.0
9	0.0	11.0	11.0	15.0	0.0	6.0	7.0	0.0	0.0	0.0	22.0	40.0
0	0.0	4.0	19.0	0.0	0.0	12.0	0.0	0.0	9.0	0.0	0.0	57.0
1	0.0	7.0	11.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	22.0	42.0
2	1.0	0.0	4.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
3	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	40.0	11.0	0.0
4	2.0	0.0	12.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	11.0	3.0	0.0	0.0	0.0	2.0	41.0	0.0	0.0
6	0.0	0.0	0.0	13.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
7	0.0	0.0	31.0	0.0	3.0	0.0	0.0	0.0	3.0	20.0	0.0	0.0
8	0.0	0.0	1.0	0.0	15.0	0.0	0.0	0.0	0.0	70.0	0.0	0.0
9	0.0	0.0	0.0	4.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	4.0	10.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
1	0.0	0.0	0.0	11.0	3.0	0.0	0.0	0.0	0.0	4.0	0.0	5.0
2	0.0	0.0	0.0	12.0	1.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0
3	0.0	0.0	0.0	34.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0
6	84.0	0.0	41.0	82.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0
7	52.0	0.0	39.0	15.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	10.0	1.0	5.0	12.0	0.0	0.0	0.0	14.0	0.0	16.0	0.0	0.0
9	0.0	0.0	36.0	4.0	0.0	0.0	0.0	0.0	0.0	30.0	10.0	0.0
0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	30.0	30.0	10.0
1	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
Total D.LL.	227.0	51.5	400.0	449.0	258.0	61.0	38.0	29.0	55.0	280.0	243.0	340.0
DTALES ANUALES	2471.5 mm.											135
												Dias lluvia

ESTACION: VIANI

MUNICIPIO: VIANI

AÑO: 1.983

ALTITUD:

LATITUD: 4-52 N.

LONGITUD: 74-33 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	0.0	0.0	0.0	0.0	0.0	46.0	0.0
2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0
3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
4	12.0	0.0	13.0	0.0	0.0	0.0	5.0	11.0	12.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	19.0
6	0.0	4.0	3.0	4.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	7.0
7	0.0	0.0	7.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	5.0
8	0.0	0.0	10.0	3.0	0.0	0.0	3.0	0.0	0.0	0.0	32.0	20.0
9	0.0	4.0	0.0	11.0	0.0	0.0	5.0	0.0	0.0	2.0	0.0	11.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
11	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	41.0
12	0.0	0.0	0.0	25.0	8.0	0.0	0.0	0.0	0.0	41.0	22.0	12.0
13	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	10.0
14	0.0	0.0	8.0	2.0	0.0	0.0	4.0	0.0	0.0	7.0	6.0	2.0
15	0.0	0.0	0.0	4.0	0.0	0.0	1.0	0.0	9.0	45.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	10.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	12.0	5.0	0.0	0.0	0.0	6.0	10.0	0.0	8.0
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
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	30.0	0.0
21	0.0	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	0.0	0.0	0.0	11.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	1.0	5.0	0.0	0.0	0.0	0.0	8.0	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	1.0	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	25.0	0.0	22.0	15.0	12.0	0.0	0.0	0.0	0.0	27.0	0.0	10.0
27	28.0	0.0	0.0	64.0	3.0	0.0	0.0	0.0	0.0	70.0	0.0	0.0
28	0.0	0.0	0.0	0.0	1.0	0.0	0.0	14.0	0.0	10.0	0.0	0.0
29	0.0	0.0	0.0	18.0	0.0	2.0	0.0	0.0	0.0	10.0	6.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	5.0	10.0	0.0	0.0	23.0	15.0
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.	70.0	161.0	100.0	239.0	66.0	10.0	35.0	35.0	42.0	237.0	213.0	204.0
TOTALES ANUALES	1412.0 mm.											96
												Dias 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:

1.983

ALTITUD: 1.665

LATITUD: 4-55 N.

LONGITUD: 74-17 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	35.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	40.0	0.0	12.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	
3	10.0	0.0	20.0	0.0	2.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	20.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	21.0	24.0	3.0	5.0	0.0	0.0	0.0	0.0	18.0	0.0	
6	0.0	4.0	19.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	
7	0.0	19.0	50.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	
8	0.0	6.0	33.0	32.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	22.0	
9	0.0	14.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	
10	0.0	32.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	4.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	
12	10.0	0.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	
13	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	10.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	8.0	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	11.0	15.0	0.0	0.0	0.0	0.0	33.0	0.0	0.0	
18	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	1.0	5.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	
23	0.0	0.0	0.0	23.0	16.0	0.0	0.0	0.0	0.0	40.0	0.0	15.0	
24	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	45.0	
25	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	
26	10.0	0.0	12.0	3.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	
27	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	50.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	
29	0.0	0.0	4.0	4.0	0.0	0.0	0.0	0.0	0.0	34.0	0.0	8.0	
30	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	10.0	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	10.0	
Total	245.0	125.0	242.0	305.0	91.0	24.0	3.0	0.0	3.0	253.0	110.0	196.0	
D. LI.	9	7	12	18	5	2	1	0	2	14	5	12	
TOTALES ANUALES							1597.0 mm.				91		Dias lluvia

ESTACION: EL TRIANGULO

MUNICIPIO: SASAIMA

AÑO: 1.983

ALTITUD: 1.500

LATITUD: 4-58 N.

LONGITUD: 74-26 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	1.0	0.0	0.0	10.0	1.0	0.0	0.0	1.0	1.0	27.0	1.0	
2	4.0	0.0	0.0	0.0	1.0	3.0	0.0	0.0	0.0	0.0	1.0	3.0	
3	1.0	0.0	7.0	1.0	2.0	1.0	0.0	2.0	0.0	7.0	1.0	55.0	
4	64.0	1.0	12.0	0.0	4.0	18.0	0.0	4.0	1.0	0.0	0.0	3.0	
5	0.0	0.0	24.0	12.0	0.0	12.0	0.0	1.0	11.0	0.0	0.0	0.0	
6	0.0	24.0	22.0	5.0	1.0	1.0	19.0	2.0	9.0	0.0	50.0	12.0	
7	0.0	7.0	24.0	2.0	0.0	4.0	3.0	0.0	1.0	0.0	3.0	10.0	
8	0.0	6.0	46.0	1.0	9.0	22.0	0.0	0.0	4.0	0.0	9.0	11.0	
9	0.0	0.0	10.0	15.0	0.0	2.0	0.0	0.0	0.0	10.0	10.0	25.0	
10	1.0	7.0	2.0	11.0	0.0	24.0	0.0	0.0	0.0	0.0	5.0	2.0	
11	0.0	8.0	4.0	16.0	1.0	1.0	0.0	0.0	0.0	0.0	55.0	30.0	
12	2.0	0.0	13.0	43.0	0.0	0.0	0.0	0.0	1.0	2.0	11.0	0.0	
13	26.0	1.0	2.0	14.0	0.0	0.0	0.0	0.0	1.0	0.0	5.0	21.0	
14	6.0	13.0	3.0	13.0	0.0	0.0	0.0	0.0	0.0	22.0	11.0	0.0	
15	0.0	0.0	0.0	12.0	10.0	0.0	1.0	0.0	3.0	39.0	1.0	0.0	
16	0.0	0.0	0.0	1.0	3.0	0.0	0.0	0.0	3.0	2.0	2.0	0.0	
17	0.0	1.0	71.0	19.0	17.0	0.0	1.0	0.0	0.0	0.0	1.0	3.0	
18	0.0	0.0	1.0	35.0	7.0	0.0	0.0	0.0	6.0	46.0	0.0	9.0	
19	0.0	0.0	0.0	0.0	17.0	0.0	2.0	0.0	5.0	22.0	0.0	5.0	
20	0.0	9.0	0.0	19.0	62.0	0.0	0.0	0.0	1.0	4.0	0.0	16.0	
21	0.0	0.0	0.0	19.0	14.0	0.0	0.0	0.0	1.0	1.0	0.0	3.0	
22	0.0	0.0	0.0	0.0	5.0	0.0	7.0	0.0	2.0	1.0	1.0	15.0	
23	0.0	0.0	0.0	15.0	0.0	0.0	0.0	1.0	0.0	13.0	76.0	0.0	
24	0.0	0.0	2.0	10.0	1.0	0.0	0.0	0.0	0.0	2.0	0.0	4.0	
25	9.0	0.0	24.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	17.0	
26	100.0	0.0	84.0	53.0	27.0	0.0	0.0	0.0	0.0	7.0	0.0	15.0	
27	72.0	0.0	3.0	13.0	4.0	0.0	0.0	3.0	4.0	1.0	0.0	0.0	
28	30.0	4.0	42.0	14.0	0.0	0.0	0.0	12.0	0.0	24.0	6.0	0.0	
29	0.0	0.0	31.0	45.0	0.0	0.0	0.0	1.0	1.0	26.0	7.0	0.0	
30	0.0	0.0	0.0	26.0	0.0	0.0	1.0	0.0	0.0	24.0	4.0	67.0	
31	22.0	0.0	0.0	0.0	0.0	0.0	2.0	1.0	0.0	1.0	0.0	13.0	
Total	337.0	82.0	427.0	415.0	207.0	89.0	36.0	31.0	55.0	255.0	287.0	402.0	
D. LI.	12	12	20	25	20	11	8	10	17	20	21	23	
TOTALES ANUALES							2623.0 mm.				199		Dias lluvia

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

ESTACION: LOS ALPES

MUNICIPIO: GUADALAJ

AÑO: 1.983

ALTITUD: 1.600

LATITUD: 5-05 N.

LONGITUD: 74-34 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT	OCTUBRE	NOV	DIC.
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
Total	15.0	20.0	230.0		71.0	40.0	18.0	2.0	20.0	194.0	116.0	251.0
D. LI.	3	3	12		10	8	3	1	2	14	7	15

mm.

Dias  
lluvia

TOTALES ANUALES

ESTACION: LOS ALEROS

MUNICIPIO: LA VEGA

AÑO: 1.983

ALTITUD:

LATITUD: 4-52 N.

LONGITUD: 74-18 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
Total	140.0	150.0	275.0	355.0	150.0	60.0	20.0	10.0	25.0	60.0	265.0	430.0
D. LI.	12	8	15	13	15	6	2	1	4	9	18	26

1940.0 mm.

134

Dias  
lluvia

TOTALES ANUALES

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

ESTACION: LOS PANTANOS

MUNICIPIO: VERGARA

AÑO: 1.963

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	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0				0.0	0.0	0.0	0.0	0.0	10.0	0.0
3	0.0	0.0				0.0	10.0	0.0	0.0	0.0	0.0	21.0
4	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0	20.0
5	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0	10.0
6	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0	17.0
7	0.0	0.0				0.0	0.0	0.0	10.0	45.0	0.0	20.0
8	0.0	0.0				0.0	0.0	0.0	0.0	0.0	10.0	30.0
9	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	4.0	0.0				0.0	5.0	0.0	5.0	0.0	0.0	10.0
11	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0				0.0	0.0	0.0	0.0	0.0	10.0	0.0
13	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0	7.0
14	0.0	10.0				0.0	0.0	0.0	0.0	0.0	30.0	20.0
15	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0	25.0
16	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0				0.0	15.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0				0.0	0.0	0.0	15.0	10.0	0.0	0.0
19	0.0	0.0				0.0	0.0	0.0	0.0	0.0	5.0	0.0
20	0.0	0.0				0.0	0.0	0.0	10.0	0.0	0.0	0.0
21	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0				0.0	0.0	0.0	0.0	5.0	0.0	35.0
23	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0	6.0
24	0.0	0.0				0.0	0.0	0.0	0.0	25.0	0.0	0.0
25	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0				0.0	0.0	0.0	0.0	30.0	0.0	0.0
27	0.0	0.0				0.0	0.0	0.0	0.0	0.0	25.0	0.0
28	0.0	0.0				0.0	0.0	10.0	0.0	0.0	0.0	10.0
29	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0	8.0
30	0.0	0.0				0.0	5.0	0.0	0.0	0.0	0.0	11.0
31	0.0	0.0				0.0	0.0	0.0	0.0	35.0	0.0	0.0
Total	40.0	10.0				0.0	35.0	18.0	45.0	150.0	94.0	402.0
D. Li.	1	1				0	4	3	5	6	7	21
TOTALES ANUALES												Días lluvia

mm.

ESTACION: SECRETARIA DE AGRICULTURA  
ALTITUD: 1.060

MUNICIPIO: GUADALAJARA  
LATITUD: 5-04 N.

AÑO: 1.963  
LONGITUD: 74-36 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	1.0	0.0
2	2.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	11.0	0.0
3	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	20.0
4	8.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	5.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	5.0	52.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	1.0
7	0.0	7.0	0.0	3.0	0.0	1.0	20.0	0.0	0.0	5.0	12.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	13.0
9	0.0	0.0	6.0	7.0	2.0	0.0	4.0	0.0	0.0	8.0	1.0	42.0
10	0.0	0.0	41.0	16.0	0.0	1.0	0.0	0.0	0.0	0.0	3.0	1.0
11	0.0	11.0	14.0	7.0	0.0	0.0	0.0	0.0	10.0	4.0	6.0	140.0
12	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
13	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	3.0	5.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	2.0
15	0.0	0.0	0.0	14.0	6.0	0.0	0.0	0.0	0.0	6.0	9.0	0.0
16	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	17.0	5.0	0.0
17	0.0	0.0	7.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	3.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	32.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	10.0
20	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	14.0	0.0	24.0
21	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	9.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	3.0	0.0	5.0	0.0	0.0	34.0	0.0	0.0
24	0.0	0.0	0.0	40.0	22.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0
25	0.0	0.0	16.0	49.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	3.0	0.0	8.0	3.0	16.0	0.0	0.0	0.0	0.0	49.0	0.0	14.0
27	0.0	3.0	6.0	19.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	13.0	5.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0
29	0.0	0.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	10.0	9.0	0.0
30	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	22.0	11.0	7.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
Total	13.0	33.0	108.0	268.0	134.0	14.0	40.0	13.0	27.0	225.0	143.0	293.0
D. Li.	3	5	10	19	15	4	5	1	5	16	14	14
TOTALES ANUALES												Días lluvia

1331.0 mm.

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

ESTACION: EL PARAISO

MUNICIPIO: CAFARRAPI

AÑO: 1.983

ALTITUD: 1.450

LATITUD: 5-19 N.

LONGITUD: 74-29 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT	OCTUBRE	NOV	DIC.		
1	0.0	0.0	5.0	21.0	0.0	10.0	0.0	5.0	0.0	0.0	0.0	0.0		
2	0.0	0.0	0.0	0.0	5.0	12.0	10.0	0.0	0.0	0.0	14.0	0.0		
3	5.0	0.0	10.0	0.0	20.0	6.0	0.0	0.0	5.0	0.0	0.0	0.0		
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	15.0		
5	0.0	0.0	0.0	40.0	0.0	0.0	10.0	0.0	44.0	0.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0		
7	0.0	0.0	10.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	85.0		
8	0.0	0.0	0.0	5.0	0.0	0.0	20.0	0.0	0.0	10.0	0.0	0.0		
9	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	20.0	0.0	10.0		
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
11	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0		
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0		
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	30.0	5.0	0.0		
15	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	23.0	22.0	0.0	0.0		
16	0.0	0.0	12.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
17	0.0	0.0	0.0	25.0	25.0	0.0	0.0	0.0	35.0	0.0	0.0	30.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	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	20.0	0.0	0.0	0.0	0.0	0.0	40.0	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	25.0	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	15.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
26	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0		
27	0.0	0.0	0.0	0.0	42.0	0.0	0.0	5.0	15.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	39.0	0.0	5.0	0.0	0.0	0.0	21.0	0.0	30.0		
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	5.0	0.0		
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	31.0	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.	16.0 3	0.0 0	45.0 5	205.0 9	217.0 5	35.0 4	100.0 6	12.0 3	162.0 7	211.0 8	64.0 4	243.0 9		
TOTALES ANUALES											1310.0 mm.		67	Dias lluvia

ESTACION: SECRETARIA DE AGRICULTURA  
ALTITUD: 1.250

MUNICIPIO: LA PALMA  
LATITUD: 5-21 N.

AÑO: 1.983  
LONGITUD: 74-23 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	0.0	0.0	9.0	0.0	72.0	0.0	6.0	0.0	6.0	3.0	0.0	12.0		
2	0.0	0.0	0.0	0.0	2.0	9.2	4.0	0.0	0.0	10.0	0.0	3.0		
3	0.0	0.0	0.0	9.0	22.0	0.0	2.0	8.1	0.0	0.0	50.0	72.0		
4	7.0	0.0	0.0	5.0	0.0	40.0	5.0	0.0	14.0	0.0	0.0	5.0		
5	3.0	0.0	19.0	19.0	0.0	1.0	0.0	0.0	24.0	0.0	0.0	3.0		
6	0.0	1.0	3.0	18.0	0.0	0.0	2.0	0.0	2.0	0.0	4.0	9.0		
7	0.0	3.0	1.0	6.0	0.0	0.0	44.0	0.0	0.0	0.0	0.0	0.0		
8	0.0	0.0	0.0	20.0	0.0	0.0	66.0	0.0	47.0	4.0	3.0	11.0		
9	0.0	0.0	20.0	28.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	6.0		
10	15.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	13.0		
11	0.0	0.0	0.0	1.0	6.0	5.0	1.0	0.0	3.0	5.0	7.0	22.0		
12	1.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	19.2	2.0	8.0		
13	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	17.0		
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	7.0	0.0		
15	0.0	0.0	0.0	47.0	10.0	0.0	0.0	0.0	0.0	33.0	44.2	20.0		
16	0.0	0.0	0.0	0.0	13.0	0.0	18.2	0.0	19.0	0.0	2.2	11.0		
17	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	30.0	30.0		
18	0.0	0.0	0.0	31.0	0.0	0.0	0.0	0.0	14.0	5.0	0.0	3.0		
19	3.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	12.2	0.0	14.0		
20	0.0	0.0	0.0	48.0	0.0	0.0	0.0	0.0	2.0	10.0	0.0	5.0		
21	0.0	0.0	1.0	23.0	0.0	0.0	0.0	0.0	1.0	3.0	6.2	2.0		
22	0.0	0.0	18.0	0.0	0.0	0.0	0.0	5.0	0.0	10.2	48.0	0.0		
23	0.0	0.0	4.0	18.0	18.0	0.0	0.0	3.0	0.0	2.2	9.0	0.0		
24	0.0	0.0	17.0	2.0	23.0	0.0	1.0	2.0	0.0	1.0	0.0	0.0		
25	0.0	0.0	15.0	9.0	9.2	4.0	0.0	0.0	0.0	14.0	25.0	4.0		
26	0.0	0.0	50.0	0.0	2.0	0.0	0.0	6.0	22.0	22.0	3.0	13.0		
27	0.0	0.0	2.0	5.0	20.0	0.0	0.0	9.0	0.0	27.0	0.0	5.0		
28	0.0	0.0	0.0	40.0	6.0	14.0	0.0	8.0	0.0	30.0	0.0	2.0		
29	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	34.0	18.0	0.0		
30	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	2.0	14.0	0.0	0.0	0.0	0.0		
Total D.Ll.	29.0 5	20.3 3	169.0 14	405.0 20	211.2 13	73.2 6	153.2 12	49.1 7	192.0 12	305.0 23	264.6 16	290.0 23		
TOTALES ANUALES											2161.6 mm.		154	Dias lluvia

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

ESTACION: SAN JUAN

MUNICIPIO: S. JUAN RILSECO AÑO: 1.983

ALTITUD: 1.300

LATITUD: 4-51 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	3.1	0.0	0.0	0.0	0.0	0.0	86.0	0.0
2	1.7	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	2.1	0.0
3	0.3	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	1.3	0.0	10.0
4	20.2	0.0	32.0	0.0	0.0	0.0	0.0	0.2	5.3	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	6.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	17.3	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.6	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0
9	0.3	0.0	4.2	13.3	0.0	0.0	6.2	0.0	0.0	5.3	0.0	36.0
10	0.0	0.4	19.0	4.0	0.0	0.4	0.0	0.0	0.0	0.0	7.3	0.0
11	0.0	13.2	0.0	3.0	0.4	0.0	0.0	0.0	0.0	0.0	36.4	37.0
12	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	2.7	0.0	9.4
13	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.4	40.3	4.0
14	0.0	0.0	33.4	16.6	0.0	0.0	0.0	0.0	0.4	9.6	0.0	0.0
15	0.0	0.0	0.0	50.0	1.0	0.0	0.0	0.0	0.3	25.7	0.0	0.0
16	1.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	1.4	0.6	0.0	0.0
17	0.0	0.0	2.4	2.1	4.6	0.0	0.0	0.0	0.0	2.7	5.0	26.0
18	0.0	48.6	0.0	0.3	6.6	0.0	0.0	0.0	0.0	15.1	0.6	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	28.5	0.0	0.0
20	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	4.8	0.0	0.0	15.0
21	0.0	5.2	0.0	12.9	14.7	0.0	0.0	0.0	3.0	1.2	5.1	0.0
22	0.0	0.1	0.0	0.0	0.0	5.4	2.6	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	14.6	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	22.4	0.0	0.0	0.0
25	0.0	0.0	15.4	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	1.0	0.0	10.0	7.0	22.0	0.0	0.0	0.0	0.0	54.1	0.0	25.1
27	8.3	0.3	4.1	45.0	5.3	0.0	0.0	0.4	0.0	0.0	0.0	0.0
28	0.4	0.0	0.0	1.4	23.1	0.0	0.0	54.6	0.0	1.3	0.0	0.0
29	0.0	0.0	8.4	36.0	0.0	0.0	1.6	0.0	0.4	10.6	6.6	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	3.0	29.0
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.	33.2 8	52.1 8	137.3 11	263.2 17	101.1 13	9.6 4	16.8 7	55.2 3	46.0 13	160.6 15	222.1 14	215.9 12
TOTALES ANUALES							1357.1 mm.				Días 125 lluvia	

ESTACION: BENGALA  
ALTITUD: 1.600

MUNICIPIO: VENECIA  
LATITUD: 4-05 N.

AÑO: 1.983  
LONGITUD: 74-29 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	2.0	0.0	23.0	6.0	0.0	10.0	0.0	0.0	6.0	0.0
2	9.0	0.0	4.0	0.0	11.0	10.0	0.0	0.0	3.0	0.0	57.0	21.0
3	9.0	0.0	3.0	0.0	3.0	0.0	0.0	10.0	0.0	4.0	12.0	5.0
4	5.0	0.0	0.0	0.0	16.0	5.0	2.0	1.0	0.0	0.0	4.0	5.0
5	4.0	8.0	7.0	15.0	2.0	6.0	0.0	2.0	12.0	2.0	25.0	5.0
6	2.0	11.0	0.0	10.0	3.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0
7	0.0	14.0	20.0	20.0	0.0	8.0	8.0	2.0	2.0	0.0	0.0	14.0
8	0.0	6.0	0.0	12.0	0.0	4.0	6.0	0.0	0.0	0.0	5.0	15.0
9	2.0	0.0	0.0	24.0	1.0	5.0	7.0	0.0	5.0	9.0	4.0	10.0
10	0.0	0.0	8.0	18.0	0.0	0.0	0.0	3.0	0.0	0.0	27.0	8.0
11	0.0	0.0	0.0	0.0	0.0	3.0	3.0	0.0	0.0	0.0	15.0	3.0
12	0.0	0.0	0.0	3.0	4.0	5.0	0.0	0.0	2.0	1.0	5.0	5.0
13	20.0	0.0	4.0	29.0	0.0	0.0	0.0	0.0	2.0	0.0	2.0	3.0
14	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	3.0	0.0	24.0	0.0
15	80.0	0.0	0.0	6.0	7.0	0.0	0.0	0.0	0.0	3.0	10.0	0.0
16	0.0	0.0	0.0	12.0	4.0	0.0	0.0	0.0	1.0	6.0	2.0	0.0
17	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	1.0	0.0	5.0	2.0
18	0.0	3.0	0.0	19.0	0.0	0.0	0.0	5.0	1.0	3.0	3.0	3.0
19	5.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	2.0	2.0	0.0	25.0
20	0.0	0.0	0.0	11.0	26.0	0.0	0.0	0.0	6.0	15.0	0.0	8.0
21	0.0	0.0	0.0	9.0	3.0	0.0	0.0	0.0	7.0	25.0	0.0	0.0
22	0.0	5.0	0.0	0.0	0.0	3.0	15.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	12.0	17.0	0.0	2.0	0.0	0.0	1.0	0.0	4.0
24	0.0	0.0	5.0	6.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	5.0
25	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	1.0	9.0	13.0
26	0.0	0.0	5.0	4.0	21.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0
27	33.0	0.0	2.0	11.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
28	0.0	0.0	3.0	9.0	1.0	4.0	2.0	12.0	0.0	54.0	36.0	0.0
29	0.0	0.0	0.0	0.0	5.0	3.0	3.0	0.0	4.0	4.0	2.0	0.0
30	9.0	0.0	0.0	4.0	6.0	2.0	5.0	0.0	0.0	0.0	5.0	4.0
31	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	21.0
Total D. Ll.	177.0 11	47.0 6	63.0 11	243.0 1	199.0 20	67.0 14	66.0 13	53.0 10	49.0 13	176.0 18	258.0 20	179.0 20
TOTALES ANUALES							1577.0 mm.				Días 177 lluvia	

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

ESTACION: KISCO ( EL PERU )

MUNICIPIO: ALGECIRAS

AÑO: 1.983

ALTITUD: 1.400

LATITUD: 2-32 N.

LONGITUD: 75-20 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT	OCTUBRE	NOV	DIC.	
1	0.0	0.0	0.0	0.0	13.0	C.C	0.0	3.0	0.0	0.0	15.0	0.0	
2	10.0	7.0	0.0	23.0	C.C	7.0	0.0	0.0	7.0	0.0	7.0	27.0	
3	11.0	0.0	0.0	0.0	3.0	C.C	7.0	2.0	C.C	4.0	0.0	0.0	
4	3.0	0.0	J.0	0.0	C.C	C.C	0.0	C.C	0.0	6.0	C.C	24.0	
5	0.0	0.0	14.0	0.0	C.C	C.C	0.0	0.0	0.0	0.0	19.0	0.0	
6	5.0	0.0	0.0	12.0	C.C	C.C	0.0	4.0	9.0	0.0	0.0	17.0	
7	0.0	13.0	0.0	0.0	C.C	C.C	0.0	C.C	0.0	0.0	C.C	0.0	
8	6.0	18.0	0.0	0.0	14.0	C.C	5.0	J.J	0.0	0.0	9.0	C.C	
9	0.0	0.0	0.0	20.0	0.0	C.C	0.0	0.0	0.0	0.0	0.0	17.0	
10	0.0	0.0	3.0	0.0	C.C	C.C	C.C	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	C.0	22.0	C.C	C.C	11.0	0.0	0.0	5.0	8.0	0.0	
12	0.0	0.0	4.0	20.0	C.C	C.C	0.0	0.0	0.0	0.0	C.C	9.0	
13	0.0	0.0	8.0	31.0	C.C	C.C	0.0	C.C	0.0	0.0	17.0	0.0	
14	0.0	0.0	0.0	5.0	C.C	C.C	0.0	0.0	0.0	0.0	C.C	0.0	
15	0.0	0.0	0.0	6.0	4.0	12.0	0.0	0.0	0.0	7.0	0.0	3.0	
16	0.0	0.0	0.0	J.0	C.C	C.C	C.C	5.0	9.0	14.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	3.0	C.C	7.0	0.0	0.0	0.0	0.0	C.C	
18	0.0	0.0	0.0	0.0	C.C	C.C	0.0	0.0	8.0	0.0	0.0	11.0	
19	0.0	0.0	5.0	0.0	10.0	C.C	11.0	11.0	9.0	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	5.0	C.C	0.0	
21	0.0	6.0	0.0	0.0	2.0	C.C	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	3.0	0.0	0.0	15.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	J.0	0.0	37.0	C.C	0.0	0.0	3.0	7.0	0.0	10.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	7.0	0.0	0.0	
25	0.0	17.0	0.0	0.0	3.0	4.0	0.0	5.0	0.0	0.0	C.C	0.0	
26	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	4.0	0.0	15.0	8.0	11.0	0.0	6.0	0.0	11.0	27.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	C.C	C.C	C.C	5.0	0.0	0.0	7.0	0.0	
29	24.0	0.0	9.0	0.0	13.0	C.C	0.0	0.0	0.0	0.0	0.0	0.0	
30	20.0	0.0	0.0	0.0	0.0	8.0	C.C	0.0	3.0	5.0	0.0	0.0	
31	0.0	0.0	C.0	0.0	0.0	C.0	C.0	0.0	0.0	0.0	0.0	18.0	
Total D.Ll.	103.0	67.0	58.0	191.0	112.0	34.0	61.0	42.0	63.0	90.0	92.0	126.0	
	8	7	7	11	12	5	7	5	8	10	6	8	
TOTALES ANUALES											1035.0 mm.	100	Dias lluvia

ESTACION: LA PALMA  
ALTITUD: 1.100

MUNICIPIO: LA MESA  
LATITUD: 4-40 N.

AÑO: 1.983  
LONGITUD: 74-27 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	22.0	
2		0.0	1.0	0.0	0.0	15.0	C.0	0.0	0.0	0.0	2.0	0.0	
3		0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	2.0	0.0	0.0	
4		0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
5		0.0	27.0	10.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	17.0	
6		0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	21.0	
7		0.0	9.0	4.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	
8		0.0	19.0	0.0	0.0	0.0	3.0	0.0	2.0	0.0	0.0	50.0	
9		0.0	48.0	33.0	0.0	0.0	6.0	0.0	0.0	5.0	17.0	13.0	
10		0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	57.0	16.0	
11		0.0	2.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	2.0	
12		0.0	0.0	13.0	0.0	0.0	C.0	C.0	0.0	0.0	15.0	10.0	
13		0.0	2.0	70.0	0.0	0.0	0.0	0.0	0.0	2.0	10.0	70.0	
14		0.0	12.0	14.0	0.0	0.0	0.0	0.0	0.0	8.0	7.0	0.0	
15		18.0	0.0	115.0	0.0	0.0	0.0	0.0	5.0	23.0	15.0	0.0	
16		0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	C.0	
17		0.0	0.0	20.0	54.0	0.0	18.0	0.0	0.0	0.0	19.0	3.0	
18		32.0	0.0	3.0	5.0	0.0	C.0	0.0	0.0	0.0	0.0	0.0	
19		0.0	0.0	0.0	5.0	0.0	9.0	0.0	0.0	47.0	0.0	0.0	
20		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
21		2.0	0.0	48.0	0.0	0.0	2.0	0.0	6.0	2.0	5.0	2.0	
22		0.0	0.0	0.0	22.0	0.0	9.0	0.0	0.0	0.0	0.0	12.0	
23		0.0	0.0	0.0	7.0	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	9.0	0.0	0.0	17.0	0.0	0.0	
25		0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	
26		0.0	6.0	17.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	
27		0.0	69.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28		21.0	0.0	0.0	6.0	0.0	0.0	13.0	0.0	22.0	0.0	0.0	
29		0.0	0.0	76.0	0.0	0.0	2.0	0.0	0.0	0.0	15.0	0.0	
30		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
31		0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	3.0	0.0	3.0	
Total D.Ll.	0.0	73.0	195.0	488.0	121.0	15.0	33.0	15.0	20.0	143.0	202.0	263.0	
	0	4	10	15	6	1	6	2	5	13	13	14	
TOTALES ANUALES											1568.0 mm.	91	Dias lluvia

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

ESTACION: SUCRE MUNICIPIO: TELLO AÑO: 1.983  
 ALTITUD: 1.450 LATITUD: 3-04 N. LONGITUD: 75-09 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT	OCTUBRE	NOV	DIC.	
1	0.0	2.0	2.0	0.0	2.0	1.0	0.0	0.0	0.0	3.0	0.0	7.0	
2	0.0	0.0	3.0	0.0	7.0	3.0	1.0	0.0	1.0	2.0	4.0	6.0	
3	1.0	0.0	3.0	0.0	3.0	7.0	0.0	1.5	1.0	5.0	0.0	3.0	
4	0.0	1.0	0.0	1.0	3.0	2.0	3.0	0.0	1.0	1.0	8.0	2.0	
5	0.0	1.0	8.0	2.0	11.0	0.0	1.0	2.0	0.0	0.0	10.0	1.0	
6	0.0	2.0	9.0	7.0	7.0	0.0	1.0	2.0	1.0	0.0	7.0	1.0	
7	1.0	1.0	1.0	8.0	8.0	1.0	2.0	1.0	0.0	0.0	0.0	4.0	
8	1.0	3.0	10.0	11.0	2.0	5.0	2.0	0.0	0.0	1.0	11.0	1.0	
9	0.0	1.0	40.0	16.0	13.0	3.0	6.0	0.0	0.0	2.0	16.0	7.0	
10	0.0	1.0	0.0	33.0	9.0	2.0	3.0	0.0	1.0	2.0	16.0	11.0	
11	3.0	0.0	0.0	28.0	2.0	2.0	1.0	0.0	2.0	1.0	22.0	8.0	
12	0.0	1.0	8.0	0.0	1.0	2.0	0.0	0.0	5.0	7.0	13.0	5.0	
13	1.0	0.5	1.0	0.0	1.0	1.0	1.0	1.0	0.0	3.0	0.0	2.0	
14	1.0	1.0	6.0	0.0	3.0	1.0	0.0	1.0	1.0	2.0	0.0	1.0	
15	1.0	0.0	3.0	0.0	0.0	11.0	0.0	0.0	0.0	2.0	0.0	8.0	
16	2.0	0.0	4.0	0.0	1.0	6.0	0.0	0.0	0.0	7.0	9.0	3.0	
17	0.0	0.0	7.0	0.0	2.0	1.0	2.0	0.0	0.0	9.0	13.0	2.0	
18	0.0	3.0	0.0	0.0	18.0	2.0	10.0	3.0	1.0	4.0	7.0	3.0	
19	0.0	1.0	0.0	0.0	5.0	1.0	8.0	8.0	1.0	15.0	0.0	3.0	
20	1.0	2.0	0.0	0.0	4.0	2.0	13.0	0.0	1.0	22.0	16.0	18.0	
21	1.0	2.0	3.0	0.0	1.0	1.0	6.0	0.0	0.0	18.0	0.0	22.0	
22	2.0	1.0	1.0	0.0	3.0	1.0	3.0	0.0	0.0	24.0	28.0	13.0	
23	1.0	0.0	0.0	0.0	11.0	13.0	2.0	1.0	1.0	17.0	23.0	4.0	
24	0.0	0.0	0.0	0.0	9.0	9.0	0.0	0.0	1.0	14.0	27.0	11.0	
25	3.0	0.0	0.0	0.0	13.0	6.0	0.0	0.0	2.0	28.0	0.0	8.0	
26	0.0	0.0	0.0	0.0	22.0	7.0	0.0	8.0	0.0	24.0	0.0	6.0	
27	0.0	1.0	0.0	0.0	15.0	3.0	1.0	6.0	0.0	19.0	0.0	8.0	
28	1.0	1.0	0.0	0.0	8.0	2.0	8.0	0.0	0.0	22.0	18.0	3.0	
29	1.0	0.0	0.0	0.0	11.0	1.0	0.0	0.0	0.0	18.0	29.0	11.0	
30	1.0	0.0	0.0	3.0	13.0	0.0	0.0	0.0	3.0	3.0	3.0	8.0	
31	1.0	0.0	0.0	0.0	3.0	0.0	1.0	0.0	0.0	8.0	0.0	6.0	
Total D.Ll.	23.0 17	25.5 18	109.0 16	109.0 9	211.0 30	96.0 27	67.0 19	34.5 11	23.0 15	283.0 28	284.0 19	196.0 31	
TOTALES ANUALES										1461.0 mm.		Días lluvia	240

ESTACION: BUENOS AIRES MUNICIPIO: TERUEL AÑO: 1.983  
 ALTITUD: 1.450 LATITUD: 2-45 N. LONGITUD: 75-35 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	0.0	20.0	0.0	2.0	2.0	0.0	20.0	1.0	
2	50.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	
3	5.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	
4	10.0	2.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	
5	11.0	0.0	4.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	3.0	9.0	12.0	0.0	0.0	0.0	0.0	3.0	6.0	0.0	40.0	0.0	
7	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	20.0	
8	0.0	0.0	48.0	20.0	0.0	0.0	18.0	0.0	0.0	36.0	0.0	0.0	
9	7.0	10.0	30.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	
10	0.0	0.0	0.0	30.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	18.0	
12	0.0	0.0	29.0	20.0	0.0	0.0	0.0	0.0	0.0	15.0	30.0	0.0	
13	14.0	0.0	10.0	52.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	20.0	0.0	22.0	
15	0.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	10.0	5.0	0.0	
16	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
17	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	2.0	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	0.6	0.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	20.0	0.0	0.0	0.0	10.0	0.0	0.0	50.0	52.0	20.0	
23	0.0	0.0	0.0	40.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	
26	50.0	0.0	13.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
28	8.0	0.0	0.0	38.0	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	20.0	0.0	0.0	0.0	30.0	5.0	0.0	
30	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	20.0	
Total D.Ll.	184.0 11	39.0 3	224.0 12	342.0 12	137.0 6	50.0 3	38.0 3	5.0 2	10.0 3	227.0 10	179.0 9	199.0 11	
TOTALES ANUALES										1634.0 mm.		Días lluvia	85

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

ESTACION: MONTELIBANO

MUNICIPIO: ACACIAS

AÑO: 1.983

ALTITUD: €10

LATITUD: 4-02 N.

LONGITUD: 73-45 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	2.0	24.0	2.0	11.0	0.0	5.0				
2	2.0	0.0	0.0	70.0	39.0	16.5	58.0	25.0				
3	0.0	0.0	0.0	5.0	7.0	29.5	69.0	28.5				
4	0.0	0.0	0.0	15.0	21.0	33.5	0.0	0.0				
5	0.0	0.0	0.0	16.0	16.0	23.5	0.0	0.0				
6	5.0	0.0	0.0	36.0	13.0	8.5	5.0	1.5				
7	15.0	0.0	0.0	1.0	8.0	0.0	20.0	9.5				
8	0.0	0.0	0.0	2.0	8.0	16.5	6.5	0.0				
9	0.0	0.0	0.0	8.0	2.0	24.0	0.0	0.0				
10	2.0	0.0	0.0	9.0	0.0	23.5	12.0	36.5				
11	13.0	0.0	0.0	21.0	0.0	29.0	23.0	8.5				
12	2.0	0.0	17.0	145.0	72.0	8.5	40.5	1.5				
13	0.0	0.0	3.0	3.0	15.0	0.0	0.0	0.0				
14	0.0	0.0	0.0	1.0	45.0	0.0	0.0	6.5				
15	0.0	0.0	0.0	5.0	0.0	54.5	0.0	1.5				
16	0.0	0.0	1.0	9.0	13.5	0.0	0.0	1.5				
17	1.0	0.0	0.0	1.0	4.0	0.0	18.5	38.5				
18	1.0	0.0	0.0	1.0	1.0	0.0	0.0	22.5				
19	5.0	0.0	39.0	69.0	72.0	29.5	4.0	5.5				
20	0.0	56.0	4.0	0.0	60.0	11.5	24.5	11.0				
21	0.0	1.0	14.0	0.0	71.0	40.5	10.5	15.0				
22	0.0	1.0	4.0	6.0	15.0	0.0	0.0	0.0				
23	0.0	54.0	3.0	10.0	54.0	0.0	0.0	48.0				
24	0.0	6.0	0.0	42.0	13.0	3.5	0.0	3.0				
25	0.0	8.0	0.0	6.0	3.0	0.0	18.5	0.0				
26	0.0	6.0	20.0	58.5	2.0	40.5	0.0	0.0				
27	0.0	4.0	0.0	45.0	10.0	25.0	0.0	13.5				
28	0.0	6.0	0.0	22.0	13.0	14.0	20.5	0.0				
29	0.0	0.0	0.0	9.0	6.5	38.5	28.0	0.0				
30	0.0	0.0	0.0	10.0	14.0	0.0	30.5	2.5				
31	0.0	0.0	0.0	0.0	19.0	0.0	13.5	0.0				
Total D. Ll.	46.0	142.0	107.0	649.5	619.0	481.5	402.5	285.0				
TOTALES ANUALES	9	9	10	28	28	20	17	20				Días Iluvia 141

ESTACION: MARINGA  
ALTITUD: 540

MUNICIPIO: ACACIAS  
LATITUD: 4-00 N.

AÑO: 1.983  
LONGITUD: 73-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	40.0	120.0	20.0	25.0	10.0	15.0	0.0	20.0	0.0	0.0
2	0.0	0.0	0.0	0.0	10.0	0.0	25.0	15.0	5.0	60.0	0.0	0.0
3	20.0	0.0	0.0	0.0	20.0	0.0	20.0	50.0	0.0	23.0	0.0	0.0
4	0.0	0.0	0.0	25.0	0.0	20.0	30.0	0.0	10.0	0.0	40.0	0.0
5	0.0	0.0	0.0	0.0	60.0	35.0	0.0	0.0	0.5	0.0	10.0	0.0
6	0.0	0.0	0.0	70.0	0.0	0.0	0.0	0.0	0.0	48.0	0.0	5.0
7	0.0	0.0	0.0	10.0	0.0	25.0	0.0	0.0	30.0	0.0	30.0	15.0
8	10.0	0.0	0.0	0.0	10.0	18.0	0.0	0.0	0.0	10.0	0.0	5.0
9	0.0	0.0	0.0	80.0	30.0	22.0	0.0	0.0	0.0	0.0	25.0	15.0
10	0.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	40.0	0.0	80.0	16.0
11	8.0	0.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	10.0
12	0.0	0.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
13	0.0	0.0	30.0	60.0	40.0	0.0	23.0	0.0	0.0	20.0	40.0	40.0
14	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	15.0
15	0.0	0.0	0.0	0.0	0.0	90.0	0.0	15.0	20.0	50.0	0.0	0.0
16	0.0	0.0	0.0	3.0	0.0	0.0	10.0	0.0	20.0	0.0	0.0	10.0
17	7.0	0.0	0.0	2.0	18.0	0.0	0.0	75.0	0.0	0.0	0.0	0.0
18	15.0	0.0	0.0	0.0	0.0	25.0	0.0	0.5	0.0	0.0	50.0	0.0
19	0.0	0.0	10.0	0.0	10.0	40.0	0.8	0.0	90.0	10.0	0.0	0.0
20	0.0	50.0	20.0	48.0	10.0	40.0	0.5	0.0	0.0	0.0	0.0	74.0
21	0.0	10.0	5.0	0.0	50.0	25.0	80.0	10.0	84.0	0.0	40.0	30.0
22	0.0	40.0	35.0	0.0	50.0	0.0	0.0	0.0	100.0	0.0	40.0	0.0
23	0.0	20.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	80.0	0.0
24	0.0	0.0	0.0	10.0	50.0	45.0	15.0	0.0	70.0	0.0	25.0	30.0
25	0.0	0.0	0.0	10.0	45.0	0.0	0.0	0.0	0.0	0.0	80.0	10.0
26	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	45.0	0.0	65.0	0.0
27	0.0	10.0	0.0	40.0	10.0	50.0	0.0	0.8	100.0	0.0	0.0	0.0
28	0.0	0.0	0.0	90.0	20.0	10.0	46.0	15.0	50.0	50.0	5.0	0.0
29	0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0	30.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
Total D. Ll.	60.0	220.0	140.0	698.0	453.0	511.0	330.7	210.8	370.0	616.0	650.0	295.0
TOTALES ANUALES	5	5	6	16	16	17	13	9	12	13	16	14

4554.5 mm.

142 Dias Iluvia

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

ESTACION: LA LAGUNA

MUNICIPIO: CONVENCION

AÑO: 1.983

ALTITUD: 1.250

LATITUD: 8-32 N.

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	5.0	24.0	0.0	0.0	4.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	4.0	6.0	13.0	8.0	0.0	0.0	20.0	
3	0.0	0.0	0.0	0.0	0.0	38.0	0.0	10.0	0.0	0.0	0.0	11.0	
4	0.0	0.0	0.0	0.5	4.0	1.0	9.0	28.0	0.0	4.0	0.0	4.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	4.0	25.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	28.0	0.0	0.0	0.0	5.0	0.0	15.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	2.0	0.0	3.0	10.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	13.0	0.0	0.0	11.0	0.0	5.0	0.0	5.0	0.0	2.0	
9	0.0	0.0	0.0	3.0	0.0	8.0	0.0	0.0	8.0	0.0	3.0	0.0	
10	0.0	0.0	0.0	4.0	0.0	22.0	11.0	6.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	3.0	0.0	18.0	10.0	0.0	2.0	14.0	0.0	0.0	
12	0.0	0.0	0.0	10.0	3.0	7.0	0.0	0.0	4.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	4.0	11.0	0.0	5.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	6.0	10.0	0.0	0.0	10.0	0.0	0.0	
15	0.0	0.0	0.0	5.0	28.0	0.0	2.0	0.0	6.0	6.0	0.0	0.0	
16	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
17	0.0	18.0	6.0	29.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	19.0	
18	0.0	0.0	3.0	0.0	0.0	0.0	0.0	30.0	10.0	8.0	4.0	0.0	
19	0.0	0.0	0.0	33.0	0.0	5.0	0.0	18.0	2.0	0.0	6.0	0.0	
20	0.0	0.0	0.0	32.0	0.0	0.0	6.0	48.0	10.0	9.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	4.0	0.0	4.0	0.0	5.0	7.0	0.0	0.0	
22	0.0	0.0	0.0	18.0	8.0	6.0	3.0	0.0	3.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	7.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	8.0	0.0	10.0	0.0	10.0	4.0	6.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	2.0	3.0	0.0	0.0	
26	0.0	0.0	7.0	0.0	3.0	6.0	10.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	4.0	10.0	0.0	0.0	10.0	2.0	0.0	
28	0.0	5.0	0.0	36.0	2.0	0.0	5.0	5.0	0.0	0.0	4.0	0.0	
29	0.0	0.0	0.0	36.0	0.0	8.0	0.0	21.0	0.0	2.0	1.0	0.0	
30	0.0	0.0	0.0	9.0	0.0	4.0	0.0	16.0	0.0	0.0	2.0	0.0	
31	0.0	0.0	0.0	0.0	4.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	
Total D.LL.	0	23.0	57.0	245.5	62.0	178.0	123.0	264.0	103.0	88.0	32.0	56.0	
TOTALES ANUALES											1231.5 mm.		Dias lluvia
													128

ESTACION: CONCENTRACION AGRICOLA

MUNICIPIO: LCLRDOS

AÑO: 1.983

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	4.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	10.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
4	0.0	6.0	0.0	2.0	4.0	12.0	0.0	0.0	0.0	0.0	24.0	0.0	
5	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	
8	0.0	10.0	8.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	2.0	0.0	20.0	6.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	
12	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	12.0	0.0	
13	6.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
14	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	
15	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.0	16.0	16.0	
16	2.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	10.0	0.0	0.0	
17	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
19	0.0	0.0	4.0	0.0	0.0	0.0	0.0	24.0	0.0	14.0	0.0	14.0	
20	6.0	10.0	0.0	0.0	24.0	0.0	14.0	0.0	14.0	0.0	20.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	16.0	0.0	
22	0.0	0.0	0.0	14.0	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	2.0	0.0	
24	0.0	0.0	0.0	8.0	0.0	0.0	22.0	0.0	0.0	0.0	20.0	0.0	
25	0.0	12.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	
26	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	
27	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	
28	0.0	2.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	36.0	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	8.0	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	6.0	
Total D.LL.	36.0	50.0	18.0	50.0	44.0	62.0	52.0	24.0	86.0	146.0	168.0	74.0	
TOTALES ANUALES											810.0 mm.		Dias lluvia
													68

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

ESTACION: VIVERO

MUNICIPIO: GUIMBAYA

AÑO: 1.983

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	8.0	2.0	0.0	0.0	0.0	2.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	2.5	0.0	5.0	0.0	13.0	43.5	4.0	
3	9.0	0.0	0.0	0.0	0.0	29.0	0.0	3.0	0.0	3.5	0.0	13.0	
4	11.0	0.0	0.0	0.0	0.0	5.0	11.0	1.0	0.0	0.0	12.0	0.0	
5	0.0	0.0	0.0	1.0	21.0	17.0	0.0	6.0	37.5	0.0	0.0	0.0	
6	2.0	0.0	7.0	6.0	0.0	1.0	1.0	1.0	34.5	0.0	4.0	4.0	
7	5.0	0.0	4.5	35.0	1.5	29.0	3.0	0.0	0.0	0.0	0.5	0.5	
8	0.0	0.0	4.0	8.0	0.0	5.0	16.0	0.0	5.0	14.0	0.0	0.0	
9	0.0	0.0	1.0	5.0	18.5	0.0	2.0	0.0	0.0	0.0	0.0	31.0	
10	0.0	0.0	4.0	27.0	0.0	0.0	0.0	0.0	1.5	1.0	1.0	0.5	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	
12	0.0	0.0	8.0	20.0	4.0	2.0	0.0	5.5	0.0	12.0	23.0	16.0	
13	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	
14	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	6.0	3.0	18.0	0.5	
15	0.0	0.0	5.0	18.0	21.0	0.0	14.0	0.0	1.0	11.0	0.0	1.0	
16	0.0	0.0	4.0	0.0	2.5	0.0	1.0	0.0	1.5	2.0	0.0	22.0	
17	0.0	0.0	4.0	17.0	61.0	0.0	0.0	0.0	3.0	0.0	6.0	0.0	
18	0.0	0.0	0.0	22.0	7.0	0.0	0.0	0.0	0.5	2.0	0.0	33.0	
19	0.0	0.0	3.5	0.0	0.0	0.0	7.5	0.0	0.0	3.0	0.0	7.0	
20	0.0	0.0	0.0	29.0	2.0	0.0	0.0	16.0	0.0	21.0	0.0	0.0	
21	0.0	0.0	0.0	8.0	4.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	15.5	0.0	28.0	0.0	3.0	4.0	2.0	1.0	
23	0.0	0.0	1.5	35.0	0.0	0.0	0.0	0.0	0.0	0.0	49.5	0.5	
24	0.0	0.0	56.0	0.0	3.0	0.0	0.0	21.0	0.0	0.0	0.0	24.0	
25	0.0	0.0	2.0	11.0	0.0	0.0	0.0	2.0	0.0	3.5	0.0	0.0	
26	2.0	0.0	52.0	35.0	2.0	0.0	0.0	0.0	7.0	0.0	15.0	4.0	
27	6.0	0.0	0.0	6.0	2.0	2.0	0.0	1.5	0.0	18.0	27.0	0.0	
28	0.0	2.0	0.0	0.0	31.0	3.0	0.0	0.0	11.0	27.0	8.0	0.0	
29	0.0	0.0	51.0	25.0	0.0	0.0	0.0	2.0	10.5	15.0	4.0	10.0	
30	9.5	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	4.0	8.0	7.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.5	
Total D. LL.	64.5 7	59.5 5	217.0 15	349.5 21	226.0 16	86.5 10	86.5 10	66.5 12	144.0 14	157.0 17	224.0 17	192.5 20	
TOTALES ANUALES											1872.5 mm.	164	Dias lluvia

ESTACION: EL ROCIO

MUNICIPIO: GUIMBAYA

AÑO: 1.983

ALTITUD:

LATITUD: 4-34 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	4.0	0.0	0.0	0.0	9.0	42.0	3.0	
2	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	5.0	0.0	15.0	
3	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	14.0	0.0	
4	0.0	32.0	0.0	20.0	10.0	0.0	0.0	0.0	46.0	0.0	0.0	5.0	
5	0.0	0.0	9.0	9.0	0.0	24.0	16.0	15.0	48.0	0.0	9.0	0.0	
6	0.0	2.0	3.0	18.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	21.0	21.0	0.0	4.0	17.0	0.0	0.0	
8	0.0	0.0	0.0	6.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	6.0	0.0	17.0	0.0	0.0	0.0	0.0	9.0	0.0	47.0	
10	0.0	0.0	0.0	18.0	0.0	0.0	1.0	0.0	0.0	0.0	2.0	0.0	
11	0.0	0.0	10.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	16.0	
12	0.0	0.0	0.0	20.0	3.0	0.0	0.0	0.0	0.0	14.0	23.0	21.0	
13	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	9.0	5.0	15.0	0.0	
14	0.0	0.0	4.0	7.0	20.0	0.0	16.0	0.0	0.0	13.0	0.0	0.0	
15	0.0	0.0	3.0	0.0	0.0	0.0	1.0	0.0	0.0	2.0	0.0	22.0	
16	6.0	0.0	18.0	26.0	85.0	0.0	0.0	0.0	1.0	0.0	6.0	0.0	
17	0.0	2.0	0.0	21.0	7.0	0.0	0.0	0.0	0.0	4.0	0.0	39.0	
18	0.0	8.0	0.0	0.0	2.0	0.0	9.0	25.0	0.0	3.0	0.0	7.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	30.0	0.0	0.0	
20	0.0	0.0	0.0	15.0	8.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	1.0	4.0	0.0	0.0	
22	0.0	0.0	0.0	6.0	35.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
23	0.0	0.0	7.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	53.0	25.0	
24	0.0	0.0	2.0	12.0	17.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
25	0.0	0.0	51.0	20.0	0.0	3.0	0.0	0.0	0.0	0.0	13.0	2.0	
26	39.0	0.0	0.0	8.0	5.0	4.0	8.0	0.0	0.0	30.0	26.0	0.0	
27	1.0	3.0	0.0	0.0	29.0	6.0	0.0	0.0	39.0	33.0	8.0	0.0	
28	0.0	1.0	24.0	0.0	0.0	0.0	0.0	0.0	12.0	18.0	4.0	27.0	
29	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	10.0	0.0	
30	2.0	0.0	0.0	9.0	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	8.0	0.0	0.0	0.0	0.0	4.0	0.0	88.0	
Total D. LL.	63.0 6	71.0 6	213.0 14	269.0 15	258.0 14	95.0 8	104.0 9	62.0 4	182.0 10	218.0 19	225.0 13	317.0 13	
TOTALES ANUALES											2077.0 mm.	131	Dias lluvia

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

ESTACION: AMAZONAS

MUNICIPIO: FILANDIA

AÑO: 1.983

ALTITUD:

LATITUD: 4-38 N.

LONGITUD: 75-39 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1			0.0	5.0	1.0	0.0	0.0	0.0	5.0	18.0	0.0	0.0
2			0.0	6.0	2.0	13.0	5.0	5.0	0.0	15.0	0.0	0.0
3			30.0	10.0	0.0	20.0	0.0	20.0	3.0	0.0	0.0	0.0
4			0.0	25.0	1.0	0.0	0.0	9.0	23.0	0.0	0.0	0.0
5			0.0	11.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6			0.0	5.0	0.0	5.0	0.0	0.0	0.0	5.0	0.0	0.0
7			0.0	8.0	4.0	40.0	0.0	0.0	4.0	0.0	0.0	0.0
8			0.0	30.0	0.0	20.0	15.0	0.0	0.0	0.0	0.0	20.0
9			0.0	0.0	12.0	0.0	20.0	0.0	2.0	4.0	30.0	0.0
10			0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0
11			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12			115.0	32.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13			0.0	20.0	3.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
14			0.0	0.0	5.0	0.0	12.0	0.0	0.0	47.0	0.0	0.0
15			0.0	23.0	58.0	0.0	5.0	0.0	3.0	0.0	0.0	0.0
16			35.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0
17			35.0	21.0	72.0	0.0	0.0	0.0	4.0	20.0	0.0	0.0
18			0.0	5.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	85.0
19			0.0	10.0	0.0	0.0	0.0	25.0	0.0	13.0	0.0	0.0
20			35.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21			20.0	10.0	6.0	0.0	3.0	0.0	9.0	0.0	0.0	0.0
22			25.0	0.0	50.0	3.0	0.0	0.0	0.0	22.0	0.0	0.0
23			0.0	50.0	50.0	0.0	0.0	10.0	0.0	3.0	72.0	10.0
24			28.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	20.0
25			0.0	25.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	20.0
26			0.0	31.0	23.0	0.0	0.0	3.0	10.0	14.0	0.0	10.0
27			0.0	5.0	13.0	0.0	0.0	10.0	3.0	10.0	0.0	10.0
28			0.0	0.0	40.0	15.0	0.0	1.0	11.0	15.0	17.0	20.0
29			0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
30			95.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	94.0	10.0
31			0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
Total D. Ll.			418.0	406.0	364.0	155.0	60.0	83.0	101.0	231.0	244.0	235.0
			9	23	18	8	6	8	14	14	6	11

TOTALES ANUALES

mm.

Días  
lluvia

ESTACION: LA ILUSION

MUNICIPIO: CIRCASIA

AÑO: 1.983

ALTITUD: 1.500

LATITUD: 4-36 N.

LONGITUD: 75-39 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	0.0	0.0	0.0	20.0	20.0	10.0	0.0
2	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	40.0
3	30.0	0.0	0.0	10.0	10.0	0.0	0.0	10.0	0.0	0.0	0.0	20.0
4	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	60.0	10.0
5	0.0	40.0	0.0	20.0	5.0	0.0	0.0	0.0	30.0	10.0	0.0	40.0
6	0.0	0.0	50.0	10.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
7	0.0	0.0	40.0	90.0	6.0	0.0	0.0	0.0	30.0	0.0	10.0	15.0
8	0.0	0.0	30.0	50.0	0.0	0.0	0.0	0.0	60.0	0.0	0.0	20.0
9	0.0	0.0	40.0	40.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	15.0
10	4.0	0.0	20.0	4.0	10.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	30.0	0.0	0.0	30.0	0.0	10.0	10.0	10.0	10.0
12	0.0	0.0	10.0	20.0	30.0	0.0	0.0	10.0	0.0	60.0	5.0	0.0
13	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0
14	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	10.0	10.0	0.0	0.0
15	0.0	0.0	0.0	5.0	60.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0
16	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	20.0
17	0.0	0.0	20.0	10.0	50.0	0.0	0.0	0.0	20.0	0.0	70.0	30.0
18	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
19	0.0	20.0	0.0	5.0	40.0	17.0	0.0	0.0	0.0	10.0	20.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	40.0	0.0	21.0
21	0.0	0.0	10.0	30.0	0.0	0.0	0.0	0.0	10.0	0.0	20.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	14.0	0.0	10.0
23	0.0	0.0	20.0	70.0	20.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0
24	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	20.0	0.0	10.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0
26	0.0	0.0	60.0	10.0	15.0	0.0	0.0	0.0	0.0	10.0	10.0	30.0
27	20.0	0.0	0.0	0.0	10.0	0.0	0.0	30.0	10.0	60.0	0.0	0.0
28	0.0	10.0	0.0	0.0	30.0	10.0	0.0	0.0	0.0	40.0	10.0	10.0
29	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	20.0	20.0	20.0
30	20.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	50.0	20.0	0.0
31	20.0	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.	109.0	70.0	360.0	434.0	281.0	103.0	65.0	100.0	210.0	424.0	322.0	331.0
	7	3	12	18	15	5	3	5	10	15	14	17

TOTALES ANUALES

2805.0 mm.

124  
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:

1.983

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	2.0	10.0	0.0	
2	0.5	0.0	5.0	0.0	12.0	0.0	0.0	0.0	0.0	10.0	15.0	12.0	
3	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	2.0	0.0	35.0	
4	3.0	0.0	11.0	0.0	11.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	
5	0.0	3.0	0.0	21.0	12.0	1.0	0.0	22.0	17.0	0.0	0.0	3.0	
6	0.0	19.0	0.5	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	25.0	
7	0.0	36.0	1.0	32.0	1.0	4.0	5.0	0.0	0.0	0.0	0.0	2.0	
8	0.0	0.0	44.0	10.0	0.0	5.0	24.0	0.0	7.0	48.0	0.0	0.0	
9	0.0	0.0	31.0	12.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	10.0	
10	11.0	0.0	0.0	42.0	2.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	15.0	5.0	2.0	
12	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	15.0	
13	0.0	0.0	0.0	25.0	0.0	0.0	0.0	2.0	5.0	0.0	35.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	
15	0.0	0.0	0.0	24.0	5.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	3.0	0.0	0.0	
17	0.0	0.0	35.0	8.0	43.0	0.0	0.0	0.0	0.0	0.0	81.0	20.0	
18	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.0	
19	5.0	0.0	0.0	1.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	
20	0.0	0.0	0.0	18.0	1.0	0.0	0.0	0.0	0.0	7.0	0.0	5.0	
21	0.0	0.0	0.0	11.0	0.0	0.0	0.0	5.0	19.0	0.0	2.0	3.0	
22	0.0	0.0	0.0	0.0	9.0	0.0	5.0	0.0	0.0	8.0	0.0	15.0	
23	0.0	0.0	0.0	35.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	76.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	4.0	0.0	28.0	0.0	0.0	0.0	3.0	15.0	9.0	0.0	
26	0.0	0.0	21.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	0.0	
27	0.0	0.0	3.0	0.0	2.0	0.0	0.0	25.0	10.0	20.0	51.0	0.0	
28	9.0	0.0	0.0	5.0	25.0	0.0	10.0	5.0	0.0	50.0	7.0	0.0	
29	0.0	0.0	7.0	35.0	1.0	0.0	0.0	17.0	3.0	15.0	0.0	35.0	
30	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	8.0	8.0	0.0	9.0	
31	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	
Total D. Ll.	29.0 6	58.0 3	238.5 12	355.0 20	251.0 17	55.0 4	49.0 7	104.0 9	78.0 10	293.0 16	253.0 10	265.0 17	
TOTALES ANUALES											2028.5 mm.	131	Dias lluvia

ESTACION: SORRENTO

MUNICIPIO: MONTENEGRO

AÑO:

1.983

ALTITUD: 1.250

LATITUD: 4-32 N.

LONGITUD: 75-51 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	1.0	0.0	20.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0	9.0	4.0	
3	6.0	0.0	0.0	5.0	7.0	3.0	0.0	0.0	2.0	0.0	0.0	2.0	
4	0.0	0.0	0.0	0.0	0.0	38.0	0.0	25.0	4.0	0.0	1.0	20.0	
5	0.0	0.0	0.0	50.0	3.0	2.0	0.0	3.0	0.0	0.0	2.0	25.0	
6	0.0	0.0	12.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	
7	0.0	15.0	5.0	50.0	0.0	47.0	5.0	0.0	14.0	3.0	4.0	15.0	
8	0.0	0.0	20.0	0.0	33.0	2.0	14.0	0.0	1.0	0.0	0.0	0.0	
9	0.0	0.0	7.0	24.0	0.0	0.0	4.0	0.0	0.0	2.0	0.0	15.0	
10	22.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	12.0	0.0	0.0	9.0	
11	0.0	0.0	0.0	18.0	3.0	0.0	6.0	0.0	0.0	0.0	35.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.0	0.0	1.0	
13	0.0	0.0	0.0	50.0	3.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	12.0	20.0	17.0	0.0	
15	0.0	0.0	0.0	10.0	54.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	
16	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	3.0	28.0	0.0	11.0	
17	0.0	0.0	0.0	5.0	23.0	0.0	0.0	0.0	0.0	0.0	34.0	0.0	
18	0.0	0.0	0.0	17.0	0.0	5.0	0.0	0.0	0.0	3.0	0.0	17.0	
19	7.0	0.0	0.0	10.0	15.0	0.0	7.0	0.0	0.0	5.0	15.0	1.0	
20	0.0	0.0	7.0	0.0	2.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
21	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	17.0	0.0	1.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	42.0	
23	0.0	0.0	0.0	30.0	6.0	0.0	0.0	0.0	0.0	3.0	20.0	0.0	
24	0.0	0.0	50.0	0.0	0.0	0.0	0.0	44.0	5.0	0.0	0.0	0.0	
25	0.0	0.0	10.0	44.0	5.0	0.0	0.0	0.0	9.0	2.0	0.0	0.0	
26	0.0	0.0	15.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	60.0	0.0	
27	4.0	0.0	0.0	30.0	31.0	0.0	0.0	27.0	7.0	25.0	20.0	0.0	
28	16.0	0.0	0.0	5.0	14.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	15.0	0.0	0.0	29.0	3.0	0.0	3.0	5.0	18.0	
30	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	10.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	
Total D. Ll.	55.0 5	15.0 1	146.0 10	370.0 17	255.0 17	130.0 7	57.0 7	105.0 7	87.0 12	165.0 14	245.0 16	258.0 17	
TOTALES ANUALES											1888.0 mm.	130	Dias lluvia

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

ESTACION: LA PRADERA

MUNICIPIO: ARMENIA

AÑO: 1.983

ALTITUD: 1.350

LATITUD: 4-28 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	0.0	1.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	
2	26.0	0.0	75.0	0.0	25.0	0.0	0.0	0.0	15.0	14.0	3.0	2.0	
3	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	2.0	0.0	30.0	
4	0.0	4.0	0.0	0.0	0.0	3.0	1.0	0.0	7.0	0.0	0.0	0.0	
5	3.0	0.0	2.0	46.0	12.0	0.0	0.0	3.0	35.0	0.0	0.3	10.0	
6	0.0	24.0	13.0	1.0	0.0	0.0	0.0	1.0	2.0	0.0	0.0	9.0	
7	0.0	29.0	17.0	41.0	0.0	10.0	18.0	0.0	0.0	0.0	0.0	7.0	
8	0.0	0.0	15.0	9.0	0.0	20.0	12.0	0.0	1.0	0.0	0.0	0.0	
9	0.0	0.0	7.0	4.0	1.0	0.0	4.0	0.0	0.0	0.0	1.0	12.0	
10	2.0	0.0	21.0	34.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	6.0	
11	0.0	0.0	0.0	2.0	1.0	0.0	3.0	0.0	0.0	0.0	10.0	29.0	
12	0.0	0.0	0.0	0.0	35.0	1.0	0.0	0.0	0.0	50.0	0.0	0.0	
13	0.0	0.0	3.0	37.0	0.0	1.0	0.0	0.0	0.0	0.0	50.0	0.0	
14	0.0	0.0	0.0	2.0	25.0	0.0	0.0	0.0	0.0	2.0	30.0	0.0	
15	0.0	0.0	0.0	10.0	30.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	5.0	0.0	3.0	0.0	0.0	0.0	0.0	5.0	
17	0.0	0.0	30.0	1.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	2.0	0.0	35.0	1.0	0.0	0.0	0.0	0.0	0.0	20.0	42.0	
19	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.0	6.0	19.0	
20	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	
21	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	11.0	0.0	1.0	0.0	
22	0.0	0.0	0.0	0.0	5.0	0.0	10.0	0.0	0.0	30.0	0.0	0.0	
23	0.0	0.0	2.0	25.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	24.0	0.0	1.0	0.0	0.0	0.0	0.0	3.0	30.0	0.0	
25	0.0	0.0	9.0	1.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
26	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	2.0	0.0	
27	8.0	0.0	1.0	33.0	10.0	0.0	0.0	0.0	0.0	2.0	40.0	0.0	
28	0.0	0.0	0.0	1.0	34.0	0.0	0.0	3.0	0.0	25.0	3.0	7.0	
29	0.0	0.0	31.0	15.0	0.0	0.0	0.0	3.0	0.0	17.0	2.0	10.0	
30	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	25.0	15.0	
31	4.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	21.0	
Total	48.0	59.0	271.0	304.0	280.0	35.0	51.0	10.0	89.0	254.0	223.3	224.0	
D. L.I.	7	4	16	19	17	5	7	4	8	16	15	15	
TOTALES ANUALES								184 E.3 mm.		133			Días lluvia

ESTACION: TUCUMAN  
ALTITUD: 1.250

MUNICIPIO: ARMENIA  
LATITUD: 4-32 N.

AÑO: 1.983  
LONGITUD: 75-44 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	20.0	21.0	7.0	0.0	
2	1.0	0.0	10.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	
3	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	2.0	0.0	0.0	15.0	
4	0.0	0.0	5.0	0.0	0.0	0.0	0.0	7.0	5.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	
6	0.0	6	0.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	7.0	
7	0.0	0.0	25.0	50.0	0.0	15.0	11.0	0.0	0.0	23.0	0.0	0.0	
8	0.0	0.0	35.0	20.0	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	40.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	26.0	0.0	
13	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	35.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	45.0	10.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	
18	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	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	6.0	5.0	
21	0.0	0.0	0.0	10.0	0.0	0.0	5.0	0.0	20.0	26.0	7.0	24.0	
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	4.0	20.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
24	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	
25	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	14.0	
26	0.0	0.0	30.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	21.0	0.0	
27	0.0	0.0	0.0	25.0	10.0	0.0	0.0	4.0	0.0	98.0	0.0	0.0	
28	10.0	0.0	0.0	0.0	30.0	0.0	4.0	0.0	2.0	0.0	0.0	11.0	
29	0.0	0.0	5.0	15.0	0.0	0.0	0.0	0.0	0.0	52.0	0.0	0.0	
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	20.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	8.0	0.0	21.0	
Total	11.0	85.0	290.0	305.0	240.0	75.0	30.0	42.0	57.0	300.0	129.0	229.0	
D. L.I.	2	2	11	13	8	4	4	5	6	12	8	14	
TOTALES ANUALES								1793.0 mm.		89			Días lluvia

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

ESTACION: EL PARAISO

MUNICIPIO: CALARCA

AÑO:

1.983

ALTITUD: 1.400

LATITUD: 4-30 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	10.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
2	32.0	0.0	38.0	0.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	30.0
4	0.0	5.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	2.0
5	0.0	44.0	0.0	15.0	4.0	0.0	1.0	0.0	13.0	0.0	0.0	24.0
6	0.0	35.0	28.0	0.0	2.0	0.0	1.0	0.0	5.0	0.0	2.0	13.0
7	0.0	0.0	0.0	16.0	0.0	20.0	0.0	0.0	0.0	0.0	1.0	2.0
8	0.0	50.0	38.0	30.0	5.0	8.0	0.0	0.0	2.0	2.0	0.0	0.0
9	0.0	0.0	9.0	6.0	8.0	0.0	3.0	0.0	0.0	0.0	0.0	5.0
10	1.0	0.0	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	2.0	3.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0
12	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	46.0	0.0	12.0
13	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	3.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0
15	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
16	0.0	0.0	0.0	5.0	1.0	0.0	0.0	0.0	0.0	0.0	3.0	22.0
17	0.0	0.0	31.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	16.0
18	0.0	2.0	0.0	50.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
19	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0
20	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
21	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	7.0	0.0	0.0	13.0
22	0.0	0.0	0.0	0.0	4.0	0.0	1.0	0.0	0.0	0.0	51.0	16.0
23	0.0	0.0	0.0	28.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	30.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	10.0	2.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0
26	0.0	0.0	31.0	0.0	2.0	4.0	0.0	0.0	0.0	6.0	14.0	5.0
27	12.0	0.0	0.0	0.0	1.0	0.0	0.0	13.0	0.0	10.0	16.0	0.0
28	0.0	0.0	0.0	10.0	34.0	0.0	0.0	2.0	0.0	26.0	1.0	0.0
29	0.0	0.0	21.0	16.0	0.0	0.0	0.0	0.0	0.0	10.0	11.0	23.0
30	33.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	12.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0
<b>Total</b>	<b>78.0</b>	<b>136.0</b>	<b>242.0</b>	<b>232.0</b>	<b>164.0</b>	<b>55.0</b>	<b>14.0</b>	<b>31.0</b>	<b>28.0</b>	<b>215.0</b>	<b>171.0</b>	<b>230.0</b>
<b>D. LL.</b>	<b>4</b>	<b>5</b>	<b>11</b>	<b>15</b>	<b>16</b>	<b>7</b>	<b>5</b>	<b>3</b>	<b>5</b>	<b>14</b>	<b>12</b>	<b>17</b>
<b>TOTALES ANUALES</b>	<b>1596.0 mm.</b>										<b>118</b>	<b>Dias lluvia</b>

ESTACION: QUEERADANEGRA  
ALTITUD: 1.500

MUNICIPIO: CALARCA  
LATITUD: 4-31 N.

AÑO:

1.983

LONGITUD: 75-38 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	10.0	20.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	5.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
3	0.0	5.0	0.0	0.0	0.0	10.0	0.0	0.0	1.0	3.0	0.0	0.0
4	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
5	0.0	0.0	7.0	7.0	0.0	2.0	0.0	0.0	10.0	0.0	0.0	7.0
6	0.0	10.0	0.0	0.0	10.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
7	0.0	4.0	0.0	4.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	10.0
9	0.0	0.0	11.0	15.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	10.0
10	2.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	6.0	11.0
11	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	2.0
12	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0	5.0
13	0.0	0.0	17.0	0.0	0.0	7.0	0.0	1.0	0.0	0.0	41.0	15.0
14	0.0	0.0	0.0	17.0	50.0	0.0	0.0	1.0	0.0	21.0	0.0	10.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	28.0	0.0	6.0
16	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	3.0	10.0
17	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	3.0	0.0	2.0	12.0
18	0.0	0.0	15.0	5.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	30.0
19	0.0	0.0	0.0	3.0	25.0	0.0	0.0	0.0	0.0	3.0	0.0	40.0
20	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	0.0
21	0.0	0.0	0.0	15.0	20.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0
22	0.0	0.0	0.0	20.0	15.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
23	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
24	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
25	0.0	0.0	10.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
26	0.0	0.0	15.0	0.0	40.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
27	1.0	0.0	0.0	0.0	47.0	0.0	0.0	0.0	0.0	10.0	4.0	0.0
28	0.0	0.0	0.0	2.0	0.0	0.0	0.0	10.0	1.0	9.0	3.0	6.0
29	0.0	0.0	0.0	50.0	0.0	0.0	0.0	3.0	0.0	8.0	6.0	0.0
30	0.0	0.0	0.0	5.0	0.0	0.0	0.0	3.0	0.0	10.0	3.0	30.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
<b>Total</b>	<b>17.0</b>	<b>71.0</b>	<b>135.0</b>	<b>167.0</b>	<b>337.0</b>	<b>39.0</b>	<b>0.0</b>	<b>27.5</b>	<b>30.0</b>	<b>195.0</b>	<b>136.0</b>	<b>273.0</b>
<b>D. LL.</b>	<b>5</b>	<b>8</b>	<b>9</b>	<b>16</b>	<b>12</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>8</b>	<b>16</b>	<b>12</b>	<b>16</b>
<b>TOTALES ANUALES</b>	<b>1427.5 mm.</b>										<b>116</b>	<b>Dias lluvia</b>

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

ESTACION: LA ARGENTINA

MUNICIPIO: LA TEBAIDA

AÑO: 1.983

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	12.5	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	22.0	0.0	3.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	25.0	
4	0.0	32.0	0.0	0.0	0.0	34.0	0.0	0.0	0.0	5.0	0.0	15.0	
5	0.0	18.0	2.0	9.0	0.0	0.0	0.0	6.0	27.0	0.0	2.0	2.0	
6	0.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	46.0	
7	0.0	0.0	15.0	0.0	2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	19.0	20.0	2.0	21.0	30.0	0.0	0.0	12.0	0.0	0.0	
9	0.0	0.0	32.0	34.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	41.0	
10	0.0	0.0	12.0	0.0	4.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	46.0	0.0	0.0	0.0	0.0	0.0	5.0	31.0	12.0	
12	0.0	0.0	0.0	1.0	8.0	0.0	0.0	0.0	0.0	50.0	0.0	4.0	
13	0.0	0.0	2.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	
14	0.0	0.0	0.0	2.0	28.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	
15	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	3.0	12.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	5.0	0.0	3.0	0.0	5.0	0.0	0.0	30.0	
17	0.0	0.0	22.0	22.0	36.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	
18	0.0	0.0	0.0	3.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	13.0	
19	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	1.0	
20	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	40.0	0.0	1.0	
21	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	10.0	2.0	0.0	22.0	0.0	0.0	
23	0.0	0.0	0.0	24.0	41.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
25	0.0	0.0	2.0	0.0	4.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	
26	0.0	0.0	18.0	5.0	0.0	0.0	0.0	0.0	8.0	15.0	0.0	0.0	
27	27.5	0.0	0.0	5.0	8.0	0.0	0.0	3.0	0.0	0.0	19.0	0.0	
28	0.0	0.0	0.0	19.0	6.0	0.0	0.0	4.0	0.0	34.0	0.0	0.0	
29	0.0	0.0	0.0	24.0	0.0	0.0	12.0	0.0	0.0	2.0	27.0	22.0	
30	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	29.0	
31	2.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	
Total	42.0	50.0	133.0	296.0	228.0	64.0	57.0	15.0	62.0	254.0	139.0	287.0	
D. LI.	3	2	10	19	15	4	5	4	6	17	8	16	
TOTALES ANUALES											1627.0 mm.	109	Días lluvia

ESTACION: LA MIRANDA

MUNICIPIO: LA TEBAIDA

AÑO: 1.983

ALTITUD: 1.220

LATITUD: 4-26 N.

LONGITUD: 75-50 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	5.0	0.0	1.0	0.0	
2	0.0	0.0	1.0	0.0	20.0	10.0	0.0	0.0	11.0	6.0	5.0	25.0	
3	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	
4	0.0	44.0	0.0	11.0	0.0	44.0	0.0	0.0	1.0	5.0	0.0	6.0	
5	1.0	20.0	0.0	35.0	4.0	0.0	0.0	1.0	15.0	0.0	0.0	11.0	
6	0.0	1.0	1.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	
7	0.0	11.0	5.0	28.0	0.0	10.0	35.0	0.0	0.0	0.0	0.0	30.0	
8	0.0	0.0	23.0	24.0	0.0	2.0	11.0	0.0	0.0	11.0	0.0	0.0	
9	0.0	22.0	30.0	51.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	11.0	
10	1.0	0.0	1.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	10.0	
12	0.0	0.0	0.0	0.0	1.0	23.0	0.0	0.0	0.0	48.0	1.0	48.0	
13	0.0	0.0	1.0	11.0	2.0	1.0	0.0	0.0	0.0	0.0	19.0	0.0	
14	0.0	0.0	0.0	13.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	
15	0.0	0.0	0.0	10.0	3.0	0.0	0.0	0.0	0.0	5.0	3.0	0.0	
16	3.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	9.0	0.0	5.0	
17	0.0	0.0	4.0	10.0	29.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
18	0.0	0.0	0.0	34.0	31.0	0.0	0.0	0.0	0.0	21.0	0.0	15.0	
19	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	
20	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0	1.0	2.0	
21	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	1.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	1.0	0.0	0.0	
23	0.0	0.0	11.0	56.0	1.0	0.0	0.0	0.0	0.0	0.0	47.0	0.0	
24	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	
25	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	13.0	0.0	
26	0.0	0.0	30.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
27	0.0	1.0	11.0	1.0	21.0	0.0	0.0	2.0	11.0	0.0	6.0	0.0	
28	0.0	0.0	0.0	3.0	35.0	0.0	0.0	0.0	0.0	11.0	5.0	0.0	
29	0.0	0.0	0.0	19.0	0.0	0.0	1.0	0.0	0.0	8.0	0.0	3.0	
30	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	42.0	
31	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	
Total	5.0	99.0	129.0	403.0	184.0	90.0	60.0	5.0	65.0	152.0	172.0	266.0	
D. LI.	3	6	15	24	16	6	6	3	6	13	16	17	
TOTALES ANUALES											1650.0 mm.	128	Días lluvia

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

ESTACION: MONACO

MUNICIPIO: COEDCBA

AÑO: 1.983

ALTITUD: 1.300

LATITUD: 4-24 N.

LONGITUD: 75-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT	OCTUBRE	NOV	DIC.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	5.0	0.0	16.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0
3	2.0	0.0	3.0	0.0	2.0	2.0	0.0	0.0	0.0	7.0	0.0	58.0
4	0.0	5.0	0.0	0.0	0.0	16.0	1.0	0.0	0.0	0.0	0.0	7.0
5	4.0	23.0	0.0	33.0	16.0	0.0	0.0	10.0	12.0	0.0	0.0	10.0
6	0.0	27.0	0.0	4.0	0.0	0.0	0.0	0.0	1.0	0.0	6.0	21.0
7	0.0	16.0	5.0	22.0	0.0	17.0	1.0	0.0	0.0	0.0	0.0	21.0
8	0.0	2.0	11.0	25.0	0.0	8.0	8.0	0.0	0.0	0.0	0.0	5.0
9	0.0	0.0	3.0	27.0	1.0	0.0	0.0	0.0	8.0	1.0	0.0	3.0
10	0.0	0.0	5.0	36.0	1.0	2.0	0.0	0.0	0.0	1.0	3.0	2.0
11	0.0	0.0	3.0	5.0	0.0	0.0	0.0	3.0	0.0	54.0	0.0	14.0
12	0.0	0.0	0.0	23.0	5.0	1.0	0.0	0.0	0.0	1.0	55.0	0.0
13	0.0	0.0	1.0	10.0	0.0	3.0	0.0	0.0	0.0	1.0	0.0	0.0
14	0.0	0.0	1.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
15	0.0	0.0	2.0	5.0	14.0	0.0	0.0	0.0	0.0	14.0	0.0	33.0
16	0.0	0.0	4.0	0.0	10.0	0.0	1.0	0.0	2.0	4.0	0.0	0.0
17	0.0	0.0	24.0	6.0	34.0	0.0	0.0	0.0	2.0	0.0	5.0	0.0
18	0.0	1.0	0.0	32.0	1.0	0.0	0.0	0.0	0.0	5.0	0.0	52.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	13.0
20	0.0	0.0	0.0	6.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
21	0.0	0.0	0.0	8.0	22.0	0.0	0.0	0.0	10.0	0.0	9.0	18.0
22	0.0	0.0	0.0	0.0	18.0	0.0	1.0	0.0	0.0	22.0	0.0	0.0
23	0.0	0.0	1.0	19.0	34.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0
24	0.0	0.0	46.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	30.0	18.0	2.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
26	0.0	0.0	16.0	2.0	7.0	0.0	0.0	0.0	0.0	9.0	6.0	2.0
27	11.0	0.0	2.0	1.0	20.0	0.0	0.0	2.0	3.0	0.0	0.0	0.0
28	0.0	1.0	0.0	1.0	15.0	0.0	0.0	3.0	0.0	7.0	18.0	0.0
29	0.0	0.0	33.0	10.0	2.0	1.0	0.0	3.0	0.0	8.0	25.0	14.0
30	20.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	20.0
31	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	4.0	0.0	41.0
Total D. Ll.	42.0 5	75.0 7	207.0 19	297.0 21	247.0 21	50.0 8	14.0 7	21.0 5	38.0 7	169.0 18	201.0 11	360.0 19
TOTALES ANUALES											1721.0 mm.	Dias 148 lluvia

ESTACION: EL PORVENIR  
ALTITUD: 1.540

MUNICIPIO: PIJAC  
LATITUD: 4-19 N.

AÑO: 1.983  
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	30.0	13.0	0.0	15.0	0.0	0.0	10.0	0.0	0.0	3.0
3	0.0	0.0	8.0	0.0	12.0	0.0	0.0	0.0	0.0	2.0	0.0	40.0
4	0.0	0.0	0.0	25.0	0.0	2.0	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	10.0	0.0	0.0	30.0
6	0.0	13.0	5.0	10.0	0.0	3.0	0.0	0.0	11.0	0.0	0.0	20.0
7	0.0	19.0	15.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
8	0.0	0.0	2.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	26.0
9	0.0	0.0	0.0	32.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	3.0
10	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	30.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	14.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	5.0
13	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0
14	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
15	0.0	0.0	15.0	0.0	9.0	0.0	0.0	0.0	0.0	20.0	3.0	0.0
16	0.0	0.0	0.0	6.0	20.0	0.0	0.0	0.0	0.0	10.0	0.0	16.0
17	0.0	0.0	65.0	0.0	37.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
18	0.0	0.0	0.0	21.0	4.0	0.0	0.0	0.0	0.0	10.0	0.0	29.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
20	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	2.0
21	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
24	0.0	0.0	22.0	10.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
25	0.0	0.0	11.0	10.0	0.0	0.0	0.0	0.0	0.0	3.0	2.0	0.0
26	0.0	0.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0	0.0
27	8.0	0.0	1.0	3.0	10.0	0.0	6.0	5.0	0.0	0.0	1.0	0.0
28	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	10.0	0.0	32.0
29	0.0	0.0	25.0	11.0	0.0	0.0	0.0	0.0	0.0	14.0	19.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	10.0	35.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
Total D. Ll.	8.0 1	32.0 2	274.0 13	237.0 15	123.0 8	20.0 3	18.0 1	5.0 1	41.0 4	179.0 16	89.0 12	286.0 14
TOTALES ANUALES											1312.0 mm.	Dias 90 lluvia

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

ESTACION: LA ESPERANZA

MUNICIPIO: BUENAVISTA

AÑO: 1.983

ALTITUD: 1.400

LATITUD: 4-21 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	11.0	0.0	62.0	7.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0
3	0.0	0.0	4.0	0.0	3.0	0.0	0.0	0.0	0.0	2.0	1.0	14.0
4	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	4.0	26.0
5	0.0	19.0	0.0	5.0	4.0	0.0	0.0	0.0	14.0	0.0	3.0	12.0
6	0.0	6.0	19.0	10.0	0.0	1.0	0.0	0.0	2.0	0.0	1.0	0.0
7	0.0	0.0	33.0	37.0	0.0	1.0	3.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	4.0	36.0	0.0	20.0	15.0	0.0	0.0	28.0	0.0	24.0
9	0.0	0.0	0.0	7.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	27.0
10	0.0	0.0	3.0	17.0	3.0	0.0	0.0	0.0	0.0	16.0	0.0	5.0
11	0.0	0.0	0.0	3.0	0.0	0.0	0.0	2.0	0.0	0.0	15.0	14.0
12	0.0	0.0	0.0	24.5	0.0	0.0	6.0	0.0	0.0	57.0	3.0	5.0
13	0.0	0.0	0.0	45.0	0.0	2.0	0.0	0.0	0.0	2.0	5.0	0.0
14	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	1.0	9.0	0.0	0.5
15	0.0	0.0	4.0	0.0	14.0	0.0	0.0	0.0	0.0	3.0	0.0	23.0
16	0.0	0.0	0.0	4.0	21.0	3.0	0.0	0.0	0.0	0.0	8.0	7.0
17	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	12.0	0.0	46.0
18	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	14.0	0.0	9.0
19	0.0	0.0	0.0	11.0	2.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
20	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	13.0	0.0	22.0	27.0
21	0.0	0.0	0.0	0.0	61.0	0.0	30.0	0.0	1.0	59.0	0.0	6.0
22	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.0	0.0
24	3.0	0.0	0.0	6.5	4.5	2.0	0.0	0.0	0.0	8.0	0.0	0.0
25	0.0	0.0	0.0	19.5	7.0	0.0	0.0	0.0	0.0	6.0	0.5	8.0
26	0.0	0.0	53.0	1.5	13.0	0.0	0.0	29.0	0.0	3.0	30.0	0.0
27	0.0	0.0	0.0	2.0	29.0	0.0	0.0	5.0	0.0	15.0	8.0	0.0
28	0.0	0.0	26.0	11.0	1.0	0.0	0.0	0.0	0.0	9.0	9.0	18.0
29	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	8.0	11.0	9.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total D. LI.	16.0 3	25.0 2	250.0 9	321.5 23	194.0 15	51.0 7	52.0 4	36.0 3	31.0 5	260.0 18	170.5 16	328.5 20
TOTALES ANUALES	1735.5 mm.										Días 125 lluvia	

ESTACION: VILLA HORIZABA

MUNICIPIO: GENOVA

AÑO: 1.983

ALTITUD: 1.540

LATITUD: 4-12 N.

LONGITUD: 75-44 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
2	0.0	2.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	2.0	3.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
4	0.0	2.0	0.0	5.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	6.0
5	0.0	10.0	0.0	3.0	2.0	2.0	0.0	0.0	11.0	0.0	0.0	9.0
6	0.0	3.0	23.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0
7	0.0	9.0	17.0	24.0	5.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	11.0	19.0	3.0	2.0	12.0	26.0	0.0	0.0	0.0	0.0	8.0
9	0.0	3.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	5.0	7.0
11	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	5.0	7.0	18.0
12	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0	24.0	4.0	14.0
13	0.0	0.0	0.0	4.0	2.0	0.0	0.0	0.0	0.0	5.0	10.0	20.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	17.0
15	0.0	0.0	0.0	2.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	18.0	1.0	3.0	0.0	0.0	0.0	0.0	31.0	15.0	7.0
17	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	20.0	2.0
18	0.0	2.0	0.0	3.0	2.0	0.0	0.0	0.0	0.0	18.0	10.0	7.0
19	0.0	2.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0
20	0.0	3.0	0.0	5.0	2.0	0.0	0.0	0.0	0.0	0.0	18.0	14.0
21	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0
22	0.0	0.0	0.0	3.0	21.0	0.0	0.0	0.0	0.0	30.0	16.0	12.0
23	0.0	0.0	4.0	11.0	9.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
24	0.0	0.0	3.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	18.0	4.0
25	0.0	0.0	13.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	3.0	0.0	48.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0	15.0	17.0
27	4.0	0.0	17.0	2.0	6.0	0.0	0.0	10.0	0.0	0.0	21.0	4.0
28	3.0	0.0	55.0	1.0	15.0	0.0	0.0	0.0	0.0	0.0	12.0	2.0
29	2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	10.0
30	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	18.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total D. LI.	17.0 6	50.0 11	221.0 12	98.0 18	160.0 20	37.0 3	25.0 2	12.0 2	11.0 1	125.0 8	245.0 17	233.0 24
TOTALES ANUALES	1238.0 mm.										Días 124 lluvia	

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

ESTACION: EL DIAMANTE MUNICIPIO: QUINCHIA AÑO: 1.983  
 ALTITUD: 1.550 LATITUD: 5-15 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	0.0	0.0	0.0	1.0	0.0	0.0	1.0	10.0	
2	4.0	8.0	0.0	4.0	0.0	0.0	2.0	0.0	4.0	3.0	6.0	13.0	
3	7.0	0.0	0.0	0.0	0.0	3.0	5.0	7.0	0.0	0.0	1.0	0.0	
4	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.0	0.0	0.0	
5	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	0.0	0.0	
6	0.0	0.0	4.0	14.0	13.0	0.0	0.0	8.0	2.0	0.0	0.0	1.0	
7	0.0	9.0	0.0	4.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	25.0	
8	0.0	3.0	9.0	3.0	16.0	4.0	8.0	0.0	4.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	12.0	0.0	9.0	18.0	0.0	0.0	6.0	5.0	14.0	
10	9.0	0.0	1.0	10.0	0.0	7.0	9.0	0.0	0.0	0.0	39.0	19.0	
11	5.0	0.0	0.0	15.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	24.0	
12	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	1.0	2.0	0.0	0.0	
13	0.0	0.0	0.0	25.0	0.0	0.0	0.0	2.0	0.0	10.0	3.0	0.0	
14	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	0.0	4.0	8.0	0.0	
15	0.0	0.0	0.0	30.0	0.0	0.0	7.0	0.0	0.0	46.0	0.0	10.0	
16	0.0	0.0	1.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	4.0	8.0	14.0	13.0	0.0	0.0	18.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	10.0	4.0	0.0	0.0	1.0	1.0	22.0	2.0	0.0	
19	0.0	0.0	0.0	18.0	4.0	0.6	0.0	0.0	0.0	2.0	0.0	3.0	
20	0.0	0.0	0.0	0.0	3.0	0.6	0.0	11.0	0.0	3.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	47.0	0.0	0.0	0.0	
22	0.0	9.0	13.0	17.0	6.0	0.6	13.0	0.0	0.0	0.0	0.0	4.0	
23	0.0	0.0	0.0	8.0	1.0	0.0	0.0	0.5	1.0	0.0	0.0	15.0	
24	0.0	0.0	4.0	1.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	4.0	
25	0.0	0.0	24.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	3.0	0.0	1.0	40.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	27.0	0.0	0.0	30.0	0.0	5.0	0.0	1.0	
28	6.0	0.0	0.0	30.0	0.0	5.0	0.0	4.0	1.0	39.0	0.6	0.0	
29	0.0	0.0	0.0	50.0	56.0	0.6	0.0	6.0	0.0	41.0	1.0	0.0	
30	9.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	48.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.5	0.0	7.0	
Total	59.0	32.0	63.0	365.0	304.0	75.0	102.0	71.5	128.5	226.0	66.6	231.0	
D. Ll.	7	5	9	21	16	8	10	11	14	19	10	16	
TOTALES ANUALES											1727.6 mm.		Dias lluvia

ESTACION: LA GRIENTAL MUNICIPIO: QUINCHIA AÑO: 1.983  
 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	7.0	0.0	6.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	
2	5.0	0.0	0.0		0.0	12.0	0.0	0.0	2.0	0.0	15.0	5.0	
3	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	5.0	10.0	
4	10.0	10.0	0.0		0.0	30.0	10.0	10.0	4.0	0.0	0.0	8.0	
5	0.0	0.0	8.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	
6	0.0	6.0	3.0		0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
7	0.0	10.0	0.0		0.0	5.0	9.0	0.0	20.0	0.0	0.0	5.0	
8	0.0	0.0	0.0		0.0	0.0	10.0	0.0	7.0	0.0	0.0	7.0	
9	0.0	0.6	0.0		10.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0		0.0	35.0	32.0	0.0	0.0	0.0	0.0	11.0	
11	0.0	0.0	5.0		30.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	
12	5.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	
13	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	
14	0.0	0.0	0.0		2.0	0.0	5.0	0.0	0.0	31.0	0.0	0.0	
15	0.0	0.0	0.0		77.0	0.0	20.0	0.0	0.0	20.0	0.0	0.0	
16	0.0	0.0	4.0		0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	5.0		0.0	0.0	0.0	0.0	0.0	10.0	30.0	0.0	
18	0.0	0.0	0.0		0.0	0.0	5.0	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	15.0	0.0	
20	0.0	0.0	0.0		0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0		10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	17.0	3.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	3.0		10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	10.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
25	0.0	0.0	15.0		0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	13.0		13.0	0.0	0.0	0.0	10.0	0.0	5.0	0.0	
27	0.0	0.0	0.0		0.0	0.0	0.0	40.0	0.0	0.0	11.0	0.0	
28	15.0	0.0	0.0		30.0	23.0	0.0	11.0	0.0	34.0	0.0	15.0	
29	3.0	0.0	0.0		0.0	0.0	0.0	10.0	0.0	24.0	6.0	51.0	
30	14.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	8.0	0.0	3.0	
31	10.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total	69.0	43.0	62.0		182.0	138.0	91.0	88.0	33.0	173.0	140.0	180.0	
D. Ll.	8	4	10		8	7	7	6	4	9	9	15	
TOTALES ANUALES											mm.		Dias lluvia

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

ESTACION: PLANTA TRATAMIENTO

MUNICIPIO: MIETHATC

AÑO: 1.983

ALTITUD: 1.000

LATITUD: 5-17 N.

LONGITUD: 75-53 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1		0.0	8.0	0.0	10.0	10.0	0.0	0.0	3.0	2.0	0.0	0.0
2		0.0	0.0	0.0	4.0	20.0	0.0	2.0	0.0	3.0	0.0	16.0
3		0.0	0.0	5.0	0.0	10.0	0.0	28.0	7.0	8.0	7.0	9.0
4		0.0	0.0	8.0	0.0	10.0	0.0	14.0	22.0	6.0	0.0	4.0
5		0.0	0.0	15.0	12.0	0.0	0.0	19.0	18.0	4.0	0.0	20.0
6		24.0	0.0	20.0	6.0	0.0	0.0	3.0	3.0	0.0	6.0	0.0
7		0.0	0.0	0.0	8.0	0.0	0.0	0.0	27.0	0.0	3.0	40.0
8		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
9		0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	11.0	17.0	25.0
10		0.0	0.0	23.0	14.0	49.0	0.0	0.0	0.0	19.0	2.0	3.0
11		0.0	0.0	0.0	4.0	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	0.0	12.0	0.0	9.0
13		0.0	0.0	10.0	0.0	0.0	0.0	0.0	3.0	4.0	1.0	10.0
14		0.0	0.0	10.0	0.0	0.0	0.0	2.0	0.0	13.0	21.0	0.0
15		0.0	18.0	3.0	18.0	24.0	0.0	0.0	12.0	24.0	3.0	0.0
16		0.0	0.0	12.0	10.0	0.0	0.0	0.0	3.0	9.0	0.0	0.0
17		0.0	0.0	10.0	4.0	4.0	0.0	0.0	0.0	11.0	3.0	0.0
18		0.0	4.0	12.0	6.0	0.0	0.0	0.0	26.0	22.0	16.0	0.0
19		2.0	0.0	5.0	4.0	0.0	0.0	0.0	43.0	17.0	0.0	7.0
20		0.0	0.0	5.0	2.0	0.0	0.0	0.0	13.0	0.0	0.0	10.0
21		0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
22		0.0	0.0	10.0	5.0	25.0	0.0	51.0	0.0	0.0	0.0	15.0
23		0.0	0.0	8.0	0.0	6.0	0.0	0.0	3.0	0.0	0.0	0.0
24		0.0	20.0	2.0	12.0	0.0	0.0	0.0	4.0	46.0	6.0	0.0
25		0.0	18.0	5.0	10.0	3.0	0.0	0.0	8.0	4.0	0.0	0.0
26		0.0	40.0	3.0	25.0	0.0	0.0	52.0	0.0	4.0	8.0	5.0
27		0.0	0.0	12.0	10.0	0.0	0.0	0.0	0.0	54.0	10.0	0.0
28		0.0	0.0	10.0	12.0	5.0	0.0	4.0	4.0	12.0	17.0	0.0
29		0.0	15.0	14.0	8.0	0.0	0.0	7.0	7.0	2.0	22.0	0.0
30		0.0	0.0	23.0	6.0	0.0	0.0	5.0	6.0	0.0	0.0	10.0
31		0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
Total D. LI.		26.0	123.0	233.0	200.0	166.0	0.0	205.0	231.0	290.0	152.0	183.5
TOTALES ANUALES											Días lluvia	
											15	
											mm.	

ESTACION: BUENOS AIRES

MUNICIPIO: GUATICA

AÑO: 1.983

ALTITUD: 1.830

LATITUD: 5-21 N.

LONGITUD: 75-48 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	15.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	4.0	0.0
2	0.0	1.0	0.0	0.0	0.0	10.0	0.0	0.0	18.0	0.0	0.0	16.0
3	0.0	0.0	0.0	0.0	6.0	7.0	7.0	9.0	0.0	2.0	3.0	0.0
4	7.0	0.0	0.0	0.0	30.0	0.0	0.0	5.0	15.0	4.0	0.0	5.0
5	0.0	0.0	0.0	12.0	0.0	4.0	0.0	0.0	9.0	0.0	2.0	7.0
6	0.0	3.0	7.0	10.0	0.0	15.0	0.0	18.0	2.0	0.0	0.0	4.0
7	0.0	11.0	0.0	10.0	0.0	7.0	14.0	0.0	0.0	0.0	0.0	6.0
8	0.0	0.0	0.0	0.0	21.0	22.0	11.0	0.0	3.0	0.0	0.0	7.0
9	0.0	0.0	19.0	0.0	0.0	8.0	9.0	0.0	0.0	8.0	3.0	21.0
10	1.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
11	6.0	0.0	3.0	12.0	24.0	0.0	6.0	0.0	2.0	0.0	8.0	0.0
12	8.0	0.0	0.0	12.0	21.0	7.0	0.0	0.0	0.0	20.0	6.0	0.0
13	0.0	0.0	0.0	14.0	10.0	0.0	0.0	10.0	3.0	0.0	4.0	0.0
14	0.0	0.0	1.0	6.0	8.0	12.0	21.0	0.0	6.0	7.0	0.0	4.0
15	0.0	0.0	0.0	5.0	12.0	0.0	0.0	0.0	2.0	10.0	9.0	5.0
16	0.0	0.0	0.0	10.0	30.0	8.0	5.0	0.0	2.0	7.0	0.0	1.0
17	0.0	0.0	0.0	0.0	25.0	20.0	0.0	0.0	0.0	0.0	10.0	13.0
18	0.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	9.0	3.0	0.0	10.0
19	0.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	7.0	10.0	6.0	12.0
20	0.0	0.0	0.0	18.0	3.0	0.0	0.0	0.0	5.0	0.0	0.0	1.0
21	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	23.0	1.0	2.0	0.0
22	0.0	35.0	8.0	0.0	0.0	3.0	20.0	15.0	0.0	0.0	0.0	19.0
23	0.0	0.0	0.0	7.0	12.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0
24	0.0	0.0	13.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
25	2.0	0.0	7.0	6.0	20.0	0.0	0.0	3.0	16.0	32.0	10.0	0.0
26	0.0	2.0	0.0	6.0	0.0	6.0	0.0	0.0	0.0	0.0	9.0	7.0
27	1.0	0.0	7.0	22.0	15.0	0.0	0.0	35.0	0.0	3.0	17.0	0.0
28	0.0	0.0	0.0	3.0	0.0	4.0	0.0	5.0	0.0	12.0	2.0	0.0
29	0.0	0.0	0.0	3.0	20.0	10.0	0.0	2.0	0.0	12.0	1.0	0.0
30	25.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	1.0	4.0	7.0	34.0
31	0.0	0.0	15.0	0.0	0.0	0.0	29.0	0.0	0.0	2.0	0.0	6.0
Total D. LI.	50.0	52.0	127.0	194.0	291.0	130.0	132.0	111.0	125.0	145.0	103.0	203.0
TOTALES ANUALES											Días lluvia	
											167	
											mm.	

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

ESTACION: CSPIRMA MUNICIPIO: GUATICA AÑO: 1.983  
 ALTITUD: 1.680 LATITUD: 5-20 N. LONGITUD: 75-49 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT	OCTUBRE	NOV	DIC.
1	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0				
2	0.0	0.0	0.0	10.0	0.0	20.0	0.0	5.0				
3	5.0	0.0	0.0	0.0	0.5	0.0	3.0	5.0				
4	5.0	0.0	0.0	0.0	40.0	30.0	5.0	10.0				
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
6	0.0	0.5	0.0	10.0	7.0	60.0	0.0	0.0				
7	0.0	0.0	0.0	0.0	0.5	20.0	5.0	0.0				
8	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.5				
9	0.0	0.0	15.0	0.0	0.0	0.5	15.0	0.0				
10	5.0	0.0	15.0	10.0	0.0	10.0	0.0	0.0				
11	10.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0				
12	0.0	0.0	0.0	0.0	10.0	0.5	5.0	40.0				
13	0.0	0.0	0.0	15.0	0.0	0.0	10.0	0.0				
14	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0				
15	0.0	0.0	0.0	15.0	15.0	0.0	15.0	0.0				
16	0.0	0.0	0.5	16.0	0.0	0.0	0.0	0.0				
17	0.0	0.0	0.0	9.0	25.0	0.0	0.0	0.0				
18	0.0	0.0	0.5	0.0	10.0	0.0	1.0	0.0				
19	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0				
20	0.0	0.0	0.0	20.0	15.0	0.0	0.0	10.0				
21	0.0	0.0	0.0	10.0	0.0	0.0	5.0	0.0				
22	0.0	20.0	0.5	0.0	0.0	0.5	30.0	15.0				
23	0.0	0.0	0.0	0.0	10.0	0.0	0.0	10.0				
24	0.0	0.0	0.0	0.0	0.5	0.0	0.0	5.0				
25	0.0	0.0	0.0	10.0	0.5	0.0	0.0	0.0				
26	0.0	0.5	0.0	0.0	10.0	0.0	0.0	0.0				
27	15.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0				
28	0.0	0.0	0.0	0.0	45.0	0.0	0.0	5.0				
29	20.0	0.0	0.0	16.0	0.5	1.0	15.0	0.0				
30	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0				
31	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0				
<b>Total</b>	<b>60.0</b>	<b>21.0</b>	<b>32.0</b>	<b>142.0</b>	<b>236.0</b>	<b>143.3</b>	<b>159.0</b>	<b>115.5</b>				
<b>D.LL.</b>	<b>6</b>	<b>3</b>	<b>6</b>	<b>13</b>	<b>17</b>	<b>10</b>	<b>14</b>	<b>11</b>				
<b>TOTALES ANUALES</b>									mm.		80 <small>Días Iluvia</small>	

ESTACION: LA FLORIDA MUNICIPIO: BELEN DE UMBRIA AÑO: 1.983  
 ALTITUD: 1.350 LATITUD: 5-09 N. LONGITUD: 75-53 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0	0.0	5.0	10.0	35.0
2	0.0	0.0	0.0	0.0	5.0	20.0	0.0	0.0	40.0	15.0	0.0	20.0
3	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	40.0
4	0.0	0.0	0.0	0.0	9.0	50.0	0.0	10.0	0.0	40.0	0.0	50.0
5	15.0	10.0	0.0	10.0	5.0	30.0	15.0	5.0	35.0	0.0	0.0	20.0
6	0.0	0.0	5.0	95.0	0.0	0.0	5.0	25.0	15.0	0.0	5.0	30.0
7	0.0	5.0	0.0	50.0	10.0	5.0	50.0	0.0	0.0	0.0	10.0	5.0
8	0.0	0.0	5.0	40.0	0.0	55.0	5.0	0.0	15.0	20.0	0.0	0.0
9	0.0	0.0	10.0	10.0	0.0	0.0	5.0	0.0	0.0	10.0	15.0	10.0
10	5.0	0.0	5.0	0.0	2.0	5.0	0.0	0.0	0.0	5.0	0.0	15.0
11	5.0	0.0	0.0	20.0	25.0	0.0	0.0	5.0	0.0	0.0	5.0	0.0
12	10.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	10.0	15.0	0.0	0.0
13	0.0	0.0	15.0	40.0	0.0	20.0	0.0	0.0	5.0	10.0	10.0	20.0
14	0.0	0.0	0.0	0.0	10.0	0.0	10.0	0.0	0.0	30.0	10.0	0.0
15	0.0	0.0	5.0	85.0	65.0	0.0	20.0	0.0	0.0	20.0	5.0	0.0
16	0.0	0.0	10.0	5.0	10.0	20.0	15.0	0.0	0.0	25.0	0.0	15.0
17	0.0	0.0	0.0	20.0	25.0	0.0	0.0	0.0	5.0	0.0	70.0	10.0
18	0.0	15.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
19	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	10.0
20	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	5.0	0.0	20.0	0.0	15.0	0.0	15.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	5.0	0.0	5.0	70.0
23	0.0	0.0	20.0	0.0	10.0	30.0	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	0.0	0.0	0.0	0.0	25.0
25	10.0	0.0	15.0	10.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	35.0
26	0.0	0.0	15.0	20.0	50.0	0.0	5.0	0.0	0.0	0.0	15.0	0.0
27	0.0	10.0	0.0	20.0	10.0	40.0	0.0	10.0	2.0	10.0	30.0	0.0
28	10.0	0.0	0.0	10.0	50.0	0.0	5.0	5.0	0.0	70.0	40.0	0.0
29	0.0	0.0	0.0	10.0	0.0	0.0	10.0	0.0	15.0	20.0	35.0	30.0
30	0.0	0.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0
31	10.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	40.0
<b>Total</b>	<b>65.0</b>	<b>50.0</b>	<b>130.0</b>	<b>470.0</b>	<b>455.0</b>	<b>255.0</b>	<b>235.0</b>	<b>85.0</b>	<b>172.0</b>	<b>345.0</b>	<b>295.0</b>	<b>510.0</b>
<b>D.LL.</b>	<b>7</b>	<b>6</b>	<b>12</b>	<b>18</b>	<b>16</b>	<b>12</b>	<b>13</b>	<b>8</b>	<b>12</b>	<b>17</b>	<b>16</b>	<b>19</b>
<b>TOTALES ANUALES</b>									mm.		156 <small>Días Iluvia</small>	

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

ESTACION: EL TAMBORAL

MUNICIPIO: APIA

AÑO: 1.983

ALTITUD: 1.450

LATITUD: 5-07 N.

LONGITUD: 75-55 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	0.0	1.1	0.0	0.0	10.0	3.0
2	2.7		10.1	4.0	4.8	4.3	0.0	0.0	6.9	6.9	4.0	40.0
3	0.0		0.0	0.0	0.0	30.0	0.0	0.0	0.0	2.7	0.0	20.0
4	2.0		0.0	0.0	75.5	28.0	5.1	6.2	0.0	82.0	21.3	21.3
5	0.0		0.0	0.0	1.2	10.5	0.0	0.0	36.4	0.0	0.0	0.0
6	0.0		0.0	10.3	0.0	0.0	0.0	9.3	22.0	0.0	0.0	7.0
7	0.0		11.0	0.0	0.0	51.0	31.5	0.0	0.0	0.0	0.0	20.0
8	0.0		0.0	0.0	0.0	43.9	36.0	0.0	14.6	14.0	0.0	0.0
9	0.0		12.0	6.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1
10	3.5		0.0	0.0	0.0	10.1	0.0	0.0	5.0	0.0	0.0	5.2
11	0.0		1.7	11.2	4.2	0.0	4.4	7.5	0.0	0.0	34.5	0.0
12	10.5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0		54.0	7.3	0.0	3.9	0.0	0.0	0.0	14.0	0.0	0.0
14	0.0		0.0	0.0	0.0	0.0	9.4	0.0	0.0	8.0	0.0	0.0
15	0.0		23.4	35.7	18.0	2.0	19.4	0.0	0.0	13.7	4.0	0.0
16	0.0		1.2	0.0	5.0	5.2	0.0	0.0	0.0	5.2	0.0	0.0
17	0.0		7.0	13.9	21.7	0.0	0.0	0.0	3.5	0.0	36.0	0.0
18	0.0		2.0	0.0	26.7	0.0	0.0	0.0	0.0	0.0	0.0	17.0
19	0.0		0.0	0.0	0.0	0.0	0.0	0.0	11.3	31.0	0.0	1.0
20	0.0		0.0	0.0	17.4	0.0	0.0	0.0	8.2	0.0	0.0	10.0
21	0.0		0.0	0.0	3.3	0.0	8.0	2.8	0.0	0.0	0.0	0.0
22	0.0		11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	23.0
23	0.0		0.0	0.0	0.0	25.0	0.0	9.4	0.0	0.0	0.0	0.0
24	0.0		16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	7.5		27.5	15.7	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0
26	21.0		0.0	7.5	81.3	1.8	0.0	5.2	0.0	0.0	8.0	32.0
27	0.0		0.0	14.3	24.0	0.0	0.0	20.0	8.7	0.0	12.3	0.0
28	3.5		0.0	7.2	100.0	25.0	0.0	3.8	0.0	30.0	0.0	20.0
29	0.0		7.3	3.5	1.3	0.0	0.0	0.0	0.0	7.0	0.0	8.3
30	0.0		0.0	5.5	35.0	5.5	11.6	0.0	15.0	20.0	40.0	0.0
31	0.0		0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	6.7
Total	50.7		185.4	331.1	424.7	265.3	126.4	65.3	116.6	233.2	162.1	283.6
D. L.	7		13	14	17	15	9	9	9	13	10	17

TOTALES ANUALES

mm.

Dias lluvia

ESTACION: BAJA CAMPANA

MUNICIPIO: APIA

AÑO: 1.983

ALTITUD: 1.550

LATITUD: 5-07 N.

LONGITUD: 75-56 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	28.0	0.0	0.0	0.0	0.0	0.0
2		0.0	5.0	15.0	0.0	0.0	0.0	0.0	0.0	30.0	2.0	
3		0.0	0.0	0.0	5.0	24.0	0.0	0.0	0.0	0.0	4.0	
4		0.0	0.0	20.0	8.0	22.0	0.0	2.0	19.0	0.0	0.0	
5		0.0	0.0	8.0	0.0	10.0	0.0	0.0	32.0	0.0	0.0	
6		0.0	0.0	27.0	0.0	0.0	0.0	0.0	38.0	0.0	0.0	
7		0.0	2.0	0.0	0.0	20.0	26.0	0.0	0.0	0.0	0.0	
8		0.0	0.0	3.0	0.0	28.0	31.0	0.0	18.0	5.0	0.0	
9		0.0	0.0	0.0	2.0	0.0	2.0	0.0	0.0	0.0	10.0	
10		0.0	15.0	3.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
11		0.0	5.0	15.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	
12		0.0	0.0	0.0	1.0	0.0	0.0	0.0	2.0	22.0	0.0	
13		0.0	20.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14		0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	10.0	8.0	
15		0.0	8.0	20.0	17.0	0.0	6.0	0.0	0.0	5.0	7.0	
16		0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	20.0	0.0	
17		18.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	
18		5.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	
19		0.0	0.0	4.0	0.0	0.0	0.0	0.0	3.0	12.0	0.0	
20		0.0	0.0	16.0	18.0	0.0	0.0	0.0	0.0	0.0	2.0	
21		0.0	0.0	0.0	0.0	0.0	2.0	0.0	10.0	0.0	0.0	
22		48.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	4.0	
23		2.0	0.0	0.0	3.0	25.0	0.0	20.0	0.0	0.0	0.0	
24		0.0	26.0	10.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	
25		0.0	24.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	
26		0.0	10.0	4.0	36.0	0.0	6.0	0.0	0.0	0.0	0.0	
27		0.0	8.0	0.0	6.0	2.6	6.0	18.0	13.0	0.0	0.0	
28		0.0	0.0	10.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	
29		0.0	2.0	5.0	0.0	0.0	0.0	0.0	0.0	22.0	7.0	
30		0.0	0.0	15.0	0.0	0.0	2.0	0.0	0.0	18.0	0.0	
31		0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
Total		53.0	125.0	189.0	200.0	144.0	129.0	45.0	135.0	152.0	48.0	
D. L.		4	11	17	12	9	10	4	8	11	9	

TOTALES ANUALES

mm.

Dias lluvia

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

ESTACION: LOS KARANJOS

MUNICIPIO: SANTLARC

AÑO: 1.983

ALTITUD: 1.420

LATITUD: 5-01 N.

LONGITUD: 76-03 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT	OCTUBRE	NOV	DIC.		
1	0.0	0.0	15.0	0.0	0.0	10.0	2.0	0.0	0.0	0.0	30.0	0.0		
2	8.0	3.0	14.0	0.0	7.0	10.0	0.0	0.0	0.0	0.0	20.0	0.0		
3	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	3.0	0.0	20.0		
4	0.0	0.0	0.0	0.0	0.0	25.0	5.0	10.0	20.0	0.0	0.0	35.0		
5	0.0	12.0	0.0	15.0	3.0	0.0	0.0	0.0	35.0	0.0	0.0	18.0		
6	0.0	15.0	8.0	20.0	0.0	8.0	22.0	0.0	37.0	0.0	0.0	22.0		
7	10.0	0.0	12.0	47.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	10.0		
8	5.0	0.0	0.0	0.0	0.0	51.0	19.0	0.0	15.0	6.0	0.0	0.0		
9	0.0	0.0	0.0	0.0	20.0	0.0	2.0	0.0	0.0	0.0	10.0	0.0		
10	8.0	0.0	15.0	0.0	17.0	0.0	0.0	0.0	0.0	28.0	0.0	5.0		
11	0.0	0.0	15.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0		
12	20.0	0.0	0.0	10.0	0.0	8.0	0.0	0.0	0.0	12.0	0.0	0.0		
13	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0		
14	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	15.0	5.0	0.0		
15	0.0	0.0	0.0	40.0	3.0	0.0	0.0	0.0	5.0	15.0	0.0	0.0		
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0		
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	2.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	26.0	4.0	0.0		
19	0.0	0.0	0.0	10.0	27.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0		
20	0.0	0.0	0.0	10.0	20.0	0.0	22.0	0.0	0.0	0.0	0.0	15.0		
21	0.0	0.0	0.0	2.0	0.0	0.0	27.0	0.0	20.0	0.0	0.0	12.0		
22	0.0	2.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	9.0	8.0		
23	0.0	0.0	7.0	10.0	16.0	0.0	0.0	5.0	1.0	0.0	0.0	0.0		
24	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
25	0.0	0.0	52.0	30.0	0.0	4.0	0.0	0.0	0.0	5.0	0.0	10.0		
26	15.0	0.0	0.0	0.0	20.0	0.0	0.0	12.0	28.0	0.0	5.0	4.0		
27	0.0	0.0	0.0	18.0	30.0	1.0	0.0	40.0	0.0	20.0	0.0	0.0		
28	0.0	0.0	0.0	11.6	0.0	0.0	0.0	5.0	0.0	25.0	0.0	15.0		
29	0.0	0.0	0.0	31.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0		
30	5.0	0.0	0.0	20.0	0.0	0.0	0.0	2.0	15.0	15.0	15.0	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	8.0	2.0	0.0	0.0	0.0	0.0		
Total	71.0	73.0	226.0	354.0	222.0	147.0	173.0	76.0	176.0	221.0	139.0	197.0		
D. LI.	7	4	10	18	12	5	12	7	9	14	8	15		
TOTALES ANUALES											2075.0	mm.	125	Dias lluvia

ESTACION: TESGRITO

MUNICIPIO: LA CELIA

AÑO: 1.983

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	0.0	0.0	0.0	0.0	30.0	40.0	0.0	2.0	20.0	0.0	20.0	8.0		
2	0.0	0.0	19.0	0.0	10.0	3.0	0.0	3.0	10.0	7.0	0.0	4.0		
3	0.0	0.0	0.0	57.0	6.0	10.0	0.0	0.0	0.0	0.0	0.0	90.0		
4	10.0	15.0	0.0	0.0	0.0	10.0	18.0	8.0	10.0	0.0	0.0	8.0		
5	3.0	0.0	18.0	12.0	10.0	0.0	0.0	0.0	45.0	2.0	0.0	2.0		
6	0.0	10.0	0.0	67.0	0.0	0.0	0.0	3.0	12.0	0.0	4.0	10.0		
7	22.0	12.0	31.0	29.0	0.0	34.0	29.0	0.0	0.0	0.0	40.0	3.0		
8	0.0	0.0	0.0	0.0	0.0	26.0	16.0	0.0	12.0	3.0	0.0	0.0		
9	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	3.0	24.0		
10	31.0	0.0	31.0	0.0	0.0	2.0	0.0	0.0	0.0	1.0	10.0	10.0		
11	5.0	0.0	0.0	17.0	0.0	0.0	0.0	33.0	4.0	8.0	4.0	25.0		
12	1.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	20.0	16.0	0.0		
13	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	0.0	23.0	0.0	0.0		
14	0.0	0.0	0.0	16.0	22.0	0.0	0.0	0.0	0.0	4.0	9.0	1.0		
15	0.0	0.0	0.0	15.0	10.0	10.0	3.0	0.0	0.0	20.0	3.0	19.0		
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	3.0	6.0		
17	0.0	0.0	10.0	0.0	42.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0		
18	0.0	20.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	18.0		
19	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	3.0		
20	0.0	0.0	0.0	10.0	5.0	6.0	0.0	0.0	0.0	6.0	0.0	30.0		
21	0.0	0.0	0.0	3.0	10.0	0.0	5.0	0.0	12.0	0.0	30.0	2.0		
22	0.0	0.0	0.0	0.0	7.0	0.0	2.0	0.0	0.0	0.0	6.0	0.0		
23	0.0	0.0	0.0	10.0	2.0	0.0	0.0	0.0	0.0	15.0	3.0	0.0		
24	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	17.0		
25	2.0	0.0	22.0	40.0	8.0	15.0	0.0	10.0	0.0	1.0	0.0	0.0		
26	13.0	0.0	0.0	2.0	12.0	0.0	0.0	10.0	4.0	0.0	21.0	20.0		
27	0.0	0.0	0.0	31.0	32.0	18.0	0.0	15.0	0.0	1.0	20.0	0.0		
28	2.0	0.0	35.0	4.0	22.0	0.0	6.0	12.0	0.0	20.0	10.0	3.0		
29	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	24.0	3.0	10.0		
30	5.0	0.0	0.0	0.0	0.0	1.0	5.0	0.0	0.0	10.0	10.0	9.0		
31	44.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	5.0	0.0	27.0		
Total	138.0	57.0	184.0	373.0	332.0	182.0	96.0	86.0	129.0	203.0	215.0	359.0		
D. LI.	11	4	9	17	15	13	10	8	9	21	18	24		
TOTALES ANUALES											2354.0	mm.	159	Dias lluvia

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

ESTACION: LA TRIBUNA

MUNICIPIO: JALUCA

AÑO: 1.983

ALTITUD: 1.500

LATITUD: 4-57 N.

LONGITUD: 75-57 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT	OCTUBRE	NOV	DIC.	
1	0.0	0.0	38.0	0.0	0.0	36.0	0.0	1.0	33.0	0.0	15.0	1.0	
2	0.0	0.0	13.0	1.0	3.0	1.0	0.0	2.0	30.0	2.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	1.0	0.0	47.0	
4	8.0	31.0	0.0	0.0	10.0	0.0	5.0	0.0	5.0	0.0	0.0	7.0	
5	0.0	0.0	0.0	6.0	4.0	0.0	0.0	1.0	27.0	0.0	0.0	4.0	
6	7.0	1.0	13.0	37.0	0.0	0.0	10.0	0.0	4.0	0.0	0.0	13.0	
7	0.0	3.0	0.0	5.0	0.0	19.0	15.0	0.0	0.0	0.0	30.0	0.0	
8	0.0	0.0	0.0	15.0	0.0	6.0	21.0	0.0	0.0	2.0	0.0	0.0	
9	14.0	0.0	0.0	1.0	0.0	4.0	7.0	0.0	2.0	0.0	0.0	9.0	
10	5.0	0.0	0.0	4.0	0.0	14.0	0.0	0.0	16.0	1.0	10.0	12.0	
11	0.0	0.0	0.0	11.0	4.0	0.0	0.0	12.0	0.0	0.0	4.0	0.0	
12	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
13	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	9.0	5.0	
15	0.0	0.0	0.0	17.0	25.0	0.0	1.0	0.0	2.0	3.0	2.0	32.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	2.0	
17	0.0	0.0	3.0	8.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	12.0	0.0	12.0	1.0	0.0	0.0	0.0	0.0	25.0	0.0	25.0	
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	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	
21	0.0	0.0	0.0	0.0	3.0	0.0	3.0	0.0	16.0	0.0	35.0	14.0	
22	0.0	0.0	0.0	12.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	4.0	0.0	0.0	5.0	0.0	0.0	1.0	0.0	20.0	4.0	0.0	
24	0.0	0.0	24.0	53.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
25	0.0	0.0	0.0	2.0	0.0	16.0	0.0	1.0	0.0	18.0	0.0	13.0	
26	16.0	0.0	70.0	0.0	26.0	0.0	0.0	0.0	0.0	40.0	15.0	32.0	
27	0.0	0.0	0.0	27.0	12.0	1.0	0.0	14.0	0.0	2.0	14.0	0.0	
28	0.0	0.0	5.0	4.0	31.0	0.0	0.0	19.0	0.0	25.0	0.0	0.0	
29	0.0	0.0	0.0	3.0	0.0	0.0	0.0	1.0	0.0	35.0	3.0	6.0	
30	14.0	0.0	0.0	12.0	6.0	0.0	0.0	0.0	5.0	18.0	0.0	50.0	
31	29.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
Total	93.0	51.0	167.0	248.0	165.0	118.0	62.0	52.0	140.0	240.0	141.0	315.0	
D.LL.	7	5	8	21	12	10	7	5	10	19	11	17	
TOTALES ANUALES								1792.0 mm.		136			Días lluvia

ESTACION: LA PALMERA

MUNICIPIO: MARSELLA

AÑO: 1.983

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	42.0	0.0	1.0	0.0	0.0	1.0	2.0	0.0	10.0	0.0	
2	0.0	0.0	45.0	0.0	3.0	0.0	0.0	0.0	33.0	28.0	0.0	10.4	
3	0.0	0.0	0.0	0.0	0.0	43.0	0.0	0.0	0.0	0.0	0.0	20.0	
4	0.0	10.0	0.0	0.0	0.0	70.0	2.0	2.0	2.0	10.0	2.0	3.0	
5	0.0	0.0	0.0	0.0	0.0	3.0	6.0	0.0	50.0	0.0	2.0	3.0	
6	0.0	10.0	5.0	15.0	0.0	0.0	10.0	5.0	2.0	0.0	0.0	2.0	
7	19.0	2.0	12.0	7.0	0.0	1.0	20.0	0.0	0.0	0.0	15.0	0.0	
8	0.0	10.0	10.0	3.0	0.0	0.0	5.0	0.0	15.0	3.0	0.0	3.0	
9	0.0	0.0	0.0	7.0	5.0	0.0	0.0	0.0	0.0	0.0	15.0	7.0	
10	15.0	0.0	0.0	19.0	20.0	3.0	0.0	0.0	2.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	10.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
12	10.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	
13	0.0	0.0	20.0	0.0	1.0	9.0	0.0	3.0	2.0	0.0	11.0	1.0	
14	0.0	0.0	0.0	0.0	1.0	0.0	10.0	0.0	0.0	5.0	2.0	5.0	
15	0.0	0.0	0.0	80.0	10.0	0.0	9.0	0.0	5.0	18.0	15.0	30.0	
16	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
17	0.0	0.0	5.0	1.0	49.0	0.0	0.0	0.0	2.0	0.0	2.0	0.0	
18	0.0	0.0	0.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	
19	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	
20	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	50.0	
21	0.0	0.0	0.0	1.0	2.0	22.0	1.0	0.0	1.0	0.0	0.0	50.0	
22	0.0	0.0	2.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	12.0	0.0	
23	0.0	0.0	0.0	2.0	60.0	0.0	0.0	7.0	0.0	15.0	0.0	0.0	
24	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
25	0.0	0.0	30.0	45.0	1.0	0.0	0.0	0.0	0.0	20.0	12.0	0.0	
26	5.0	0.0	110.0	30.0	40.0	0.0	0.0	25.0	0.0	0.0	3.0	0.0	
27	0.0	0.0	0.0	20.0	30.0	7.0	0.0	70.0	25.0	0.0	40.0	0.0	
28	1.0	0.0	0.0	8.0	10.0	1.0	0.0	1.0	0.0	15.0	0.0	12.0	
29	0.0	0.0	20.0	7.0	0.0	0.0	0.0	2.0	0.0	20.0	3.0	0.0	
30	2.0	0.0	0.0	1.0	3.0	0.0	2.0	0.0	0.0	0.0	6.0	15.0	
31	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
Total	52.0	32.0	307.0	262.0	256.0	160.0	65.0	113.0	147.0	149.0	152.0	227.4	
D.LL.	6	4	13	19	18	10	10	8	14	12	15	16	
TOTALES ANUALES								1422.4 mm.		145			Días lluvia

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

ESTACION: MORENITA

MUNICIPIO: MARSELLA

AÑO: 1.983

ALTITUD: 1.440

LATITUD: 4-54 N.

LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	15.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.0
2	0.0	0.0	57.0	0.0	12.0	26.0	0.0	0.0	0.0	0.0	0.0	30.2
3	0.0	0.0	0.0	0.0	0.0	20.0	0.0	12.0	0.0	12.0	0.0	17.0
4	0.0	14.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	12.0	7.0	0.0
5	0.0	22.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	30.0	0.0
6	0.0	23.0	35.0	26.0	0.0	0.0	10.0	8.0	0.0	0.0	17.0	8.0
7	0.0	5.0	12.0	0.0	0.0	4.0	84.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	10.0	0.0	0.0	15.0	0.0	0.0	3.0	5.0	12.0
9	0.0	0.0	8.0	24.0	0.0	0.0	5.0	2.0	3.0	14.0	4.0	15.0
10	4.0	0.0	17.0	30.0	0.0	0.0	0.0	2.0	2.0	22.0	2.0	40.0
11	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	16.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	0.0	12.0	0.0	0.0
15	0.0	0.0	0.0	0.0	32.0	0.0	16.0	0.0	0.0	22.0	0.0	20.0
16	0.0	0.0	0.0	9.0	10.0	0.0	0.0	2.0	0.0	59.0	10.0	31.0
17	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	14.0
18	0.0	2.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	16.0
19	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0
20	0.0	0.0	0.0	4.0	70.0	0.0	0.0	0.0	0.0	12.0	0.0	2.0
21	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	7.0	0.0	5.0
22	0.0	0.0	0.0	0.0	17.0	0.0	0.0	20.0	6.0	0.0	0.0	15.0
23	0.0	0.0	12.0	0.0	1.0	0.0	0.0	18.0	3.0	0.0	0.0	18.0
24	0.0	0.0	59.0	0.0	0.0	0.0	0.0	13.0	0.0	40.0	0.0	2.0
25	0.0	0.0	1.0	0.0	0.0	0.0	0.0	10.0	0.0	17.0	0.0	0.0
26	11.0	0.0	41.0	0.0	1.0	0.0	0.0	10.0	0.0	0.0	0.0	3.0
27	2.0	0.0	0.0	0.0	55.0	0.0	0.0	0.0	9.0	10.0	0.0	16.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	30.0	15.0	0.0
29	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	7.0	5.0
30	56.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0
Total	109.0	76.0	297.0	228.0	246.0	86.0	132.0	261.0	54.0	303.0	121.0	306.2
D. LL.	4	6	12	11	10	3	6	17	6	18	12	21
TOTALES ANUALES							2215.2 mm.				126 Dias lluvia	

ESTACION: GUAYABITO

MUNICIPIO: STA. ROSA DE C.AÑO:

1.983

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		2.0	0.0	0.0	4.0	0.0	0.0	11.0	8.0	0.0	16.0
2	0.0		1.0	12.0	0.0	71.0	4.0	0.0	0.0	5.0	7.0	32.0
3	10.0		0.0	0.0	0.0	14.0	0.0	0.0	10.0	9.0	0.0	9.0
4	0.0		0.0	0.0	0.0	6.0	51.0	60.0	9.0	18.0	4.0	6.0
5	0.0		0.0	18.0	5.0	14.0	4.0	12.0	0.0	0.0	0.0	9.0
6	0.0		9.0	23.0	0.0	15.0	0.0	5.0	31.0	0.0	10.0	7.0
7	0.0		17.0	19.0	17.0	4.0	7.0	0.0	0.0	0.0	5.0	12.0
8	0.0		8.0	10.0	0.0	3.0	6.0	0.0	0.0	0.0	3.0	9.0
9	0.0		8.0	9.0	5.0	5.0	10.0	0.0	5.0	32.0	0.0	23.0
10	5.0		28.0	39.0	0.0	0.0	7.0	0.0	0.0	3.0	0.0	17.0
11	0.0		0.0	5.0	6.0	19.0	0.0	0.0	7.0	0.0	9.0	0.0
12	0.0		19.0	11.0	2.0	7.0	0.0	0.0	0.0	12.0	0.0	12.0
13	0.0		23.0	0.0	0.0	4.0	2.0	0.0	12.0	8.0	0.0	0.0
14	0.0		26.0	24.0	7.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0
15	0.0		0.0	106.0	0.0	37.0	3.0	0.0	14.0	13.0	0.0	0.0
16	0.0		32.0	7.0	12.0	0.0	4.0	7.0	0.0	18.0	37.0	15.0
17	0.0		0.0	10.0	6.0	0.0	0.0	0.0	3.0	0.0	0.0	36.0
18	0.0		0.0	12.0	0.0	0.0	11.0	0.0	0.0	0.0	24.0	32.0
19	0.0		0.0	10.0	0.0	8.0	0.0	0.0	5.0	25.0	0.0	6.0
20	0.0		0.0	35.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
21	0.0		0.0	11.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
22	0.0		2.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	15.0	4.0
23	0.0		0.0	7.0	31.0	0.0	0.0	0.0	7.0	17.0	0.0	0.0
24	0.0		17.0	8.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0		29.0	0.0	0.0	0.0	0.0	0.0	0.0	34.0	0.0	4.0
26	20.0		4.0	4.0	30.0	0.0	0.0	6.0	0.0	0.0	14.0	0.0
27	0.0		0.0	11.0	32.0	0.0	0.0	50.0	0.0	19.0	21.0	34.0
28	0.0		30.0	16.0	7.0	0.0	8.0	0.0	7.0	7.0	12.0	27.0
29	0.0		33.0	17.0	0.0	10.0	7.0	4.0	4.0	5.0	22.0	19.0
30	21.0		24.0	0.0	0.0	0.0	4.0	0.0	0.0	6.0	27.0	13.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	23.0
Total	56.0		310.0	424.0	206.0	221.0	120.0	146.0	124.0	253.0	222.0	372.0
D. LL.	4		18	23	15	15	13	7	13	19	16	23
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 EGSQUE

MUNICIPIO: DOSQUEBRADAS

AÑO: 1.983

ALTITUD: 1.450

LATITUD: 4-50 N.

LONGITUD: 75-41 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	30.0	0.0	0.0	11.0	4.0	5.0	0.0	2.0	0.0	15.0	16.0	24.0		
2	6.0	0.0	4.0	0.0	22.0	11.0	0.0	3.0	7.0	0.0	0.0	53.0		
3	0.0	0.0	0.0	11.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	10.0		
4	0.0	0.0	0.0	0.0	3.0	30.0	2.0	0.0	25.0	10.0	2.0	46.0		
5	0.0	11.0	9.0	23.0	0.0	3.0	6.0	36.0	23.0	0.0	0.0	9.0		
6	0.0	39.0	35.0	4.0	0.0	3.0	3.0	2.0	18.0	0.0	0.0	22.0		
7	0.0	3.0	14.0	21.0	0.0	13.0	14.0	4.0	0.0	0.0	0.0	0.0		
8	0.0	0.0	12.0	23.0	0.0	13.0	43.0	0.0	2.0	10.0	0.0	4.0		
9	0.0	34.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	36.0		
10	0.0	0.0	11.0	0.0	0.0	31.0	0.0	0.0	4.0	2.0	10.0	5.0		
11	8.0	0.0	0.0	5.0	9.0	10.0	0.0	3.0	0.0	2.0	0.0	3.0		
12	14.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	18.0		
13	0.0	0.0	10.0	4.0	0.0	0.0	0.0	0.0	0.0	32.0	36.0	0.0		
14	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0		
15	0.0	0.0	0.0	24.0	61.0	6.0	12.0	0.0	9.0	15.0	9.0	0.0		
16	0.0	0.0	0.0	0.0	2.0	0.0	8.0	0.0	0.0	6.0	0.0	10.0		
17	0.0	0.0	0.0	23.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	20.0	4.0	0.0	0.0	0.0	2.0	0.0	0.0	35.0		
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	98.0	0.0	2.0		
20	0.0	0.0	0.0	23.0	6.0	8.0	4.0	0.0	0.0	24.0	40.0	22.0		
21	0.0	0.0	0.0	2.0	14.0	0.0	0.0	0.0	11.0	0.0	40.0	11.0		
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0		
23	0.0	2.0	0.0	9.0	71.0	7.0	0.0	54.0	0.0	0.0	0.0	0.0		
24	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0		
25	0.0	0.0	3.0	9.0	59.0	0.0	0.0	2.0	0.0	10.0	0.0	0.0		
26	35.0	0.0	42.0	0.0	10.0	0.0	0.0	0.0	13.0	8.0	21.0	0.0		
27	0.0	0.0	0.0	24.0	30.0	0.0	0.0	33.0	0.0	7.0	9.0	4.0		
28	0.0	0.0	1.0	2.0	31.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0		
29	0.0	0.0	25.0	24.0	0.0	2.0	0.0	5.0	0.0	25.0	9.0	0.0		
30	53.0	0.0	0.0	9.0	0.0	0.0	20.0	31.0	0.0	20.0	45.0	0.0		
31	0.0	0.0	7.0	0.0	0.0	6.0	0.0	7.0	0.0	9.0	16.0	21.0		
Total D. LL.	146.0 6	89.0 5	203.0 14	299.0 20	441.0 16	163.0 16	122.0 11	182.0 12	155.0 11	346.0 21	258.0 13	350.0 19		
TOTALES ANUALES												2754.0 mm.	164	Días lluvia

ESTACION: LA PRIMAVERA  
ALTITUD: 1.540

MUNICIPIO: DOSQUEBRADAS  
LATITUD: 4-50 N.

AÑO: 1.983  
LONGITUD: 75-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	3.0	32.0	0.0	2.0	0.0	0.0			8.0	0.0	
2	0.0	0.0	9.0	5.0	4.0	5.0	0.0	0.0			0.0	115.0	
3	29.0	0.0	0.0	10.0	0.0	5.0	2.0	0.0			0.0	5.0	
4	0.0	2.0	0.0	0.0	0.0	30.0	2.0	0.0			0.0	40.0	
5	0.0	20.0	0.0	40.0	0.0	0.0	0.0	40.0			10.0	30.0	
6	0.0	50.0	29.0	24.0	0.0	0.5	5.0	0.0			0.0	5.0	
7	0.0	4.0	10.0	20.0	0.0	25.0	5.0	0.0			0.0	0.0	
8	0.0	5.0	3.0	0.0	0.0	15.6	40.0	0.0			0.0	5.0	
9	0.0	30.0	14.0	5.0	15.0	0.0	2.0	0.0			15.0	30.0	
10	7.0	0.0	13.0	0.0	0.0	3.0	0.0	0.0			5.0	10.0	
11	0.0	0.0	0.0	6.0	140.0	15.0	0.0	0.0			5.0	0.0	
12	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0			0.0	0.0	
13	0.0	0.0	6.0	22.0	5.0	0.0	0.0	0.0			25.0	0.0	
14	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0			0.0	5.0	
15	0.0	0.0	0.0	30.0	50.0	10.0	5.0	0.0			0.0	5.0	
16	0.0	3.0	0.0	10.0	10.0	3.0	3.0	0.0			0.0	0.0	
17	0.0	0.0	0.0	10.0	5.0	0.0	0.0	0.0			5.0	10.0	
18	0.0	0.0	0.0	39.0	0.0	0.0	0.0	0.0			0.0	25.0	
19	0.0	3.0	0.0	0.0	0.0	10.0	0.0	0.0			0.0	5.0	
20	0.0	0.0	0.0	16.0	15.0	12.0	0.0	0.0			60.0	20.0	
21	0.0	0.0	0.0	4.0	5.0	0.0	0.0	0.0			30.0	5.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	
23	0.0	10.0	0.0	10.0	80.0	5.0	0.0	70.0			0.0	0.0	
24	0.0	0.0	10.0	0.0	0.0	0.0	0.0	4.0			0.0	0.0	
25	10.0	0.0	35.0	6.0	65.0	0.0	0.0	0.0			0.0	0.0	
26	0.0	20.0	20.0	2.0	15.0	0.0	0.0	5.0			5.0	10.0	
27	0.0	0.0	0.0	20.0	35.0	0.0	0.0	45.0			20.0	0.0	
28	0.0	0.0	4.0	15.0	35.0	0.0	0.0	5.0			0.0	0.0	
29	24.0	0.0	29.0	0.0	0.0	5.0	10.0	15.0			10.0	7.0	
30	10.0	0.0	0.0	10.0	3.0	10.0	5.0	0.0			0.0	10.0	
31	0.0	0.0	0.0	0.0	3.0	0.0	5.0	0.0			0.0	12.0	
Total D. LL.	80.0 5	147.0 10	187.0 14	356.0 22	485.0 16	145.5 15	84.0 11	186.0 8			203.0 13	354.0 19	
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 CASTILLO

MUNICIPIO: SANTA RCSA

AÑO: 1.963

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	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	30.0	0.0		
2	15.0	0.0	15.0	0.0	20.0	45.0	0.0	0.0	0.0	10.0	0.0	35.0		
3	0.0	0.0	0.0	10.0	0.0	15.0	0.0	0.0	20.0	5.0	0.0	10.0		
4	5.0	25.0	0.0	0.0	0.0	10.0	35.0	15.0	0.0	10.0	0.0	0.0		
5	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	75.0	0.0	0.0	10.0		
6	0.0	75.0	0.0	0.0	0.0	15.0	0.0	50.0	5.0	0.0	0.0	0.0		
7	10.0	0.0	45.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
8	0.0	0.0	0.0	30.0	0.0	5.0	25.0	0.0	0.0	15.0	35.0	15.0		
9	0.0	25.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0	25.0	0.0	25.0		
10	0.0	0.0	10.0	15.0	10.0	10.0	10.0	0.0	0.0	10.0	0.0	40.0		
11	10.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	20.0	5.0	30.0		
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	5.0	0.0		
13	0.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0		
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	10.0	0.0		
15	25.0	0.0	0.0	60.0	70.0	0.0	0.0	0.0	5.0	40.0	0.0	0.0		
16	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0	45.0	0.0	0.0		
17	0.0	0.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0		
18	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	110.0		
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0		
20	0.0	0.0	0.0	45.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0		
21	0.0	5.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0		
22	0.0	0.0	10.0	0.0	0.0	10.0	0.0	10.0	0.0	20.0	20.0	0.0		
23	0.0	0.0	40.0	15.0	60.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0		
24	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0		
25	0.0	0.0	25.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
26	5.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0		
27	10.0	0.0	2.0	10.0	35.0	10.0	0.0	35.0	0.0	0.0	10.0	0.0		
28	0.0	0.0	0.0	10.0	55.0	0.0	0.0	0.0	10.0	30.0	0.0	25.0		
29	0.0	0.0	0.0	20.0	0.0	0.0	0.0	20.0	10.0	15.0	50.0	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	5.0	0.0	5.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0		
Total D. LI.	80.0	140.0	222.0	310.0	295.0	120.0	100.0	130.0	145.0	360.0	170.0	345.0		
	7	5	11	15	10	6	6	5	9	19	9	13		
TOTALES ANUALES											2417.0	mm.	117	Dias lluvia

ESTACION: LOS CAMBULOS

MUNICIPIO: PEREIRA

AÑO: 1.963

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	1.0	0.0	28.0	0.0	0.0	0.0	0.0	8.0	27.0	0.0	7.0	0.0		
2	0.0	0.0	6.0	0.0	3.0	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	7.0	0.0	0.0	0.0	0.0	0.0	8.0		
4	1.0	47.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	4.0		
5	0.0	0.0	3.0	6.0	2.0	1.0	0.0	1.0	12.0	0.0	0.0	6.0		
6	0.0	3.0	19.0	3.0	0.0	0.0	3.0	0.0	5.0	0.0	0.0	3.0		
7	0.0	2.0	51.0	3.0	0.0	0.0	11.0	0.0	0.0	0.0	2.0	0.0		
8	0.0	0.0	0.0	10.0	0.0	11.0	22.0	0.0	0.0	9.0	0.0	0.0		
9	0.0	0.0	0.0	14.0	15.0	0.0	7.0	0.0	0.0	0.0	8.0	15.0		
10	29.0	0.0	4.0	0.0	0.0	1.0	0.0	0.0	8.0	0.0	0.0	5.0		
11	0.0	0.0	0.0	7.0	12.0	0.0	0.0	3.0	0.0	6.0	0.0	2.0		
12	5.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0		
14	0.0	0.0	14.0	0.0	22.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0		
15	0.0	0.0	0.0	25.0	28.0	0.0	4.0	0.0	20.0	5.0	0.0	5.0		
16	0.0	0.0	0.0	5.0	1.0	0.0	0.0	0.0	0.0	3.0	0.0	11.0		
17	0.0	3.0	10.0	15.0	42.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0		
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	2.0		
20	0.0	0.0	0.0	8.0	4.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0		
21	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	4.0	0.0	7.0	0.0		
22	0.0	0.0	0.0	0.0	0.0	12.0	1.0	0.0	2.0	0.0	0.0	0.0		
23	0.0	0.0	0.0	19.0	13.0	0.0	0.0	2.0	0.0	29.0	5.0	0.0		
24	0.0	0.0	22.0	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	7.0	0.0	0.0	2.0	0.0	25.0	0.0	0.0		
26	17.0	0.0	41.0	53.0	21.0	0.0	0.0	0.0	0.0	0.0	27.0	7.0		
27	3.0	0.0	0.0	6.0	5.0	0.0	0.0	24.0	0.0	3.0	6.0	0.0		
28	1.0	0.0	1.0	0.0	29.0	0.0	0.0	2.0	0.0	30.0	11.0	0.0		
29	0.0	0.0	12.0	11.0	0.0	0.0	8.0	0.0	6.0	2.0	6.0	20.0		
30	6.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	18.0		
31	1.0	0.0	20.0	0.0	0.0	0.0	0.0	28.0	0.0	16.0	0.0	27.0		
Total D. LI.	64.0	75.0	231.0	228.0	204.0	71.0	56.0	70.0	123.0	193.0	91.0	139.0		
	9	4	13	18	14	7	7	8	8	15	10	15		
TOTALES ANUALES											1545.0	mm.	128	Dias lluvia

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

ESTACION: BELMONTE

MUNICIPIO: PEFEIRA

AÑO: 1.983

ALTITUD: 1.340

LATITUD: 4-48 N.

LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0		20.0	0.0	0.0	1.0	0.0	0.0	14.9	7.0	0.0	0.0	
2	0.0		1.8	0.0	0.0	0.0	0.0	26.4	0.0	0.0	0.0	0.0	
3	0.0		0.0	0.0	0.0	7.0	25.0	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	20.6	
5	0.0		26.0	29.0	0.0	21.0	7.0	5.3	13.6	8.2	0.0	9.8	
6	0.0		48.0	32.0	0.0	19.0	0.0	0.0	3.8	0.0	0.0	15.3	
7	0.0		4.4	26.0	0.0	12.0	31.0	0.0	18.0	0.0	0.0	0.0	
8	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	
9	0.0		0.0	5.5	0.0	0.0	2.0	0.0	0.0	0.0	3.0	15.0	
10	0.0		26.0	0.0	4.0	0.0	0.0	0.0	16.3	1.6	0.0	0.0	
11	0.0		5.0	6.0	18.0	0.0	3.0	8.5	0.0	0.0	12.5	0.0	
12	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	15.0	
13	0.0		0.0	13.0	0.0	0.0	11.0	0.0	2.5	10.5	1.6	0.0	
14	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
15	0.0		0.0	0.0	21.0	0.0	0.0	0.0	37.0	20.0	0.0	0.0	
16	0.0		27.0	6.0	0.0	0.0	0.0	0.0	0.0	3.0	2.0	20.4	
17	0.0		0.0	7.4	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0		0.0	20.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	
19	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1	0.0	0.0	
20	0.0		0.0	3.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0		0.0	9.0	10.0	0.0	0.0	0.0	3.3	0.0	2.3	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	16.0	20.0	41.0	0.0	2.0	0.0	0.0	0.0	10.4	
24	0.0		29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0		20.0	0.0	6.0	0.0	0.0	1.0	0.0	2.5	0.0	0.0	
26	15.0		36.0	3.0	16.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	
27	46.0		0.0	8.0	4.0	0.0	0.0	15.5	0.0	0.0	17.5	0.0	
28	7.0		3.0	6.0	28.0	0.0	0.0	27.0	0.0	24.5	5.0	0.0	
29	0.0		55.0	0.0	0.0	1.0	0.0	4.2	0.0	6.3	0.0	30.5	
30	0.0		0.0	12.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	
31	0.0		0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	8.3	
Total	68.0		301.2	319.5	217.0	120.0	56.0	106.9	109.4	120.3	79.4	170.3	
D. LL.	3		13	17	14	7	5	9	8	14	6	10	
TOTALES ANUALES											mm.		Dias lluvia

ESTACION: HIRCSHIMA

MUNICIPIO: PEFEIRA

AÑO: 1.983

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	0.0	25.7	0.0	0.0	0.0	0.2	11.2	10.2	19.3	0.0	1.4	
2	0.0	0.0	5.6	0.0	14.5	0.0	0.8	1.9	0.2	0.2	2.5	4.6	
3	1.6	0.0	0.0	1.7	0.0	32.0	0.0	0.0	0.0	23.0	0.0	6.8	
4	1.7	0.0	18.0	38.0	1.2	46.5	9.0	1.0	0.2	0.0	29.6	40.1	
5	0.0	7.1	18.1	22.9	2.2	2.4	5.9	15.5	25.5	1.8	20.2	8.8	
6	0.0	8.0	27.1	0.0	0.0	0.0	2.0	0.4	6.8	0.0	3.2	0.4	
7	0.0	5.8	8.0	57.6	0.0	28.5	45.7	0.0	10.6	0.0	28.0	0.0	
8	0.0	0.7	0.0	8.5	4.7	0.0	12.1	0.0	0.2	6.9	0.0	11.0	
9	0.0	0.0	0.0	8.5	4.7	0.0	4.1	0.0	3.2	1.2	8.9	44.6	
10	1.3	0.0	0.0	7.3	21.1	7.3	0.0	0.0	33.4	0.0	2.3	0.0	
11	0.0	0.0	0.0	7.8	0.0	0.0	1.6	0.0	0.0	0.0	0.5	1.2	
12	0.0	0.0	0.2	7.8	0.0	0.0	0.0	0.0	0.0	10.3	9.3	0.0	
13	0.0	0.0	0.0	15.5	0.0	2.6	0.0	0.0	3.3	8.3	16.2	24.2	
14	0.0	0.0	0.0	0.2	0.2	0.0	0.2	0.0	0.1	2.5	0.0	2.3	
15	0.0	0.0	0.2	18.9	57.3	2.2	0.3	0.0	3.7	20.2	2.3	4.6	
16	4.6	0.0	0.0	17.7	7.3	3.1	0.0	0.0	1.2	3.6	0.5	25.5	
17	0.0	5.3	34.1	43.5	30.2	0.0	0.0	0.0	0.0	0.0	2.1	18.3	
18	0.0	0.4	0.0	25.1	2.9	0.0	0.0	15.5	0.0	2.1	1.2	15.9	
19	0.0	0.0	0.0	0.0	1.4	4.3	0.0	0.0	0.0	8.0	0.0	2.0	
20	0.0	0.0	0.0	72.2	10.0	3.2	1.4	0.0	0.0	10.0	0.0	0.0	
21	0.0	0.0	0.0	5.9	11.2	0.0	0.0	2.2	27.1	0.0	15.1	0.0	
22	0.0	0.0	0.0	0.0	5.1	31.9	0.0	0.0	1.2	27.0	0.0	0.0	
23	0.0	0.0	0.0	7.5	40.0	0.0	16.0	0.0	0.0	1.2	0.0	0.0	
24	0.0	0.0	20.5	0.0	0.0	0.0	0.0	0.2	0.0	1.2	0.0	0.0	
25	0.0	0.0	0.0	10.2	19.7	0.0	0.0	2.9	1.7	0.0	2.3	11.8	
26	0.0	0.0	4.7	2.3	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	13.9	3.3	27.7	7.2	8.9	3.0	0.0	0.0	0.0	7.0	7.1	2.4	
28	0.0	6.0	0.0	4.1	30.3	0.4	0.0	22.1	0.0	20.0	7.0	0.0	
29	0.0	0.0	1.0	37.1	0.0	0.0	0.0	3.2	0.0	11.1	5.5	0.0	
30	22.8	0.0	25.2	7.2	0.0	18.5	1.8	20.9	2.5	0.0	22.5	4.6	
31	7.7	0.0	0.0	0.0	0.0	0.0	0.2	0.0	3.0	8.5	3.0	14.5	
Total	57.4	43.0	225.8	419.9	286.3	200.3	122.2	92.9	131.8	215.0	191.3	295.6	
D. LL.	8	10	16	23	20	16	16	14	18	22	21	21	
TOTALES ANUALES											2281.5 mm.		Dias lluvia

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

ESTACION: CCMEIA

MUNICIPIO: PEFEIRA

AÑO: 1.983

ALTITUD: 1.350

LATITUD: 4-50 N.

LONGITUD: 75-50 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT	OCTUBRE	NOV	DIC
1	5.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	21.0	5.0	0.0	0.0	0.0	12.0	23.0	3.0
3	4.0	0.0	3.0	0.0	0.0	15.0	9.0	0.0	0.0	3.0	0.0	3.0
4	4.0	14.0	0.0	0.0	0.0	10.0	2.0	1.0	5.0	2.0	0.0	15.0
5	0.0	3.0	0.0	12.0	0.0	0.0	1.0	8.0	23.0	5.0	0.0	27.0
6	0.0	7.0	25.0	6.0	0.0	3.0	0.0	1.0	5.0	0.0	0.0	0.0
7	0.0	30.0	0.0	10.0	0.0	0.0	21.0	0.0	14.0	0.0	3.0	4.0
8	0.0	0.0	12.0	4.0	0.0	10.0	17.0	0.0	1.0	3.0	0.0	2.0
9	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	41.0	11.0
10	6.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	2.0	4.0
11	0.0	0.0	0.0	4.0	21.0	0.0	0.0	6.0	5.0	0.0	0.0	0.0
12	3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	12.0	3.0	19.0
13	0.0	0.0	0.0	15.0	2.0	0.0	0.0	0.0	1.0	44.0	7.0	0.0
14	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	14.0	11.0	0.0
15	0.0	0.0	0.0	24.0	5.0	0.0	4.0	0.0	5.0	8.0	0.0	0.0
16	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	17.0
17	0.0	0.0	6.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	4.0
20	0.0	0.0	0.0	25.0	8.0	0.0	2.0	0.0	0.0	32.0	5.0	0.0
21	0.0	0.0	0.0	2.0	21.0	0.0	0.0	10.0	12.0	0.0	15.0	0.0
22	0.0	0.0	0.0	0.0	2.0	11.0	0.0	0.0	4.0	0.0	2.0	0.0
23	0.0	0.0	0.0	15.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0
24	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	23.0	0.0	0.0	0.0	0.0	2.0	0.0	15.0	0.0	0.0
26	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	21.0	17.0	0.0
27	0.0	0.0	0.0	1.0	0.0	0.0	0.0	27.0	0.0	2.0	20.0	0.0
28	0.0	0.0	0.0	4.0	0.0	2.0	0.0	5.0	0.0	17.0	4.0	0.0
29	0.0	0.0	12.0	7.0	0.0	0.0	11.0	4.0	0.0	9.0	12.0	2.0
30	2.5	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	4.0	46.0	3.0
31	6.0	0.0	3.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
Total D.LI.	130.0 8	56.0 5	262.0 12	258.0 19	330.0 15	60.0 8	78.0 10	88.0 11	131.0 12	206.0 17	211.0 15	126.0 14
TOTALES ANUALES							1942.0 mm.			146		Dias lluvia

ESTACION: LA MARINA

MUNICIPIO: PEFEIRA

AÑO: 1.983

ALTITUD: 1.560

LATITUD: 4-48 N.

LONGITUD: 75-43 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	7.2	0.0	1.9	0.5	1.4	0.0	0.0		0.0	10.0
2	0.0	0.0	8.0	7.4	3.6	7.0	0.0	2.1	13.0		22.0	0.0
3	0.0	0.0	0.0	1.8	1.4	5.4	0.0	0.0	15.0		9.0	14.0
4	6.5	6.3	0.0	0.0	2.5	0.0	1.5	2.0	0.0		8.0	5.0
5	0.0	5.6	6.6	2.7	4.4	0.0	9.0	6.0	31.0		0.0	0.0
6	0.0	7.0	9.7	1.2	5.0	4.2	1.2	5.0	11.0		0.0	14.0
7	0.0	4.5	3.2	3.1	6.0	3.3	3.4	0.0	6.0		0.0	0.0
8	0.0	0.0	1.4	6.0	6.0	4.6	6.0	0.0	0.0		30.0	0.0
9	0.0	0.0	1.4	1.4	1.7	0.0	1.1	0.0	19.0		11.0	13.0
10	4.1	0.0	6.7	1.6	1.3	1.3	0.0	0.0	47.0		6.0	0.0
11	0.0	0.0	0.0	2.4	1.5	0.0	7.0	5.0	13.0		0.0	0.0
12	0.0	0.0	0.0	3.4	0.0	1.2	0.0	8.0	0.0		15.0	9.0
13	0.0	0.0	3.9	1.6	0.0	2.3	0.0	0.0	9.0		0.0	0.0
14	0.0	0.0	0.0	0.5	2.8	0.0	4.0	0.0	5.0		0.0	7.5
15	0.0	0.0	0.0	3.8	4.9	1.6	1.6	0.0	0.0		0.0	3.0
16	1.6	0.0	2.1	9.0	5.3	1.1	0.0	0.0	0.0		0.6	39.0
17	0.0	9.1	4.7	3.7	5.8	2.1	8.0	0.0	0.0		0.0	5.0
18	0.0	0.0	0.0	1.7	1.2	0.0	0.0	33.0	23.0		0.0	3.0
19	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0		0.7	5.8
20	0.0	0.0	0.0	9.7	8.3	2.9	0.0	0.0	12.0		30.0	0.0
21	1.3	0.0	0.0	4.3	1.1	0.0	6.0	12.0	63.0		0.0	0.0
22	0.0	1.0	0.0	0.0	6.0	0.0	5.1	0.0	5.0		0.8	0.0
23	0.0	3.5	0.0	1.6	7.8	0.0	0.0	23.0	0.0		0.8	3.1
24	0.0	0.5	3.8	0.0	0.0	1.0	0.0	16.0	3.0		0.7	15.0
25	0.0	3.0	3.6	9.0	0.0	0.0	0.0	29.0	8.0		0.0	0.0
26	0.0	0.0	9.0	8.0	8.5	1.5	0.0	0.0	0.0		0.0	1.9
27	4.4	7.0	7.0	2.1	6.5	9.0	1.4	35.0	17.0		0.0	0.0
28	5.3	2.2	0.0	5.0	0.0	8.0	1.1	0.0	0.0		14.0	0.0
29	0.0	0.0	2.3	5.3	7.0	6.8	9.0	14.0	0.0		0.9	6.3
30	3.3	0.0	0.0	2.2	0.0	0.0	5.0	0.0	0.0		5.6	10.3
31	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	8.0
Total D.LI.	35.0 9	49.7 11	79.2 15	98.5 25	113.0 24	63.0 18	71.8 17	190.1 13	316.0 18		155.1 16	172.9 18
TOTALES ANUALES							mm.					Dias lluvia

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

ESTACION: LA TIERRICA MUNICIPIO: PEREIRA AÑO: 1.983  
 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	5.0	0.0	0.0	0.0	0.0	0.0	58.0			
2	3.0	0.0	34.0	0.0	16.0	10.0	0.0	10.0	0.0			
3	0.0	0.0	0.0	0.0	0.0	14.0	24.0	10.0	0.0			
4	0.0	3.0	0.0	0.0	0.0	26.0	0.0	0.0	10.0			
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0			
6	0.0	5.0	34.0	12.0	0.0	0.0	0.0	0.0	5.0			
7	0.0	2.0	7.0	10.0	0.0	10.0	24.0	0.0	0.0			
8	0.0	5.0	0.0	2.0	0.0	3.0	20.0	0.0	0.0			
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
10	3.0	0.0	27.0	2.0	0.0	5.0	0.0	0.0	17.0			
11	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0			
12	3.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0			
13	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0			
14	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0			
15	0.0	0.0	0.0	0.0	29.0	37.0	20.0	0.0	16.0			
16	0.0	0.0	0.0	0.0	3.0	0.0	20.0	0.0	0.0			
17	0.0	0.0	0.0	0.0	4.0	4.0	0.0	0.0	0.0			
18	0.0	1.0	0.0	46.0	0.0	20.0	0.0	0.0	0.0			
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
20	0.0	0.0	0.0	27.0	10.0	0.0	0.0	0.0	0.0			
21	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0			
22	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0			
23	0.0	0.0	22.0	37.0	0.0	1.0	0.0	0.0	0.0			
24	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0			
25	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0			
26	5.0	0.0	38.0	0.0	1.0	0.0	0.0	3.0	0.0			
27	0.0	0.0	0.0	20.0	0.0	0.0	0.0	13.0	0.0			
28	0.0	0.0	0.0	3.0	0.0	5.0	0.0	0.0	0.0			
29	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0			
30	15.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0			
31	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0			
Total	101.0	78.0	222.0	234.0	281.0	103.0	88.0	91.0	129.0			
D. L.I.	5	5	12	16	14	5	4	7	7			
TOTALES ANUALES										mm.		Días lluvia

ESTACION: LA PLAYA MUNICIPIO: PEREIRA AÑO: 1.983  
 ALTITUD: 1.350 LATITUD: 4-45 N. LONGITUD: 75-44 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	0.0	0.0	0.0
2	0.0	0.0	21.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
3	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	13.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	26.0
5	0.0	5.0	4.0	7.0	0.0	0.0	0.0	16.0	30.0	24.0	0.0	0.0
6	0.0	7.0	40.0	15.0	0.0	0.0	0.0	0.0	11.0	0.0	5.0	0.0
7	0.0	0.0	0.0	5.0	0.0	11.0	33.0	0.0	11.0	0.0	11.0	37.0
8	0.0	0.0	9.0	0.0	0.0	4.0	22.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	13.0
10	7.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0
12	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	24.0
13	0.0	0.0	5.0	18.0	0.0	0.0	0.0	0.0	0.0	42.0	7.0	0.0
14	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	14.0	8.0	0.0
15	0.0	0.0	0.0	20.0	5.0	0.0	0.0	0.0	6.0	15.0	0.0	0.0
16	0.0	0.0	0.0	0.0	30.0	0.0	11.0	0.0	0.0	0.0	0.0	27.0
17	0.0	0.0	52.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	21.0	15.0	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	6.0	0.0	0.0	0.0	12.0	0.0	24.0
20	0.0	0.0	0.0	35.0	5.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	12.0	13.0	16.0	0.0
22	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	7.0	0.0
23	0.0	0.0	0.0	24.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	10.0	0.0	18.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
26	85.0	0.0	21.0	0.0	5.0	0.0	0.0	0.0	0.0	13.0	10.0	0.0
27	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
28	0.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0
29	0.0	0.0	21.0	10.0	0.0	0.0	13.0	0.0	0.0	14.0	25.0	0.0
30	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
31	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
Total	121.0	64.0	229.0	216.0	290.0	69.0	79.0	92.0	179.0	206.0	156.0	169.0
D. L.I.	4	4	12	13	11	5	4	5	8	11	12	8
TOTALES ANUALES										1872.0 mm.		Días lluvia

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

ESTACION: LAS MARGARITAS

MUNICIPIO: EL PLAYON

AÑO: 1.983

ALTITUD:

LATITUD: 7-28 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	85.0	3.0	0.0	0.0	20.0				
2	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0				
3	1.0	0.0	63.0	0.0	0.0	10.0	0.0	0.0				
4	15.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0				
5	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0				
6	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0				
7	0.0	0.0	1.0	32.0	0.0	1.0	0.0	0.0				
8	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0				
9	0.0	0.0	25.0	20.0	0.0	0.0	0.0	0.0				
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
11	0.0	0.0	0.0	2.0	0.0	10.0	5.0	0.0				
12	31.0	0.0	0.0	8.0	6.0	0.0	14.0	0.0				
13	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0				
14	0.0	0.0	0.0	9.0	12.0	7.0	0.0	0.0				
15	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0				
16	0.0	0.0	0.0	0.0	13.0	12.0	0.0	0.0				
17	0.0	1.0	0.0	32.0	0.0	0.0	0.0	0.0				
18	0.0	0.0	0.0	0.0	49.0	0.0	0.0	0.0				
19	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
20	0.0	0.0	0.0	49.0	0.0	8.0	0.0	0.0				
21	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0				
22	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
23	0.0	0.0	0.0	0.0	13.0	7.0	0.0	0.0				
24	0.0	6.0	7.0	4.0	0.0	0.0	0.0	0.0				
25	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0				
26	0.0	0.0	2.0	2.0	0.0	12.0	3.0	0.0				
27	0.0	15.0	0.0	10.0	21.0	0.0	0.0	0.0				
28	0.0	0.0	0.0	19.0	10.0	0.0	3.0	0.0				
29	0.0	0.0	0.0	0.0	0.0	8.0	1.0	0.0				
30	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	12.0	0.0				
Total D. Ll.	53.0 5	31.0 3	268.0 7	376.0 15	131.0 10	79.0 10	86.0 9	66.0 10				
TOTALES ANUALES									mm.		Días lluvia	

ESTACION: LA RESERVA

MUNICIPIO: RICNEGRO

AÑO: 1.983

ALTITUD: 1.200

LATITUD: 7-18 N.

LONGITUD: 73-10 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	5.0	0.0	0.0	6.0	10.0	7.0	0.0	9.0				
2	4.0	0.0	10.0	0.0	8.5	19.0	13.0	0.0				
3	0.0	0.0	0.0	0.0	7.0	0.5	0.0	2.0				
4	0.0	16.0	0.0	10.5	6.8	7.0	0.0	0.0				
5	0.0	0.0	18.0	0.0	6.5	5.0	0.0	7.0				
6	0.0	3.0	7.0	30.0	0.5	0.0	6.0	13.0				
7	0.0	0.0	20.0	78.7	0.0	9.0	0.0	2.0				
8	0.0	0.0	9.0	0.0	0.0	2.0	1.0	0.0				
9	0.0	0.0	18.0	2.5	0.0	0.0	12.0	0.0				
10	0.0	0.0	0.0	4.4	0.0	5.0	0.0	0.0				
11	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0				
12	8.0	0.0	9.0	47.0	5.0	0.0	5.0	0.0				
13	7.3	0.0	0.0	45.0	0.5	3.0	0.0	0.0				
14	0.4	0.0	0.0	0.0	4.0	6.0	4.0	0.0				
15	0.0	3.0	0.0	0.0	0.0	0.0	5.0	0.0				
16	0.0	0.0	0.0	2.0	5.8	4.0	28.0	0.0				
17	0.0	11.5	0.0	101.0	3.0	0.0	0.0	4.0				
18	0.0	0.0	0.0	30.0	25.0	0.0	0.0	0.0				
19	36.5	0.0	6.0	0.0	0.0	0.0	2.0	0.0				
20	0.0	0.0	0.0	3.0	0.0	2.0	0.0	4.0				
21	0.0	0.0	0.0	11.8	3.5	5.0	0.0	29.0				
22	0.0	0.0	0.0	0.0	0.0	2.0	0.0	1.0				
23	0.0	4.0	0.0	0.0	3.0	26.0	13.0	0.0				
24	0.0	0.0	4.0	0.0	0.0	12.1	0.0	1.0				
25	0.0	0.0	8.0	0.0	0.0	3.0	0.0	7.0				
26	0.0	0.0	0.0	0.0	16.0	0.0	0.0	8.7				
27	9.0	0.0	0.0	10.0	0.0	0.0	2.0	0.0				
28	3.0	7.5	0.0	25.0	5.0	0.2	3.0	0.0				
29	0.0	0.0	5.0	6.0	7.0	0.0	3.0	0.0				
30	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0				
31	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0				
Total D. Ll.	73.2 8	48.0 7	227.2 12	412.9 16	127.1 18	137.8 20	115.0 13	120.7 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: LOS COCOS

MUNICIPIO: RICNEGRO

AÑO: 1.983

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	2.0	0.0	0.0	7.0	2.0	0.0	0.0	36.0	0.0	0.0	48.0	0.0
2	0.0	0.0	41.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
3	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
4	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	6.0	19.0	37.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
7	0.0	0.0	36.0	25.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
8	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	6.0	17.0	0.0
10	0.0	0.0	0.0	1.0	0.0	4.0	0.0	0.0	3.0	0.0	1.0	0.0
11	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0
12	9.0	1.0	3.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0
13	19.0	0.0	0.0	58.0	1.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0
14	1.0	0.0	0.0	19.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
16	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	3.0	0.0	12.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	11.0
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	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	26.0	0.0	12.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	9.0	32.0	0.0
21	0.0	0.0	0.0	16.0	4.0	0.0	0.0	0.0	0.0	4.0	1.0	0.0
22	0.0	0.0	0.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
23	0.0	0.0	0.0	0.0	2.0	0.0	4.0	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	2.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
26	24.0	0.0	0.0	0.0	7.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0
27	30.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	4.0	0.0	0.0	3.0	4.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0
29	0.0	0.0	13.0	2.0	5.0	0.0	15.0	0.0	0.0	7.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	1.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
Total	129.0	72.0	171.0	213.0	59.0	29.0	68.0	73.0	21.0	175.0	128.0	207.0
D. LI.	10	7	14	18	11	7	7	8	7	12	12	17
TOTALES ANUALES								1345.0 mm.		131		Dias Huvia

ESTACION: PALESTINA

MUNICIPIO: RICNEGRO

AÑO: 1.983

ALTITUD: 1.350

LATITUD: 7-21 N.

LONGITUD: 73-07 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	4.0		2.0	0.0	6.0	11.0	0.0	7.0	0.0
2	0.0	0.0	20.0	0.0		3.0	12.0	1.0	8.0	0.0	3.0	0.0
3	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	4.0	5.0		7.0	0.0	0.0	0.0	0.0	1.0	13.0
5	0.0	0.0	9.0	0.0		1.0	0.0	2.0	8.0	4.0	0.0	1.0
6	0.0	2.0	11.0	26.0		0.0	0.0	0.0	1.0	3.0	0.0	2.0
7	0.0	0.0	10.0	50.0		4.0	6.0	0.0	1.0	0.0	0.0	51.0
8	0.0	0.0	5.0	0.0		0.0	0.0	0.0	4.0	5.0	0.0	1.0
9	0.0	3.0	0.0	3.0		0.0	0.0	0.0	0.0	6.0	0.0	0.0
10	0.0	0.0	0.0	0.0		0.0	6.0	0.0	4.0	0.0	14.0	0.0
11	0.0	0.0	0.0	0.0		15.0	0.0	0.0	1.0	0.0	0.0	11.0
12	0.0	0.0	0.0	13.0		12.0	0.0	0.0	0.0	0.0	0.0	18.0
13	12.0	0.0	2.0	8.0		0.0	0.0	0.0	0.0	4.0	0.0	0.0
14	0.0	0.0	0.0	0.0		6.0	0.0	0.0	1.0	0.0	0.0	1.0
15	3.0	0.0	0.0	2.0		0.0	28.0	0.0	5.0	0.0	0.0	3.0
16	0.0	0.0	0.0	0.0		19.0	0.0	0.0	0.0	4.0	0.0	0.0
17	0.0	9.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	6.0	12.0
18	0.0	0.0	0.0	25.0		0.0	0.0	1.0	0.0	0.0	5.0	10.0
19	5.0	0.0	0.0	0.0		0.0	0.0	0.0	15.0	2.0	0.0	1.0
20	0.0	0.0	0.0	0.0		0.0	0.0	0.0	20.0	1.0	15.0	1.0
21	0.0	0.0	0.0	10.0		0.0	0.0	0.0	0.0	0.0	53.0	0.0
22	0.0	0.0	0.0	0.0		0.0	3.0	0.0	0.0	2.0	1.0	0.0
23	3.0	0.0	0.0	0.0		2.0	0.0	1.0	0.0	0.0	2.0	0.0
24	0.0	0.0	0.0	5.0		0.0	0.0	12.0	1.0	0.0	0.0	0.0
25	8.0	0.0	20.0	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	6.0	2.0
27	2.0	0.0	0.0	4.0		2.0	1.0	0.0	4.0	0.0	0.0	0.0
28	3.0	2.0	0.0	12.0		0.0	13.0	0.0	0.0	14.0	0.0	0.0
29	0.0	0.0	8.0	7.0		3.0	0.0	8.0	6.0	10.0	0.0	0.0
30	0.0	0.0	3.0	0.0		0.0	0.0	0.0	6.0	8.0	19.0	10.0
31	3.0	0.0	0.0	0.0		0.0	6.0	0.0	0.0	3.0	0.0	0.0
Total	39.0	34.0	137.0	171.0		94.0	139.0	66.0	66.0	177.0	106.0	137.0
D. LI.	8	4	10	13		12	10	5	17	15	11	15
TOTALES ANUALES								mm.		Dias Huvia		

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

ESTACION: EONANZA

MUNICIPIO: GIRÓN

AÑO: 1.983

ALTITUD: 1.25C

LATITUD: 7-04 N.

LONGITUD: 73-10 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT	OCTUBRE	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0
2	4.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	9.0	0.0
3	3.0	0.0	0.0	0.0	2.0	0.0	0.0	7.0	0.0	0.0	0.0	3.0
4	40.0	0.0	0.0	0.0	1.0	0.0	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	20.0	0.0	0.0	0.0	0.0	1.0
6	0.0	0.0	0.0	120.0	0.0	6.0	4.0	13.0	15.0	0.0	0.0	17.0
7	0.0	0.0	11.0	0.0	0.0	0.0	0.0	7.0	0.0	6.0	0.0	0.0
8	0.0	0.0	23.0	0.0	0.0	0.0	0.0	7.0	2.0	0.0	0.0	1.0
9	0.0	0.0	0.0	30.0	2.0	0.0	6.0	0.0	0.0	13.0	6.0	5.0
10	0.0	0.0	0.0	0.0	30.0	32.0	0.0	0.0	12.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0
12	41.0	0.0	13.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
13	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	5.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	28.0
16	0.0	0.0	0.0	0.0	4.0	0.0	4.0	0.0	4.0	0.0	0.0	5.0
17	0.0	0.0	0.0	11.0	3.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	2.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	3.0
19	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	17.0
20	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	9.0	7.0	0.0	0.0
22	0.0	0.0	0.0	0.0	1.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0
23	0.0	8.0	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	5.0	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	16.0	0.0	0.0	1.0	0.0
26	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0
27	3.0	0.0	0.0	0.0	5.0	0.0	0.0	6.0	13.0	0.0	5.0	0.0
28	29.0	0.0	0.0	19.0	8.0	0.0	3.0	0.0	0.0	14.0	0.0	0.0
29	0.0	0.0	0.0	0.0	4.0	0.0	0.0	2.0	4.0	4.0	0.0	0.0
30	0.0	0.0	0.0	2.0	0.0	3.0	3.0	0.0	0.0	0.0	6.0	4.0
31	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	3.0
Total	142.0	40.0	100.0	244.0	80.0	76.0	102.0	115.0	59.0	95.0	37.0	87.0
D. L.I.	8	3	8	11	12	5	12	13	7	8	7	11
TOTALES ANUALES											1177.0 mm.	105

ESTACION: MTPCRAL  
ALTITUD: 1.25C

MUNICIPIO: FLERIDABLANCA  
LATITUD: 7-04 N.

AÑO: 1.983  
LONGITUD: 73-06 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DEC.
1	0.0	0.0	0.0	0.0	16.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0	0.0	0.0	3.0	0.0
3	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	6.0	16.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	6.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	27.0	0.0	3.0	0.0	0.0	0.0	0.0	6.0
6	0.0	0.0	35.0	18.0	0.0	0.0	0.0	0.0	4.0	4.0	0.0	4.0
7	0.0	0.0	70.0	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	9.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	8.0	20.0	14.0	0.0	5.0	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	4.0	0.0
12	10.0	0.0	0.0	4.0	13.0	0.0	0.0	0.0	10.0	7.0	0.0	19.0
13	12.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	5.0
14	0.0	0.0	0.0	8.0	0.0	10.0	22.0	0.0	7.0	20.0	0.0	0.0
15	0.0	0.0	0.0	0.0	26.0	12.0	0.0	0.0	0.0	0.0	0.0	22.0
16	0.0	0.0	0.0	14.0	0.0	14.0	8.0	0.0	11.0	0.0	0.0	0.0
17	0.0	8.0	0.0	0.0	0.0	0.0	0.0	27.0	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	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	6.0	0.0	0.0
21	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	2.0	22.0	0.0	0.0
22	0.0	6.0	0.0	0.0	0.0	0.0	59.0	0.0	0.0	0.0	0.0	0.0
23	0.0	10.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	6.0	0.0
24	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	18.0	0.0	38.0	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	4.0	12.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	9.0	0.0	9.0	11.0	0.0	6.0	27.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	12.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	8.0	2.0
30	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0
Total	70.0	24.0	143.0	80.0	107.0	86.0	201.0	102.0	51.0	139.0	37.0	58.0
D. L.I.	5	3	3	6	8	7	10	8	8	9	5	6
TOTALES ANUALES											1098.0 mm.	76

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

ESTACION: NEW YORK

MUNICIPIO: SAN VICENTE AÑO:

1.983

ALTITUD: 56 C

LATITUD: 6-52 N

LONGITUD: 73-24 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	10.0	0.0	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	10.0	0.0	0.0	20.0	18.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	15.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	50.0	20.0	0.0	0.0	10.0	0.0	10.0	0.0	20.0
7	0.0	0.0	0.0	50.0	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	20.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
9	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	10.0
11	0.0	0.0	0.0	0.0	25.0	20.0	0.0	0.0	0.0	15.0	0.0	15.0
12	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	15.0	0.0	10.0	0.0	10.0	0.0	0.0	0.0	10.0	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	10.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
16	0.0	0.0	0.0	0.0	0.0	40.0	10.0	0.0	0.0	30.0	0.0	0.0
17	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
18	0.0	0.0	25.0	0.0	10.0	0.0	0.0	25.0	15.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	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	15.0	15.0
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	10.0	0.0	18.0	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	14.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
26	70.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	65.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	35.0	0.0	0.0	0.0	0.0	20.0	10.0	0.0	0.0	10.0	0.0	20.0
29	0.0	0.0	0.0	0.0	0.0	18.0	6.0	0.0	0.0	15.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	10.0	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	60.0	0.0	0.0	0.0	0.0	0.0
Total	170.0	55.0	62.0	110.0	110.0	128.0	100.0	105.0	53.0	115.0	55.0	143.0
D. Ll.	3	2	4	3	7	7	5	6	4	8	4	9
TOTALES ANUALES											1206.0 mm.	Días lluvia 62

ESTACION: SANTA CRUZ

MUNICIPIO: SAN VICENTE

AÑO: 1.983

ALTITUD: 75 C

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	20.0	0.0	0.0	0.0	0.0	0.0	15.0	12.0
2	0.0	0.0	0.0	0.0	10.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	2.0	0.0	63.0	0.0	0.0	0.0	30.0
4	0.0	35.0	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	20.0	10.0	1.0	0.0	25.0	0.0	0.0	0.0	0.0
6	0.0	48.0	0.0	60.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	52.0	15.0	0.0	23.0	0.0	2.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	20.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	1.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	25.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	4.0	45.0	15.0	0.0	0.0	5.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	5.0	32.0	0.0	21.5
17	0.0	35.0	0.0	37.0	0.0	0.0	0.0	40.5	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
19	5.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	12.0	25.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
21	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	15.0	5.0	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	10.0	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	35.0	0.0	0.0	10.0	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	3.0	0.0	0.0	0.0	0.0	0.0	0.0
28	95.0	0.0	0.0	0.0	2.0	10.0	33.0	0.0	0.0	0.0	3.0	0.0
29	58.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	30.0	10.0	45.0	25.0	0.0	0.0	0.0	10.0	0.0	0.0
31	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
Total	158.0	141.0	40.0	230.0	163.0	114.0	71.0	173.5	19.0	117.0	61.0	68.5
D. Ll.	3	4	2	10	10	11	3	5	3	7	5	4
TOTALES ANUALES											1356.0 mm.	Días lluvia 67

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

ESTACION: NAZARETH

MUNICIPIO: SAN VICENTE AÑO: 1.983

ALTITUD: 1.000

LATITUD: 6-57 N.

LONGITUD: 73-25 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	22.0	6.0	0.0	0.0	0.0	0.0	10.0
2	0.0	0.0	27.0	18.0	1.0	12.0	11.0	0.0	0.0	0.0	0.0	14.0
3	0.0	0.0	0.0	0.0	3.0	3.0	0.0	22.0	7.0	0.0	0.0	2.0
4	0.0	0.0	0.0	0.0	12.0	103.0	2.0	0.0	0.0	0.0	0.0	0.0
5	0.0	25.0	0.0	4.0	0.0	0.0	27.0	0.0	10.0	0.0	4.0	4.0
6	0.0	0.0	25.0	19.0	0.0	0.0	3.0	52.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	88.0	52.0	6.0	0.0	2.0	4.0	0.0	0.0	0.0
8	0.0	3.0	0.0	0.0	0.0	0.0	19.0	0.0	3.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	40.0
11	0.0	0.0	0.0	24.0	26.0	21.0	2.0	0.0	4.0	0.0	0.0	0.0
12	6.0	0.0	8.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0
13	0.0	0.0	0.0	16.0	0.0	31.0	0.0	0.0	6.0	46.0	0.0	0.0
14	4.0	0.0	0.0	0.0	52.0	4.0	7.0	0.0	0.0	26.0	0.0	0.0
15	0.0	0.0	0.0	7.0	0.0	4.0	0.0	15.0	0.0	0.0	11.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	19.0	0.0	0.0	4.0
17	0.0	71.0	0.0	46.0	0.0	2.0	0.0	14.0	0.0	0.0	0.0	0.0
18	0.0	8.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	2.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0
20	0.0	0.0	0.0	3.0	0.0	0.0	0.0	2.0	2.0	25.0	0.0	0.0
21	0.0	0.0	0.0	19.0	107.0	0.0	0.0	2.0	1.0	32.0	0.0	0.0
22	0.0	0.0	0.0	0.0	4.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	26.0	6.0	28.0	2.0	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	7.0	0.0	0.0	4.0	21.0	0.0	0.0	0.0
26	0.0	0.0	0.0	3.0	0.0	0.0	18.0	0.0	0.0	0.0	16.0	0.0
27	20.0	0.0	0.0	0.0	0.0	4.0	40.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	2.0	14.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	85.0	61.0	0.0	2.0	2.0	0.0	0.0	0.0
30	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	6.0
31	22.0	0.0	0.0	0.0	8.0	0.0	12.0	0.0	0.0	6.0	0.0	0.0
Total D. Ll.	54.0 5	200.0 5	69.0 4	319.0 14	501.0 15	292.0 14	201.0 14	137.0 11	82.0 12	171.0 8	83.0 5	116.0 8
TOTALES ANUALES										2225.0 mm.		Días 115 lluvia

ESTACION: CEYLAN  
ALTITUD: 1.300

MUNICIPIO: BUCARAMANGA  
LATITUD: 7-09 N.

AÑO: 1.983  
LONGITUD: 73-08 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	10.0	0.0	0.0	0.0	9.0	0.0	0.0	20.0	0.0	0.0	30.0	0.0
2	6.0	0.0	6.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
3	5.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0
4	0.0	10.0	0.0	0.0	6.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	12.0	0.0	0.0	0.0	0.0	6.0	18.0	0.0	0.0	15.0
6	0.0	45.0	9.0	4.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	42.0
7	0.0	0.0	15.0	13.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	6.0
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	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	5.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	15.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0
13	0.0	4.0	0.0	16.0	0.0	0.0	6.0	0.0	0.0	0.0	2.0	0.0
14	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	5.0	4.0	0.0	48.0
15	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	26.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	40.0
17	0.0	87.0	0.0	14.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0
18	10.0	0.0	0.0	8.0	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	5.0	4.0	0.0	6.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	18.0	0.0	0.0
21	0.0	0.0	10.0	0.0	8.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0
23	0.0	10.0	20.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	16.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	14.0	0.0
25	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
26	115.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	10.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	20.0	0.0	0.0	20.0	0.0	0.0	4.0	0.0	0.0	6.0	0.0	0.0
29	0.0	0.0	30.0	3.0	0.0	0.0	0.0	0.0	4.0	8.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	22.0
31	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0
Total D. Ll.	206.0 9	158.0 6	172.0 8	134.0 10	48.0 5	41.0 6	53.0 8	46.0 4	37.0 5	129.0 9	64.0 5	221.0 8
TOTALES ANUALES										1309.0 mm.		Días 83 lluvia

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

ESTACION: LA GUAYANA

MUNICIPIO: ZAPATICA

AÑO: 1.983

ALTITUD: 1.800

LATITUD: 6-46 N.

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	0.0	0.0	0.0	30.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	20.0	30.0	0.0	0.0	0.0	0.0	20.0	0.0
3	0.0	0.0	0.0	0.0	10.0	20.0	0.0	20.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	25.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
5	5.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	10.0
6	0.0	0.0	5.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	5.0	0.0	0.0	5.0	0.0	0.0	0.0	20.0	0.0	20.0	0.0	25.0
8	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
10	0.0	0.0	0.0	20.0	0.0	10.0	0.0	0.0	40.0	0.0	0.0	0.0
11	0.0	0.0	0.0	5.0	0.0	30.0	20.0	0.0	0.0	20.0	0.0	0.0
12	0.0	0.0	0.0	0.0	5.0	10.0	0.0	0.0	0.0	35.0	0.0	10.0
13	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
14	0.0	0.0	0.0	15.0	35.0	0.0	0.0	0.0	5.0	5.0	10.0	0.0
15	0.0	0.0	0.0	30.0	10.0	30.0	0.0	0.0	0.0	20.0	0.0	5.0
16	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
17	0.0	0.0	0.0	0.0	10.0	10.0	0.0	5.0	0.0	0.0	15.0	0.0
18	0.0	0.0	0.0	10.0	55.0	0.0	0.0	5.0	0.0	0.0	5.0	0.0
19	0.0	0.0	0.0	0.0	10.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	15.0	5.0	0.0	10.0	15.0	0.0	20.0	0.0	0.0
21	0.0	0.0	0.0	40.0	10.0	0.0	10.0	0.0	20.0	20.0	0.0	0.0
22	0.0	20.0	0.0	0.0	15.0	0.0	5.0	0.0	0.0	25.0	0.0	0.0
23	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	30.0	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	15.0	0.0	0.0	15.0	20.0	0.0	0.0	10.0	0.0
26	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	5.0	5.0	0.0
28	0.0	10.0	0.0	5.0	0.0	0.0	0.0	10.0	0.0	20.0	0.0	0.0
29	0.0	0.0	0.0	15.0	45.0	0.0	0.0	0.0	0.0	25.0	10.0	0.0
30	0.0	0.0	0.0	5.0	0.0	0.0	0.0	10.0	0.0	20.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	10.0	0.0	0.0
Total D. LI.	10.0	30.0	35.0	240.0	300.0	170.0	90.0	130.0	95.0	270.0	80.0	110.0
TOTALES ANUALES	1560.0 mm.											Dias lluvia 97

ESTACION: CUCHICUTE

MUNICIPIO: CURITI

AÑO: 1.983

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	22.0	0.0	7.0	26.0	0.0	4.0	0.0	4.0
2	0.0	0.0	0.0	2.0	3.0	1.0	8.0	4.0	3.0	10.0	10.0	0.0
3	0.0	0.0	0.0	0.0	15.0	17.0	10.0	10.0	0.0	33.0	6.0	4.0
4	0.0	0.0	0.0	0.0	11.0	7.0	0.0	0.0	2.0	0.0	0.0	17.0
5	3.0	0.0	0.0	0.0	0.0	3.0	16.0	34.0	0.0	9.0	0.0	5.0
6	2.0	0.0	20.0	0.0	23.0	8.0	0.0	12.0	1.0	10.0	0.0	2.0
7	0.0	18.0	0.0	16.0	0.0	3.0	8.0	0.0	0.0	0.0	0.0	2.0
8	0.0	0.0	0.0	9.0	5.0	0.0	0.0	0.0	6.0	3.0	0.0	4.0
9	0.0	1.0	0.0	10.0	0.0	9.0	16.0	0.0	63.0	1.0	0.0	4.0
10	0.0	0.0	0.0	9.0	13.0	13.0	0.0	0.0	0.0	0.0	1.0	1.0
11	1.0	0.0	0.0	10.0	0.0	2.0	0.0	0.0	3.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	7.0	2.0	0.0	0.0	4.0	0.0	0.0
13	0.0	0.0	0.0	0.0	3.0	10.0	0.0	0.0	0.0	3.0	0.0	0.0
14	0.0	0.0	0.0	0.0	2.0	7.0	0.0	0.0	20.0	0.0	2.0	1.0
15	0.0	0.0	0.0	12.0	10.0	0.0	14.0	2.0	0.0	8.0	0.0	4.0
16	0.0	0.0	0.0	6.0	1.0	1.0	0.0	0.0	16.0	0.0	0.0	0.0
17	0.0	0.0	0.0	5.0	40.0	0.0	6.0	9.0	2.0	11.0	7.0	0.0
18	0.0	0.0	0.0	0.0	36.0	0.0	2.0	0.0	1.0	18.0	0.0	0.0
19	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	1.0	2.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	6.0	9.0	3.0	2.0	0.0	0.0
21	0.0	7.0	0.0	31.0	6.0	5.0	1.0	10.0	10.0	3.0	0.0	0.0
22	0.0	0.0	0.0	0.0	20.0	0.0	20.0	4.0	2.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	45.0	0.0	7.0	15.0	1.0	12.0	0.0	0.0
24	0.0	7.0	8.0	0.0	0.0	0.0	0.0	15.0	2.0	33.0	0.0	0.0
25	0.0	0.0	2.0	8.0	2.0	0.0	0.0	8.0	3.0	6.0	1.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	10.0	0.0
27	2.0	0.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0	2.0	10.0	0.0
28	0.0	0.0	0.0	30.0	16.0	0.0	10.0	14.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	1.0	15.0	0.0	0.0	16.0	3.0	3.0	0.0	0.0
30	0.0	0.0	0.0	4.0	0.0	2.0	0.0	0.0	4.0	1.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0
Total D. LI.	8.0	33.0	30.0	163.0	295.0	123.0	156.0	215.0	192.0	178.0	37.0	48.0
TOTALES ANUALES	1482.0 mm.											Dias lluvia 111

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

ESTACION: CHECHES

MUNICIPIO: HATE

AÑO: 1.983

ALTITUD: 1.400

LATITUD: 6-32 N.

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	1.0	0.0	7.0	1.0	28.0	0.0	0.0	0.0
2	0.0	0.0	0.0	2.0	0.0	0.0	6.0	3.0	0.0	21.0	39.0	0.0
3	0.0	0.0	0.0	0.0	0.0	52.0	0.0	37.0	18.0	1.0	0.0	0.0
4	0.0	0.0	0.0	0.0	6.0	0.0	0.0	1.0	0.0	0.0	0.0	9.0
5	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	12.0
6	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	19.0	54.0	0.0	0.0
7	0.0	0.0	4.0	14.0	5.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	16.0	6.0	0.0	0.0	6.0	0.0	2.0	21.0
9	0.0	0.0	0.0	25.0	0.0	5.0	18.0	0.0	0.0	26.0	2.0	0.0
10	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
11	0.0	0.0	0.0	3.0	0.0	45.0	0.0	0.0	0.0	6.0	0.0	0.0
12	2.0	0.0	0.0	1.0	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	2.0	6.0	0.0	5.0	19.0	0.0	4.0
14	0.0	0.0	0.0	0.0	13.0	1.0	2.0	4.0	2.0	0.0	0.0	0.0
15	0.0	0.0	0.0	24.0	7.0	4.0	0.0	5.0	4.0	20.0	0.0	0.0
16	0.0	0.0	0.0	0.0	13.0	0.0	4.0	8.0	0.0	5.0	6.0	0.0
17	0.0	0.0	25.0	0.0	0.0	0.0	10.0	25.0	0.0	0.0	7.0	0.0
18	0.0	0.0	0.0	0.0	57.0	0.0	0.0	4.0	0.0	0.0	0.0	6.0
19	0.0	0.0	0.0	31.0	0.0	0.0	29.0	17.0	7.0	20.0	0.0	0.0
20	0.0	0.0	0.0	16.0	25.0	0.0	0.0	12.0	5.0	5.0	0.0	0.0
21	0.0	0.0	0.0	51.0	0.0	0.0	0.0	5.0	8.0	30.0	0.0	0.0
22	0.0	7.0	0.0	0.0	7.0	19.0	13.0	0.0	9.0	2.0	0.0	0.0
23	0.0	0.0	0.0	0.0	24.0	0.0	1.0	5.0	0.0	4.0	0.0	0.0
24	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
25	0.0	0.0	0.0	7.0	34.0	0.0	0.0	45.0	10.0	19.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	7.0	0.0	0.0	0.0
27	0.0	0.0	0.0	32.0	5.0	0.0	12.0	0.0	0.0	1.0	10.0	0.0
28	0.0	5.0	0.0	0.0	3.0	0.0	0.0	17.0	0.0	52.0	0.0	0.0
29	0.0	0.0	0.0	25.0	18.0	0.0	0.0	0.0	30.0	5.0	0.0	0.0
30	0.0	0.0	0.0	4.0	0.0	28.0	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	12.0	0.0	0.0	30.0	0.0	0.0
Total D. LL.	14.0 2	14.0 3	12.0 3	301.0 15	297.0 17	50.0 12	30.0 13	189.0 15	165.0 16	341.0 19	78.0 7	54.0 5
TOTALES ANUALES	1785.0 mm.									127 Dias lluvia		

ESTACION: LAS FLORES

MUNICIPIO: PIKCHTE

AÑO: 1.983

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	0.0	0.0	0.0	1.0	3.0	7.0	0.3	5.0	4.0	0.0	0.0	8.0
2	0.0	0.0	0.0	11.0	2.0	0.0	0.3	2.0	0.0	0.0	32.0	0.0
3	2.0	0.0	0.0	0.0	0.0	37.0	0.0	8.0	4.0	4.0	4.0	16.0
4	0.0	0.0	0.0	0.0	7.0	5.0	2.0	2.0	7.0	0.0	0.0	6.0
5	0.0	0.0	0.0	0.0	0.0	19.0	3.0	5.0	5.0	4.0	0.0	25.0
6	0.0	0.0	26.0	71.0	11.0	3.0	2.0	10.0	3.0	0.0	0.0	22.0
7	0.0	7.0	0.0	3.0	9.0	2.0	0.0	3.0	11.0	5.0	0.0	17.0
8	0.0	0.0	0.0	20.0	0.0	0.0	9.0	0.0	4.0	0.0	0.0	5.0
9	0.0	0.0	0.0	36.0	14.0	14.0	34.0	6.0	3.0	14.0	0.0	4.0
10	0.0	0.0	0.0	0.0	0.0	74.0	3.0	0.0	0.0	2.0	0.0	2.0
11	0.0	0.0	0.0	0.0	0.0	19.0	2.0	1.0	0.0	1.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	4.0	0.0	10.0	7.0	0.0	0.0	16.0	0.0	0.0
14	0.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	15.0	0.0	7.0	5.0
15	0.0	0.0	0.0	19.0	5.0	3.0	3.0	9.0	0.0	20.0	0.0	2.0
16	0.0	0.0	0.0	3.0	0.0	7.0	3.0	11.0	4.0	4.0	0.0	0.0
17	0.0	7.0	0.0	0.0	45.0	5.0	7.0	0.0	2.0	0.0	22.0	4.0
18	0.0	0.0	0.0	0.0	15.0	12.0	19.0	7.0	2.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	29.0	0.0	7.0	26.0	4.0	10.0	0.0	0.0
20	0.0	0.0	0.0	15.0	7.0	5.0	0.0	10.0	11.0	5.0	0.0	0.0
21	0.0	3.0	0.0	20.0	6.0	0.0	7.0	6.0	8.0	10.0	2.0	0.0
22	0.0	0.0	0.0	0.0	17.0	0.0	8.0	4.0	11.0	2.0	0.0	0.0
23	0.0	0.0	0.0	0.0	10.0	0.0	5.0	8.0	0.0	9.0	0.0	0.0
24	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	2.0	0.0
25	0.0	0.0	0.0	16.0	0.0	3.0	0.0	14.0	4.0	4.0	0.0	0.0
26	0.0	0.0	0.0	4.0	0.0	6.0	0.0	0.0	5.0	0.0	0.0	0.0
27	2.0	0.0	0.0	6.0	3.0	1.6	5.0	0.0	3.0	11.0	9.0	0.0
28	10.0	0.0	0.0	28.0	3.0	30.0	0.0	8.0	1.0	16.0	0.0	0.0
29	0.0	0.0	0.0	1.0	13.0	0.0	0.0	7.0	39.0	2.0	0.0	0.0
30	0.0	0.0	0.0	14.0	0.0	17.0	0.0	0.0	0.0	8.0	0.0	0.0
31	0.0	0.0	0.0	0.0	4.0	0.0	8.0	0.0	0.0	5.0	0.0	0.0
Total D. LL.	14.0 3	17.0 3	32.0 3	275.0 18	219.0 15	281.0 21	56.6 22	152.0 20	155.0 22	152.0 20	78.0 7	118.0 12
TOTALES ANUALES	1649.6 mm.									170 Dias lluvia		

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

ESTACION: LA LAGUNA

MUNICIPIO: PAFANC

AÑO: 1.983

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	20.0	8.0		15.0	0.0			
2	0.0	0.0	0.0	28.0	0.0	10.0		12.0	0.0			
3	0.0	0.0	27.0	0.0	0.0	0.0		0.0	0.0			
4	0.0	10.0	0.0	0.0	15.0	20.0		15.0	0.0			
5	0.0	8.0	0.0	0.0	0.0	0.0		0.0	15.0			
6	0.0	0.0	0.0	30.0	0.0	10.0		12.0	9.0			
7	0.0	0.0	0.0	20.0	0.0	0.0		0.0	0.0			
8	0.0	0.0	0.0	50.0	0.0	5.0		0.0	0.0			
9	0.0	0.0	0.0	10.0	5.0	0.0		0.0	0.0			
10	0.0	0.0	0.0	24.0	0.0	65.0		0.0	0.0			
11	0.0	0.0	0.0	0.0	7.0	70.0		0.0	0.0			
12	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0			
13	0.0	0.0	0.0	18.0	0.0	0.0		10.0	0.0			
14	0.0	0.0	0.0	0.0	0.0	10.0		0.0	0.0			
15	0.0	0.0	0.0	20.0	40.0	0.0		18.0	0.0			
16	0.0	0.0	0.0	0.0	0.0	5.0		0.0	0.0			
17	0.0	0.0	0.0	0.0	0.0	0.0		20.0	0.0			
18	0.0	0.0	0.0	0.0	0.0	10.0		10.0	0.0			
19	0.0	0.0	0.0	40.0	5.0	0.0		18.0	0.0			
20	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0			
21	0.0	0.0	0.0	15.0	7.0	0.0		15.0	0.0			
22	0.0	0.0	0.0	18.0	0.0	0.0		0.0	0.0			
23	0.0	0.0	0.0	0.0	0.0	10.0		0.0	0.0			
24	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0			
25	0.0	0.0	0.0	12.0	10.0	0.0		18.0	0.0			
26	0.0	0.0	0.0	0.0	0.0	20.0		0.0	0.0			
27	0.0	0.0	0.0	18.0	12.0	0.0		0.0	0.0			
28	0.0	0.0	0.0	0.0	0.0	18.0		0.0	0.0			
29	0.0	0.0	0.0	50.0	5.0	0.0		0.0	0.0			
30	18.0	0.0	0.0	0.0	0.0	24.0		0.0	0.0			
31	0.0	0.0	0.0	0.0	0.0	0.0		10.0	0.0			
Total	18.0	18.0	27.0	353.0	134.0	289.0		173.0	24.0			
D. LI.	1	2	1	14	11	14		12	2			

TOTALES ANUALES

mm.

57

Dias  
lluvia

ESTACION: VILLANUEVA

MUNICIPIO: CHARALA

AÑO: 1.983

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		4.0	32.0	8.0	0.0	0.0	0.0	8.0	20.0
2	0.0	0.0	0.0		26.0	0.0	4.0	4.0	77.0	0.0	22.0	0.0
3	0.0	0.0	0.0		6.0	12.0	2.0	0.0	0.0	0.0	0.0	0.0
4	24.0	0.0	22.0		37.0	2.0	0.0	0.0	8.0	0.0	44.0	38.0
5	0.0	34.0	0.0		12.0	16.0	0.0	0.0	0.0	0.0	4.0	4.0
6	0.0	0.0	0.0		8.0	0.0	39.0	0.0	0.0	48.0	12.0	12.0
7	12.0	8.0	13.0		4.0	24.0	2.0	0.0	4.0	0.0	0.0	8.0
8	0.0	0.0	0.0		18.0	12.0	0.0	0.0	0.0	0.0	10.0	0.0
9	0.0	0.0	0.0		2.0	0.0	8.0	0.0	12.0	4.0	4.0	8.0
10	18.0	0.0	0.0		0.0	0.0	4.0	0.0	0.0	0.0	22.0	10.0
11	0.0	0.0	0.0		28.0	0.0	0.0	0.0	24.0	0.0	6.0	6.0
12	0.0	0.0	0.0		49.0	2.0	0.0	0.0	0.0	32.0	2.0	4.0
13	0.0	0.0	0.0		4.0	0.0	0.0	0.0	0.0	0.0	12.0	60.0
14	0.0	0.0	0.0		25.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0		8.0	0.0	0.0	0.0	0.0	52.0	24.0	8.0
16	8.0	0.0	38.0		19.0	40.0	0.0	0.0	0.0	0.0	6.0	2.0
17	0.0	0.0	0.0		80.0	0.0	0.0	70.0	0.0	0.0	12.0	22.0
18	0.0	8.0	32.0		12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0		8.0	0.0	0.0	6.0	8.0	64.0	0.0	8.0
20	0.0	0.0	0.0		22.0	12.0	0.0	2.0	0.0	10.0	48.0	0.0
21	0.0	0.0	0.0		26.0	4.0	12.0	0.0	0.0	0.0	4.0	18.0
22	0.0	0.0	28.0		20.0	0.0	0.0	14.0	0.0	18.0	24.0	0.0
23	0.0	0.0	32.0		50.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
24	0.0	0.0	0.0		14.0	0.0	0.0	2.0	68.0	12.0	18.0	4.0
25	0.0	0.0	36.0		54.0	0.0	0.0	58.0	0.0	0.0	10.0	0.0
26	0.0	0.0	88.0		6.0	0.0	0.0	0.0	0.0	76.0	0.0	6.0
27	0.0	0.0	0.0		0.0	20.0	10.0	0.0	4.0	6.0	0.0	0.0
28	0.0	0.0	51.0		0.0	0.0	12.0	74.0	0.0	56.0	4.0	0.0
29	0.0	0.0	0.0		12.0	22.0	0.0	0.0	8.0	10.0	6.0	0.0
30	0.0	0.0	12.0		4.0	0.0	6.0	0.0	0.0	14.0	0.0	4.0
31	0.0	0.0	0.0		18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	62.0	50.0	469.0		576.0	240.0	97.0	230.0	213.0	406.0	302.0	242.0
D. LI.	4	3	10		28	14	10	8	9	14	21	18

TOTALES ANUALES

mm.

Dias  
lluvia

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

ESTACION: CHAPA

MUNICIPIO: CHARALA

AÑO: 1983

ALTITUD: 1.600

LATITUD: 6-17 N.

LONGITUD: 73-08 W.

DIA	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT	OCTUBRE	NOV	DEC.	
1	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	5.0	10.0	0.0	8.0	2.0	15.0	39.0	0.0	
3	0.0	0.0	0.0	0.0	10.0	15.0	5.0	10.0	0.0	0.0	0.0	11.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	5.0	0.0	4.0	
5	5.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	0.0	4.0	6.0	
6	4.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	24.0	
7	0.0	0.0	0.0	58.0	28.0	15.0	2.0	0.0	15.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	27.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	20.0	
9	0.0	0.0	0.0	35.0	0.0	0.0	20.0	0.0	5.0	26.0	0.0	20.0	
10	2.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	8.0	15.0	0.0	30.0	
11	2.0	0.0	0.0	0.0	14.0	0.0	15.0	7.0	0.0	38.0	22.0	14.0	
12	0.0	0.0	0.0	0.0	1.0	0.0	4.0	0.0	8.0	0.0	9.0	4.0	
13	0.0	0.0	0.0	21.0	4.0	18.0	0.0	0.0	0.0	5.0	0.0	0.0	
14	0.0	0.0	7.0	0.0	15.0	10.0	26.0	0.0	5.0	10.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	25.0	13.0	0.0	8.0	6.0	38.0	19.0	2.0	
16	3.0	0.0	0.0	6.0	15.0	0.0	0.0	0.0	13.0	0.0	9.0	3.0	
17	0.0	0.0	5.0	1.0	6.0	0.0	16.0	0.0	40.0	13.0	9.0	6.0	
18	0.0	0.0	0.0	21.0	30.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	11.0	34.0	0.0	12.0	2.0	5.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	9.0	5.0	8.0	0.0	13.0	8.0	48.0	0.0	0.0	
21	0.0	0.0	0.0	8.0	16.0	0.0	0.0	0.0	3.0	0.0	0.0	20.0	
22	0.0	0.0	2.0	0.0	11.0	0.0	0.0	0.0	5.0	18.0	0.0	23.0	
23	0.0	0.0	0.0	4.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	
24	0.0	0.0	13.0	8.0	0.0	0.0	0.0	2.0	0.0	0.0	8.0	35.0	
25	0.0	0.0	9.0	22.0	10.0	21.0	9.0	0.0	36.0	30.0	13.0	0.0	
26	0.0	0.0	19.0	20.0	45.0	10.0	0.0	0.0	0.0	0.0	0.0	33.0	
27	0.0	0.0	0.0	48.0	0.0	8.0	5.0	15.0	7.0	58.0	20.0	0.0	
28	0.0	0.0	0.0	15.0	18.0	0.0	18.0	0.0	0.0	34.0	4.0	0.0	
29	0.0	0.0	0.0	0.0	30.0	5.0	0.0	7.0	2.0	12.0	0.0	0.0	
30	0.0	0.0	0.0	6.0	15.0	10.0	0.0	0.0	0.0	23.0	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	16.0	39.0	55.0	408.0	425.0	141.0	112.0	74.0	194.0	403.0	186.0	264.0	
D. LL.	5	3	6	21	22	13	9	10	20	17	12	17	
TOTALES ANUALES							2317.0 mm.			155			Días lluvia

ESTACION: SEVILLA

MUNICIPIO: GUADALUPE

AÑO: 1983

ALTITUD: 1.390

LATITUD: 6-15 N.

LONGITUD: 73-25 W.

DIA	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DEC.	
1	0.0	0.0	0.0	0.0	25.0	10.0	5.0	0.0	0.0	0.0	0.0	0.5	
2	0.0	0.0	0.0	4.0	5.0	30.0	0.0	0.0	10.0	0.0	0.0	23.0	
3	0.0	0.0	0.0	0.0	19.0	15.0	0.0	12.0	0.0	0.0	15.0	15.0	
4	0.0	0.0	25.0	0.0	2.0	19.0	0.0	0.0	0.0	0.0	0.0	30.0	
5	0.0	12.0	0.0	32.0	0.0	12.0	0.0	4.0	30.0	0.0	28.0	0.0	
6	0.0	6.0	0.0	0.0	0.0	9.0	0.0	10.0	5.0	0.0	20.0	0.0	
7	0.0	0.0	4.0	0.0	18.0	0.0	0.0	28.0	1.0	5.0	0.0	15.0	
8	0.0	0.0	10.0	0.0	0.0	0.0	10.0	0.0	3.0	0.0	25.0	10.0	
9	0.0	0.0	0.0	0.0	10.0	0.0	5.0	18.0	10.0	35.0	0.0	35.0	
10	20.0	0.0	0.0	0.0	8.0	5.0	12.0	0.0	0.0	0.0	0.0	38.0	
11	14.0	0.0	0.0	0.0	20.0	5.0	0.0	8.0	8.0	10.0	35.0	35.0	
12	0.0	0.0	0.0	6.0	18.0	3.0	3.0	0.0	0.0	32.0	0.0	55.0	
13	0.0	0.0	0.0	35.0	0.0	0.0	32.0	0.0	15.0	22.0	35.0	10.0	
14	0.0	0.0	8.0	22.0	35.0	0.0	10.0	0.0	10.0	0.0	0.0	30.0	
15	0.0	0.0	0.0	91.0	60.0	0.0	0.0	0.0	12.0	0.0	0.0	17.0	
16	0.0	30.0	25.0	35.0	20.0	10.0	5.0	28.0	3.0	0.0	10.0	40.0	
17	0.0	0.0	0.0	20.0	42.0	20.0	0.0	23.0	4.0	6.0	0.0	35.0	
18	0.0	0.0	0.0	10.0	83.0	0.0	0.0	28.0	21.0	8.0	0.0	6.0	
19	0.0	0.0	0.0	5.0	5.0	0.0	62.0	19.0	0.0	0.0	0.0	0.0	
20	0.0	15.0	0.0	27.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	15.0	8.0	3.0	3.0	13.0	0.0	16.0	6.0	0.0	
22	0.0	0.0	28.0	40.0	2.0	0.0	10.0	18.0	12.0	0.0	0.0	3.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	6.0	30.0	31.0	50.0	
24	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	2.0	0.0	5.0	0.0	32.0	5.0	15.0	35.0	0.0	0.0	6.0	0.0	
26	0.0	0.0	0.0	20.0	19.0	0.0	0.0	0.0	18.0	102.0	41.0	10.0	
27	0.0	10.0	0.0	95.0	0.0	0.0	0.0	0.0	10.0	85.0	45.0	20.0	
28	0.0	10.0	0.0	5.0	0.0	10.0	6.0	10.0	0.0	0.0	74.0	0.0	
29	0.0	0.0	3.0	0.0	25.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
30	0.0	0.0	0.0	30.0	0.0	10.0	25.0	22.0	35.0	50.0	0.5	50.0	
31	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total	36.0	63.0	148.0	511.0	508.0	221.0	203.0	291.0	203.0	421.0	399.5	527.5	
D. LL.	3	6	9	18	22	16	14	16	17	13	15	21	
TOTALES ANUALES							3552.0 mm.			172			Días lluvia

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

ESTACION: CIELO ROTO

MUNICIPIO: SUAITA

AÑO: 1.983

ALTITUD: 1.540

LATITUD: 6-07 N.

LONGITUD: 73-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT	OCTUBRE	NOV	DIC.
1	10.0	0.0	0.0	5.0	10.0							
2	0.0	0.0	0.0	0.0	5.0							
3	0.0	30.0	0.0	0.0	6.0							
4	0.0	0.0	0.0	15.0	15.0							
5	0.0	0.0	5.0	0.0	11.0							
6	0.0	0.0	0.0	0.0	0.0							
7	0.0	0.0	0.0	0.0	1.0							
8	0.0	0.0	0.0	10.0	0.0							
9	0.0	0.0	0.0	0.0	10.0							
10	0.0	0.0	20.0	20.0	20.0							
11	0.0	0.0	0.0	10.0	15.0							
12	0.0	0.0	0.0	35.0	11.0							
13	0.0	0.0	0.0	20.0	12.0							
14	0.0	0.0	0.0	22.0	5.0							
15	0.0	0.0	0.0	34.0	0.0							
16	0.0	0.0	25.0	0.0	0.0							
17	0.0	0.0	0.0	0.0	0.0							
18	0.0	20.0	20.0	0.0	30.0							
19	0.0	0.0	0.0	0.0	5.0							
20	0.0	0.0	0.0	10.0	0.0							
21	0.0	0.0	0.0	20.0	0.0							
22	0.0	0.0	0.0	10.0	1.0							
23	0.0	0.0	10.0	25.0	2.0							
24	10.0	0.0	30.0	0.0	0.0							
25	0.0	0.0	0.0	30.0	0.0							
26	0.0	0.0	10.0	20.0	12.0							
27	0.0	0.0	15.0	15.0	10.0							
28	5.0	0.0	0.0	10.0	0.0							
29	0.0	0.0	10.0	0.0	30.0							
30	0.0	0.0	0.0	25.0	10.0							
31	0.0	0.0	20.0	0.0	0.0							
Total D. Ll.	25.0 3	35.0 5	165.0 10	341.0 18	227.0 20							
TOTALES ANUALES											Días lluvia	

mm.

ESTACION: EL RECREO

MUNICIPIO: SUAITA

AÑO: 1.983

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	0.0	0.0	15.0	40.0	26.0	15.0	0.0	0.0	8.0	24.0	0.0
2	0.0	0.0	0.0	0.0	10.0	0.0	8.0	8.0	8.0	0.0	0.0	8.0
3	0.0	0.0	0.0	14.0	8.0	54.0	0.0	0.0	0.0	0.0	28.0	6.0
4	0.0	0.0	15.0	24.0	0.0	0.0	0.0	0.0	0.0	4.0	34.0	0.0
5	15.0	14.0	0.0	0.0	0.0	0.0	7.0	16.0	6.0	15.0	0.0	0.0
6	0.0	11.0	0.0	0.0	6.0	21.0	16.0	0.0	0.0	0.0	0.0	3.0
7	14.0	0.0	0.0	21.0	16.0	16.0	0.0	0.0	0.0	0.0	14.0	7.0
8	0.0	4.0	0.0	40.0	0.0	0.0	0.0	6.0	7.0	30.0	0.0	12.0
9	24.0	0.0	26.0	0.0	0.0	0.0	28.0	7.0	0.0	0.0	18.0	0.0
10	26.0	0.0	0.0	0.0	12.0	7.0	0.0	0.0	12.0	8.0	20.0	13.0
11	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0
12	0.0	0.0	0.0	13.0	90.0	0.0	26.0	9.0	0.0	0.0	0.0	0.0
13	0.0	0.0	8.0	17.0	18.0	8.0	17.0	11.0	14.0	0.0	31.0	30.0
14	0.0	0.0	0.0	0.0	0.0	14.0	13.0	0.0	0.0	0.0	0.0	26.0
15	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	9.0	14.0	0.0	0.0
16	0.0	9.0	0.0	16.0	40.0	0.0	0.0	4.0	7.0	25.0	8.0	0.0
17	0.0	0.0	0.0	29.0	0.0	19.0	0.0	25.0	11.0	0.0	12.0	12.0
18	0.0	0.0	14.0	15.0	0.0	24.0	16.0	0.0	16.0	0.0	0.0	7.0
19	0.0	0.0	0.0	11.0	30.0	8.0	8.0	0.0	0.0	0.0	15.0	0.0
20	11.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	30.0	28.0	11.0
21	0.0	29.0	0.0	17.0	17.0	0.0	0.0	18.0	0.0	16.0	0.0	0.0
22	0.0	0.0	8.0	30.0	36.0	0.0	14.0	15.0	3.0	0.0	0.0	0.0
23	13.0	0.0	6.0	0.0	48.0	0.0	0.0	9.0	7.0	0.0	32.0	17.0
24	0.0	0.0	0.0	18.0	29.0	11.0	0.0	0.0	0.0	6.0	15.0	21.0
25	0.0	0.0	0.0	9.0	0.0	5.0	0.0	0.0	4.0	18.0	0.0	18.0
26	0.0	0.0	0.0	6.0	0.0	17.0	11.0	4.0	0.0	22.0	18.0	0.0
27	0.0	0.0	0.0	5.0	13.0	0.0	0.0	7.0	0.0	45.0	22.0	0.0
28	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	4.0	0.0	16.0	14.0
29	0.0	0.0	0.0	0.0	0.0	13.0	12.0	6.0	6.0	9.0	0.0	24.0
30	0.0	0.0	0.0	14.0	26.0	36.0	10.0	13.0	6.0	18.0	16.0	40.0
31	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	16.0	0.0	14.0
Total D. Ll.	103.0 6	67.0 5	77.0 6	347.0 20	597.0 12	285.0 16	215.0 15	158.0 15	120.0 15	309.0 17	351.0 17	283.0 18
TOTALES ANUALES											Días lluvia	

2912.0 mm.

168

Días  
lluvia

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

ESTACION: CITE

MUNICIPIO: BARBOSA

AÑO: 1.983

ALTITUD: 1.600

LATITUD: 5-55 N.

LONGITUD: 73-36 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	0.0	0.0	12.0	0.0	6.0	5.0	5.0	10.0	5.0	4.0	0.0	5.0		
2	0.0	3.0	3.0	0.0	1.0	10.0	4.0	5.0	20.0	0.0	0.0	4.0		
3	0.0	0.0	0.0	0.0	0.0	5.0	4.0	3.0	0.0	0.0	0.0	0.0		
4	0.0	0.0	1.0	5.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	4.0	0.0	5.0	0.0	0.0	0.0	10.0	0.0	10.0		
6	0.0	0.0	0.0	0.0	2.0	10.0	0.0	0.0	5.0	2.0	0.0	5.0		
7	0.0	0.0	0.0	10.0	5.0	4.0	0.0	0.0	0.0	0.0	0.0	2.0		
8	0.0	0.0	0.0	20.0	10.0	11.0	0.0	0.0	0.0	3.0	0.0	10.0		
9	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0		
10	0.0	0.0	0.0	10.0	20.0	1.0	0.0	0.0	0.0	0.0	5.0	6.0		
11	0.0	0.0	3.0	5.0	5.0	10.0	0.0	0.0	0.0	0.0	7.0	8.0		
12	0.0	0.0	0.0	1.0	10.0	5.0	5.0	0.0	4.0	5.0	0.0	10.0		
13	0.0	0.0	0.0	1.0	10.0	3.0	0.0	0.0	0.0	10.0	0.0	11.0		
14	0.0	0.0	0.0	0.0	0.0	8.0	2.0	0.0	0.0	4.0	0.0	5.0		
15	0.0	0.0	0.0	3.0	5.0	3.0	0.0	0.0	10.0	2.0	5.0	3.0		
16	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0		
17	0.0	0.0	0.0	10.0	5.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	7.0	0.0	10.0	11.0	0.0	0.0	0.0	5.0	8.0	0.0	0.0		
19	0.0	0.0	0.0	10.0	8.0	10.0	5.0	0.0	2.0	0.0	0.0	0.0		
20	0.0	0.0	0.0	10.0	4.0	8.0	6.0	0.0	1.0	5.0	0.0	0.0		
21	0.0	5.0	0.0	0.0	7.0	6.0	0.0	4.0	0.0	0.0	0.0	0.0		
22	0.0	2.0	10.0	0.0	5.0	4.0	6.0	0.0	10.0	11.0	0.0	0.0		
23	0.0	0.0	0.0	11.0	0.0	0.0	0.0	20.0	11.0	4.0	0.0	0.0		
24	0.0	0.0	0.0	4.0	0.0	3.0	0.0	15.0	11.0	2.0	0.0	0.0		
25	0.0	0.0	0.0	8.0	20.0	0.0	0.0	4.0	5.0	10.0	0.0	0.0		
26	0.0	0.0	0.0	12.0	10.0	18.0	5.0	2.0	5.0	2.0	0.0	10.0		
27	0.0	10.0	0.0	10.0	11.0	10.0	8.0	0.0	10.0	5.0	0.0	0.0		
28	0.0	4.0	0.0	10.0	8.0	4.0	2.0	4.0	11.0	8.0	0.0	4.0		
29	0.0	0.0	0.0	10.0	10.0	5.0	0.0	0.0	10.0	10.0	5.0	0.0		
30	0.0	0.0	0.0	20.0	20.0	10.0	10.0	1.0	5.0	5.0	10.0	5.0		
31	0.0	0.0	0.0	0.0	19.0	0.0	20.0	10.0	0.0	0.0	0.0	0.0		
Total D. Ll.	0.0 0	85.0 6	53.0 4	22.0 24	250.0 27	55.0 24	161.0 16	115.0 13	16.0 18	16.0 21	49.0 11	33.0 17		
TOTALES ANUALES											1635.0	mm.	181	Dias lluvia

ESTACION: BUENAVISTA

MUNICIPIO: BARBOSA

AÑO: 1.983

ALTITUD: 1.800

LATITUD: 5-55 N.

LONGITUD: 73-39 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	0.0	0.0	6.0	9.0	4.0	3.0	3.0	0.0	6.0	6.0	2.0	20.0		
2	0.0	0.0	0.0	0.0	3.0	6.0	0.0	4.0	11.0	6.0	11.0	0.0		
3	0.0	3.0	0.0	35.0	26.0	8.0	4.0	6.0	0.0	7.0	0.0	0.0		
4	0.0	0.0	39.0	5.0	4.0	17.0	4.0	7.0	0.0	0.0	0.0	4.0		
5	14.0	0.0	0.0	38.0	3.0	3.0	6.0	0.0	3.0	0.0	0.0	25.0		
6	0.0	2.0	0.0	0.0	5.0	6.0	3.0	29.0	9.0	0.0	0.0	20.0		
7	0.0	0.0	0.0	0.0	3.0	11.0	0.0	0.0	0.0	8.0	0.0	3.0		
8	0.0	0.0	12.0	62.0	0.0	4.0	0.0	0.0	9.0	0.0	0.0	23.0		
9	0.0	0.0	4.0	44.0	10.0	0.0	4.0	0.0	0.0	10.0	13.0	1.0		
10	0.0	4.0	6.0	3.0	8.0	12.0	8.0	0.0	0.0	30.0	17.0	0.0		
11	0.0	0.0	8.0	0.0	6.0	15.0	0.0	0.0	3.0	59.0	0.0	0.0		
12	0.0	0.0	0.0	0.0	7.0	15.0	0.0	0.0	0.0	10.0	0.0	0.0		
13	0.0	0.0	6.0	0.0	0.0	6.0	0.0	0.0	0.0	20.0	0.0	5.0		
14	0.0	0.0	0.0	26.0	0.0	0.0	6.0	0.0	5.0	7.0	0.0	6.0		
15	0.0	0.0	0.0	28.0	36.0	0.0	0.0	0.0	0.0	1.0	1.0	35.0		
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
17	0.0	8.0	3.0	6.0	17.0	12.0	11.0	0.0	0.0	0.0	0.0	5.0		
18	0.0	0.0	3.0	12.0	7.0	0.0	0.0	3.0	10.0	3.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
20	0.0	12.0	0.0	0.0	27.0	0.0	0.0	0.0	10.0	10.0	29.0	14.0		
21	0.0	28.0	0.0	17.0	13.0	0.0	3.0	3.0	24.0	0.0	5.0	4.0		
22	0.0	0.0	16.0	19.0	10.0	0.0	11.0	5.0	12.0	1.0	4.0	0.0		
23	0.0	7.0	0.0	10.0	11.0	0.0	0.0	25.0	0.0	20.0	5.0	2.0		
24	0.0	0.0	5.0	8.0	0.0	0.0	0.0	3.0	0.0	30.0	3.0	10.0		
25	0.0	4.0	3.0	20.0	13.0	17.0	0.0	4.0	0.0	20.0	0.0	3.0		
26	0.0	5.0	0.0	12.0	4.0	0.0	0.0	0.0	0.0	5.0	1.0	1.0		
27	0.0	5.0	0.0	14.0	22.0	0.0	6.0	0.0	14.0	20.0	16.0	0.0		
28	0.0	0.0	0.0	16.0	13.0	0.0	0.0	6.0	0.0	21.0	18.0	7.0		
29	0.0	0.0	0.0	8.0	0.0	0.0	8.0	6.0	0.0	17.0	10.0	5.0		
30	0.0	0.0	0.0	7.0	0.0	0.0	18.0	0.0	0.0	8.0	0.0	4.0		
31	0.0	0.0	0.0	0.0	12.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0		
Total D. Ll.	14.0 1	83.0 11	108.0 11	399.0 21	284.0 24	135.0 14	95.0 14	115.0 14	16.0 12	346.0 24	146.0 15	199.0 21		
TOTALES ANUALES											2040.0	mm.	182	Dias lluvia

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

ESTACION: LA CUMBRE

MUNICIPIO: PUENTE NACIONAL

AÑO: 1.983

ALTITUD: 1.650

LATITUD: 5-53 N.

LONGITUD: 73-43 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DEC.
1	0.0	0.0	9.0	0.0	0.0	35.0	13.0	0.0	19.0	0.0	2.0	2.0
2	0.0	0.0	0.0	0.0	0.0	0.0	3.0	4.0	0.0	0.0	0.0	4.0
3	0.0	5.0	0.0	10.0	0.0	10.0	0.0	20.0	17.0	17.0	4.0	6.0
4	3.0	20.0	0.0	0.0	0.0	25.0	7.0	15.0	0.0	0.0	1.0	20.0
5	25.0	3.0	0.0	9.0	0.0	0.0	10.0	0.0	10.0	0.0	8.0	9.0
6	7.0	1.0	0.0	14.0	0.0	11.0	0.0	0.0	10.0	0.0	0.0	9.0
7	0.0	0.0	10.0	12.0	0.0	9.0	3.0	0.0	0.0	10.0	0.0	10.0
8	0.0	0.0	0.0	14.0	0.0	0.0	7.0	0.0	0.0	9.0	15.0	32.0
9	0.0	0.0	23.0	10.0	0.0	11.0	0.0	0.0	2.0	0.0	13.0	4.0
10	6.0	0.0	38.0	17.0	0.0	29.0	0.0	0.0	6.0	11.0	40.0	10.0
11	0.0	0.0	5.0	2.0	0.0	11.0	4.0	0.0	29.0	13.0	10.0	10.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	51.0	0.0
13	0.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	9.0	3.0	1.0	0.0
14	0.0	0.0	3.0	3.0	0.0	0.0	9.0	0.0	30.0	0.0	5.0	0.0
15	0.0	0.0	0.0	4.0	0.0	0.0	4.0	0.0	14.0	8.0	27.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	5.0	0.0
17	0.0	0.0	11.0	2.0	0.0	0.0	0.0	0.0	0.0	11.0	15.0	0.0
18	0.0	5.0	0.0	53.0	0.0	11.0	0.0	0.0	15.0	19.0	0.0	6.0
19	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	2.0	0.0
20	0.0	0.0	0.0	18.0	0.0	6.0	15.0	0.0	0.0	0.0	2.0	0.0
21	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	10.0	0.0	19.0	0.0	0.0	0.0	0.0	10.0	0.0	31.0	0.0
23	0.0	0.0	0.0	4.0	0.0	0.0	0.0	10.0	4.0	0.0	1.0	0.0
24	0.0	0.0	0.0	11.0	0.0	0.0	0.0	16.0	0.0	11.0	36.0	1.0
25	0.0	0.0	0.0	10.0	0.0	0.0	0.0	8.0	20.0	0.0	12.0	2.0
26	4.0	0.0	14.0	10.0	0.0	35.0	0.0	2.0	0.0	19.0	0.0	0.0
27	0.0	25.0	0.0	12.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	28.0
28	0.0	0.0	0.0	60.0	0.0	0.0	17.0	0.0	0.0	2.0	10.0	0.0
29	0.0	0.0	23.0	0.0	0.0	0.0	0.0	3.0	0.0	15.0	25.0	2.0
30	0.0	0.0	0.0	21.0	0.0	0.0	51.0	10.0	0.0	49.0	1.0	2.0
31	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	12.0	25.0	24.0
Total	45.0	69.0	143.0	369.0	0.0	193.0	154.0	83.0	117.0	275.0	200.0	349.0
D. LL.	5	7	10	22	C	11	14	9	10	18	18	27
TOTALES ANUALES												
1997.0 mm. 151 Dias lluvia												

ESTACION: EL TANUBIO

MUNICIPIO: LANDAZURI

AÑO: 1.983

ALTITUD: 1.100

LATITUD: 6-13 N.

LONGITUD: 73-48 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DEC.
1	0.0	0.0	4.0	0.0	34.0	2.0	4.0	8.0	0.0	0.0	0.0	12.0
2	0.0	0.0	0.0	0.0	0.0	0.0	7.0	6.0	0.0	27.0	4.0	0.0
3	0.0	0.0	0.0	0.0	7.0	0.0	0.0	15.0	0.0	0.0	0.0	70.0
4	17.0	0.0	0.0	0.0	26.0	25.0	6.0	3.0	0.0	0.0	0.0	9.0
5	0.0	0.0	0.0	12.0	35.0	0.0	28.0	0.0	80.0	0.0	0.0	36.0
6	0.0	35.0	0.0	80.0	26.0	0.0	15.0	28.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	7.0	62.0	0.0	0.0	6.0	0.0	0.0	0.0	9.0	0.0
9	0.0	0.0	0.0	0.0	17.0	4.0	0.0	0.0	0.0	16.0	11.0	0.0
10	6.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	10.0	6.0	12.0	0.0
11	0.0	0.0	12.0	2.0	27.0	0.0	2.0	0.0	0.0	4.0	0.0	0.0
12	0.0	0.0	0.0	9.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	8.0	0.0	8.0
14	0.0	0.0	0.0	0.0	20.0	0.0	30.0	0.0	28.0	0.0	3.0	0.0
15	0.0	0.0	15.0	0.0	17.0	0.0	0.0	24.0	0.0	0.0	58.0	2.0
16	5.0	0.0	7.0	0.0	5.0	7.0	15.0	0.0	0.0	20.0	0.0	20.0
17	0.0	47.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0
19	0.0	0.0	0.0	0.0	13.0	0.0	3.0	22.0	10.0	4.0	0.0	0.0
20	0.0	0.0	0.0	35.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	12.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	11.0	0.0	10.0	29.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	34.0	0.0	0.0
23	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	19.0	0.0	0.0	0.0	0.0	15.0	0.0	80.0	0.0	0.0
25	0.0	0.0	3.0	0.0	2.0	0.0	0.0	5.0	35.0	0.0	0.0	0.0
26	0.0	28.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	2.0	0.0	0.0	0.0	24.0	0.0	0.0	51.0	0.0	0.0	0.0
28	34.0	0.0	0.0	34.0	0.0	44.0	73.0	0.0	4.0	0.0	80.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	12.0	0.0	1.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	15.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	22.0	0.0	12.0	0.0	0.0	50.0	0.0	55.0
Total	62.0	112.0	112.0	257.0	333.0	178.0	301.0	169.0	227.0	303.0	195.0	253.0
D. LL.	4	4	6	8	18	12	15	13	10	12	10	10
TOTALES ANUALES												
2502.0 mm. 122 Dias lluvia												

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

ESTACION: PALCCABILDO

MUNICIPIO: FALAN

AÑO: 1.983

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	19.0	0.0	0.0	3.0	51.0	0.0	19.0	0.0	3.0	0.0	0.0	0.0	
2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	28.0	0.0	
3	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	22.0	
4	43.0	0.0	5.0	0.0	0.0	24.0	0.0	9.0	9.0	0.0	0.0	5.0	
5	0.0	4.0	6.0	24.0	32.0	0.0	0.0	0.0	3.0	0.0	0.0	27.0	
6	0.0	0.0	16.0	4.0	0.0	0.0	0.0	21.0	12.0	0.0	0.0	10.0	
7	0.0	0.0	0.0	8.0	0.0	9.0	2.0	0.0	6.0	0.0	0.0	1.0	
8	0.0	2.0	0.0	12.0	0.0	5.0	2.0	0.0	7.0	0.0	4.0	6.0	
9	0.0	0.0	27.0	31.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	1.0	0.0	0.0	1.0	1.0	5.6	8.0	0.0	0.0	8.0	0.0	0.0	
11	0.0	1.0	76.0	2.0	0.0	5.0	10.0	6.0	0.0	1.0	64.0	0.0	
12	0.0	1.0	0.0	6.0	0.0	7.0	0.0	0.0	0.0	11.0	0.0	3.0	
13	7.0	0.0	10.0	5.0	0.0	0.0	0.0	0.0	39.0	3.0	5.0	0.0	
14	2.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	9.0	19.0	0.0	
15	5.0	0.0	0.0	18.0	39.0	0.0	0.0	0.0	0.0	90.0	0.0	0.0	
16	0.0	0.0	9.0	0.0	0.0	0.0	19.0	0.0	6.0	8.0	0.0	13.0	
17	0.0	1.0	0.0	9.0	11.0	0.0	0.0	0.0	0.0	0.0	25.0	2.0	
18	0.0	0.0	0.0	43.0	1.0	0.0	0.0	0.0	0.0	13.0	4.0	0.0	
19	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	2.0	8.0	0.0	30.0	
20	0.0	0.0	0.0	62.0	13.0	0.0	0.0	0.0	10.0	10.0	0.0	1.0	
21	0.0	3.0	0.0	5.0	35.0	0.0	0.0	0.0	3.0	11.0	0.0	0.0	
22	0.0	0.0	2.0	0.0	1.0	4.0	3.0	0.0	4.0	4.0	4.0	0.0	
23	0.0	0.0	0.0	4.0	13.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	
24	0.0	0.0	4.0	0.0	1.0	0.0	0.0	3.0	11.0	11.0	0.0	12.0	
25	0.0	0.0	5.0	5.0	2.0	0.0	0.0	0.0	3.0	50.0	11.0	0.0	
26	2.0	0.0	5.0	1.0	18.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0	
27	18.0	0.0	0.0	5.0	18.0	0.0	0.0	0.0	0.0	13.0	10.0	0.0	
28	0.0	0.0	56.0	0.0	90.0	1.0	2.0	7.0	0.0	51.0	23.0	0.0	
29	0.0	0.0	7.0	7.0	0.0	0.0	1.0	0.0	4.0	28.0	0.0	6.0	
30	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	3.0	28.0	26.0	
31	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0	3.0	0.0	2.0	
Total	98.0	50.0	297.0	385.0	349.0	64.0	95.0	76.0	52.0	409.0	225.0	166.0	
D. LL.	9	8	14	21	17	5	10	6	17	21	12	15	
TOTALES ANUALES								2366.0 mm.		159			Dias lluvia

ESTACION: LA MESA

MUNICIPIO: MARIQUITA

AÑO: 1.983

ALTITUD: 1.200

LATITUD: 5-11 N.

LONGITUD: 74-53 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	3.0	0.0	13.0	10.0	15.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	
2	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	8.0	0.0	
3	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	61.5	0.0	25.0	0.0	0.0	56.0	20.0	
5	0.0	0.0	57.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	
6	5.0	0.0	32.0	30.0	0.0	0.0	4.0	30.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
8	0.0	0.0	0.0	10.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
10	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	20.0	0.0	0.0	
11	0.0	0.0	35.0	0.0	0.0	65.0	25.0	3.0	0.0	15.0	0.0	0.0	
12	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	10.0	
13	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
15	0.0	6.0	0.0	20.0	45.0	0.0	0.0	0.0	10.0	25.0	3.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	15.0	
17	0.0	0.0	3.0	62.0	30.0	0.0	0.0	0.0	0.0	0.0	70.0	20.0	
18	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	4.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	
20	0.0	0.0	0.0	12.0	50.0	0.0	0.0	0.0	28.0	50.0	0.0	5.0	
21	0.0	2.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	10.0	0.0	5.0	0.0	25.0	0.0	0.0	0.0	2.0	0.0	
23	0.0	0.0	0.0	18.0	15.0	5.0	0.0	0.0	5.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	5.0	0.0	20.0	0.0	
25	4.0	0.0	0.0	6.0	0.0	0.0	0.0	17.0	5.0	0.0	0.0	0.0	
26	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0	0.0	20.0	
27	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	5.0	20.0	95.0	0.0	12.0	0.0	0.0	0.0	30.0	0.0	
29	0.0	0.0	20.0	10.0	0.0	0.0	0.0	0.0	65.0	5.0	0.0	0.0	
30	9.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	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	45.0	95.0	220.0	294.0	255.0	86.5	121.0	97.0	146.0	265.0	256.0	169.0	
D. LL.	7	5	10	16	7	3	5	4	11	8	12	10	
TOTALES ANUALES								2049.5 mm.		98			Dias lluvia

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

ESTACION: LA CIMARRONA

MUNICIPIO: FRESNO

AÑO: 1.983

ALTITUD: 1.400

LATITUD: 5-10 N.

LONGITUD: 75-00 W.

DÍAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
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	1.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	2.5	0.0	
4	13.0	0.0	15.0	0.0	0.0	70.0	0.0	18.5	0.0	0.0	0.0	16.5	
5	0.0	9.0	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	
6	0.0	0.0	41.0	40.5	11.0	10.0	5.0	34.5	8.0	0.0	0.0	28.5	
7	0.0	1.0	18.0	10.0	0.0	10.5	4.0	0.0	0.0	0.0	0.0	4.5	
8	0.0	2.0	0.0	1.0	0.0	0.0	0.0	0.0	16.5	0.0	2.5	12.5	
9	0.0	0.0	0.0	45.0	0.0	0.0	12.5	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	48.0	0.0	0.0	8.5	0.0	0.0	0.0	16.5	7.5	0.0	
11	0.0	0.0	5.0	1.0	1.0	0.0	48.0	16.5	0.0	2.0	18.0	0.0	
12	0.0	1.0	0.0	41.0	0.0	14.5	0.0	0.0	0.0	14.5	0.0	12.5	
13	4.0	0.0	0.0	20.0	0.0	26.5	0.0	0.0	50.0	10.5	10.0	0.0	
14	0.0	0.0	79.0	1.0	0.0	0.0	0.0	0.0	30.0	0.0	4.5	0.0	
15	0.0	0.0	18.0	18.5	50.0	5.0	6.5	0.0	0.0	36.0	3.4	0.0	
16	30.0	0.0	15.0	1.0	0.0	0.0	0.0	0.0	10.0	4.5	0.0	0.0	
17	0.0	2.0	25.0	50.5	4.0	0.0	0.0	0.0	0.0	0.0	46.5	2.5	
18	0.0	2.5	0.0	18.5	3.0	0.0	0.0	0.0	0.0	16.5	8.5	0.0	
19	0.0	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0	12.5	0.0	30.0	
20	0.0	0.0	5.0	4.0	22.0	0.0	0.0	0.0	32.5	42.5	0.0	2.5	
21	0.0	19.5	0.0	5.0	38.0	0.0	0.0	0.0	29.5	0.0	0.0	0.0	
22	0.0	0.0	3.0	0.0	7.0	28.5	18.5	0.0	0.0	50.5	6.5	0.0	
23	0.0	0.0	0.0	24.0	26.0	0.0	0.0	0.0	18.5	0.0	0.0	0.0	
24	0.0	0.0	11.0	13.0	1.0	0.0	0.0	17.5	8.5	0.0	2.0	0.0	
25	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	6.0	32.5	0.0	0.0	
26	0.0	0.0	23.0	0.0	7.0	0.0	0.0	4.5	18.5	0.0	10.5	0.0	
27	19.0	0.0	0.0	52.0	18.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	38.5	1.0	2.0	0.0	14.0	4.5	0.0	51.0	12.5	0.0	
29	0.0	0.0	0.0	2.0	51.0	0.0	21.5	0.0	4.0	32.0	3.0	0.0	
30	0.0	0.0	0.0	6.0	1.0	0.0	0.0	0.0	0.0	0.0	42.5	6.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	
Total	71.0	65.0	371.0	358.0	308.0	173.5	142.5	121.5	231.0	342.5	169.9	151.0	
D. L.	6	8	16	21	17	8	5	6	14	15	14	13	
TOTALES ANUALES							2494.5				147		Días
													mm.

ESTACION: ENCANTO  
ALTITUD: 1.400

MUNICIPIO: FRESNO  
LATITUD: 5-10 N.

AÑO: 1.983  
LONGITUD: 74-58 W.

DÍAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
2	0.0	0.0	0.0	0.0	5.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	
4	6.5	8.0	9.0	0.0	0.0	70.0	0.0	35.0	0.0	4.0	4.0	0.0	
5	0.0	10.0	4.0	14.0	59.0	1.0	0.0	0.0	2.0	0.0	2.0	0.0	
6	0.0	0.0	15.0	3.0	6.0	2.0	0.0	0.0	0.0	0.0	3.0	0.0	
7	0.0	0.0	2.5	14.0	0.0	18.0	11.0	0.0	9.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	20.0	0.0	0.0	4.0	0.0	6.0	0.0	6.0	0.0	
9	0.0	0.0	0.0	24.0	0.0	2.0	22.0	0.0	0.0	1.0	0.0	0.0	
10	0.0	0.0	33.0	0.0	0.0	4.0	0.0	0.0	13.0	11.0	9.0	0.0	
11	0.0	0.0	64.0	1.0	0.0	5.0	66.0	21.0	5.0	4.0	29.0	0.0	
12	0.0	28.0	0.0	3.0	0.0	12.0	0.0	0.0	0.0	15.0	0.0	0.0	
13	6.0	0.0	1.0	6.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	
14	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	6.0	0.0	
15	0.0	0.0	0.0	21.0	44.0	2.0	15.0	0.0	1.0	22.0	29.0	0.0	
16	1.5	0.0	8.5	0.0	10.0	0.0	0.0	0.0	5.0	14.0	0.0	0.0	
17	0.0	2.0	8.0	13.0	12.0	0.0	0.0	0.0	0.0	1.0	23.0	0.0	
18	0.0	3.0	3.0	12.0	0.0	0.0	0.0	1.0	1.0	35.0	5.0	0.0	
19	0.0	0.0	0.0	0.0	10.0	0.0	30.0	0.0	24.0	4.0	0.0	0.0	
20	0.0	0.0	0.0	12.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	13.0	4.0	4.0	47.0	0.0	0.0	6.0	9.0	31.0	0.0	0.0	
22	0.0	0.0	4.0	0.0	6.0	30.0	19.0	0.0	3.0	7.0	2.0	0.0	
23	0.0	0.0	1.0	0.0	13.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	4.0	0.0	9.5	0.0	0.0	0.0	0.0	13.0	18.0	4.0	0.0	0.0	
25	0.0	0.0	12.0	14.0	3.0	0.0	0.0	0.0	18.0	5.0	0.0	0.0	
26	0.0	0.0	23.0	5.0	3.0	0.0	0.0	0.0	0.0	54.0	0.0	0.0	
27	13.0	0.0	0.0	55.0	12.0	0.0	0.0	0.0	0.0	57.0	0.0	0.0	
28	0.0	4.0	6.0	4.0	55.0	4.0	10.0	24.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	51.0	2.0	0.0	0.0	0.0	0.0	9.0	34.0	0.0	0.0	
30	0.0	0.0	0.0	3.0	3.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	
31	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
Total	55.0	101.0	263.5	330.0	377.0	151.0	190.0	115.0	262.0	381.0	227.0	100.0	
D. L.	6	8	20	19	17	12	10	7	17	20	12	10	
TOTALES ANUALES							2494.5				147		Días
													mm.

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

ESTACION: LA GRACIELA

MUNICIPIO: CASABIANCA

AÑO: 1.983

ALTITUD: 1.600

LATITUD: 5-05 N

LONGITUD: 75-05 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total	36.0	49.0	185.0	494.0	335.0	80.0	100.0	100.0	220.0	320.0			
D. LI.	3	5	5	20	15	5	4	6	9	12			
TOTALES ANUALES											mm.		Dias lluvia

ESTACION: JAN IYOF

MUNICIPIO: ANZOATEGUI

AÑO: 1.983

ALTITUD: 1.700

LATITUD: 7-12 N

LONGITUD: 75-05 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	
2								0.0	20.0	0.0	0.0	0.0	
3								0.0	0.0	0.0	0.0	10.0	
4								0.0	0.0	0.0	0.0	0.0	
5								0.0	0.0	0.0	0.0	0.0	
6								15.0	15.0	0.0	0.0	10.0	
7								0.0	0.0	0.0	0.0	5.0	
8								0.0	10.0	0.0	0.0	35.0	
9								0.0	0.0	0.0	0.0	10.0	
10								0.0	0.0	20.0	15.0	0.0	
11								0.0	0.0	30.0	50.0	0.0	
12								0.0	0.0	0.0	5.0	5.0	
13								0.0	0.0	0.0	15.0	0.0	
14								0.0	0.0	5.0	0.0	10.0	
15								0.0	0.0	0.0	0.0	0.0	
16								0.0	0.0	35.0	0.0	0.0	
17								0.0	0.0	0.0	0.0	5.0	
18								0.0	0.0	0.0	0.0	10.0	
19								0.0	0.0	0.0	0.0	10.0	
20								0.0	0.0	10.0	0.0	40.0	
21								0.0	0.0	0.0	0.0	0.0	
22								0.0	80.0	0.0	0.0	15.0	
23								0.0	0.0	0.0	0.0	0.0	
24								0.0	0.0	0.0	0.0	0.0	
25								0.0	0.0	0.0	0.0	5.0	
26								0.0	0.0	0.0	0.0	0.0	
27								0.0	0.0	0.0	5.0	0.0	
28								5.0	0.0	0.0	0.0	0.0	
29								5.0	0.0	10.0	0.0	0.0	
30								0.0	0.0	0.0	0.0	10.0	
31								0.0	0.0	0.0	0.0	15.0	
Total								25.0	150.0	130.0	90.0	195.0	
D. LI.								3	6	8	5	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: LCS ANDES MUNICIPIO: PLANAJAS AÑO: 1.983  
 ALTITUD: 1.500 LATITUD: 3-13 N. LONGITUD: 75-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	220.0	132.0	239.0	325.0	146.0	52.0	13.0	10.0	33.0	289.0	192.0	293.0
D. L.	12	9	9	15	15	6	3	2	6	14	13	21
TOTALES ANUALES							1944.0 mm.			127 Dias lluvia		

ESTACION: POCO A POCO MUNICIPIO: CHAPARRAL AÑO: 1.983  
 ALTITUD: 1.340 LATITUD: 3-44 N. LONGITUD: 75-12 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	25.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	12.5	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	151.5	132.0	183.0	435.0	129.0	119.0	81.0	23.0	24.0	261.8	121.2	165.7
D. L.	9	9	8	18	11	3	4	3	2	14	11	16
TOTALES ANUALES							1826.2 mm.			108 Dias lluvia		

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

ESTACION: MONTEFRIC MUNICIPIO: NATAGAIMA AÑO: 1.983  
 ALTITUD: 1.500 LATITUD: 3-32 N. LONGITUD: 75-20 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT	OCTUBRE	NOV	DIC	
1	10.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	70.0	10.0	
2	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	
3	20.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	10.0	
4	40.0	10.0	30.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	30.0	
5	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
6	0.0	0.0	0.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	10.0	30.0	
7	0.0	0.0	0.0	51.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	
8	0.0	1.0	10.0	40.0	10.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	
9	0.0	1.0	1.0	50.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	45.0	
10	0.0	0.0	1.0	5.0	10.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	
11	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.0	
12	0.0	40.0	0.0	56.0	10.0	15.0	0.0	0.0	0.0	1.0	0.0	0.0	
13	0.0	0.0	0.0	50.0	5.0	1.0	0.0	0.0	0.0	10.0	0.0	0.0	
14	0.0	0.0	0.0	50.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	
15	0.0	0.0	0.0	25.0	50.0	0.0	0.0	0.0	0.0	40.0	60.0	10.0	
16	0.0	0.0	0.0	25.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	
17	0.0	10.0	1.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	
19	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0	
20	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	5.0	40.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	20.0	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	100.0	130.0	0.0	
24	0.0	0.0	0.0	0.0	70.0	0.0	0.0	10.0	1.0	0.0	0.0	0.0	
25	70.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	70.0	0.0	0.0	
26	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	40.0	50.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	
28	0.0	0.0	50.0	10.0	10.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
29	0.0	0.0	25.0	20.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	60.0	
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	65.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0	
Total	200.0	87.0	168.0	439.0	343.0	27.0	0.0	10.0	22.0	286.0	380.0	550.0	
D. Li.	7	6	5	17	17	4	0	1	4	9	7	18	
TOTALES ANUALES								2512.0	mm.	99			

ESTACION: EL CASO MUNICIPIO: DOLCRES AÑO: 1.983  
 ALTITUD: 1.000 LATITUD: 3-32 N. LONGITUD: 74-53 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	2.0	0.0	0.0	
2	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
3	13.0	0.0	8.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	10.0	86.0	
4	52.0	0.0	34.0	50.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	6.0	
5	0.0	0.0	20.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	
6	6.0	26.0	30.0	8.0	22.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	12.0	2.0	23.0	2.0	5.0	0.0	0.0	0.0	0.0	5.0	18.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	38.0	0.0	0.0	4.0	0.0	0.0	0.0	5.0	82.0	
10	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	4.0	0.0	11.0	50.0	
12	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	32.0	
13	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	6.0	8.0	16.0	
14	0.0	3.0	0.0	13.0	0.0	0.0	0.0	0.0	7.0	4.0	36.0	0.0	
15	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	58.0	6.0	0.0	
16	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	
17	0.0	0.0	0.0	3.0	18.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	
18	0.0	0.0	0.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
19	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	2.0	50.0	0.0	30.0	
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	27.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
22	0.0	0.0	0.0	9.0	6.0	0.0	0.0	0.0	8.0	5.0	0.0	0.0	
23	0.0	13.0	16.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	
24	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	
26	0.0	0.0	50.0	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	6.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	
28	0.0	0.6	0.0	28.0	0.0	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	0.0	0.0	0.0	0.0	8.0	36.0	0.0	
30	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	2.0	
31	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	
Total	120.0	54.0	190.0	316.0	129.0	36.0	18.0	12.0	25.0	173.0	246.0	411.0	
D. Li.	6	4	8	16	10	3	4	1	5	11	14	12	
TOTALES ANUALES								1730.0	mm.	94			

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

ESTACION: LA MESETA

MUNICIPIO: SAN ANTONIO

AÑO:

1.983

ALTITUD: 1.600

LATITUD: 3-15 N.

LONGITUD: 75-29 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	6.0	4.0	2.0	6.0	0.0	0.0	0.0	2.0	0.0	12.0	0.0
2	4.0	0.0	0.0	4.0	74.0	2.0	4.0	0.0	0.0	2.0	8.0	10.0
3	0.0	0.0	0.0	2.0	18.0	0.0	6.0	0.0	0.0	0.0	16.0	0.0
4	8.0	0.0	0.0	0.0	8.0	2.0	18.0	0.0	2.0	0.0	20.0	8.0
5	2.0	0.0	0.0	0.0	6.0	4.0	50.0	0.0	11.0	0.0	2.0	0.0
6	6.0	12.0	4.0	12.0	4.0	8.0	20.0	0.0	2.0	0.0	14.0	14.0
7	0.0	4.0	0.0	22.0	2.0	4.0	6.0	0.0	0.0	0.0	26.0	4.0
8	0.0	0.0	0.0	18.0	0.0	4.0	6.0	0.0	0.0	0.0	0.0	12.0
9	8.0	0.0	2.0	6.0	12.0	2.0	18.0	0.0	0.0	0.0	0.0	2.0
10	6.0	16.0	0.0	10.0	2.0	6.0	14.0	0.0	0.0	10.0	32.0	4.0
11	0.0	2.0	0.0	6.0	4.0	12.0	18.0	0.0	0.0	18.0	8.0	4.0
12	0.0	0.0	18.0	12.0	0.0	4.0	0.0	0.0	0.0	14.0	2.0	6.0
13	4.0	0.0	20.0	16.0	0.0	0.0	0.0	0.0	2.0	10.0	16.0	2.0
14	6.0	0.0	0.0	7.0	4.0	0.0	0.0	0.0	0.0	6.0	34.0	0.0
15	2.0	4.0	0.0	4.0	22.0	0.0	0.0	0.0	0.0	4.0	2.0	1.6
16	0.0	12.0	0.0	6.0	26.0	0.0	0.0	0.0	0.0	2.0	6.0	6.0
17	0.0	32.0	4.0	0.0	4.0	0.0	2.0	0.0	0.0	8.0	0.0	4.0
18	0.0	0.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	16.0
19	0.0	0.0	0.0	3.0	8.0	0.0	0.0	0.0	0.0	12.0	0.0	8.0
20	0.0	0.0	0.0	4.0	6.0	0.0	0.0	0.0	22.0	16.0	0.0	12.0
21	0.0	0.0	0.0	5.0	8.0	0.0	0.0	0.0	4.0	12.0	0.0	0.0
22	0.0	0.0	6.0	7.0	12.0	0.0	0.0	0.0	0.0	8.0	8.0	0.0
23	0.0	0.0	12.0	12.0	6.0	0.0	0.0	0.0	4.0	4.0	4.0	0.0
24	0.0	6.0	18.0	4.0	14.0	0.0	0.0	0.0	10.0	2.0	2.0	0.0
25	10.0	0.0	22.0	6.0	54.0	0.0	0.0	0.0	0.0	8.0	6.0	6.0
26	0.0	0.0	5.0	5.0	8.0	0.0	0.0	0.0	2.0	12.0	2.0	0.0
27	5.0	32.0	0.0	18.0	12.0	0.0	0.0	10.0	0.0	16.0	4.0	0.0
28	0.0	4.0	6.0	18.0	14.0	0.0	0.0	2.0	0.0	10.0	6.0	0.0
29	0.0	0.0	0.0	14.0	10.0	0.0	2.0	4.0	0.0	18.0	22.0	4.0
30	0.0	0.0	0.0	4.0	4.0	0.0	0.0	0.0	0.0	20.0	0.0	14.0
31	2.0	0.0	0.0	0.0	6.0	0.0	2.0	0.0	0.0	6.0	0.0	0.0
Total D.Ll.	108.0 12	130.0 11	125.0 13	518.0 27	360.0 28	68.0 11	150.0 13	28.0 8	61.0 10	226.0 24	252.0 22	137.6 19
TOTALES ANUALES								2163.6 mm.		Días lluvia 198		

ESTACION: CEDRALES

MUNICIPIO: CRTEGA

AÑO:

1.983

ALTITUD: 1.780

LATITUD: 3-15 N.

LONGITUD: 75-29 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	65.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0		
2	5.0	0.0	0.0	0.0	1.0	0.0	2.0	0.0	0.0	0.0		
3	7.0	0.0	4.0	1.0	66.0	5.0	0.0	0.0	0.0	0.0		
4	5.0	3.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0		
5	5.0	2.0	3.0	41.0	9.0	0.0	0.0	0.0	0.0	0.0		
6	4.0	4.0	23.0	11.0	0.0	2.0	0.0	0.0	0.0	0.0		
7	4.0	27.0	13.0	18.0	0.0	53.0	44.0	0.0	13.0	0.0		
8	0.0	11.0	2.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0		
9	0.0	0.0	7.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0		
10	7.0	9.0	3.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0		
11	0.0	29.0	14.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
13	53.0	0.0	17.0	50.0	1.0	2.0	0.0	0.0	0.0	0.0		
14	22.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
15	28.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
16	1.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
17	3.0	0.0	0.0	49.0	0.0	2.0	0.0	0.0	0.0	0.0		
18	0.0	29.0	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	83.0	0.0	0.0	0.0	0.0	0.0		
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	52.0	0.0		
22	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0		
23	0.0	0.0	18.0	49.0	2.0	0.0	0.0	0.0	0.0	0.0		
24	0.0	0.0	0.0	34.0	6.0	0.0	0.0	0.0	0.0	0.0		
25	0.0	0.0	21.0	10.0	31.0	0.0	2.0	0.0	0.0	0.0		
26	24.0	0.0	46.0	2.0	12.0	0.0	2.0	0.0	8.0	0.0		
27	18.0	4.0	1.0	94.0	27.0	0.0	2.0	0.0	0.0	0.0		
28	3.0	0.0	0.0	13.0	23.0	0.0	0.0	0.0	0.0	0.0		
29	6.0	0.0	10.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0		
30	0.0	0.0	0.0	7.0	1.0	0.0	0.0	0.0	0.0	0.0		
31	0.0	0.0	14.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0		
Total D.Ll.	178.0 17	233.0 11	223.0 17	455.0 18	294.0 15	99.0 8	51.0 5	0.0 0	73.0 3			
TOTALES ANUALES								mm.		Días lluvia		

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

ESTACION: CRISCL MUNICIPIO: VALLE DE S. JUAN. AÑO: 1.983  
 ALTITUD: 1.500 LATITUD: 4-10 N. LONGITUD: 75-07 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT	OCTUBRE	NOV	DIC.	
1	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	12.5	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	5.0	
3	3.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
4	10.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	1.4	
5	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
Total D. LL.	169.0	16.0	53.5	53.5	54.8	10.0			88.2	56.1	51.1	54.8	
TOTALES ANUALES												mm.	Días lluvia

ESTACION: LA GRANJA MUNICIPIO: MELGAR AÑO: 1.983  
 ALTITUD: 1.200 LATITUD: 4-05 N. LONGITUD: 74-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	5.0	
2	29.0	0.0	15.0	0.0	27.0	0.0	0.0	0.0	50.0	12.0	17.7	2.0	
3	17.0	0.0	0.0	2.0	0.0	0.0	1.0	0.0	0.0	15.0	0.0	37.0	
4	0.0	0.0	6.0	4.0	0.0	1.0	0.0	0.0	20.0	0.0	0.0	14.0	
5	5.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	1.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total D. LL.	152.0	71.0	228.0	292.0	143.0	20.0	18.5	2.5	197.0	502.7	385.3	208.0	
TOTALES ANUALES												222 C. mm.	Días lluvia

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

ESTACION: TOTARITO MUNICIPIO: ALVARADO AÑO: 1983

ALTITUD: 1.250 LATITUD: 4-39 N. LONGITUD: 74-52 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	75.0	5.0	0.0	0.0	0.0	0.0	0.0	3.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	1.0	0.0	0.0	0.0	15.0	2.0	0.0	0.0	20.0	0.0	0.0	15.0
4	17.0	0.0	0.0	0.0	0.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0
5	2.0	0.0	0.0	35.0	5.0	1.0	0.0	0.0	0.0	0.0	10.0	0.0
6	0.0	10.0	7.0	0.0	0.0	0.0	0.0	11.0	15.0	0.0	0.0	21.0
7	0.0	0.0	0.0	6.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	14.0	0.0	0.0	6.0
9	0.0	0.0	12.0	12.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	10.0
10	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	47.0	21.0	0.0
11	0.0	0.0	9.0	36.0	0.0	0.0	0.0	0.0	10.0	0.0	30.0	4.0
12	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	35.0	34.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	30.0
15	0.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	61.0	12.0	0.0
16	0.0	0.0	0.0	13.0	0.0	0.0	31.0	0.0	16.0	0.0	0.0	4.0
17	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
18	0.0	4.0	0.0	25.0	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	7.0	0.0	0.0	0.0	0.0	37.0	0.0	31.0
20	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
21	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0
22	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0
23	0.0	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	23.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	40.0	0.0	0.0	5.0	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	35.0	0.0	19.0
27	0.0	15.0	0.0	0.0	45.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
28	0.0	0.0	10.0	58.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	0.0
29	0.0	0.0	5.0	0.0	65.0	0.0	7.0	0.0	0.0	0.0	5.0	0.0
30	0.0	0.0	0.0	16.0	2.0	0.0	0.0	0.0	0.0	0.0	4.0	20.0
31	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total D. Li.	20.0	92.0	182.0	275.0	257.0	86.0	82.0	21.0	175.0	210.0	124.0	165.0
TOTALES ANUALES	3	4	11	12	9	6	5	2	9	5	9	11
	1685.0 mm.										Dias lluvia	66

ESTACION: LA ALDEA MUNICIPIO: RIVERA AÑO: 1983

ALTITUD: 1.550 LATITUD: 4-13 N. LONGITUD: 75-14 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	17.0	0.0	0.0	2.0	0.0	3.0	0.0	
2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	7.0	
3	4.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	13.0	
4	13.0	0.0	0.0	0.0	0.0	32.0	0.0	4.0	0.0	4.0	0.0	
5	1.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0	34.0	0.0	0.0	
6	13.0	4.0	0.0	17.0	0.0	3.0	8.0	0.0	0.0	0.0	0.0	
7	6.0	3.0	6.0	3.0	0.0	32.0	38.0	0.0	0.0	0.0	25.0	
8	0.0	0.0	2.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	31.0	17.0	0.0	15.0	28.0	0.0	0.0	30.0	0.0	
10	1.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
11	5.0	15.0	30.0	1.0	0.0	0.0	0.0	4.0	0.0	9.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	6.0	
13	6.0	0.0	28.0	32.0	0.0	0.0	0.0	0.0	0.0	7.0	3.0	
14	8.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	9.0	
15	7.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	2.0	0.0	
16	0.0	0.0	0.0	3.0	8.0	0.0	0.0	0.0	1.0	0.0	0.0	
17	0.0	0.0	10.0	10.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	3.0	3.0	0.0	0.0	0.0	1.0	25.0	0.0	
20	0.0	0.0	0.0	76.0	4.0	0.0	0.0	0.0	0.0	9.0	0.0	
21	0.0	0.0	0.0	8.0	0.0	0.0	0.0	4.0	29.0	0.0	0.0	
22	0.0	5.0	0.0	20.0	0.0	0.0	3.0	0.0	6.0	11.0	6.0	
23	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	2.0	0.0	5.0	0.0	0.0	0.0	1.0	5.0	0.0	
25	0.0	0.0	40.0	0.0	37.0	0.0	0.0	0.0	5.0	50.0	0.0	
26	23.0	0.0	6.0	18.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	40.0	11.0	0.0	16.0	23.0	0.0	0.0	1.0	0.0	6.0	0.0	
28	1.0	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	6.0	33.0	0.0	0.0	0.0	0.0	0.0	13.0	2.0	
30	0.0	0.0	0.0	17.0	0.0	0.0	2.0	0.0	0.0	3.0	0.0	
31	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	
Total D. Li.	131.0	38.0	197.0	280.0	182.0	84.0	85.0	35.0	77.0	229.0	71.0	
TOTALES ANUALES	15	5	14	16	13	5	6	7	7	18	8	
	mm.										Dias lluvia	

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

ESTACION: SANTA MARTA

MUNICIPIO: EL AGUILA

AÑO:

1.983

ALTITUD: 1.760

LATITUD: 4-54 N.

LONGITUD: 76-03 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT	OCTUBRE	NOV	DIC.	
1	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	43.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	4.0	6.0	6.0	7.0	0.0	12.0	0.0	9.0	
4	0.0	0.0	0.0	0.0	4.0	22.0	0.0	0.0	0.0	0.0	0.0	42.0	
5	0.0	0.0	0.0	0.0	19.0	5.0	0.0	0.0	49.0	0.0	0.0	0.0	
6	0.0	0.0	20.0	54.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	
7	0.0	15.0	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	12.0	41.0	0.0	0.0	12.0	7.0	0.0	2.0	6.0	
9	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	
10	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	
11	0.0	0.0	0.0	7.0	4.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	11.0	9.0	1.0	7.0	25.0	0.0	28.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
14	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	
17	0.0	0.0	0.0	15.0	19.0	10.0	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	15.0	0.0	10.0	31.0	0.0	14.0	
19	0.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	
20	0.0	0.0	1.0	9.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	
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	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	14.0	0.0	0.0	0.0	4.0	10.0	18.0	12.0	0.0	0.0	0.0	
24	0.0	0.0	35.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
25	0.0	0.0	40.0	6.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	16.0	37.0	7.0	0.0	0.0	0.0	0.0	9.0	0.0	
27	0.0	0.0	0.0	28.0	0.0	0.0	0.0	6.0	15.0	0.0	3.0	0.0	
28	10.0	0.0	27.0	0.0	40.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	12.0	20.0	0.0	0.0	
30	6.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	10.0	40.0	26.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	8.0	
Total	16.0	35.0	156.0	271.0	240.0	66.0	44.0	68.0	176.0	202.0	127.0	63.0	
D.LL.	2	3	7	17	12	7	4	5	11	9	8	6	
TOTALES ANUALES											1484.0 mm.		91
												Días	
												lluvia	

ESTACION: BELLAVISTA

MUNICIPIO: ANSERMANUEVC

AÑO:

1.983

ALTITUD: 1.500

LATITUD: 4-48 N.

LONGITUD: 76-04 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	6.0	4.0	0.0	0.0	0.0	0.0	11.5	3.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	12.5	3.0	0.0	0.0	4.5	8.0	1.0	0.0	
3	0.0	0.0	0.0	0.0	13.0	1.5	0.0	0.0	0.0	0.5	30.0	0.0	
4	1.5	4.5	0.0	0.0	0.0	4.0	6.0	1.0	0.0	4.5	3.0	0.0	
5	0.0	0.0	0.0	0.0	3.5	0.0	24.0	9.0	12.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	6.0	1.5	0.0	0.0	0.0	23.0	0.0	0.0	0.0	
7	3.0	8.0	4.5	11.5	2.0	12.5	2.5	0.0	0.0	0.0	21.0	0.0	
8	0.0	0.0	0.0	7.0	0.0	15.0	8.5	0.0	0.0	8.0	3.0	0.0	
9	0.0	0.0	0.0	11.0	11.5	0.0	15.0	0.0	2.0	0.0	3.0	0.0	
10	2.5	0.0	3.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	3.0	0.0	
11	0.0	0.0	0.0	14.0	3.0	0.0	0.0	0.0	0.0	12.0	12.0	0.0	
12	0.0	0.0	0.0	22.5	1.0	0.0	0.0	0.0	0.0	44.0	17.0	0.0	
13	0.0	0.0	0.0	15.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.5	1.0	2.0	0.0	
15	0.0	0.0	0.0	26.0	3.0	0.0	0.0	0.0	1.0	7.0	0.0	0.0	
16	0.0	0.0	0.0	12.0	0.0	0.0	1.5	0.0	12.0	16.0	0.5	0.0	
17	0.0	0.0	0.0	15.0	16.0	16.0	0.0	0.0	1.5	0.0	7.0	0.0	
18	0.0	9.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	9.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
20	0.0	0.0	0.0	10.0	7.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	14.0	0.0	0.5	22.5	21.0	0.5	1.0	0.0	
22	0.0	0.0	0.0	3.0	0.0	3.5	1.5	0.0	2.0	3.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	6.0	0.0	0.0	3.0	0.0	0.0	2.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	
25	0.0	0.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	11.5	0.0	0.0	
26	0.0	0.0	0.0	3.5	0.0	0.0	0.0	1.5	0.0	12.0	7.0	0.0	
27	20.5	0.0	0.0	4.0	1.0	0.0	0.0	20.5	0.0	10.0	27.0	0.0	
28	0.0	0.0	0.0	1.0	21.0	4.0	0.0	1.5	0.0	9.5	2.0	0.0	
29	1.0	0.0	2.0	7.0	1.0	0.0	1.0	1.0	0.0	9.5	13.0	0.0	
30	11.0	0.0	0.0	15.0	0.0	0.0	1.0	0.0	3.5	10.5	20.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	3.0	5.0	0.0	0.0	0.0	0.0	
Total	44.5	36.5	80.5	196.0	160.0	59.5	64.5	76.5	95.0	189.0	174.5	0.0	
D.LL.	6	5	7	20	19	6	11	10	13	20	19	0	
TOTALES ANUALES											mm.		0
												Días	
												lluvia	

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

ESTACION: EL PLACER

MUNICIPIO: ANSERMANUEVO AÑO: 1.983

ALTITUD: 1.730

LATITUD: 4-49 N

LONGITUD: 76-01 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	12.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	23.0	13.0	0.0	0.0	0.0	10.0	0.0	15.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	
4	0.0	12.0	0.0	0.0	0.0	10.0	11.0	1.0	0.0	0.0	0.0	15.0	
5	0.0	0.0	0.0	10.0	0.0	0.0	3.0	5.0	0.0	0.0	1.0	0.0	
6	6.0	0.0	29.0	0.0	0.0	0.0	3.0	5.0	19.0	0.0	0.0	0.0	
7	0.0	12.0	0.0	0.0	0.0	0.0	11.0	0.0	29.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	
9	0.0	0.0	1.0	0.0	51.0	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	10.0	0.0	0.0	5.0	
11	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	15.0	4.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	2.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	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	9.0	3.0	0.0	0.0	0.0	34.0	12.0	0.0	0.0	
21	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	3.0	0.0	0.0	10.0	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	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	7.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	18.0	3.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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.	16.0	62.0	249.5	224.0	157.0	78.0	63.0	65.5	113.0	235.0	209.0	136.0	
	3	6	9	13	11	6	6	5	7	11	20	9	
TOTALES ANUALES								1645.0 mm.		106			Dias lluvia

ESTACION: EL HORIZONTE

MUNICIPIO: ROLDANILLO AÑO: 1.983

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	1.8	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	
2	0.0	0.0	0.0	0.5	9.9	0.0	0.0	9.0	0.0	0.0	0.0	0.0	
3	2.0	0.0	0.0	0.0	0.0	3.7	3.3	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	3.7	0.0	3.3	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	12.2	0.0	0.0	1.9	0.0	11.4	0.0	0.0	27.0	
6	0.0	0.0	11.5	7.2	0.0	18.0	14.5	0.0	6.2	0.0	0.0	0.0	
7	0.0	0.0	4.2	11.9	0.0	8.6	6.7	0.0	0.0	0.0	0.0	6.1	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.2	0.0	0.0	0.0	
9	0.0	0.0	21.2	12.7	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	
10	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	12.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	3.2	
12	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
13	0.0	0.0	0.0	29.2	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	
14	0.0	0.0	18.0	0.0	8.6	0.0	0.0	0.0	0.0	12.0	0.0	0.0	
15	0.0	0.0	0.0	15.3	0.0	0.0	0.0	0.0	0.0	18.5	23.0	1.2	
16	0.0	0.0	0.0	2.0	9.9	5.8	8.0	0.0	0.0	9.2	0.0	6.3	
17	0.0	0.0	0.0	4.2	10.4	0.0	0.0	0.0	0.0	3.5	0.0	4.1	
18	0.0	0.0	0.0	8.0	0.0	0.0	0.0	15.2	0.0	1.2	0.0	3.4	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	
20	0.0	0.0	0.0	29.9	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	5.5	3.8	0.0	2.2	0.0	0.0	7.5	2.0	19.1	
22	0.0	0.0	14.0	0.0	0.0	1.0	0.7	0.0	0.0	2.3	0.0	0.0	
23	0.0	0.0	0.0	4.0	15.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	
24	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	
25	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	1.1	0.0	
26	0.0	0.0	0.0	0.0	15.4	3.4	0.0	0.0	0.0	1.2	0.0	0.0	
27	0.0	0.0	0.0	4.8	43.4	0.0	0.0	0.0	0.0	27.0	0.0	0.0	
28	0.0	0.0	0.0	2.2	13.9	6.7	0.0	0.0	0.0	8.5	1.5	0.0	
29	0.0	0.0	0.0	11.0	0.0	0.0	0.0	14.1	0.0	6.3	1.1	0.0	
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.3	5.5	23.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	
Total D. LL.	3.8	0.0	92.3	185.2	164.9	82.0	29.3	43.0	49.8	158.0	66.9	94.5	
	2	0	8	19	13	5	6	5	3	18	9	10	
TOTALES ANUALES								965.7 mm.		102			Dias lluvia

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

ESTACION : CAMPANELLA

MUNICIPIO : PALMIRA

AÑO : 1.983

ALTITUD : 1.550

LATITUD : 3-33 N.

LONGITUD : 76-18 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	13.0	
2	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	16.0	0.0	12.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	
5	0.0	0.0	0.0	5.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	26.0	
6	0.0	16.0	18.0	66.0	0.0	8.0	0.0	0.0	8.0	0.0	6.0	18.0	
7	0.0	12.0	2.0	22.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	28.0	
8	0.0	6.0	6.0	3.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	3.0	
9	0.0	1.0	22.0	43.0	0.0	5.0	0.0	0.0	0.0	0.0	2.0	10.0	
10	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	32.0	
11	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	3.0	
12	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	3.0	18.0	0.0	
13	0.0	0.0	2.0	20.0	0.0	0.0	0.0	0.0	0.0	14.0	10.0	0.0	
14	0.0	0.0	3.0	2.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	125.0	0.0	4.0	0.0	0.0	0.0	50.0	1.0	0.0	
16	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	2.0	0.0	18.0	0.0	
17	0.0	0.0	8.0	8.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	2.0	0.0	14.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	1.0	16.0	0.0	0.0	0.0	5.0	13.0	0.0	22.0	
20	0.0	0.0	0.0	15.0	24.0	0.0	0.0	0.0	0.0	1.5	0.0	34.0	
21	0.0	0.0	0.0	14.0	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	4.0	0.0	54.0	
23	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	3.0	37.0	0.0	
24	0.0	0.0	29.0	5.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	31.0	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	15.0	0.0	83.0	0.0	4.0	0.0	0.0	0.0	0.0	11.0	2.0	9.0	
27	3.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
28	0.0	0.0	3.0	37.0	0.0	0.0	0.0	6.0	0.0	7.0	30.0	0.0	
29	15.0	0.0	32.0	10.0	0.0	0.0	0.0	0.0	0.0	15.0	2.0	2.0	
30	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	14.0	
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	51.0	51.0	265.0	418.0	109.0	36.0	8.0	6.0	24.0	160.0	136.0	299.0	
D. LL.	5	6	14	21	10	5	1	1	5	14	10	15	
TOTALES ANUALES							1563.0		mm.		107		Días lluvia

Estación: Naranjal  
 Altitud: 1.370 metros

Municipio: Chinchiná  
 Latitud : 4 - 58 N

Año: 1983  
 Longitud: 75 - 36 W

**ENERO**

**FEBRERO**

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

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

1	NW	9,4 W	SE	9,0 SE
2	SE	7,9 NW	W	6,5 SW
3	V	8,3 NE	SE	8,3 S
4	NE	4,7 NE	SE	8,3 SE
5	SE	7,9 SE	SE	7,2 SE
6	V	9,0 NW	SE	9,0 S
7	SW	7,9 NW	SE	10,8 S
8	NE	7,6 NW	SE	10,1 S
9	SE	6,5 N	SE	8,6 S
10	V	7,2 NW	SE	8,3 S
11	SW	7,2 SW	SE	7,9 S
12	SE	14,8 S	SE	6,5 SE
13	V	7,2 W	SE	10,1 S
14	W	6,1 W	SE	7,9 SE
15	NW	6,5 W	V	7,9 NE
16	NW	7,6 SE	SE	10,1 S
17	NW	6,1 W	SE	10,8 S
18	NW	4,3 NW	SE	9,7 SE
19	SE	7,2 N	SE	7,9 S
20	S	7,6 NW	SE	10,4 S
21	SW	7,2 S	S	11,5 S
22	NW	4,7 W	SE	10,1 S
23	V	7,2 NW	SE	11,5 S
24	NW	7,9 NW	SE	11,5 S
25	V	6,5 NW	SE	10,4 S
26	SW	6,1 W	SE	10,8 S
27	NW	7,9 W	SE	7,2 SE
28	NW	6,5 W	SE	6,8 NW
29	NW	6,5 NW	S	8,6 S
30	W	10,1 W	SE	9,4 S
31	V	7,2 W	SE	8,6 SE

1	NW	8,3 N	SE	9,7 SE
2	NE	7,9 N	SE	10,4 SE
3	NW	7,2 NW	SE	7,9 S
4	NW	7,2 NW	SE	12,6 S
5	W	10,1 W	SE	11,5 S
6	NW	6,8 W	S	10,8 E
7	NW	8,3 S	NW	11,9 S
8	NW	11,2 E	SE	10,1 S
9	NW	9,4 W	SE	7,9 SE
10	V	6,8 NW	SE	11,2 S
11	NW	7,9 SW	S	10,4 S
12	NW	7,6 NW	SE	10,8 S
13	SE	7,2 NW	SE	11,5 S
14	V	7,2 SW	SE	10,8 S
15	SW	5,4 W	SE	8,6 SE
16	V	9,4 S	S	10,4 S
17	NW	10,1 NW	S	8,3 E
18	V	7,2 NW	S	9,7 SE
19	SW	7,6 W	V	9,7 S
20	NW	7,9 N	S	10,4 S
21	NW	5,4 N	SE	7,2 S
22	S	10,4 SE	S	7,9 S
23	NW	5,4 S	S	10,8 SE
24	NW	7,2 S	S	8,3 S
25	SE		SE	7,2 SE
26	V	6,1 SW	SE	7,9 S
27	V		SE	5,4 S
28	NW		SE	
29				
30				
31				

MES NW 14,8 S SE 11,5 S MES NW 11,2 E SE 12,6 S

**MARZO**

**ABRIL**

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

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

1	V	4,3 SE	SE	6,5 SE
2	SE		V	
3	E		SE	
4	V	7,9 SE	SE	7,2 S
5	SW		SE	3,6 S
6	SW	7,2 E	E	6,5 S
7	V	6,1 S	E	
8	NE		SE	
9	V	7,9 W	SE	5,8 S
10	SE	6,5 S	SE	4,3 S
11	W	7,2 S	SE	6,5 S
12	NW		SE	5,4 S
13	V		SE	7,2 S
14	SE		SE	7,2 SE
15	NW		SE	6,8 S
16	NW		SE	
17	E	5,4 S	SE	
18	N		SE	
19	NW		SE	5,8 S
20	NE		S	
21	V		S	
22	W		SE	
23	SW		SE	
24	SE		SE	
25	NW		NW	
26	N		NE	
27	N		SE	
28	N	6,5 S	SE	
29	V		E	
30	NW		SE	
31	NW		SE	

1	NW		SE	
2	N		SE	
3	SE		SE	
4	N		SE	
5	W		N	
6	SE		SE	
7	V		SE	
8	N		SE	
9	W		SE	
10	SE		SE	
11	NW		E	
12			SE	
13	S		E	
14	V		SE	
15	V		SE	
16	SW		SE	
17	W		SE	
18	S		SE	
19	V		SE	
20	N		NE	
21	NW		SE	
22	SE		SE	
23	V		SE	
24	NW		SE	
25	N		SE	
26	SE		SE	
27	W		SE	
28	NW		SE	
29	NW		SE	
30	S		SE	
31				

MES NW 7,9 SE SE 7,2 S MES NW SE



Estación: Naranjal  
 Altitud: 1.370 metros

Municipio: Chinchiná  
 Latitud : 4 - 58 N

Año: 1983  
 Longitud: 75 - 36 W

SEPTIEMBRE

OCTUBRE

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

NOVIEMBRE

DICIEMBRE

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

Estación: Cenicafé  
 Altitud: 1.310 metros

Municipio: Chinchiná  
 Latitud : 4 - 59 N

Año: 1983  
 Longitud: 75 - 35 W

**ENERO**

**DIA NOCHE**

Dirección Ráfaga máx. Dirección Ráfaga máx.  
 Fecha dominante (km/hora) dominante (km/hora)

1	S	18,7 S	NW	20,9 NW
2	S	17,3 S	C	20,5 NW
3	S	21,1 NW	NW	21,2 NW
4	C	11,5 NW	NW	20,5 NW
5	C	18,7 S	NW	18,7 NW
6	C	14,0 S	NW	22,0 NW
7	C	18,0 S	NW	22,3 NW
8	C	21,2 S	NW	25,6 NW
9	C	19,4 NW	NW	24,1 NW
10	S	17,3 S	NW	20,2 NW
11	S	16,2 SW	NW	22,3 NW
12	V	18,4 NW	C	14,4 NW
13	S	18,7 NW	NW	21,9 NW
14	SW	19,4 NW	NW	22,3 NW
15	S	19,1 SW	NW	20,9 NW
16	NW	18,0 NW	NW	22,3 NW
17	S	17,3 S	NW	25,6 NW
18	V	21,6 NW	NW	24,5 NW
19	C	18,0 SW	NW	25,2 NW
20	SW	20,9 NW	NW	22,7 NW
21	S	21,6 NW	NW	22,7 NW
22	S	24,5 NW	NW	25,6 NW
23	S	19,4 NW	NW	25,2 NW
24	NW	20,9 NW	NW	25,6 NW
25			NW	25,6 NW
26	S	18,7 N	NW	21,6 NW
27			NW	19,8 NW
28	S	18,7 S	NW	15,8 NW
29			NW	21,6 NW
30	S	23,8 S	NW	29,5 NW
31	C	20,9 NW	NW	20,9 NW
MES	S	24,5 NW	NW	29,5 NW

**FEBRERO**

**DIA NOCHE**

Dirección Ráfaga máx. Dirección Ráfaga máx.  
 Fecha dominante (km/hora) dominante (km/hora)

1	C	17,3 S	NW	24,8 NW
2	C	18,0 S	NW	25,2 NW
3	C	18,7 S	NW	25,6 NW
4	C	18,4 S	C	21,6 NW
5	C	27,4 W	C	24,8 NW
6	C	17,3 NW	NW	23,4 NW
7	C	18,0 S	C	22,3 N
8	C	27,4 S	NW	25,2 NW
9	S	21,6 NW	NW	22,3 NW
10	C	13,7 S	NW	21,2 NW
11	S	15,5 S	NW	18,0 NW
12	C	15,1 S	NW	20,9 NW
13	C	18,7 NW	NW	22,3 NW
14	C	17,3 S	NW	25,2 NW
15			NW	25,2 NW
16	C	15,5 S	NW	24,8 NW
17	C	15,1 S	NW	20,2 NW
18	C	15,1 N	C	19,4 NW
19			NW	19,1 NW
20	C	20,9 NW	NW	22,0 NW
21	C	14,8 NW	NW	23,8 NW
22	V	36,0 NW	NW	21,6 NW
23			NW	18,7 N
24	C	15,1 NW	NW	22,3 NW
25	C	18,4 NW	NW	21,2 NW
26	N	19,4 NW	NW	26,6 NW
27	S	18,7 NW	NW	19,1 NW
28	S	18,0 E	NW	21,6 NW
29				
30				
31				
MES	C	36,0 NW	NW	26,6 NW

**MARZO**

**DIA NOCHE**

Dirección Ráfaga máx. Dirección Ráfaga máx.  
 Fecha dominante (km/hora) dominante (km/hora)

1	C	18,7 NW	C	19,1 NW
2	C	20,9 S	C	14,4 NW
3	C	26,3 NW	NW	31,7 NW
4	C	28,4 NW	NW	25,6 NW
5	C	15,1 NW	NW	22,7 NW
6	V	46,4 NW	V	
7	C	15,8 SW	C	20,9 NW
8	C	20,9 NW	C	18,0 NW
9	C	46,8 SW	W	21,6 W
10	C	11,9 SE	W	19,1 W
11	C	20,5 NW	W	18,7 W
12	C	16,6 NE	W	18,7 W
13	C	11,9 W	W	22,3 W
14	C	20,9 W	W	22,3 W
15	C	13,7 S	W	24,1 W
16	C	20,9 W	C	18,0 NW
17	V	19,1 SE	W	19,1 W
18	SE	15,1 W	W	22,3 W
19	C	20,2 W	W	25,2 W
20	C	22,3 W	W	25,9 W
21	W	15,1 E	W	25,6 W
22	C	18,4 W	W	21,2 S
23	W	22,0 W	W	18,0 W
24	V	23,4 SW	C	20,2 NW
25			C	
26	V	17,4 NW	C	14,4 W
27	SE	18,7 S	W	24,5 W
28	SE	38,9 W	W	24,5 W
29	V	31,7 NW	V	30,6 NW
30	E	18,4 N	W	25,2 W
31	SE	18,4 W	NW	20,9 W
MES	C	46,8 SW	W	31,7 NW

**ABRIL**

**DIA NOCHE**

Dirección Ráfaga máx. Dirección Ráfaga máx.  
 Fecha dominante (km/hora) dominante (km/hora)

1	SE	18,7 NW	W	22,3 W
2	SE	27,0 SW	W	23,8 W
3	NW	14,0 NW	W	24,5 W
4	SE	18,4 E	W	25,9 W
5	W	32,4 W	W	20,9 W
6	W	23,0 SW	W	19,1 W
7	SE	21,6 N	C	18,4 W
8	SE	22,0 SW	W	21,6 W
9	C	18,4 W	C	9,0 W
10	SE	19,1 N	W	21,6 W
11	SE	16,2 SE	W	20,5 W
12	SE	28,8 SW	W	20,9 W
13	V	21,2 NW	C	14,0 NW
14	C	11,5 SE	W	18,7 W
15	V	13,7 N	SW	18,7 NW
16	SE	13,7 NW	W	21,2 W
17	SE	17,3 NW	C	14,4 W
18	V	20,9 N	C	14,4 W
19	E	18,4 E	W	21,6 W
20	SE	18,7 S	W	21,6 SE
21	SE	17,6 SE	C	15,1 W
22	SE	20,9 W	W	25,2 W
23	SE	46,4 NW	W	22,7 W
24	SE	14,4 SE	W	20,9 W
25	SE	14,4 SE	W	20,9 W
26	SE	11,5 SE	C	16,6 W
27	C	11,5 SE	W	23,0 W
28	SE	23,0 SE	C	20,9 W
29	SE	17,3 NW	C	
30	SE	20,9 N	C	16,6 W
31				
MES	SE	46,4 NW	W	25,9 W

Estación: Cenicafé  
 Altitud: 1.310 metros

Municipio: Chinchiná  
 Latitud : 4 - 59 N

Año: 1983  
 Longitud: 75 - 35 W

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

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

Estación: Cenicafé  
 Altitud: 1.310 metros

Municipio: Chinchiná  
 Latitud : 4 - 59 N

Año: 1983  
 Longitud: 75 - 35 W

SEPTIEMBRE

DIA		NOCHE		
Dirección	Veloc. med.	Dirección	Veloc. med.	
Fecha dominante	m/seg.	dominante	m/seg.	
1	NW	2,0	SE	2,4
2	NW	2,0	SE	1,9
3	NW	1,9	SE	1,8
4				
5	SE	2,2		
6	NW	1,4	SE	1,2
7	NW	1,8	SE	1,4
8	SE	2,0	SE	4,3
9	NW	2,4	SE	1,5
10	NW	1,9	SE	4,9
11	NW	2,0	SE	1,0
12	NW	1,8	SE	3,3
13	NW	2,1	SE	4,6
14	NW	1,7	SE	3,2
15	SE	2,2	SE	4,0
16	NW	2,1	SE	2,5
17	NW	1,9	SE	1,6
18	NW	2,2	SE	1,7
19	NW	2,7	SE	3,2
20	NW	1,7	SE	2,7
21	NW	2,4	SE	1,8
22	NW	1,9	SE	2,6
23	NW	2,3	SE	5,1
24	NW	2,3	SE	4,9
25	NW	2,5	SE	4,6
26	NW	2,0	SE	3,3
27	NW	2,5		
28	NW	1,9	SE	3,2
29	NW	2,2	SE	2,9
30	NW	1,9	SE	3,5
31				

MES

OCTUBRE

DIA		NOCHE		
Dirección	Veloc. med.	Dirección	Veloc. med.	
Fecha dominante	m/seg.	dominante	m/seg.	
1	NW	2,0	SE	2,6
2	NW	2,9	SE	3,6
3	SE	2,3	SE	2,8
4	NW	2,0	SE	2,6
5	NW	2,4	SE	2,6
6	NW	2,5	SE	4,2
7	NW	2,1	SE	5,0
8	NE	2,3	SE	5,3
9	NW	2,0	SE	2,2
10	NW	2,3	SE	1,5
11	SE	2,1	SE	3,8
12	SE	2,8	SE	4,0
13	NW	2,2	SE	2,3
14	NE	1,5	SE	1,8
15	NE	1,7	SE	1,3
16	NE	2,1	SE	1,3
17	NW	2,5	SE	1,6
18	NW	2,6	SE	4,4
19	NE	1,6	SE	3,4
20	NE	1,8	SE	1,3
21	NW	2,0	SE	2,4
22	NW	2,5	SE	2,1
23	NW	2,0	SE	3,4
24	NW	2,5	SE	3,9
25	NW	2,0	SE	3,9
26	NE	1,8	SE	2,5
27	NW	2,7	SE	1,1
28	SE	2,8	SE	2,6
29	SE	1,8	SE	2,2
30	SE	1,4	SE	1,4
31	NW	2,2	SE	1,1

MES

NOVIEMBRE

DIA		NOCHE		
Dirección	Veloc. med.	Dirección	Veloc. med.	
Fecha dominante	m/seg.	dominante	m/seg.	
1	NW	1,7	SE	2,4
2	NW	2,2	SE	2,4
3	NW	1,8	SE	3,2
4	NW	2,8	SE	3,0
5	NW	2,3	SE	4,8
6	SE	2,3	SE	4,6
7	NW	2,4	SE	4,4
8	NW	1,5	SE	3,0
9	NW	1,9	SE	1,5
10	SE	3,0	SE	2,4
11	SE	2,5	SE	3,9
12	SE	2,5	SE	2,6
13	SE	2,2	SE	4,4
14	SE	2,4	SE	2,7
15	SE	2,1	SE	1,8
16	NW	1,8	SE	2,6
17	SW	2,1	SE	3,5
18	NW	2,0	SE	1,9
19	NW	1,7	SE	3,3
20	NW	2,0	SE	4,9
21	NW	2,1	SE	3,9
22	NW	1,5	SE	2,4
23	SE	2,1	SE	3,5
24	NW	2,3	SE	3,6
25	NW	2,3	SE	3,1
26	SE	2,2	SE	4,1
27	SE	2,2	SE	3,2
28	NW	1,7	SE	1,5
29	SE	2,2	SE	2,3
30	SE	1,7	SE	2,3
31				

MES

DECIEMBRE

DIA		NOCHE		
Dirección	Veloc. med.	Dirección	Veloc. med.	
Fecha dominante	m/seg.	dominante	m/seg.	
1	NE	1,9	SE	1,7
2	NW	1,9	SE	3,6
3	NW	1,7	SE	1,6
4	NW	1,5	N	1,2
5	SE	1,6	V	1,1
6	NW	2,2	SE	2,1
7	SE	2,7	V	1,1
8	NW	2,1	SE	3,6
9	SE	1,9	SE	3,3
10	SE	1,8	NE	1,0
11	SE	2,0	SE	2,9
12	NE	2,2	SE	3,2
13	SE	2,1	SE	2,5
14	SE	2,2	SE	4,0
15	SE	2,4	SE	5,1
16	NW	1,6	SE	2,4
17	NW	1,8	SE	3,1
18	NW	2,7	SE	3,7
19	NW	2,1	SE	3,4
20	NW	1,9	SE	2,2
21	SE	2,3	SE	2,3
22	SE	2,3	SE	4,4
23	NW	1,7	SE	3,0
24	NW	2,0	SE	2,7
25	NW	2,1	SE	2,8
26	SE	2,2	SE	4,5
27	SE	2,0	SE	3,5
28	NW	2,4	SE	4,3
29	NW	2,4	SE	4,2
30	NW	2,5	SE	3,5
31	NW	2,0	SE	2,2

MES

Estación: Paraguaicito  
 Altitud: 1.250 metros

Municipio: Pijao  
 Latitud : 4- 24 N

Año: 1983  
 Longitud: 75 - 43 W

**ENERO**

**FEBRERO**

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

**MARZO**

**ABRIL**

DIA		NOCHE		DIA		NOCHE	
Dirección Ráfaga máx.		Dirección Ráfaga máx.		Dirección Ráfaga máx.		Dirección Ráfaga máx.	
Fecha dominante	(km/hora)	dominante	(km/hora)	Fecha dominante	(km/hora)	dominante	(km/hora)
1	V	17,3 E	NE	1	SE	17,6 SE	NW
2	V	35,6 N	V	2	SE	28,1 NW	NW
3	SW	20,9 NW	NW	3	SE	18,4 S	NW
4	SE	32,4 E	NW	4	SE	14,8 S	N
5	SE	31,7 NW	NW	5	SE	39,6 NW	W
6	V	13,0 SE	S	6	SE	19,8 NW	W
7	W	8,3 S	NW	7	NW	17,6 SE	NW
8	SW	25,2 N	N	8	SE	13,3 SE	E
9	V	33,1 SW	S	9	NW	11,9 NW	C
10	SE	10,8 W	NW	10	SE	18,4 SE	E
11	SE	25,9 E	SE	11	SE	17,3 N	NW
12	SE	16,6 SE	NW	12	SE	18,4 SE	NE
13	SE	14,8 SE	NW	13	W	15,8 W	W
14	W	10,4 SW	NW	14	NW	17,6 NW	N
15	V	15,8 E	SE	15	SE	13,7 S	N
16	V	17,6 SW	NW	16	N	11,5 W	W
17	V	25,2 NE	NW	17	NW	22,3 W	SW
18	S	15,1 SE	NW	18	SE	14,8 SE	SW
19	S	15,5 SW	NW	19	SE	15,5 SE	NW
20	S	18,0 S	NW	20	SE	19,8 S	NE
21	NW	14,4 SE	NW	21	SE	19,1 W	NW
22	V	17,6 S	NW	22	S		S
23	NW	17,3 E	NW	23	N	25,9 E	S
24	V	15,5 W	SE	24	S	15,1 NW	S
25	NW	17,3 NE	C	25	NW	21,2 NW	SW
26	SW	13,7 SW	NW	26	NW	11,5 NW	W
27	SE	25,6 NW	NW	27	S	25,6 SW	SW
28	S	21,6 N	NW	28	S	17,3 NW	S
29	V	53,3 W	W	29	NW	15,5 NW	S
30	SE	13,7 NE	NW	30	NW	15,8 N	SW
31	SE	15,1 S	V	31			
MES	V	53,3 W	NW	MES	SE	39,6 NW	NW

Estación: Paraguaicito  
 Altitud: 1.250 metros

Municipio: Pijao  
 Latitud : 4 - 24 N

Año: 1983  
 Longitud: 75 - 43 W

**MAYO**

DIA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	N	18,0 SE	SW
2	NW	31,7 S	S
3	S	13,0 N	S
4	NW	19,1 NW	W
5	NW	13,7 SE	W
6	V	11,9 SE	SW
7	N	11,5 NW	SW
8	NW	15,1 NW	SW
9	N	16,6 SE	SW
10	NW	17,3 NW	C
11	N	15,8 N	W
12	N	24,5 N	SW
13	N	11,9 NE	SW
14	NW	15,1 SW	SW
15	NW	14,4 S	
16	N	10,4 NE	SW
17	V	14,4 NE	S
18	S	9,7 S	S
19	S	12,2 N	SW
20	NW	13,7 NW	S
21	S	43,2 NE	SW
22	N	17,6 N	S
23	NW	24,5 SW	SW
24	S	27,0 S	S
25	N	52,6 NW	S
26	V	30,6 S	C
27	V	12,6 N	C
28	V	7,9 SW	S
29	S	18,7 N	S
30	NW	14,0 NW	SW
31	N	17,3 NW	SW
MES	N - NW	52 6 NW	SW

**JUNIO**

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

**JULIO**

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

**AGOSTO**

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

Estación: Paraguaicito  
 Altitud: 1.250 metros

Municipio: Pijao  
 Latitud: 4 - 24 N

Año: 1983  
 Longitud: 75 - 43 W

**SEPTIEMBRE**

**OCTUBRE**

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

**NOVIEMBRE**

**DIEMBRE**

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

Estación: Albán  
 Altitud: 1.400 metros

Municipio: El Cairo  
 Latitud : 4 - 46 N

Año: 1983  
 Longitud: 76 - 13 W

**ENERO**

**FEBRERO**

DÍA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	NE	SE	
2	V	E	
3	NE	E	
4	E	E	
5	E	E	
6	NE	E	
7	E	E	11,9 NE
8	NE	33,8 NE	15,8 NE
9	NE	34,9 NE	16,6 NE
10	NE	42,5 NE	23,4 NE
11	W	39,2 NE	16,9 NE
12	NE	41,4 NE	12,2 E
13	E	32,4 NE	33,1 NE
14	NE	36,0 NE	25,9 E
15	E	36,0 E	29,5 NE
16	NE	46,4 NE	20,9 NE
17	E	43,6 NE	20,5 E
18	NE	43,2 NE	17,3 SE
19	NE	38,9 E	29,9 NE
20	NE	10,3 NE	13,0 SE
21	E	34,2 NE	14,8 E
22	NE		
23	NE		
24	NE	35,6 NE	26,6 NE
25	E	42,5 NE	7,9 NE
26	NE	38,9 NE	29,2 NE
27	NE	33,5 E	9,7 E
28	NE	43,2 NE	35,6 NE
29	NE	36,7 NE	10,8 E
30	NE	46,4 NE	18,4 NE
31	NE	32,4 NE	18,7
MES	NE	46,4 NE	E 35,6 NE

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

**MARZO**

**ABRIL**

DÍA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	NE	36,0 E	NE 25,2 NE
2	NE	42,8 NE	NE 28,4 NE
3	NE	37,1 NE	SE 11,2 E
4	NE	43,6 NE	E 10,8 SE
5	NE	45,4 NE	NE 22,3 NE
6	NE	35,3 NE	NW 18,7 NE
7	NE	38,9 NE	E
8	NE	38,9 NE	E
9	NE	23,8 NE	NE
10	NE	34,2 E	NE
11	NE	43,6 NE	E 23,4 NE
12	NE	41,8 NE	E 13,3 NE
13	NE	47,2 NE	E 24,8 NE
14	NE	25,6 NE	SE
15	NE	36,7 NE	E 18,7 NE
16	N	44,3 NE	E 16,6 E
17	NE	43,9 NE	SE 19,1 E
18	E	35,6 NE	NE 19,1 E
19	NE	43,6 NE	E 25,2 E
20	NE	38,5 NE	E 22,3 NE
21	NE	36,4 NE	E 7,6 E
22	NE	36,4 NE	SE 27,7 NE
23	NE	40,3 NE	E 22,0 E
24	NE	30,6 NE	NE
25	NE	35,6 NE	C
26	NE	28,1 N	C 16,2 NE
27	V	33,1 NE	SE
28	NE	36,7 NE	NE 25,9 NE
29	NE	39,2 NE	E 11,2 SE
30	NE	35,3 NE	E 11,2 SE
31	NE	39,6 NE	NE 35,3 NE
MES	NE	47,2 NE	E 35,3 NE

DÍA		NOCHE	
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)
1	NE	39,6 NE	E 26,3 E
2	NE	37,4 E	E 25,6 NE
3	NE	36,0 NE	SE 18,0 E
4	V	13,3 NE	SE 11,2 E
5	NE	42,5 NE	NE 23,4 NE
6	NE	29,5 NE	NE
7	NE		SW
8	NE	29,9 NE	NE 13,7 NE
9	NE	13,0 N	W
10	W	32,8 NE	E
11	E	29,9 NE	E 7,6 E
12	NE	32,4 NE	E 17,6 NE
13	NE	29,2 NE	NE
14	NE	28,8 NE	E
15	NE	46,8 NE	SW 22,3 NE
16	NE	24,5 NE	E
17	NE	32,4 NE	E
18	NE	39,6 NE	NE
19	NE	39,2 NE	E
20	NE	40,7 N	NE 31,7 NE
21	NE	42,5 N	NE
22	N	26,3 NE	SE 17,3 E
23	NE	41,4 NE	NE 25,9 NE
24	NE	25,2 N	NE 17,3 E
25	NE	39,2 NE	E
26	E	25,6 NE	NE 14,4 N
27	NE	36,7 NE	NE 11,5 NE
28	NE	29,5 N	NE
29	N	33,1 N	E
30	NE	40,0 NE	NE 32,0 NE
31			
MES	NE	46,8 NE	NE 32,0 NE

Estación: Albán  
 Altitud: 1.400 metros

Municipio: El Cairo  
 Latitud : 4 - 46 N

Año: 1983  
 Longitud: 76 - 13 W

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

JULIO					AGOSTO				
DIA		NOCHE			DIA		NOCHE		
Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	Dirección	Ráfaga máx.	Dirección	Ráfaga máx.
Fecha dominante	(km/hora)	dominante	(km/hora)	Fecha dominante	(km/hora)	dominante	(km/hora)	Fecha dominante	(km/hora)
1	NE	35,6 NE	E	10,1 E	1	NE	35,6 NE	NE	26,3 NE
2	NE	39,2 NE	N	21,6 NE	2	NE	42,1 NE	E	24,5 NE
3	N	29,5 N	NE	28,4 NE	3	NE	28,8 N	E	24,5 NE
4	NE	41,8 NE	NW	18,0 NE	4	NE	36,0 NW	NE	38,9 NE
5	NW	39,2 N	NE	18,0 NE	5	NE	28,1 N	NE	6,5 NE
6	N	36,0 NE	NE	20,9 NE	6	NE	42,5 N	N	29,5 NE
7	N	36,0 NE	NE	20,9 NE	7	NE	38,9 NE	NE	22,3 NE
8	NE	36,4 NE	NE	25,2 NE	8	NE	40,3 NE	E	16,2 E
9	NE	25,2 NE	NE	7,2 NE	9	NE	39,6 NE	NE	16,2 E
10	NE	39,6 NE	E	16,2 E	10	NE	36,0 NE	NE	22,0 NE
11	NE	35,6 NE	E	18,7 E	11	NE	42,5 NE	NE	28,1 NE
12	NE	36,4 NE	E	31,7 NE	12	NE	38,9 NE	E	15,1 NE
13	N	41,4 N	NE	26,3 NE	13	NE	54,4 NE	E	39,2 NE
14	NE	40,3 NE	NE	22,3 NE	14	NE	43,9 N	NE	28,8 NE
15	NE	42,8 NE	NE	19,4 NE	15	NE	40,7 N	E	18,0 NE
16	NE	43,9 NE	E	18,7 E	16	NE	34,2 N	NE	22,7 NE
17	NE	37,1 NE	E	14,4 E	17	NE	25,2 NE	E	22,0 NE
18	NE	46,1 NE	E	25,6 E	18	NE	29,2 NE	NW	9,0 NE
19	NE	10,0 NE	E	11,9 E	19	NE	25,9 NE	NE	18,0 NE
20	NE	29,5 NE	E	16,9 E	20	NE	32,8 NE	NE	21,2 NE
21	NE	40,3 NE	E	22,0 NE	21	NE		E	
22	S	22,3 SW	S		22	NE	25,9 NE	NE	35,6 NE
23	NE	32,8 NE	E	17,6 E	23	NE	29,5 NE	NW	32,4 NE
24	NE	50,0 NE	E	22,7 NE	24	NE	25,2 N	NE	15,5 NE
25	NE	38,2 NE	E	20,9 E	25	NE	29,5 NE	NE	
26	NE	28,8 NE	NE	23,8 NE	26	NE	27,0 NE	NE	12,6 NE
27	NE	29,2 N	NE	18,7 NE	27	NE	28,8 NE	E	14,4 N
28	NE	40,0 NE	E	20,9 NE	28	NE	23,8 E	NE	17,3 NE
29	NE	46,8 NE	NE	23,0 NE	29	NE	29,2 NE	NE	11,9 NE
30	NE	36,0 NE	NE	18,7 NE	30	NE	24,8 NE	E	13,7 E
31	NE	39,6 NE	NE	19,1 E	31	N	35,3 N	NE	23,4 N
MES	NE	50,0 NE	NE	31,7 NE	MES	NE	54,4 NE	NE	39,2 NE

Estación: Albán  
 Altitud: 1.400 metros

Municipio: El Cairo  
 Latitud : 4 - 46 N

Año: 1983  
 Longitud: 76 - 13 W

### SEPTIEMBRE

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

### OCTUBRE

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

### NOVIEMBRE

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

### DICIEMBRE

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

Estación: Tibacuy  
 Altitud : 1 550 metros

Municipio: Tibacuy  
 Latitud : 4 - 21 N

Año: 1983  
 Longitud: 74 - 25 W

Dirección dominante del viento - DIURNO

Fecha	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
1	SE	SE	SE	SE	SE	SE	SE	SE	SE		V	
2	SE	SE	SE	SE	SE	SE	SE	SE	SE	NE	NE	
3	SE		SE	SE	SE	SE	SE	SE	SE		NE	
4	SE		SE	SE	SE	SE	SE	SE	SE		NE	
5	SE	SE	SE	SE	V	SE	SE	SE	V			
6	SE	SE	SE	SE	V	SE	SE	SE	W	V		
7	SE	SE	SE	SE	V	NE	SE	SE	SE	SE	NE	
8	SE	SE	SE	NE	SE	SE	SE	SE	SE	SE	NE	NE
9	SE		SE	C	SE	SE	SE	SE	NW		NE	NE
10	SE	SE	SE	SE	SE	SE	SE	SE	SE	V	NE	
11	SE	SE	SE	SE	SE	SE	SE	SE	SE			
12	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	NE	
13	V	SE	SE	SE	SE	SE	SE	SE	SE	SE		
14	E	SE	SE	SE	V	SE	SE	SE	SE	SE		NE
15			SE	SE	SE	SE	SE	SE	V	SE	NE	
16	SE	SE	SE	SE	SE	SE	SE	SE	NE	SE	NE	
17	SE	SE	SE	SE	SE	SE	SE	SE	V	V		
18	SE	SE	SE	SE	SE	SE	NW	SE			NE	
19		SE	SE	SE	SE	SE	NW	SE	NE	NE	NE	
20	SE	SE	SE	SE	SE	SE	SW	SE	NE	NE		
21			V	N	SE	SE	SE	SE	NE		NE	
22			V	SE	SE	SE	SE	SE			NE	NE
23		V	SW	SE	SE	SE	SE	SE	NE		NE	NE
24		V	SE	SE	SE	V	SE	SE	NE	NE	NE	V
25		SE	S	SE	SE	SE	SW	SE	V	NE	NE	
26	SE	SE	W	SE	SE	V	SE	SE		NW	NE	
27	SE	SE	SE	SE	S	SE	SE	SE		NE		
28	SE	V	V	SE	SE	SE	SE	SE			NE	
29	SE		SE	SE	SE	NE	SE	SE		NE	V	
30	SE		V	SE	SE	SE	SE	SE	NE	NE	NE	
31	SE		SE	SE	SE	SE	SE	SE		NE	NE	
Media	SE	SE	SE	SE	SE	SE	SE	SE		NE	NE	

Dirección dominante del viento - NOCTURNO

Fecha	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
1	W	W	W	W	W	SW		NW	W		SW	
2	W	W	W	W	SW	SW	W	W	W	SW	SW	
3	C		W	W	SW			W	W		SW	
4	W		W	W	W	SW	SW	SW			SW	
5	SW	V	W	W	SW			W				
6	W	W	W	SW	SW	W	SW	W	W			SE
7	W	W	W	SW	SW	W	W	W	W		SW	
8	W	SW	W	W	W	W	NW	W	W	SE	SE	SE
9	W		W	SW	SW	W	NW	W		SE	SE	
10	W	W	W		SW	W	W	W		SE	SE	
11	W	SW	W	C	W	W	W	W		SW	SE	
12	W	W	W	W	SW		W	NW		SW	SW	
13	W	W	W	W	SW	SW	NW		SW	SW		
14	W	W	W	W	W	SW		NW				SW
15	W		W	SW	W	W	W	W	SW	SW	SE	
16	W	W	W		SW	W	NW	W			SE	
17	W	W	W			W	W	NW	S	C		
18	W	SW	W	SW		SW	SW	C		SE	SE	
19		W	W	W	SW	SW	SW	SW	S	SW	SE	
20		W	W	V	SW	W	NW	NW		SW	SE	
21			W	W	W	W	W	NW	SW	SW	SE	
22	W		SW	W	W	W	SW			SW	SE	SE
23		W	W	SW	W	NW	NW	W	S		SE	
24	W	W	SW		W	NW	W	NW		SW	SW	SE
25		W	W	SW	W	W	SW	SW	SW	SW	SE	SE
26	W	W	W	W	SW	NW	W	W	SW	SW	SW	
27	W	W	C		W	NW	W	W			SE	
28	V	W	W	C	W	NW	SW	NW			SE	
29			W	V	W	W	W	W		SE	SE	
30	W		W	W	W	NW	NW	W	S	SE	SE	
31	W		W	W	W	W	SW	W		SE	SW	
Media	W	W	W	W	W	W	W	W		SW	SE	

Estación: La Florida  
 Altitud : 1.850 metros

Municipio: Popayán  
 Latitud : 2 - 27 N

Año: 1983  
 Longitud: 76 - 35 W

**Dirección dominante del viento - DIURNO**

Fecha	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
1	SW	NW	SW	SW	N	SW	NW	E	SW	SW	SW	V
2	SW	SW	SW	SW	SW	SW	SW	NE	S	SW	NW	V
3	SW	SW	C	SW	SW	SW	NE	SW	NE	SW	V	C
4	C	SW	SW	SW	SW	SW	SW	SW	SW	SW	V	C
5	S	SW	E	SW	SW	SW	SW	SW	SW	SW	SW	C
6	SW	SW	SW	C	SW	SW	W	NW	SW	NE	SW	C
7	SW	V	SW	SW	SW	SW	NW	NE	SW	NE	SW	V
8	SW	V	C	SW	SW	SW	SW	NE	SW	SW	SW	SW
9	SW	SW	V	C	SW	W	V		SW	SW	SW	V
10	V	SW	V	V	N	SW	SW	NE	S	NW	NW	V
11	SW	V	C	N	S	S	NW	NE	C	SW	SW	V
12	C	SW	SW	SW	SW	SW	NE		NE	SW	NW	SW
13	SW	NW	SW	C	SW	S	NE		NE	SW	SW	SW
14	V	V	SW	V	SW	SW	SW		S	SW	SW	SW
15	SW	SW	SW	SW	SW	V	SW		NW	NE	NE	S
16	SW	SW	SW	N	C	S	V		NW	NW	V	C
17	SW	SW	SW	SW	S	S	NE		C	SW	NW	C
18	SW	SW	N	C	V	E	NE		NE	SW	SW	
19	SW	SW	SW	SW	SW	V	V			SW	SW	SW
20	SW	NE	SW	SW	NW	SW	E			SW	SW	V
21	SW	SW	SW	SW	N	SW	NE	SW		NW	W	SW
22	SW	SW	SW	SW	E	SW	S		NW	SW	SW	C
23	SW	V	SW	W	SW	NE	W		NE	SW	SW	SW
24	SW	SW	SW	N	SW	NE	NE		NE	SW	E	SW
25	SW	V	SW	SW	SW	S	E	SW	NE	V	SW	SW
26	SW	V	V	SW	SW	NE	NE	SW	NE	NE	SW	NW
27	E	SW	N	SW	SW	SW	SW	NW	NE	SW	SW	V
28	SW	SW	V	SW	S	S	NF	NW	SW	NE	NW	SW
29	SW		SW	SW	SW	SW	SW	SW	NE	SW	SW	SW
30	SW		SW	W	SW	NE	SW	NW	NE	NW	C	SW
31	SW		SW	SW	SW	SW	SW	SW		SW		C
Media	SW	SW	SW	SW	SW	SW	SW		NE	SW	SW	SW

**Dirección dominante del viento - NOCTURNO**

Fecha	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
1	E	E	E	SE	C	E	NE	NE	E	E	NE	C
2	C	E	C	E	E	C	E	E	C		C	C
3	C	E	C	E	C	C	E	E	E		C	C
4	C		C	E	SE	C	E	E	C	NE	NE	C
5	C	C	C	C	E	C	E	E	C		NE	C
6	C	C	C	C	V	C	E	E	C	NE	NE	C
7	SE	C	C	C	NE	C	C	E	NE	NE	SW	C
8		C	C	C	E	C	E	E	E	NE	C	C
9	V	C	C	C	E	E	E		NE	NF	C	C
10	E	E	C	C	E	NE	E	E	C	C	C	C
11	E	E	SE	C	E	C	E		E		E	C
12	E	E	E	C	E	E	E		C	C	C	C
13	E	E	E	C	C	C	E		C	SE	C	C
14	C	E	E	C	C	E	E		NE	NW	C	C
15	E	V	SE	C	C	V	E		NE		C	C
16	E	E	E	C	C	C	E		C	C	C	C
17	E	E	E	SE	C	C	E			NE	C	C
18	E	E	E	C	C	C	V		C	C	C	C
19	E	E	SE	C	C	E	E			NE	NE	C
20	E	SE	E	C	C	E	E			NE	V	C
21	E	E	E	C	C	V	E		NE	NE	SE	NE
22	E	V	E	C	C	E	E		E	NE	C	V
23	E	E	V	SE	C	E	E		E	E	C	C
24	E	E	V	C	C	E	E		NE	NE	C	NE
25	E	E	C	C	C	E	E	C	E	C	NE	C
26	C	SE	C	C	C	E	E	E	V	C	NE	C
27	E	E	C	C	C	E	E	C	NE	C	C	C
28	C	E	C	C	C	E	E	C	E	C	C	C
29	C		C	C	E	E	E	C	E	V	C	C
30	E		SE	C	E	E	C	E	E	NE	C	C
31	C		SE	C	E	E	E		E	C	C	C
Media	E	E	C	C	C	E	E		E	NE	C	C

Estación: El Rosario  
 Altitud : 1.540 metros

Municipio: Venecia  
 Latitud : 5 - 58 N

Año: 1983  
 Longitud: 75 - 44 W

Dirección dominante del viento - DIURNO

Fecha	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
1	NW	V	V	NW		W		NW	W	NW	SW	V
2	V	V	W	W	W	W	W	W	W	NE	V	W
3	NW	NW	W	V	W	V	W	W	W	NE	W	V
4	NW	V	NW	W	W	W	W	W	SW	W	NE	V
5	W	W	W	W	W	W	W	W	NE	SW	SW	NE
6		W	W	E	W	W	W	W	NW	SW	SW	V
7	V	V	W	W	W	W	W	W	SW	SW	SW	V
8	W	W	W	W	W	V	W	W	SW	V	NW	W
9	W	W	W	E	W	W	W	W	SW	W	V	NW
10	W	NW	V	W	W	V	W	W	SW	SW	V	SW
11	W	W	W	V	W	W	W	W	SW	W	V	SE
12	SE	W	W	V	V	W	W	W	SW	SW	V	SE
13	W	W	W	W	W	W	W	W	NE	V	V	W
14	V	W	W	W	W	W	W	W	SW	SW	SW	SW
15	W	W	W	V	V	W-SW	W	W	NE	SW	SW	V
16	W	E	W	W	W	W	W	W	SW	W	SW	SW
17	V	SW	W	W	W	W	W	W	NW	SW	SW	SW
18	W	V	W	W	E	W	W	W	V	SW	SW	SW
19	W	V	W	W	NW	W	W	W	SW	SW	V	SW
20	W	W	W	W	NW	W	W	W	SW	SW	SW	V
21	W	V	W	W	V	W	W	NW	SW	NW	SW	SW
22	W	W	W	W	W	W	W	W	SW	NE	SW	SW
23	NW	V	V	W	W	W	W	W	V	SW	SW	SW
24	W	W	V	W	NW	W	W	W	SW	V	V	SW
25	NW	W	V	W	W	NE	NW	W	SW	V	SW	W
26	W	E	V	W	NW	W	W	W	W	NE	C	V
27	NW	W	E	W	W	W	W	W	SW	SW	SW	W
28		V	NW	W	V	W	W	W	SW	NW	SW	W
29			W	V	W	W	W	SW	SW	V	SW	V
30			W	W	W	W	NE	W	SW	SW	SE	V
31	V		W	W	W	W	W	W	SW	SW		SW
Media	W	W	W	W	W	W	W	W	SW	SW	SW	SW

Dirección dominante del viento - NOCTURNO

Fecha	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
1	SE	E	SE	SE		V		E	V		V	SE
2	SW	SE	SE	SE		E	E	V	SW	V	V	SW
3	C	SE	V	V	E	V	V	SE	E	V	V	V
4	SE	SE	SE	SE	E	SE	SE	SE	V	NE	E	
5	SE	V		SE	E	SE	V	E	SW	SE	NE	V
6		V	E	E	SE		SE	E	NE	NE	NE	V
7	SE	SE		E	SE	C	SE	V	E	NE	V	V
8	SE	V	V	E		V	SE	E	NE	NE	V	V
9	SE	SE	V	SW	E	E	SW	E	NE	NE	V	E
10	SE	SE	E		E	E	SE	E	SE	SE	SE	V
11	E	E	V	SW	V	SE	SE	E	NE	V	SW	V
12	SE	SE			V	V	SE	E	V	SW	E	SW
13	E	E	E		E	E	E	E	NE	SW	V	C
14	SE	SE	V	SE	SW	E	E	E	V	NE	SW	V
15	E	SE	E	SE	V	SE	E	E	V	SW	E	V
16	E	E	SE	V	SE	E	SE	E	SE	V	SE	V
17	E			V	V	E	E	E	NE	SE	V	V
18	SE	SE	SE	C	C	E	E	E	V	V	NE	V
19	E	SE	SE	V	V	E	E	E	V	NE	NE	V
20	E		E	V	SE	SE	E	E	V	V	SE	E
21	SE	SE	E	V	V	E	E	E	SW	V	V	SE
22	SE	V	SW	V	E	SW	V	E	NE	NE	NE	E
23	SE	SE	SE	SW	SE	E	E	E	V	V	SW	E
24	SE	SE	V	E	SE	V	E	V	V	E	NE	E
25	SE	E	C	SE	SE	E	E	V	V	V	NE	E
26	SE	C	V	E	V	E	E	E	E	NE	NE	NE
27	SE	E	E	E	SE	E	E	SW	V	SE	NE	E
28		SE	V	SE	V	V	E	C	NE	V	V	SE
29			V	E	V	V	E	C	SW	SE	SE	V
30	SE		E		V	V	E		V	SW	SE	V
31	E		E		SW	SW	V	V	V	SW		V
Media	SE	SE	V-E	SE-E	SE-V	E	E	E	V	V	V	V

Estación: Ospina Pérez  
 Altitud : 1.700 metros

Municipio: Consacá  
 Latitud : 1 - 16 N

Año: 1983  
 Longitud: 77 - 28 W

Dirección dominante del viento - DIURNO

Fecha	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
1	NW	NW	V	SW	V	V	V	SW	NW	V	NW	NW
2	NW	V	V	NW	V	NW	NW	NW	NW	V	W	W
3	NW	NW	NW	NW	NW	NW	NW	V	SE	NW	W	W
4	NW	NW	V	V	V	NW	V	NW	NW	V	W	NW
5	NW	NE	SW	V	V	V	V	SW	NW	V	NW	NW
6	SW			V	NW	NW	NW	NW	V	V	W	NW
7	W	NW	V	NW	NW	V	V	V	V	V	W	NW
8	W	NW	V	NW	W	V	NW	V		NW	V	NW
9	SW	V	V	SW	SW	NW	V	SW	NW	V	NW	V
10	V	NW	V	NW	V	V	NW	SW	NW	V	W	V
11	NW	V	V	SW	NW	V	NW	V	V	NW	W	V
12	NW	NW	V	V	V	V	V	SW	V	NW	W	NW
13	NW	NW	V	W	SW	V	V	SW	V	V	W	NW
14	SW	NW	NW	V	V	NW	V	SW	NW	NW	NW	NW
15	NW	V	NW	NW	NW	NW	V	V	V	NE	V	V
16	NW	V	V	NW	SW	V	V	SW	V	NW	W	NW
17	V	V	NE	V	V	W	V	SW	V	V	NW	SW
18	V	NW	V	W	NW	V	V	SW	NW	NW	W	SW
19	V	V	V	SW	V	V	V	SW	V	NW	W	SW
20	V	V	V	V	V	V	V	V	NW	V	W	W
21	NW	V	V	W	NW	V	V	V	V	V	W	V
22	V	V	V	V	V	V	V	SW	V	V	NW	V
23	V	V	V	W	NW	V	NW	SW	V	V	NW	SW
24	V	V	SW	V	V	V	V	NW	V	NW	V	W
25	NW	V	NW	V	V	V	V	NW	V	V	W	W
26	SW	V	V	V	V	V	V	NW	V	V	V	V
27	NE	W	NW	V	V	V	V	NW	V	W	W	V
28	NW	V	V	SW	NW	V	NW	NW	V	NW	W	NW
29	NW	V	V	NW	V	V	V	NW	V	V	W	NW
30	V	NW	V	V	V	V	V	V	V	V	NW	NW
31	NW		NW	V	V	V	V	V		NW		NW
Media	NW	V	V	V	V	V	V	SW	V	NW	W	NW

Dirección dominante del viento - NOCTURNO

Fecha	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
1	SW	SE	E	NE	V	E	E	SE	SE	V	V	SE
2	V	SE	V	SE	SE	V	E	SE	V	V	V	V
3	SE	SE	SE	SE	V	SW	V	SE	SE	V	SW	C
4	V	V	V	SE	V	SW	V	SE	NE	V	SW	SW
5	V	SE	V	V	V	V	E	SE	V	SE	V	SW
6	E	V	V	V	V	V	V	V	V	V	V	V
7	V	SE	SW	NE	SW	V	V	V	V	V	V	SW
8	E	V	SW	SW	E	E	SW	SE	V	V	V	V
9	E	V	V	SE	NE	SE	SW	V	SE	SE	V	V
10	SE	SE	SE	V	V	SF	SE	SE	V	SE	V	SW
11	SE	SE	SE	NE	V	V	V	V	V	V	V	V
12	V	SE	V	V	V	V	V	SE	V	SW	V	V
13	SW	SE	V	V	NE	E	SE	V	V	V	E	V
14	V	V	SE	V	V	V	V	V	V	SW	E	SE
15	V	V	V	SW	SW	V	V	V	V	V	V	SW
16	E	V	SW	E	SW	V	V	V	SW	V	V	SW
17	V	V	SW	V	V	V	V	E	V	E	SE	SE
18	V	SE	SE	E	E	V	V	SE	V	NE	V	SE
19	E	SE	NE	NE	V	V	E	V	V	SW	V	E
20	V	SE	V	V	NE	V	E	V	V	V	SE	V
21	V	V	V	SW	V	V	V	V	V	V	SE	V
22	E	V	V	E	SW	V	SE	SE	SE	E	V	V
23	SE	SE	SW	V	V	E	V	V	SE	V	SW	V
24	V	SE	SW	V	V	V	SE	NE	SE	V	SE	SE
25	V	V	V	V	E	V	SE	SE	V	V	V	V
26	SW	SE	SW	V	V	SE	SE	V	V	E	V	V
27	V	SE	V	V	NE	V	SE	V	E	NE	SW	V
28	SW	V	V	NE	SE	V	SE	V	V	V	SW	V
29	SE	V	V	SW	V	V	SE	V	V	SW	SW	V
30	V		V	E	E	V	V	V	V	C	V	V
31	V		SW	E	E	V	V	SW	V		V	V
Media	V	SE	V	V	V	V	V	SE	V	V	V	V