

ANUARIO METEOROLOGICO 1987



Cenicafé

CENTRO NACIONAL DE INVESTIGACIONES DE CAFE

"Pedro Uribe Mejía"

CHINCHINA - CALDAS - COLOMBIA

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

ANUARIO

METEOROLOGICO

1987

SE CANJEA CON PUBLICACIONES DE LA MISMA INDOLE

DIRECCION:

CENICAFE-CHINCHINA - CALDAS-COLOMBIA

ADDRESS:

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ANUARIO METEOROLOGICO

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.

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INTRODUCCION

La presente información corresponde a las observaciones meteorológicas realizadas durante el año de 1987, 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 de vapor, punto de rocío, lluvia y brillo solar; b) Estaciones heliopluviográficas, con datos de lluvia y brillo solar; c) Puestos pluviográficos, con datos de lluvia obtenidos en pluviógrafos; d) Puestos pluviométricos, con datos de lluvia observados en pluviómetros.

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

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

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

CÁLCULOS.

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

$$e = E_1 - A_p (t - t_1)$$

e = Tensión del vapor actual, en milibares.

E_1 = Tensión del vapor de saturación a la temperatura t_1 .

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

t = Temperatura del termómetro seco, en °C.

t_1 = Temperatura del termómetro húmedo, en °C.

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

E = Tensión del vapor de saturación a la temperatura del termómetro seco (t).

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

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

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

3

La temperatura media diaria se obtiene, según el siguiente promedio aritmético:

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

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 registrado 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; 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 324, 353) se presentan los datos diarios de vientos de superficie.

Los registros de la estación de Cenicafé se obtuvieron en un anemógrafo mecánico tipo Woelfle marca Lambrecht. Se publican las direcciones dominantes y las velocidades medias en metros por segundo, para vientos diurnos (7 a.m. a 7 p.m.) y vientos nocturnos (7 p.m. a 7 a.m.). Las velocidades fueron calculadas horariamente con la regla de ascensión suministrada con el aparato; luego se calculó el promedio para las 12 horas diurnas y las 12 horas nocturnas, que es el dato publicado.

Los registros de las estaciones de Naranjal, Paraguaicito, Maracay y Albán se obtuvieron en un anemógrafo Universal marca Fuess. Se publican las direcciones dominantes, las velocidades medias y las ráfagas máximas en kilómetros por hora, éstas últimas con su correspondiente dirección y velocidad. Las velocidades medias calculadas en este aparato son equivalentes a las obtenidas en el Woelfle, solamente que se utilizan unidades diferentes.

Los registros de las estaciones de El Rosario, La Florida, Tibacuy y Ospina Pérez, fueron obtenidos en anemógrafos mecánicos Instrument Corporation, que permiten conocer únicamente las direcciones dominantes.

MODIFICACIONES EN EL SERVICIO METEOROLOGICO.

Como para los estudios climatológicos es importante contar con una serie histórica de datos lo más larga posible, a continuación se anotan los cambios efectuados con relación al año anterior, 1986:

ESTACIONES

Suspendidas

La estación principal de Ibagué - Chapetón fue suspendida definitivamente.

Elevación de categoría

La estación principal de Montenegro - El Agrado pasó a la categoría de principal.

Traslados

La estación principal de Pereira - La Joya fue trasladada a Pereira - La Catalina, donde funcionaba un puesto pluviométrico.

Nuevas

Se instaló una estación pluviográfica en Ulloa - El Recreo, donde funcionaba un puesto pluviométrico.

PUESTOS PLUVIOMETRICOS

Suspendidos

Municipio	Estación	Departamento
Venecia	El Vergel	Antioquia
Filadelfia	Samaria	Caldas
Vergara	Los Pantanos	Cundinamarca
La Vega	Los Aleros	Cundinamarca
Baraya	El Alba	Huila
Acacías	Montelíbano	Meta
Lourdes	Concentración	Norte de Santander
Pereira	Belmonte	Risaralda
Belén de Umbría	La Florida	Risaralda
Rionegro	La Reserva	Santander
Landazuri	El Danubio	Santander
Casablanca	La Graciela	Tolima
Valle San Juan	Orisol	Tolima
San Antonio	La Meseta	Tolima
Ortega	Cedrales	Tolima

Reiniciaron servicio

Municipio	Estación	Departamento
La Victoria	Marzala	Caldas
Manizales	La Trilladora	Caldas
San Francisco	La Carlina	Cundinamarca
San Bernardo	Arabia	Cundinamarca
Floridablanca	Miporal	Santander
Herveo	El Progreso	Tolima

Nuevos

Municipio	Estación	Departamento
Palestina	La Palma	Caldas
Palestina	Providencia	Caldas
Filadelfia	La Julia	Caldas
Belalcázar	El Diamante	Caldas
Algeciras	Guayabal	Huila
Montenegro	Milán	Quindío

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	Catatumbo
	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

Rionegro	Palestina		7°21'	73°07'	1.350	Lebrija
Rionegro	Los Cocos		7°18'	73°07'	1.300	Lebrija
Rionegro	Coral		7°18'	73°11'	700	Lebrija
Bucaramanga	Ceylán		7°09'	73°38'	1.300	Oro
Girón	Bonanza		7°04'	73°10'	1.250	Oro
Floridablanca	Miporal		7°04'	73°36'	1.200	Oro
San Vicente	Aguas Blancas		6°57'	73°26'	1.000	Sogamoso
San Vicente	Santa Cruz		6°52'	73°23'	750	Sogamoso
San Vicente	Nazareth		6°57'	73°25'	1.000	Sogamoso
Hato	Chochos		6°32'	73°18'	1.400	Suárez
Pinchote	Las Flores		6°30'	73°14'	1.700	Suárez
Páramo	La Laguna		6°26'	73°10'	1.550	Suárez
Guadalupe	Sevilla		6°15'	73°25'	1.390	Suárez
Charalá	Villanueva		6°16'	73°08'	1.450	Ponce
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	Suárez
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Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s n m	Hoya hidrográfica
CUNDINAMARCA						
	Yacopí	Montelibano	5°28'	74°22'	1.340	Negro
	La Palma	Sec. de Agricultura	5°21'	74°23'	1.250	Negro
	Caparrapí	El Paraíso	5°19'	74°29'	1.450	Negro
	Vergara	La Florida	5°08'	74°21'		Negro
	Guaduas	Sec. de Agricultura	5°04'	74°36'	1.060	Negro
	Sasaima	El Triángulo	4°58'	74°26'	1.500	Negro
	Sasaima	Icalí	4°57'	74°25'	1.300	Negro
	Vianí	Vianí	4°52'	74°33'		Negro
	San Juan de Rioseco		4°51'	74°40'	1.300	Magdalena
	San Francisco	La Carlina	4°59'	74°17'	1.665	Negro

VERTIENTE DE LOS LLANOS

META						
	Acacias	Maringá	4°00'	73°46'	540	Acacias

VERTIENTE ORIENTAL CORDILLERA CENTRAL

CALDAS						
	Samaná	El Paraíso	5°32'	74°57'	1.500	La Miel
	Marquetalia	Santa Helena	5°18'	75°09'	1.450	Guarinó
	Manzanares	Llanadas	5°13'	75°11'	1.420	Guarinó
	La Victoria	La Pastorita	5°19'	75°01'	1.100	La Miel
	La Victoria	Marzala	5°19'	74°58'		La Miel
TOLIMA						
	Mariquita	La Mesa	5°11'	74°53'	1.200	Magdalena
	Fálan	Palocabildo	5°08'	74°53'	1.500	Gualí
	Herveo	El Progreso	5°06'	75°08'	1.860	Gualí
	Fresno	La Cimarrona	5°10'	75°00'	1.400	Gualí
	Libano	La Trinidad	4°55'	75°04'	1.430	Recio
	Santa Isabel	Guadualito	4°41'	75°05'	1.620	Gualí
	Anzoátegui	Janiyof	4°37'	75°12'	1.700	La China
	Alvarado	Totarito	4°34'	74°52'	1.250	Alvarado

VERTIENTE OCCIDENTAL CORDILLERA CENTRAL

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

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s n m	Hoya hidrográfica
CALDAS						
	Aguadas	Guaymaral	5°38'	75°28'	1.600	Cauca
	Aguadas	Cuatroesquinas	5°36'	75°30'	1.900	Arma
	La Merced	El Contenido	5°24'	75°33'	1.800	Cauca
	Pácora	La Linda	5°30'	75°28'	1.850	Cauca
	Pácora	La Cascada	5°31'	75°28'	1.600	Cauca
	Filadelfia	La Julia	5°14'	75°34'		La Honda
	Filadelfia	Pernambuco	5°20'	75°33'	1.400	La Honda
	Filadelfia	La Julia	5°19'	75°32'	1.650	La Honda
	Manizales	Agronomía	5°03'	75°29'	2.150	Chinchiná
	Manizales	Tesorito	5°02'	75°27'	2.200	Chinchiná
	Manizales	La Selva	5°07'	75°36'	1.350	Chinchiná
	Manizales	La Trilladora	5°06'	75°33'	1.650	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	Santa Ana	5°01'	75°40'	1.250	Chinchiná
	Palestina	Providencia	5°01'	75°42'	1.250	Chinchiná
	Palestina	El Recreo	5°02'	75°39'	1.450	Chinchiná
	Palestina	La Palma	5°01'	75°42'	1.200	Chinchiná
	Palestina	La Argentina	5°01'	75°41'		Chinchiná
	Palestina	Providencia	5°03'	75°42'	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	El Castillo	4°56'	75°40'	1.550	San Eugenio
	Dosquebradas	El Bosque	4°50'	75°41'	1.450	San Eugenio
	Pereira	Los Cúmbulos	4°49'	75°50'	1.240	Cauca
	Pereira	Planta de Tratamiento	4°48'	75°40'	1.450	Otún
	Pereira	El Cedral	4°47'	75°32'	2.120	Otún
	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
	Pereira	La Pastora	4°48'	75°41'	2.500	Otún
	Pereira	La Catalina	4°47'	76°41'	1.350	Barbas

VERTIENTE ORIENTAL CORDILLERA OCCIDENTAL

ANTIOQUIA

	Dabeiba	La Aldea	7°02'	76°12'	1.500	Urama
	Támesis	Santa Teresa	5°40'	75°42'	1.350	Cauca
	Jardín	Miguel Valencia	5°32'	75°51'	1.570	Cauca

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s n m	Hoya hidrográfica
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
	Anserma	La Gaviota	5°14'	75°46'	1.530	Risaralda
	Risaralda	La Gaviota	5°12'	75°45'	1.500	Risaralda

RISARALDA

Quinchía	La Oriental	5°22'	75°43'	1.620	Quinchía
Quinchía	El Diamante	5°19'	75°42'	1.550	Quinchía
Guática	Buenos Aires	5°21'	75°48'	1.830	Risaralda
Guática	Ospirma	5°20'	75°49'	1.680	Risaralda
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
Belalcázar	El Diamante	4°55'	75°50'	1.200	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
San Bernardo	Arabia	4°10'	74°25'	1.550	Honda

TOLIMA

Melgar	La Granja	4°09'	74°40'	1.200	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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Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s n m	Hoya hidrográfica
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VERTIENTE ORIENTAL CORDILLERA CENTRAL

TOLIMA

Rovira	La Aldea	4°13'	75°14'	1.550	Coello
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
Teruel	Corrales	2°43'	75°33'	1.450	Magdalena

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'	1.760	Barbas
Quimbaya	Vivero	4°37'	75°46'	1.400	La Vieja
Quimbaya	Maracay	4°36'	75°46'	1.450	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
Montenegro	La Julia	4°32'	75°50'	1.320	La Vieja
Montenegro	Milán	4°29'	75°48'	1.300	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
Cordoba	Mónaco	4°24'	75°40'	1.300	Rioverde
Buenavista	Paraquaicito	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

Ulloa	El Recreo	4°42'	75°44'	1.410	Barbas
Ulloa	Dinamarca	4°42'	75°45'	1.270	Barbas
Alcalá	Arturo Gomez	4°40'	75°48'	1.320	La Vieja
Alcalá	La Comarca	4°39'	75°47'	1.320	La Vieja
Caicedonia	Venezia	4°20'	75°55'	1.170	Barragán
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

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s n m	Hoya hidrográfica
CAUCA	Santander	Instituto Técnico	3°01'	76°29'	1.110	Cauca
	Santander	Mondomo	3°00'	76°28'	1.300	Cauca

VERTIENTE ORIENTAL CORDILLERA OCCIDENTAL

VALLE						
	El Aguila	Santa Marta	4°54'	76°03'	1.760	Cauca
	Ansermanuevo	El Placer	4°49'	76°01'	1.730	Cauca
	Ansermanuevo	Bellavista	4°48'	76°04'	1.550	Cauca
	El Cairo	Subestación Albán	4°46'	76°13'	1.500	Garrapatas
	Arqelia	Santiago Gutiérrez	4°43'	76°10'	1.550	Cauca
	Bolívar	Cider	4°20'	76°11'		Cauca
	Trujillo	Manuel Mallarino	4°10'	76°21'	1.380	Cauca
	Restrepo	Julio Fernández	3°49'	76°31'	1.360	Calima

ZONA SUR

VERTIENTE OCCIDENTAL CORDILLERA ORIENTAL

HUILA						
	Algeciras	Guayabal	2°31'	75°17'	1.460	Neiva
	Gigante	Jorge Villamil	2°22'	75°33'	1.500	Magdalena
	Gigante	La Primavera	2°15'	75°30'	1.400	Magdalena
	Gigante	Villa Consuelo	2°11'	75°39'	1.450	Magdalena
	Timaná	Concentración Desarrollo	1°59'	75°56'	1.080	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	Patia
	Consacá	Ospina Pérez	1°16'	77°28'	1.700	Guaitana

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TEMPERATURA (C)	Humedad relativa %	Viento velocidad m/s	Presión nivel C.	PRECIPITACIONES (mm)			Situación del cielo
				24h	Ultimas 24h	Total	
17.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
18.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
19.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
20.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
21.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
22.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
23.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
24.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
25.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
26.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
27.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
28.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
29.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
30.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
31.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
32.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
33.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
34.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
35.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
36.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
37.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
38.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
39.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
40.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
41.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
42.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
43.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
44.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
45.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
46.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
47.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
48.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
49.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
50.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
51.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
52.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
53.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
54.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
55.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
56.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
57.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
58.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
59.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
60.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
61.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
62.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
63.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
64.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
65.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
66.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
67.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
68.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
69.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
70.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
71.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
72.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
73.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
74.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
75.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
76.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
77.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
78.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
79.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
80.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
81.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
82.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
83.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
84.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
85.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
86.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
87.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
88.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
89.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
90.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
91.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
92.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
93.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
94.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
95.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
96.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
97.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
98.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
99.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0
100.0	27.0	23.2	10.0	0.0	0.0	0.0	0.0

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.987
 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	15.0	21.0	18.1	74.6	15.343	13.3	0.5	0.0	0.5	2.4
2	14.6	26.0	20.8	56.6	13.271	11.1	0.0	0.0	0.0	10.5
3	16.0	26.2	21.9	63.5	15.860	13.8	0.0	0.0	0.0	8.2
4	15.8	25.0	20.6	62.2	14.891	12.9	0.0	0.0	0.0	6.9
5	15.8	23.3	20.0	72.2	16.294	14.3	0.0	0.0	0.0	3.0
6	16.0	26.0	20.9	57.2	13.660	11.5	0.0	0.3	0.3	9.8
7	16.0	25.0	19.1	80.8	17.869	15.7	1.6	0.0	1.6	5.1
8	15.0	23.0	19.8	73.7	16.457	14.4	0.0	0.0	0.0	3.1
9	16.2	25.3	21.1	63.5	15.243	13.3	4.6	0.0	4.6	9.1
10	16.2	25.6	21.9	59.3	14.732	12.7	0.0	0.0	0.0	10.0
11	16.0	25.0	20.8	64.9	15.691	13.5	0.0	0.0	0.0	8.4
12	16.0	25.8	21.0	54.9	13.224	10.6	0.0	0.0	0.0	9.5
13	16.0	26.6	22.4	56.7	14.247	12.1	0.0	0.0	0.0	10.5
14	16.5	26.4	21.8	57.7	14.126	12.0	0.0	0.0	0.0	10.2
15	16.5	26.8	22.8	51.6	12.921	10.2	0.0	0.0	0.0	10.7
16	16.5	25.6	22.0	62.5	15.622	13.6	0.0	0.0	0.0	5.1
17	16.5	26.9	23.0	53.5	14.088	11.9	0.0	0.0	0.0	8.0
18	17.0	27.1	22.9	51.9	13.831	11.7	0.0	0.5	0.5	9.9
19	16.5	19.4	17.8	89.5	18.297	16.1	3.1	0.0	3.1	0.0
20	14.5	25.4	20.6	61.1	13.701	11.6	0.0	0.7	0.7	5.8
21	14.5	21.6	19.3	74.6	16.380	14.3	0.3	0.0	0.3	0.2
22	14.5	21.4	18.5	86.5	18.504	16.3	0.5	0.0	0.5	0.3
23	14.4	23.5	19.8	69.8	15.501	13.5	0.0	0.0	0.0	1.3
24	15.0	25.6	21.0	58.0	13.654	11.5	0.0	0.0	0.0	10.1
25	15.0	25.9	21.9	56.8	13.927	11.7	0.0	0.0	0.0	7.8
26	15.6	25.9	22.0	61.6	15.460	13.4	0.0	0.6	0.6	7.3
27	15.6	26.0	21.3	65.0	15.785	13.7	1.6	0.0	1.6	5.9
28	16.4	27.0	22.4	51.0	13.428	11.4	0.0	0.0	0.0	8.5
29	17.4	27.0	22.8	56.1	14.746	12.5	0.0	0.0	0.0	8.4
30	16.2	26.5	22.6	56.4	14.420	12.3	0.0	2.1	2.1	8.8
31	17.4	24.0	21.5	75.3	18.672	16.4	0.0	0.2	0.2	1.8
PROM.	15.8	25.0	21.0	63.8	15.156	13.0	12.2	4.4	16.6	206.6

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	27.0	23.2	48.4	12.996	10.8	0.0	0.0	0.0	8.4
2	16.6	28.0	23.4	47.9	12.816	10.3	0.0	0.0	0.0	10.0
3	18.2	27.2	22.6	43.8	11.804	9.4	0.0	0.0	0.0	6.5
4	17.6	28.6	23.2	50.3	13.616	11.4	0.0	0.0	0.0	10.9
5	18.0	26.3	22.8	55.0	14.668	12.5	0.0	0.0	0.0	5.6
6	17.0	25.6	22.5	56.3	14.649	12.5	0.0	0.0	0.0	6.2
7	17.0	24.4	21.4	70.2	17.591	15.5	0.0	0.0	0.0	1.3
8	15.5	26.5	22.4	63.2	16.236	14.3	0.0	0.0	0.0	6.4
9	16.0	26.5	21.8	58.6	14.153	12.1	0.0	0.1	0.1	5.8
10	16.5	27.6	21.9	59.8	14.738	12.7	0.0	0.8	0.8	5.7
11	17.0	25.4	21.1	70.0	17.289	15.1	8.0	0.0	8.0	4.4
12	15.5	25.6	20.5	67.1	15.699	13.6	0.0	0.0	0.0	2.6
13	14.5	22.0	19.0	74.9	16.755	14.7	0.0	0.0	0.0	0.0
14	15.0	23.2	19.5	69.4	15.641	13.7	0.0	2.3	2.3	1.5
15	14.0	26.5	20.8	59.6	13.979	11.9	0.0	0.0	0.0	8.5
16	17.0	25.6	21.2	69.6	17.032	14.9	0.4	0.0	0.4	4.0
17	16.0	19.0	18.0	87.5	18.477	16.2	0.0	0.0	0.0	0.1
18	16.0	27.6	22.3	60.7	15.218	13.1	2.8	0.3	3.1	8.0
19	16.0	26.4	22.5	57.7	14.834	12.8	0.0	0.0	0.0	7.5
20	16.0	28.0	23.4	50.6	13.259	10.8	6.7	0.0	6.7	9.4
21	16.0	27.9	21.4	65.7	16.118	14.1	0.0	0.0	0.0	9.0
22	16.0	26.9	23.4	52.4	13.735	11.0	0.0	0.0	0.0	8.3
23	16.2	29.3	22.9	45.5	11.945	9.1	0.0	0.0	0.0	10.3
24	16.2	29.5	24.3	45.8	13.048	10.7	5.3	0.0	5.3	5.4
25	17.6	29.0	23.7	40.0	11.331	8.8	0.0	0.0	0.0	8.6
26	17.6	31.0	24.6	46.8	13.566	11.4	0.0	0.0	0.0	10.8
27	19.2	29.3	24.9	52.0	15.306	12.9	0.0	0.0	0.0	8.8
28	18.2	29.5	23.8	47.8	13.475	10.9	0.0	0.0	0.0	8.4
PROM	16.6	26.8	22.3	57.7	14.642	12.4	23.2	3.5	26.7	182.4

ESTACION: EL ROSARIO

MUNICIPIO: VENECIA

AÑO:

1.987

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	17.6	28.6	24.0	47.1	13.062	10.4	0.0	0.0	0.0	7.3
2	18.2	28.5	21.7	62.5	15.985	14.0	0.0	0.0	0.0	3.9
3	16.6	29.0	22.6	62.6	16.554	14.5	6.5	0.0	6.5	9.2
4	17.6	24.0	20.3	77.9	18.433	16.2	0.0	0.0	0.0	0.0
5	16.2	27.8	19.7	70.5	16.006	13.8	19.6	1.7	21.3	7.7
6	14.0	26.5	19.8	68.8	15.129	13.1	2.0	0.0	2.0	6.1
7	16.0	27.4	20.2	58.8	13.382	11.1	3.4	0.0	3.4	6.3
8	14.5	26.0	19.8	58.6	13.291	11.1	0.8	0.5	1.3	7.1
9	15.5	18.6	17.3	90.8	17.740	15.6	0.5	0.0	0.5	0.3
10	14.8	26.6	18.8	67.9	14.343	12.2	1.9	0.0	1.9	5.9
11	15.4	26.3	21.3	48.6	11.582	9.0	0.0	0.0	0.0	8.0
12	15.3	27.4	21.4	50.6	12.361	10.0	0.0	0.0	0.0	9.7
13	14.8	21.8	18.3	77.9	16.000	14.0	1.1	0.0	1.1	1.1
14	14.4	25.4	20.2	60.6	13.757	11.7	0.0	0.0	0.0	6.2
15	15.4	26.3	20.6	59.6	13.800	11.7	0.0	1.9	1.9	5.4
16	14.9	22.8	18.3	74.0	15.177	13.1	1.3	0.0	1.3	1.5
17	14.8	25.8	20.2	62.3	14.179	12.1	1.8	0.0	1.8	5.0
18	16.4	26.3	22.2	55.3	13.948	11.9	5.8	0.0	5.8	5.6
19	16.8	26.5	22.6	58.4	15.126	13.1	0.0	0.0	0.0	6.4
20	17.5	29.4	24.0	48.3	13.397	11.3	0.0	0.0	0.0	7.5
21	18.0	26.8	22.4	53.5	13.949	11.9	0.0	0.0	0.0	2.4
22	16.8	29.0	23.7	56.4	15.696	13.7	0.0	0.0	0.0	4.8
23	17.4	28.0	23.4	59.4	16.213	14.1	0.0	0.0	0.0	5.5
24	17.4	26.0	21.8	70.0	17.985	15.7	0.0	0.0	0.0	5.0
25	17.2	28.8	23.5	52.0	13.596	11.1	0.0	0.0	0.0	8.0
26	16.0	26.5	21.5	59.1	14.632	12.7	1.7	0.0	1.7	3.0
27	16.4	26.4	21.8	61.8	15.602	13.6	0.0	0.0	0.0	2.7
28	16.0	27.0	21.8	64.8	16.280	14.3	1.2	0.0	1.2	4.1
29	16.8	29.0	23.2	59.4	15.814	13.8	0.0	0.0	0.0	7.0
30	17.0	30.0	21.5	63.1	15.933	13.9	16.8	32.2	49.0	7.8
31	15.2	26.6	20.9	62.6	15.318	13.3	0.0	0.3	0.3	6.4
PROM.	16.2	26.6	21.3	62.0	14.976	12.8	64.4	36.6	101.0	166.9

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	27.0	19.9	67.9	15.613	13.6	2.1	7.7	9.8	6.7
2	14.7	20.5	18.5	89.5	18.733	16.4	0.5	0.3	0.8	0.0
3	14.8	21.4	17.8	82.4	16.563	14.5	0.7	0.1	0.8	0.3
4	14.0	25.1	20.6	63.5	14.467	12.3	0.0	0.0	0.0	6.2
5	15.0	23.0	19.3	75.5	16.512	14.4	0.0	0.0	0.0	2.6
6	15.1	27.5	21.5	67.1	16.905	14.8	2.9	0.0	2.9	8.3
7	16.8	27.3	22.9	57.1	15.576	13.5	0.0	0.0	0.0	7.7
8	17.0	24.1	20.0	69.5	16.241	14.2	5.1	0.0	5.1	0.3
9	15.7	25.4	21.6	65.9	16.198	14.0	0.0	1.5	1.5	8.8
10	16.0	23.8	20.0	72.6	16.805	14.6	2.9	0.0	2.9	5.6
11	15.8	26.6	22.0	52.5	13.847	11.6	0.0	0.0	0.0	8.6
12	15.4	26.3	22.4	47.9	12.533	10.1	0.0	0.0	0.0	8.5
13	16.8	26.5	23.0	50.6	13.730	11.4	0.0	0.0	0.0	4.2
14	16.0	27.5	22.2	57.6	14.952	12.9	0.7	0.0	0.7	8.8
15	16.4	26.8	22.0	52.4	13.337	11.1	0.0	0.0	0.0	9.1
16	15.5	25.7	20.9	60.6	14.369	12.2	0.9	0.0	0.9	9.0
17	15.8	26.4	22.0	60.1	14.959	12.9	0.0	0.0	0.0	0.0
18	14.8	24.2	20.2	62.4	13.764	11.4	0.0	0.0	0.0	4.9
19	15.0	26.4	21.1	51.2	12.161	9.7	0.0	0.0	0.0	7.0
20	15.7	28.6	23.9	51.1	14.724	12.7	0.0	0.0	0.0	7.0
21	18.0	27.0	22.4	61.1	16.221	14.2	0.0	0.0	0.0	1.4
22	17.1	26.8	22.4	64.7	17.145	15.0	0.0	0.0	0.0	3.6
23	17.0	25.5	21.9	66.8	16.967	14.9	0.2	1.3	1.5	1.4
24	16.0	22.5	18.3	80.4	17.215	15.1	28.3	29.2	57.5	0.5
25	14.8	22.4	18.3	82.3	17.135	15.1	5.9	12.7	18.6	2.9
26	15.0	23.2	18.3	82.7	17.243	15.1	0.0	0.0	0.0	3.2
27	15.4	25.5	20.8	65.3	15.592	13.6	0.0	7.7	7.7	8.0
28	14.6	22.2	18.3	75.1	15.783	13.8	0.9	2.9	3.8	2.9
29	14.8	24.1	18.7	77.1	16.361	14.4	0.0	8.0	8.0	5.1
30	15.0	21.2	17.8	89.4	18.186	16.0	0.0	55.9	55.9	0.8
PROM	15.7	25.0	20.7	66.7	15.661	13.5	51.1	127.3	178.4	143.3

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.987
 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	14.0	20.0	16.2	89.8	16.658	14.6	1.3	0.9	2.2	3.1
2	15.0	24.0	18.2	72.6	15.130	13.1	0.0	7.9	7.9	0.0
3	12.8	22.5	18.0	73.2	14.890	12.9	7.8	0.6	8.4	7.0
4	14.0	20.4	17.3	83.9	16.737	14.7	3.4	0.0	3.4	0.3
5	13.5	24.0	18.9	78.5	17.178	15.0	3.5	2.9	6.4	5.0
6	15.6	23.2	19.1	82.6	18.164	16.0	12.0	6.2	18.2	5.9
7	15.5	25.6	21.5	68.7	17.104	15.0	0.0	4.5	4.5	6.3
8	16.8	26.8	21.4	66.2	16.636	14.5	5.0	1.0	6.0	9.5
9	17.0	26.6	21.3	76.5	18.982	16.7	0.2	3.7	3.9	7.6
10	16.0	25.5	21.8	68.3	17.239	15.2	8.1	7.6	15.7	8.7
11	17.4	26.6	23.6	54.4	14.667	12.5	0.1	0.0	0.1	9.6
12	18.5	28.0	23.5	62.5	18.028	15.8	0.0	0.0	0.0	5.9
13	18.0	27.4	23.5	60.4	16.959	14.9	0.0	0.1	0.1	6.4
14	18.0	28.0	20.9	65.8	16.842	14.8	18.1	0.0	18.1	8.7
15	17.5	26.4	21.3	68.0	17.471	15.4	11.6	37.1	48.7	7.1
16	16.0	22.0	18.8	87.0	18.839	16.5	11.9	10.2	22.1	1.1
17	16.0	25.2	21.1	78.4	18.942	16.6	3.4	51.1	54.5	5.1
18	15.5	24.2	21.2	68.2	16.553	14.5	0.0	0.0	0.0	0.2
19	17.5	26.9	21.4	68.5	17.194	15.0	0.0	0.0	0.0	4.5
20	17.8	24.8	19.8	70.7	16.203	14.2	8.0	41.2	49.2	4.4
21	15.6	22.0	18.8	83.3	17.980	15.8	0.1	0.9	1.0	0.4
22	17.0	23.0	19.4	90.6	20.284	17.7	2.6	2.1	4.7	2.5
23	16.0	24.0	18.7	75.2	16.121	14.1	13.2	3.8	17.0	4.7
24	15.6	24.3	18.9	80.7	17.499	15.4	2.4	0.6	3.0	4.3
25	16.2	26.4	21.4	73.0	18.253	16.0	0.0	0.0	0.0	6.9
26	17.4	24.0	19.3	69.6	16.280	14.2	31.4	19.7	51.1	3.3
27	14.6	25.5	19.7	74.5	16.330	14.1	0.8	0.2	1.0	6.8
28	16.8	26.4	22.2	68.0	18.136	16.0	0.0	0.0	0.0	9.7
29	17.8	27.0	23.1	57.0	15.877	13.9	0.0	0.0	0.0	9.5
30	17.8	27.6	23.7	50.5	14.431	12.2	0.0	0.0	0.0	10.8
31	18.6	27.3	22.7	57.4	15.950	13.9	2.9	1.3	4.2	0.0
PROM.	16.3	25.0	20.5	71.7	17.018	14.9	147.8	203.6	351.4	165.3

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	27.0	20.9	72.3	17.850	15.6	0.0	0.0	0.0	3.4
2	16.2	26.5	21.8	64.4	16.721	14.7	0.0	0.0	0.0	7.2
3	18.0	26.0	21.8	71.6	18.581	16.3	0.0	0.0	0.0	8.6
4	17.6	25.4	21.4	67.6	17.199	15.0	2.3	28.1	30.4	5.0
5	16.0	24.0	19.3	78.2	17.270	15.2	0.1	38.5	38.6	1.1
6	15.4	22.1	19.3	69.2	15.198	13.2	0.0	0.0	0.0	0.0
7	16.6	26.8	19.9	73.3	17.700	15.5	1.3	0.0	1.3	3.1
8	16.4	26.0	20.6	70.8	16.957	14.9	0.0	0.0	0.0	6.7
9	17.6	25.4	22.3	64.8	17.040	14.9	0.0	0.0	0.0	6.6
10	17.4	27.8	23.6	51.4	14.425	12.3	0.0	4.5	4.5	9.8
11	17.4	25.3	20.8	65.3	16.074	14.0	1.9	0.2	2.1	0.0
12	17.4	26.8	23.1	66.1	18.389	16.2	0.3	0.4	0.7	9.7
13	17.0	23.0	19.8	89.0	20.822	18.1	0.0	0.0	0.0	0.0
14	17.0	22.4	19.4	85.7	19.239	16.9	0.0	7.1	7.1	0.6
15	16.0	25.1	20.7	69.1	15.919	13.9	0.0	0.0	0.0	8.0
16	17.0	25.5	21.5	62.5	15.673	13.7	0.0	0.0	0.0	7.6
17	17.0	25.2	21.8	60.4	15.465	13.5	0.0	0.0	0.0	4.7
18	16.5	24.7	21.6	63.6	15.929	13.9	0.0	0.0	0.0	2.9
19	17.0	26.2	22.5	63.2	16.845	14.8	0.0	0.1	0.1	8.7
20	16.5	24.3	21.1	72.7	17.937	15.8	0.0	0.5	0.5	1.3
21	17.0	25.8	21.9	69.3	17.921	15.8	0.0	0.0	0.0	8.8
22	17.2	27.4	23.2	61.4	16.920	14.9	0.0	0.0	0.0	10.4
23	17.5	26.2	22.0	68.0	17.610	15.5	0.0	1.5	1.5	3.0
24	16.0	24.8	21.0	68.9	16.569	14.6	0.0	0.0	0.0	7.1
25	16.5	26.4	22.0	64.6	16.735	14.7	0.0	0.0	0.0	5.7
26	17.0	26.8	21.5	56.0	14.261	12.3	10.2	0.0	10.2	5.9
27	17.4	27.6	22.9	50.4	13.753	11.7	0.0	0.0	0.0	10.2
28	17.0	28.2	23.5	39.4	11.184	8.5	0.0	0.0	0.0	10.5
29	17.2	26.6	22.8	43.6	11.935	9.6	0.0	0.0	0.0	4.7
30	17.8	25.8	22.4	56.8	15.363	13.4	0.0	0.0	0.0	3.4
PROM.	16.9	25.7	21.5	65.3	16.449	14.3	16.1	80.9	97.0	164.7

ESTACION: EL ROSARIO

MUNICIPIO: VENECIA

AÑO: 1.987

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	26.4	22.7	62.2	16.851	14.8	0.0	0.0	0.0	3.5
2	17.5	28.8	23.5	55.5	15.336	13.2	0.0	0.6	0.6	11.4
3	17.2	26.0	20.7	69.8	16.930	14.8	5.2	1.6	6.8	5.2
4	16.0	25.3	19.9	75.9	17.686	15.5	11.0	5.1	16.1	6.2
5	15.6	24.0	20.0	68.8	16.194	14.1	0.0	0.0	0.0	5.2
6	15.6	28.2	22.9	57.5	15.028	12.7	0.0	0.0	0.0	9.4
7	18.0	26.2	20.6	67.8	16.843	14.8	0.1	0.1	0.2	4.2
8	17.0	27.3	22.3	70.2	17.966	15.8	0.0	0.0	0.0	8.7
9	16.8	25.6	22.4	63.6	16.275	14.2	0.0	0.0	0.0	2.4
10	16.4	27.8	22.5	64.8	16.637	14.5	0.0	0.0	0.0	7.0
11	16.6	27.5	23.6	53.5	14.589	12.3	0.0	0.0	0.0	10.2
12	17.5	28.2	24.1	46.0	12.966	10.7	0.0	0.9	0.9	10.0
13	15.8	27.5	22.8	54.6	13.906	11.8	0.1	2.6	2.7	7.5
14	16.8	27.4	22.7	58.6	15.860	13.9	0.0	0.5	0.5	8.9
15	17.0	27.7	23.7	52.4	14.352	12.1	0.0	0.0	0.0	7.4
16	18.0	27.4	22.8	59.8	15.862	13.8	0.0	23.5	23.5	7.7
17	16.0	21.4	17.5	94.2	18.585	16.3	15.3	13.7	29.0	0.7
18	15.0	22.1	18.3	80.8	16.403	14.4	0.9	0.0	0.9	1.3
19	16.0	25.0	20.9	62.9	15.353	13.4	0.1	0.0	0.1	5.6
20	16.6	25.8	21.9	66.8	17.365	15.2	0.0	0.0	0.0	7.9
21	18.0	28.3	23.4	49.8	13.541	11.4	0.0	7.3	7.3	9.2
22	15.0	24.9	20.6	71.2	16.899	14.8	0.0	0.1	0.1	5.8
23	16.0	26.0	22.1	72.5	18.689	16.1	0.0	7.0	7.0	6.1
24	15.4	25.8	19.9	78.5	17.898	15.6	8.6	36.4	45.0	7.3
25	15.0	24.8	20.5	70.4	16.584	14.4	0.0	5.4	5.4	9.1
26	14.5	22.2	18.8	77.0	16.351	14.3	0.0	14.8	14.8	1.1
27	15.0	24.4	19.5	79.2	17.866	15.7	11.0	16.3	27.3	4.4
28	15.0	25.6	19.8	68.8	15.253	13.1	5.5	0.0	5.5	6.3
29	16.8	23.7	20.0	76.3	17.745	15.6	0.1	8.4	8.5	2.9
30	15.6	25.0	19.6	76.6	17.194	15.1	0.0	9.9	9.9	4.7
31	15.4	23.6	18.9	83.6	18.034	15.8	0.5	46.8	47.3	2.7
PROM.	16.3	25.8	21.3	67.4	16.356	14.2	58.4	201.0	259.4	192.0

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	14.0	22.6	18.5	77.4	15.954	13.7	0.8	15.4	16.2	2.3
2	15.0	20.3	18.1	86.8	18.045	15.9	3.7	32.5	36.2	0.5
3	15.0	22.4	19.2	78.1	16.998	15.0	0.0	0.0	0.0	3.1
4	16.2	26.3	21.6	60.7	15.433	13.4	0.0	23.6	23.6	9.0
5	14.4	26.0	20.8	68.6	15.987	14.0	0.0	53.9	53.9	8.7
6	15.5	24.9	20.5	77.5	18.025	15.8	0.0	2.7	2.7	5.3
7	16.4	26.0	21.1	75.4	18.105	15.9	0.0	34.7	34.7	9.2
8	16.0	23.1	20.2	71.5	16.622	14.6	1.7	0.8	2.5	2.3
9	16.5	25.2	21.7	66.4	16.505	14.5	0.0	0.8	0.8	7.5
10	16.0	21.0	18.9	77.5	16.765	14.5	0.0	0.0	0.0	3.7
11	16.0	22.3	19.3	84.0	18.374	16.2	0.4	8.0	8.4	2.3
12	15.5	23.1	19.3	86.1	18.992	16.7	0.1	6.3	6.4	1.7
13	15.5	24.2	20.4	74.2	17.059	15.0	0.0	0.0	0.0	5.6
14	15.5	27.5	22.7	46.9	12.041	9.5	0.0	0.0	0.0	11.3
15	16.5	27.2	23.3	45.7	12.546	10.2	0.0	0.0	0.0	10.4
16	17.5	27.1	23.2	49.5	13.524	11.4	0.0	0.0	0.0	8.6
17	17.0	25.2	21.4	71.0	18.262	16.0	0.0	0.0	0.0	5.7
18	16.5	26.8	21.7	66.4	16.665	14.6	0.0	0.0	0.0	4.6
19	17.0	27.6	23.4	49.3	13.698	11.5	0.0	0.0	0.0	9.0
20	17.4	28.0	23.2	56.7	15.461	13.5	0.0	0.0	0.0	8.7
21	17.5	28.2	23.1	54.5	14.798	12.8	0.0	0.0	0.0	7.6
22	17.5	28.1	22.9	56.3	15.659	13.7	0.0	0.0	0.0	8.4
23	17.5	27.7	23.2	50.7	14.420	12.4	0.0	0.0	0.0	9.5
24	17.5	29.3	24.4	45.0	13.414	11.3	0.0	0.0	0.0	8.8
25	16.5	27.2	22.7	52.0	14.068	12.0	0.0	0.0	0.0	10.8
26	16.5	25.1	20.1	68.5	16.406	14.4	11.2	6.3	17.5	4.0
27	16.0	25.5	20.8	71.5	16.829	14.8	0.1	0.7	0.8	4.9
28	16.5	27.0	20.8	69.7	16.780	14.7	0.6	0.0	0.6	8.6
29	16.7	25.8	21.1	69.6	16.836	14.7	0.0	10.0	10.0	6.2
30	15.4	26.4	21.9	77.9	19.488	17.0	0.1	4.0	4.1	8.2
PROM.	16.3	25.6	21.4	65.7	16.076	13.9	18.7	199.7	218.4	201.1

ESTACION. EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.987
 ALTITUD: 1.600 LATITUD: 5-56 N. LONGITUD: 75-43 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	25.0	19.8	81.8	18.758	16.5	1.7	0.0	1.7	3.8
2	16.0	25.2	20.5	81.9	19.259	16.9	0.3	8.5	8.8	5.1
3	15.5	23.2	19.8	88.9	20.337	17.7	0.2	32.5	32.7	2.8
4	14.5	23.5	19.0	84.4	18.205	16.0	1.8	73.5	75.3	3.0
5	15.0	20.4	17.7	92.3	18.491	16.3	0.2	0.0	0.2	1.1
6	15.2	24.8	18.3	76.8	16.138	14.1	10.0	1.6	11.6	8.6
7	14.0	28.0	21.5	74.6	18.318	15.9	0.0	3.8	3.8	8.1
8	16.0	25.5	19.5	83.5	19.171	16.8	3.1	0.0	3.1	3.1
9	16.5	26.8	21.5	60.8	15.728	13.6	1.1	0.0	1.1	7.8
10	15.0	25.0	20.6	70.4	16.884	14.7	0.0	0.0	0.0	4.7
11	16.0	27.4	23.1	60.0	16.381	14.4	0.0	1.4	1.4	10.5
12	17.0	27.2	23.2	58.7	16.207	14.2	0.0	0.0	0.0	11.1
13	17.5	25.8	21.9	76.1	20.077	17.5	0.3	59.7	60.0	4.8
14	15.0	23.6	19.7	75.4	16.869	14.8	0.0	25.7	25.7	3.3
15	15.0	24.3	20.4	74.4	17.411	15.3	0.0	0.0	0.0	9.2
16	16.5	27.0	22.2	63.3	16.117	14.0	0.0	0.0	0.0	5.7
17	16.0	26.0	20.8	65.7	15.714	13.7	1.3	0.0	1.3	8.2
18	16.0	26.5	22.4	52.2	13.652	11.6	0.0	0.0	0.0	10.7
19	16.5	27.8	23.0	56.3	15.322	13.2	0.0	44.0	44.0	2.8
20	13.8	24.3	19.7	77.3	17.563	15.5	0.0	10.1	10.1	7.1
21	13.8	23.1	18.8	79.3	16.943	14.8	0.5	0.0	0.5	4.8
22	15.0	25.0	19.6	74.7	16.723	14.6	9.4	1.8	11.2	4.0
23	16.0	24.9	20.3	76.4	18.134	15.9	0.6	0.8	1.4	4.6
24	15.5	24.0	20.6	72.1	16.994	14.9	1.9	10.7	12.6	1.5
25	14.5	22.3	18.5	78.5	16.642	14.6	1.4	0.0	1.4	6.2
26	15.5	25.5	20.5	74.6	17.465	15.4	0.0	0.0	0.0	6.5
27	16.0	26.0	21.8	61.4	15.466	13.5	0.0	0.0	0.0	1.5
28	17.0	24.4	20.7	81.5	19.949	17.5	0.0	16.5	16.5	7.1
29	13.5	24.3	18.5	70.7	15.235	13.2	28.9	14.4	43.3	0.0
30	14.8	17.4	16.5	96.0	17.893	15.8	5.1	0.0	5.1	
PROM.	15.5	24.8	20.3	74.0	17.268	15.1	67.8	306.8	374.6	161.8

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	23.1	18.5	79.7	16.543	14.5	0.0	6.5	6.5	0.0
2	14.5	22.8	19.1	77.0	16.962	14.9	0.0	0.0	0.0	4.0
3	15.5	23.8	18.9	82.7	18.075	15.9	0.4	29.1	29.5	4.0
4	14.0	23.0	18.2	79.2	16.379	14.3	10.4	0.0	10.4	4.7
5	15.4	21.2	18.9	87.1	18.737	16.5	5.6	0.0	5.6	2.3
6	14.5	23.8	18.8	81.2	17.547	15.5	0.5	4.6	5.1	4.3
7	15.0	21.2	18.7	85.7	18.264	16.1	0.0	0.0	0.0	0.6
8	15.7	22.0	18.7	84.6	18.356	16.1	22.5	32.5	55.0	0.2
9	13.5	21.5	18.0	76.6	15.381	13.4	0.6	0.0	0.6	3.7
10	15.5	24.0	20.0	81.5	18.775	16.5	1.0	0.7	1.7	0.0
11	16.5	19.6	18.0	94.4	19.554	17.2	1.8	0.0	1.8	3.7
12	15.0	23.0	18.9	77.7	17.311	15.2	0.0	0.0	0.0	5.1
13	14.5	24.0	18.8	76.1	16.346	14.4	0.0	0.0	0.0	4.4
14	14.5	24.8	19.6	63.9	14.527	12.5	0.2	0.9	1.1	7.0
15	15.0	25.0	19.9	72.7	16.766	14.7	0.5	1.3	1.8	2.5
16	14.6	22.6	19.0	82.8	18.141	16.0	12.2	44.6	56.8	0.5
17	14.8	20.0	17.9	81.7	16.657	14.6	8.8	0.0	8.8	1.3
18	15.4	21.2	17.9	88.6	18.177	16.0	1.2	0.0	1.2	0.7
19	14.7	22.4	18.1	84.5	17.402	15.3	12.5	0.0	12.5	7.2
20	15.5	25.7	21.7	72.6	18.129	15.9	26.9	47.8	74.7	2.1
21	14.6	21.6	18.0	90.8	18.425	16.2	0.0	0.0	0.0	6.6
22	16.5	24.0	20.4	81.3	19.501	17.1	0.0	0.0	0.0	6.8
23	17.2	25.5	21.3	77.7	19.621	17.2	0.9	0.0	0.9	4.9
24	17.0	24.4	20.2	83.8	20.331	17.8	0.8	11.0	11.8	3.6
25	16.5	23.5	19.6	85.8	19.461	17.1	6.6	37.5	44.1	3.6
26	16.0	23.8	20.1	82.3	19.057	16.7	0.0	21.8	21.8	3.6
27	16.0	22.0	19.3	91.0	20.283	17.7	0.1	33.4	33.5	0.9
28	16.5	20.4	18.1	94.1	19.588	17.2	2.2	0.0	2.2	0.2
29	16.0	23.5	19.9	83.4	19.193	16.9	0.0	9.8	9.8	8.0
30	15.3	23.7	20.4	88.9	21.374	18.6	0.0	10.1	10.1	8.0
31	15.1	24.6	20.4	80.5	19.339	16.9	0.0	1.2	1.2	6.2
PROM.	15.3	23.0	19.2	82.3	18.207	16.0	115.7	292.8	408.5	104.4

ESTACION: EL ROSARIO

MUNICIPIO: VENECIA

AÑO:

1.987

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	15.5	24.5	19.5	77.3	16.923	14.7	0.1	1.8	1.9	6.3
2	16.0	26.0	20.3	78.4	18.523	16.3	7.9	18.5	26.4	7.0
3	15.5	24.8	19.8	82.3	18.731	16.4	0.0	10.8	10.8	5.5
4	15.5	24.0	19.2	85.5	18.722	16.4	0.2	1.2	1.4	3.2
5	15.5	26.5	20.9	79.0	19.657	17.2	0.0	0.0	0.0	9.4
6	17.6	26.0	21.7	77.8	20.278	17.7	5.2	0.4	5.6	7.3
7	16.5	25.4	21.1	76.7	19.013	16.7	0.0	0.0	0.0	7.2
8	17.5	27.0	22.1	76.5	19.918	17.4	0.0	0.0	0.0	10.8
9	18.0	27.8	22.4	70.8	18.909	16.5	0.0	0.0	0.0	11.0
10	17.9	27.5	22.8	72.4	19.878	17.4	0.0	0.0	0.0	10.7
11	17.5	27.8	22.4	71.2	19.247	16.8	0.0	0.0	0.0	10.3
12	17.5	28.0	22.1	72.7	19.399	17.0	1.5	0.0	1.5	9.7
13	17.0	26.5	21.3	84.2	21.247	18.4	0.1	12.4	12.5	6.1
14	16.5	24.0	20.2	84.4	19.955	17.5	1.7	4.4	6.1	3.8
15	16.5	24.0	20.0	85.5	19.981	17.5	0.0	0.0	0.0	4.2
16	16.0	24.8	21.3	80.1	20.038	17.5	0.0	0.0	0.0	5.4
17	17.5	27.2	21.9	78.3	20.322	17.8	2.0	0.0	2.0	8.5
18	18.0	25.2	21.5	82.6	21.174	18.4	0.0	16.9	16.9	2.0
19	16.0	24.0	19.8	89.2	20.843	18.1	12.4	2.8	15.2	1.4
20	16.5	22.5	18.6	90.4	19.557	17.1	11.5	0.0	11.5	0.7
21	15.5	21.4	18.4	87.5	18.231	16.0	0.8	0.0	0.8	0.6
22	16.0	24.9	19.8	83.2	18.875	16.6	0.0	0.0	0.0	6.8
23	17.5	27.2	21.4	72.2	18.378	16.2	0.9	0.1	1.0	10.3
24	18.0	25.0	21.1	86.5	21.559	18.7	0.0	37.5	37.5	3.6
25	15.0	22.0	18.6	92.4	19.878	17.3	0.2	0.0	0.2	0.6
26	15.5	22.5	19.3	85.4	19.028	16.7	0.0	21.2	21.2	1.7
27	15.0	23.5	19.3	79.4	17.443	15.3	0.0	0.0	0.0	5.8
28	16.0	25.0	20.6	83.8	20.075	17.5	0.0	0.0	0.0	8.1
29	17.0	27.0	20.9	79.4	19.643	17.2	0.0	0.4	0.4	8.0
30	16.2	21.0	18.0	89.6	18.579	16.3	2.1	0.0	2.1	0.3
PROM.	16.5	25.1	20.5	81.2	19.467	17.0	46.6	128.4	175.0	176.3

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	23.5	18.9	79.2	17.283	15.2	0.4	4.3	4.7	4.4
2	15.2	21.5	18.7	90.9	19.449	17.0	0.3	9.7	10.0	2.1
3	15.5	24.0	19.5	84.8	18.935	16.6	0.1	28.6	28.7	6.0
4	15.5	24.6	20.0	84.3	19.537	17.1	0.1	13.8	13.9	6.0
5	15.1	24.0	18.4	83.9	18.053	15.9	41.3	22.5	63.8	7.6
6	14.0	23.0	19.0	85.9	18.686	16.4	0.1	0.1	0.2	6.8
7	16.5	23.5	20.0	86.9	20.295	17.7	0.2	0.0	0.2	0.3
8	16.5	26.0	20.7	76.2	18.639	16.4	1.2	1.3	2.5	7.8
9	16.0	24.5	21.4	78.3	19.921	17.4	0.0	0.9	0.9	8.7
10	16.5	23.3	19.2	91.4	20.764	18.1	9.5	0.1	9.6	4.3
11	16.5	26.0	21.2	83.4	21.007	18.3	0.1	0.0	0.1	8.1
12	17.0	26.9	22.7	79.8	21.716	18.8	0.0	0.0	0.0	10.7
13	17.5	26.5	22.3	78.1	20.796	18.1	0.0	0.0	0.0	4.5
14	17.5	27.0	22.5	75.7	20.279	17.7	0.0	0.0	0.0	6.1
15	17.5	26.0	22.4	73.6	19.754	17.3	0.0	0.0	0.0	6.9
16	17.2	27.5	22.2	69.2	18.590	16.3	0.0	0.0	0.0	10.8
17	16.5	26.8	21.7	67.9	17.240	15.0	0.0	0.0	0.0	10.8
18	16.5	27.2	22.4	70.1	18.646	16.4	0.0	0.0	0.0	10.5
19	16.2	29.5	23.7	63.4	17.821	15.6	0.0	0.0	0.0	10.1
20	17.5	29.2	24.0	65.7	19.261	16.8	0.0	0.0	0.0	10.4
21	16.5	28.5	23.8	52.8	15.255	13.1	0.0	0.0	0.0	10.8
22	16.5	28.5	23.0	59.2	16.346	14.3	0.0	0.0	0.0	10.7
23	16.7	28.0	23.3	64.7	18.022	15.9	0.0	0.0	0.0	10.9
24	16.3	27.7	22.8	64.6	17.509	15.3	0.0	0.0	0.0	10.8
25	16.5	28.0	22.9	70.4	19.157	16.8	0.0	0.0	0.0	10.0
26	17.5	25.3	21.5	82.1	20.923	18.2	0.0	0.0	0.0	0.0
27	16.7	27.6	22.4	75.8	19.761	17.3	0.0	0.0	0.0	8.8
28	16.5	22.3	19.3	84.0	18.738	16.5	0.0	0.0	0.0	0.1
29	17.0	25.0	19.6	86.5	19.951	17.5	3.5	1.1	4.6	1.7
30	16.0	24.0	20.0	84.5	19.592	17.1	0.0	0.0	0.0	1.8
31	16.4	27.5	21.6	74.8	18.943	16.7	0.0	0.0	0.0	7.3
PROM.	16.4	25.9	21.3	76.4	19.060	16.7	56.8	82.4	139.2	215.8

ESTACION **EL ROSARIO** MUNICIPIO **VENECIA** AÑO **1.987**
 ALTITUD **1.600** LATITUD: **5-56 N.** LONGITUD **75-43 W.**

MESES	TEMPERATURA °C					Humedad relativa %	Tension vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lloviznas	
ENERO	15.8	25.0	21.0	14.4	27.1	63.8	15.156	13.0	16.6	13	206.6
FEBRERO	16.6	26.8	22.3	14.0	31.0	57.7	14.642	12.4	26.7	8	182.4
MARZO	16.2	26.6	21.3	14.0	30.0	62.0	14.976	12.8	101.0	16	166.9
ABRIL	15.7	25.0	20.7	14.0	28.6	66.7	15.061	13.5	178.4	16	143.3
MAYO	16.3	25.0	20.5	12.8	28.0	71.7	17.018	14.9	351.4	24	165.3
JUNIO	16.9	25.7	21.5	15.4	28.2	65.3	16.449	14.3	97.0	11	164.7
JULIO	16.3	25.8	21.3	14.5	28.8	67.4	16.356	14.2	259.4	22	192.0
AGOSTO	16.3	25.6	21.4	14.0	29.3	65.7	16.076	13.9	218.4	15	201.1
SEPTIEMBRE	15.5	24.8	20.3	13.5	28.0	74.0	17.268	15.1	374.6	24	161.8
OCTUBRE	15.3	23.0	19.2	13.5	25.7	82.3	18.207	16.0	408.5	25	104.4
NOVIEMBRE	16.5	25.1	20.5	15.0	28.0	81.2	19.467	17.0	175.0	19	176.3
DICIEMBRE	16.4	25.9	21.3	14.0	29.5	76.4	19.060	16.7	139.2	12	215.8
PROMEDIO	16.2	25.4	20.9	14.1	28.5	69.5	16.695	14.5			
TOTAL									2346.2	205	2080.6

ESTACION: MIGUEL VALENCIA

MUNICIPIO: JARDIN

AÑO: 1.987

ALTITUD: 1.570

LATITUD: 5-32 N.

LONGITUD: 75-51 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa o/o	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.8	26.9	19.8	73.5	16.265	14.1	1.2	0.0	1.2	4.3
2	13.7	26.8	19.1	74.7	15.888	13.7	0.0	0.0	0.0	8.1
3	15.0	27.8	20.4	73.4	16.679	14.4	0.5	0.0	0.5	3.8
4	15.6	26.3	19.7	73.4	16.426	14.3	0.0	0.0	0.0	3.6
5	16.6	25.3	19.7	74.6	16.946	14.8	0.0	0.0	0.0	3.3
6	16.3	27.0	19.7	72.3	16.347	14.2	1.3	0.0	1.3	6.2
7	15.6	24.1	19.6	76.6	17.338	15.3	0.0	4.1	4.1	2.5
8	16.4	23.8	18.4	80.5	17.047	15.0	2.5	0.0	2.5	3.1
9	14.4	27.0	20.6	69.2	16.106	13.9	0.0	0.0	0.0	7.9
10	14.8	27.2	21.4	60.6	15.484	13.4	0.0	1.3	1.3	7.5
11	14.4	25.3	20.2	72.5	17.195	15.0	0.4	0.0	0.4	3.4
12	15.4	25.4	19.1	73.4	15.759	13.7	0.0	0.0	0.0	5.4
13	12.8	27.1	18.6	72.4	14.727	12.7	0.0	0.0	0.0	9.7
14	13.0	28.4	19.2	71.9	15.107	12.9	0.0	0.0	0.0	9.6
15	13.6	26.5	19.2	67.8	14.316	12.2	0.0	0.0	0.0	8.1
16	14.1	26.3	18.8	74.1	15.358	13.3	0.0	0.0	0.0	4.6
17	14.4	28.6	20.4	68.9	15.531	13.5	0.0	0.0	0.0	8.6
18	14.0	28.6	20.1	72.8	16.030	13.8	0.1	1.3	1.4	8.0
19	16.6	20.0	17.9	87.8	18.044	15.9	7.2	0.0	7.2	0.0
20	13.0	26.3	19.0	73.2	15.112	12.9	2.1	0.4	2.5	7.9
21	16.0	23.3	19.2	80.5	17.615	15.5	0.0	0.6	0.6	0.3
22	16.6	23.2	17.8	84.9	17.531	15.4	10.8	4.4	15.2	1.9
23	15.6	25.3	19.4	74.0	16.109	14.0	0.0	0.0	0.0	5.8
24	15.4	26.8	18.9	73.4	15.645	13.5	0.0	0.0	0.0	7.1
25	14.7	27.0	20.1	70.5	15.918	13.8	0.0	0.0	0.0	7.6
26	14.4	27.4	20.0	72.6	16.108	13.9	0.0	6.8	6.8	9.0
27	15.4	26.2	19.7	72.4	16.289	14.2	0.0	0.0	0.0	5.9
28	15.8	27.3	19.9	70.9	15.745	13.6	0.0	0.0	0.0	6.6
29	15.8	28.2	20.4	71.0	16.494	14.3	0.0	0.0	0.0	3.6
30	13.7	27.4	19.5	72.4	15.559	13.4	0.0	0.0	0.0	8.5
31	17.0	24.7	19.5	81.8	18.566	16.3	0.7	1.8	2.5	2.1
PROM.	15.0	26.2	19.5	73.8	16.235	14.1	26.8	20.7	47.5	179.0

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa o/o	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	29.3	20.9	66.1	15.551	13.5	0.0	0.0	0.0	8.6
2	14.0	28.1	19.9	64.2	13.850	11.6	0.0	0.0	0.0	8.2
3	14.0	27.1	19.5	65.9	14.496	12.4	0.0	0.0	0.0	4.8
4	14.3	28.8	20.6	63.2	13.869	11.5	0.0	0.0	0.0	9.3
5	14.1	28.6	20.4	67.7	15.574	13.4	0.0	0.0	0.0	6.6
6	14.4	26.4	19.9	72.4	15.900	13.7	0.0	0.0	0.0	5.3
7	16.8	25.6	19.4	76.3	17.161	15.1	2.4	0.0	2.4	2.5
8	17.0	26.3	20.0	73.1	16.817	14.7	0.0	0.0	0.0	2.3
9	16.4	27.0	20.3	74.1	16.958	14.7	0.7	0.0	0.7	0.0
10	16.0	26.0	20.8	68.4	16.049	14.0	0.0	0.0	0.0	3.7
11	17.3	26.0	20.3	74.9	17.377	15.1	1.6	0.0	1.6	0.0
12	16.4	25.5	19.5	77.8	17.404	15.2	0.0	0.0	0.0	0.0
13	16.0	23.8	18.9	80.2	17.368	15.3	1.5	0.3	1.8	0.4
14	14.4	23.4	19.0	76.8	16.696	14.6	0.0	6.7	6.7	2.3
15	14.4	28.3	20.7	70.6	16.156	14.0	0.0	2.5	2.5	7.1
16	17.1	26.3	20.4	77.5	18.143	15.9	0.0	0.0	0.0	2.5
17	17.3	22.0	18.5	86.2	18.575	16.3	1.0	0.0	1.0	0.4
18	14.8	28.2	21.4	59.7	13.996	11.9	0.0	2.8	2.8	8.5
19	17.6	27.3	21.5	68.9	16.877	14.5	0.0	8.9	8.9	5.9
20	16.1	28.6	22.0	67.2	16.658	14.5	0.0	1.4	1.4	9.0
21	15.4	27.3	21.4	66.5	15.950	13.9	0.0	0.0	0.0	8.5
22	16.0	28.1	20.8	69.0	16.124	14.1	0.0	0.0	0.0	6.8
23	16.8	29.3	21.3	63.6	15.343	13.3	0.0	0.0	0.0	9.7
24	14.6	28.6	22.8	62.6	15.536	13.5	0.0	0.0	0.0	5.6
25	14.4	28.3	21.3	66.5	15.599	13.5	0.0	0.0	0.0	6.3
26	14.4	30.6	23.4	60.9	15.354	13.2	0.0	0.0	0.0	9.0
27	16.4	30.2	21.7	69.8	17.072	14.9	0.0	0.0	0.0	6.8
28	15.6	29.0	22.7	66.0	16.785	14.7	0.0	0.0	0.0	0.0
PROM.	15.7	27.3	20.7	69.9	16.187	14.0	7.2	22.6	29.8	0.0

ESTACION: MIGUEL VALENCIA

MUNICIPIO: JARDIN

AÑO: 1.987

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	16.0	29.3	21.8	65.0	15.884	13.8	0.0	0.0	0.0	
2	16.1	28.2	20.0	72.8	16.577	14.5	6.2	0.0	6.2	5.0
3	16.3	28.8	20.8	69.6	16.368	14.2	0.0	0.0	0.0	8.7
4	18.0	26.0	21.2	67.7	16.680	14.5	0.0	1.7	1.7	
5	17.0	29.1	21.1	66.9	16.055	13.9	0.0	4.7	4.7	8.2
6	14.8	28.3	19.8	71.6	15.744	13.6	0.0	0.0	0.0	8.8
7	16.6	28.3	20.6	72.2	16.814	14.3	0.0	0.8	0.8	7.2
8	16.4	28.3	21.2	64.3	15.459	13.3	0.0	1.0	1.0	8.6
9	16.4	21.8	18.3	85.2	17.890	15.7	3.2	0.0	3.2	0.0
10	15.4	27.3	20.1	70.5	15.881	13.8	0.0	0.0	0.0	6.0
11	15.8	26.6	20.6	65.4	15.087	13.0	0.0	0.1	0.1	6.6
12	15.1	27.0	19.3	69.6	14.822	12.6	0.0	2.0	2.0	6.3
13	15.6	22.3	18.4	78.4	16.433	14.4	0.0	11.8	11.8	0.0
14	16.2	25.3	19.8	73.3	16.560	14.4	0.2	0.0	0.2	4.9
15	14.4	26.0	20.5	68.0	15.651	13.6	0.0	7.9	7.9	4.5
16	17.1	23.1	19.1	84.5	18.745	16.5	0.8	3.1	3.9	0.8
17	14.1	26.6	20.6	65.7	15.073	13.0	0.2	0.4	0.6	6.3
18	16.8	26.3	20.6	70.6	16.469	14.3	0.0	0.0	0.0	6.3
19	16.4	28.3	21.8	67.2	16.838	14.8	0.0	0.0	0.0	4.2
20	16.4	29.3	21.6	69.6	17.237	15.1	0.0	0.0	0.0	8.9
21	17.1	25.2	20.5	72.9	17.524	15.3	3.1	0.0	3.1	1.4
22	16.3	28.3	21.2	69.9	17.190	15.1	0.0	0.0	0.0	4.0
23	17.3	26.2	20.1	85.0	20.229	17.6	3.1	0.0	3.1	2.7
24	16.3	27.1	20.9	74.3	18.315	16.1	1.6	0.0	1.6	4.5
25	15.1	28.8	21.6	70.6	17.141	14.9	0.0	0.0	0.0	7.6
26	17.1	27.3	20.8	68.5	16.253	14.1	0.0	0.0	0.0	2.4
27	15.6	27.1	20.1	70.1	15.941	13.9	0.4	0.7	1.1	2.0
28	17.3	28.0	21.0	73.9	17.599	15.3	0.1	0.0	0.1	4.3
29	16.6	29.4	21.7	70.3	17.486	15.3	0.0	0.0	0.0	7.0
30	18.0	28.5	21.8	71.3	17.957	15.5	6.8	14.1	20.9	5.5
31	16.6	28.4	21.0	74.4	17.839	15.5	0.1	5.0	5.1	5.3
PROM.	16.3	27.1	20.6	71.6	16.767	14.6	25.8	53.3	79.1	

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	17.4	26.0	20.3	68.9	16.024	13.9	0.0	5.9	5.9	5.6
2	17.0	23.0	18.9	77.6	16.835	14.7	1.6	0.0	1.6	0.2
3	15.8	24.1	18.7	79.0	16.842	14.7	33.7	0.0	33.7	1.0
4	15.8	27.3	20.4	68.1	15.890	13.8	1.9	3.5	5.4	2.9
5	16.3	25.4	19.8	76.5	17.594	15.5	0.0	0.0	0.0	2.3
6	16.4	28.8	19.7	72.3	15.819	13.5	5.9	0.0	5.9	7.0
7	16.8	28.0	21.4	71.1	17.659	15.5	4.3	0.0	4.3	3.8
8	17.1	24.4	20.1	78.6	18.258	16.0	0.0	0.2	0.2	0.5
9	16.6	27.0	20.8	73.3	17.543	15.3	0.0	1.9	1.9	6.9
10	16.2	26.6	20.0	76.2	17.778	15.6	0.0	0.0	0.0	7.3
11	14.8	27.0	20.9	72.5	17.490	15.3	0.0	0.0	0.0	5.9
12	14.6	29.3	20.4	72.4	17.278	15.2	0.0	0.0	0.0	8.8
13	14.6	27.7	20.8	71.3	17.401	15.3	0.0	0.0	0.0	5.1
14	14.3	28.2	20.3	69.4	15.653	13.5	0.0	0.0	0.0	7.3
15	15.6	28.2	20.8	73.7	18.369	16.2	0.0	0.0	0.0	6.4
16	16.6	28.8	21.2	59.7	14.834	12.8	0.0	0.0	0.0	8.6
17	16.6	28.6	20.5	71.9	16.809	14.5	0.5	11.4	11.9	6.5
18	16.7	28.1	21.6	71.1	17.303	15.0	0.0	0.0	0.0	6.0
19	14.6	29.4	20.3	69.6	15.450	13.3	0.0	0.0	0.0	5.5
20	15.6	29.3	21.5	68.5	16.563	14.4	0.0	0.0	0.0	6.9
21	17.7	26.3	20.8	75.7	18.207	15.9	3.9	0.0	3.9	1.7
22	16.1	27.3	21.4	70.5	17.467	15.2	0.0	0.0	0.0	2.2
23	17.1	25.8	20.4	76.5	18.208	16.0	6.5	0.3	6.8	1.3
24	17.1	22.0	18.6	92.5	19.985	17.5	22.7	13.8	36.5	0.3
25	16.1	23.1	19.0	82.8	18.022	15.8	2.6	4.2	6.8	1.3
26	16.1	18.0	17.1	93.3	18.194	16.0	2.0	0.0	2.0	2.0
27	15.0	26.4	20.6	74.4	17.430	15.3	0.0	1.9	1.9	6.1
28	17.0	24.8	18.9	84.8	18.590	16.3	6.5	35.8	42.3	0.7
29	14.6	25.6	19.2	79.0	17.137	15.0	2.2	1.4	3.6	6.0
30	15.4	25.4	19.2	78.3	17.292	15.2	0.0	17.9	17.9	1.8
PROM.	16.1	26.4	20.1	75.0	17.264	15.1	94.3	98.2	192.5	127.9

ESTACION: MIGUEL VALENCIA

MUNICIPIO: JARDIN

AÑO: 1.987

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	16.6	23.1	18.2	85.3	17.920	15.8	3.5	0.0	3.5	7.4
2	16.0	24.0	18.7	81.6	17.391	15.2	8.8	52.2	61.0	0.8
3	14.4	25.3	18.8	80.2	16.902	14.8	0.0	4.1	4.1	5.5
4	16.3	23.2	18.7	85.5	18.600	16.3	0.3	5.7	6.0	2.1
5	15.0	25.0	19.0	76.3	16.474	14.4	2.6	13.4	16.0	4.4
6	14.0	25.1	19.1	80.5	17.367	15.2	1.3	0.0	1.3	4.3
7	16.6	25.2	20.7	72.2	17.109	14.8	0.1	0.0	0.1	4.3
8	15.5	27.0	20.2	77.1	18.281	16.0	1.2	1.6	2.8	6.2
9	16.0	25.0	19.7	72.4	16.559	14.3	8.8	4.0	12.8	7.2
10	15.1	27.0	20.8	73.5	17.555	15.2	0.0	0.0	0.0	4.3
11	14.6	30.0	21.9	70.4	17.300	14.8	0.4	0.0	0.4	9.0
12	16.3	27.1	21.2	74.1	18.479	16.2	0.0	0.0	0.0	4.4
13	16.3	27.0	20.9	73.6	17.839	15.5	0.0	0.2	0.2	5.7
14	16.6	28.4	21.5	73.8	18.640	16.2	0.0	0.0	0.0	7.2
15	17.5	28.0	21.2	74.6	18.404	16.0	0.4	17.0	17.4	5.9
16	16.1	22.5	18.8	85.7	18.365	16.1	0.0	2.1	2.1	0.5
17	16.0	26.2	20.0	78.1	17.888	15.7	0.0	14.7	14.7	3.9
18	15.4	25.5	19.8	78.8	17.802	15.7	0.0	0.0	0.0	2.4
19	15.0	26.8	19.7	75.8	17.354	15.3	12.4	0.0	12.4	6.3
20	17.1	25.5	19.5	79.5	17.845	15.6	5.0	0.0	5.0	2.7
21	16.3	23.5	19.1	82.8	18.272	16.1	2.4	0.0	2.4	0.2
22	14.4	23.5	18.7	84.7	18.130	16.0	8.0	8.5	16.5	3.3
23	15.4	25.0	19.1	76.0	16.365	14.2	6.2	2.0	8.2	1.7
24	15.4	26.0	19.4	76.1	16.546	14.3	0.7	0.7	1.4	5.9
25	13.6	26.5	20.7	72.7	16.781	14.6	0.0	0.0	0.0	9.8
26	16.1	25.0	18.9	79.5	17.394	15.3	5.0	22.4	27.4	7.6
27	14.8	26.0	19.9	75.5	16.726	14.5	0.1	8.5	8.6	2.7
28	15.4	28.1	20.9	74.7	17.535	15.3	2.2	0.7	2.9	6.1
29	16.5	27.5	20.9	71.5	17.067	14.9	0.0	0.0	0.0	4.9
30	14.3	28.6	21.1	71.0	16.750	14.5	0.0	0.0	0.0	9.7
31	15.8	28.5	21.2	72.7	17.353	14.9	0.0	0.0	0.0	6.4
PROM.	15.6	26.0	19.9	77.0	17.516	15.3	69.4	157.8	227.2	152.8

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	17.1	27.2	20.9	73.8	17.664	15.4	0.0	0.0	0.0	2.4
2	15.9	28.0	20.7	75.6	17.788	15.6	1.0	0.0	1.0	6.0
3	15.3	26.1	19.6	76.4	17.186	15.1	3.4	0.0	3.4	0.0
4	14.5	26.5	19.4	73.8	16.170	14.0	5.1	0.3	5.4	3.7
5	17.0	25.1	19.2	79.0	17.526	15.4	2.8	0.3	3.1	2.1
6	15.0	24.1	19.2	77.3	16.903	14.8	0.0	0.0	0.0	3.5
7	14.1	25.3	19.6	89.7	18.064	15.9	0.9	0.0	0.9	2.9
8	14.5	27.3	19.7	75.6	16.776	14.5	10.6	0.2	10.8	5.8
9	16.5	27.3	21.3	71.9	17.634	15.3	0.0	0.0	0.0	7.8
10	15.6	28.7	21.5	68.8	16.719	14.3	1.4	0.7	2.1	7.7
11	16.5	26.3	20.1	72.7	17.042	14.9	9.0	0.7	9.7	0.5
12	15.1	26.3	20.4	75.1	17.608	15.4	0.0	1.9	1.9	6.2
13	17.4	24.0	19.6	82.7	18.904	16.6	0.0	0.0	0.0	0.0
14	15.0	23.5	18.6	87.3	18.879	16.6	0.0	0.0	0.0	1.3
15	15.5	26.3	20.4	75.4	17.392	15.2	0.0	0.0	0.0	7.9
16	16.5	26.5	21.2	72.9	18.030	15.8	0.0	0.0	0.0	6.5
17	14.1	26.5	20.6	75.0	17.572	15.3	0.3	0.5	0.8	7.1
18	16.0	26.5	20.5	75.6	17.576	15.2	0.0	0.0	0.0	3.3
19	14.4	28.0	21.1	72.9	17.320	15.0	0.0	0.6	0.6	8.8
20	16.1	25.0	20.3	78.0	18.084	15.7	0.2	0.0	0.2	2.5
21	16.4	27.0	19.8	75.4	17.010	14.9	0.2	0.4	0.6	7.5
22	15.4	28.0	20.4	76.1	17.669	15.5	0.0	0.0	0.0	7.8
23	16.1	27.5	21.5	67.6	16.998	14.9	0.0	22.0	22.0	3.7
24	17.0	24.3	19.5	83.0	18.728	16.5	0.3	0.0	0.3	4.7
25	16.3	27.0	21.4	68.6	16.834	14.6	0.0	0.0	0.0	4.9
26	15.4	26.5	19.5	76.5	16.911	14.6	8.0	0.0	8.0	3.3
27	14.1	28.0	19.3	74.3	16.357	14.3	11.9	0.0	11.9	7.4
28	14.4	29.0	20.6	66.2	15.014	12.9	0.0	0.0	0.0	8.5
29	13.6	26.3	19.8	67.8	14.877	12.6	0.0	0.0	0.0	4.9
30	13.5	26.5	19.3	75.3	16.134	14.0	0.1	0.0	0.1	5.1
PROM.	15.5	26.5	20.1	75.3	17.240	15.0	55.2	27.6	82.8	143.9

ESTACION: MIGUEL VALENCIA

MUNICIPIO: JARDIN

AÑO: 1.987

ALTITUD: 1.570

LATITUD: 5-32 N.

LONGITUD: 75-51 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.7	26.3	20.3	72.0	16.800	14.7	0.0	0.0	0.0	2.6
2	14.5	27.0	22.0	73.4	18.784	16.3	0.0	0.3	0.3	10.1
3	16.3	26.1	19.6	79.7	18.062	15.8	10.4	0.1	10.5	3.9
4	14.5	26.3	20.2	76.8	17.534	15.3	0.3	21.7	22.0	6.2
5	14.4	24.1	18.8	79.3	16.713	14.6	9.8	0.0	9.8	3.5
6	14.5	27.6	20.8	75.9	17.824	15.5	2.4	0.0	2.4	7.0
7	15.8	27.1	20.1	79.9	18.587	16.3	0.7	0.2	0.9	5.2
8	15.5	26.0	21.3	76.1	18.784	16.4	0.0	6.7	6.7	6.0
9	15.4	26.5	21.1	75.6	18.210	15.9	0.7	0.3	1.0	7.0
10	16.1	28.0	21.1	72.4	17.520	15.2	0.0	0.0	0.0	7.2
11	15.5	26.2	20.7	69.3	16.502	14.4	1.2	0.0	1.2	6.3
12	14.5	27.1	20.6	68.0	15.689	13.5	0.4	0.0	0.4	7.3
13	16.3	27.1	20.2	73.4	16.741	14.6	0.2	12.1	12.3	6.2
14	14.5	26.0	19.9	74.4	16.805	14.6	1.2	9.8	11.0	6.0
15	16.5	27.3	20.4	73.0	17.024	14.8	1.4	0.2	1.6	7.1
16	14.5	26.5	20.4	78.6	18.496	16.3	1.3	0.0	1.3	7.1
17	16.1	20.5	18.3	91.0	19.145	16.8	2.2	4.5	6.7	0.1
18	16.4	23.0	18.8	82.8	17.929	15.8	4.8	0.0	4.8	1.4
19	15.1	28.1	19.4	78.4	17.337	15.2	12.5	0.1	12.6	7.6
20	14.0	26.0	19.4	78.1	17.055	14.9	1.5	0.0	1.5	6.4
21	15.3	26.8	20.3	72.7	16.474	14.3	0.0	12.8	12.8	7.3
22	15.1	25.6	19.2	75.8	16.432	14.2	8.1	0.0	8.1	4.0
23	15.6	25.0	20.4	76.7	17.812	15.5	1.0	72.2	73.2	6.3
24	16.0	26.0	20.1	76.0	17.236	15.0	4.4	27.4	31.8	4.2
25	16.4	26.2	19.7	76.1	17.140	15.0	0.0	7.3	7.3	7.2
26	15.4	25.0	19.2	78.4	17.164	15.0	0.0	0.0	0.0	2.1
27	16.1	24.0	19.3	81.3	17.862	15.6	1.4	8.7	10.1	1.5
28	14.1	26.3	19.4	77.6	16.798	14.6	0.4	6.0	6.4	6.6
29	16.1	25.5	19.9	77.9	17.570	15.4	0.0	19.5	19.5	1.9
30	16.3	27.3	19.9	76.6	17.240	15.1	1.7	42.9	44.6	7.4
31	15.6	24.0	19.7	81.4	18.289	16.0	2.5	37.7	40.2	2.2
PROM.	15.4	26.0	20.0	76.7	17.470	15.2	70.5	290.5	361.0	164.9

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.3	25.0	19.0	74.9	15.868	13.7	0.3	15.7	16.0	2.2
2	15.6	23.3	19.0	81.2	17.689	15.5	2.3	17.7	20.0	9.4
3	15.5	24.1	18.5	84.8	17.926	15.8	1.0	0.0	1.0	0.0
4	15.0	26.3	20.0	73.9	17.040	15.0	0.0	12.6	12.6	0.0
5	14.5	27.0	20.3	73.9	16.827	14.6	0.0	2.7	2.7	8.6
6	15.5	25.8	19.5	77.8	17.296	15.1	2.0	0.8	2.8	7.0
7	16.0	27.1	19.7	77.5	17.289	15.0	2.2	4.9	7.1	6.8
8	16.5	25.3	19.6	78.1	17.476	15.3	1.1	0.0	1.1	3.6
9	16.3	27.0	19.6	75.4	17.024	14.9	0.0	1.1	1.1	6.7
10	14.5	25.3	19.4	78.5	17.464	15.3	0.0	0.2	0.2	5.2
11	15.4	25.1	18.9	80.2	17.461	15.4	0.0	16.7	16.7	5.4
12	16.0	25.8	20.1	79.0	18.012	15.7	1.1	0.0	1.1	5.7
13	15.5	25.0	20.5	78.1	18.587	16.3	0.0	0.0	0.0	4.9
14	13.5	29.0	20.9	62.1	14.472	12.5	0.0	0.0	0.0	8.8
15	12.5	27.1	21.5	63.8	15.664	13.5	0.0	0.0	0.0	6.6
16	14.3	27.0	19.9	71.1	15.814	13.7	0.5	0.0	0.5	4.8
17	14.3	25.4	19.2	80.0	17.564	15.5	0.0	0.0	0.0	3.9
18	16.3	27.0	20.1	72.6	16.513	14.3	3.4	0.0	3.4	4.1
19	14.6	26.5	20.2	75.1	16.928	14.7	1.3	0.0	1.3	6.2
20	14.4	27.2	19.7	77.2	16.932	14.7	2.2	0.0	2.2	6.5
21	14.6	28.5	20.4	71.4	16.021	13.8	0.0	0.0	0.0	7.5
22	16.8	27.5	21.4	69.6	16.863	14.7	0.0	0.0	0.0	6.1
23	15.6	28.3	21.0	72.8	17.317	15.0	0.1	0.0	0.1	8.1
24	14.1	28.1	20.8	67.0	15.744	13.6	0.6	0.0	0.6	6.5
25	15.3	28.3	20.6	68.6	15.956	13.8	9.4	0.0	9.4	7.4
26	13.1	26.8	20.0	72.7	16.339	14.2	0.0	0.0	0.0	5.1
27	16.3	24.8	19.9	75.0	17.180	15.1	1.2	0.0	1.2	3.0
28	15.2	25.6	19.1	76.9	16.680	14.6	0.3	0.0	0.3	3.3
29	15.0	27.3	19.9	75.3	16.538	14.3	22.8	0.0	22.8	6.0
30	16.4	26.5	20.3	76.6	17.823	15.6	4.6	4.6	9.2	5.1
31	14.7	27.5	19.9	74.7	16.875	14.7	0.5	1.3	1.8	7.4
PROM.	15.1	26.5	20.0	74.7	16.877	14.7	56.9	78.3	135.2	171.9

ESTACION: MIGUEL VALENCIA

MUNICIPIO: JARDIN

AÑO:

1.987

ALTITUD: 1.570

LATITUD: 5-32 N.

LONGITUD: 75-51 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	24.0	18.9	87.2	19.078	16.8	9.5	0.0	9.5	2.5
2	14.5	25.0	19.5	75.2	16.423	14.3	0.3	18.1	18.4	5.6
3	16.9	24.3	19.7	77.2	17.450	15.3	1.9	8.2	10.1	0.9
4	14.8	26.0	20.3	75.5	17.456	15.2	0.2	26.2	26.4	3.1
5	16.1	22.5	18.5	82.4	17.457	15.3	0.5	0.0	0.5	0.3
6	14.8	26.6	20.5	72.2	16.655	14.5	0.0	2.2	2.2	7.8
7	17.0	28.0	21.2	69.8	16.873	14.7	0.0	10.6	10.6	8.0
8	17.0	25.3	20.0	76.6	17.570	15.3	0.1	0.0	0.1	2.4
9	17.2	26.5	20.2	74.9	17.476	15.3	0.0	5.8	5.8	4.6
10	14.8	25.2	19.3	77.4	17.044	14.9	6.3	0.0	6.3	4.0
11	14.7	27.8	22.0	64.2	15.988	13.9	0.0	0.3	0.3	10.4
12	14.9	28.5	21.2	71.7	17.303	15.0	0.0	0.0	0.0	8.9
13	15.5	27.8	20.2	73.4	16.916	14.7	3.2	30.8	34.0	5.6
14	16.4	25.3	19.9	70.5	15.667	13.4	0.0	5.0	5.0	7.6
15	16.8	25.5	20.5	77.3	18.228	16.0	0.0	0.0	0.0	6.7
16	17.0	26.6	20.8	75.3	18.038	15.7	0.2	0.8	1.0	6.8
17	16.8	26.8	20.3	75.3	17.598	15.5	0.8	4.0	4.8	5.3
18	15.8	27.2	20.0	72.3	16.147	13.9	0.0	0.0	0.0	4.8
19	16.2	27.0	20.9	73.1	17.468	15.2	0.0	1.5	1.5	9.1
20	16.0	25.5	19.6	73.7	16.314	13.9	1.7	27.7	29.4	3.7
21	15.8	24.8	19.4	78.9	17.275	15.0	0.0	5.1	5.1	4.7
22	16.4	25.8	20.2	75.3	17.162	14.9	7.4	0.4	7.8	5.2
23	17.0	26.5	19.6	78.0	17.394	15.0	4.1	0.0	4.1	2.0
24	16.9	23.8	18.9	80.0	17.472	15.3	25.3	1.6	26.9	5.8
25	16.7	21.5	18.4	87.0	18.617	16.3	10.3	0.0	10.3	0.4
26	14.6	26.0	19.3	75.6	16.302	14.2	0.0	0.0	0.0	6.9
27	14.4	27.4	19.7	73.3	15.968	13.7	0.0	0.0	0.0	8.2
28	16.2	25.5	19.2	82.7	18.668	16.4	8.1	5.1	13.2	2.3
29	14.0	27.6	20.0	72.1	15.866	13.6	0.0	14.4	14.4	7.5
30	15.9	20.4	17.6	87.4	17.552	15.4	1.4	0.0	1.4	0.0
PROM.	15.9	25.7	19.9	76.2	17.181	15.0	81.3	167.8	249.1	151.3

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	14.6	24.7	19.0	75.5	15.924	13.7	0.4	2.0	2.4	4.3
2	16.5	23.8	18.1	92.1	19.236	16.9	17.9	1.1	19.0	4.0
3	15.8	26.0	19.8	75.5	17.140	15.0	1.2	0.0	1.2	3.0
4	16.4	24.2	18.9	85.4	18.665	16.4	0.0	1.3	1.3	4.6
5	15.0	25.0	19.2	78.9	17.176	14.9	13.8	0.2	14.0	2.6
6	15.4	24.2	19.6	76.1	17.069	14.9	0.1	1.1	1.2	3.1
7	16.3	22.5	19.2	83.0	18.212	15.9	0.4	0.8	1.2	0.6
8	15.7	24.5	19.6	78.5	17.397	15.1	1.4	42.6	44.0	1.2
9	15.8	21.3	18.0	87.1	17.842	15.7	4.3	0.0	4.3	1.4
10	15.6	20.4	18.2	87.1	18.107	15.9	0.1	0.0	0.1	1.4
11	13.0	21.0	18.2	89.8	18.724	16.5	3.1	0.0	3.1	0.0
12	14.8	25.4	19.7	76.2	17.138	14.8	0.0	0.0	0.0	6.0
13	14.7	27.2	20.6	75.6	17.752	15.5	0.0	51.8	51.8	3.5
14	15.4	27.4	20.4	78.3	18.372	16.2	0.1	16.8	16.9	6.8
15	17.2	27.5	21.0	74.2	17.830	15.5	0.0	1.3	1.3	6.9
16	15.5	25.4	20.1	74.5	17.147	15.0	0.0	0.0	0.0	4.2
17	17.4	22.8	18.9	85.8	18.656	16.4	7.3	0.0	7.3	0.0
18	16.8	24.9	20.4	78.0	18.376	16.0	1.0	1.1	2.1	1.3
19	16.7	24.9	18.7	92.6	20.236	17.7	3.8	0.3	4.1	3.8
20	15.2	25.6	20.3	77.3	17.706	15.4	1.2	28.3	29.5	5.3
21	16.0	22.0	17.8	82.9	16.909	14.8	0.1	0.0	0.1	1.1
22	14.8	25.5	19.6	77.6	17.048	14.7	2.8	0.0	2.8	5.3
23	16.8	26.0	19.8	76.8	17.486	15.3	7.9	1.0	8.9	3.0
24	15.8	23.5	18.6	81.4	17.394	15.2	1.4	0.2	1.6	3.8
25	14.8	24.0	19.1	81.4	17.413	15.2	1.7	6.5	8.2	1.8
26	16.2	25.3	19.1	87.7	19.240	16.9	0.5	3.7	4.2	4.0
27	17.3	24.8	19.0	82.0	17.889	15.6	1.3	9.7	11.0	3.3
28	17.0	20.8	18.2	89.8	18.886	16.6	7.1	4.2	11.3	0.0
29	15.8	24.2	19.6	77.3	16.980	14.8	0.0	29.7	29.7	3.8
30	15.7	25.0	19.8	77.6	17.295	14.9	12.0	2.0	14.0	5.7
31	15.0	25.1	18.9	77.3	16.130	13.8	4.9	8.0	12.9	6.4
PROM.	15.8	24.3	19.3	81.1	17.786	15.5	95.8	213.7	309.5	102.2

ESTACION: MIGUEL VALENCIA
 ALTITUD: 1.570

MUNICIPIO: JARDIN
 LATITUD: 5-32 N.

AÑO: 1.987
 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	14.7	23.8	18.4	75.9	15.620	13.5	0.0	8.5	8.5	4.3
2	15.7	26.4	19.5	75.0	16.399	14.2	10.8	31.1	41.9	8.3
3	15.8	25.5	20.2	75.3	17.318	15.1	0.0	0.9	0.9	7.2
4	16.4	26.0	19.6	76.5	17.084	14.9	0.0	0.0	0.0	5.7
5	16.8	26.6	20.7	75.0	17.817	15.5	2.5	0.0	2.5	6.3
6	16.0	23.5	19.4	78.3	17.504	15.4	0.0	0.0	0.0	2.6
7	16.3	25.3	19.3	77.7	17.151	15.0	0.0	0.0	0.0	3.2
8	15.8	27.0	20.3	70.6	16.264	14.1	0.0	0.0	0.0	8.7
9	16.0	26.8	20.4	71.8	16.729	14.6	0.0	0.0	0.0	8.6
10	15.4	26.6	20.0	75.3	17.019	14.8	0.0	0.0	0.0	9.6
11	16.4	26.9	19.9	72.5	16.619	14.5	0.0	0.0	0.0	6.6
12	15.6	26.5	19.8	74.0	16.642	14.5	18.0	9.6	27.6	6.3
13	16.8	24.3	19.6	78.7	17.563	15.3	0.0	0.2	0.2	4.0
14	15.3	25.8	20.0	77.4	17.707	15.5	0.0	31.2	31.2	4.2
15	16.7	25.8	19.8	79.2	17.926	15.6	0.7	0.0	0.7	5.0
16	16.0	23.2	18.6	86.7	18.608	16.3	0.8	0.0	0.8	3.2
17	15.9	26.0	19.8	75.5	16.806	14.7	0.0	0.0	0.0	7.3
18	16.8	25.8	20.3	75.8	17.700	15.5	0.0	1.4	1.4	3.6
19	16.9	24.3	19.3	79.8	17.720	15.5	0.3	0.9	1.2	3.4
20	15.7	24.2	19.0	81.4	17.651	15.4	14.3	2.9	17.2	4.0
21	14.8	23.8	18.2	79.3	16.302	14.3	30.3	0.0	30.3	1.0
22	14.7	25.3	18.8	77.1	16.134	14.0	0.0	0.0	0.0	8.4
23	16.0	26.8	20.4	75.0	17.294	15.1	0.0	0.0	0.0	8.5
24	17.6	26.4	20.2	79.9	18.578	16.2	0.6	10.7	11.3	4.7
25	16.8	22.7	18.8	83.4	18.040	15.8	2.1	0.0	2.1	0.5
26	13.2	24.0	18.2	78.7	15.935	13.9	0.0	1.7	1.7	4.5
27	15.3	25.0	18.6	79.2	16.447	14.2	0.0	0.0	0.0	5.2
28	13.7	25.4	18.7	76.4	15.818	13.7	0.0	0.0	0.0	6.5
29	15.9	26.1	20.1	76.7	17.579	15.3	0.0	1.7	1.7	6.2
30	16.7	21.9	17.9	89.4	18.611	16.4	4.4	0.0	4.4	0.7
PROM.	15.9	25.3	19.5	77.6	17.153	15.0	84.8	100.8	185.6	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	15.2	23.8	18.3	83.4	17.476	15.4	0.8	10.9	11.7	3.7
2	14.9	22.8	18.5	81.2	16.912	14.8	0.0	0.0	0.0	2.8
3	15.9	23.3	19.0	80.6	17.355	15.1	0.9	0.0	0.9	4.2
4	15.0	24.4	18.9	79.5	16.808	14.6	0.6	16.2	16.8	6.0
5	15.6	25.1	18.8	77.3	16.423	14.3	19.5	18.8	38.3	7.9
6	12.5	24.2	18.1	79.3	15.721	13.5	0.3	2.7	3.0	7.8
7	15.4	25.1	20.1	78.1	18.147	15.9	0.0	0.0	0.0	3.5
8	15.5	25.2	19.2	76.4	16.447	14.2	3.0	0.0	3.0	5.6
9	15.4	25.1	19.9	75.8	16.939	14.7	0.0	0.0	0.0	6.5
10	15.7	24.0	19.5	78.9	17.465	15.3	0.0	1.7	1.7	4.3
11	16.1	25.2	19.9	75.4	16.964	14.7	0.0	0.2	0.2	7.1
12	16.8	25.0	19.8	78.9	17.998	15.8	0.1	0.0	0.1	6.3
13	15.2	26.1	19.9	78.9	17.799	15.6	0.0	0.0	0.0	6.5
14	15.5	26.3	20.0	75.9	17.313	15.1	0.0	0.0	0.0	6.4
15	15.4	25.1	20.3	74.2	17.049	14.9	0.0	0.0	0.0	7.8
16	16.2	26.0	19.8	70.8	15.889	13.7	0.0	0.0	0.0	8.1
17	13.0	26.1	18.5	72.3	14.476	12.3	0.0	0.0	0.0	9.6
18	13.4	25.4	18.5	73.6	14.921	12.8	0.0	0.0	0.0	9.5
19	13.5	26.3	19.6	69.3	14.652	12.5	0.0	0.0	0.0	8.6
20	14.6	26.4	19.9	69.4	15.307	13.3	0.0	0.0	0.0	6.1
21	12.6	27.1	18.4	65.3	12.585	10.1	0.0	0.0	0.0	9.6
22	12.8	28.0	19.3	71.0	14.805	12.6	0.0	0.0	0.0	9.4
23	13.5	26.2	19.0	69.5	14.234	12.1	0.0	0.0	0.0	9.2
24	12.4	26.3	18.7	70.0	13.922	11.7	0.0	0.0	0.0	8.5
25	12.9	27.2	19.5	69.4	14.255	11.8	0.0	0.0	0.0	9.7
26	15.9	24.3	20.0	73.5	16.929	14.9	0.0	0.0	0.0	0.4
27	16.0	25.4	20.2	72.5	16.444	14.2	0.0	8.9	8.9	6.1
28	16.6	22.4	19.3	82.3	18.291	16.1	0.0	0.3	0.3	1.6
29	16.7	24.8	19.3	79.0	17.943	15.8	1.3	10.5	11.8	3.1
30	16.3	22.6	18.9	81.6	17.778	15.6	1.0	0.0	1.0	4.9
31	15.0	25.9	19.6	78.8	17.604	15.5	0.0	0.0	0.0	7.2
PROM.	14.9	25.2	19.3	75.6	16.350	14.2	27.5	70.2	97.7	198.0

ESTACION: **MIGUEL VALENCIA** MUNICIPIO: **JARDIN** AÑO: **1.987**
 ALTITUD: **1.570** LATITUD: **5-32 N.** LONGITUD: **75-51 W.**

MESES	TEMPERATURA °C					Humedad relativa %	Tension vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mmi.	Dias llluvias	
ENERO	15.0	26.2	19.5	12.8	28.6	73.8	16.235	14.1	47.5	14	179.0
FEBRERO	15.7	27.3	20.7	14.0	30.6	69.9	16.187	14.0	29.8	10	
MARZO	16.3	27.1	20.6	14.1	29.4	71.6	16.767	14.6	79.1	20	
ABRIL	16.1	26.4	20.1	14.3	29.4	75.0	17.264	15.1	192.5	18	127.9
MAYO	15.6	26.0	19.9	13.6	30.0	77.0	17.516	15.3	227.2	23	152.8
JUNIO	15.5	26.5	20.1	13.5	29.0	75.3	17.246	15.0	82.8	18	143.9
JULIO	15.4	26.0	20.0	14.0	28.1	76.7	17.470	15.2	361.0	28	164.9
AGOSTO	15.1	26.5	20.0	12.5	29.0	74.7	16.877	14.7	135.2	24	171.9
SEPTIEMBRE	15.9	25.7	19.9	14.0	28.5	76.2	17.181	15.0	249.1	25	151.3
OCTUBRE	15.8	24.3	19.3	13.0	27.5	81.1	17.786	15.5	309.5	29	102.2
NOVIEMBRE	15.9	25.3	19.5	13.2	27.0	77.6	17.153	15.0	185.6	18	158.3
DIEMBRE	14.9	25.2	19.3	12.4	28.0	75.6	16.350	14.2	97.7	13	198.0
PROMEDIO	15.6	26.0	19.9	13.5	28.8	75.4	17.003	14.8			
TOTAL									1997.0	240	

ESTACION: BERTHA

MUNICIPIO: MONQUIRA

AÑO: 1987

1.987

ALTITUD: 1.700

LATITUD: 5-52 N.

LONGITUD: 73-24 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	27.0	19.3	75.0	15.833	13.6	1.3	0.0	1.3	
2	13.5	28.0	19.2	69.0	13.716	10.7	0.0	0.0	0.0	
3	9.4	28.0	19.0	68.6	13.169	10.4	0.0	0.0	0.0	
4	10.8	27.5	19.8	67.3	14.046	11.8	0.0	0.0	0.0	
5	13.0	26.8	19.4	74.6	16.120	14.0	0.0	0.0	0.0	
6	13.2	27.0	19.8	72.7	16.021	14.0	0.1	3.2	3.3	
7	16.0	24.0	18.7	78.1	16.711	14.6	0.0	0.3	0.3	
8	15.5	27.0	19.8	72.6	16.168	14.1	0.7	0.0	0.7	
9	15.8	22.5	18.5	85.9	18.250	16.0	0.7	0.1	0.8	
10	14.5	28.0	21.0	69.3	15.525	12.6	0.0	0.0	0.0	
11	10.0	27.0	17.3	76.1	13.996	11.8	6.5	0.0	6.5	
12	10.5	27.4	19.5	68.8	14.204	11.8	0.0	0.0	0.0	
13	10.5	27.3	19.4	71.5	14.619	12.3	0.0	3.1	3.1	
14	10.5	28.0	20.1	67.0	14.079	11.8	0.0	0.0	0.0	
15	10.0	29.5	19.9	67.3	13.573	11.0	0.0	0.0	0.0	
16	11.0	29.0	21.4	49.2	11.162	8.4	0.0	0.0	0.0	
17	11.0	28.0	19.9	56.4	11.287	8.6	0.0	0.0	0.0	
18	13.0	27.6	20.6	54.2	11.694	8.9	0.0	0.0	0.0	
19	12.0	25.0	18.4	75.9	15.499	13.3	0.4	17.1	17.5	
20	12.0	24.0	17.4	77.7	14.884	12.8	0.0	0.0	0.0	
21	10.5	26.0	18.2	72.6	13.991	11.6	0.0	0.3	0.3	
22	13.0	27.0	19.7	72.8	15.410	13.1	0.0	0.0	0.0	
23	15.5	26.0	19.4	75.5	16.384	14.2	1.4	1.0	2.4	
24	14.0	27.0	19.9	70.2	15.490	13.4	0.0	0.0	0.0	
25	10.0	27.5	18.3	76.0	15.237	12.9	2.1	0.0	2.1	
26	12.0	26.0	19.2	72.2	14.903	12.8	0.0	0.0	0.0	
27	13.0	26.5	19.5	75.2	15.951	13.6	3.2	0.0	3.2	
28	13.6	27.0	20.1	67.5	14.742	12.6	0.0	1.6	1.6	
29	12.5	27.4	19.6	72.4	15.330	13.2	0.0	0.0	0.0	
30	9.5	27.0	18.7	74.2	14.662	12.3	0.0	0.0	0.0	
31	14.0	28.3	19.9	71.0	15.167	12.9	0.0	0.4	0.4	
PROM.	12.4	26.9	19.4	70.9	14.768	12.4	16.4	27.1	43.5	

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	11.0	23.0	19.2	71.7	14.583	12.4	0.0	0.0	0.0	
2	9.8	27.5	18.3	67.2	12.767	10.1	0.0	0.0	0.0	
3	11.5	26.5	19.4	65.1	13.275	10.7	0.0	0.0	0.0	
4	10.8	23.5	20.2	61.9	12.907	10.3	0.0	0.0	0.0	
5	7.8	30.0	19.3	60.3	11.466	8.1	0.0	0.0	0.0	
6	10.0	29.0	20.4	60.4	12.196	9.3	0.0	0.0	0.0	
7	10.8	28.4	20.6	58.3	11.866	9.0	0.0	0.0	0.0	
8	12.0	27.0	19.2	63.2	13.022	10.8	0.0	0.0	0.0	
9	14.0	28.4	19.5	74.4	16.022	13.9	0.0	0.0	0.0	
10	14.0	27.0	20.1	76.8	17.112	14.7	0.8	0.0	0.8	
11	14.5	26.0	19.6	78.2	17.170	14.9	20.4	4.2	24.6	
12	16.0	25.0	19.3	81.3	18.206	16.0	0.8	0.0	0.8	
13	13.0	24.4	17.9	80.4	16.082	14.0	5.9	0.0	5.9	
14	10.5	24.0	18.0	77.7	15.288	13.0	1.3	7.0	8.3	
15	14.4	23.0	20.0	72.8	16.702	14.5	3.1	0.4	3.5	
16	13.5	27.0	19.7	75.9	16.556	14.4	0.1	0.0	0.1	
17	13.5	28.0	20.7	66.9	14.657	12.3	0.0	6.1	6.1	
18	12.5	27.5	19.9	71.8	15.307	13.0	0.0	1.3	1.3	
19	13.5	26.4	19.9	75.3	16.590	14.4	0.0	0.0	0.0	
20	11.0	30.0	20.2	64.6	13.080	10.3	3.0	0.0	3.0	
21	9.8	23.0	21.3	63.5	14.432	12.3	0.0	0.0	0.0	
22	12.8	23.4	21.2	66.2	15.312	13.2	0.0	0.0	0.0	
23	11.5	30.0	21.4	65.8	15.013	12.9	0.0	3.0	3.0	
24	14.5	28.4	21.9	41.5	10.287	7.3	0.1	0.0	0.1	
25	12.0	27.0	21.4	54.1	12.062	9.4	0.0	0.0	0.0	
26	12.5	29.4	21.3	58.7	13.652	10.7	0.0	0.0	0.0	
27	12.0	23.6	21.0	63.3	14.012	12.0	0.0	0.0	0.0	
28	11.6	23.2	21.3	46.3	10.105	6.8	0.0	0.0	0.0	
PROM	12.2	27.7	20.2	66.6	14.256	11.8	32.5	22.0	54.5	

ESTACION: BERTHA

MUNICIPIO: MONIQUIRA

AÑO: 1987

ALTITUD: 1.700

LATITUD: 5-52 N.

LONGITUD: 73-24 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.0	29.4	21.3	60.9	13.119	10.5	0.0	17.6	17.6	
2	12.5	29.0	19.8	73.4	15.525	13.2	1.2	0.3	1.5	
3	12.0	28.8	20.9	67.2	14.967	12.9	0.0	0.0	0.0	
4	14.6	27.0	20.5	72.3	16.493	14.4	0.1	0.8	0.9	
5	15.5	28.0	19.6	66.5	14.219	11.7	0.0	0.0	0.0	
6	11.8	27.0	19.1	68.6	13.965	11.8	0.0	0.0	0.0	
7	14.0	26.9	19.9	67.3	14.764	12.6	0.0	0.0	0.0	
8	13.5	27.4	21.2	63.2	15.148	12.8	0.0	0.0	0.0	
9	11.8	26.0	19.5	64.8	13.668	11.4	0.0	0.0	0.0	
10	14.0	27.2	20.2	63.8	14.145	12.0	0.0	0.0	0.0	
11	11.5	26.6	19.6	62.1	12.493	10.0	0.0	0.0	0.0	
12	11.5	27.6	20.0	62.6	12.929	10.7	0.0	0.2	0.2	
13	14.8	25.2	18.8	79.7	16.873	14.7	6.8	0.4	7.2	
14	14.0	25.0	18.7	71.6	14.759	12.6	0.0	0.0	0.0	
15	14.0	26.2	19.7	73.7	16.125	14.1	0.0	0.0	0.0	
16	14.7	23.0	16.6	92.6	17.791	15.6	0.0	0.0	0.0	
17	14.0	30.5	20.4	70.5	15.114	12.3	3.8	0.1	3.9	
18	14.5	28.6	21.1	73.7	17.117	14.8	0.0	6.0	6.0	
19	16.0	28.0	20.2	71.0	16.242	14.1	1.5	0.2	1.7	
20	12.2	28.3	20.4	68.0	14.459	11.8	0.0	0.0	0.0	
21	12.0	26.8	19.7	77.4	16.927	14.8	0.1	10.0	10.1	
22	15.5	29.0	20.8	72.5	16.774	14.3	0.0	0.1	0.1	
23	14.0	28.5	22.5	74.9	20.128	17.5	0.0	0.0	0.0	
24	15.4	26.6	20.0	75.0	16.884	14.7	0.4	4.3	4.7	
25	15.0	28.0	20.3	73.6	16.322	13.9	0.5	0.2	0.7	
26	14.5	27.2	19.8	75.5	16.428	14.1	0.0	5.0	5.0	
27	12.6	26.5	20.5	74.8	16.913	14.5	0.0	2.8	2.8	
28	14.6	26.8	21.9	74.4	19.027	16.4	0.0	0.1	0.1	
29	14.0	28.8	19.9	73.5	16.107	14.0	3.3	0.0	3.3	
30	14.6	29.0	21.9	74.3	18.403	15.9	0.0	21.0	21.0	
31	15.0	25.5	19.5	72.8	15.803	13.7	0.0	0.0	0.0	
PROM.	13.7	27.4	20.1	71.4	15.795	13.5	17.7	69.1	86.8	

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.5	26.4	19.8	67.5	14.637	12.6	0.0	0.0	0.0	
2	15.0	24.8	19.3	78.1	17.175	15.0	2.7	15.5	18.2	
3	16.0	19.6	17.1	93.0	18.359	16.2	13.1	0.8	13.9	
4	14.5	27.5	20.5	67.4	15.727	13.7	0.0	0.0	0.0	
5	13.6	26.5	18.7	78.2	16.071	13.9	6.9	0.6	7.5	
6	14.0	28.0	19.4	80.1	17.524	15.3	0.0	15.0	15.0	
7	12.5	27.2	20.9	56.6	12.315	9.8	0.0	0.0	0.0	
8	14.0	27.5	19.4	72.9	15.476	13.1	3.3	0.1	3.4	
9	13.5	27.6	20.4	75.8	17.337	15.0	4.3	0.0	4.3	
10	14.7	25.0	20.2	79.2	18.650	16.3	0.0	0.0	0.0	
11	14.0	27.0	19.5	76.7	17.116	14.9	11.0	0.0	11.0	
12	11.5	28.5	21.7	68.7	16.604	14.2	0.0	0.0	0.0	
13	11.0	27.5	19.8	67.1	14.345	12.0	0.0	0.0	0.0	
14	10.8	28.3	20.1	70.5	15.181	12.9	0.0	0.0	0.0	
15	13.0	28.0	19.9	68.8	14.826	12.6	0.0	2.0	2.0	
16	14.8	28.4	21.1	69.3	16.268	14.1	0.0	0.0	0.0	
17	12.8	28.0	20.3	72.1	15.981	13.7	0.0	3.3	3.3	
18	15.0	27.5	21.7	57.8	13.410	11.0	0.0	0.0	0.0	
19	14.0	28.4	21.7	62.8	14.851	12.5	0.0	0.0	0.0	
20	13.8	28.2	20.5	64.3	14.525	12.5	2.0	0.0	2.0	
21	13.0	25.6	19.5	76.9	16.561	14.4	0.0	0.0	0.0	
22	15.5	25.4	20.4	76.0	17.617	15.5	0.4	59.0	59.4	
23	16.4	27.5	19.3	77.5	17.170	15.0	10.0	0.0	10.0	
24	13.0	25.5	19.7	71.1	15.427	13.4	0.0	0.0	0.0	
25	16.4	23.6	18.5	80.2	17.131	15.0	6.5	37.7	44.2	
26	15.0	25.6	19.5	77.4	16.966	14.8	0.0	0.0	0.0	
27	14.0	27.2	18.9	78.9	16.648	14.5	1.1	5.9	7.0	
28	15.0	26.2	19.8	81.2	18.477	16.2	1.2	0.2	1.4	
29	14.5	26.5	19.5	78.3	17.068	14.9	1.0	0.4	1.4	
30	14.0	25.0	18.9	81.1	17.266	15.1	7.0	20.0	27.0	
PROM.	13.9	26.6	19.9	73.5	16.224	14.0	70.5	160.5	231.0	

ESTACION: BERTHA MUNICIPIO: MONQUIRA AÑO: 1.987
 ALTITUD: 1.700 LATITUD: 5-52 N. LONGITUD: 73-24 W.

M E S - M A Y O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	24.0	19.4	80.9	18.000	15.9	0.0	0.6	0.6	
2	15.0	27.0	20.6	74.5	17.393	15.2	0.0	34.9	34.9	
3	14.0	28.0	19.9	76.2	16.926	14.8	11.3	11.3	22.6	
4	13.0	27.5	19.3	74.2	15.860	13.8	0.0	0.6	0.6	
5	12.6	27.0	19.1	71.4	14.645	12.4	0.0	4.5	4.5	
6	15.0	26.0	19.4	81.6	18.062	15.8	0.0	10.0	10.0	
7	16.0	27.0	20.3	73.8	16.865	14.3	0.0	19.0	19.0	
8	14.5	27.5	19.7	76.2	16.641	14.3	0.0	0.3	0.3	
9	14.5	26.0	19.0	80.5	17.418	15.3	0.0	50.0	50.0	
10	14.5	26.5	18.9	91.4	19.840	17.3	0.0	0.0	0.0	
11	14.0	28.5	21.0	71.8	16.464	13.9	0.0	0.0	0.0	
12	13.0	26.0	20.2	76.3	17.173	14.9	0.0	0.0	0.0	
13	13.0	24.0	18.7	86.3	18.404	16.2	1.5	1.5	3.0	
14	12.0	24.5	18.1	97.0	19.760	17.2	22.5	0.0	22.5	
15	14.0	29.0	19.6	82.7	18.807	16.5	7.5	4.2	11.7	
16	15.5	24.0	18.8	86.4	18.221	16.0	1.0	6.4	7.4	
17	15.5	25.6	19.2	83.5	18.469	16.2	5.0	0.0	5.0	
18	15.5	27.5	19.7	72.1	16.029	14.0	0.0	0.0	0.0	
19	10.5	28.5	19.7	78.3	17.281	15.0	0.0	3.9	3.9	
20	15.0	27.5	19.1	82.9	18.284	16.1	4.1	0.5	4.6	
21	15.2	27.0	20.5	80.7	19.143	16.8	0.3	0.8	1.1	
22	14.0	24.5	19.5	82.0	18.252	16.0	0.0	12.2	12.2	
23	16.0	27.0	20.1	81.5	19.044	16.7	0.5	3.4	3.9	
24	15.5	23.0	19.0	90.4	19.884	17.4	0.0	0.0	0.0	
25	16.0	27.0	19.4	79.6	17.656	15.5	4.0	0.0	4.0	
26	12.0	28.0	18.7	77.5	15.963	13.9	0.0	0.3	0.3	
27	14.0	27.5	18.8	78.2	16.465	14.3	24.1	0.1	24.2	
28	11.5	27.5	19.8	77.4	17.038	14.9	0.0	0.0	0.0	
29	11.0	29.0	20.7	65.0	14.460	12.5	0.0	0.0	0.0	
30	11.5	27.5	19.7	65.0	14.147	12.1	0.0	0.0	0.0	
31	11.5	27.0	20.9	67.7	15.654	13.6	0.0	0.0	0.0	
PROM.	13.9	26.7	19.6	78.8	17.363	15.1	81.8	164.5	246.3	

M E S - J U N I O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	24.8	18.0	91.0	18.905	16.5	5.5	0.7	6.2	
2	11.5	25.5	18.7	79.6	16.656	14.6	0.0	0.0	0.0	
3	14.0	24.0	17.4	95.5	19.057	16.7	8.2	0.0	8.2	
4	12.0	23.5	17.8	85.5	17.474	15.3	0.0	17.5	17.5	
5	13.5	27.0	20.2	84.9	20.211	17.6	0.0	20.0	20.0	
6	15.5	26.0	19.5	87.1	19.824	17.4	3.6	0.5	4.1	
7	14.5	27.0	18.6	89.3	19.233	16.9	1.3	0.2	1.5	
8	13.0	27.5	18.9	81.0	17.311	15.2	1.8	2.6	4.4	
9	14.8	26.9	20.6	69.3	16.240	14.2	0.0	0.0	0.0	
10	12.0	25.3	19.5	77.9	16.911	14.7	0.0	0.0	0.0	
11	14.7	26.4	20.4	80.4	18.660	16.3	0.5	2.3	2.8	
12	14.5	27.8	20.7	81.7	19.688	17.2	42.6	6.1	48.7	
13	13.5	27.5	21.8	76.1	19.162	16.6	0.0	0.0	0.0	
14	12.0	24.8	18.6	86.6	18.088	15.8	0.0	0.0	0.0	
15	13.5	27.5	19.2	81.6	17.920	15.7	14.0	1.0	15.0	
16	15.0	26.4	19.9	72.8	16.081	14.0	0.0	0.0	0.0	
17	11.4	28.0	20.8	74.9	17.607	15.3	0.0	0.3	0.3	
18	12.0	27.5	20.7	77.8	18.139	15.9	0.4	1.1	1.5	
19	11.0	27.4	19.8	77.6	17.502	15.3	2.6	0.8	3.4	
20	16.0	27.0	20.9	68.6	16.088	14.0	0.0	19.8	19.8	
21	10.8	26.5	19.2	84.8	18.729	16.3	0.0	0.0	0.0	
22	13.8	26.4	20.3	79.1	18.250	16.0	1.3	0.0	1.3	
23	14.5	24.5	18.4	93.6	19.994	17.5	12.1	13.6	25.7	
24	13.0	26.6	19.9	80.6	18.045	15.8	0.0	0.0	0.0	
25	15.0	23.0	19.1	72.8	15.678	13.6	0.0	2.2	2.2	
26	12.0	26.0	20.6	68.2	16.023	14.0	0.2	0.0	0.2	
27	14.0	26.2	21.5	53.6	13.986	12.0	0.0	0.0	0.0	
28	12.4	27.0	20.4	61.9	14.330	12.3	0.0	0.0	0.0	
29	11.8	26.5	20.3	65.2	14.469	12.5	0.0	0.0	0.0	
30	12.0	26.0	19.8	82.2	18.459	16.1	0.4	0.1	0.5	
PROM.	13.2	26.2	19.7	78.7	17.624	15.4	94.5	88.8	183.3	

ESTACION: BERTHA

MUNICIPIO: MONIQUIRA

AÑO: 1987

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	28.4	19.9	79.2	17.581	15.4	6.5	0.6	7.1	
2	12.5	28.2	20.4	78.4	17.773	15.4	0.1	13.2	13.3	
3	14.0	25.2	19.9	86.4	19.888	17.4	0.3	0.0	0.3	
4	16.0	26.0	18.7	82.4	18.324	16.1	11.4	0.0	11.4	
5	13.0	24.5	18.3	88.0	18.345	16.1	0.7	0.0	0.7	
6	14.5	27.0	20.3	75.9	17.158	14.9	9.5	0.1	9.6	
7	12.0	27.6	19.0	78.3	16.558	14.4	3.3	4.2	7.5	
8	15.0	26.2	20.5	82.5	19.284	16.8	2.9	0.0	2.9	
9	13.5	25.5	19.6	83.2	18.529	16.2	2.1	0.0	2.1	
10	14.0	26.2	20.6	66.4	15.168	13.2	0.0	0.0	0.0	
11	13.9	26.0	19.9	82.8	18.929	16.6	0.0	0.0	0.0	
12	12.5	28.0	19.6	77.4	16.920	14.7	0.0	0.0	0.0	
13	13.0	26.4	19.7	80.4	17.689	15.4	0.6	0.4	1.0	
14	15.5	26.1	18.3	85.6	18.359	16.2	1.9	0.0	1.9	
15	11.6	24.6	18.6	84.9	17.750	15.5	0.0	0.0	0.0	
16	12.8	27.6	20.1	78.8	17.574	15.2	1.4	10.2	11.6	
17	16.0	25.1	19.4	90.8	20.939	18.2	0.0	10.2	10.2	
18	15.0	22.6	18.5	87.6	18.651	16.4	1.1	23.3	24.4	
19	12.8	25.8	18.6	79.8	16.411	14.3	0.9	0.0	0.9	
20	14.0	26.7	21.3	55.2	13.957	11.9	0.0	0.0	0.0	
21	11.8	27.0	18.4	78.0	15.702	13.6	27.7	11.3	39.0	
22	14.8	26.0	19.7	83.5	18.848	16.5	1.2	2.8	4.0	
23	14.7	25.8	18.9	83.5	17.909	15.7	2.8	0.4	3.2	
24	15.0	23.8	19.1	86.4	18.926	16.6	0.6	0.5	1.1	
25	15.4	25.4	19.4	86.0	19.886	17.4	4.3	0.0	4.3	
26	13.5	26.8	19.4	84.3	19.674	17.2	17.7	2.4	20.1	
27	14.7	23.4	18.5	86.2	18.136	15.9	0.4	1.0	1.4	
28	13.0	25.7	18.7	81.6	17.175	15.1	9.0	0.0	9.0	
29	14.0	25.5	18.0	88.5	18.651	16.4	8.3	11.4	19.7	
30	12.8	24.8	16.8	93.8	18.679	16.2	53.7	0.0	53.7	
31	12.0	22.5	16.9	93.8	18.454	16.1	22.6	4.2	26.8	
PROM.	13.8	25.8	19.2	82.2	17.994	15.7	191.0	96.2	287.2	

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	13.5	23.4	17.4	93.2	19.109	16.7	6.6	0.0	6.6	
2	14.6	22.9	17.8	87.3	17.873	15.7	12.4	0.4	12.8	
3	13.8	21.8	17.2	93.4	18.393	16.2	2.1	3.8	5.9	
4	13.4	23.0	20.1	78.9	17.853	15.7	0.1	4.5	4.6	
5	13.6	26.5	19.4	81.9	17.956	15.7	1.0	10.1	11.1	
6	14.0	26.5	18.6	77.3	15.983	14.0	0.7	0.0	0.7	
7	14.8	25.5	19.5	84.3	19.102	16.7	1.1	0.0	1.1	
8	13.8	25.5	19.7	82.4	18.890	16.6	0.1	1.6	1.7	
9	14.8	23.8	18.3	87.5	18.960	16.7	5.6	0.1	5.7	
10	12.0	26.2	19.0	84.0	18.227	15.5	0.0	0.2	0.2	
11	13.5	26.0	19.4	82.7	18.560	16.3	0.8	7.2	8.0	
12	12.5	24.0	17.5	91.3	18.462	16.1	6.0	3.1	9.1	
13	15.0	24.2	18.9	80.3	17.392	15.3	0.0	0.0	0.0	
14	12.5	26.8	19.7	67.2	14.749	12.6	0.0	0.0	0.0	
15	11.5	26.2	19.3	76.0	16.272	14.2	0.0	0.0	0.0	
16	12.0	28.5	20.7	76.7	17.643	15.4	0.0	0.0	0.0	
17	12.0	26.5	17.5	83.5	16.759	14.7	31.8	0.0	31.8	
18	13.5	25.5	19.2	79.1	16.939	14.8	0.0	0.0	0.0	
19	14.0	25.4	18.4	82.3	17.225	15.1	0.0	0.0	0.0	
20	11.0	25.5	18.5	80.5	16.485	14.4	0.4	0.0	0.4	
21	12.5	26.4	20.1	67.4	14.783	12.8	0.0	0.0	0.0	
22	11.0	27.0	19.4	76.6	16.512	14.5	0.7	0.0	0.7	
23	11.0	26.0	19.3	70.8	15.567	13.6	0.0	0.0	0.0	
24	12.0	26.8	19.6	68.8	14.681	12.7	0.0	0.0	0.0	
25	10.8	26.0	19.2	67.3	13.903	11.9	0.1	0.0	0.1	
26	13.0	25.0	19.4	76.0	16.314	14.2	0.0	0.0	0.0	
27	13.5	26.6	18.7	85.2	18.231	16.0	11.0	25.6	36.6	
28	15.0	26.4	18.9	85.3	18.732	16.5	18.0	2.0	20.0	
29	13.5	26.0	19.3	83.6	18.809	16.4	0.7	0.0	0.7	
30	14.3	27.2	19.8	85.0	19.486	17.1	6.7	0.0	6.7	
31	12.5	26.7	18.3	79.6	16.240	14.2	6.2	0.0	6.2	
PROM.	13.1	25.8	19.0	80.5	17.293	15.1	112.1	58.6	170.7	

ESTACION: BERTHA MUNICIPIO: MONIQUIRA AÑO: 1.987
 ALTITUD: 1.700 LATITUD: 5-52 N. LONGITUD: 73-24 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.8	26.2	19.6	80.8	17.701	15.4	0.0	0.0	0.0	
2	13.0	25.4	19.5	85.0	19.167	16.8	0.6	0.0	0.6	
3	13.5	23.6	19.1	88.0	19.159	16.7	2.7	7.2	9.9	
4	13.4	25.0	18.8	86.5	18.745	16.4	10.0	1.0	11.0	
5	15.5	23.8	19.2	88.9	20.013	17.5	4.9	13.5	18.4	
6	15.0	25.6	18.8	83.5	18.007	15.8	5.2	0.7	5.9	
7	14.0	27.6	20.4	77.3	17.518	15.2	0.0	0.0	0.0	
8	12.0	27.8	19.7	81.9	18.303	16.0	4.9	0.0	4.9	
9	13.8	25.3	18.5	86.6	18.633	16.3	2.6	0.0	2.6	
10	10.5	27.0	17.3	81.6	15.799	13.8	0.1	0.6	0.7	
11	9.5	26.5	19.1	81.9	17.354	14.9	0.0	0.0	0.0	
12	11.8	28.5	20.6	77.9	17.918	15.6	0.0	0.0	0.0	
13	12.0	28.4	20.3	79.9	18.424	16.1	20.0	3.0	23.0	
14	14.8	24.8	19.2	82.4	18.241	16.0	0.0	15.0	15.0	
15	15.0	27.5	19.1	84.7	18.837	16.6	1.1	1.8	2.9	
16	15.0	26.5	18.8	77.1	16.317	14.3	0.0	0.0	0.0	
17	14.8	28.0	20.0	78.8	17.733	15.5	10.0	0.6	10.6	
18	11.8	28.6	19.5	83.4	18.725	16.3	0.0	5.0	5.0	
19	11.5	26.5	18.3	83.0	17.585	15.5	5.0	25.0	30.0	
20	12.0	26.2	18.6	79.9	16.414	14.3	9.0	0.0	9.0	
21	13.0	24.0	16.8	94.5	17.809	15.6	16.0	1.0	17.0	
22	14.5	27.2	19.1	84.1	18.657	16.4	16.0	0.0	16.0	
23	14.0	25.0	19.0	81.1	17.510	15.4	0.0	3.0	3.0	
24	14.5	26.5	18.9	81.3	17.828	15.7	0.0	0.0	0.0	
25	12.0	24.5	18.4	88.6	18.740	16.4	0.0	0.0	0.0	
26	12.8	27.0	18.6	82.6	17.552	15.4	0.0	0.0	0.0	
27	13.0	27.5	18.5	79.3	16.323	14.3	0.0	0.0	0.0	
28	12.0	28.0	19.5	76.8	16.374	14.2	0.0	0.0	0.0	
29	14.5	26.8	20.1	78.3	17.695	15.4	0.0	32.0	32.0	
30	13.5	23.6	18.3	82.7	16.978	14.8	0.0	0.0	0.0	
PROM.	13.2	26.3	19.1	82.6	17.869	15.6	108.1	109.4	217.5	

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	23.0	18.7	83.9	17.903	15.7	0.0	0.0	0.0	
2	14.4	23.6	18.8	86.0	18.387	16.1	0.0	0.0	0.0	
3	14.3	25.2	20.1	83.2	19.201	16.8	0.0	1.0	1.0	
4	13.5	25.0	18.9	85.7	18.714	16.4	0.0	40.0	40.0	
5	14.5	23.5	17.7	86.6	17.570	15.5	0.0	0.0	0.0	
6	14.0	21.0	17.2	92.8	18.335	16.1	14.0	0.0	14.0	
7	12.0	23.3	18.0	86.1	17.675	15.5	0.0	1.0	1.0	
8	12.5	21.5	18.0	90.4	18.701	16.4	7.0	24.0	31.0	
9	15.5	23.0	18.1	89.4	18.860	16.6	4.0	3.0	7.0	
10	14.5	25.5	19.3	85.3	18.965	16.7	6.0	3.0	9.0	
11	15.0	25.4	19.3	83.9	19.228	16.8	0.0	1.0	1.0	
12	13.8	26.5	18.9	83.9	18.125	15.9	0.0	42.0	42.0	
13	14.0	26.3	18.8	84.2	18.102	15.9	0.0	2.0	2.0	
14	15.0	26.4	19.0	80.7	18.078	15.9	0.0	20.0	20.0	
15	16.0	24.5	19.6	88.9	20.336	17.7	3.0	13.0	16.0	
16	15.6	25.6	19.3	85.1	19.526	17.1	3.0	8.0	11.0	
17	15.2	24.0	18.8	83.9	18.200	16.0	0.0	4.0	4.0	
18	15.8	21.0	18.4	93.2	19.758	17.3	0.0	0.0	0.0	
19	15.6	25.5	19.6	83.8	19.149	16.8	0.0	0.0	0.0	
20	15.5	26.0	18.9	92.8	20.268	17.7	0.0	0.0	0.0	
21	12.5	26.5	19.0	81.9	17.517	15.3	0.0	0.0	0.0	
22	16.5	25.0	19.0	85.4	19.016	16.7	2.0	0.0	2.0	
23	14.5	26.5	18.9	82.5	17.819	15.7	18.0	8.0	26.0	
24	15.0	25.5	18.6	85.7	18.731	16.4	14.0	0.0	14.0	
25	15.1	25.0	20.4	82.9	19.417	17.0	2.0	0.0	2.0	
26	15.0	25.4	19.7	85.1	19.366	17.0	0.0	0.0	0.0	
27	14.8	25.0	19.7	83.3	18.886	16.6	0.0	65.0	65.0	
28	14.5	23.0	17.8	92.0	18.681	16.4	27.0	25.0	52.0	
29	15.0	25.0	18.6	85.3	18.425	16.2	7.0	0.0	7.0	
30	16.0	25.4	20.1	83.2	19.458	17.0	0.0	3.0	3.0	
31	15.5	25.6	20.1	84.8	19.554	17.2	0.0	0.0	0.0	
PROM.	14.7	24.6	19.0	85.9	18.776	16.5	107.0	263.0	370.0	

ESTACION: BERTHA

MUNICIPIO: MONIQUIRA

AÑO: 1.987

ALTITUD: 1.700

LATITUD: 5-52 N.

LONGITUD: 73-24 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	24.5	18.9	84.2	17.968	15.7	5.0	0.0	5.0	
2	14.8	25.5	18.9	82.7	17.941	15.8	0.0	0.0	0.0	
3	14.5	25.6	18.6	82.3	17.501	15.4	0.0	0.0	0.0	
4	14.0	23.5	17.3	96.7	19.384	17.0	5.0	0.0	5.0	
5	13.5	25.5	19.3	86.1	19.138	16.7	4.0	2.0	6.0	
6	12.8	25.0	18.0	81.0	16.670	14.7	0.0	0.0	0.0	
7	13.5	26.8	19.6	81.7	18.022	15.7	0.0	0.0	0.0	
8	11.5	26.3	19.0	81.6	17.248	15.0	0.0	0.0	0.0	
9	11.8	27.0	19.1	75.8	15.723	13.6	0.0	0.0	0.0	
10	11.0	26.2	18.9	81.2	17.143	15.0	0.7	0.0	0.7	
11	12.0	26.8	19.3	78.8	17.110	14.9	0.0	0.0	0.0	
12	11.0	25.6	19.1	78.2	16.770	14.6	0.0	0.0	0.0	
13	12.4	27.2	19.2	81.6	17.765	15.6	2.0	0.2	2.2	
14	14.0	27.0	18.9	82.8	18.238	16.0	8.5	0.2	8.7	
15	15.0	26.0	19.6	82.9	18.878	16.6	1.1	2.5	3.6	
16	14.5	26.6	19.5	80.7	18.061	15.9	0.0	0.0	0.0	
17	13.0	27.0	20.0	81.4	18.756	16.5	0.1	0.4	0.5	
18	15.5	26.5	19.7	79.8	18.232	16.0	0.0	6.6	6.6	
19	15.3	26.3	19.0	83.9	18.681	16.4	0.7	2.0	2.7	
20	15.8	22.6	18.0	82.4	17.234	15.1	1.7	0.0	1.7	
21	13.0	24.2	19.2	82.9	18.547	16.3	1.3	21.2	22.5	
22	13.1	24.6	18.2	87.9	18.905	16.5	0.0	0.0	0.0	
23	11.5	27.0	19.8	77.5	17.411	15.2	0.2	0.0	0.2	
24	12.0	27.5	18.1	81.1	17.252	15.2	48.7	4.6	53.3	
25	14.0	22.5	18.2	89.6	18.845	16.5	0.0	0.0	0.0	
26	13.9	23.5	18.7	87.7	18.844	16.5	0.7	15.2	15.9	
27	15.5	25.0	18.7	83.0	17.882	15.7	0.7	0.0	0.7	
28	13.0	25.8	19.2	84.4	18.606	16.3	7.3	8.3	15.6	
29	16.8	24.6	19.6	83.6	19.088	16.8	0.0	0.0	0.0	
30	15.5	24.4	18.8	86.2	18.869	16.6	6.6	11.4	18.0	
PROM.	13.6	25.6	18.9	83.0	18.024	15.8	94.3	74.6	168.9	

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	25.0	18.9	79.4	17.008	14.9	1.7	1.5	3.2	
2	14.5	23.5	18.7	83.3	17.696	15.6	6.7	0.0	6.7	
3	11.4	26.0	18.8	78.6	16.327	14.2	0.0	0.2	0.2	
4	14.5	26.6	19.3	80.8	17.701	15.6	0.0	0.0	0.0	
5	13.5	27.0	20.1	80.3	18.691	16.4	0.1	0.1	0.2	
6	15.5	26.9	20.1	82.3	19.315	16.9	0.5	0.0	0.5	
7	14.5	25.0	18.9	83.9	18.125	15.9	0.0	0.0	0.0	
8	13.0	25.6	19.0	81.7	17.571	15.4	0.0	0.0	0.0	
9	11.5	26.0	19.3	80.4	17.415	15.2	0.2	5.3	5.5	
10	14.8	24.5	18.7	85.0	18.155	15.9	5.4	5.4	10.8	
11	15.5	25.6	19.8	82.6	18.955	16.6	1.1	1.7	2.8	
12	13.8	25.0	19.4	83.7	18.480	16.2	0.0	0.0	0.0	
13	12.8	24.8	18.3	81.9	16.809	14.7	3.5	0.0	3.5	
14	11.3	26.8	19.0	80.1	16.886	14.7	0.0	0.0	0.0	
15	11.5	26.7	18.9	80.1	16.994	14.9	0.0	0.0	0.0	
16	11.5	26.2	18.3	74.0	14.778	12.6	0.0	0.0	0.0	
17	9.8	26.4	17.4	78.9	15.153	13.1	0.0	0.0	0.0	
18	10.5	27.0	18.1	78.0	15.419	13.3	0.0	0.0	0.0	
19	10.5	27.2	19.5	78.6	17.020	14.9	0.0	0.0	0.0	
20	10.4	27.4	19.5	78.8	17.085	14.9	0.0	0.0	0.0	
21	8.8	27.2	18.5	71.4	14.064	11.9	0.0	0.0	0.0	
22	7.5	27.0	18.3	73.6	14.247	12.0	0.0	0.0	0.0	
23	9.5	28.8	19.1	72.3	14.522	12.2	0.0	0.0	0.0	
24	8.8	27.5	18.7	74.3	14.831	12.6	0.0	0.0	0.0	
25	10.0	28.0	19.5	73.4	15.316	13.0	0.0	0.0	0.0	
26	10.8	27.5	19.4	75.8	15.880	13.7	0.0	0.1	0.1	
27	10.5	27.4	20.0	70.0	15.575	13.3	0.0	0.0	0.0	
28	13.8	26.5	19.9	78.8	17.809	15.6	0.0	0.0	0.0	
29	12.0	26.0	18.9	78.7	16.342	14.2	5.7	2.2	7.9	
30	12.2	26.8	18.7	81.2	17.008	14.8	0.4	0.0	0.4	
31	15.0	26.7	20.4	74.5	17.283	15.2	0.3	0.1	0.4	
PROM.	12.1	26.4	19.1	78.6	16.725	14.5	25.6	16.6	42.2	

ESTACION: **BERTHA** MUNICIPIO: **MONQUIRA** AÑO: **1.987**
 ALTITUD: **1.700** LATITUD: **5-52 N.** LONGITUD: **73-24 W.**

MESES	TEMPERATURA °C					Humedad relativa o/g	Tension vapor mb.	Punto rocio °C	PRECIPITACION		Brillo solar horas
	MIN MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias Huevas	
ENERO	12.4	26.9	19.4	9.4	29.5	70.9	14.768	12.4	43.5	14	
FEBRERO	12.2	27.7	20.2	7.8	30.0	66.6	14.256	11.8	54.5	11	
MARZO	13.7	27.4	20.1	11.0	30.5	71.4	15.795	13.5	66.8	17	
ABRIL	13.9	26.6	19.9	10.8	28.5	73.5	16.224	14.0	231.0	17	
MAYO	13.9	26.7	19.6	10.5	29.0	78.8	17.363	15.1	246.3	22	
JUNIO	13.2	26.2	19.7	10.8	28.0	78.7	17.624	15.4	183.3	19	
JULIO	13.8	25.8	19.2	11.6	28.4	82.2	17.994	15.7	287.2	26	
AGOSTO	13.1	25.8	19.0	10.8	28.5	80.5	17.293	15.1	170.7	21	
SEPTIEMBRE	13.2	26.3	19.1	9.5	28.6	82.6	17.869	15.6	217.5	19	
OCTUBRE	14.7	24.6	19.0	12.0	26.5	85.9	18.776	16.5	370.0	22	
NOVIEMBRE	13.6	25.6	18.9	11.0	27.5	83.0	18.024	15.8	168.9	18	
DICIEMBRE	12.1	26.4	19.1	7.5	28.8	78.6	16.725	14.5	42.2	13	
PROMEDIO	13.3	26.3	19.4	10.2	28.7	77.7	16.893	14.6			
TOTAL									2101.9	219	

ESTACION: RAFAEL ESCOBAR
 ALTITUD: 1.320

MUNICIPIO: SUPIA
 LATITUD: 5-28 N.

AÑO: 1.987
 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	15.4	28.0	21.1	81.0	19.814	17.3	0.0	0.0	0.0	6.4
2	16.0	30.2	23.3	67.7	18.006	15.9	0.0	0.0	0.0	9.9
3	17.0	31.8	24.2	65.0	18.375	16.2	0.0	0.0	0.0	9.7
4	18.8	30.1	23.5	67.8	19.347	17.0	0.0	4.5	4.5	6.2
5	17.5	27.6	22.1	80.1	20.830	18.1	0.0	0.0	0.0	3.1
6	16.4	30.0	23.1	72.6	19.716	17.3	0.0	0.0	0.0	8.6
7	18.0	27.0	22.0	78.4	20.441	17.8	0.0	29.9	29.9	2.9
8	17.5	28.5	21.8	84.5	21.853	18.9	4.0	0.0	4.0	4.4
9	16.3	30.2	23.3	71.9	19.596	17.2	0.0	0.0	0.0	9.6
10	17.5	30.0	24.1	67.0	19.216	16.9	0.0	0.0	0.0	9.1
11	16.7	29.0	22.6	76.9	20.237	17.6	0.0	0.0	0.0	6.7
12	17.0	30.8	23.6	63.7	17.206	14.8	0.0	0.0	0.0	7.1
13	16.5	30.5	23.4	67.9	18.452	16.2	0.0	0.0	0.0	9.6
14	17.0	30.7	23.5	67.7	18.558	16.3	0.0	0.0	0.0	9.8
15	16.8	31.5	23.9	65.0	18.018	15.8	0.0	0.0	0.0	10.1
16	17.2	28.8	22.8	75.1	20.332	17.7	0.0	0.0	0.0	5.7
17	17.4	32.2	24.7	63.7	18.276	16.1	0.0	0.0	0.0	10.1
18	17.7	32.5	25.4	61.8	18.698	16.4	0.0	0.3	0.3	10.0
19	18.4	22.4	19.8	91.1	21.171	18.4	4.6	0.0	4.6	0.0
20	16.4	30.1	22.4	68.7	17.636	15.5	0.0	2.5	2.5	7.1
21	18.0	25.4	21.0	82.3	20.344	17.8	0.0	0.1	0.1	0.5
22	17.8	25.5	20.4	86.5	20.684	18.1	1.0	12.6	13.6	2.8
23	17.5	28.6	22.4	75.5	19.738	17.3	0.0	0.0	0.0	4.9
24	17.0	30.0	23.4	66.9	18.073	15.9	0.0	0.0	0.0	10.1
25	16.8	31.0	24.0	66.5	18.575	16.3	0.0	0.0	0.0	9.3
26	18.0	30.4	23.8	66.7	18.843	16.6	0.0	5.8	5.8	9.2
27	17.0	30.2	23.2	64.8	17.229	15.0	0.0	0.0	0.0	7.7
28	17.0	31.0	24.2	61.4	16.824	14.7	0.0	0.0	0.0	10.0
29	17.8	32.0	24.5	58.7	16.569	14.4	0.0	0.0	0.0	10.2
30	17.6	31.3	23.9	64.4	18.014	15.8	0.0	0.0	0.0	10.1
31	19.8	30.6	24.5	69.9	21.000	18.3	0.0	0.0	0.0	5.0
PROM.	17.3	29.6	23.1	71.0	19.086	16.7	9.6	55.7	65.3	225.5

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.2	33.0	25.3	59.8	17.311	15.1	0.0	0.0	0.0	10.8
2	17.5	33.4	25.5	52.4	15.438	13.3	0.0	0.0	0.0	10.1
3	19.0	30.0	23.8	61.6	17.949	15.8	0.0	0.0	0.0	2.5
4	17.0	32.5	25.4	58.3	16.883	14.8	0.0	0.0	0.0	9.1
5	18.6	32.4	24.9	59.2	17.318	15.2	0.0	0.0	0.0	6.9
6	18.1	32.2	24.1	62.4	17.555	15.3	0.0	0.0	0.0	8.6
7	18.7	30.8	23.6	71.6	20.160	17.6	0.0	0.0	0.0	4.4
8	18.9	31.8	25.0	63.6	18.476	15.9	0.0	0.0	0.0	5.5
9	17.5	30.6	24.7	58.1	16.798	14.8	0.0	0.0	0.0	5.5
10	17.8	31.4	25.8	58.2	17.309	15.1	0.0	0.0	0.0	9.1
11	19.4	31.0	24.5	66.0	19.494	17.1	0.0	0.0	0.0	6.2
12	18.0	29.0	20.8	80.8	20.187	17.6	6.9	0.9	7.8	4.3
13	16.0	24.5	19.9	82.1	18.633	16.4	0.0	0.0	0.0	0.0
14	17.0	28.4	20.7	78.7	18.884	16.5	4.1	0.3	4.4	4.8
15	15.9	30.2	22.8	69.8	18.049	15.8	0.0	0.0	0.0	7.5
16	18.1	30.0	24.2	68.1	19.555	17.1	0.0	0.0	0.0	7.5
17	19.0	26.5	22.6	79.9	21.755	18.8	0.0	0.0	0.0	1.0
18	17.4	32.2	24.6	65.0	18.613	16.4	0.0	0.4	0.4	10.2
19	18.0	32.4	23.8	74.5	20.957	18.1	1.0	0.0	1.0	8.5
20	18.1	32.6	25.7	62.8	18.799	16.4	0.0	0.0	0.0	9.7
21	19.6	32.8	25.3	62.7	18.745	16.3	0.0	0.0	0.0	9.5
22	18.7	32.6	26.0	54.5	16.357	14.0	0.0	0.0	0.0	9.8
23	18.9	34.5	26.9	54.3	17.388	15.2	0.0	0.0	0.0	10.4
24	18.1	33.8	26.1	56.0	17.388	15.3	0.0	0.0	0.0	6.8
25	18.5	33.8	26.0	58.8	18.620	16.4	0.0	0.0	0.0	9.4
26	17.9	35.3	27.2	51.4	16.305	14.3	0.0	0.0	0.0	10.0
27	19.9	34.8	27.7	53.1	17.320	14.9	0.0	0.0	0.0	8.4
28	19.3	34.6	26.4	63.4	20.122	17.5	0.0	0.0	0.0	8.0
PROM.	18.2	31.7	24.6	63.8	18.299	16.0	12.0	1.6	13.6	204.5

ESTACION: RAFAEL ESCOBAR

MUNICIPIO: SUPIA

AÑO: 1.987

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	19.2	33.0	27.0	54.7	17.915	15.6	0.0	0.0	0.0	7.0
2	20.0	32.1	25.3	62.7	18.898	16.5	1.7	0.0	1.7	5.5
3	18.1	34.5	26.0	61.2	18.473	16.2	0.0	0.0	0.0	10.3
4	19.0	24.0	21.2	89.6	22.715	19.5	0.0	0.0	0.0	0.0
5	17.6	32.3	24.1	69.5	19.558	17.0	0.0	14.6	14.6	6.9
6	16.0	30.8	21.1	76.1	18.406	16.1	6.0	0.0	6.0	6.9
7	16.6	31.0	24.1	65.2	18.046	15.8	0.0	0.0	0.0	6.6
8	17.0	28.8	22.3	71.0	18.359	16.1	0.0	0.0	0.0	6.1
9	18.2	20.5	18.9	93.4	20.336	17.8	1.8	0.0	1.8	0.0
10	16.8	30.0	23.5	60.7	15.942	13.8	0.0	0.0	0.0	7.8
11	17.5	29.4	23.8	61.2	16.888	14.8	0.0	0.0	0.0	6.9
12	17.2	31.8	23.8	58.5	15.687	13.5	0.0	1.8	1.8	9.2
13	17.8	28.6	21.5	77.8	19.661	17.2	16.5	0.0	16.5	1.8
14	16.8	29.5	23.6	67.7	18.521	16.3	0.0	0.0	0.0	5.7
15	17.9	31.5	24.7	59.5	17.291	15.1	0.0	16.9	16.9	6.6
16	17.4	27.6	21.9	82.7	21.395	18.6	0.0	0.0	0.0	0.8
17	16.7	29.6	24.1	67.9	19.202	16.8	0.0	0.0	0.0	6.6
18	18.5	30.4	24.5	65.3	18.662	16.3	0.0	0.0	0.0	6.5
19	18.9	30.6	24.8	65.9	19.875	17.4	0.0	0.0	0.0	4.5
20	18.2	34.0	26.4	56.0	17.076	14.9	0.0	0.0	0.0	10.4
21	19.6	31.5	23.6	72.0	20.705	18.0	5.8	0.0	5.8	3.2
22	17.2	31.4	25.6	59.3	17.994	15.8	0.0	0.0	0.0	6.0
23	19.3	31.2	24.4	68.0	20.144	17.5	0.0	0.0	0.0	4.4
24	19.8	31.8	24.5	68.2	20.244	17.6	0.0	25.5	25.5	6.5
25	17.2	33.0	25.4	68.0	20.481	17.8	0.0	12.0	12.0	9.7
26	17.9	29.4	23.3	72.2	19.718	17.3	0.0	0.0	0.0	5.0
27	18.4	29.0	23.3	72.0	19.931	17.4	0.3	8.4	8.7	2.4
28	18.5	29.6	23.9	72.8	20.795	18.1	0.0	5.6	5.6	3.7
29	18.1	31.8	25.0	68.8	20.371	17.7	0.0	2.8	2.8	8.2
30	18.4	30.8	23.4	73.0	20.529	17.9	0.0	8.1	8.1	6.9
31	17.3	29.4	23.1	73.7	20.091	17.5	0.0	40.5	40.5	6.1
PROM.	18.0	30.3	23.8	68.9	19.158	16.7	32.1	136.2	168.3	178.4

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	27.5	22.7	74.7	19.986	17.5	0.3	10.6	10.9	5.8
2	17.9	24.4	19.6	94.3	21.553	18.7	8.5	0.0	8.5	0.3
3	17.4	24.0	20.1	86.2	20.184	17.6	1.6	0.8	2.4	0.2
4	16.9	29.0	22.8	72.8	19.344	17.0	0.0	0.4	0.4	6.0
5	17.8	27.0	21.6	78.8	19.958	17.4	9.0	0.0	9.0	3.2
6	16.7	29.8	23.7	69.5	19.499	17.1	0.0	0.0	0.0	7.7
7	18.7	31.0	24.7	69.3	20.697	18.1	0.0	4.6	4.6	5.0
8	18.5	28.0	22.5	81.2	22.019	19.0	3.0	0.0	3.0	1.5
9	17.2	29.0	23.4	69.4	18.866	16.5	0.0	0.1	0.1	9.5
10	18.5	28.8	23.0	76.5	20.961	18.2	1.7	0.0	1.7	5.8
11	18.0	30.0	24.5	71.8	21.084	18.3	0.0	0.0	0.0	7.4
12	17.2	32.8	24.6	61.1	17.125	14.9	0.0	0.0	0.0	9.7
13	18.1	31.4	24.3	64.4	19.232	16.9	0.0	0.0	0.0	6.2
14	17.5	31.2	24.7	64.3	18.811	16.5	0.0	0.0	0.0	7.6
15	19.4	31.6	25.4	62.9	19.327	16.9	0.0	0.0	0.0	9.6
16	18.5	31.3	25.0	65.0	19.650	17.2	0.0	0.0	0.0	8.6
17	19.3	31.8	25.5	66.3	20.500	17.8	0.0	8.0	8.0	9.2
18	17.4	29.6	23.7	71.4	20.181	17.6	0.3	0.0	0.3	6.2
19	17.4	32.4	25.0	58.8	17.968	15.8	0.0	0.0	0.0	6.2
20	18.1	30.6	24.7	67.5	20.317	17.8	0.0	0.0	0.0	1.1
21	18.3	29.8	24.2	73.5	21.575	18.7	0.0	0.0	0.0	6.3
22	18.4	27.7	24.0	72.5	21.111	18.4	0.0	0.0	0.0	1.9
23	18.2	28.5	24.0	77.4	22.595	19.4	0.0	8.3	8.3	0.5
24	18.0	25.2	21.1	85.8	21.550	18.7	1.3	24.1	25.4	0.0
25	17.0	26.4	21.5	82.2	20.894	18.2	3.2	5.1	8.3	1.6
26	17.9	27.0	20.6	83.7	20.738	18.1	6.4	0.0	6.4	1.5
27	16.6	29.2	22.8	69.0	18.435	16.2	0.0	9.1	9.1	6.9
28	17.7	26.8	21.7	81.5	20.515	17.9	0.0	0.2	0.2	1.9
29	17.5	28.8	23.3	71.0	19.455	17.0	0.0	0.1	0.1	5.0
30	18.4	26.3	21.6	79.4	20.249	17.7	0.0	9.7	9.7	2.0
PROM.	17.9	28.9	23.2	73.4	20.146	17.6	35.3	81.1	116.4	144.4

ESTACION: RAFAEL ESCOBAR

MUNICIPIO: SUPIA

AÑO: 1.987

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	17.8	22.2	19.9	90.4	20.906	18.2	0.6	0.1	0.7	0.0
2	17.6	28.0	22.3	71.4	18.486	16.2	0.0	53.6	53.6	5.4
3	15.5	28.6	22.2	70.7	17.834	15.6	0.0	4.7	4.7	7.1
4	17.8	26.4	21.3	81.8	20.458	17.8	0.5	4.5	5.0	3.2
5	17.0	27.8	21.5	72.5	17.949	15.8	0.0	0.5	0.5	6.4
6	17.4	27.2	21.5	74.6	18.902	16.6	3.7	0.3	4.0	5.2
7	18.4	28.4	23.2	70.0	19.214	16.8	0.1	0.0	0.1	6.3
8	18.2	28.8	24.0	69.5	19.961	17.4	0.0	0.7	0.7	9.8
9	18.9	29.8	24.0	69.7	20.058	17.5	0.0	0.6	0.6	6.6
10	19.2	28.5	23.6	71.9	20.349	17.8	0.0	0.0	0.0	5.9
11	17.4	31.0	24.6	64.0	18.193	16.0	0.0	0.0	0.0	9.8
12	19.0	29.4	24.2	69.1	20.091	17.4	0.0	0.0	0.0	5.5
13	18.7	29.2	24.4	67.7	20.084	17.6	0.0	0.0	0.0	5.9
14	19.8	30.2	23.3	76.0	21.440	18.6	0.9	0.5	1.4	5.8
15	19.5	28.4	23.6	70.3	19.871	17.3	0.0	27.2	27.2	6.4
16	18.1	25.4	21.2	81.6	20.316	17.8	0.3	6.4	6.7	1.6
17	17.6	28.8	22.6	75.6	20.151	17.6	0.0	1.4	1.4	5.4
18	17.7	27.4	22.4	75.1	19.938	17.5	0.0	0.0	0.0	0.9
19	18.0	28.7	24.2	71.4	20.668	18.0	0.0	0.0	0.0	6.3
20	19.0	28.6	21.2	75.6	19.219	16.8	28.1	0.2	28.3	3.4
21	17.5	25.6	21.5	82.3	20.669	18.0	1.7	4.2	5.9	0.7
22	18.1	27.0	21.8	75.5	19.343	16.9	0.3	9.7	10.0	4.9
23	17.5	27.5	21.0	85.0	21.001	18.3	0.8	1.4	2.2	4.2
24	17.0	25.3	20.5	81.1	19.521	17.1	7.4	0.0	7.4	1.8
25	16.8	29.3	23.2	70.2	19.218	16.8	0.0	2.5	2.5	9.4
26	18.8	27.2	21.3	81.0	20.433	17.8	13.3	25.7	39.0	3.3
27	16.8	26.6	22.0	77.3	19.686	17.2	0.0	0.0	0.0	6.9
28	17.1	28.2	23.2	69.9	18.783	16.5	0.0	0.0	0.0	10.1
29	18.0	28.6	24.1	69.1	20.231	17.7	0.0	0.0	0.0	7.1
30	18.5	29.8	24.4	70.1	20.691	18.1	0.0	0.0	0.0	10.4
31	18.8	30.0	23.1	75.6	21.016	18.2	3.5	0.0	3.5	5.5
PROM.	18.0	28.0	22.6	74.4	19.828	17.3	61.2	144.2	205.4	171.2

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	27.0	21.7	84.0	21.697	18.8	0.0	0.0	0.0	4.4
2	17.9	29.8	23.8	68.1	19.185	16.8	0.0	0.0	0.0	6.7
3	18.0	28.3	23.5	72.3	20.242	17.7	0.0	0.0	0.0	5.4
4	18.4	28.2	23.1	68.7	18.778	16.4	0.0	50.7	50.7	4.3
5	17.3	27.4	20.5	84.9	20.403	17.8	2.8	0.0	2.8	1.5
6	17.4	25.3	21.6	79.6	20.244	17.7	0.0	0.0	0.0	0.4
7	17.8	27.8	22.1	72.7	18.983	16.7	0.0	0.0	0.0	4.8
8	16.8	29.4	22.6	72.6	19.314	16.9	0.0	0.0	0.0	7.6
9	18.5	29.0	23.6	72.2	20.470	17.9	0.0	0.0	0.0	8.9
10	17.2	30.8	25.0	60.5	17.863	15.7	0.0	0.9	0.9	2.0
11	18.8	27.0	21.4	78.6	20.089	17.6	0.4	0.0	0.4	7.1
12	17.4	28.8	22.8	73.0	19.850	17.4	0.1	0.0	0.1	0.0
13	19.0	25.2	21.9	84.7	22.067	19.1	0.0	0.0	0.0	0.0
14	18.9	25.4	21.9	83.6	21.840	18.9	0.0	0.0	0.0	0.5
15	18.1	28.6	23.6	70.1	19.514	17.1	0.0	0.0	0.0	8.8
16	19.0	29.3	24.3	67.7	19.825	17.4	0.0	0.0	0.0	5.2
17	19.9	29.1	24.4	66.9	19.784	17.3	0.0	0.1	0.1	7.6
18	19.0	28.8	23.8	73.2	20.923	18.2	0.0	0.0	0.0	3.0
19	17.2	29.4	24.3	66.7	19.223	16.8	0.0	0.1	0.1	9.5
20	19.6	28.0	22.9	76.0	20.872	18.1	0.0	0.0	0.0	1.0
21	19.2	30.8	23.0	73.8	20.548	17.9	2.7	0.0	2.7	9.4
22	18.3	30.1	24.3	67.2	19.461	17.0	0.0	0.3	0.3	7.5
23	19.4	28.8	24.5	68.3	20.424	17.8	0.0	11.4	11.4	4.1
24	17.1	27.6	22.3	75.0	19.589	17.2	0.0	0.0	0.0	5.5
25	18.0	29.2	23.6	70.9	19.947	17.5	0.0	0.0	0.0	4.8
26	18.2	29.4	23.4	68.2	18.861	16.5	0.2	0.0	0.2	4.2
27	17.5	30.2	22.6	72.6	19.422	17.0	6.3	0.0	6.3	7.9
28	17.4	30.0	23.7	65.7	18.391	16.1	0.0	0.0	0.0	10.1
29	17.0	28.5	23.1	63.8	17.380	15.2	0.0	0.0	0.0	4.5
30	17.5	29.4	23.8	67.7	18.906	16.6	0.0	0.0	0.0	8.8
PROM.	18.1	28.6	23.1	72.3	19.803	17.3	12.5	63.5	76.0	162.8

ESTACION: RAF AEL ESCOBAR

MUNICIPIO: SUPIA

AÑO:

1.987

ALTITUD: 1.320

LATITUD: 5-28 N.

LONGITUD: 75-39 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.7	28.6	23.5	67.0	18.984	16.6	0.0	0.0	0.0	2.4
2	18.5	29.8	24.3	65.1	18.776	16.4	0.0	0.0	0.0	9.3
3	19.7	27.2	22.1	80.9	21.753	18.9	0.2	0.0	0.2	3.3
4	17.1	28.6	22.7	76.7	20.636	17.9	2.1	0.3	2.4	4.7
5	17.3	27.4	22.1	77.5	20.076	17.5	0.4	0.0	0.4	4.5
6	16.9	30.8	24.2	64.6	18.129	15.9	0.0	0.4	0.4	7.7
7	19.6	30.2	23.8	69.4	19.721	17.2	0.0	0.0	0.0	6.6
8	18.6	29.8	24.6	67.7	19.895	17.4	0.0	0.0	0.0	4.5
9	18.9	30.4	24.7	65.0	19.152	16.7	0.0	0.0	0.0	5.5
10	18.3	29.8	24.8	60.2	17.296	15.0	0.0	0.0	0.0	8.4
11	18.0	31.2	24.6	62.9	18.570	16.3	0.0	0.0	0.0	8.4
12	18.2	30.3	24.7	59.0	17.358	15.2	0.0	0.0	0.0	9.4
13	18.0	31.4	24.7	61.7	17.909	15.7	0.0	1.5	1.5	8.2
14	18.0	30.4	23.5	71.1	19.813	17.2	0.0	0.3	0.3	5.5
15	18.4	31.5	23.0	75.0	20.516	17.8	5.7	0.0	5.7	6.3
16	18.0	29.3	24.2	64.3	18.260	16.0	0.0	0.3	0.3	6.0
17	18.5	24.8	21.5	84.5	21.483	18.6	0.1	14.9	15.0	0.9
18	17.6	27.4	21.9	75.1	18.989	16.7	4.9	0.0	4.9	3.4
19	17.4	31.4	22.8	64.0	17.051	14.9	1.0	0.0	1.0	7.5
20	16.8	29.6	23.7	66.5	18.287	16.0	0.0	0.0	0.0	7.3
21	17.0	30.8	24.7	60.1	16.946	14.8	0.0	4.8	4.8	7.8
22	16.4	29.0	23.1	67.2	18.015	15.8	0.0	0.0	0.0	5.8
23	17.2	29.8	24.1	68.0	19.394	17.0	0.0	38.9	38.9	6.7
24	17.0	28.8	22.1	77.3	20.189	17.6	1.1	37.7	38.8	5.5
25	16.6	28.0	22.8	71.5	19.051	16.8	0.0	1.5	1.5	6.8
26	16.5	26.8	22.1	76.4	19.843	17.3	0.1	0.2	0.3	2.6
27	18.0	26.6	22.0	76.5	19.921	17.4	0.0	3.4	3.4	1.4
28	17.4	28.1	23.0	70.8	18.989	16.6	0.0	0.0	0.0	6.4
29	18.4	28.4	22.9	74.6	20.244	17.7	0.0	81.4	81.4	2.6
30	16.6	28.2	22.9	69.3	18.338	16.0	0.0	8.5	8.5	7.9
31	17.5	25.4	21.8	77.7	19.646	17.2	0.0	22.2	22.2	3.6
PROM.	17.8	29.0	23.3	69.9	19.136	16.7	15.6	216.3	231.9	176.9

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	17.4	25.6	21.3	73.9	18.242	16.0	0.0	1.7	1.7	3.4
2	17.3	25.5	19.7	83.4	18.947	16.6	10.0	69.2	79.2	2.3
3	17.0	26.0	21.1	81.5	19.940	17.5	0.1	0.0	0.1	4.6
4	17.8	23.6	23.1	67.0	18.132	16.0	0.0	14.1	14.1	8.2
5	16.6	28.4	22.6	70.5	18.506	16.3	0.0	0.6	0.6	7.7
6	18.4	27.7	22.6	73.0	19.375	17.0	0.0	0.0	0.0	7.2
7	18.2	29.8	23.8	67.3	18.784	16.4	0.0	2.8	2.8	10.3
8	19.3	26.8	22.9	69.9	18.946	16.6	0.3	0.0	0.3	3.6
9	18.4	29.8	22.4	72.4	19.041	16.7	0.2	0.0	0.2	7.4
10	17.8	26.8	22.2	75.9	19.910	17.4	0.2	0.0	0.2	4.3
11	17.7	27.8	21.5	79.8	20.307	17.7	0.0	0.8	0.8	3.1
12	17.6	26.8	22.1	72.4	18.608	16.3	0.0	1.0	1.0	7.0
13	17.8	26.4	21.9	74.8	19.149	16.8	0.0	0.0	0.0	3.2
14	16.1	30.8	23.8	58.0	15.739	13.8	0.0	0.0	0.0	9.6
15	16.8	30.0	23.6	57.6	16.071	14.0	0.0	0.0	0.0	8.7
16	17.4	29.5	23.5	65.7	18.334	16.1	0.0	0.0	0.0	4.6
17	17.9	26.8	22.4	73.8	19.388	17.0	0.0	0.0	0.0	2.5
18	18.6	28.0	22.5	72.8	19.480	17.1	0.0	0.0	0.0	3.3
19	18.4	29.6	24.6	62.3	18.125	15.9	0.0	0.0	0.0	7.9
20	17.9	29.8	23.3	72.1	19.695	17.0	4.6	0.0	4.6	7.4
21	17.8	30.0	23.9	64.7	18.111	15.9	0.0	0.0	0.0	8.2
22	19.0	30.4	24.5	64.4	18.778	16.4	0.0	0.0	0.0	8.2
23	18.6	31.5	25.4	60.0	18.124	15.9	0.0	0.6	0.6	9.4
24	18.5	29.6	23.9	68.9	19.455	17.0	0.0	0.0	0.0	8.6
25	18.2	31.6	25.0	56.3	16.826	14.8	0.0	0.0	0.0	9.2
26	17.9	29.5	24.3	60.7	17.490	15.4	0.0	0.1	0.1	5.2
27	18.9	27.6	21.5	72.0	18.386	16.1	5.0	0.0	5.0	4.6
28	18.4	28.4	22.9	69.3	18.659	16.4	0.0	0.0	0.0	4.6
29	17.4	31.0	23.7	66.1	18.002	15.7	0.0	0.0	0.0	8.2
30	17.6	29.8	24.1	64.5	18.433	16.2	0.0	2.1	2.1	7.2
31	17.0	29.6	22.9	72.8	19.194	16.7	0.1	0.2	0.3	7.5
PROM.	17.9	28.7	23.0	69.2	18.586	16.3	20.5	93.2	113.7	197.8

ESTACION: RAFAEL ESCOBAR

MUNICIPIO: SUPIA

AÑO: 1.987

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	18.0	28.0	22.8	74.3	19.986	17.4	0.3	0.0	0.3	4.3
2	16.6	29.6	22.8	69.4	18.388	16.1	0.1	5.6	5.7	6.6
3	17.8	26.4	21.1	83.2	20.835	18.1	3.1	0.7	3.8	0.6
4	18.5	27.8	22.1	78.9	20.521	17.8	0.4	18.1	18.5	3.3
5	16.8	24.8	20.9	79.5	19.223	16.9	2.7	0.0	2.7	2.1
6	17.2	29.6	23.0	71.6	19.261	16.8	0.0	4.7	4.7	7.8
7	17.4	28.4	23.6	70.7	19.369	16.9	0.0	7.5	7.5	7.9
8	17.7	27.8	22.6	77.2	20.640	18.0	0.0	0.0	0.0	5.3
9	18.8	27.4	23.3	70.9	19.593	17.1	0.0	1.1	1.1	3.7
10	18.0	28.8	23.1	71.6	19.320	16.8	0.0	0.0	0.0	7.6
11	16.4	30.4	22.1	72.3	18.572	16.3	3.8	1.4	5.2	9.5
12	17.6	31.0	23.7	62.9	17.250	15.2	0.0	0.0	0.0	9.8
13	18.6	30.0	24.5	61.5	18.112	15.9	0.0	20.0	20.0	6.9
14	17.4	26.4	22.2	76.4	19.700	17.2	0.6	3.4	4.0	3.7
15	18.4	28.4	22.5	71.4	18.779	16.4	3.8	0.0	3.8	5.1
16	17.8	30.4	24.1	64.9	18.289	16.1	0.0	2.9	2.9	8.2
17	18.6	30.0	23.6	65.4	18.232	16.0	0.0	0.0	0.0	7.7
18	19.3	29.5	23.7	57.8	16.799	14.8	0.0	0.8	0.8	6.4
19	18.5	29.9	24.7	67.5	19.611	17.2	0.0	1.5	1.5	10.2
20	18.4	28.3	20.6	74.8	17.929	15.7	22.9	24.7	47.6	8.0
21	17.4	26.5	21.4	72.1	17.733	15.5	0.0	0.0	0.0	5.8
22	16.6	27.6	23.2	64.2	17.509	15.4	0.0	0.0	0.0	3.0
23	18.0	27.3	22.6	72.3	19.235	16.9	0.0	0.0	0.0	2.9
24	18.4	28.4	22.4	67.6	17.919	15.7	0.0	1.5	1.5	6.4
25	17.8	25.0	20.7	82.2	20.106	17.6	0.3	0.0	0.3	1.4
26	17.2	29.6	23.3	70.8	19.445	17.1	0.0	0.0	0.0	6.7
27	17.8	30.1	23.7	66.5	18.312	16.1	0.0	0.0	0.0	6.6
28	18.4	28.3	21.1	78.2	20.093	17.6	21.3	1.5	22.8	1.6
29	15.9	27.8	22.5	67.0	17.268	15.2	0.0	31.4	31.4	5.3
30	17.3	23.4	19.8	79.1	18.054	15.8	0.8	0.0	0.8	0.4
PROM.	17.8	28.2	22.6	71.4	18.869	16.5	60.1	126.8	186.9	164.8

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.7	27.8	21.3	71.1	17.364	15.3	0.2	4.4	4.6	5.4
2	17.3	28.0	21.9	74.6	19.158	16.8	0.0	1.4	1.4	1.9
3	17.7	27.8	21.1	76.6	18.770	16.5	0.9	0.0	0.9	3.2
4	17.6	28.0	22.3	76.1	20.016	17.4	0.0	0.0	0.0	2.8
5	17.6	27.0	21.5	75.7	18.939	16.6	14.3	3.5	17.8	2.9
6	16.8	26.8	22.1	79.0	20.526	17.9	0.2	0.0	0.2	4.5
7	18.2	27.0	21.8	81.3	20.892	18.2	0.0	12.0	12.0	1.9
8	18.4	26.4	21.0	81.0	20.000	17.5	8.4	31.9	40.3	3.1
9	16.9	26.0	21.1	77.3	18.989	16.7	0.0	0.0	0.0	1.1
10	17.2	28.6	22.9	71.1	18.926	16.5	0.0	0.0	0.0	5.0
11	18.2	23.6	19.7	88.7	20.260	17.7	0.5	0.0	0.5	0.2
12	16.1	27.8	21.4	73.8	18.098	15.9	0.0	0.0	0.0	5.8
13	17.0	29.0	21.5	76.1	18.981	16.6	0.9	15.9	16.8	5.1
14	17.6	28.6	22.5	77.4	20.608	18.0	0.0	50.4	50.4	4.2
15	17.7	29.6	22.8	72.0	19.183	16.7	0.0	2.2	2.2	6.0
16	17.4	28.2	22.0	81.5	21.222	18.4	1.9	6.3	8.2	5.7
17	18.0	24.0	20.8	80.6	19.606	17.2	3.3	0.0	3.3	0.0
18	18.4	26.2	21.4	78.8	19.745	17.2	0.0	0.0	0.0	0.6
19	18.3	25.8	21.7	82.1	21.040	18.3	0.2	0.0	0.2	2.9
20	17.6	29.5	23.3	70.6	19.854	17.3	0.0	55.9	55.9	6.8
21	17.6	25.4	20.7	79.8	19.215	16.9	0.0	0.3	0.3	3.2
22	17.4	28.6	22.6	73.7	18.983	16.6	0.0	0.0	0.0	4.9
23	18.0	28.0	21.5	70.6	18.744	16.4	6.6	0.0	6.6	4.6
24	17.3	27.4	20.5	82.6	19.959	17.4	8.3	7.8	16.1	4.0
25	16.8	25.2	21.0	82.6	20.311	17.7	0.0	27.1	27.1	2.4
26	17.3	28.2	22.4	77.7	20.401	17.7	0.1	17.0	17.1	5.9
27	18.4	26.8	21.2	81.1	20.384	17.8	2.5	18.9	21.4	2.8
28	17.6	20.6	18.7	89.8	19.497	17.1	11.6	2.8	14.4	0.0
29	17.0	26.5	21.9	72.2	18.432	16.2	0.0	10.2	10.2	3.9
30	17.5	26.5	20.8	76.9	18.378	16.0	0.0	0.0	0.0	4.1
31	17.5	27.5	21.1	77.1	18.943	16.5	0.2	5.6	5.8	5.6
PROM.	17.5	27.0	21.5	77.7	19.530	17.1	60.1	273.6	333.7	110.5

ESTACION: RAFAEL ESCOBAR

MUNICIPIO: SUPIA

AÑO:

1.987

ALTITUD: 1.320

LATITUD: 5-28 N.

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	16.9	27.4	21.2	68.5	16.507	14.4	0.0	0.0	0.0	5.0
2	17.7	27.8	21.6	73.8	18.673	16.3	0.2	7.9	8.1	6.4
3	18.0	28.6	21.8	75.0	19.133	16.7	0.0	0.0	0.0	5.0
4	17.3	28.5	21.6	80.1	20.388	17.8	0.1	0.1	0.2	3.8
5	17.5	28.8	23.0	71.6	19.274	16.8	0.1	0.0	0.1	8.2
6	17.8	28.5	23.3	74.3	20.829	18.1	0.0	0.0	0.0	6.7
7	18.3	29.3	22.9	70.9	18.977	16.5	0.0	0.0	0.0	6.9
8	17.4	28.8	22.7	70.2	18.431	16.1	0.0	0.0	0.0	9.5
9	17.3	30.2	23.4	69.8	19.240	16.9	0.0	0.0	0.0	10.0
10	17.6	30.0	23.7	68.1	19.372	17.0	0.0	0.2	0.2	9.3
11	17.8	30.1	23.6	68.6	19.434	17.0	0.0	0.0	0.0	9.6
12	17.3	29.4	23.6	68.6	19.189	16.9	0.0	0.0	0.0	8.5
13	18.4	28.5	22.6	74.5	19.902	17.4	0.0	0.0	0.0	5.5
14	18.6	28.8	21.8	76.0	19.664	17.2	0.0	9.5	9.5	3.4
15	18.0	28.4	22.3	75.7	20.023	17.5	0.0	0.0	0.0	4.4
16	18.4	29.3	23.1	73.2	20.069	17.5	0.0	0.0	0.0	7.0
17	17.4	28.0	22.9	75.6	20.630	18.0	0.0	0.0	0.0	6.8
18	18.5	28.8	21.7	79.5	20.848	18.1	0.0	18.1	18.1	2.4
19	18.6	26.7	21.4	80.1	20.241	17.7	0.2	0.9	1.1	3.4
20	17.8	26.8	20.7	79.6	19.600	17.2	3.6	0.1	3.7	3.4
21	17.1	25.5	19.6	82.4	18.856	16.5	14.7	0.1	14.8	2.0
22	16.1	29.0	22.2	69.1	17.642	15.5	0.0	0.0	0.0	9.2
23	16.2	30.0	23.9	65.5	18.723	16.5	0.0	33.7	33.7	10.1
24	18.4	29.4	23.6	75.0	21.194	18.4	0.0	4.6	4.6	5.1
25	17.5	24.4	20.1	84.1	19.614	17.2	1.7	0.0	1.7	1.2
26	16.9	24.3	19.9	84.6	19.606	17.2	1.6	1.5	3.1	2.8
27	16.4	26.4	20.7	78.2	18.625	16.2	4.3	0.0	4.3	4.4
28	16.0	28.4	22.3	71.5	18.608	16.3	0.0	0.0	0.0	9.6
29	17.6	29.4	23.8	70.4	19.777	17.2	0.0	1.3	1.3	7.4
30	18.0	22.7	18.7	96.1	21.028	18.3	4.0	0.0	4.0	0.4
PROM.	17.6	28.1	22.1	75.0	19.470	17.0	30.5	78.0	108.5	177.4

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.9	27.7	20.4	79.6	18.661	16.4	9.5	37.6	47.1	5.8
2	15.4	24.3	20.9	78.1	18.770	16.5	0.1	0.2	0.3	0.8
3	17.0	26.9	21.6	72.7	18.272	16.0	0.0	2.0	2.0	7.0
4	17.6	26.5	21.7	75.4	19.090	16.7	0.8	34.3	35.1	4.6
5	16.9	28.0	21.0	78.0	19.032	16.7	2.1	30.5	32.6	6.2
6	14.7	27.4	21.1	73.4	17.549	15.4	0.0	4.0	4.0	8.7
7	17.9	27.9	22.0	78.4	20.555	17.9	0.0	0.0	0.0	4.7
8	17.2	28.4	22.6	72.1	19.391	17.0	0.0	0.0	0.0	7.7
9	17.4	28.3	22.6	71.0	18.663	16.3	0.0	0.0	0.0	8.5
10	18.2	27.9	21.8	76.2	19.473	17.0	0.0	0.0	0.0	3.4
11	18.0	28.8	22.8	71.6	19.301	16.9	0.0	1.2	1.2	7.5
12	18.0	29.7	23.7	72.0	20.291	17.7	0.0	0.0	0.0	8.6
13	17.2	29.2	23.4	73.6	20.563	17.9	0.0	0.1	0.1	6.8
14	18.8	28.4	23.7	71.0	20.114	17.6	0.0	0.0	0.0	6.8
15	19.5	30.8	24.1	66.8	18.644	15.9	0.0	0.0	0.0	8.1
16	17.8	30.5	23.3	66.3	18.208	16.0	0.0	0.0	0.0	9.9
17	15.3	30.0	22.3	61.6	15.749	13.8	0.0	0.0	0.0	10.0
18	15.7	29.9	22.6	65.5	17.027	15.0	0.0	0.0	0.0	10.0
19	16.0	29.4	23.3	72.2	19.787	17.3	0.0	0.0	0.0	9.5
20	17.2	30.3	22.9	67.7	18.202	15.9	0.0	0.0	0.0	5.8
21	15.7	32.5	23.0	44.8	12.073	9.7	0.0	0.0	0.0	9.7
22	16.2	30.9	23.4	53.5	14.698	12.7	0.0	0.0	0.0	10.0
23	16.5	30.9	24.4	50.5	13.620	11.4	0.0	0.0	0.0	10.1
24	16.0	30.5	24.0	50.3	13.580	11.4	0.0	0.0	0.0	9.1
25	16.2	31.0	24.1	62.1	17.233	15.1	0.0	0.0	0.0	10.0
26	18.2	28.5	23.3	73.0	20.717	18.0	0.0	0.0	0.0	2.1
27	17.3	30.5	23.7	62.0	17.037	14.9	0.0	0.4	0.4	7.0
28	18.2	27.2	22.8	72.8	19.765	17.3	0.0	1.5	1.5	2.1
29	18.7	27.2	20.8	78.8	19.403	16.9	22.2	14.4	36.6	1.7
30	17.7	29.6	22.3	73.7	19.361	17.0	0.0	0.0	0.0	6.3
31	17.0	31.4	23.2	67.6	18.392	16.2	0.0	0.0	0.0	6.7
PROM.	17.0	29.0	22.7	68.8	18.168	15.8	34.7	126.2	160.9	215.2

ESTACION: RAFAEL ESCOBAR

MUNICIPIO SUPIA

AÑO 1.987

ALTITUD: 1.320

LATITUD: 5-28 N.

LONGITUD 75-39 W.

MESES	TEMPERATURA °C					Humedad relativa o/g	Tension vapor mb.	Punto rocio °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias Huevas	
ENERO	17.3	29.6	23.1	15.4	32.5	71.0	19.086	16.7	65.3	9	225.9
FEBRERO	18.2	31.7	24.6	15.9	35.3	63.8	18.299	16.0	13.6	4	204.5
MARZO	18.0	30.3	23.8	16.0	34.5	68.9	19.158	16.7	168.3	15	178.4
ABRIL	17.9	28.9	23.2	16.6	32.8	73.4	20.146	17.6	116.4	19	144.4
MAYO	18.0	28.0	22.6	15.5	31.0	74.4	19.828	17.3	205.4	21	171.2
JUNIO	18.1	28.6	23.1	16.8	30.8	72.3	19.803	17.3	76.0	12	162.8
JULIO	17.8	29.0	23.3	16.4	31.5	69.9	19.136	16.7	231.9	20	176.9
AGOSTO	17.9	28.7	23.0	16.1	31.6	69.2	18.586	16.3	113.7	17	197.8
SEPTIEMBRE	17.8	28.2	22.6	15.9	31.0	71.4	18.869	16.5	186.9	21	164.8
OCTUBRE	17.5	27.0	21.5	15.7	29.6	77.7	19.530	17.1	333.7	24	110.5
NOVIEMBRE	17.6	28.1	22.1	16.0	30.2	75.0	19.470	17.0	108.5	16	177.4
DIEMBRE	17.0	29.0	22.7	14.7	32.5	68.8	18.168	15.8	160.9	11	215.2
PROMEDIO	17.8	28.9	23.0	15.9	31.9	71.3	19.173	16.8			
TOTAL									1780.6	189	2129.8

ESTACION: SANTA ELENA MUNICIPIO: MARQUETALIA AÑO: 1.987
 ALTITUD: 1.450 LATITUD: 5-18 N. LONGITUD: 75-09 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	20.5	18.7	93.2	19.988	17.5	0.0	0.0	0.0	1.7
2	16.8	21.5	19.2	92.5	20.595	18.0	6.1	58.1	64.2	3.5
3	17.5	22.0	20.5	84.9	20.088	17.6	0.0	0.0	0.0	3.0
4	17.5	24.5	20.5	90.5	21.855	18.9	0.0	13.4	13.4	5.6
5	16.5	21.4	19.2	89.9	20.129	17.5	0.0	0.0	0.0	1.4
6	16.8	22.0	18.9	90.5	20.106	17.6	0.0	36.0	36.0	3.5
7	15.3	19.5	17.3	95.7	19.007	16.7	0.4	3.0	3.4	0.0
8	15.3	20.0	17.1	96.9	18.786	16.5	0.0	0.0	0.0	0.8
9	16.5	21.0	18.4	90.7	19.115	16.8	0.0	0.0	0.0	0.7
10	16.5	23.0	20.3	77.8	18.435	16.2	0.0	0.0	0.0	6.2
11	16.5	22.0	19.8	92.3	21.466	18.6	0.2	0.0	0.2	5.0
12	17.0	23.0	20.5	83.1	20.127	17.6	0.0	0.0	0.0	4.1
13	18.0	26.0	20.7	74.9	18.459	16.1	0.0	0.0	0.0	7.1
14	17.5	26.0	20.7	78.0	19.126	16.7	0.0	0.0	0.0	8.6
15	17.5	27.5	22.8	53.0	14.664	12.7	0.0	0.0	0.0	10.0
16	18.5	27.5	22.6	55.9	15.348	13.4	0.0	0.0	0.0	7.2
17	18.5	27.5	23.4	48.2	13.586	11.4	0.0	0.0	0.0	9.5
18	18.5	27.5	23.3	44.9	12.732	10.5	0.0	0.0	0.0	10.4
19	20.0	23.0	20.3	72.2	17.606	15.3	0.9	3.2	4.1	0.0
20	17.0	24.5	20.9	68.2	17.110	14.6	0.0	6.0	6.0	4.3
21	16.5	23.5	20.1	78.4	18.184	16.0	10.4	0.0	10.4	3.3
22	17.0	25.0	19.9	87.3	20.221	17.6	0.0	0.3	0.3	3.5
23	16.0	25.4	19.2	79.6	17.383	15.2	0.3	5.4	5.7	4.3
24	16.0	25.0	19.8	80.9	18.535	16.3	0.0	0.0	0.0	4.1
25	16.4	25.5	21.7	74.4	19.247	16.8	0.2	0.0	0.2	6.3
26	17.9	25.0	20.9	86.3	21.433	18.6	0.0	1.5	1.5	4.1
27	17.0	23.0	19.5	92.3	20.912	18.2	20.6	14.2	34.8	3.7
28	17.5	23.5	20.2	87.6	20.630	18.0	0.0	1.1	1.1	5.8
29	17.5	25.0	21.1	86.9	21.413	18.6	0.0	0.0	0.0	7.5
30	17.5	25.5	21.9	65.6	16.883	14.8	0.0	98.4	98.4	8.5
31	17.0	24.5	20.9	83.5	20.860	18.1	0.0	0.0	0.0	4.2
PROM.	17.1	23.9	20.3	79.9	18.840	16.4	39.1	240.6	279.7	147.9

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	18.5	25.0	22.2	80.1	21.026	18.2	0.0	0.0	0.0	6.9
2	17.8	27.0	22.9	53.6	14.512	12.4	0.0	0.0	0.0	9.9
3	17.0	25.6	22.1	61.7	16.371	14.3	3.2	0.0	3.2	0.3
4	17.0	25.6	21.9	74.5	19.838	17.0	0.0	2.1	2.1	7.6
5	18.5	25.5	21.7	69.8	18.681	15.6	0.0	51.4	51.4	4.4
6	17.0	24.0	21.1	82.7	20.502	17.9	0.0	0.0	0.0	5.0
7	18.0	26.0	22.8	56.2	15.283	13.3	0.0	0.8	0.8	6.7
8	16.5	23.0	20.2	89.0	20.680	17.9	0.0	0.0	0.0	0.4
9	16.5	23.5	19.7	84.6	19.473	17.1	0.0	0.4	0.4	1.4
10	16.5	22.0	18.9	94.2	20.611	18.0	0.9	10.6	11.5	0.4
11	17.5	23.0	20.5	80.3	19.216	16.9	0.0	0.0	0.0	1.2
12	17.5	25.5	20.5	72.0	17.279	15.1	0.0	17.7	17.7	4.6
13	16.0	21.5	18.1	86.7	17.829	15.7	15.8	0.0	15.8	0.0
14	17.0	21.0	18.9	89.3	19.519	17.1	0.0	0.0	0.0	0.6
15	17.0	25.0	21.7	68.0	17.364	15.3	0.0	0.0	0.0	8.9
16	17.5	24.0	21.5	77.4	19.660	17.2	8.0	0.2	8.2	3.9
17	18.0	24.0	20.7	85.9	20.926	18.2	2.5	21.3	23.8	2.8
18	18.0	25.0	20.8	84.9	20.865	18.2	0.0	1.8	1.8	6.1
19	18.0	23.5	20.4	89.5	21.469	18.6	0.0	0.0	0.0	1.8
20	18.0	26.0	22.2	72.4	18.896	16.6	0.0	0.2	0.2	6.7
21	18.0	27.0	22.0	81.1	21.224	18.3	0.0	1.7	1.7	8.6
22	17.4	25.3	21.8	82.1	21.102	18.3	0.3	48.7	49.0	3.6
23	16.3	26.3	22.8	56.1	15.070	12.9	0.0	0.0	0.0	8.4
24	17.0	25.4	22.6	52.2	13.984	11.9	0.0	0.0	0.0	8.7
25	18.0	25.0	21.3	62.1	15.615	13.6	0.0	0.0	0.0	5.9
26	19.0	27.3	24.2	48.1	14.338	12.3	0.0	0.0	0.0	8.2
27	20.0	28.0	23.9	56.2	16.457	14.4	0.0	0.0	0.0	9.8
28	19.0	28.5	24.5	49.0	14.431	12.4	0.0	0.0	0.0	10.8
PROM.	17.6	24.9	21.5	72.8	18.294	15.9	30.7	156.9	187.6	143.6

ESTACION: SANTA ELENA

MUNICIPIO: MARQUETALIA AÑO: 1.987

ALTITUD: 1.450

LATITUD: 5-18 N.

LONGITUD: 75-09 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	27.5	23.3	62.9	17.549	15.4	0.0	0.0	0.0	4.1
2	18.5	25.0	21.1	74.9	18.870	16.5	0.0	0.0	0.0	7.1
3	18.0	25.2	20.9	75.3	18.570	16.2	0.0	42.8	42.8	4.6
4	17.0	21.0	19.5	93.1	20.846	18.1	0.0	4.9	4.9	0.0
5	17.5	22.0	19.9	88.5	20.513	17.9	3.4	0.6	4.0	0.8
6	17.0	21.8	19.2	87.6	19.545	17.1	0.6	6.5	7.1	0.7
7	17.0	23.4	19.7	86.4	19.724	17.2	0.0	0.0	0.0	5.5
8	16.8	23.0	19.5	85.0	19.291	16.9	0.0	0.5	0.5	6.4
9	16.0	20.0	17.7	90.1	17.949	15.8	0.7	12.3	13.0	0.3
10	16.0	23.6	19.6	82.8	18.787	16.5	0.0	10.0	10.0	5.1
11	16.6	22.5	18.8	87.3	19.058	16.7	1.6	0.0	1.6	0.6
12	15.5	23.2	19.1	87.0	19.393	17.0	0.0	0.7	0.7	4.5
13	16.0	21.0	18.2	90.5	18.980	16.7	0.0	2.6	2.6	0.7
14	15.8	20.2	17.7	94.4	19.139	16.8	10.4	2.3	12.7	0.0
15	16.0	22.0	18.3	89.0	18.650	16.4	1.9	43.1	45.0	3.4
16	15.8	20.0	17.4	92.2	18.219	16.0	1.3	0.2	1.5	0.3
17	16.0	23.0	20.2	75.4	17.919	15.7	0.0	0.0	0.0	5.5
18	16.8	24.8	21.1	62.2	15.263	13.1	0.2	0.0	0.2	10.3
19	16.9	24.4	21.1	60.5	15.037	12.9	0.0	0.0	0.0	4.9
20	18.0	26.1	23.4	53.5	15.030	13.0	0.0	0.2	0.2	9.6
21	16.4	23.2	19.2	94.3	20.694	17.9	7.0	13.0	20.0	5.6
22	16.8	25.6	21.6	79.7	20.159	17.5	0.6	6.6	7.2	4.5
23	17.5	24.5	21.6	70.5	17.901	15.4	0.1	0.0	0.1	5.0
24	16.8	24.0	20.3	83.0	19.676	17.1	0.0	0.0	0.0	3.4
25	17.5	25.0	21.8	77.8	20.066	17.5	0.0	20.2	20.2	7.4
26	15.5	24.0	20.1	82.7	19.754	17.2	0.0	0.2	0.2	5.1
27	17.5	24.5	20.3	82.2	19.630	17.1	0.8	25.5	26.3	1.7
28	17.5	24.4	20.5	87.7	21.506	18.5	0.0	0.0	0.0	1.1
29	17.0	25.5	20.9	81.2	20.225	17.5	0.0	0.0	0.0	2.9
30	18.3	24.2	19.6	81.1	19.219	16.8	0.0	6.6	6.6	2.8
31	16.5	23.8	19.9	82.0	19.415	16.9	0.0	151.1	151.1	3.3
PROM.	16.9	23.5	20.0	81.3	18.922	16.5	28.6	349.9	378.5	117.2

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	16.0	21.5	17.5	86.9	19.456	17.0	30.5	0.3	30.8	1.3
2	16.4	21.0	18.9	89.3	19.441	17.1	0.0	29.3	29.3	0.1
3	16.0	19.2	17.1	92.5	18.243	16.1	10.3	2.5	12.8	0.1
4	16.0	23.6	20.2	81.7	19.359	16.8	0.0	0.9	0.9	7.5
5	16.5	24.0	20.1	84.8	19.957	17.4	2.7	20.5	23.2	3.8
6	15.0	24.2	20.1	77.3	18.377	16.0	0.0	0.0	0.0	5.0
7	18.0	25.0	21.5	78.1	20.127	17.5	0.0	0.0	0.0	7.9
8	18.5	24.5	20.4	73.8	17.764	15.5	0.0	0.0	0.0	4.5
9	17.0	25.5	21.4	70.1	17.870	15.7	0.0	0.0	0.0	8.3
10	17.0	24.0	19.5	89.1	20.466	17.8	0.0	1.3	1.3	3.0
11	16.5	23.6	20.4	81.8	19.583	17.1	0.0	0.0	0.0	5.5
12	17.5	27.0	22.5	70.7	19.030	16.7	0.0	0.0	0.0	10.3
13	18.0	27.2	22.3	65.7	17.424	15.3	0.0	0.0	0.0	5.3
14	17.5	26.0	21.4	65.6	16.772	14.7	0.0	0.0	0.0	8.7
15	18.0	25.5	21.5	76.3	19.809	17.2	0.0	48.0	48.0	6.8
16	15.5	24.6	20.7	88.5	21.449	18.5	0.0	17.8	17.8	5.1
17	17.5	24.5	21.3	87.2	21.925	19.0	2.8	106.8	109.6	4.3
18	16.5	23.6	20.4	84.0	20.425	17.7	0.0	0.0	0.0	5.9
19	18.6	24.0	19.8	83.3	19.598	17.2	0.3	0.0	0.3	4.2
20	18.0	26.0	22.1	67.2	18.165	15.9	0.0	0.4	0.4	6.3
21	18.0	24.5	20.4	91.8	21.976	19.0	0.0	0.0	0.0	1.8
22	18.0	24.2	21.0	85.3	21.290	18.4	0.0	62.5	62.5	4.6
23	16.0	24.0	20.5	70.9	17.470	15.2	0.0	0.0	0.0	2.6
24	17.5	24.5	19.8	87.6	20.498	17.9	1.1	0.0	1.1	3.2
25	16.5	23.0	19.9	88.1	20.209	17.6	0.0	3.8	3.8	3.3
26	16.6	23.0	19.8	87.8	20.175	17.6	0.0	0.0	0.0	3.9
27	17.5	23.2	20.1	87.2	20.525	17.9	0.0	2.6	2.6	3.9
28	16.0	22.5	18.9	86.2	18.855	16.5	0.9	10.4	11.3	3.4
29	15.5	22.2	19.0	90.5	20.022	17.5	0.0	0.0	0.0	4.8
30	15.4	22.5	19.1	93.2	20.581	17.9	3.8	84.9	93.7	0.0
PROM.	16.9	23.9	20.3	82.4	19.561	17.1	57.4	392.0	449.4	135.4

ESTACION: SANTA ELENA MUNICIPIO: MARQUETALIA AÑO: 1.987
 ALTITUD: 1.450 LATITUD: 5-18 N. LONGITUD: 75-09 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	18.4	17.2	94.8	18.458	16.2	10.1	0.0	10.1	0.3
2	16.4	23.0	19.5	68.9	15.548	13.5	0.0	0.7	0.7	7.9
3	16.5	23.2	19.0	88.8	19.496	17.1	0.0	4.0	4.0	4.2
4	16.0	23.6	19.5	94.1	21.480	18.6	0.1	0.0	0.1	0.4
5	16.5	21.2	18.5	91.5	19.212	16.9	0.7	6.1	6.8	1.1
6	16.0	23.0	19.1	88.7	19.629	17.2	0.6	36.1	36.7	1.6
7	15.0	23.2	18.8	84.1	18.088	15.9	0.1	0.0	0.1	7.0
8	16.5	23.0	20.4	85.7	20.126	17.6	0.0	0.0	0.0	4.4
9	18.0	24.0	21.1	81.6	20.334	17.8	4.7	0.7	5.4	5.4
10	16.5	23.0	20.3	86.2	20.284	17.6	0.0	0.0	0.0	3.8
11	17.5	25.0	21.4	73.0	18.722	16.4	0.0	0.0	0.0	6.8
12	17.8	24.0	21.1	78.3	19.646	17.2	0.0	0.0	0.0	3.4
13	18.0	23.4	20.1	73.9	17.538	15.4	0.0	0.3	0.3	0.3
14	17.8	25.0	20.6	78.7	19.080	16.6	0.0	0.0	0.0	6.4
15	17.5	26.3	22.0	83.7	22.075	19.1	0.0	9.7	9.7	8.2
16	16.8	22.4	19.4	94.4	21.415	18.5	0.9	73.9	74.8	0.9
17	15.5	23.2	19.5	90.5	20.468	17.8	0.0	0.5	0.5	4.4
18	17.5	24.5	21.1	81.6	20.327	17.8	0.1	0.0	0.1	7.2
19	18.0	26.0	22.1	67.3	17.884	15.7	0.0	0.0	0.0	8.3
20	17.5	24.0	20.0	89.0	20.970	18.3	0.5	2.6	3.1	4.5
21	16.8	22.0	19.3	91.0	20.422	17.8	0.0	0.0	0.0	2.3
22	16.8	20.8	18.7	90.2	19.445	17.0	0.2	51.7	51.9	0.0
23	15.5	21.6	18.6	91.5	19.554	17.1	1.5	13.0	14.5	2.0
24	15.6	22.5	17.9	91.3	18.709	16.3	0.9	0.9	1.8	3.6
25	16.0	23.5	19.7	84.9	19.520	17.1	0.0	4.7	4.7	7.3
26	17.0	24.0	20.6	75.0	17.953	15.8	0.0	65.3	65.3	8.0
27	14.0	23.2	19.9	84.9	19.722	17.2	0.0	0.0	0.0	7.5
28	17.8	24.8	21.4	65.3	16.499	14.5	0.0	0.0	0.0	10.2
29	17.7	25.5	21.6	68.5	17.614	15.5	0.0	0.0	0.0	8.7
30	17.5	25.5	22.0	59.1	15.721	13.7	0.0	0.0	0.0	10.3
31	18.5	25.8	21.6	65.5	16.815	14.8	0.0	0.0	0.0	9.0
PROM.	16.8	23.5	20.1	82.0	19.121	16.7	20.4	270.2	290.6	155.4

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	17.2	24.5	20.4	75.7	18.452	16.2	0.0	0.0	0.0	5.0
2	17.8	26.5	22.3	57.2	15.527	13.5	0.0	0.0	0.0	7.8
3	17.5	25.5	21.9	72.2	19.008	16.7	0.0	0.6	0.6	7.5
4	18.0	23.6	19.7	82.2	19.153	16.7	1.4	32.4	33.8	1.6
5	15.2	23.0	19.5	87.8	19.700	17.2	0.1	8.2	8.3	3.8
6	16.8	23.0	19.3	89.9	20.126	17.6	10.4	0.0	10.4	0.5
7	18.0	24.8	21.4	69.7	18.069	15.8	0.0	0.0	0.0	6.1
8	18.0	25.5	21.5	71.3	18.567	16.3	0.0	1.0	1.0	7.7
9	17.0	24.0	20.5	76.5	18.402	16.1	0.0	0.0	0.0	7.1
10	17.0	25.0	22.0	54.5	14.357	12.3	0.0	0.0	0.0	8.5
11	18.0	25.2	21.0	63.5	16.005	14.0	0.0	0.0	0.0	1.3
12	17.5	26.5	21.9	77.6	20.460	17.8	0.0	0.0	0.0	8.0
13	18.8	25.6	22.1	78.9	21.437	18.5	0.0	3.2	3.2	0.7
14	15.0	23.0	19.6	89.6	20.636	17.7	3.7	14.5	18.2	1.0
15	16.0	24.0	19.3	87.1	20.069	17.5	0.0	0.0	0.0	4.6
16	17.5	27.0	22.1	69.3	18.545	16.3	0.0	0.0	0.0	6.4
17	17.6	26.5	22.5	57.3	15.859	13.8	0.0	0.0	0.0	6.3
18	15.5	24.2	21.3	68.4	17.142	15.0	0.0	3.3	3.3	5.9
19	18.0	25.3	22.1	63.7	17.177	15.0	0.0	0.0	0.0	8.0
20	17.5	26.0	21.6	55.4	14.313	12.2	0.0	0.0	0.0	10.5
21	17.5	26.0	22.1	65.3	17.336	15.2	0.0	0.0	0.0	5.5
22	17.8	26.4	22.1	63.3	17.301	15.2	0.0	0.0	0.0	7.8
23	16.4	25.2	20.7	78.5	19.446	16.8	8.5	3.9	3.9	4.2
24	16.5	24.0	20.4	86.9	20.881	18.2	0.0	0.0	0.0	4.9
25	17.0	24.6	20.8	76.0	18.732	16.5	0.0	0.0	0.0	2.7
26	16.8	24.5	21.1	66.8	16.855	14.8	0.0	0.0	0.0	8.2
27	16.5	25.0	21.4	51.8	12.882	10.6	0.0	0.0	0.0	9.8
28	17.6	26.0	22.0	45.0	11.968	9.5	0.0	0.0	0.0	7.9
29	17.0	24.2	21.0	54.3	13.455	11.3	0.0	0.0	0.0	2.0
30	17.8	25.0	21.7	62.3	16.094	14.1	0.0	0.0	0.0	2.4
PROM	17.2	25.0	21.2	69.9	17.598	15.3	24.1	67.1	91.2	163.7

ESTACION: SANTA ELENA

MUNICIPIO: MARQUETALIA AÑO:

1.987

ALTITUD: 1.450

LATITUD: 5-18 N.

LONGITUD: 75-09 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	25.5	20.9	64.8	15.997	14.0	0.0	0.0	0.0	5.4
2	17.5	26.0	21.7	58.5	15.374	13.3	0.0	0.0	0.0	9.0
3	17.6	26.0	21.3	61.7	15.860	13.9	2.5	0.0	2.5	6.1
4	18.0	25.0	20.3	82.4	19.902	17.4	1.2	0.0	1.2	2.2
5	17.8	24.8	20.9	75.5	18.658	16.4	0.0	0.0	0.0	2.9
6	16.5	25.4	21.4	48.5	12.061	9.7	0.0	0.0	0.0	5.9
7	17.4	26.3	22.6	50.6	13.611	11.5	0.0	11.2	11.2	7.3
8	16.4	25.0	20.8	73.6	17.923	15.6	0.1	0.0	0.1	5.5
9	18.0	25.5	21.4	76.6	19.222	16.7	0.0	3.1	3.1	4.0
10	16.8	24.5	20.9	65.6	16.242	14.2	0.0	0.0	0.0	8.9
11	18.0	25.0	20.9	67.3	16.524	14.5	0.0	0.0	0.0	3.0
12	17.8	28.0	23.0	53.4	14.552	12.6	0.0	0.1	0.1	9.7
13	18.0	28.2	22.3	61.6	16.577	14.2	0.2	0.2	0.4	9.9
14	17.8	27.8	21.9	65.3	16.932	14.8	0.2	0.0	0.2	6.3
15	18.0	27.0	21.9	55.3	14.596	12.6	0.0	0.0	0.0	5.8
16	18.0	27.5	22.3	52.5	13.913	11.9	0.0	1.4	1.4	7.3
17	15.8	23.2	20.1	82.5	19.081	16.8	0.0	4.5	4.5	1.7
18	15.5	22.6	19.1	94.0	20.770	18.1	3.4	4.0	7.4	1.1
19	15.8	24.8	20.9	69.3	17.147	14.9	0.0	0.0	0.0	8.5
20	18.3	27.0	23.1	54.3	14.749	12.5	0.0	0.0	0.0	10.1
21	17.0	27.5	22.6	60.5	16.319	14.3	0.0	4.4	4.4	7.0
22	16.8	24.4	21.8	79.7	20.786	18.0	0.0	0.3	0.3	8.0
23	16.8	22.5	20.4	88.2	21.431	18.6	0.0	4.8	4.8	2.8
24	16.0	24.2	20.1	79.3	18.958	16.6	0.0	18.4	18.4	5.3
25	15.7	24.3	20.7	82.4	20.443	17.7	0.0	14.0	14.0	5.6
26	15.6	22.8	20.6	81.3	19.859	17.4	0.0	61.9	61.9	1.9
27	15.0	22.2	18.7	94.3	20.493	17.8	1.9	0.0	1.9	2.6
28	16.0	23.2	19.7	89.6	20.693	18.0	0.0	30.9	30.9	3.0
29	15.0	23.3	19.3	86.5	19.301	16.9	0.4	23.1	23.5	4.1
30	15.5	23.0	19.6	84.7	19.402	17.0	0.0	1.6	1.6	5.7
31	16.8	22.0	19.5	88.4	20.389	17.8	0.0	35.5	35.5	1.3
PROM.	16.9	25.0	21.0	71.9	17.670	15.3	9.9	219.4	229.3	167.9

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	14.8	22.2	18.0	90.8	18.769	16.4	0.0	37.9	37.9	0.7
2	16.0	22.0	18.3	91.5	19.504	17.1	11.3	0.2	11.5	0.0
3	15.9	19.8	17.1	94.9	18.453	16.2	42.4	0.1	42.5	0.2
4	16.0	25.2	20.5	82.8	19.664	17.2	0.0	21.2	21.2	9.8
5	15.0	23.8	19.1	85.5	18.859	16.6	0.0	0.0	0.0	5.1
6	16.0	24.1	18.7	82.6	17.483	15.4	0.0	2.1	2.1	4.1
7	16.0	25.0	20.8	74.6	18.519	16.3	0.0	22.3	22.3	8.1
8	14.8	21.9	18.7	85.0	18.314	15.9	0.2	0.0	0.2	0.4
9	16.5	22.2	19.9	85.5	19.627	17.2	0.1	1.6	1.7	0.2
10	14.9	24.0	19.7	82.1	18.589	16.3	18.0	0.0	18.0	3.4
11	16.5	24.4	19.9	85.5	19.727	17.3	0.0	58.9	58.9	4.6
12	14.8	24.0	19.9	75.7	17.582	15.5	0.0	0.4	0.4	6.6
13	16.4	22.8	19.7	80.1	18.135	15.9	0.1	0.0	0.1	7.6
14	17.0	25.5	20.9	61.7	15.130	13.1	0.0	0.0	0.0	6.7
15	17.0	25.2	22.0	50.2	12.911	10.7	0.0	0.0	0.0	8.0
16	18.0	25.5	21.4	53.7	13.799	11.8	0.0	0.9	0.9	7.7
17	17.5	25.0	20.1	79.5	19.433	16.9	4.0	0.0	4.0	3.0
18	17.0	22.4	19.8	64.6	14.887	12.9	0.0	0.0	0.0	4.9
19	17.0	24.0	20.9	70.1	17.268	15.2	0.0	0.0	0.0	3.1
20	17.0	25.8	21.4	68.0	17.292	15.2	0.0	0.0	0.0	5.2
21	17.2	26.4	22.4	56.6	15.381	13.4	0.0	0.0	0.0	9.6
22	17.0	27.1	21.6	60.9	15.731	13.7	0.0	0.0	0.0	9.9
23	17.5	26.2	22.3	55.6	14.780	12.8	0.0	0.0	0.0	8.9
24	18.0	25.2	21.4	54.7	14.073	12.0	0.0	0.0	0.0	6.4
25	17.5	25.3	21.8	49.3	12.920	10.7	0.0	0.0	0.0	8.5
26	17.5	26.3	22.1	51.9	13.795	11.7	0.0	3.0	3.0	4.1
27	16.2	26.0	21.1	66.9	16.647	14.4	0.0	0.0	0.0	6.7
28	16.0	25.8	20.0	76.9	17.747	15.6	0.0	0.0	0.0	4.2
29	16.8	26.5	21.3	70.1	17.333	15.2	0.0	0.0	0.0	6.2
30	16.8	27.0	21.3	71.9	17.844	15.7	0.0	0.0	0.0	7.6
31	17.8	25.8	21.5	72.9	18.586	16.2	0.0	0.0	0.0	7.6
PROM.	16.5	24.6	20.4	72.0	17.057	14.9	76.1	148.6	224.7	169.1

ESTACION: SANTA ELENA MUNICIPIO: MARQUETALIA AÑO: 1987
 ALTITUD: 1.450 LATITUD: 5-18 N. LONGITUD: 75-09 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	17.8	25.0	21.2	69.7	17.339	14.9	0.0	1.9	1.9	4.4
2	16.8	23.8	20.2	82.1	19.736	17.3	0.0	46.4	46.4	4.5
3	15.7	21.8	18.3	94.8	19.920	17.4	0.2	1.5	1.7	0.4
4	16.5	24.0	20.6	84.7	20.556	17.9	0.0	27.9	27.9	5.0
5	16.8	21.2	18.7	88.1	19.196	16.8	0.9	2.4	3.3	0.0
6	16.0	23.8	19.3	86.5	19.344	17.0	0.0	3.9	3.9	6.1
7	16.0	25.4	21.7	56.5	14.681	12.7	0.0	21.6	21.6	6.8
8	17.0	25.2	21.0	68.0	17.060	14.9	0.0	0.1	0.1	6.6
9	15.7	25.0	20.6	74.3	17.560	15.5	0.0	3.4	3.4	7.6
10	16.9	25.3	20.6	84.8	20.571	17.9	0.0	0.0	0.0	8.5
11	16.0	25.3	20.7	81.6	19.789	17.3	0.0	0.0	0.0	7.1
12	17.8	27.3	22.5	58.2	15.803	13.4	0.0	0.0	0.0	9.5
13	18.0	27.5	21.9	79.4	20.558	17.9	0.0	30.4	30.4	6.1
14	15.8	23.2	19.6	93.3	21.364	18.5	0.0	17.0	17.0	3.9
15	14.8	23.2	19.1	87.6	19.300	16.9	0.1	2.7	2.8	7.3
16	16.2	25.2	21.9	69.8	18.056	15.8	0.0	19.9	19.9	10.1
17	15.0	24.7	21.0	75.4	18.818	16.5	0.0	0.0	0.0	8.5
18	17.0	25.8	21.5	71.6	18.556	16.3	0.0	0.0	0.0	8.6
19	18.0	24.6	21.1	83.2	20.756	18.0	0.0	0.0	0.0	5.3
20	16.8	25.8	20.6	72.3	17.915	15.5	4.6	84.7	89.3	6.5
21	15.5	22.2	18.4	86.0	18.440	16.1	0.0	0.0	0.0	2.6
22	16.8	22.2	19.3	90.4	20.358	17.8	0.0	5.2	5.2	4.7
23	16.0	24.2	19.6	85.0	19.509	17.1	0.0	0.0	0.0	6.0
24	16.2	26.4	21.2	81.9	20.418	17.8	0.0	10.1	10.1	6.3
25	16.8	22.3	19.4	88.5	20.148	17.6	0.0	0.0	0.0	0.9
26	16.5	24.2	20.3	79.7	18.748	16.5	0.0	0.0	0.0	1.6
27	17.0	25.0	20.9	80.6	20.273	17.4	0.0	7.4	7.4	3.9
28	19.0	25.9	21.4	89.3	22.931	19.6	3.5	75.2	78.7	3.8
29	16.8	26.8	21.0	74.0	18.763	16.4	0.3	23.8	24.1	0.0
30	14.7	19.6	17.3	89.9	17.799	15.6	4.2	0.0	4.2	0.0
PROM.	16.5	24.5	20.4	80.2	19.142	16.7	13.8	385.5	399.3	152.6

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	24.0	19.8	75.8	17.737	15.5	0.0	1.1	1.1	2.5
2	16.8	22.8	19.2	87.5	19.751	17.3	1.5	3.8	5.3	2.9
3	16.0	23.0	18.6	88.4	18.789	16.5	0.0	0.3	0.3	3.4
4	16.5	22.5	18.7	93.5	20.114	17.5	0.0	0.9	0.9	1.7
5	16.4	21.5	18.8	91.6	19.892	17.4	1.1	3.7	4.8	1.5
6	17.5	22.8	19.3	92.3	20.728	18.0	0.0	0.0	0.0	1.9
7	17.0	20.8	18.9	94.5	20.680	18.0	15.2	28.8	44.0	0.5
8	16.5	21.4	18.3	94.2	20.082	17.5	0.3	8.6	8.9	0.1
9	16.0	20.8	18.0	90.8	18.833	16.6	11.7	0.0	11.7	0.1
10	16.4	21.8	19.2	91.5	20.316	17.7	0.0	0.0	0.0	3.3
11	16.9	23.4	19.9	85.9	20.115	17.5	5.6	16.2	21.8	0.5
12	16.2	23.9	19.9	85.8	19.661	17.2	31.5	0.0	31.5	3.9
13	17.5	24.2	20.0	86.7	20.706	17.9	0.0	102.3	102.3	3.7
14	15.5	22.5	19.3	87.1	19.352	17.0	0.7	0.0	0.7	3.5
15	17.0	23.8	20.3	87.4	21.048	18.3	0.0	43.5	43.5	0.0
16	17.0	22.8	19.4	91.3	20.635	18.0	0.0	14.0	14.0	0.5
17	16.2	18.9	17.8	91.1	18.144	16.0	5.3	0.7	6.0	0.0
18	16.8	20.5	18.0	92.0	19.001	16.7	0.0	5.8	5.8	0.0
19	16.7	22.4	18.9	94.3	20.687	18.0	1.4	0.0	1.4	1.1
20	17.0	23.5	19.2	90.7	20.556	17.9	0.0	0.3	0.3	3.5
21	17.1	23.2	20.2	92.2	21.890	18.9	0.0	52.4	52.4	4.0
22	15.5	23.2	19.2	85.5	19.053	16.7	0.1	8.0	8.1	1.2
23	17.2	24.1	20.0	91.9	21.619	18.7	0.9	1.2	2.1	0.0
24	17.9	23.6	19.8	90.5	21.015	18.3	0.0	14.7	14.7	2.1
25	16.0	22.2	19.2	90.2	20.277	17.7	0.0	32.0	32.0	1.3
26	15.9	23.3	19.5	88.4	20.070	17.6	0.0	0.9	0.9	4.8
27	17.0	22.2	19.1	92.0	20.528	17.9	0.2	114.4	114.6	2.6
28	15.9	19.2	18.1	88.7	18.156	16.0	9.2	6.6	15.8	0.1
29	16.2	21.2	18.5	92.7	19.737	17.3	0.0	2.0	2.0	0.3
30	15.9	22.0	17.9	93.1	19.490	17.1	41.6	0.3	41.9	2.7
31	16.3	22.8	18.9	89.2	19.847	17.3	0.2	109.9	110.1	3.9
PROM.	16.6	22.4	19.1	89.9	19.952	17.4	126.5	572.4	698.9	57.8

ESTACION: SANTA ELENA MUNICIPIO: MARQUETALIA AÑO: 1.987
 ALTITUD: 1.450 LATITUD: 5-18 N. LONGITUD: 75-09 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	15.7	22.5	18.4	88.8	18.934	16.6	0.3	19.5	19.8	5.5
2	15.4	21.2	18.4	92.1	19.494	17.1	7.8	1.5	9.3	1.4
3	16.4	23.0	19.2	93.7	21.004	18.3	2.6	0.0	2.6	3.0
4	16.5	24.0	19.4	89.6	20.655	17.9	7.3	0.0	7.3	5.4
5	17.0	23.6	20.3	89.1	21.392	18.6	0.0	0.0	0.0	5.4
6	17.0	25.5	20.4	87.8	21.427	18.5	0.0	0.1	0.1	6.2
7	16.5	25.6	21.5	80.7	21.367	18.5	0.0	0.0	0.0	9.5
8	17.5	24.3	20.8	90.0	22.295	19.3	0.0	0.0	0.0	7.3
9	17.6	26.2	21.7	80.8	21.544	18.5	0.0	0.0	0.0	7.0
10	17.5	26.7	21.0	82.2	20.851	18.2	0.0	0.0	0.0	6.8
11	17.8	25.0	20.6	83.9	20.502	17.8	0.0	0.0	0.0	8.0
12	18.0	25.0	21.3	79.1	20.354	17.6	0.0	0.0	0.0	5.1
13	18.2	24.5	20.9	91.0	22.910	19.6	0.0	1.6	1.6	4.8
14	17.3	24.2	20.5	85.4	21.030	18.2	0.0	53.7	53.7	6.1
15	16.2	23.4	18.8	83.3	18.312	16.0	0.0	0.0	0.0	5.7
16	17.2	24.1	20.8	85.7	21.301	18.5	0.0	0.0	0.0	6.1
17	18.0	24.8	20.5	92.8	22.694	19.5	0.0	17.5	17.5	6.2
18	18.0	24.7	20.7	90.2	22.180	19.1	0.2	17.7	17.9	2.9
19	17.2	23.5	20.2	85.9	20.275	17.7	1.0	47.8	48.8	3.3
20	17.0	21.9	18.8	94.2	20.484	17.9	0.4	0.2	0.6	0.7
21	16.7	19.9	17.8	92.0	18.984	16.7	5.0	8.4	13.4	0.0
22	16.0	22.8	19.0	90.3	19.871	17.4	5.9	0.0	5.9	0.0
23	16.9	24.1	20.4	89.1	21.436	18.6	0.0	0.0	0.0	0.0
24	17.9	24.7	20.8	93.3	23.342	19.9	0.0	19.6	19.6	9.4
25	17.0	20.2	18.5	89.8	19.178	16.8	1.2	0.0	1.2	0.0
26	15.9	22.0	18.8	89.7	19.882	17.4	0.0	0.6	0.6	3.6
27	15.8	25.0	18.7	93.7	20.172	17.6	1.2	0.0	1.2	2.3
28	16.8	23.0	19.2	88.5	19.970	17.5	0.4	0.0	0.4	3.8
29	16.7	22.2	19.6	91.4	21.033	18.3	0.0	0.0	0.0	1.4
30	17.5	20.0	18.4	95.8	20.558	17.9	1.4	0.2	1.6	0.0
PROM.	17.0	23.6	19.8	88.7	20.781	18.1	34.7	188.4	223.1	126.9

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	23.0	19.5	91.0	20.981	18.3	4.5	13.8	18.3	5.2
2	16.4	22.0	18.6	91.9	19.807	17.3	0.0	0.7	0.7	0.5
3	17.3	22.3	19.2	93.0	20.818	18.1	0.0	18.1	18.1	2.9
4	15.9	22.5	18.6	87.4	18.816	16.5	6.0	10.5	16.5	2.9
5	15.8	22.0	18.0	91.7	19.208	16.8	0.0	2.2	2.2	4.1
6	15.7	22.2	18.6	91.9	19.948	17.3	0.0	0.0	0.0	3.8
7	15.0	20.9	18.1	94.5	19.825	17.3	0.0	2.9	2.9	2.6
8	17.0	21.2	19.1	91.9	20.314	17.7	15.1	0.0	15.1	0.2
9	17.0	23.3	20.3	87.3	20.879	18.2	0.0	92.7	92.7	5.2
10	16.5	22.4	19.3	91.3	20.658	18.0	14.3	47.5	61.8	3.0
11	15.8	21.9	19.4	90.5	20.382	17.8	0.0	6.7	6.7	4.1
12	16.9	24.4	20.2	90.0	21.293	18.5	0.0	0.0	0.0	2.9
13	17.9	23.2	20.4	91.9	21.989	19.0	0.0	0.0	0.0	2.1
14	17.5	25.0	20.6	90.3	22.229	19.1	0.0	0.0	0.0	3.4
15	18.0	24.5	20.4	90.5	21.883	18.9	0.9	0.0	0.9	5.7
16	17.5	23.9	20.2	89.1	21.269	18.4	0.0	0.0	0.0	5.9
17	16.0	24.0	20.2	82.5	19.785	17.2	0.0	0.0	0.0	6.2
18	16.8	22.8	19.8	84.7	19.714	17.2	0.0	0.0	0.0	5.5
19	17.4	25.7	21.3	75.9	19.317	16.9	0.0	0.0	0.0	6.1
20	18.0	24.3	21.7	74.3	19.244	16.5	0.0	0.0	0.0	10.1
21	18.5	27.0	22.6	59.5	16.422	14.4	0.0	0.0	0.0	7.0
22	17.8	25.4	20.8	84.0	20.726	18.0	0.0	0.0	0.0	8.5
23	18.4	26.7	21.7	73.1	19.082	16.6	0.0	0.0	0.0	8.5
24	17.5	24.4	20.8	84.9	20.970	18.1	0.0	0.0	0.0	7.9
25	17.2	25.9	21.3	79.2	20.209	17.5	0.0	6.1	6.1	1.2
26	17.5	24.0	20.3	83.1	19.645	17.2	0.0	0.0	0.0	4.1
27	16.9	24.2	20.5	84.0	19.983	17.5	0.0	0.0	0.0	7.7
28	17.8	23.0	19.7	92.3	21.227	18.5	0.0	10.8	10.8	1.4
29	16.4	23.4	19.6	85.6	19.737	17.2	13.3	31.1	44.4	7.0
30	16.8	24.0	20.3	79.1	18.879	16.6	1.9	40.1	42.0	3.0
31	15.2	24.2	20.0	81.2	18.743	16.4	1.7	0.0	1.7	10.0
PROM.	16.9	23.7	20.0	85.7	20.128	17.5	57.7	283.2	340.9	149.3

ESTACION: SANTA ELENA MUNICIPIO: MARQUETALIA AÑO: 1.987
 ALTITUD: 1.450 LATITUD: 5-18 N. LONGITUD: 75-09 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	17.1	23.9	20.3	15.3	27.5	79.9	18.840	16.4	279.7	15	147.9
FEBRERO	17.6	24.9	21.5	16.0	28.5	72.8	18.294	15.9	187.6	14	143.6
MARZO	16.9	23.5	20.0	15.5	27.5	81.3	18.922	16.5	378.5	23	117.2
ABRIL	16.9	23.9	20.3	15.0	27.2	82.4	19.561	17.1	449.4	17	135.4
MAYO	16.8	23.5	20.1	14.0	26.3	82.0	19.121	16.7	290.6	19	155.4
JUNIO	17.2	25.0	21.2	15.0	27.0	69.9	17.598	15.3	91.2	10	163.7
JULIO	16.9	25.0	21.0	15.0	28.2	71.9	17.670	15.3	229.3	22	167.9
AGOSTO	16.5	24.6	20.4	14.8	27.1	72.0	17.057	14.9	224.7	15	169.1
SEPTIEMBRE	16.5	24.5	20.4	14.7	27.5	80.2	19.142	16.7	399.3	20	152.6
OCTUBRE	16.6	22.4	19.1	15.5	24.2	89.9	19.952	17.4	698.9	29	57.5
NOVIEMBRE	17.0	23.6	19.8	15.4	26.7	88.7	20.781	18.1	223.1	19	126.9
DIEMBRE	16.9	23.7	20.0	15.0	27.0	85.7	20.128	17.5	340.9	16	149.3
PHOMEDIO	16.9	24.0	20.3	15.1	27.1	79.7	18.922	16.5			
TOTAL									3793.2	219	1686.5

ESTACION: AGRONOMIA

MUNICIPIO: MANIZALES AÑO: 1.987

ALTITUD: 2.150

LATITUD: 5-03 N. LONGITUD: 75-29 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.0	24.2	16.2	74.1	13.508	11.4	9.5	0.0	9.5	2.9
2	11.6	25.0	18.1	64.6	12.536	10.3	0.0	0.0	0.0	7.6
3	12.4	25.2	18.3	63.5	12.844	10.7	0.0	0.0	0.0	7.0
4	12.8	24.0	18.4	71.1	14.499	12.4	0.0	0.2	0.2	5.8
5	14.0	23.0	17.4	80.5	15.884	13.9	0.0	0.0	0.0	2.1
6	12.0	24.0	17.9	76.4	15.404	13.3	0.0	0.0	0.0	6.4
7	12.0	23.0	16.6	84.1	15.727	13.7	0.0	0.3	0.3	1.9
8	13.0	21.0	17.1	80.2	15.492	13.5	0.0	0.0	0.0	2.6
9	12.5	24.5	18.5	68.3	13.985	11.9	0.0	0.0	0.0	8.6
10	13.0	24.0	17.3	79.5	15.627	13.6	2.7	0.0	2.7	5.9
11	12.5	21.0	15.8	83.4	15.141	13.1	10.5	0.0	10.5	1.5
12	12.0	22.0	17.9	72.8	14.358	12.4	0.0	0.0	0.0	5.5
13	12.0	24.5	17.9	68.9	13.662	11.6	0.0	0.0	0.0	8.7
14	12.0	24.6	17.7	70.1	13.841	11.8	0.0	0.0	0.0	8.3
15	12.5	24.4	18.6	67.2	13.842	11.8	0.0	0.0	0.0	7.6
16	13.5	24.5	17.9	72.4	14.776	12.8	0.0	0.0	0.0	4.4
17	13.0	26.0	18.8	61.0	12.486	10.2	0.0	0.0	0.0	9.6
18	13.0	25.4	17.6	77.0	15.300	13.3	0.0	6.1	6.1	5.9
19	14.0	17.0	15.2	91.2	15.962	14.0	5.5	0.0	5.5	0.0
20	11.0	22.5	16.3	74.3	13.606	11.5	0.1	0.0	0.1	6.4
21	13.2	20.0	15.6	85.6	15.214	13.2	0.3	0.0	0.3	1.0
22	12.0	20.8	15.6	78.6	14.076	12.0	5.3	0.2	5.5	2.9
23	12.8	21.0	16.8	78.9	14.947	13.0	0.0	0.0	0.0	1.9
24	11.5	24.2	18.2	67.7	13.478	11.4	0.0	0.0	0.0	9.4
25	12.0	23.0	17.3	74.3	14.262	12.2	0.0	0.0	0.0	4.0
26	13.0	23.8	18.5	72.0	14.875	12.9	0.0	1.1	1.1	5.5
27	12.0	23.5	18.1	73.2	14.933	12.9	1.6	0.0	1.6	6.0
28	13.0	24.6	18.7	66.6	13.544	11.5	0.0	0.0	0.0	8.6
29	13.5	26.0	19.3	62.7	13.255	11.1	0.0	0.0	0.0	9.2
30	13.5	24.0	18.4	66.3	13.585	11.5	0.0	0.0	0.0	7.1
31	14.0	22.0	18.2	78.3	16.065	14.1	0.0	2.2	2.2	0.4
PROM.	12.6	23.3	17.6	73.7	14.410	12.4	35.5	10.1	45.6	164.7

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	13.4	26.5	19.1	65.9	13.875	11.8	0.0	0.0	0.0	8.3
2	13.5	26.0	19.1	57.1	12.155	9.8	0.0	0.0	0.0	8.4
3	15.0	22.5	17.8	69.2	14.017	12.0	1.3	0.0	1.3	0.5
4	13.0	26.0	19.0	62.1	13.147	11.0	0.0	0.0	0.0	6.6
5	13.4	24.0	18.5	70.2	14.738	12.8	0.0	1.1	1.1	4.7
6	14.5	23.5	17.4	78.8	15.316	13.2	6.9	1.4	8.3	3.2
7	14.0	24.5	16.9	71.5	14.066	12.0	12.0	0.0	12.0	4.7
8	13.5	23.0	17.3	77.5	15.440	13.5	0.1	0.0	0.1	2.7
9	13.0	24.5	18.3	73.8	14.860	12.8	2.1	0.0	2.1	5.1
10	12.6	25.3	19.3	69.8	14.726	12.7	0.0	0.0	0.0	5.0
11	14.0	22.5	17.3	79.3	15.630	13.6	0.6	0.0	0.6	1.1
12	13.6	21.0	15.3	84.9	14.761	12.8	1.5	1.5	3.0	1.2
13	12.0	22.0	16.4	83.6	15.288	13.2	0.0	0.0	0.0	1.8
14	12.8	18.4	15.0	85.4	14.481	12.5	2.4	0.0	2.4	1.5
15	11.4	23.2	17.5	75.1	14.572	12.5	0.0	0.5	0.5	6.9
16	13.7	23.5	17.6	77.7	15.305	13.3	0.0	0.0	0.0	2.8
17	13.8	20.8	17.4	80.7	15.984	14.0	0.0	0.0	0.0	0.0
18	13.6	25.3	18.9	68.3	14.209	12.2	0.0	0.0	0.0	6.2
19	13.8	25.0	18.7	74.5	15.542	13.5	0.0	0.0	0.0	3.9
20	14.0	24.5	19.0	72.5	15.523	13.6	0.0	0.0	0.0	6.8
21	13.0	24.6	18.9	65.8	13.983	11.9	0.0	0.0	0.0	4.4
22	13.4	26.0	19.6	67.6	14.838	12.9	0.0	0.0	0.0	6.9
23	14.0	27.5	19.9	60.5	13.116	10.9	0.0	0.0	0.0	8.7
24	14.5	25.3	19.6	68.2	15.106	13.1	0.0	0.0	0.0	3.1
25	14.0	25.0	19.2	63.9	13.756	11.7	0.0	0.0	0.0	5.1
26	14.0	28.0	20.8	55.9	13.154	11.0	0.0	0.0	0.0	7.6
27	15.0	27.5	21.3	63.2	15.146	13.2	0.0	0.0	0.0	4.1
28	14.5	25.0	19.6	65.0	14.201	12.2	0.0	0.0	0.0	3.1
PROM	13.6	24.3	18.4	71.0	14.533	12.5	26.9	4.5	31.4	124.4

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	13.4	26.0	19.1	61.8	13.103	10.8	0.0	0.0	0.0	3.4
2	14.0	23.0	17.8	76.7	15.728	13.7	5.8	0.0	5.8	2.3
3	13.0	25.0	19.2	61.5	12.995	10.8	0.0	0.0	0.0	6.2
4	13.5	18.5	16.1	89.5	16.516	14.5	0.0	0.0	0.0	0.0
5	13.0	25.3	18.3	76.6	15.861	13.8	5.3	8.3	13.6	3.9
6	12.0	23.5	15.4	79.1	13.942	11.9	4.9	0.6	5.5	8.2
7	12.5	22.0	16.1	77.1	14.026	12.0	22.5	0.0	22.5	3.7
8	13.4	22.4	17.3	77.6	15.165	13.2	1.1	5.8	6.9	6.4
9	13.0	16.6	13.9	94.4	14.949	13.0	4.7	0.0	4.7	0.1
10	12.0	23.0	17.1	72.0	13.515	11.5	0.0	0.0	0.0	4.4
11	12.5	21.5	16.9	78.4	14.770	12.8	0.0	1.4	1.4	2.5
12	13.0	23.0	16.9	74.7	14.067	12.1	0.0	0.0	0.0	4.4
13	13.0	18.5	14.6	90.3	15.192	13.2	7.9	0.0	7.9	2.0
14	11.0	22.5	16.7	72.0	13.390	11.3	0.0	0.0	0.0	1.8
15	14.0	23.0	17.2	83.8	16.384	14.3	14.1	6.2	20.3	5.0
16	14.0	19.6	15.9	83.1	15.190	13.2	4.6	0.0	4.6	0.0
17	12.8	21.4	17.1	77.3	15.022	12.9	1.1	0.1	1.2	2.0
18	13.0	23.0	18.7	70.2	14.632	12.6	0.0	0.0	0.0	3.1
19	14.0	22.3	18.1	73.0	15.026	13.0	0.0	0.0	0.0	4.6
20	13.5	25.5	19.8	62.0	13.734	11.7	0.0	0.0	0.0	10.0
21	14.5	23.5	18.1	70.9	14.697	12.7	4.8	0.0	4.8	2.6
22	13.5	25.0	19.2	70.0	14.822	12.7	0.0	0.0	0.0	4.9
23	15.0	21.5	18.0	81.2	16.644	14.6	0.1	0.0	0.1	0.6
24	14.0	24.5	19.4	69.7	15.162	13.2	0.0	0.0	0.0	4.2
25	14.0	24.6	18.8	72.5	15.465	13.5	0.0	4.1	4.1	6.2
26	13.0	23.0	18.0	71.0	14.491	12.5	0.0	0.0	0.0	2.7
27	15.0	23.2	18.5	75.5	15.802	13.8	0.0	0.0	0.0	1.8
28	14.0	22.0	17.9	78.9	16.269	14.3	3.0	0.0	3.0	2.4
29	14.5	25.0	18.9	73.8	15.838	13.9	0.0	7.4	7.4	4.9
30	14.8	24.5	18.3	79.6	16.592	14.6	0.0	1.4	1.4	1.9
31	13.5	23.5	17.7	78.3	15.857	13.8	1.6	1.0	2.6	7.5
PROM.	13.4	22.8	17.6	75.9	14.995	13.0	81.5	36.3	117.8	113.7

M E S - A B R I L

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	22.5	18.0	75.9	15.513	13.5	0.0	26.5	26.5	2.5
2	14.0	17.0	14.9	91.1	15.322	13.4	14.1	0.4	14.5	0.0
3	13.7	17.5	15.7	88.0	15.588	13.6	2.2	1.1	3.3	0.0
4	13.5	21.0	17.4	71.9	13.883	11.8	0.0	0.1	0.1	2.4
5	14.0	22.0	16.8	79.8	15.043	13.0	0.7	0.0	0.7	1.7
6	13.0	24.0	17.8	71.8	14.525	12.5	0.0	0.0	0.0	5.0
7	14.0	24.0	18.6	67.4	14.534	12.5	0.0	0.0	0.0	2.0
8	15.0	21.0	17.9	79.7	16.317	14.3	0.3	0.3	0.6	0.0
9	14.0	22.4	18.2	78.1	16.036	14.0	0.0	0.0	0.0	5.9
10	13.8	22.0	17.7	77.5	15.578	13.5	0.0	0.0	0.0	1.4
11	14.0	23.0	18.0	74.3	15.024	13.1	0.0	0.0	0.0	4.2
12	13.8	25.0	19.0	61.2	12.843	10.6	0.0	0.0	0.0	9.3
13	15.0	23.5	18.0	68.7	14.176	12.2	0.0	0.0	0.0	4.9
14	13.2	23.2	17.9	68.6	13.800	11.8	0.0	0.0	0.0	5.9
15	14.0	24.2	19.0	68.4	14.732	12.7	0.0	0.0	0.0	4.7
16	13.8	24.0	18.7	71.0	14.985	13.0	1.6	0.0	1.6	6.3
17	14.2	24.4	18.9	72.0	15.354	13.3	0.0	4.1	4.1	5.6
18	15.0	23.0	19.3	68.1	14.780	12.8	0.0	0.0	0.0	4.2
19	15.0	24.5	19.2	61.7	13.634	11.6	0.0	0.0	0.0	1.9
20	15.0	23.0	18.6	73.2	15.666	13.7	0.0	0.0	0.0	1.9
21	14.8	22.5	17.9	79.7	16.203	14.2	0.3	0.0	0.3	1.1
22	14.4	22.0	18.3	73.7	15.269	13.3	0.0	0.0	0.0	1.0
23	14.5	22.1	18.0	83.2	17.163	15.1	0.0	0.0	0.0	0.0
24	14.5	19.0	16.6	89.9	17.087	15.0	16.5	13.1	29.6	0.9
25	14.4	19.8	16.1	88.2	16.160	14.2	3.3	2.5	5.8	0.0
26	14.0	20.3	16.7	86.2	16.338	14.3	3.1	0.0	3.1	0.0
27	13.6	23.4	18.3	71.6	15.132	13.0	0.2	11.1	11.3	4.6
28	13.8	22.0	16.9	81.3	15.492	13.5	1.6	0.0	1.6	0.8
29	13.0	21.0	16.4	86.6	16.056	14.1	9.9	2.3	12.2	1.8
30	13.6	19.0	15.7	91.4	16.174	14.2	1.9	8.3	10.2	0.0
PROM.	14.1	22.0	17.7	76.7	15.280	13.3	55.7	69.8	125.5	80.0

ESTACION: AGRONOMIA

MUNICIPIO: MANIZALES

AÑO: 1.987

ALTITUD: 2.150

LATITUD: 5-03 N.

LONGITUD: 75-29 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.8	17.8	16.1	89.6	16.426	14.4	3.0	0.0	3.0	5.1
2	13.5	21.6	16.6	75.2	14.330	12.3	8.3	0.0	8.3	0.0
3	13.0	22.0	17.9	73.5	14.945	12.8	0.0	0.0	0.0	5.5
4	13.0	20.2	16.3	88.6	16.529	14.5	28.7	0.5	29.2	6.0
5	12.0	21.5	15.2	82.9	14.342	12.2	4.4	3.4	7.8	4.1
6	12.0	20.5	16.0	76.7	14.030	11.9	17.9	0.4	18.3	3.5
7	14.0	22.0	17.2	79.6	15.637	13.7	3.8	0.0	3.8	2.8
8	14.0	24.5	18.0	73.8	15.047	13.0	0.0	0.0	0.0	3.0
9	14.0	23.0	17.9	78.6	15.832	13.8	0.9	9.7	10.6	5.8
10	14.0	23.0	17.7	79.4	15.967	14.0	3.6	0.0	3.6	2.4
11	14.5	26.0	20.4	60.4	13.930	11.9	0.0	0.0	0.0	9.5
12	15.5	23.5	19.2	76.5	16.719	14.7	0.2	0.0	0.2	3.0
13	14.8	24.5	19.0	80.7	17.406	15.3	0.0	11.4	11.4	4.4
14	15.2	22.0	18.2	80.0	16.535	14.5	2.1	4.7	6.8	4.6
15	14.6	23.0	17.7	81.8	16.541	14.5	0.5	34.6	35.1	4.3
16	14.0	18.4	15.9	91.4	16.620	14.6	2.8	7.4	10.2	4.4
17	13.5	22.0	17.8	81.5	16.376	14.3	0.0	14.0	14.0	3.4
18	14.5	24.5	19.1	68.2	14.976	12.8	0.0	2.4	2.4	8.5
19	15.5	21.8	17.5	78.6	15.894	13.9	2.2	0.0	2.2	1.4
20	14.5	21.6	17.1	84.9	16.664	14.6	2.1	1.3	3.4	0.6
21	14.2	20.0	16.4	86.6	15.953	13.9	1.9	4.6	6.5	1.2
22	13.8	19.8	16.4	83.5	15.606	13.6	2.9	7.0	9.9	0.7
23	13.0	23.5	15.4	86.1	15.099	13.1	13.4	22.3	35.7	0.0
24	13.0	22.0	17.4	77.8	15.237	13.2	0.0	0.0	0.0	3.6
25	13.5	23.0	17.2	75.4	14.769	12.7	0.7	0.0	0.7	4.0
26	14.5	22.0	16.2	88.0	16.350	14.3	12.5	16.3	28.8	1.7
27	12.8	23.5	18.1	76.9	15.667	13.6	0.0	4.9	4.9	7.1
28	13.5	23.5	19.0	65.1	14.289	12.2	0.0	0.0	0.0	8.3
29	14.5	24.5	19.0	70.4	15.509	13.5	0.0	0.0	0.0	6.9
30	14.5	25.0	18.9	70.2	14.917	13.0	0.0	0.0	0.0	8.3
31	15.0	25.2	19.1	68.0	14.751	12.7	0.0	0.0	0.0	5.1
PROM.	13.9	22.4	17.5	78.4	15.577	13.5	111.9	144.9	256.8	123.2

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.3	22.3	17.6	80.7	16.097	14.1	1.4	0.0	1.4	0.6
2	12.8	23.5	18.1	70.2	14.491	12.5	0.0	0.0	0.0	6.4
3	14.0	21.5	17.7	81.2	16.305	14.2	0.0	0.0	0.0	3.5
4	13.0	22.5	17.1	76.3	15.028	13.0	0.9	0.0	0.9	0.9
5	14.3	20.0	16.4	88.2	16.643	14.6	2.0	0.0	2.0	0.3
6	13.2	20.5	17.0	78.2	15.172	13.2	0.0	0.0	0.0	2.5
7	13.5	21.0	16.4	89.6	16.539	14.5	1.9	0.0	1.9	2.2
8	13.5	22.5	16.7	79.8	15.293	13.3	3.0	0.0	3.0	3.6
9	14.8	25.0	19.0	64.3	13.912	11.9	0.0	0.0	0.0	5.7
10	14.5	24.3	19.3	69.2	15.126	13.1	0.0	1.0	1.0	4.9
11	15.0	20.5	17.2	85.9	16.977	14.9	0.7	0.0	0.7	1.5
12	13.3	24.0	18.2	74.3	15.093	13.1	1.9	0.0	1.9	7.2
13	15.5	19.5	17.2	84.8	16.841	14.8	0.8	0.0	0.8	0.4
14	14.2	19.6	16.9	92.4	17.930	15.7	0.4	0.0	0.4	0.0
15	13.8	22.5	17.7	79.6	15.904	13.8	0.0	0.0	0.0	1.2
16	14.5	23.5	18.5	77.1	16.262	14.3	0.0	0.0	0.0	1.7
17	15.0	24.0	19.0	76.2	16.680	14.7	0.1	0.2	0.3	1.4
18	15.0	24.5	19.0	67.7	14.709	12.7	0.0	0.0	0.0	1.8
19	14.5	24.0	19.0	68.9	15.006	13.0	0.0	0.0	0.0	0.0
20	15.0	21.0	17.0	86.6	17.065	15.0	2.1	0.0	2.1	1.1
21	14.0	24.5	19.5	66.7	14.901	12.8	0.0	0.0	0.0	7.2
22	14.5	25.0	19.3	64.9	14.418	12.4	0.0	0.0	0.0	5.5
23	15.2	22.5	19.0	76.3	16.402	14.4	0.2	0.0	0.2	0.6
24	14.5	20.6	17.5	78.9	15.668	13.7	0.2	0.0	0.2	0.7
25	14.0	23.0	18.1	72.6	15.039	13.0	0.0	0.0	0.0	5.3
26	14.2	24.0	19.2	66.7	14.787	12.8	0.0	0.0	0.0	0.7
27	14.5	23.2	17.9	68.3	13.992	11.9	2.5	0.0	2.5	3.9
28	14.0	25.5	20.1	60.9	14.068	12.0	0.0	0.0	0.0	8.4
29	14.5	24.3	19.1	60.7	13.040	10.9	0.0	0.0	0.0	4.4
30	13.5	23.9	18.5	70.4	14.606	12.6	0.0	0.0	0.0	3.2
PROM.	14.2	22.8	18.1	75.3	15.466	13.4	18.1	1.2	19.3	87.4

ESTACION: AGRONOMIA

MUNICIPIO: MANIZALES

AÑO: 1.987

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	15.0	24.0	18.3	65.5	13.688	11.7	0.0	0.0	0.0	3.0
2	14.0	24.8	19.4	70.6	15.510	13.5	0.0	0.0	0.0	6.1
3	14.8	23.4	17.2	77.5	15.319	13.4	2.4	0.0	2.4	1.6
4	14.2	22.5	17.8	78.0	15.769	13.7	1.3	2.3	3.6	0.0
5	14.0	21.0	17.2	79.3	15.389	13.4	1.6	0.0	1.6	0.5
6	14.6	23.5	18.8	65.9	13.771	11.7	0.0	0.0	0.0	3.4
7	14.0	23.2	17.6	78.8	16.175	14.1	32.9	0.0	32.9	1.4
8	13.0	24.5	18.5	73.8	15.757	13.8	0.0	0.0	0.0	2.7
9	15.0	24.8	19.9	71.5	16.221	14.2	0.0	0.0	0.0	4.4
10	14.5	24.6	19.3	68.0	14.823	12.8	0.0	0.0	0.0	5.0
11	14.7	22.5	17.9	75.4	15.331	13.3	0.0	0.0	0.0	1.3
12	15.5	24.4	18.6	68.6	14.506	12.5	0.0	0.0	0.0	5.5
13	15.0	23.4	19.0	76.2	16.260	14.3	0.0	0.0	0.0	4.0
14	15.1	23.0	18.8	76.1	16.279	14.3	2.0	0.0	2.0	4.0
15	14.8	24.0	19.1	72.2	15.631	13.6	0.0	0.0	0.0	3.1
16	14.5	23.0	18.7	74.9	15.727	13.8	0.0	0.4	0.4	4.0
17	14.8	18.5	16.1	94.1	17.255	15.2	4.7	4.6	9.3	0.0
18	13.0	21.0	15.8	88.7	15.865	13.9	0.0	0.2	0.2	0.0
19	13.2	24.2	18.5	64.7	13.435	11.3	1.9	1.1	3.0	6.2
20	14.0	23.4	17.8	78.8	15.725	13.7	0.4	0.0	0.4	4.7
21	14.1	24.5	18.7	68.9	14.568	12.6	0.3	2.9	3.2	4.1
22	14.0	23.0	17.2	73.0	14.046	11.9	0.1	0.0	0.1	4.6
23	13.5	23.0	18.4	79.6	16.350	14.3	0.0	7.7	7.7	2.4
24	14.5	23.2	17.5	79.1	15.598	13.6	1.8	1.4	3.2	3.9
25	14.7	22.2	18.0	79.7	16.219	14.2	0.0	0.0	0.0	2.6
26	14.0	20.5	16.6	84.4	15.969	14.0	5.7	0.0	5.7	0.6
27	13.0	21.0	17.0	80.6	15.414	13.4	1.3	2.0	3.3	1.9
28	13.8	22.5	17.6	79.0	15.628	13.7	0.0	0.0	0.0	5.9
29	14.5	21.5	17.3	84.0	16.390	14.4	0.9	8.8	9.7	0.0
30	13.4	20.5	17.6	81.1	16.091	14.1	0.0	3.9	3.9	0.0
31	13.5	19.5	16.6	88.8	16.499	14.5	1.5	27.9	29.4	0.0
PROM.	14.2	22.8	18.0	76.7	15.523	13.5	58.8	63.2	122.0	86.9

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	13.0	18.5	16.3	78.3	14.284	12.3	0.9	0.1	1.0	0.0
2	12.8	18.4	15.5	88.2	15.589	13.6	5.4	20.7	26.1	0.0
3	13.0	19.5	16.8	82.3	15.518	13.6	0.5	1.5	2.0	0.9
4	13.0	22.0	18.0	69.8	13.901	11.9	3.6	15.3	18.9	7.0
5	13.0	23.0	18.1	69.1	13.833	11.8	0.0	0.1	0.1	9.1
6	13.0	22.0	17.7	74.9	14.856	12.8	0.0	0.0	0.0	4.2
7	13.5	25.0	18.9	66.6	13.945	11.8	0.6	0.0	0.6	7.2
8	14.5	21.6	17.3	78.9	15.416	13.5	0.2	0.0	0.2	0.4
9	13.5	23.0	17.3	77.4	15.239	13.3	1.2	0.5	1.7	5.0
10	14.0	21.8	18.2	73.7	14.843	12.9	0.0	0.0	0.0	3.1
11	14.0	20.4	16.4	81.7	15.312	13.3	4.1	3.3	7.4	1.6
12	13.2	21.0	16.5	82.3	15.141	13.1	0.0	0.0	0.0	3.4
13	13.5	22.0	17.7	69.4	13.609	11.5	0.0	0.0	0.0	4.2
14	14.0	25.0	19.4	52.4	11.426	8.9	0.0	0.0	0.0	6.5
15	14.5	24.0	19.6	54.3	11.892	9.5	0.0	0.0	0.0	6.6
16	14.4	23.5	19.0	66.3	14.291	12.3	0.0	0.0	0.0	2.0
17	14.0	21.8	18.2	70.4	14.304	12.3	0.1	0.0	0.1	1.1
18	14.6	22.5	18.1	65.0	13.095	10.9	0.0	0.0	0.0	1.0
19	14.2	25.0	19.3	58.5	12.398	10.1	0.0	0.0	0.0	7.3
20	14.0	22.5	17.8	72.4	14.626	12.7	0.0	0.0	0.0	2.5
21	13.5	24.2	18.7	75.7	16.278	14.1	0.0	0.3	0.3	4.5
22	14.5	23.0	18.5	67.4	13.857	11.7	0.0	4.3	4.3	4.0
23	14.5	25.6	20.4	60.2	13.691	11.6	0.0	0.0	0.0	8.0
24	14.5	24.6	18.6	73.1	15.299	13.3	0.0	0.0	0.0	7.4
25	14.8	24.7	19.4	64.0	13.809	11.7	0.0	0.0	0.0	3.9
26	13.6	24.0	19.5	57.2	11.954	9.6	0.0	0.0	0.0	3.1
27	15.0	20.5	17.9	79.4	15.903	13.9	0.1	0.0	0.1	1.1
28	14.0	23.0	18.0	75.5	15.157	13.2	0.0	0.0	0.0	2.5
29	13.8	24.0	18.6	67.7	14.115	12.1	0.0	0.4	0.4	6.4
30	14.8	23.1	18.5	71.1	14.868	12.9	0.0	0.3	0.3	3.1
31	14.5	24.0	18.6	78.4	16.336	14.2	0.6	0.7	1.3	4.4
PROM.	13.9	22.7	18.2	71.0	14.348	12.3	17.3	47.5	64.8	121.5

ESTACION: AGRONOMIA

MUNICIPIO: MANIZALES

AÑO:

1.987

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	15.0	20.8	17.6	90.8	17.892	15.7	8.4	0.0	8.4	
2	13.5	23.0	17.7	76.0	15.035	13.0	0.2	0.0	0.2	3.7
3	14.8	20.0	16.8	88.9	16.950	14.9	2.8	0.4	3.2	0.8
4	14.0	20.4	17.4	84.4	16.503	14.4	0.1	22.8	22.9	0.5
5	13.2	18.0	16.0	84.5	15.227	13.2	2.2	0.0	2.2	0.0
6	12.0	23.0	17.1	71.7	13.783	11.7	0.5	2.5	3.0	5.6
7	14.0	24.8	19.4	59.3	13.470	11.1	0.0	0.0	0.0	4.3
8	14.5	20.0	17.1	88.8	17.233	15.2	19.2	0.0	19.2	0.0
9	14.0	22.5	17.9	78.5	15.850	13.9	0.1	0.0	0.1	2.7
10	14.0	21.0	17.7	75.7	14.947	13.0	1.3	0.0	1.3	5.0
11	13.0	24.5	17.7	65.8	12.868	10.7	1.5	0.0	1.5	9.0
12	13.0	25.0	19.4	62.1	13.445	11.3	0.0	0.0	0.0	7.1
13	13.8	24.8	18.8	75.3	15.948	13.9	0.1	30.6	30.7	3.3
14	13.5	20.5	17.7	76.5	14.947	13.0	0.0	8.5	8.5	0.9
15	14.5	21.6	17.5	80.6	15.902	13.9	1.7	0.0	1.7	0.9
16	14.0	25.0	19.7	64.2	14.166	12.1	0.0	4.0	4.0	7.8
17	15.2	24.0	18.7	74.2	15.584	13.6	0.4	0.0	0.4	4.1
18	14.0	24.1	18.6	68.3	14.284	12.3	0.0	0.0	0.0	6.3
19	14.5	23.5	19.1	66.4	14.184	12.2	0.1	5.3	5.4	7.1
20	14.0	20.8	17.1	79.0	15.217	13.2	0.0	26.6	26.6	1.7
21	12.8	19.0	16.1	84.9	15.131	13.2	0.0	0.0	0.0	0.6
22	13.0	22.0	17.6	78.3	15.316	13.3	0.0	1.1	1.1	3.2
23	13.0	21.0	17.3	80.6	15.735	13.7	1.0	0.0	1.0	1.4
24	14.2	20.4	16.3	81.0	15.125	13.1	4.9	3.6	8.5	1.1
25	13.6	17.0	15.2	93.4	16.126	14.1	5.4	0.0	5.4	2.0
26	12.0	23.2	17.8	67.1	13.252	11.1	0.0	0.0	0.0	4.6
27	13.0	24.2	18.9	65.7	13.656	11.6	0.0	0.0	0.0	4.7
28	14.7	22.4	16.8	81.0	15.703	13.7	13.3	1.2	14.5	5.1
29	12.8	23.5	17.7	82.8	16.365	14.3	0.2	33.0	33.2	8.2
30	12.6	20.4	14.6	89.3	14.663	12.7	1.0	0.0	1.0	1.7
PROM.	13.7	22.0	17.6	77.2	15.150	13.1	64.4	139.6	204.0	

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	11.6	22.5	17.1	75.9	14.580	12.5	0.0	0.0	0.0	
2	14.0	20.0	16.2	78.4	14.565	12.6	31.5	0.0	31.5	
3	13.5	20.5	15.3	88.2	15.457	13.5	9.1	8.8	17.9	
4	13.5	22.0	17.2	80.3	15.570	13.6	0.0	3.5	3.5	4.3
5	13.7	20.5	17.0	85.9	16.566	14.6	1.5	0.0	1.5	0.0
6	13.0	22.4	16.8	78.8	15.239	13.3	1.4	0.0	1.4	1.7
7	13.1	19.2	16.6	85.5	15.956	13.9	0.0	0.0	0.0	0.3
8	13.0	21.0	17.1	76.8	14.854	12.9	1.4	27.6	29.0	0.8
9	13.5	20.2	16.7	81.2	15.250	13.3	0.6	0.6	1.2	0.8
10	13.0	21.5	17.7	70.2	14.219	12.2	0.3	0.0	0.3	3.5
11	13.0	21.4	16.2	79.2	14.781	12.8	0.0	0.0	0.0	3.9
12	13.0	23.5	17.2	69.2	13.354	11.2	0.1	0.0	0.1	3.4
13	12.5	23.0	17.8	76.8	15.435	13.4	0.0	8.5	8.5	3.2
14	13.5	24.0	18.4	73.8	15.701	13.5	0.0	12.9	12.9	5.3
15	14.3	22.0	17.7	75.5	15.191	13.2	0.0	0.0	0.0	3.4
16	14.8	22.4	17.6	78.4	15.741	13.8	11.9	21.2	33.1	2.4
17	14.5	18.0	16.2	89.9	16.541	14.5	3.3	0.0	3.3	0.0
18	14.4	21.0	16.8	83.4	15.886	13.9	0.0	1.1	1.1	0.7
19	14.0	23.0	17.0	78.5	15.342	13.4	27.1	0.0	27.1	4.1
20	13.0	22.5	18.0	76.9	15.841	13.7	14.6	17.5	32.1	4.5
21	13.8	21.0	16.5	81.0	15.202	13.2	0.0	0.0	0.0	1.7
22	14.5	22.0	17.8	70.7	14.150	12.1	0.0	0.0	0.0	1.8
23	14.2	22.8	16.7	75.4	14.560	12.5	0.0	0.0	0.0	1.8
24	14.5	21.3	16.4	89.1	16.871	14.8	4.4	0.0	4.4	1.5
25	13.5	20.0	16.6	81.7	15.309	13.3	0.0	0.0	0.0	3.1
26	14.5	21.0	16.5	80.7	15.118	13.2	0.0	15.4	15.4	
27	13.5	16.5	14.8	95.4	16.001	14.0	7.3	17.8	25.1	0.4
28	13.3	16.0	14.4	90.6	15.003	13.1	6.5	0.0	6.5	0.0
29	12.5	19.5	15.6	84.5	15.104	13.1	0.6	9.5	10.1	
30	12.0	21.8	16.0	78.8	14.062	12.0	0.0	0.6	0.6	1.5
31	12.5	20.4	14.9	86.4	14.914	12.9	11.2	13.7	24.9	3.2
PROM.	13.5	21.1	16.7	80.6	15.238	13.2	132.8	158.7	291.5	

ESTACION: AGRONOMIA
 ALTITUD: 2.150

MUNICIPIO: MANIZALES AÑO: 1.987
 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	11.0	20.5	15.2	80.4	13.700	11.7	0.0	0.7	0.7	3.2
2	12.5	22.0	17.3	80.3	15.814	13.8	0.1	20.6	20.7	4.0
3	13.0	21.4	16.1	78.3	14.292	12.3	2.3	0.0	2.3	4.4
4	12.8	21.2	16.1	76.8	14.134	12.1	8.1	0.0	8.1	3.5
5	12.0	22.0	16.6	77.5	14.642	12.6	0.0	2.7	2.7	5.3
6	14.0	21.4	16.6	85.8	16.260	14.2	3.0	0.0	3.0	
7	13.5	22.0	17.1	76.6	15.232	13.2	0.1	0.0	0.1	6.1
8	13.5	23.4	17.8	71.0	14.450	12.4	0.0	0.0	0.0	7.9
9	13.8	24.0	19.2	63.2	13.378	11.3	0.0	0.0	0.0	6.9
10	14.0	25.0	19.0	71.6	15.243	13.3	0.8	0.0	0.8	6.9
11	14.2	22.4	17.6	74.9	14.960	13.0	0.0	0.0	0.0	5.0
12	14.4	23.0	17.8	70.9	14.320	12.3	0.0	0.0	0.0	5.0
13	13.8	23.5	17.9	76.2	15.547	13.5	0.3	0.0	0.3	4.9
14	13.7	23.0	18.0	79.6	16.296	14.2	0.5	23.1	23.6	4.4
15	14.0	21.3	16.6	81.0	15.545	13.6	7.7	0.0	7.7	
16	13.1	22.5	17.2	75.9	14.861	12.9	2.7	0.0	2.7	3.4
17	13.5	23.0	17.9	69.5	14.267	12.2	0.0	0.0	0.0	5.5
18	14.5	23.2	17.3	78.8	15.839	13.8	10.7	3.2	13.9	1.8
19	13.8	21.0	16.6	83.4	15.819	13.9	8.5	2.5	11.0	2.9
20	14.0	22.0	16.6	82.9	15.773	13.8	10.3	16.3	26.6	0.6
21	13.2	21.0	16.1	81.1	14.814	12.8	5.3	1.4	6.7	0.7
22	12.0	23.5	17.2	69.9	13.521	11.4	0.0	0.0	0.0	9.9
23	11.8	24.1	19.1	69.0	14.619	12.6	0.0	0.0	0.0	7.4
24	15.0	24.6	18.7	77.7	16.737	14.7	0.5	13.1	13.6	4.7
25	13.7	21.0	16.4	84.2	15.610	13.6	20.0	0.0	20.0	3.0
26	13.6	20.3	16.8	82.8	15.779	13.8	16.0	1.0	17.0	2.6
27	13.8	22.6	18.1	72.6	14.714	12.7	0.0	0.0	0.0	6.1
28	13.4	24.0	19.0	63.5	13.374	11.3	0.0	0.0	0.0	9.8
29	14.5	24.6	18.5	79.2	16.736	14.6	0.0	7.0	7.0	5.3
30	12.5	16.0	13.7	92.7	14.699	12.7	42.1	0.0	42.1	
PROM.	13.4	22.3	17.3	76.9	15.033	13.0	139.0	91.6	230.6	

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	11.4	21.8	16.9	70.8	13.151	10.8	0.4	5.2	5.6	
2	13.0	18.5	16.0	87.1	15.672	13.7	0.0	0.0	0.0	5.0
3	13.1	20.0	16.3	84.0	15.516	13.6	0.6	0.0	0.6	2.8
4	12.8	23.0	17.6	79.8	15.730	13.6	0.0	6.1	6.1	6.3
5	13.5	22.5	18.0	78.5	15.918	13.9	13.5	29.8	43.3	6.4
6	12.0	22.4	17.2	73.6	14.260	12.1	0.3	9.4	9.7	7.7
7	14.2	20.0	17.0	79.9	15.324	13.4	0.0	0.4	0.4	0.4
8	13.0	21.5	17.3	78.8	15.393	13.4	0.0	0.0	0.0	4.2
9	13.5	22.0	17.1	74.8	14.609	12.6	0.0	2.3	2.3	
10	13.0	21.0	16.7	76.9	14.543	12.5	0.6	0.0	0.6	10.2
11	13.2	23.4	18.7	70.5	14.707	12.7	0.0	0.0	0.0	7.4
12	14.5	24.0	19.1	71.2	15.293	13.3	0.0	0.0	0.0	6.2
13	15.0	23.5	18.7	77.5	16.394	14.3	0.0	0.0	0.0	6.0
14	14.0	23.0	18.5	74.5	15.508	13.5	0.0	0.0	0.0	3.6
15	14.0	24.0	19.1	72.5	15.650	13.6	0.0	0.0	0.0	6.1
16	14.2	24.5	19.2	65.4	14.068	12.0	0.0	0.0	0.0	9.0
17	12.3	24.8	18.0	68.5	13.517	11.4	0.0	0.0	0.0	7.9
18	13.0	25.0	18.1	63.3	12.696	10.5	0.0	0.0	0.0	9.6
19	15.0	24.7	19.9	67.6	15.033	13.1	0.0	0.0	0.0	8.6
20	15.4	23.0	18.9	73.4	15.758	13.8	0.0	0.0	0.0	1.9
21	14.5	25.6	18.9	60.9	12.976	10.8	0.0	0.0	0.0	3.4
22	13.5	25.5	19.0	50.2	10.829	8.0	0.0	0.0	0.0	8.1
23	13.4	26.0	19.5	54.1	11.850	9.4	0.0	0.0	0.0	9.7
24	13.6	24.0	18.1	66.2	13.673	11.5	0.0	0.0	0.0	8.7
25	13.5	25.0	19.2	66.9	14.347	12.3	0.0	0.0	0.0	1.9
26	14.0	23.0	18.5	74.5	15.468	13.4	0.0	0.0	0.0	3.3
27	12.8	25.0	18.6	68.3	14.182	12.1	0.0	3.2	3.2	5.9
28	15.0	22.0	17.4	84.4	16.766	14.7	1.5	9.1	10.6	0.0
29	14.5	21.0	16.2	83.7	15.612	13.7	1.7	6.3	8.0	3.7
30	14.0	23.5	18.4	77.1	15.929	13.5	0.1	0.0	0.1	2.7
31	13.5	23.6	18.9	66.9	14.331	12.3	0.0	0.0	0.0	9.5
PROM	13.6	23.1	18.1	72.3	14.668	12.6	18.7	71.8	90.5	

ESTACION: **AGRONOMIA**MUNICIPIO: **MANIZALES**AÑO: **1.987**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 Hluvias	
ENERO	12.6	23.3	17.6	11.0	26.0	73.7	14.410	12.4	45.6	13	164.7
FEBRERO	13.6	24.3	18.4	11.4	28.0	71.0	14.533	12.5	31.4	10	124.4
MARZO	13.4	22.8	17.6	11.0	26.0	75.9	14.995	13.0	117.8	18	113.7
ABRIL	14.1	22.0	17.7	13.0	25.0	76.7	15.280	13.3	125.5	16	80.0
MAYO	13.9	22.4	17.5	12.0	26.0	78.4	15.577	13.5	256.8	23	123.2
JUNIO	14.2	22.8	18.1	12.8	25.5	75.3	15.466	13.4	19.3	15	87.4
JULIO	14.2	22.8	18.0	13.0	24.8	76.7	15.523	13.5	122.0	19	86.9
AGOSTO	13.9	22.7	18.2	12.8	25.6	71.0	14.348	12.3	64.8	16	121.5
SEPTIEMBRE	13.7	22.0	17.6	12.0	25.0	77.2	15.150	13.1	204.0	24	
OCTUBRE	13.5	21.1	16.7	11.6	24.0	80.6	15.238	13.2	291.5	23	
NOVIEMBRE	13.4	22.3	17.3	11.0	25.0	76.9	15.033	13.0	230.6	21	
DICIEMBRE	13.6	23.1	18.1	11.4	26.0	72.3	14.668	12.6	90.5	12	
PHOMEDIO	13.7	22.6	17.7	11.9	25.6	75.5	15.018	13.0			
TOTAL									1599.8	210	

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO: PALESTINA AÑO: 1.987
 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	15.5	30.0	21.9	76.2	19.243	16.8	0.7	0.0	0.7	6.2
2	14.5	31.8	22.8	67.1	17.057	14.8	0.0	0.0	0.0	9.5
3	15.8	31.9	23.5	68.5	18.382	16.0	0.0	3.7	3.7	7.5
4	16.6	31.5	23.8	65.1	17.882	15.6	1.7	0.3	2.0	0.0
5	19.0	29.0	23.5	71.8	19.875	17.2	0.0	8.8	8.8	3.1
6	18.0	30.8	23.6	63.9	17.567	15.2	0.0	2.9	2.9	7.3
7	18.5	29.5	23.0	76.2	20.956	18.2	1.0	25.9	26.9	4.3
8	19.5	28.8	23.0	74.3	20.501	17.9	0.3	0.0	0.3	6.5
9	16.3	31.4	24.3	64.8	17.837	15.6	0.0	2.2	2.2	8.7
10	18.0	31.8	24.3	60.5	16.918	14.7	0.0	2.5	2.5	7.3
11	19.3	28.5	23.6	70.6	20.059	17.5	0.0	0.0	0.0	6.1
12	16.0	30.5	23.4	70.3	19.309	16.7	0.0	0.0	0.0	6.5
13	16.5	31.8	22.8	70.2	18.300	15.8	0.0	0.0	0.0	8.9
14	16.5	31.5	23.8	69.7	18.763	16.2	0.0	0.0	0.0	8.3
15	16.0	32.4	24.2	62.4	17.410	15.2	0.0	0.0	0.0	8.1
16	17.0	30.5	23.5	67.1	18.751	16.4	0.0	0.0	0.0	5.0
17	14.5	32.8	23.3	69.5	18.392	16.1	0.0	0.0	0.0	9.0
18	15.0	32.6	22.9	69.0	17.676	15.3	2.3	5.5	7.8	7.6
19	17.5	22.4	19.7	91.0	21.123	18.4	1.8	0.0	1.8	0.2
20	16.5	30.4	23.1	65.3	17.442	15.3	0.0	0.0	0.0	7.0
21	17.5	27.0	21.0	79.9	19.655	17.2	0.8	0.0	0.8	0.2
22	16.5	28.6	22.4	74.4	19.148	16.6	0.4	0.6	1.0	3.1
23	17.8	29.2	22.0	74.0	18.993	16.6	0.0	0.0	0.0	4.4
24	14.5	31.8	22.9	61.2	15.419	13.4	0.0	0.0	0.0	9.8
25	15.5	31.6	22.6	67.9	17.153	14.8	0.0	0.0	0.0	7.7
26	17.0	31.4	23.9	65.6	18.296	16.0	0.0	0.2	0.2	6.9
27	16.5	32.0	23.6	67.5	18.291	16.1	0.0	2.6	2.6	8.4
28	16.4	32.2	24.2	65.9	18.219	15.7	0.0	0.0	0.0	8.8
29	15.5	33.0	23.6	66.1	17.571	15.3	0.0	0.0	0.0	9.4
30	15.8	32.5	23.5	66.3	17.348	15.0	0.0	0.0	0.0	9.1
31	18.5	30.8	23.8	70.5	19.734	17.2	0.0	0.0	0.0	6.6
PROM.	16.7	30.6	23.1	69.4	18.493	16.1	9.0	55.2	64.2	201.5

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	33.8	25.0	61.2	17.649	15.3	0.0	0.0	0.0	9.0
2	15.0	33.8	23.9	64.5	16.842	14.4	0.0	0.0	0.0	9.2
3	17.0	31.0	23.5	69.1	18.606	16.0	0.0	0.0	0.0	3.3
4	14.5	33.5	24.0	61.6	16.035	13.9	0.0	0.0	0.0	8.3
5	16.8	31.8	24.2	66.4	18.407	16.0	0.0	0.2	0.2	2.9
6	19.0	33.4	25.1	60.9	17.825	15.4	0.0	0.0	0.0	9.3
7	18.0	33.0	25.1	60.6	17.754	15.5	0.0	1.0	1.0	7.3
8	18.8	32.2	24.2	67.5	19.118	16.5	0.0	0.0	0.0	3.8
9	15.0	31.0	23.7	64.5	17.242	14.9	0.0	0.0	0.0	8.3
10	15.0	33.0	24.7	63.2	17.488	15.3	0.0	0.0	0.0	3.9
11	18.5	31.8	24.8	66.1	19.440	16.8	0.0	0.0	0.0	3.1
12	19.0	30.0	21.6	77.3	19.620	17.0	9.5	1.1	10.6	1.6
13	16.4	25.5	20.4	81.3	19.230	16.9	0.3	0.0	0.3	3.3
14	15.5	28.0	21.8	74.6	18.432	15.9	0.3	0.1	0.4	4.3
15	15.4	27.8	22.5	71.6	18.270	15.9	0.0	0.4	0.4	3.9
16	18.0	30.5	24.3	68.5	19.482	17.0	0.0	0.0	0.0	1.6
17	19.0	28.8	23.6	72.6	20.470	17.8	0.0	0.0	0.0	7.1
18	18.0	33.0	24.9	59.6	16.826	14.6	0.0	0.9	0.9	6.2
19	18.4	32.5	25.3	59.3	17.681	15.1	0.0	0.0	0.0	8.5
20	18.5	33.5	26.2	57.6	17.499	15.2	0.0	1.6	1.6	6.9
21	19.5	33.5	26.3	58.5	17.837	15.3	0.0	0.0	0.0	7.4
22	18.6	33.8	26.5	57.5	17.595	15.1	0.0	0.0	0.0	9.1
23	17.0	35.0	25.4	57.0	16.174	13.7	0.0	0.0	0.0	9.1
24	16.5	33.5	24.3	58.9	16.310	14.0	0.0	0.0	0.0	6.9
25	16.0	33.4	25.9	60.6	17.586	15.2	0.0	0.0	0.0	8.0
26	16.2	35.8	25.9	58.1	16.382	13.9	0.0	0.0	0.0	9.8
27	16.8	35.4	27.0	57.4	17.875	15.4	0.0	0.2	0.2	7.9
28	17.5	35.0	26.0	58.5	18.090	15.5	0.0	0.0	0.0	8.2
PROM	17.2	32.3	24.5	64.1	17.920	15.5	10.1	5.5	15.6	178.2

ESTACION: SANTAGUEDA - FACULTAD

MUNICIPIO: PALESTINA

AÑO: 1.987

ALTITUD: 1.010

LATITUD: 5-05 N.

LONGITUD: 75-40 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	20.0	34.6	27.2	56.4	18.391	15.8	0.0	1.2	1.2	7.5
2	19.5	31.4	25.4	63.2	19.238	16.5	0.0	0.0	0.0	2.5
3	15.5	34.2	26.3	56.5	16.343	14.2	0.0	0.0	0.0	9.1
4	17.5	24.0	20.7	88.1	21.520	18.7	0.6	0.0	0.6	0.0
5	16.5	33.8	24.9	66.3	19.002	16.3	0.0	8.1	8.1	7.8
6	17.5	31.6	24.7	67.2	19.077	16.5	0.0	3.9	3.9	8.3
7	17.0	32.4	24.4	59.5	18.360	14.2	0.0	37.4	37.4	6.8
8	18.4	29.6	24.3	65.4	18.644	16.2	0.0	0.0	0.0	6.9
9	19.0	22.0	19.9	90.7	21.045	18.3	7.2	0.0	7.2	0.0
10	15.5	31.5	22.9	65.9	16.684	14.4	0.0	0.4	0.4	9.8
11	17.8	30.5	24.3	65.9	18.605	16.1	0.0	1.1	1.1	6.6
12	17.6	32.4	24.8	61.5	17.302	14.7	0.0	5.4	5.4	7.5
13	18.5	27.0	21.6	78.6	20.162	17.6	0.0	0.0	0.0	1.7
14	17.0	31.8	24.3	61.6	17.483	15.2	0.0	0.1	0.1	8.0
15	19.0	31.8	24.7	64.4	18.735	16.3	0.0	31.7	31.7	6.3
16	18.0	28.0	23.3	75.3	20.641	17.8	0.2	0.0	0.2	0.9
17	16.0	29.5	23.8	68.2	18.383	16.0	0.0	0.0	0.0	2.3
18	17.5	32.3	25.2	63.0	18.810	16.4	0.0	0.0	0.0	9.5
19	17.5	30.6	25.0	67.1	19.936	17.2	0.0	0.0	0.0	0.6
20	17.0	34.4	25.3	68.6	20.359	17.7	0.0	0.0	0.0	9.5
21	19.0	32.0	25.0	65.4	19.752	17.2	0.0	0.0	0.0	4.0
22	18.0	33.5	26.1	62.7	19.275	16.8	0.0	0.0	0.0	8.0
23	19.6	30.5	25.1	73.3	22.629	19.3	0.0	0.6	0.6	1.9
24	19.8	32.8	26.3	63.8	20.030	17.3	0.0	0.0	0.0	6.7
25	17.0	34.4	24.5	67.7	18.931	16.3	18.2	3.9	22.1	8.3
26	17.5	31.8	24.5	66.3	18.832	16.3	0.0	0.0	0.0	4.7
27	18.8	31.0	24.6	70.9	20.966	18.1	0.0	7.3	7.3	5.9
28	19.8	31.5	24.7	72.4	21.465	18.4	0.0	0.1	0.1	6.5
29	19.0	33.0	25.8	63.5	19.341	16.8	0.0	0.0	0.0	7.6
30	19.2	33.4	24.0	73.6	21.106	18.2	9.5	1.4	10.9	7.4
31	19.0	30.2	24.3	72.4	20.878	18.0	0.0	16.3	16.3	4.2
PROM.	18.0	31.2	24.4	67.9	19.352	16.7	35.7	118.9	154.6	176.8

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.6	30.1	23.9	77.5	22.145	18.9	1.2	0.5	1.7	6.7
2	19.0	25.2	21.2	85.7	21.652	18.8	24.6	8.2	32.8	0.2
3	18.6	23.0	20.8	87.6	21.197	18.4	0.1	0.1	0.2	0.0
4	18.0	30.0	23.6	69.7	19.043	16.6	0.0	4.9	4.9	5.0
5	18.6	27.8	22.2	79.5	21.188	18.4	0.0	0.0	0.0	2.8
6	17.0	32.6	24.6	64.6	18.069	15.7	0.0	0.8	0.8	8.4
7	18.5	32.8	26.1	65.8	20.355	17.4	0.0	0.0	0.0	5.8
8	20.5	29.4	23.9	72.6	21.122	18.3	2.0	5.4	7.4	4.3
9	17.0	30.5	24.3	72.4	20.561	17.7	0.0	0.0	0.0	8.4
10	18.0	30.0	25.4	62.3	19.011	16.6	0.0	0.0	0.0	3.3
11	18.8	30.5	24.9	70.5	20.820	17.8	0.0	0.0	0.0	7.7
12	18.0	33.4	24.8	66.9	19.451	16.8	0.0	3.6	3.6	9.1
13	19.5	31.8	25.3	67.5	20.570	17.8	0.0	0.0	0.0	7.5
14	18.3	32.0	25.8	62.7	19.137	16.6	0.0	0.0	0.0	7.5
15	19.5	33.0	25.7	61.5	18.646	16.1	0.0	0.0	0.0	8.5
16	20.0	32.4	26.6	63.3	20.777	17.9	0.0	0.0	0.0	6.2
17	18.5	32.6	25.9	66.1	20.608	17.7	0.0	24.5	24.5	7.2
18	18.5	30.8	24.5	70.8	20.425	17.5	0.0	0.0	0.0	5.1
19	17.0	32.8	24.9	71.6	21.507	18.6	0.0	0.0	0.0	5.9
20	18.8	32.0	25.2	72.0	22.189	19.1	0.0	3.5	3.5	4.3
21	18.5	30.6	24.6	70.7	21.090	18.3	0.0	0.0	0.0	3.9
22	19.4	29.0	24.7	73.1	21.744	18.7	0.0	0.0	0.0	0.0
23	19.2	29.8	24.4	71.1	20.971	18.2	0.0	0.0	0.0	0.4
24	19.5	25.0	21.5	92.6	23.757	20.2	3.9	17.5	21.4	0.0
25	18.4	29.8	21.1	80.8	20.086	17.5	14.7	2.0	16.7	0.0
26	19.0	29.4	22.4	79.1	21.229	18.5	0.0	0.0	0.0	3.7
27	17.4	32.0	24.3	68.0	19.235	16.8	0.0	37.4	37.4	6.2
28	17.8	28.5	23.7	75.0	21.379	18.5	0.0	7.5	7.5	2.7
29	19.4	28.4	23.1	75.8	20.937	18.2	4.4	1.1	5.5	5.3
30	19.5	25.5	21.9	82.6	21.581	18.7	0.7	26.7	27.4	1.1
PROM	18.6	30.0	24.0	72.6	20.683	17.9	51.6	143.7	195.3	137.0

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO: PALESTINA AÑO: 1.987
 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	19.0	23.5	21.4	84.1	21.151	18.3	0.7	0.0	0.7	0.0
2	17.0	30.0	23.8	72.5	20.248	17.5	0.0	38.0	38.0	5.2
3	16.5	31.2	23.7	74.8	20.743	18.0	0.0	0.0	0.0	7.1
4	18.5	28.0	22.6	75.9	20.149	17.5	0.0	5.8	5.8	3.2
5	17.5	28.5	22.8	71.8	19.184	16.7	0.2	0.8	1.0	4.5
6	18.6	28.6	23.2	75.3	21.019	18.2	0.5	0.0	0.5	5.2
7	19.4	31.2	25.4	61.2	18.374	16.0	0.0	4.7	4.7	6.7
8	18.5	30.0	24.6	73.5	21.830	18.2	0.0	0.0	0.0	6.0
9	19.5	31.4	25.0	71.6	21.634	18.6	0.0	8.1	8.1	6.1
10	20.0	30.2	25.2	66.8	20.421	17.8	0.0	0.0	0.0	4.7
11	17.5	32.8	23.6	66.2	18.461	16.1	0.0	0.0	0.0	9.4
12	19.4	31.0	25.0	71.7	21.811	18.8	0.0	0.0	0.0	5.2
13	19.5	32.5	26.5	61.1	19.877	17.2	0.0	14.8	14.8	8.0
14	20.5	33.5	26.1	72.3	22.966	19.5	0.0	20.1	20.1	7.4
15	19.5	31.9	24.8	73.1	22.206	19.0	2.0	111.8	113.8	5.2
16	19.8	26.4	23.4	76.3	21.335	18.5	1.0	0.0	1.0	0.1
17	19.8	30.2	25.1	64.3	19.114	16.7	0.0	1.1	1.1	6.1
18	19.8	30.0	24.7	72.2	21.614	18.7	0.1	0.0	0.1	6.7
19	19.5	32.2	25.9	62.8	19.497	16.5	0.0	0.0	0.0	6.5
20	19.5	30.2	24.1	74.0	21.446	18.4	1.9	4.9	6.8	3.5
21	19.8	28.2	24.4	75.5	22.354	19.2	0.0	20.8	20.8	1.7
22	19.8	29.2	23.6	77.9	22.217	19.1	4.2	14.0	18.2	3.4
23	19.5	29.6	23.7	67.6	18.900	16.4	0.7	8.1	8.8	4.3
24	18.8	30.0	24.3	74.2	21.385	18.4	0.0	0.0	0.0	5.2
25	19.5	31.0	25.3	66.2	19.829	17.2	0.0	0.2	0.2	6.4
26	19.8	29.6	22.5	77.2	20.955	18.2	4.7	10.4	15.1	4.1
27	18.6	29.8	24.0	71.4	20.082	17.4	0.0	0.0	0.0	7.3
28	19.5	32.3	25.9	65.7	20.407	17.6	0.0	0.0	0.0	8.8
29	19.8	31.8	26.1	67.0	21.066	18.1	0.0	0.0	0.0	6.5
30	19.8	31.5	26.0	65.3	20.489	17.7	0.0	0.0	0.0	6.2
31	19.5	33.4	26.3	65.3	20.864	18.0	0.0	0.0	0.0	7.5
PROM.	19.2	30.3	24.5	70.8	20.698	17.9	16.0	263.6	279.6	168.2

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	19.8	27.5	24.3	79.4	23.544	20.1	0.0	0.0	0.0	0.6
2	19.5	30.5	24.7	67.3	19.769	17.0	0.0	0.5	0.5	4.6
3	19.8	31.5	25.0	70.4	21.516	18.6	0.0	0.0	0.0	3.4
4	19.8	30.8	24.5	74.5	22.114	18.9	0.6	5.0	5.6	6.2
5	19.8	28.4	23.8	77.3	21.929	18.7	0.7	0.0	0.7	1.9
6	19.5	29.2	23.6	74.0	20.668	17.8	0.0	0.0	0.0	3.8
7	17.5	31.6	24.9	68.7	20.208	17.5	0.0	0.0	0.0	5.4
8	18.0	29.5	24.1	65.0	19.632	17.1	0.0	0.0	0.0	4.7
9	18.5	31.5	25.0	67.9	20.199	17.6	0.0	0.1	0.1	8.9
10	19.0	32.8	25.1	66.5	19.950	17.1	0.0	24.2	24.2	7.0
11	19.0	28.4	22.8	79.9	21.900	18.9	0.7	0.0	0.7	0.4
12	16.5	31.0	24.0	73.0	20.663	17.9	0.1	0.0	0.1	7.4
13	18.0	26.8	22.9	78.0	22.008	18.9	0.0	0.2	0.2	0.7
14	19.0	28.0	23.3	75.7	21.123	18.3	0.4	1.0	1.4	0.5
15	18.5	30.0	23.4	71.6	19.961	17.2	0.0	0.0	0.0	2.1
16	19.5	31.5	24.6	70.9	20.813	17.9	0.0	0.0	0.0	1.5
17	18.9	31.5	25.0	69.8	20.725	17.7	0.0	0.3	0.3	2.5
18	19.5	30.0	24.4	68.1	19.734	17.2	0.0	0.0	0.0	5.2
19	17.5	31.3	25.5	65.2	20.201	17.5	0.0	0.0	0.0	6.2
20	20.0	30.5	24.6	74.1	22.251	19.0	0.9	0.0	0.9	1.9
21	18.5	31.7	26.0	61.7	18.820	16.4	0.0	0.0	0.0	4.0
22	18.6	31.5	25.2	66.7	20.152	17.5	0.0	0.0	0.0	8.7
23	19.0	30.5	24.0	64.2	18.860	16.4	0.0	84.3	84.3	3.3
24	18.5	27.5	22.8	78.9	21.612	18.7	0.0	0.0	0.0	3.0
25	17.5	29.0	23.1	70.6	18.943	16.6	0.0	0.0	0.0	9.5
26	16.8	30.5	24.5	68.5	19.717	17.1	0.0	0.0	0.0	1.5
27	16.5	30.5	23.8	69.7	18.863	16.2	0.0	0.0	0.0	3.7
28	15.5	32.5	23.4	61.3	16.160	13.8	0.0	0.0	0.0	8.1
29	16.6	31.0	23.9	70.2	19.444	16.8	0.0	0.0	0.0	8.4
30	17.5	30.8	24.5	67.8	19.270	16.7	0.0	0.5	0.5	5.2
PROM.	18.4	30.3	24.2	70.6	20.358	17.6	3.4	116.1	119.5	130.3

ESTACION: SANTIAGUEDA - FACULTAD

MUNICIPIO: PALESTINA

AÑO: 1.987

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	18.6	31.5	25.0	64.0	18.870	16.4	0.0	0.0	0.0	2.9
2	18.0	31.8	24.8	58.8	17.166	15.1	0.0	0.0	0.0	7.7
3	20.0	29.5	23.8	74.2	21.267	18.1	1.0	0.1	1.1	3.6
4	18.6	30.5	25.0	65.3	19.508	17.0	0.0	0.2	0.2	5.1
5	18.5	31.1	23.4	74.0	20.418	17.7	0.2	0.0	0.2	5.7
6	17.8	31.4	24.2	64.8	18.361	16.1	0.0	0.0	0.0	4.5
7	18.8	31.0	23.8	69.8	19.725	17.1	0.4	0.0	0.4	4.6
8	18.4	31.5	24.3	66.9	19.086	16.6	0.0	0.0	0.0	5.2
9	18.5	31.5	25.1	65.3	19.524	16.9	0.0	27.9	27.9	5.7
10	18.5	31.0	24.5	71.7	20.883	18.0	1.8	0.0	1.8	6.9
11	19.0	30.5	25.2	63.9	18.821	16.4	0.0	0.6	0.6	6.4
12	19.0	32.0	26.9	57.2	18.225	15.8	0.0	0.0	0.0	6.4
13	19.5	31.5	25.5	66.6	20.446	17.7	0.0	0.0	0.0	9.8
14	19.0	30.5	24.6	66.7	19.478	16.7	0.0	0.3	0.3	6.6
15	20.0	31.5	25.4	64.9	19.986	17.2	0.0	0.0	0.0	5.6
16	19.0	31.5	25.7	64.6	19.885	17.1	0.0	6.4	6.4	6.2
17	19.5	25.5	20.8	87.6	21.745	18.8	16.2	3.7	19.9	1.2
18	18.5	27.5	23.4	76.0	21.072	18.3	0.2	0.3	0.5	3.6
19	17.5	32.0	24.2	68.2	19.183	16.6	0.0	0.0	0.0	7.2
20	17.0	29.0	22.4	74.0	19.011	16.6	0.0	0.0	0.0	7.0
21	16.0	31.5	24.2	63.8	17.500	15.2	0.0	2.8	2.8	8.0
22	17.8	29.8	24.2	67.4	19.263	16.6	0.0	0.0	0.0	5.7
23	17.8	31.0	24.5	64.3	18.231	15.9	0.0	23.4	23.4	8.1
24	18.4	29.0	24.1	72.4	20.547	17.8	0.0	5.1	5.1	5.8
25	18.5	30.8	24.9	67.0	19.761	16.9	0.0	0.1	0.1	6.9
26	19.0	29.5	24.0	70.3	20.426	17.6	0.0	0.0	0.0	1.6
27	19.4	28.5	23.4	75.4	21.226	18.3	0.0	0.0	0.0	3.1
28	19.5	29.5	23.4	71.2	19.804	17.3	0.1	0.0	0.1	7.0
29	19.0	29.5	23.1	75.5	20.493	17.6	6.7	2.6	9.3	4.5
30	17.5	28.5	23.1	70.5	18.702	16.1	0.0	23.0	23.0	4.9
31	18.0	27.9	22.7	79.2	21.152	18.2	1.1	19.4	20.5	3.5
PROM.	18.5	30.3	24.2	69.1	19.670	17.0	27.7	144.9	172.6	171.0

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.4	28.0	23.3	72.0	19.538	16.9	0.3	0.0	0.3	4.2
2	19.0	27.4	23.4	73.8	20.409	17.7	0.0	0.0	0.0	6.0
3	18.5	27.5	22.6	78.0	20.686	17.8	0.0	0.4	0.4	6.0
4	17.5	30.5	24.0	64.8	18.379	16.0	0.0	22.0	22.0	9.1
5	19.0	30.8	24.3	72.4	21.019	18.1	0.0	6.2	6.2	8.2
6	18.5	29.3	23.4	75.9	21.022	18.2	0.0	14.7	14.7	5.3
7	18.6	31.7	25.1	63.5	18.460	16.0	0.0	0.2	0.2	9.4
8	18.5	29.5	23.7	72.1	20.175	17.5	0.0	0.0	0.0	5.1
9	18.6	31.0	24.0	62.1	17.408	15.1	0.0	0.0	0.0	7.0
10	19.5	28.4	23.4	74.4	21.033	18.3	0.6	0.0	0.6	2.0
11	19.6	29.5	23.6	71.0	20.099	17.4	0.0	16.6	16.6	3.6
12	18.5	28.0	23.1	72.0	19.273	16.7	0.1	0.3	0.4	4.2
13	18.0	28.0	23.1	73.2	19.988	17.4	0.0	0.0	0.0	5.9
14	16.4	32.0	24.3	65.4	17.811	15.4	0.0	0.0	0.0	10.0
15	16.4	30.4	23.9	68.4	18.736	16.0	0.0	0.1	0.1	6.1
16	17.5	30.5	23.7	68.6	18.881	16.3	0.0	0.0	0.0	3.1
17	16.5	28.6	23.4	76.4	21.149	18.3	0.0	0.0	0.0	2.6
18	17.5	28.8	23.9	74.0	21.397	18.6	0.0	0.0	0.0	3.1
19	17.5	31.0	24.4	66.1	18.400	15.9	0.0	0.0	0.0	8.6
20	17.6	30.5	24.7	68.9	19.901	17.1	0.0	0.0	0.0	5.1
21	17.5	32.5	24.2	69.2	19.350	16.6	0.0	0.0	0.0	7.0
22	18.8	31.5	25.4	67.9	20.896	18.0	0.0	0.2	0.2	7.5
23	19.0	32.3	25.8	63.2	19.671	17.0	0.0	0.6	0.6	7.5
24	17.5	32.0	25.0	65.4	19.796	16.9	0.8	0.0	0.8	6.7
25	17.5	31.8	25.4	55.6	16.670	14.4	0.0	0.0	0.0	6.0
26	16.5	32.0	25.2	61.9	18.267	15.8	0.0	17.0	17.0	7.0
27	19.5	30.0	25.4	62.9	19.331	16.7	0.0	7.5	7.5	5.4
28	19.8	30.8	24.6	72.3	21.079	18.0	0.0	0.0	0.0	6.7
29	18.6	33.5	23.5	66.8	18.969	16.6	3.7	5.7	9.4	8.3
30	18.4	29.5	24.3	66.8	19.125	16.7	0.0	0.2	0.2	5.5
31	19.0	31.5	25.0	65.4	19.332	16.8	0.0	43.0	43.0	8.2
PROM.	18.2	30.3	24.2	68.7	19.556	16.9	5.5	134.1	139.6	190.4

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO: PALESTINA AÑO: 1.987
 ALTITUD: 1.010 LATITUD: 5-05 N. LONGITUD: 75-40 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.0	28.8	23.1	74.5	20.384	17.8	0.5	0.0	0.5	4.0
2	17.5	30.8	23.3	69.0	18.470	15.9	0.0	0.7	0.7	8.2
3	19.8	29.5	23.6	70.2	19.624	16.9	0.0	33.0	33.0	1.9
4	18.3	29.5	24.2	66.1	18.641	16.2	0.0	23.5	23.5	5.4
5	18.5	25.8	22.5	82.6	22.019	18.9	0.4	0.0	0.4	1.9
6	18.0	31.5	23.5	72.1	19.914	17.4	0.0	4.4	4.4	7.1
7	17.5	31.5	24.8	67.9	19.751	17.0	0.0	32.6	32.6	6.1
8	19.5	28.5	22.9	75.8	20.824	18.1	0.0	0.0	0.0	4.2
9	18.5	29.5	23.8	70.3	19.704	16.9	0.0	1.5	1.5	2.7
10	19.0	30.5	23.3	70.3	19.249	16.7	0.0	0.0	0.0	6.2
11	15.5	32.0	24.2	60.5	16.407	14.1	0.0	0.0	0.0	9.8
12	17.7	31.5	24.7	67.0	19.157	16.5	0.0	0.0	0.0	7.7
13	18.5	32.3	25.0	58.9	17.601	15.4	0.0	38.8	38.8	6.7
14	18.5	29.0	24.0	69.0	19.287	16.8	0.4	0.9	1.3	4.8
15	18.8	29.8	23.9	73.0	20.799	17.9	0.0	0.0	0.0	8.1
16	17.0	32.5	24.7	64.0	18.083	15.6	0.0	2.7	2.7	9.7
17	19.5	31.0	24.8	70.2	20.590	17.6	0.0	0.0	0.0	7.4
18	18.5	31.4	24.3	65.9	18.672	16.2	0.0	0.0	0.0	7.3
19	18.5	31.5	25.4	63.3	19.358	16.8	0.0	11.1	11.1	8.4
20	17.8	29.1	22.6	68.5	18.121	15.8	0.0	9.2	9.2	4.1
21	17.5	27.3	22.6	73.6	19.588	17.0	0.0	0.0	0.0	4.3
22	18.5	29.0	23.4	71.1	19.612	16.9	0.0	3.0	3.0	5.2
23	18.5	29.0	23.0	70.8	19.221	16.8	0.3	0.0	0.3	2.2
24	18.0	29.0	23.3	67.5	18.588	16.1	0.1	0.0	0.1	5.6
25	19.0	25.5	21.3	81.8	21.040	18.2	0.8	0.0	0.8	0.1
26	16.5	30.0	23.3	72.8	19.604	17.0	0.0	0.0	0.0	5.6
27	18.0	32.0	23.8	61.3	16.976	14.8	0.0	0.0	0.0	8.1
28	18.4	29.9	22.4	76.4	20.651	18.0	22.8	9.9	32.7	3.4
29	16.5	30.8	22.0	76.2	19.263	16.6	22.5	48.7	71.2	8.1
30	18.4	24.8	21.3	79.1	19.626	17.1	0.1	0.0	0.1	1.0
PROM.	18.2	29.7	23.5	70.3	19.361	16.8	47.9	220.0	267.9	165.3

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	29.0	22.1	70.2	17.561	15.1	0.0	0.0	0.0	5.5
2	19.5	29.8	24.1	71.7	20.725	18.0	1.7	1.4	3.1	6.3
3	18.5	30.0	23.5	71.2	19.688	17.2	0.0	22.4	22.4	6.2
4	18.8	29.0	23.0	72.1	19.618	17.0	4.3	6.7	11.0	5.6
5	18.5	29.0	22.6	76.8	20.412	17.7	4.5	1.1	5.6	4.1
6	18.0	30.5	24.1	73.6	20.823	17.7	0.0	3.6	3.6	4.3
7	19.9	27.3	23.9	77.4	22.270	19.0	0.0	21.5	21.5	1.0
8	19.0	28.0	22.6	77.0	20.494	17.7	0.0	32.5	32.5	2.1
9	18.0	27.0	22.6	73.8	19.332	16.8	0.0	0.0	0.0	1.8
10	17.5	30.5	24.3	71.7	20.480	17.6	0.0	0.0	0.0	6.6
11	18.5	25.4	20.2	91.9	21.842	18.9	26.0	0.0	26.0	2.9
12	17.5	30.5	23.4	75.0	21.864	18.9	24.0	0.0	24.0	5.5
13	17.0	30.8	23.8	74.7	21.479	18.6	0.2	1.3	1.5	7.3
14	18.5	31.4	24.4	64.9	18.755	16.3	0.0	3.8	3.8	7.9
15	18.5	30.0	24.3	69.1	19.806	17.1	0.0	0.0	0.0	4.9
16	19.5	30.0	24.0	72.0	20.918	18.2	0.0	4.8	4.8	4.3
17	19.5	26.5	22.6	81.7	22.262	19.2	0.0	0.0	0.0	0.0
18	19.0	29.0	24.3	73.5	21.785	18.8	0.0	0.0	0.0	1.9
19	19.5	30.0	23.9	72.2	20.792	18.1	0.0	0.0	0.0	4.4
20	17.0	30.8	24.3	67.4	19.962	17.4	0.0	18.0	18.0	9.1
21	18.5	26.4	21.8	76.2	19.628	17.1	0.0	0.0	0.0	0.0
22	18.5	30.0	23.7	71.7	20.128	17.5	0.9	29.7	30.6	5.3
23	19.0	30.5	23.5	73.5	20.715	17.9	0.0	0.0	0.0	5.0
24	18.5	30.3	23.0	68.2	18.612	16.2	3.7	0.0	3.7	3.7
25	18.0	30.0	22.5	75.2	19.890	17.4	0.0	55.0	55.0	4.2
26	18.5	30.0	23.8	74.4	21.118	18.1	0.4	15.1	15.1	5.2
27	19.0	27.0	22.5	78.3	21.028	18.2	0.4	43.1	43.5	1.2
28	18.5	22.5	20.5	90.6	21.913	18.9	10.1	0.0	10.1	0.0
29	19.3	28.5	23.3	72.9	20.108	17.5	8.9	9.1	18.0	3.5
30	18.5	29.3	22.9	75.2	20.501	17.8	0.0	0.1	0.1	2.3
31	18.5	30.5	23.4	75.1	20.570	17.7	14.6	7.2	21.8	6.4
PROM.	18.5	29.0	23.2	74.5	20.486	17.7	99.3	276.4	375.7	129.3

ESTACION: SANTIAGUEDA - FACULTAD

MUNICIPIO: PALESTINA

AÑO:

1.987

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	18.0	30.0	22.9	68.7	18.257	15.6	0.0	0.0	0.0	0.2
2	18.4	30.5	24.6	61.7	18.086	15.7	0.0	12.5	12.5	8.7
3	17.8	28.5	22.9	68.9	18.647	16.1	0.1	0.0	0.1	5.8
4	17.5	30.6	23.8	66.6	18.337	15.8	0.0	4.2	4.2	5.8
5	18.8	30.6	24.6	67.3	19.814	17.1	0.0	0.0	0.0	5.4
6	19.0	30.6	24.2	68.2	19.638	17.0	0.0	0.0	0.0	5.7
7	18.8	30.0	24.2	69.0	19.839	17.1	0.0	0.0	0.0	4.6
8	16.3	31.2	24.0	69.3	19.581	17.0	0.0	0.0	0.0	6.5
9	17.6	32.5	24.2	67.3	18.713	16.1	0.0	0.0	0.0	8.2
10	17.5	32.0	25.1	67.2	20.297	17.5	0.0	0.0	0.0	7.5
11	18.5	32.5	24.9	66.2	19.786	17.1	0.0	0.0	0.0	7.4
12	17.6	31.6	25.0	63.3	18.741	15.9	0.0	9.2	9.2	5.5
13	18.5	30.5	24.2	72.6	21.043	18.0	1.6	0.2	1.8	6.2
14	20.0	29.9	24.0	73.0	20.914	17.8	0.0	18.3	18.3	4.9
15	18.5	29.4	22.8	76.5	20.684	17.9	0.0	0.0	0.0	4.6
16	18.4	30.0	23.4	70.5	19.444	16.8	0.0	0.0	0.0	4.5
17	17.5	30.5	24.1	69.1	19.332	16.7	0.0	1.7	1.7	7.0
18	19.5	29.5	24.1	65.2	18.900	16.4	0.0	27.5	27.5	3.1
19	18.5	29.0	22.7	79.1	21.558	18.7	4.7	2.4	7.1	1.8
20	19.5	29.9	23.2	74.3	20.642	18.0	0.0	2.3	2.3	4.9
21	18.5	27.5	22.2	72.1	18.921	16.6	0.0	0.0	0.0	1.0
22	15.5	31.0	22.9	69.0	18.178	15.8	0.0	0.0	0.0	9.4
23	15.5	31.5	24.6	65.8	18.735	16.1	0.0	0.0	0.0	9.3
24	19.6	31.3	25.4	60.5	18.524	16.1	0.1	40.9	41.0	7.1
25	17.5	27.8	23.1	73.0	20.158	17.3	0.0	0.0	0.0	2.1
26	17.5	27.3	22.4	73.1	19.187	16.7	0.0	0.0	0.0	3.3
27	19.1	30.8	24.0	65.5	18.853	16.4	0.0	0.0	0.0	7.4
28	16.8	31.8	24.4	61.7	17.625	15.1	0.0	0.0	0.0	8.4
29	18.6	32.3	25.1	59.7	17.822	15.3	0.0	14.6	14.6	7.1
30	19.6	23.0	19.7	93.8	21.845	18.9	22.8	0.0	22.8	0.3
PROM.	18.1	30.1	23.8	69.3	19.403	16.8	29.3	133.8	163.1	163.7

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	16.8	29.8	23.2	72.8	19.790	17.3	0.0	2.1	2.1	7.3
2	17.8	28.0	22.5	75.7	19.977	17.3	11.7	1.5	13.2	1.6
3	18.3	29.6	23.1	70.0	18.590	16.0	0.0	38.5	38.5	6.8
4	18.0	30.6	24.3	63.7	18.230	15.9	0.0	5.5	5.5	6.1
5	19.8	30.5	24.4	73.1	21.235	18.2	0.0	14.0	14.0	7.1
6	17.5	30.3	23.2	71.5	19.437	17.0	0.0	18.9	18.9	7.7
7	18.0	28.5	22.8	73.6	19.948	17.4	0.5	0.8	1.3	2.7
8	18.0	30.8	23.9	66.5	18.620	16.2	0.0	0.3	0.3	6.5
9	18.5	29.5	24.4	61.2	17.425	15.1	0.1	0.0	0.1	7.3
10	18.5	28.4	22.0	68.9	17.555	15.2	0.0	0.0	0.0	7.8
11	18.3	31.4	23.6	62.5	17.477	15.2	0.0	0.0	0.0	5.8
12	18.5	31.5	24.3	65.1	18.684	16.2	0.0	0.0	0.0	9.0
13	19.0	31.4	23.4	60.5	16.713	14.4	0.0	0.0	0.0	5.0
14	19.0	30.5	23.6	68.1	19.067	16.6	0.0	0.0	0.0	6.0
15	18.0	31.3	23.9	65.3	18.396	16.0	0.0	0.0	0.0	8.0
16	18.5	32.0	23.7	60.2	16.650	14.3	0.1	0.0	0.1	8.2
17	15.6	31.3	23.4	58.1	15.172	12.2	0.0	0.0	0.0	8.6
18	14.5	30.5	22.6	61.2	15.227	13.0	0.0	0.0	0.0	8.7
19	15.5	31.0	23.2	64.0	16.859	14.5	0.0	0.0	0.0	6.9
20	18.0	29.0	23.5	73.6	21.187	18.4	0.0	0.0	0.0	6.1
21	17.0	32.2	22.7	60.4	15.369	13.0	0.0	0.0	0.0	8.2
22	14.5	32.1	23.0	70.9	18.830	16.4	0.0	0.0	0.0	8.6
23	14.5	32.5	23.0	72.1	18.851	16.3	0.0	0.0	0.0	9.1
24	15.5	30.8	22.1	75.6	19.562	17.1	0.0	0.0	0.0	8.9
25	13.5	32.0	22.2	75.4	19.549	17.0	0.0	0.0	0.0	1.1
26	18.5	29.3	23.0	79.2	21.751	18.8	0.0	0.0	0.0	1.9
27	17.0	31.8	23.1	75.5	20.901	18.2	0.0	6.8	6.8	6.5
28	19.0	28.0	23.1	78.6	22.115	19.1	0.1	1.0	1.1	4.2
29	19.5	30.0	24.1	76.0	22.474	19.3	0.0	19.7	19.7	4.8
30	19.0	29.3	23.1	79.2	22.183	19.1	0.0	0.0	0.0	5.4
31	15.5	30.0	22.3	74.4	19.390	17.0	0.0	0.0	0.0	9.3
PROM.	17.4	30.5	23.2	69.4	18.942	16.4	12.5	109.1	121.6	201.2

ESTACION: SANTIAGUEDA - FACULTAD MUNICIPIO PALESTINA AND 1.987
 ALTITUD: 1.010 LATITUD: 5-05 N. LONGITUD: 75-40 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocio °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias luvias	
	ENERO	16.7	30.6	23.1	14.5				33.0	69.4	
FEBRERO	17.2	32.3	24.5	14.5	35.8	64.1	17.920	15.5	15.6	9	178.2
MARZO	18.0	31.2	24.4	15.5	34.6	67.9	19.352	16.7	154.6	18	176.8
ABRIL	18.6	30.0	24.0	17.0	33.4	72.6	20.683	17.9	195.3	15	137.0
MAYO	19.2	30.3	24.5	16.5	33.5	70.8	20.698	17.9	279.6	19	168.2
JUNIO	18.4	30.3	24.2	15.5	32.8	70.6	20.358	17.6	119.5	13	130.3
JULIO	18.5	30.3	24.2	16.0	32.0	69.1	19.670	17.0	172.6	20	171.0
AGOSTO	18.2	30.3	24.2	16.4	33.5	68.7	19.556	16.9	139.6	17	190.4
SEPTIEMBRE	18.2	29.7	23.5	15.5	32.5	70.3	19.361	16.8	267.9	20	165.3
OCTUBRE	18.5	29.0	23.2	15.5	31.4	74.5	20.486	17.7	375.7	22	129.3
NOVIEMBRE	18.1	30.1	23.8	15.5	32.5	69.3	19.403	16.8	163.1	13	163.7
DIEMBRE	17.4	30.5	23.2	13.5	32.5	69.4	18.942	16.4	121.6	13	201.2
PROMEDIO	18.1	30.4	23.9	15.5	33.1	69.7	19.577	16.9			
TOTAL									2069.3	194	2012.9

ESTACION: SANTIAGUEDA - LUKER

MUNICIPIO: PALESTINA

AÑO:

1.987

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	16.5	29.0	21.5	78.7	19.406	16.9	0.7	0.0	0.7	5.9
2	14.0	30.8	22.6	69.7	17.500	15.2	0.0	0.0	0.0	8.2
3	15.5	30.2	22.8	68.3	17.486	15.2	0.0	0.0	0.0	7.5
4	17.2	30.5	23.2	67.6	18.271	15.9	0.4	2.7	3.1	7.2
5	18.0	28.5	23.2	74.9	20.529	17.7	0.1	9.6	9.7	2.7
6	18.0	30.0	23.1	74.3	20.157	17.5	0.0	2.9	2.9	6.9
7	18.5	28.2	22.9	77.4	21.096	18.3	10.1	18.7	28.8	3.6
8	19.0	28.0	22.8	75.7	20.541	17.8	0.6	0.0	0.6	4.0
9	16.0	30.5	22.8	70.2	18.227	15.8	0.0	1.0	1.0	8.1
10	17.5	30.4	23.6	70.4	19.344	16.7	0.0	2.2	2.2	7.2
11	17.0	30.0	22.6	78.5	21.202	18.4	0.2	0.9	1.1	2.0
12	18.0	30.5	23.6	72.0	19.914	17.1	0.0	0.0	0.0	6.5
13	17.5	31.4	23.2	71.5	19.203	16.6	0.0	0.0	0.0	8.8
14	17.0	31.0	23.4	68.4	18.223	15.8	0.0	0.2	0.2	8.0
15	17.0	31.5	23.7	65.9	17.915	15.6	0.0	0.0	0.0	8.1
16	18.0	30.0	23.4	72.6	20.250	17.7	0.0	0.0	0.0	5.6
17	15.5	31.8	23.7	65.7	17.450	15.0	0.0	0.0	0.0	9.0
18	16.0	31.5	22.3	64.4	16.409	14.3	0.0	8.5	8.5	7.8
19	18.0	23.0	20.7	90.0	22.179	19.2	1.9	0.0	1.9	0.0
20	18.0	30.0	23.0	70.8	18.913	16.3	0.0	0.0	0.0	7.1
21	17.0	26.4	22.0	79.9	21.050	18.3	0.5	0.0	0.5	0.6
22	17.5	28.6	22.6	77.2	20.433	17.6	0.5	6.6	7.1	4.0
23	18.0	29.0	22.9	73.7	19.782	17.2	0.0	0.0	0.0	4.5
24	15.5	31.0	22.9	68.3	17.516	15.3	0.0	0.0	0.0	9.9
25	16.5	30.2	23.9	66.2	18.715	16.3	0.0	0.0	0.0	8.3
26	17.0	31.0	23.8	70.6	19.706	17.0	0.0	3.8	3.8	6.6
27	17.0	31.5	24.3	67.8	18.960	16.5	0.0	3.9	3.9	9.4
28	17.5	31.3	24.6	66.8	18.947	16.4	0.0	0.0	0.0	6.7
29	16.5	32.0	23.5	69.2	18.601	16.2	0.0	0.0	0.0	9.0
30	17.0	31.3	23.3	73.7	19.700	17.0	0.0	0.0	0.0	8.1
31	18.0	30.0	23.8	65.5	18.240	15.7	0.0	0.0	0.0	4.6
PROM.	17.1	30.0	23.1	71.8	19.221	16.7	15.0	61.0	76.0	195.9

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	19.0	32.0	24.5	67.7	19.460	16.9	0.0	0.0	0.0	9.6
2	16.5	32.5	24.3	60.5	16.446	14.0	0.0	0.0	0.0	9.4
3	18.0	30.0	22.8	69.5	17.957	15.4	0.0	0.0	0.0	3.8
4	15.0	32.5	23.7	66.7	17.355	14.8	0.0	0.0	0.0	8.8
5	18.0	31.0	23.9	68.1	18.950	16.4	0.0	0.0	0.0	3.6
6	19.0	31.6	24.6	64.5	18.723	16.3	0.0	0.0	0.0	9.3
7	17.5	31.5	24.8	62.5	18.388	16.1	0.0	1.8	1.8	6.5
8	18.5	30.5	24.3	68.3	19.561	17.0	0.0	0.0	0.0	7.1
9	16.0	30.5	23.7	69.9	19.133	16.6	0.0	0.0	0.0	5.1
10	16.5	32.0	24.5	65.1	18.137	15.9	0.0	0.0	0.0	8.6
11	19.5	30.2	24.4	68.0	19.884	17.3	0.0	2.3	2.3	4.6
12	19.5	29.4	22.2	77.5	20.952	18.2	4.7	3.2	7.9	3.4
13	17.0	25.5	21.0	83.8	20.737	18.1	1.6	0.0	1.6	1.8
14	16.5	28.5	21.9	74.2	18.559	16.2	0.0	0.0	0.0	4.1
15	16.5	27.5	21.8	74.1	18.573	16.1	0.0	0.0	0.0	4.4
16	18.0	30.0	24.4	67.7	19.801	17.3	0.1	0.0	0.1	6.5
17	19.0	29.0	23.6	70.7	19.946	17.4	0.0	0.0	0.0	2.9
18	19.0	32.0	25.2	60.3	17.660	15.1	0.0	1.2	1.2	8.0
19	20.0	32.0	25.8	60.5	18.546	16.0	0.0	0.0	0.0	7.0
20	19.5	32.5	25.9	64.3	20.363	17.7	0.0	0.0	0.0	9.2
21	19.5	32.2	25.6	62.1	19.184	16.7	0.0	0.0	0.0	8.3
22	19.5	33.0	26.3	59.8	18.968	16.5	0.0	0.0	0.0	9.8
23	18.0	34.0	25.3	59.5	16.932	14.4	0.0	0.0	0.0	9.7
24	17.5	33.0	25.2	60.3	17.503	15.0	0.0	0.0	0.0	7.5
25	17.0	33.5	25.9	58.4	17.603	15.1	0.0	0.0	0.0	9.3
26	17.0	35.0	25.7	60.9	17.697	15.2	0.0	0.0	0.0	9.4
27	19.5	34.5	27.3	55.8	17.776	15.4	0.0	0.0	0.0	8.8
28	19.0	33.5	25.0	59.3	17.341	15.0	0.0	0.0	0.0	9.0
PROM.	18.1	31.4	24.4	65.7	18.648	16.1	6.4	8.5	14.9	195.5

ESTACION: SANTAGUEDA - LUKER MUNICIPIO: PALESTINA AÑO: 1.987
 ALTITUD: 1.020 LATITUD: 5-05 N. LONGITUD: 75-41 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.5	33.4	26.3	54.9	16.943	14.5	0.0	3.5	3.5	7.9
2	18.5	30.2	23.9	71.2	20.290	17.5	0.4	0.1	0.5	2.8
3	16.5	33.0	25.4	61.4	17.497	15.2	0.0	0.0	0.0	9.9
4	18.5	23.5	20.7	84.3	20.835	18.2	0.4	0.0	0.4	0.0
5	17.5	32.4	25.3	59.4	17.233	14.8	0.0	17.2	17.2	9.0
6	18.0	30.5	24.5	60.8	16.945	14.7	0.0	10.4	10.4	8.0
7	17.0	30.8	24.7	59.7	16.816	14.6	0.0	16.2	16.2	7.5
8	19.0	29.0	23.7	65.8	18.488	16.1	0.0	0.0	0.0	6.5
9	19.0	22.2	20.2	91.4	21.710	18.8	9.3	0.0	9.3	0.0
10	17.0	30.5	23.2	67.2	17.792	15.5	0.0	0.4	0.4	10.0
11	18.0	30.0	24.2	62.9	17.728	15.5	0.0	0.6	0.6	7.6
12	18.0	31.5	24.5	60.6	17.001	14.6	0.0	5.7	5.7	8.3
13	18.6	27.0	21.9	78.2	20.518	17.9	0.0	0.0	0.0	0.4
14	18.0	31.0	24.1	64.4	17.949	15.6	0.0	0.0	0.0	8.0
15	19.0	30.4	24.7	66.3	19.476	16.9	0.0	48.1	48.1	6.3
16	18.0	28.0	22.5	79.3	21.123	18.3	0.6	0.0	0.6	0.9
17	16.0	30.0	23.2	68.6	18.218	16.0	0.0	0.0	0.0	2.5
18	18.5	31.5	24.6	66.7	19.464	16.9	0.0	0.0	0.0	8.8
19	18.5	30.5	24.6	66.1	19.216	16.7	0.0	0.0	0.0	2.5
20	18.0	33.5	25.8	60.4	17.922	15.5	0.0	0.0	0.0	9.6
21	20.0	31.8	24.5	66.7	19.823	17.3	0.0	0.0	0.0	4.9
22	18.0	33.0	25.7	65.1	19.738	17.1	0.0	0.0	0.0	8.4
23	19.8	29.5	25.2	67.0	20.190	17.5	0.0	0.6	0.6	2.2
24	19.5	32.5	25.4	58.7	17.690	15.2	0.0	0.0	0.0	7.0
25	17.5	33.0	24.0	59.9	16.564	14.3	16.8	3.8	20.6	8.7
26	18.0	30.5	24.5	68.9	19.834	17.2	0.0	0.0	0.0	5.7
27	19.0	30.4	24.7	63.8	18.739	16.3	0.0	16.7	16.7	6.7
28	19.5	31.0	24.5	70.1	20.526	17.8	0.0	4.6	4.6	5.9
29	18.5	32.3	25.3	66.0	19.985	17.2	0.0	0.0	0.0	6.4
30	19.0	32.5	23.3	74.4	20.454	17.5	13.3	0.8	14.1	7.5
31	19.0	29.4	24.3	70.0	20.316	17.6	0.0	17.5	17.5	4.5
PROM.	18.4	30.5	24.2	67.1	18.936	16.4	40.8	146.2	187.0	184.4

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	19.0	30.0	23.2	74.7	20.492	17.6	3.4	0.0	3.4	3.7
2	19.5	25.5	21.6	82.6	21.459	18.6	18.7	19.5	38.2	0.0
3	19.0	23.5	20.9	83.5	20.448	17.8	0.4	0.1	0.5	0.0
4	18.5	30.0	22.8	66.4	17.817	15.4	0.0	0.6	0.6	5.4
5	18.5	27.0	21.7	75.7	19.781	17.3	0.0	0.0	0.0	3.3
6	18.0	32.5	24.8	67.1	19.407	16.2	0.0	0.2	0.2	8.0
7	19.0	32.5	26.4	63.1	19.771	17.0	0.0	0.0	0.0	6.0
8	20.0	29.0	22.9	72.0	20.310	17.7	1.4	7.1	8.5	1.5
9	17.5	30.5	23.9	69.1	19.255	16.8	0.0	0.0	0.0	8.6
10	18.0	29.2	24.0	71.1	20.271	17.6	0.0	3.0	3.0	4.0
11	18.5	30.5	24.8	70.6	21.199	18.4	0.0	0.0	0.0	7.9
12	18.5	33.0	25.0	66.0	19.863	17.2	0.0	7.9	7.9	9.6
13	19.5	31.5	24.5	70.6	20.835	18.1	0.0	0.0	0.0	6.4
14	18.0	31.6	24.6	63.4	18.256	15.7	0.0	0.0	0.0	8.1
15	19.5	32.0	25.5	61.4	18.737	16.2	0.0	0.0	0.0	7.9
16	20.0	32.5	25.9	54.1	17.467	15.2	0.0	0.0	0.0	8.0
17	18.6	31.5	25.0	65.2	19.281	16.7	0.0	19.3	19.3	8.4
18	18.5	30.0	24.1	73.9	21.406	18.5	0.0	0.0	0.0	3.4
19	17.0	31.8	24.3	69.1	19.413	16.8	0.0	0.0	0.0	7.5
20	19.0	31.4	24.5	71.0	20.683	17.2	0.0	1.8	1.8	4.5
21	20.0	30.0	24.4	73.6	21.745	18.8	0.1	0.0	0.1	4.7
22	19.5	29.0	23.6	72.6	20.723	18.0	0.0	0.0	0.0	0.5
23	19.5	29.5	24.5	70.1	21.101	18.2	0.0	0.6	0.6	2.2
24	19.5	25.0	21.4	93.5	24.065	20.4	2.4	7.3	9.7	0.0
25	19.0	28.4	21.7	80.8	20.936	18.1	17.9	2.2	20.1	3.4
26	18.5	29.2	22.3	76.9	20.374	17.7	0.7	0.0	0.7	6.2
27	17.5	30.5	24.2	70.0	20.054	17.4	0.0	73.2	73.2	5.2
28	17.5	27.5	22.3	82.5	21.729	18.8	0.0	10.2	10.2	3.4
29	19.0	27.6	21.7	80.6	20.624	17.8	3.4	1.2	4.6	6.6
30	19.0	26.0	21.9	82.2	21.546	18.6	0.0	0.0	0.0	0.6
PROM	18.8	29.6	23.6	72.4	20.302	17.6	48.4	154.2	202.6	145.0

ESTACION: SANTAGUEDA - LUKER

MUNICIPIO: PALESTINA

AÑO: 1.987

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	18.5	24.2	21.4	86.6	21.988	19.0	2.2	0.0	2.2	0.0
2	17.0	29.5	22.3	78.2	20.354	17.6	8.4	48.5	56.9	6.2
3	16.5	29.0	23.0	72.8	19.711	17.1	0.0	4.9	4.9	7.5
4	19.0	27.5	22.1	78.0	20.376	17.7	5.0	0.0	5.0	1.9
5	17.0	29.8	23.0	74.5	20.271	17.6	0.0	0.9	0.9	5.3
6	18.5	28.0	22.9	75.2	20.676	17.9	0.3	0.0	0.3	4.8
7	19.0	30.5	24.8	68.4	20.159	17.4	0.0	12.6	12.6	6.9
8	18.0	29.0	23.6	74.0	20.912	18.1	0.0	0.0	0.0	6.3
9	19.5	30.0	24.5	71.3	21.033	18.1	0.0	8.7	8.7	6.5
10	20.0	28.5	24.3	70.6	20.559	17.9	0.0	0.0	0.0	4.4
11	17.0	32.2	25.5	68.6	20.636	17.6	0.0	0.0	0.0	9.2
12	19.0	30.5	25.2	67.6	20.747	18.0	0.0	0.0	0.0	5.7
13	19.5	30.4	25.6	63.0	19.345	16.8	0.0	5.4	5.4	7.6
14	19.5	30.0	24.2	69.3	20.024	17.4	0.0	12.1	12.1	8.0
15	19.0	28.8	22.8	76.1	20.626	17.8	1.6	79.1	80.7	6.0
16	18.5	24.0	20.9	85.6	21.108	18.4	1.2	12.3	13.5	0.1
17	17.5	28.0	23.2	66.4	17.884	15.6	0.0	1.9	1.9	6.0
18	18.5	28.5	22.8	76.8	20.797	18.0	0.0	0.0	0.0	5.6
19	19.0	30.5	23.9	69.3	19.712	17.1	0.0	0.0	0.0	7.0
20	18.0	28.5	22.3	77.5	20.673	18.0	1.6	10.8	12.4	3.8
21	18.5	26.5	22.3	78.2	20.689	18.0	0.0	15.2	15.2	2.0
22	18.0	26.8	21.4	81.0	20.617	18.0	1.8	13.1	14.9	2.2
23	18.0	27.5	21.3	72.8	17.829	15.5	1.5	4.1	5.6	2.6
24	17.0	27.6	22.1	77.4	19.962	17.4	0.0	0.0	0.0	5.6
25	17.0	29.0	23.2	72.7	19.648	17.1	0.0	0.0	0.0	6.2
26	18.0	28.0	21.4	79.5	20.311	17.7	5.8	10.5	16.3	4.4
27	17.0	27.8	22.2	77.0	19.764	17.2	0.0	0.0	0.0	7.4
28	17.4	31.0	23.9	68.3	19.342	16.8	0.0	0.0	0.0	8.9
29	18.0	30.0	24.1	67.8	19.693	17.2	0.0	0.0	0.0	7.2
30	16.4	30.0	24.1	71.6	20.271	17.6	0.0	0.0	0.0	7.0
31	18.0	30.5	24.2	70.8	20.087	17.3	0.0	0.4	0.4	7.9
PROM.	18.1	28.8	23.2	73.8	20.187	17.5	29.4	240.5	269.9	170.8

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	18.0	25.0	21.6	80.6	20.726	18.0	0.0	0.0	0.0	0.7
2	17.5	27.0	21.8	72.0	18.104	15.8	0.0	0.0	0.0	4.8
3	17.5	27.5	22.1	70.7	18.355	16.1	0.0	0.0	0.0	4.1
4	17.0	27.2	21.7	72.8	18.611	16.3	0.0	2.5	2.5	7.1
5	18.0	25.2	21.1	80.6	19.846	17.2	0.9	0.1	1.0	1.5
6	17.0	26.0	20.7	73.3	17.383	15.2	0.0	0.0	0.0	4.5
7	16.0	28.4	21.5	71.5	17.363	15.1	0.0	0.0	0.0	4.9
8	16.0	27.5	21.5	76.9	19.589	17.2	0.0	0.0	0.0	5.7
9	18.0	31.0	24.3	68.0	19.694	17.2	0.0	0.0	0.0	9.8
10	18.8	31.2	24.0	69.8	19.941	17.3	0.0	22.4	22.4	7.0
11	19.0	27.5	22.2	82.3	21.826	18.9	0.3	0.1	0.4	0.4
12	16.5	30.0	23.3	73.0	19.852	17.2	0.0	0.0	0.0	6.9
13	18.5	26.0	22.4	82.7	22.172	19.1	0.0	0.2	0.2	2.0
14	18.4	27.0	22.1	79.4	20.854	18.0	1.0	2.4	3.4	2.9
15	18.0	28.5	22.8	73.8	19.987	17.4	0.0	0.0	0.0	0.0
16	18.0	30.2	24.0	74.2	21.266	18.2	0.0	0.0	0.0	5.8
17	18.5	31.4	24.7	71.5	20.945	18.0	0.0	1.6	1.6	7.6
18	18.4	29.6	24.3	73.6	21.309	18.4	0.0	0.0	0.0	3.2
19	17.0	30.0	24.3	69.3	20.140	17.5	0.0	0.0	0.0	7.2
20	19.6	28.4	22.6	77.4	20.782	17.9	1.1	0.0	1.1	2.7
21	17.5	30.0	23.9	69.5	19.431	16.6	0.0	0.0	0.0	6.7
22	18.0	31.0	24.8	70.6	21.063	18.3	0.0	0.0	0.0	6.6
23	18.0	29.5	23.8	72.0	20.804	18.1	0.0	55.4	55.4	3.6
24	17.4	27.0	21.8	80.0	20.409	17.8	0.0	0.0	0.0	2.0
25	17.0	28.0	23.0	70.9	18.828	16.4	0.0	0.0	0.0	5.5
26	16.5	29.2	23.4	71.3	19.314	16.8	0.0	0.0	0.0	5.4
27	16.6	30.0	23.2	72.6	19.456	16.8	0.0	0.0	0.0	4.6
28	15.0	31.2	23.6	64.8	17.123	14.1	0.0	0.0	0.0	6.5
29	16.5	29.8	23.1	67.5	18.387	16.1	0.0	0.0	0.0	3.5
30	17.5	31.0	24.0	67.0	18.379	15.7	0.0	0.4	0.4	6.5
PROM.	17.5	29.7	22.9	73.3	19.731	17.1	3.3	35.1	88.4	139.6

ESTACION: SANTAGUEDA - LUKER MUNICIPIO: PALESTINA AÑO: 1.987

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	17.5	30.5	24.9	67.0	19.854	17.3	0.0	0.0	0.0	3.3
2	17.0	31.5	24.8	66.8	19.637	17.1	0.0	0.0	0.0	7.6
3	19.0	29.5	22.6	77.2	20.958	18.1	1.1	2.1	3.2	3.3
4	18.0	30.0	24.1	73.2	21.100	18.3	0.0	0.4	0.4	3.1
5	17.0	29.3	22.4	76.3	20.000	17.3	0.0	0.0	0.0	5.7
6	17.5	31.0	24.2	70.2	19.854	17.2	0.0	0.0	0.0	5.5
7	19.5	30.0	24.0	73.4	21.421	18.5	11.3	0.0	11.3	2.9
8	17.5	31.0	24.3	72.7	20.927	18.0	0.0	0.0	0.0	6.3
9	19.0	31.5	25.4	64.4	19.726	17.2	0.0	27.4	27.4	7.2
10	17.5	30.4	24.3	72.0	20.684	17.8	1.1	0.0	1.1	5.6
11	17.5	30.0	24.1	72.1	20.548	17.8	0.0	0.0	0.0	6.8
12	19.0	30.8	24.1	67.1	19.216	16.6	0.0	0.0	0.0	7.8
13	19.4	31.8	24.9	66.8	19.785	17.2	0.0	0.0	0.0	10.0
14	18.5	30.2	24.8	69.3	20.996	18.1	0.0	0.0	0.0	7.5
15	18.5	31.5	25.0	68.3	20.460	17.6	0.0	2.1	2.1	4.1
16	18.0	30.0	24.6	68.7	20.178	17.4	0.0	7.0	7.0	7.1
17	19.0	25.0	21.0	88.7	22.294	19.2	17.6	1.6	19.2	0.5
18	17.0	27.5	20.5	82.3	19.956	17.4	0.0	0.0	0.0	2.9
19	17.0	30.2	23.4	74.2	20.995	18.0	0.0	0.0	0.0	8.0
20	17.5	27.0	22.9	76.2	20.683	18.0	0.0	0.0	0.0	8.3
21	16.0	31.5	24.1	69.4	19.563	17.1	0.0	3.4	3.4	8.7
22	17.5	28.6	23.3	71.9	19.734	17.1	0.0	0.0	0.0	5.7
23	16.5	30.0	24.2	68.8	19.431	16.9	0.0	23.1	23.1	8.9
24	17.5	28.3	23.4	70.7	19.348	16.8	0.0	4.9	4.9	5.9
25	18.0	30.1	24.0	75.1	21.536	18.5	0.0	0.0	0.0	6.9
26	18.0	27.5	23.1	74.9	20.417	17.5	0.1	0.0	0.1	4.6
27	18.0	28.5	22.7	77.4	20.759	18.0	0.0	15.9	15.9	3.9
28	18.5	29.5	23.0	76.3	20.901	18.2	0.0	0.0	0.0	6.4
29	18.8	29.5	22.7	78.9	21.358	18.4	3.8	18.7	22.5	5.3
30	16.8	28.5	23.1	72.6	19.357	16.8	0.0	33.0	33.0	5.8
31	17.0	27.5	22.0	82.9	21.652	18.7	9.5	1.8	11.3	1.9
PROM.	17.9	29.6	23.6	73.1	20.430	17.7	44.5	141.4	185.9	177.5

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	18.0	27.0	22.1	76.8	19.919	17.3	0.3	0.1	0.4	2.2
2	18.6	26.5	21.9	76.1	19.763	17.2	1.6	11.2	12.8	2.3
3	17.8	28.0	22.2	77.8	20.308	17.6	0.0	0.3	0.3	6.2
4	16.8	30.0	23.8	70.6	19.747	17.1	0.0	16.7	16.7	10.0
5	17.5	29.8	23.3	72.1	20.045	17.5	0.0	7.9	7.9	8.7
6	18.0	29.0	22.5	80.5	21.592	18.7	0.1	15.7	15.8	6.1
7	17.8	30.0	23.6	72.0	20.050	17.3	0.0	19.8	19.8	10.1
8	17.5	28.4	22.8	72.2	19.417	17.0	0.0	0.0	0.0	4.2
9	17.0	30.0	23.4	69.3	18.979	16.6	0.0	0.0	0.0	8.5
10	18.0	28.0	22.9	76.0	20.874	18.2	0.6	0.0	0.6	3.5
11	18.8	28.2	23.1	76.7	21.203	18.4	0.0	22.8	22.8	3.9
12	17.5	27.0	22.4	75.4	19.615	17.1	0.0	2.7	2.7	2.8
13	17.5	27.1	22.3	77.8	20.571	17.9	0.0	0.0	0.0	5.5
14	15.8	31.0	24.0	66.1	18.321	15.7	0.0	0.0	0.0	10.6
15	16.0	29.4	23.9	64.3	17.499	15.0	0.0	0.0	0.0	7.2
16	17.6	29.3	23.9	72.2	20.204	17.5	0.0	0.0	0.0	3.4
17	15.8	27.0	22.1	77.9	20.134	17.6	0.0	0.0	0.0	4.9
18	17.0	28.0	22.4	79.0	20.891	18.2	0.0	0.0	0.0	3.4
19	16.8	31.5	23.9	69.5	19.234	16.8	0.0	0.0	0.0	8.7
20	17.4	30.0	24.0	70.7	19.914	17.3	0.0	0.0	0.0	6.2
21	17.5	31.5	24.0	71.4	20.084	17.4	0.0	0.0	0.0	8.7
22	18.8	31.0	24.9	68.3	20.248	17.4	0.0	0.0	0.0	7.8
23	18.5	32.2	24.6	66.4	19.243	16.7	0.0	0.0	0.0	9.1
24	18.0	31.4	23.7	75.9	21.466	18.5	2.0	0.0	2.0	7.2
25	17.5	31.2	25.1	60.8	17.819	15.4	0.0	0.0	0.0	7.3
26	16.5	31.4	24.7	67.6	19.291	16.6	0.0	12.5	12.5	7.9
27	19.5	29.0	23.8	69.1	19.667	17.0	0.0	14.2	14.2	5.9
28	18.8	30.5	23.4	74.6	20.780	17.9	0.0	0.0	0.0	4.8
29	18.0	31.2	22.8	71.9	19.354	16.8	3.4	8.2	11.6	7.6
30	17.8	28.5	23.8	76.0	21.809	18.8	0.0	0.3	0.3	6.4
31	18.6	30.4	25.2	65.3	19.980	17.4	0.0	32.7	32.7	9.2
PROM.	17.6	29.5	23.4	72.3	19.936	17.3	8.0	165.1	173.1	200.3

ESTACION: **SANTAGUEDA - LUKER** MUNICIPIO: **PALESTINA** AÑO: **1.987**

ALTITUD: **1.020** LATITUD: **5-05 N.** LONGITUD: **75-41 W.**

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	27.5	23.1	78.8	21.921	18.9	0.9	0.0	0.9	2.3
2	16.8	30.0	23.2	70.2	18.791	16.3	0.0	0.7	0.7	8.9
3	18.0	28.5	23.4	78.2	22.044	18.9	0.1	49.1	49.2	1.2
4	17.8	27.8	23.5	72.5	20.088	17.5	0.3	22.9	23.2	4.5
5	18.0	25.0	21.4	82.0	20.576	17.9	1.1	0.0	1.1	0.5
6	17.4	30.4	23.7	68.3	18.854	16.5	0.0	4.3	4.3	8.1
7	17.8	31.0	24.3	67.1	19.120	16.6	0.0	25.6	25.6	4.5
8	19.5	28.0	22.6	75.7	20.399	17.8	0.0	0.0	0.0	3.0
9	18.5	28.5	23.5	72.6	20.223	17.5	0.0	3.6	3.6	5.1
10	18.0	29.0	23.1	72.7	19.741	17.1	0.0	0.0	0.0	5.9
11	15.8	31.4	23.7	63.2	16.986	14.9	0.0	0.0	0.0	10.0
12	16.8	30.4	23.3	69.8	18.608	16.2	0.0	0.0	0.0	8.2
13	17.8	31.0	24.5	64.2	18.515	16.1	0.0	66.2	66.2	6.7
14	17.6	29.5	23.6	73.7	20.439	17.7	0.0	0.6	0.6	5.3
15	19.5	29.6	23.7	75.3	21.411	18.5	0.0	0.0	0.0	8.7
16	16.5	32.5	24.5	69.5	19.937	17.3	0.0	3.3	3.3	9.9
17	19.8	30.6	24.0	73.7	21.187	18.3	0.0	0.0	0.0	5.3
18	18.0	31.0	23.6	71.9	20.174	17.5	0.0	0.0	0.0	7.5
19	19.5	31.2	25.0	66.9	20.184	17.5	0.0	14.3	14.3	8.0
20	17.8	28.6	23.1	67.1	17.770	15.3	0.0	12.8	12.8	4.7
21	17.4	26.2	21.9	76.7	19.455	17.0	0.0	0.0	0.0	5.3
22	18.0	28.5	23.4	71.5	19.792	17.1	0.0	4.8	4.8	6.7
23	17.8	28.0	21.9	82.0	21.560	18.7	0.3	0.0	0.3	2.3
24	17.6	28.2	22.4	75.0	19.930	17.4	0.3	0.0	0.3	6.0
25	18.2	24.2	21.0	85.5	21.375	18.5	0.5	0.0	0.5	0.1
26	16.5	29.4	23.3	69.6	18.693	16.4	0.0	0.0	0.0	6.1
27	17.0	30.4	23.6	70.1	19.477	17.0	0.0	0.0	0.0	9.4
28	18.0	28.8	22.1	80.4	21.182	18.4	22.0	21.4	43.4	4.8
29	16.0	30.0	21.4	79.0	19.585	17.0	16.1	52.7	68.8	8.0
30	17.6	24.5	20.4	81.0	19.157	16.7	0.3	0.0	0.3	1.3
PROM.	17.8	29.0	23.1	73.5	19.906	17.3	41.9	282.3	324.2	168.3

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	28.0	21.5	74.7	18.390	16.0	0.0	0.0	0.0	5.9
2	17.8	28.5	22.7	68.8	18.287	16.0	0.2	0.8	1.0	6.5
3	17.5	28.2	21.7	77.5	19.803	17.3	0.0	22.1	22.1	6.3
4	17.8	27.5	21.6	80.1	20.533	17.9	10.1	10.0	20.1	4.8
5	17.5	28.0	21.7	81.4	20.728	18.0	0.2	5.0	5.2	2.6
6	16.8	28.5	22.6	75.3	19.687	17.1	0.0	2.4	2.4	3.7
7	18.0	26.4	22.4	76.7	20.311	17.7	0.0	23.6	23.6	1.2
8	17.8	26.3	20.8	79.2	19.436	17.1	7.3	35.5	42.8	1.2
9	16.8	25.4	20.6	77.4	18.209	16.0	0.0	0.0	0.0	1.7
10	16.0	29.4	21.9	75.0	18.948	16.6	0.0	0.0	0.0	7.4
11	16.8	23.5	19.7	84.7	19.292	16.9	20.5	0.0	20.5	3.2
12	17.0	29.6	21.0	76.9	18.386	15.8	21.9	0.0	21.9	6.1
13	16.0	29.2	22.2	72.0	18.263	15.9	0.0	2.8	2.8	7.1
14	17.0	29.0	23.0	71.9	19.270	16.8	0.0	4.2	4.2	7.1
15	17.8	28.2	22.8	74.3	20.077	17.5	0.0	0.5	0.5	6.0
16	19.5	27.5	22.5	74.8	20.166	17.6	0.0	6.3	6.3	5.7
17	18.4	24.4	20.5	84.9	20.509	17.9	1.5	0.0	1.5	0.4
18	17.2	27.3	22.1	78.6	20.559	17.9	0.0	0.0	0.0	2.8
19	18.0	28.0	22.0	78.2	20.508	17.9	0.0	0.0	0.0	4.8
20	17.4	29.4	23.7	68.9	19.048	16.7	0.0	19.6	19.6	9.4
21	18.0	26.2	21.7	79.0	20.145	17.5	0.0	0.0	0.0	0.4
22	18.4	30.0	23.1	76.4	20.830	17.9	1.9	21.4	23.3	7.1
23	19.6	29.9	23.0	76.3	20.908	18.1	0.0	0.0	0.0	4.4
24	18.0	30.2	22.6	75.6	20.291	17.6	1.6	0.0	1.6	4.9
25	17.8	28.1	22.2	78.2	20.316	17.7	0.0	52.8	52.8	5.2
26	18.7	29.0	22.7	77.2	20.669	17.9	0.0	15.7	15.7	5.3
27	19.6	26.0	21.7	82.6	21.390	18.5	0.7	49.9	50.6	1.1
28	18.6	22.4	20.3	92.0	21.871	18.9	10.3	0.0	10.3	0.0
29	18.4	28.0	22.1	79.7	20.773	18.0	0.2	10.3	10.5	2.9
30	18.0	27.6	21.6	81.0	20.762	18.1	0.0	0.1	0.1	3.8
31	17.8	30.0	21.9	77.9	19.898	17.3	22.7	7.4	30.1	7.4
PROM	17.7	27.7	21.9	77.7	19.944	17.4	99.1	290.4	389.5	136.4

ESTACION: SANTIAGUEDA - LUKER MUNICIPIO: PALESTINA AÑO: 1.987
 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	16.5	28.0	21.9	73.3	18.490	16.0	0.0	0.0	0.0	4.6
2	17.5	30.0	22.9	71.0	18.875	16.4	0.0	30.6	30.6	5.9
3	18.0	27.5	21.9	74.4	19.028	16.5	0.0	0.0	0.0	9.0
4	16.8	30.0	22.9	69.8	18.765	16.3	0.0	0.0	0.0	5.5
5	18.5	30.2	23.9	72.8	20.938	18.1	0.0	0.0	0.0	6.1
6	17.0	30.0	23.8	67.5	19.362	16.8	0.0	0.0	0.0	6.3
7	16.5	29.0	22.7	74.8	20.298	17.7	0.0	0.0	0.0	4.5
8	16.5	30.5	23.4	70.6	18.901	16.2	0.0	0.0	0.0	8.2
9	17.0	31.5	23.9	71.3	19.833	17.1	0.0	0.0	0.0	8.7
10	17.8	31.3	24.3	69.4	19.858	17.0	0.0	0.0	0.0	8.4
11	18.0	31.5	24.3	71.2	20.829	17.9	0.0	0.0	0.0	8.5
12	17.0	30.5	24.4	70.3	20.170	17.4	0.0	11.5	11.5	5.9
13	18.0	30.0	23.6	74.4	20.700	17.7	0.8	0.4	1.2	7.6
14	18.8	29.8	23.7	74.8	21.758	18.8	0.0	21.1	21.1	6.1
15	18.8	29.0	22.8	76.3	20.665	17.8	0.0	0.0	0.0	4.1
16	17.4	29.2	21.9	76.3	19.277	16.8	0.0	0.0	0.0	4.9
17	16.5	30.5	23.5	75.2	21.134	18.3	0.0	7.4	7.4	7.9
18	18.5	29.5	23.4	73.6	20.787	18.0	0.0	28.3	28.3	5.3
19	17.8	27.6	22.0	83.6	22.119	19.1	11.6	1.2	12.8	3.1
20	18.0	29.0	23.0	76.8	21.241	18.4	0.0	4.4	4.4	5.3
21	16.0	27.0	22.0	80.3	21.102	18.3	0.0	0.0	0.0	0.9
22	15.0	30.5	22.1	71.2	18.030	15.7	0.0	0.0	0.0	10.2
23	16.0	31.0	23.7	72.0	19.987	17.4	0.0	0.0	0.0	10.1
24	18.8	30.5	24.2	69.3	20.157	17.5	0.0	32.4	32.4	7.3
25	17.0	27.0	22.0	80.4	20.741	17.9	0.0	0.0	0.0	3.5
26	17.8	26.0	22.5	76.9	20.507	17.8	0.0	0.1	0.1	3.8
27	18.0	28.5	23.4	71.0	19.632	17.1	0.0	0.0	0.0	8.6
28	16.5	31.0	23.4	70.8	19.235	16.5	0.0	0.0	0.0	10.0
29	18.5	30.5	24.0	66.4	18.807	16.3	0.0	26.5	26.5	7.7
30	19.0	22.5	19.5	95.6	21.932	18.9	37.0	0.0	37.0	0.0
PROM.	17.5	29.3	23.0	74.0	20.105	17.4	49.4	163.9	213.3	188.0

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	23.0	22.6	77.5	20.505	17.8	0.0	1.8	1.8	7.2
2	17.0	26.2	21.6	81.2	20.600	17.8	4.7	1.2	5.9	2.5
3	17.5	28.8	22.8	72.2	19.121	16.6	0.0	18.9	18.9	6.2
4	18.0	29.4	22.8	71.2	19.023	16.6	0.0	1.0	1.0	6.5
5	19.0	29.5	23.6	71.6	20.520	17.9	0.0	6.3	6.3	7.6
6	17.0	28.8	23.1	76.2	21.051	18.3	0.0	6.9	6.9	7.6
7	17.8	28.5	22.8	76.7	20.950	18.2	0.9	0.3	1.2	3.4
8	17.3	30.0	24.2	74.4	21.375	18.3	0.0	0.6	0.6	7.9
9	17.0	29.5	23.6	68.2	18.769	16.2	0.1	0.0	0.1	6.7
10	18.0	29.0	23.1	74.7	20.356	17.6	0.0	0.0	0.0	4.2
11	18.8	30.5	23.9	66.1	18.963	16.5	0.0	0.0	0.0	8.2
12	19.0	30.0	23.9	71.9	20.495	17.7	0.0	0.0	0.0	9.1
13	18.0	29.0	23.1	80.7	22.129	19.0	0.0	0.0	0.0	6.6
14	18.2	30.0	23.7	71.5	20.001	17.3	0.0	0.0	0.0	7.3
15	18.4	30.4	23.5	71.3	19.712	17.2	0.0	0.0	0.0	8.4
16	18.0	30.6	23.8	69.2	19.114	16.6	0.0	0.0	0.0	9.1
17	16.0	30.0	23.4	63.6	16.843	14.5	0.0	0.0	0.0	9.2
18	15.0	30.5	22.7	70.1	17.654	15.2	0.0	0.0	0.0	9.3
19	16.0	30.2	23.5	68.2	18.468	16.2	0.0	0.0	0.0	8.0
20	18.0	29.5	23.2	72.1	19.886	17.2	0.0	0.0	0.0	7.3
21	18.8	31.2	23.3	65.9	17.512	15.0	0.0	0.0	0.0	8.9
22	15.5	31.0	23.2	76.5	20.208	17.2	0.0	0.0	0.0	9.2
23	15.0	32.3	23.3	75.8	20.129	17.3	0.0	0.0	0.0	9.6
24	16.5	32.0	22.9	76.5	20.126	17.3	0.0	0.0	0.0	7.9
25	15.5	32.4	23.5	73.7	19.539	16.6	0.0	0.0	0.0	9.4
26	13.0	29.5	23.9	78.2	22.865	19.5	0.0	0.0	0.0	3.9
27	17.0	30.5	24.4	70.8	20.599	17.8	0.0	5.5	5.5	7.4
28	18.8	28.7	23.8	81.8	23.885	20.3	0.0	0.1	0.1	3.7
29	19.5	30.0	23.2	80.6	22.622	19.4	0.0	8.4	8.4	5.4
30	19.0	29.5	23.3	81.5	22.965	19.7	0.0	0.0	0.0	6.3
31	17.0	30.0	23.2	78.4	21.424	18.5	0.0	0.0	0.0	5.2
PROM.	17.4	29.9	23.3	73.8	20.239	17.5	5.7	51.0	56.7	220.2

ESTACION: **SANTAGUEDA - LUKER** MUNICIPIO: **PALESTINA** AÑO: **1.987**
 ALTITUD: **1.020** LATITUD: **5-05 N.** LONGITUD: **75-41 W.**

MESES	TEMPERATURA °C					Humedad relativa %	Tension vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mmi.	Dias llluvias	
ENERO	17.1	30.0	23.1	14.0	32.0	71.8	19.221	16.7	76.0	16	195.9
FEBRERO	18.1	31.4	24.4	15.0	35.0	65.7	18.648	16.1	14.9	6	195.5
MARZO	18.4	30.5	24.2	16.0	33.5	67.1	18.936	16.4	187.0	18	184.4
ABRIL	18.8	29.6	23.6	17.0	33.0	72.4	20.302	17.6	202.6	18	145.0
MAYO	18.1	28.8	23.2	16.4	32.2	73.8	20.187	17.5	269.9	19	170.8
JUNIO	17.5	28.7	22.9	15.0	31.4	73.3	19.731	17.1	88.4	10	139.6
JULIO	17.9	29.6	23.6	16.0	31.8	73.1	20.430	17.7	185.9	16	177.5
AGOSTO	17.6	29.5	23.4	15.8	32.2	72.3	19.936	17.3	173.1	16	200.3
SEPTIEMBRE	17.8	29.0	23.1	15.8	32.5	73.5	19.906	17.3	324.2	20	168.3
OCTUBRE	17.7	27.7	21.9	15.5	30.2	77.7	19.944	17.4	389.5	24	136.4
NOVIEMBRE	17.5	29.3	23.0	15.0	31.5	74.0	20.105	17.4	213.3	12	188.0
DICIEMBRE	17.4	29.9	23.3	15.0	32.4	73.8	20.239	17.5	56.7	12	220.2
PROMEDIO	17.8	29.5	23.3	15.5	32.3	72.4	19.799	17.2			
TOTAL									2181.5	187	2121.9

ESTACION: CEN ICAFE

MUNICIPIO: CHINCHINA

AÑO: 1.987

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	15.2	28.8	21.1	76.2	18.991	16.7	0.0	0.0	0.0	5.5
2	14.2	29.8	22.9	68.0	18.025	15.8	0.0	0.0	0.0	9.4
3	16.0	29.4	22.7	74.4	20.023	17.5	0.0	0.0	0.0	8.6
4	17.2	29.0	23.1	69.8	19.549	17.1	0.0	0.0	0.0	6.9
5	18.0	27.6	21.8	80.8	20.962	18.2	0.0	0.0	0.0	2.1
6	17.0	29.9	22.5	73.9	20.165	17.6	0.0	0.0	0.0	6.5
7	17.8	26.6	20.8	84.1	21.086	18.3	9.7	0.7	10.4	1.5
8	16.6	27.5	21.0	80.4	19.703	17.2	0.0	0.0	0.0	6.5
9	16.8	29.7	22.4	74.8	19.837	17.3	0.0	0.0	0.0	8.9
10	17.0	29.3	23.2	73.6	20.228	17.7	0.0	7.0	7.0	8.0
11	16.7	25.8	20.0	83.9	19.955	17.4	1.6	0.0	1.6	2.6
12	16.8	29.2	22.2	72.8	19.034	16.7	0.0	0.0	0.0	7.6
13	17.5	30.4	22.7	71.1	19.029	16.7	0.0	0.0	0.0	8.8
14	17.0	30.0	23.0	70.7	19.266	16.9	0.0	0.0	0.0	7.8
15	16.4	30.2	23.4	69.9	19.266	16.9	0.0	0.0	0.0	8.0
16	18.0	27.8	21.6	77.5	20.118	17.6	0.0	0.0	0.0	3.3
17	16.2	31.0	23.0	71.2	19.220	16.8	0.0	0.0	0.0	8.6
18	16.5	30.5	20.7	81.6	20.028	17.5	7.3	6.1	13.4	7.7
19	17.0	22.2	18.8	95.0	20.696	18.0	5.9	0.0	5.9	0.0
20	15.6	28.6	21.3	75.8	18.734	16.4	0.0	0.0	0.0	6.7
21	16.8	24.8	20.5	83.7	20.199	17.6	0.1	0.0	0.1	0.2
22	16.6	26.5	19.9	80.4	19.034	16.7	2.4	0.8	3.2	3.0
23	16.0	27.2	21.4	82.6	20.608	17.9	0.0	0.0	0.0	3.6
24	15.8	29.5	22.2	72.2	18.658	16.3	0.0	0.0	0.0	10.2
25	16.6	28.6	22.5	71.3	19.026	16.7	0.0	0.0	0.0	8.4
26	18.0	29.6	23.8	69.1	20.317	17.7	0.0	11.1	11.1	7.7
27	16.5	30.3	22.4	70.2	18.382	16.2	0.0	7.7	7.7	7.1
28	16.6	30.6	23.0	69.3	18.626	16.4	0.0	0.0	0.0	9.6
29	17.0	30.7	23.1	71.4	19.537	17.1	0.0	0.0	0.0	8.1
30	16.6	30.0	22.6	74.7	19.989	17.5	0.0	0.0	0.0	5.1
31	18.6	29.2	23.1	78.3	21.619	18.7	0.0	0.0	0.0	3.6
PROM.	16.7	28.7	22.0	75.8	19.675	17.2	27.0	33.4	60.4	192.2

M E S - FEBREO

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	32.3	25.0	67.5	20.295	17.7	0.0	0.0	0.0	8.2
2	17.0	32.4	24.0	63.2	17.911	15.7	0.0	0.0	0.0	5.2
3	19.0	28.0	22.8	74.8	20.670	18.0	0.0	0.0	0.0	2.5
4	16.5	32.1	24.0	69.5	19.484	17.1	0.0	0.0	0.0	8.2
5	18.5	29.2	23.6	74.7	21.403	18.6	0.0	1.7	1.7	1.2
6	17.5	30.8	23.6	69.6	19.518	17.1	0.0	3.0	3.0	7.9
7	17.5	30.0	21.5	78.0	20.150	17.6	0.4	0.3	0.7	6.7
8	17.3	30.6	24.0	70.2	19.537	17.1	0.0	0.0	0.0	7.2
9	17.0	29.5	23.1	74.7	20.244	17.7	0.0	0.0	0.0	4.5
10	16.5	31.2	23.5	73.8	20.830	18.1	0.3	0.0	0.3	6.7
11	19.0	29.9	22.9	76.8	21.518	18.6	0.0	11.2	11.2	2.4
12	17.5	27.5	20.4	84.8	21.084	18.3	0.8	4.6	5.4	2.9
13	15.3	25.2	19.5	86.7	19.403	17.0	0.0	0.0	0.0	2.1
14	16.6	24.4	19.5	82.1	18.636	16.4	0.5	0.0	0.5	2.5
15	14.9	26.0	21.1	80.3	19.738	17.1	0.0	0.0	0.0	4.7
16	17.3	28.5	22.3	80.1	20.966	18.2	0.0	7.5	7.5	1.7
17	18.0	26.2	22.1	79.2	21.157	18.4	0.0	0.0	0.0	0.0
18	18.0	30.8	23.4	75.3	20.887	18.2	0.0	10.9	10.9	5.2
19	17.3	30.6	24.1	72.1	21.114	18.3	0.0	1.8	1.8	7.3
20	18.4	31.2	24.1	73.7	21.219	18.4	0.0	0.0	0.0	7.9
21	18.6	31.5	24.8	69.6	21.120	18.4	0.0	0.0	0.0	8.1
22	18.5	31.9	25.3	67.8	20.724	18.1	0.0	0.0	0.0	8.7
23	18.5	33.6	25.1	66.5	20.222	17.7	0.0	0.0	0.0	10.2
24	18.7	32.4	25.1	66.5	20.313	17.7	0.0	0.0	0.0	7.4
25	19.1	32.0	24.7	69.3	20.546	17.9	0.0	0.0	0.0	8.1
26	18.7	34.5	26.0	64.9	20.533	17.9	0.0	0.0	0.0	9.0
27	20.2	34.4	26.9	64.5	21.914	18.9	0.0	0.0	0.0	7.5
28	19.0	33.6	25.9	69.1	22.133	19.1	0.0	0.0	0.0	7.2
PROM.	17.8	30.4	23.5	73.0	20.474	17.8	2.0	41.0	43.0	165.3

ESTACION: CENICAFE

MUNICIPIO: CHINCHINA

AÑO: 1.987

ALTITUD: 1.310

LATITUD: 5-00 N.

LONGITUD: 75-36 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.5	32.5	24.4	66.5	19.889	17.4	0.0	0.0	0.0	8.0
2	19.3	29.5	22.6	75.9	21.183	18.4	6.7	0.0	6.7	2.6
3	17.1	32.6	24.5	70.4	20.676	18.0	0.0	0.0	0.0	7.9
4	18.6	23.0	20.3	90.6	21.726	18.8	1.7	6.3	8.0	0.0
5	17.2	31.6	24.1	72.7	20.511	17.9	0.0	26.7	26.7	8.0
6	16.0	29.3	22.5	74.0	19.572	17.2	0.0	13.5	13.5	7.7
7	17.0	30.0	20.9	81.7	20.233	17.7	6.6	0.9	7.5	6.1
8	17.5	28.5	21.7	80.9	20.800	18.1	1.7	0.8	2.5	6.2
9	18.0	20.5	18.3	96.1	20.391	17.8	5.6	0.0	5.6	0.0
10	15.0	30.0	21.8	74.3	18.951	16.6	0.0	0.0	0.0	9.4
11	17.4	28.8	22.1	70.3	18.298	16.1	0.0	0.8	0.8	5.7
12	17.5	29.8	23.4	73.4	20.138	17.6	0.0	0.0	0.0	6.7
13	18.9	24.0	19.3	86.2	19.614	17.1	0.4	0.0	0.4	0.7
14	16.0	30.0	22.9	68.9	18.522	16.3	0.0	0.7	0.7	7.5
15	17.5	30.0	21.2	82.4	20.780	18.1	9.2	15.4	24.6	5.3
16	18.0	26.5	20.3	84.7	20.506	17.9	2.1	0.7	2.8	2.2
17	15.5	27.8	21.8	78.4	20.073	17.5	0.1	0.1	0.2	2.2
18	17.4	30.6	23.6	73.0	20.825	18.1	0.0	0.0	0.0	7.9
19	18.5	28.7	23.7	74.0	21.248	18.4	0.0	0.0	0.0	0.3
20	18.3	32.8	25.3	64.5	20.144	17.6	0.0	0.0	0.0	9.6
21	19.0	30.2	24.3	73.2	21.967	19.0	0.0	0.0	0.0	4.8
22	19.1	31.8	23.4	78.4	22.134	19.1	35.3	0.1	35.4	6.3
23	19.0	27.7	23.6	81.7	23.698	20.2	0.0	0.0	0.0	1.0
24	18.7	31.2	24.3	71.1	20.999	18.3	0.0	0.0	0.0	5.7
25	18.3	32.2	25.4	69.0	21.491	18.6	0.0	2.9	2.9	7.7
26	17.1	29.5	22.8	75.1	20.307	17.7	0.0	0.0	0.0	5.0
27	19.0	28.9	23.8	74.9	21.479	18.6	0.0	0.0	0.0	5.4
28	19.0	30.0	23.3	75.3	21.340	18.5	0.0	0.0	0.0	5.0
29	18.8	31.3	24.2	76.0	22.667	19.4	0.0	16.9	16.9	6.4
30	18.4	30.6	21.9	82.7	21.896	18.9	14.6	0.8	15.4	6.1
31	17.5	28.4	22.1	76.4	19.991	17.5	0.4	23.5	23.9	3.6
PROM.	17.9	29.3	22.7	76.5	20.711	18.0	84.4	110.1	194.5	161.0

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	28.8	22.4	79.5	21.122	18.4	5.3	0.0	5.3	5.2
2	18.4	21.4	19.5	95.1	21.808	18.9	42.2	0.6	42.8	0.0
3	17.0	22.0	19.3	92.1	20.433	17.8	0.4	0.4	0.8	0.0
4	16.5	27.5	21.7	79.5	20.055	17.5	0.0	14.4	14.4	3.5
5	17.5	25.7	21.7	84.9	21.713	18.8	0.0	0.0	0.0	1.9
6	17.5	31.3	23.2	72.5	20.186	17.7	0.0	0.0	0.0	7.9
7	18.6	31.8	24.4	72.4	21.493	18.6	0.0	1.6	1.6	6.5
8	19.1	27.1	21.9	81.1	21.525	18.7	3.1	6.1	9.2	1.2
9	16.5	28.2	22.3	79.2	20.702	18.0	0.3	0.0	0.3	6.9
10	18.0	28.0	23.1	77.3	21.587	18.7	0.0	0.0	0.0	2.9
11	18.5	29.8	23.6	76.1	21.729	18.8	0.0	0.0	0.0	6.6
12	18.5	31.5	24.0	71.0	20.489	17.9	0.0	4.5	4.5	8.1
13	18.5	29.1	22.7	77.0	20.992	18.3	0.0	0.0	0.0	6.8
14	17.9	30.6	23.3	70.2	19.728	17.3	0.0	0.0	0.0	7.2
15	18.5	30.7	22.9	78.0	21.859	18.9	3.4	0.2	3.6	7.4
16	18.6	30.5	24.1	73.6	21.697	18.8	0.0	0.0	0.0	7.7
17	18.5	30.4	23.9	73.2	21.377	18.5	0.0	21.0	21.0	7.2
18	18.0	29.5	23.9	75.7	21.402	18.6	0.0	0.0	0.0	5.5
19	18.5	31.8	24.3	72.7	21.475	18.6	0.0	0.0	0.0	5.8
20	18.9	29.3	24.0	79.4	23.396	20.0	0.6	17.7	18.3	3.5
21	18.4	29.3	23.0	83.9	23.287	19.9	0.0	0.0	0.0	2.5
22	19.0	26.5	23.4	80.3	23.032	15.7	0.0	0.0	0.0	1.1
23	19.0	27.5	22.2	80.6	21.896	18.9	7.7	0.0	7.7	1.1
24	18.0	23.4	20.4	94.0	22.477	15.3	10.7	86.5	97.2	0.0
25	17.0	26.5	20.5	81.5	19.724	17.3	8.1	1.2	9.3	2.7
26	17.0	26.4	20.6	84.5	20.776	18.1	2.4	0.2	2.6	1.6
27	16.6	28.4	21.7	83.3	21.580	18.7	10.7	11.6	22.3	5.7
28	17.5	25.2	20.4	85.0	20.556	17.9	0.4	0.2	0.6	0.8
29	17.0	26.7	20.2	85.6	20.721	18.0	5.6	0.0	5.6	3.4
30	18.0	23.0	20.2	90.0	21.408	18.6	3.7	6.1	9.8	1.2
PROM.	18.0	27.9	22.3	80.3	21.341	18.5	104.6	172.3	276.9	122.0

ESTACION: CEN ICAFE

MUNICIPIO: CHINCHINA

AÑO:

1.987

ALTITUD: 1.310

LATITUD: 5-00 N.

LONGITUD: 75-36 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa o/o	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	22.5	19.2	89.4	20.021	17.5	2.4	0.0	2.4	0.0
2	16.0	26.7	21.1	82.4	20.479	17.9	0.0	33.8	33.8	4.2
3	15.0	27.5	21.4	83.0	20.806	18.1	0.0	3.0	3.0	6.3
4	17.5	25.0	20.1	89.8	21.272	18.5	13.1	0.0	13.1	1.9
5	15.5	26.5	19.9	89.1	20.484	17.9	0.6	1.6	2.2	4.2
6	16.5	25.8	20.6	83.8	20.084	17.6	0.0	0.2	0.2	4.3
7	17.5	28.6	23.3	74.8	20.783	18.1	0.0	0.2	0.2	5.7
8	17.6	28.6	22.9	78.0	21.505	18.6	0.0	0.0	0.0	4.9
9	18.4	30.0	23.0	78.4	21.678	18.8	0.3	6.4	6.7	6.9
10	18.7	28.8	22.8	83.3	22.768	19.5	0.0	0.0	0.0	3.2
11	17.3	31.5	24.6	70.5	20.761	18.0	0.0	0.0	0.0	8.6
12	19.0	29.6	23.6	79.1	22.673	19.5	0.0	0.0	0.0	6.2
13	19.1	30.2	24.5	73.7	22.124	19.1	0.1	1.3	1.4	6.4
14	18.4	29.4	22.8	80.4	22.261	19.2	0.0	8.4	8.4	5.7
15	18.2	28.5	21.2	83.5	21.432	18.6	14.0	22.4	36.4	4.2
16	17.0	23.3	19.9	95.8	22.355	19.3	7.3	14.2	21.5	0.5
17	16.5	29.0	22.6	82.4	21.970	18.9	5.2	20.1	25.3	6.1
18	16.8	29.5	21.9	82.4	21.878	18.9	0.0	0.0	0.0	8.6
19	18.5	29.8	22.3	78.1	21.285	18.5	0.0	0.0	0.0	6.1
20	18.7	26.8	21.1	85.5	21.990	19.0	3.1	1.8	4.9	1.7
21	18.0	24.9	20.9	89.6	22.042	19.0	0.7	18.2	18.9	2.1
22	17.0	25.4	20.3	86.1	20.707	18.1	1.0	31.0	32.0	1.5
23	16.8	26.0	20.1	84.5	20.206	17.7	39.8	11.1	50.9	4.3
24	16.5	27.2	21.5	83.9	21.306	18.5	0.0	0.0	0.0	4.5
25	16.6	29.0	22.0	79.4	20.832	18.1	0.0	0.0	0.0	5.5
26	18.2	26.3	18.9	91.7	20.092	17.6	9.4	13.6	23.0	3.7
27	16.5	27.2	21.6	83.7	21.295	18.5	0.0	0.0	0.0	5.3
28	16.5	30.0	22.6	77.2	20.831	18.1	0.0	0.0	0.0	9.6
29	18.6	29.2	23.2	78.2	22.060	19.1	0.0	0.0	0.0	5.3
30	17.5	29.5	23.5	74.5	21.090	18.3	0.0	0.0	0.0	7.1
31	18.2	30.0	23.7	77.0	22.168	19.1	0.0	0.0	0.0	6.6
PROM.	17.4	27.8	21.8	82.2	21.330	18.5	97.0	187.3	284.3	151.2

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa o/o	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.3	25.8	21.8	90.1	23.557	20.1	0.0	0.0	0.0	1.3
2	16.7	27.4	21.8	79.2	20.639	17.9	0.0	0.0	0.0	4.5
3	18.5	28.6	22.5	80.2	21.862	18.9	0.0	0.1	0.1	4.2
4	17.4	27.7	21.1	80.1	20.104	17.6	5.3	35.5	40.8	2.7
5	17.5	25.5	20.0	89.5	21.223	18.5	1.2	0.0	1.2	1.3
6	16.5	25.6	21.1	86.1	21.349	18.5	0.0	0.0	0.0	3.3
7	16.6	26.7	21.3	83.1	20.928	18.1	0.1	0.0	0.1	3.8
8	16.5	27.2	20.7	89.1	22.103	19.0	1.9	0.0	1.9	3.9
9	17.8	30.9	22.4	74.3	20.205	17.7	0.0	0.0	0.0	9.2
10	18.6	30.5	23.4	73.0	20.474	17.9	0.0	15.7	15.7	4.5
11	18.0	24.8	20.5	86.9	21.347	18.5	1.6	0.0	1.6	0.0
12	15.7	29.4	22.5	74.2	20.184	17.6	0.0	0.0	0.0	6.7
13	19.0	25.3	21.5	87.6	22.643	19.5	0.0	3.6	3.6	0.0
14	17.2	25.1	21.0	92.6	23.293	19.9	2.7	3.7	6.4	2.2
15	17.5	26.7	21.8	83.9	21.636	18.8	0.0	0.5	0.5	2.6
16	18.5	29.7	23.0	80.6	22.018	19.0	0.0	1.3	1.3	4.5
17	18.3	30.7	23.7	73.9	21.149	18.4	0.0	0.0	0.0	8.8
18	18.3	30.0	23.5	75.6	21.704	18.8	0.0	0.0	0.0	4.4
19	18.1	29.7	23.9	72.6	21.111	18.3	0.0	0.8	0.8	8.1
20	19.5	26.7	22.5	82.8	22.660	19.5	0.0	0.0	0.0	0.9
21	18.0	29.6	23.9	77.5	22.154	19.1	0.0	0.0	0.0	7.6
22	18.0	30.4	23.4	75.7	21.190	18.4	0.0	1.4	1.4	8.2
23	19.0	28.3	22.5	79.3	21.722	18.8	0.0	117.5	117.5	2.4
24	16.5	26.8	21.4	84.8	21.485	18.6	0.2	0.0	0.2	2.3
25	17.3	27.4	21.9	78.4	20.484	17.8	0.0	0.0	0.0	4.6
26	17.5	29.2	23.6	75.0	21.286	18.5	0.0	0.0	0.0	7.7
27	17.0	29.0	22.7	76.3	21.006	18.3	0.1	0.0	0.1	5.5
28	17.0	30.4	23.5	69.8	19.357	17.0	0.0	0.0	0.0	7.9
29	17.0	29.0	22.5	75.3	20.308	17.7	0.0	0.0	0.0	5.7
30	17.4	29.6	23.4	75.3	21.194	18.4	0.0	6.2	6.2	7.9
PROM	17.6	28.1	22.3	80.1	21.346	18.5	13.1	186.3	199.4	136.8

ESTACION: CENICAFE

MUNICIPIO: CHINCHINA

AÑO: 1.987

ALTITUD: 1.310

LATITUD: 5-00 N.

LONGITUD: 75-36 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	28.5	22.4	80.8	21.474	18.6	0.0	0.0	0.0	5.4
2	17.5	30.0	23.8	75.7	21.992	18.9	0.0	0.0	0.0	8.1
3	19.2	27.5	22.0	82.5	22.194	19.2	2.2	7.3	9.5	2.4
4	17.0	28.5	22.2	83.6	21.911	18.9	0.0	0.9	0.9	5.2
5	16.8	28.0	20.9	84.2	20.649	18.0	0.5	0.0	0.5	2.9
6	16.7	29.7	22.9	74.6	20.332	17.8	0.0	1.0	1.0	3.8
7	18.2	27.4	22.5	80.7	22.187	19.1	4.1	0.0	4.1	4.4
8	17.5	28.9	22.5	77.3	20.970	18.2	0.0	0.0	0.0	4.8
9	18.5	30.1	24.2	77.0	22.739	19.5	0.0	44.6	44.6	5.6
10	17.0	30.0	23.4	76.3	21.038	18.2	0.2	0.0	0.2	6.4
11	17.0	29.3	23.7	73.1	21.033	18.3	0.0	0.4	0.4	6.0
12	18.0	30.4	24.2	72.2	21.178	18.4	0.0	0.2	0.2	6.7
13	19.0	30.5	23.8	76.7	22.175	19.2	0.0	0.5	0.5	7.1
14	18.9	29.2	22.8	81.9	22.580	19.4	8.4	0.2	8.6	6.9
15	19.2	29.8	22.2	82.6	22.287	19.2	0.0	0.0	0.0	5.0
16	18.1	28.6	23.0	76.0	21.057	18.3	0.0	5.8	5.8	7.0
17	18.9	23.3	19.4	92.2	21.225	18.4	32.4	0.9	33.3	0.3
18	17.0	25.5	20.6	87.4	21.015	18.3	0.0	0.8	0.8	1.9
19	16.0	29.5	22.1	75.1	19.566	17.1	0.0	0.0	0.0	6.1
20	17.0	28.2	20.8	89.1	21.572	18.6	4.6	0.0	4.6	6.7
21	17.0	31.4	23.6	73.8	20.862	18.1	0.0	4.2	4.2	8.8
22	17.4	26.5	22.0	80.4	21.184	18.4	0.0	0.0	0.0	5.2
23	16.5	29.2	21.8	77.6	20.086	17.5	16.3	32.0	48.3	7.1
24	16.8	27.8	21.8	83.3	21.500	18.6	1.0	10.0	11.0	5.2
25	17.5	28.4	23.0	80.4	21.884	18.9	0.0	0.0	0.0	4.8
26	17.3	25.5	21.3	84.9	21.218	18.4	0.0	0.0	0.0	0.0
27	17.5	27.5	21.0	84.3	20.915	18.2	0.0	55.8	55.8	3.5
28	17.4	28.5	21.0	82.4	20.651	18.0	7.4	12.0	19.4	5.1
29	18.0	27.7	21.5	83.6	21.320	18.5	0.1	15.9	16.0	3.3
30	16.5	26.5	21.2	85.0	21.014	18.3	0.2	42.0	42.2	3.9
31	16.3	25.5	21.0	84.9	20.844	18.2	0.0	37.6	37.6	2.0
PROM.	17.5	28.3	22.2	80.6	21.311	18.5	77.4	272.1	349.5	151.5

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	24.6	20.4	82.7	19.544	17.1	0.6	0.2	0.8	0.0
2	17.0	24.2	19.9	89.1	20.773	18.1	4.2	18.3	22.5	1.0
3	17.0	26.1	21.0	83.8	20.726	18.0	0.0	0.1	0.1	4.6
4	16.5	28.0	22.3	82.3	21.710	18.7	0.0	2.0	2.0	7.6
5	17.5	28.2	22.4	77.1	20.548	18.0	0.0	9.1	9.1	7.4
6	17.0	27.3	21.2	84.3	21.013	18.3	0.1	0.0	0.1	4.0
7	17.5	28.8	23.2	76.8	21.283	18.5	0.0	6.5	6.5	8.8
8	17.0	28.0	21.9	81.0	20.663	18.0	0.1	0.0	0.1	4.8
9	18.2	29.2	23.3	75.5	21.117	18.3	0.0	5.0	5.0	7.7
10	18.3	27.3	21.8	85.7	22.065	19.1	0.5	0.0	0.5	2.6
11	18.6	26.8	22.0	79.0	20.733	18.1	0.0	1.2	1.2	3.9
12	17.0	27.2	21.0	87.9	21.571	18.7	0.5	0.0	0.5	2.7
13	16.5	27.6	22.0	78.9	20.736	18.1	0.0	0.0	0.0	6.8
14	16.7	30.6	23.4	68.8	18.747	16.5	0.0	0.0	0.0	9.1
15	17.0	30.2	23.6	69.0	19.199	16.8	0.0	0.0	0.0	8.5
16	17.1	29.5	22.8	73.5	19.553	17.1	0.0	0.0	0.0	2.4
17	17.5	27.2	21.1	87.3	21.707	18.7	0.0	0.0	0.0	2.7
18	17.4	28.4	22.3	79.1	21.196	18.4	0.0	0.0	0.0	3.2
19	17.3	31.0	24.0	72.1	20.706	18.0	0.0	0.0	0.0	8.8
20	17.6	29.5	23.8	76.6	22.101	19.1	0.0	0.0	0.0	5.7
21	17.6	30.3	22.7	75.7	20.752	18.1	0.0	3.7	3.7	7.6
22	17.0	29.2	22.5	77.0	20.529	17.9	0.0	3.5	3.5	8.8
23	16.5	29.7	23.5	73.6	20.799	18.1	0.1	0.0	0.1	7.9
24	16.0	30.2	22.7	77.0	21.052	18.3	0.0	0.0	0.0	6.8
25	18.0	30.0	23.4	71.5	20.105	17.6	0.0	0.0	0.0	6.0
26	16.5	29.9	23.8	72.2	20.273	17.7	0.0	0.0	0.0	6.0
27	18.6	26.6	22.5	80.3	21.513	18.7	0.0	9.1	9.1	3.0
28	17.5	28.7	22.2	78.2	20.504	17.9	0.0	0.0	0.0	5.8
29	17.6	29.3	22.0	76.7	20.351	17.8	0.3	9.3	9.6	5.9
30	16.8	27.3	22.4	80.6	21.202	18.4	0.0	23.3	23.3	4.9
31	17.6	29.3	22.1	81.8	21.390	18.6	0.4	7.7	8.1	5.0
PROM.	17.3	28.4	22.4	78.6	20.779	18.1	6.8	99.0	105.8	169.7

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	18.2	26.4	21.6	86.1	21.826	18.9	0.0	0.0	0.0	3.0
2	17.7	29.0	22.4	76.0	20.346	17.6	0.0	0.0	0.0	7.6
3	18.5	26.4	21.9	80.6	21.063	18.3	3.1	0.3	3.4	0.7
4	17.4	27.3	22.1	81.9	21.427	18.5	1.4	34.2	35.6	2.9
5	16.5	23.1	20.2	87.5	20.540	17.9	0.0	0.0	0.0	0.1
6	15.0	28.6	22.9	70.1	18.679	16.2	0.0	3.5	3.5	6.6
7	16.7	30.0	23.3	76.9	21.423	18.6	0.1	3.8	3.9	4.4
8	18.8	26.3	21.8	82.2	21.260	18.4	0.0	0.0	0.0	3.2
9	17.8	27.3	22.2	79.1	20.846	18.1	0.0	0.0	0.0	2.2
10	18.3	27.8	22.1	72.8	18.919	16.6	0.0	0.0	0.0	5.7
11	16.0	30.7	22.1	74.4	19.466	17.0	0.3	0.0	0.3	9.5
12	17.5	30.3	23.2	73.7	20.486	17.9	0.0	0.0	0.0	7.9
13	18.0	30.4	23.0	74.9	21.091	18.3	0.0	59.0	59.0	6.2
14	17.0	27.5	20.6	88.7	21.719	18.8	1.9	6.6	8.5	3.5
15	18.0	26.8	22.3	80.7	21.397	18.6	1.3	0.0	1.3	4.5
16	16.7	31.5	23.6	70.4	19.855	17.3	0.0	3.7	3.7	9.2
17	16.8	30.5	23.4	73.0	20.560	17.9	0.0	0.0	0.0	8.8
18	18.0	30.0	22.8	72.8	20.123	17.6	0.0	0.0	0.0	6.6
19	18.6	30.8	23.2	76.0	21.132	18.4	0.0	11.1	11.1	7.4
20	17.4	27.5	21.8	78.6	19.937	17.4	0.0	14.8	14.8	3.1
21	16.4	26.5	20.5	85.2	20.345	17.7	0.1	0.5	0.6	4.5
22	17.5	27.6	22.5	77.3	20.604	17.9	0.0	7.9	7.9	4.1
23	17.0	26.0	20.2	90.0	21.583	18.6	0.9	0.0	0.9	2.3
24	17.2	26.5	21.0	83.3	20.575	17.9	0.9	0.3	1.2	4.2
25	16.8	23.0	19.4	90.1	20.539	17.9	1.5	0.0	1.5	0.0
26	15.2	29.0	21.5	78.0	19.309	16.8	0.0	0.0	0.0	5.7
27	18.0	30.2	23.4	72.0	20.308	17.7	0.0	0.0	0.0	9.1
28	18.0	27.5	20.4	86.6	21.317	18.5	0.4	2.3	2.7	3.0
29	14.6	29.3	19.6	83.9	19.213	16.8	13.5	9.8	23.3	6.6
30	16.4	23.2	19.3	87.1	19.432	17.0	0.2	0.0	0.2	0.4
PROM.	17.2	27.9	21.8	79.7	20.511	17.8	25.6	157.8	183.4	143.0

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	15.2	27.8	20.7	74.6	17.572	15.3	0.0	0.0	0.0	6.3
2	17.4	28.0	21.4	82.2	20.796	18.1	26.0	0.4	26.4	4.6
3	16.5	27.0	20.4	80.1	19.341	17.0	0.5	7.0	7.5	4.3
4	16.8	26.5	20.5	86.5	21.016	18.3	7.2	6.8	14.0	4.7
5	17.0	26.2	20.3	82.8	19.872	17.4	0.6	0.0	0.6	3.8
6	16.4	28.5	22.2	76.5	20.107	17.6	0.0	0.0	0.0	5.8
7	17.8	26.8	21.7	84.1	21.684	18.8	0.0	1.9	1.9	1.4
8	17.5	24.7	20.5	85.8	20.721	18.1	0.6	39.3	39.9	1.8
9	16.5	24.6	21.0	87.4	21.441	18.6	0.6	0.1	0.7	1.5
10	16.5	28.5	22.2	78.2	20.562	17.9	0.0	0.0	0.0	5.0
11	17.8	23.8	19.7	89.6	20.592	17.9	3.3	0.0	3.3	1.8
12	16.5	28.8	20.5	79.0	19.058	16.7	16.4	0.0	16.4	5.4
13	16.2	28.7	20.9	79.7	19.917	17.4	15.3	45.4	60.7	5.9
14	16.0	28.6	22.4	82.2	21.767	18.8	0.1	5.9	6.0	6.6
15	17.0	27.0	21.0	83.3	20.669	18.0	34.3	61.5	95.8	5.2
16	16.8	27.5	20.1	86.5	20.788	18.1	51.7	13.9	65.6	4.6
17	17.2	22.1	18.9	93.7	20.731	18.1	9.6	0.0	9.6	0.0
18	16.7	26.2	20.6	83.1	19.880	17.4	0.0	0.0	0.0	0.9
19	17.5	27.5	20.4	85.0	20.701	18.0	32.4	0.0	32.4	3.3
20	16.5	28.6	22.5	78.1	20.985	18.2	0.0	24.3	24.3	6.4
21	17.5	23.8	19.9	87.6	20.489	17.9	0.0	0.0	0.0	0.0
22	17.0	23.6	22.1	79.2	20.748	18.1	0.0	0.0	0.0	5.4
23	17.9	29.0	21.3	81.2	20.923	18.2	6.2	0.0	6.2	4.5
24	17.2	26.8	20.4	87.1	21.229	18.5	5.7	0.0	5.7	2.5
25	16.4	25.5	20.6	87.4	21.129	18.3	0.2	48.8	49.0	3.5
26	17.0	27.6	21.6	81.9	20.897	18.2	0.0	37.5	37.5	5.2
27	17.5	24.0	19.3	90.7	20.503	17.9	9.6	29.9	39.5	0.7
28	17.0	21.4	19.1	93.8	20.772	18.1	4.8	0.0	4.8	0.0
29	17.0	26.2	20.5	85.3	20.512	17.9	4.7	18.1	22.8	1.2
30	16.5	27.2	20.4	84.1	20.156	17.6	0.2	0.2	0.4	3.7
31	16.4	27.0	20.3	81.4	19.334	17.0	1.0	19.2	20.2	4.5
PROM.	16.9	26.6	20.8	83.8	20.480	17.9	231.0	360.2	591.2	110.8

ESTACION: CEN ICAFE

MUNICIPIO: CHINCHINA

AÑO: 1987

1.987

ALTITUD: 1.310

LATITUD: 5-00 N.

LONGITUD: 75-36 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	26.0	20.8	79.9	19.161	16.8	0.0	0.0	0.0	3.8
2	17.4	29.0	21.9	77.6	20.001	17.4	0.0	32.6	32.6	8.6
3	16.5	27.3	20.9	77.8	19.168	16.8	0.0	0.0	0.0	6.4
4	16.3	28.6	21.4	76.2	19.704	17.2	7.4	0.0	7.4	5.3
5	16.9	26.9	21.7	78.9	20.602	17.9	0.0	1.5	1.5	4.4
6	17.5	27.8	21.9	79.1	21.277	18.5	0.1	0.0	0.1	4.9
7	17.4	27.0	20.8	78.4	19.581	17.1	0.3	0.0	0.3	5.2
8	16.0	29.0	22.2	76.7	20.119	17.5	0.0	0.0	0.0	7.9
9	17.5	31.1	23.7	72.4	20.745	18.0	0.0	0.0	0.0	8.3
10	18.8	30.3	23.3	77.4	21.556	18.7	0.9	0.0	0.9	8.2
11	18.7	30.0	23.0	76.5	21.283	18.5	0.0	0.0	0.0	5.2
12	17.7	29.0	23.2	74.2	20.803	18.1	0.4	0.0	0.4	5.5
13	16.7	28.7	21.3	82.6	21.126	18.4	27.4	4.7	32.1	7.7
14	17.5	28.2	22.2	80.7	21.270	18.4	0.0	19.2	19.2	5.2
15	18.0	29.0	21.6	83.3	21.301	18.5	0.0	0.0	0.0	6.1
16	17.5	28.5	22.2	80.9	21.401	18.5	0.0	0.0	0.0	4.5
17	18.2	30.0	22.9	74.3	20.595	17.9	0.0	0.0	0.0	8.0
18	18.5	27.7	22.1	81.5	22.055	19.0	0.4	8.9	9.3	2.9
19	18.0	26.2	20.6	86.2	21.220	18.5	14.3	15.0	29.3	1.1
20	17.2	26.5	20.1	86.5	20.683	18.1	47.3	29.3	76.6	3.8
21	16.5	24.0	19.1	92.8	20.651	18.0	0.1	0.2	0.3	0.2
22	15.0	29.1	21.0	78.2	19.249	16.7	0.0	0.0	0.0	10.6
23	16.0	30.3	23.0	76.8	21.216	18.4	0.0	0.0	0.0	10.4
24	19.2	29.0	23.3	78.7	22.438	19.3	0.0	45.5	45.5	6.2
25	17.0	25.0	20.3	87.0	20.966	18.2	6.3	0.0	6.3	1.9
26	17.2	25.5	21.0	85.8	21.225	18.4	0.0	0.0	0.0	3.8
27	17.3	27.5	21.7	80.9	20.848	18.1	0.0	0.0	0.0	6.2
28	16.5	30.0	22.7	76.0	20.659	18.0	0.0	0.0	0.0	10.5
29	18.5	30.1	22.6	80.3	21.915	18.9	1.9	45.3	47.2	6.7
30	17.9	20.1	18.1	96.7	20.395	17.8	21.0	0.0	21.0	0.0
PROM.	17.3	27.9	21.7	80.5	20.774	18.1	127.8	256.6	384.4	169.5

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	15.3	27.5	20.7	84.2	20.443	17.8	0.0	14.6	14.6	4.6
2	16.8	24.2	20.6	88.6	21.325	18.5	0.0	1.2	1.2	0.9
3	17.0	25.0	20.6	84.6	20.421	17.8	0.0	0.0	0.0	4.0
4	16.5	28.5	21.1	82.8	20.761	18.1	0.0	11.0	11.0	7.2
5	17.5	28.0	20.9	82.6	20.398	17.8	0.0	12.1	12.1	6.7
6	15.0	28.3	21.1	84.7	20.763	18.1	0.0	23.6	23.6	7.8
7	17.8	26.5	21.6	82.8	21.175	18.3	0.0	0.2	0.2	1.9
8	17.0	28.2	21.8	78.8	20.376	17.8	0.0	0.0	0.0	6.5
9	17.7	28.0	22.0	76.9	20.370	17.8	0.0	0.0	0.0	5.1
10	17.3	26.2	21.3	86.4	22.240	19.2	3.8	0.2	4.0	3.0
11	17.5	29.3	21.6	79.5	20.881	18.2	0.0	0.0	0.0	8.6
12	18.0	29.9	23.2	79.3	22.295	19.2	0.0	8.5	8.5	9.3
13	18.3	28.2	22.0	84.8	22.160	19.1	0.0	0.0	0.0	5.0
14	18.4	29.9	22.6	79.4	21.567	18.7	0.0	0.0	0.0	5.6
15	18.5	29.4	23.6	77.8	22.435	19.3	0.0	0.0	0.0	8.3
16	18.2	30.2	22.7	76.3	20.894	18.2	0.0	0.0	0.0	9.0
17	16.8	29.9	22.6	71.1	19.170	16.8	0.0	0.0	0.0	8.4
18	16.0	30.5	21.7	73.2	18.793	16.5	0.0	0.0	0.0	9.6
19	17.5	30.0	23.3	78.4	21.914	18.9	0.0	1.4	1.4	8.7
20	19.5	29.8	23.0	79.6	22.171	19.1	0.0	0.0	0.0	5.5
21	17.6	31.2	22.9	72.1	19.423	17.0	0.0	0.0	0.0	8.8
22	16.3	30.8	22.9	67.8	18.085	15.9	0.0	0.0	0.0	7.9
23	16.4	31.4	23.4	68.3	18.648	16.4	0.0	0.0	0.0	10.0
24	17.3	30.1	23.4	73.6	20.607	18.0	0.0	0.0	0.0	6.5
25	16.5	31.3	23.6	75.3	21.187	18.4	0.0	0.0	0.0	9.7
26	18.7	28.2	23.1	78.7	22.272	19.2	0.0	0.0	0.0	2.7
27	17.2	30.0	24.0	75.8	22.269	19.2	0.0	9.7	9.7	7.6
28	18.5	26.3	21.6	79.8	20.656	18.0	0.0	0.3	0.3	2.6
29	18.3	26.5	22.0	83.9	22.054	19.0	0.1	6.5	6.6	2.9
30	18.0	28.3	22.0	81.2	21.225	18.4	0.0	0.0	0.0	6.6
31	16.4	29.0	22.4	74.9	19.961	17.4	0.0	2.5	2.5	5.4
PROM	17.3	28.7	22.2	78.8	20.869	18.1	3.9	91.8	95.7	196.8

ESTACION: **CENICAFE** MUNICIPIO: **CHINCHINA** AÑO: **1.987**
 ALTITUD: **1.310** LATITUD: **5-00 N.** LONGITUD: **75-36 W.**

MESES	TEMPERATURA °C					Humedad relativa %	Tension vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias lluvias	
ENERO	16.7	28.7	22.0	14.2	31.0	75.8	19.675	17.2	60.4	9	192.2
FEBRERO	17.8	30.4	23.5	14.9	34.5	73.0	20.474	17.8	43.0	10	165.3
MARZO	17.9	29.3	22.7	15.0	32.8	76.5	20.711	18.0	194.5	18	161.0
ABRIL	18.0	27.9	22.3	16.5	31.8	80.3	21.341	18.5	276.9	19	122.0
MAYO	17.4	27.8	21.8	15.0	31.5	82.2	21.330	18.5	284.3	18	151.2
JUNIO	17.6	28.1	22.3	15.7	30.8	80.1	21.346	18.5	199.4	17	136.8
JULIO	17.5	28.3	22.2	16.0	31.4	80.6	21.311	18.5	349.5	23	151.5
AGOSTO	17.3	28.4	22.4	16.0	31.0	78.6	20.779	18.1	105.8	19	169.7
SEPTIEMBRE	17.2	27.9	21.8	14.6	31.5	79.7	20.511	17.8	183.4	19	143.0
OCTUBRE	16.9	26.6	20.8	15.2	29.0	83.8	20.480	17.9	591.2	25	110.8
NOVIEMBRE	17.3	27.9	21.7	15.0	31.1	80.5	20.774	18.1	384.4	17	169.5
DIEMBRE	17.3	28.7	22.2	15.0	31.4	78.8	20.869	18.1	95.7	13	196.8
PROMEDIO	17.4	29.3	22.1	15.3	31.5	79.2	20.800	18.1			
TOTAL									2768.5	207	1869.8

ESTACION: NARANJAL

MUNICIPIO: CHINCHINA

AÑO:

1.987

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	14.5	28.0	19.6	80.6	18.140	16.0	0.0	0.0	0.0	6.1
2	14.0	29.6	21.2	70.0	16.707	14.7	0.0	0.0	0.0	10.5
3	15.5	28.8	22.5	74.1	19.177	16.8	0.0	0.0	0.0	8.1
4	16.5	29.2	22.1	79.3	20.560	17.9	0.0	0.0	0.0	6.7
5	17.0	27.0	21.2	82.0	20.536	17.9	0.0	0.0	0.0	3.4
6	16.3	28.5	20.8	81.5	20.036	17.5	0.2	3.1	3.3	5.7
7	16.5	25.9	20.0	89.6	21.202	18.4	2.8	4.9	7.7	2.9
8	16.5	26.0	20.6	86.1	20.729	18.1	0.0	0.0	0.0	4.7
9	15.1	29.0	21.9	78.7	19.890	17.4	0.0	0.0	0.0	8.6
10	16.0	29.5	22.5	76.5	19.845	17.3	0.0	5.0	5.0	6.5
11	17.0	25.0	19.7	87.3	20.357	17.8	1.9	0.4	2.3	1.4
12	16.0	27.2	21.9	74.8	18.792	16.5	0.0	0.0	0.0	6.3
13	17.0	29.6	22.5	75.7	20.039	17.5	0.0	0.0	0.0	8.8
14	16.2	29.5	22.3	73.3	18.772	16.5	0.0	0.0	0.0	8.0
15	16.0	29.5	22.5	72.4	18.613	16.3	0.0	0.0	0.0	7.8
16	17.0	28.1	21.2	83.7	20.864	18.2	0.0	0.0	0.0	3.5
17	15.6	30.7	22.9	74.8	19.898	17.3	0.0	0.0	0.0	8.7
18	15.8	30.5	22.1	77.3	20.044	17.5	0.0	3.6	3.6	7.1
19	17.0	21.0	18.3	95.4	20.205	17.7	8.4	0.0	8.4	0.0
20	14.8	28.0	20.5	76.3	17.765	15.6	0.0	0.0	0.0	7.3
21	15.5	24.4	19.3	86.3	19.608	17.2	9.0	0.0	9.0	1.2
22	15.5	25.5	19.6	86.4	20.228	17.7	3.2	3.2	6.4	2.4
23	15.8	27.3	20.7	82.6	19.677	17.2	0.0	0.0	0.0	4.3
24	14.2	28.9	21.3	74.3	18.264	16.0	0.0	0.0	0.0	10.2
25	15.5	28.2	21.6	78.0	19.805	17.3	0.0	0.7	0.7	7.4
26	16.0	28.5	21.3	82.5	20.344	17.7	8.2	1.1	9.3	7.7
27	16.0	31.5	21.8	78.1	19.969	17.5	0.0	10.0	10.0	7.8
28	15.2	29.5	22.0	75.8	19.262	16.9	0.0	0.0	0.0	8.9
29	15.5	29.0	22.2	73.5	18.964	16.7	0.0	0.0	0.0	8.4
30	15.0	29.6	21.0	72.7	17.450	15.4	0.0	0.0	0.0	5.3
31	17.5	28.0	21.9	78.1	20.071	17.6	0.0	0.0	0.0	3.1
PROM.	15.9	28.1	21.3	79.3	19.542	17.1	33.7	32.0	65.7	188.8

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	31.0	23.7	69.4	19.037	16.7	0.0	0.0	0.0	9.0
2	15.5	31.0	23.0	64.5	17.080	15.0	0.0	0.0	0.0	9.9
3	17.3	27.8	21.6	76.7	19.585	17.2	0.0	0.0	0.0	2.1
4	15.0	30.8	23.3	66.4	17.692	15.5	0.0	0.0	0.0	7.8
5	17.4	28.8	22.8	75.6	20.539	17.9	0.0	1.6	1.6	2.3
6	16.5	30.7	22.9	71.6	18.999	16.7	0.0	0.0	0.0	8.5
7	16.5	30.2	21.0	78.9	19.505	17.1	0.0	23.6	23.6	6.7
8	16.7	29.5	22.3	72.7	18.508	16.3	0.0	0.0	0.0	7.9
9	15.0	28.3	21.8	74.5	18.915	16.6	0.0	0.0	0.0	4.4
10	15.4	30.5	23.2	73.5	20.099	17.5	0.2	5.9	6.1	8.9
11	17.3	29.5	22.8	77.9	21.120	18.4	0.0	0.1	0.1	4.1
12	17.3	23.5	19.0	94.4	21.116	18.3	2.3	7.7	10.0	2.4
13	14.5	24.6	18.8	89.7	19.372	16.9	0.0	0.0	0.0	1.3
14	15.2	24.0	19.6	88.2	20.057	17.5	0.0	0.0	0.0	2.7
15	14.0	25.5	20.5	82.7	19.441	16.9	0.0	1.8	1.8	3.9
16	16.2	27.0	22.3	80.1	21.441	18.6	0.0	0.3	0.3	2.6
17	17.0	25.5	21.6	81.2	20.508	17.9	0.0	3.5	3.5	0.5
18	16.7	29.9	23.0	74.0	19.752	17.2	0.0	5.6	5.6	6.2
19	17.2	29.5	22.7	76.8	20.519	17.9	0.0	0.0	0.0	6.0
20	17.3	30.6	23.3	72.6	20.117	17.6	0.0	0.0	0.0	8.2
21	18.0	30.5	23.5	73.1	20.372	17.8	0.0	0.0	0.0	7.1
22	17.0	31.5	24.3	69.0	19.754	17.3	0.0	0.0	0.0	8.5
23	17.0	32.5	24.5	66.2	19.152	16.8	0.0	0.0	0.0	9.4
24	17.0	31.7	23.7	68.6	19.174	16.8	0.0	0.0	0.0	7.8
25	16.0	31.6	23.4	72.1	19.784	17.3	0.0	0.0	0.0	7.6
26	17.2	33.5	24.9	69.2	20.454	17.8	0.0	0.0	0.0	8.4
27	18.5	32.7	25.4	69.1	21.249	18.4	0.0	0.0	0.0	8.3
28	17.0	32.2	24.5	70.5	20.878	18.2	0.0	0.1	0.1	7.3
PROM.	16.5	29.4	22.6	75.0	19.794	17.3	2.5	50.2	52.7	169.8

ESTACION: NARANJAL

MUNICIPIO: CHINCHINA

AÑO: 1987

ALTITUD: 1.400

LATITUD: 4-58 N.

LONGITUD: 75-42 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	31.0	23.5	69.9	19.523	17.1	0.0	0.0	0.0	7.1
2	17.2	28.2	21.7	79.1	20.789	18.1	5.3	0.0	5.3	2.3
3	16.0	31.0	23.5	68.5	19.214	16.9	0.0	0.0	0.0	8.7
4	17.5	20.8	19.4	93.1	21.084	18.3	1.9	0.0	1.9	0.0
5	16.0	30.6	23.4	70.1	19.173	16.8	0.0	71.1	71.1	8.0
6	15.5	28.2	22.2	77.6	20.268	17.7	0.0	2.9	2.9	8.3
7	16.0	28.0	20.4	80.9	19.273	16.9	17.9	7.5	25.4	6.5
8	16.6	27.0	21.5	74.6	18.863	16.5	0.0	0.0	0.0	6.8
9	17.5	20.0	18.4	94.7	20.219	17.7	5.3	0.0	5.3	0.0
10	14.4	28.4	21.2	74.6	18.109	15.9	0.0	1.2	1.2	9.9
11	16.0	27.5	21.2	74.6	18.565	16.3	0.0	3.9	3.9	6.7
12	16.4	28.8	22.2	75.2	19.417	17.0	0.0	1.6	1.6	7.3
13	17.0	23.2	18.0	97.0	20.237	17.7	18.2	0.0	18.2	0.9
14	15.5	28.6	21.9	74.2	18.493	16.2	0.0	9.2	9.2	8.2
15	16.5	28.4	20.9	81.4	19.848	17.4	1.9	8.7	10.6	5.0
16	17.4	26.0	19.8	84.5	19.660	17.2	2.8	0.9	3.7	1.9
17	15.0	26.6	21.3	78.6	19.689	17.2	0.0	0.0	0.0	2.4
18	16.8	29.0	23.0	72.3	20.022	17.5	0.0	0.0	0.0	7.9
19	17.4	27.5	22.6	80.1	21.680	18.8	0.5	0.0	0.5	0.4
20	17.0	31.0	23.5	69.9	19.392	17.0	0.0	0.0	0.0	9.1
21	17.7	28.8	23.2	75.6	21.355	18.6	0.0	0.6	0.6	4.5
22	17.0	30.6	22.7	79.6	21.376	18.5	2.8	0.0	2.8	7.2
23	17.5	27.0	22.4	81.0	21.714	18.8	0.0	0.0	0.0	0.6
24	18.5	30.4	23.7	75.4	21.757	18.8	0.0	0.0	0.0	6.4
25	17.0	31.6	24.0	71.2	20.390	17.8	0.0	1.6	1.6	8.3
26	16.0	29.0	22.6	74.3	19.666	17.2	0.0	11.3	11.3	4.9
27	18.0	28.6	22.4	80.3	21.320	18.5	0.0	0.0	0.0	6.1
28	18.0	29.4	22.7	80.7	21.893	18.9	0.0	0.0	0.0	4.3
29	17.6	30.2	23.7	71.9	20.533	17.9	0.0	0.2	0.2	6.3
30	18.2	29.6	21.6	80.7	20.917	18.2	11.3	0.1	11.4	6.2
31	17.2	28.0	22.0	82.3	21.561	18.7	0.0	13.7	13.7	6.8
PROM.	16.9	28.2	22.0	78.2	20.194	17.6	67.9	134.5	202.4	169.0

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	27.8	21.7	79.5	20.304	17.7	3.0	0.0	3.0	5.6
2	17.2	20.6	18.8	95.4	21.089	18.3	5.8	1.7	7.5	0.0
3	15.8	20.8	18.6	93.8	20.023	17.5	0.4	1.2	1.6	0.0
4	16.0	26.8	20.5	80.5	19.047	16.7	0.0	0.7	0.7	3.3
5	17.0	24.5	20.2	87.9	20.942	18.2	0.0	0.0	0.0	3.2
6	16.3	30.4	22.7	72.2	19.268	16.9	0.0	0.0	0.0	8.9
7	18.0	30.2	23.8	71.7	20.285	17.7	0.0	0.0	0.0	6.7
8	18.0	25.6	21.0	84.9	21.420	18.6	1.0	22.1	23.1	1.2
9	15.4	27.0	21.6	82.6	20.990	18.2	0.2	0.0	0.2	7.7
10	16.8	27.2	21.6	78.4	20.043	17.5	0.0	0.0	0.0	3.1
11	17.0	28.0	21.8	76.9	19.673	17.2	0.0	0.0	0.0	6.7
12	16.8	30.0	23.2	72.7	20.069	17.5	0.0	4.4	4.4	7.6
13	17.6	28.6	21.7	82.5	21.345	18.5	0.0	0.0	0.0	6.8
14	16.2	29.3	22.8	68.6	18.738	16.5	0.0	0.0	0.0	7.3
15	17.2	29.0	22.3	78.2	21.175	18.4	0.7	0.2	0.9	8.3
16	18.0	30.0	23.1	74.9	21.074	18.4	0.0	0.0	0.0	8.7
17	17.0	29.5	23.3	75.5	21.290	18.5	0.0	8.5	8.5	6.9
18	17.3	28.2	23.2	72.1	19.441	17.0	0.0	0.0	0.0	5.3
19	17.0	31.0	23.4	72.5	20.155	17.5	0.0	0.2	0.2	5.5
20	18.0	28.6	22.9	83.0	22.812	19.6	7.4	28.1	35.5	3.9
21	17.0	27.5	22.2	82.5	21.766	18.8	0.0	0.0	0.0	2.7
22	18.0	25.5	22.5	81.8	22.269	19.2	0.0	0.0	0.0	0.9
23	18.0	26.8	21.6	80.8	20.889	18.2	3.6	0.0	3.6	2.3
24	17.2	24.0	20.0	94.5	22.056	19.0	8.8	54.6	63.4	0.0
25	16.5	25.5	20.1	86.4	20.495	17.9	1.2	9.6	10.8	3.6
26	16.6	27.0	20.0	83.3	19.475	17.1	0.9	0.0	0.9	2.3
27	16.0	27.5	21.4	83.1	20.962	18.2	12.4	5.6	18.0	5.9
28	16.2	24.5	20.9	89.6	22.031	19.0	0.0	0.9	0.9	3.0
29	16.5	25.4	19.7	91.7	21.510	18.6	7.8	0.1	7.9	3.1
30	16.3	22.5	19.3	91.7	20.568	17.9	18.5	24.3	42.8	1.1
PROM.	16.9	27.0	21.5	81.6	20.707	18.0	71.7	162.2	233.9	65

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1987

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	16.2	21.6	18.5	90.9	19.422	17.0	1.4	0.0	1.4	0.0
2	15.0	26.0	20.7	82.3	19.829	17.3	0.0	63.7	63.7	3.9
3	14.0	25.5	20.5	82.2	19.767	17.3	0.0	34.1	34.1	6.9
4	16.5	25.5	19.7	89.2	20.559	17.9	9.8	0.0	9.8	3.7
5	14.5	25.0	19.4	90.5	20.176	17.6	1.8	0.4	2.2	5.2
6	16.5	25.3	20.3	85.3	20.539	17.9	0.0	0.2	0.2	3.4
7	16.2	27.5	21.2	85.0	21.170	18.4	0.0	0.4	0.4	5.5
8	16.4	26.5	21.7	82.1	21.144	18.4	0.0	0.0	0.0	4.8
9	17.0	28.0	22.3	77.8	21.015	18.3	0.0	9.8	9.8	7.6
10	17.6	27.0	21.3	86.9	21.879	18.9	0.0	0.0	0.0	4.5
11	16.0	30.0	24.4	69.3	20.388	17.8	0.0	0.0	0.0	9.0
12	18.0	27.2	23.0	83.6	23.390	20.0	0.4	0.3	0.7	5.9
13	17.5	28.5	22.5	81.6	22.169	19.1	5.0	13.0	18.0	6.8
14	17.4	28.0	22.5	81.2	21.948	19.0	0.4	20.4	20.8	5.8
15	17.0	27.5	20.3	85.2	20.557	17.9	23.4	23.6	47.0	5.4
16	16.5	21.3	19.2	95.4	20.957	18.2	11.7	17.2	28.9	0.2
17	15.5	27.5	21.6	81.4	20.221	17.6	0.0	13.3	13.3	5.9
18	16.8	27.3	22.2	81.6	21.601	18.7	0.0	0.0	0.0	7.5
19	17.2	28.3	22.0	81.0	21.633	18.8	5.2	0.2	5.4	5.9
20	17.2	26.0	20.5	86.1	21.207	18.4	4.0	15.0	19.0	2.2
21	16.7	24.5	20.2	86.8	20.204	17.6	1.0	21.6	22.6	2.6
22	16.0	23.0	19.3	91.4	20.694	18.1	0.6	35.7	36.3	1.6
23	15.5	26.4	19.7	82.1	18.744	16.5	14.0	6.4	20.4	4.3
24	15.5	25.5	20.5	86.3	20.615	18.0	0.0	0.0	0.0	4.2
25	15.2	28.0	21.5	77.8	19.793	17.3	0.0	4.6	4.6	6.3
26	16.0	25.5	17.9	94.6	19.617	17.2	24.9	11.9	36.8	3.6
27	15.0	26.0	20.8	83.3	20.002	17.4	0.0	0.0	0.0	4.9
28	15.1	28.5	22.2	80.8	21.459	18.5	0.0	0.0	0.0	9.6
29	16.5	27.6	22.2	77.0	20.327	17.7	0.0	0.0	0.0	6.4
30	15.7	29.2	23.5	75.0	21.077	18.3	0.0	0.0	0.0	9.0
31	16.8	28.8	23.0	75.6	20.897	18.2	0.0	7.0	7.0	7.3
PROM.	16.2	26.5	21.1	83.5	20.742	18.0	103.6	298.8	402.4	160.3

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	17.2	24.5	20.8	87.8	21.444	18.6	0.0	0.0	0.0	0.8
2	15.3	26.5	21.0	81.9	20.222	17.6	0.0	0.0	0.0	5.1
3	17.2	27.3	21.8	79.9	20.807	18.1	0.0	0.0	0.0	4.2
4	17.0	27.4	21.5	80.9	20.882	18.2	0.8	22.2	23.0	5.4
5	16.5	24.1	19.4	90.3	20.407	17.8	1.4	0.0	1.4	1.4
6	15.5	25.4	20.3	85.4	20.080	17.5	0.0	0.0	0.0	4.4
7	15.7	25.6	20.9	82.2	20.373	17.8	0.7	0.0	0.7	3.4
8	16.0	27.0	21.1	80.0	20.066	17.6	0.3	0.0	0.3	5.6
9	16.5	29.6	23.2	73.7	20.343	17.7	0.0	12.0	12.0	8.9
10	17.0	29.0	22.9	77.8	21.421	18.6	0.0	0.1	0.1	5.4
11	18.0	24.1	20.1	89.0	21.330	18.5	1.2	0.0	1.2	0.0
12	14.5	28.5	22.3	72.0	18.944	16.6	0.1	0.0	0.1	7.4
13	15.5	24.0	21.0	93.3	23.323	19.9	0.5	3.6	4.1	0.0
14	17.0	24.5	20.5	87.8	21.123	18.3	0.8	4.6	5.4	2.3
15	17.0	25.0	21.6	83.0	21.153	18.4	0.0	13.5	13.5	3.1
16	17.3	28.0	22.5	77.4	20.318	17.7	0.0	0.0	0.0	5.4
17	17.0	28.0	22.8	73.2	19.828	17.3	0.0	0.0	0.0	8.9
18	17.5	28.8	21.5	79.7	20.352	17.8	3.0	0.0	3.0	5.2
19	16.5	28.6	23.0	76.3	20.869	18.2	0.0	0.0	0.0	6.6
20	17.8	26.0	21.8	82.9	21.675	18.8	0.0	0.0	0.0	1.5
21	16.5	28.6	22.6	71.4	19.241	16.9	0.0	0.1	0.1	7.3
22	17.0	28.8	22.9	75.6	20.779	18.1	0.0	0.8	0.8	8.7
23	17.5	27.3	20.7	81.3	20.249	17.7	3.2	37.2	40.4	2.0
24	15.5	25.6	20.4	85.3	20.210	17.6	0.1	0.0	0.1	3.6
25	16.0	27.0	21.1	81.4	20.276	17.7	0.0	0.0	0.0	5.1
26	16.1	28.0	22.5	74.4	19.742	17.3	0.0	0.0	0.0	7.7
27	16.0	28.5	22.3	75.2	20.152	17.6	0.1	0.0	0.1	7.5
28	15.3	29.6	23.2	62.9	17.061	14.9	0.0	0.0	0.0	8.9
29	16.0	28.3	22.5	74.8	19.863	17.4	0.0	0.0	0.0	6.4
30	16.2	28.5	22.5	73.5	19.328	16.9	0.0	56.7	56.7	7.3
PROM.	16.5	27.1	21.7	79.7	20.395	17.8	12.2	150.8	163.0	149.5

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1.987
 ALTUD: 1.400 LATITUD: 4-58 N. LONGITUD: 75-42 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	27.5	21.7	77.9	20.053	17.5	0.0	0.0	0.0	7.2
2	16.4	28.9	23.4	73.7	20.513	17.9	0.0	0.0	0.0	8.2
3	17.5	26.6	21.1	82.4	20.949	18.2	7.2	28.6	35.8	3.4
4	17.0	27.0	21.9	82.1	21.162	18.4	0.0	17.0	17.0	5.2
5	16.0	26.5	20.4	84.4	20.264	17.7	5.4	0.0	5.4	3.4
6	15.8	28.4	22.1	80.1	20.768	18.1	0.0	3.0	3.0	5.2
7	18.0	26.5	22.3	79.9	21.367	18.6	8.4	0.0	8.4	5.2
8	17.0	28.4	22.3	78.0	20.637	18.0	0.0	0.0	0.0	6.2
9	18.0	29.0	23.2	78.1	21.815	18.9	0.0	9.0	9.0	7.8
10	17.0	28.8	22.6	78.1	20.502	17.8	0.7	2.5	3.2	7.3
11	17.3	27.8	22.5	76.8	20.415	17.8	0.0	3.0	3.0	5.1
12	17.0	28.9	23.1	76.0	20.982	18.3	0.0	1.2	1.2	8.1
13	18.0	28.5	22.3	78.8	21.115	18.4	0.0	0.4	0.4	8.2
14	17.5	28.3	22.1	82.7	21.797	18.2	5.5	0.0	5.5	7.6
15	18.0	28.4	21.8	78.6	20.297	17.7	0.7	0.0	0.7	4.7
16	17.5	27.6	22.2	77.1	20.620	18.0	0.0	3.9	3.9	6.9
17	17.0	22.8	18.5	94.4	20.712	18.0	32.5	0.5	33.0	0.4
18	16.8	24.2	19.8	90.0	20.557	17.9	0.2	0.2	0.4	2.4
19	15.0	29.5	21.4	75.3	18.876	16.6	0.0	0.0	0.0	6.4
20	16.0	26.6	19.5	93.6	20.843	18.1	11.4	0.0	11.4	8.1
21	16.4	29.4	23.1	72.6	20.099	17.6	0.0	2.9	2.9	9.4
22	16.8	26.1	21.1	82.3	20.409	17.8	0.0	0.0	0.0	4.8
23	15.0	27.8	22.5	73.8	19.477	17.0	0.0	6.1	6.1	8.2
24	16.8	27.2	21.5	79.5	20.094	17.5	0.2	33.7	33.9	5.9
25	16.8	28.0	22.0	77.3	19.881	17.4	0.0	33.5	33.5	6.6
26	16.2	24.6	20.5	88.0	21.123	18.4	0.0	0.0	0.0	1.4
27	17.0	25.8	20.8	85.3	20.842	18.1	0.1	17.0	17.1	4.3
28	16.9	27.0	21.4	79.5	19.745	17.3	0.0	9.5	9.5	4.5
29	16.4	26.2	20.9	84.9	20.795	18.1	1.7	12.6	14.3	4.0
30	16.0	25.2	20.5	82.4	19.412	17.0	0.1	25.0	25.1	2.9
31	16.1	24.0	20.1	84.4	19.590	17.2	0.0	56.0	56.0	1.2
PROM.	16.7	27.1	21.6	80.9	20.507	17.9	74.1	265.6	339.7	171.6

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	24.2	19.8	82.8	18.626	16.3	0.3	2.2	2.5	1.8
2	16.4	23.8	19.5	86.8	19.735	17.3	5.0	24.3	29.3	1.3
3	16.2	26.0	20.0	86.1	20.032	17.5	0.0	3.4	3.4	4.3
4	15.4	26.4	21.5	84.6	21.338	18.5	0.0	12.9	12.9	6.6
5	16.3	27.2	21.6	78.0	19.897	17.4	0.0	1.3	1.3	7.8
6	16.5	25.3	20.1	86.2	20.173	17.6	5.8	7.8	13.6	2.3
7	16.0	28.0	21.8	76.7	19.591	17.1	0.0	43.7	43.7	8.5
8	15.8	26.9	20.7	82.7	19.820	17.3	0.0	0.0	0.0	5.3
9	17.0	28.4	22.2	78.2	20.552	17.9	0.0	10.3	10.3	7.3
10	17.6	25.6	20.9	85.0	20.788	18.1	0.3	3.6	3.9	2.1
11	17.8	27.5	21.2	81.8	20.361	17.8	0.5	10.1	10.6	1.7
12	16.2	25.0	20.2	86.1	20.136	17.6	0.3	0.0	0.3	2.2
13	15.2	26.2	20.5	81.6	19.656	17.2	0.0	0.0	0.0	6.3
14	15.5	29.0	21.9	71.1	17.623	15.4	0.0	0.0	0.0	10.1
15	16.0	28.8	22.4	70.7	18.705	16.4	0.0	0.0	0.0	7.5
16	16.4	27.0	22.0	74.0	19.239	16.9	0.0	0.0	0.0	2.4
17	15.5	25.5	20.3	86.1	20.363	17.8	0.0	0.0	0.0	2.5
18	16.4	27.0	22.0	77.8	20.339	17.7	0.0	0.0	0.0	3.7
19	16.0	29.4	23.0	70.9	18.792	16.5	0.0	0.0	0.0	8.4
20	16.2	28.0	22.5	76.5	20.436	17.8	0.1	0.0	0.1	3.8
21	16.0	29.8	22.4	72.2	19.041	16.7	0.0	0.8	0.8	7.0
22	17.2	29.0	22.5	73.2	19.321	16.9	0.0	5.4	5.4	6.2
23	16.6	29.7	23.8	68.9	19.326	16.9	0.0	0.0	0.0	8.2
24	16.2	28.8	22.5	76.3	20.753	18.1	0.0	0.0	0.0	6.8
25	17.5	29.8	23.7	67.2	19.104	16.7	0.0	0.0	0.0	6.5
26	16.0	29.2	23.2	70.3	19.375	17.0	0.0	0.0	0.0	6.9
27	18.0	25.8	21.7	85.4	22.192	19.2	0.1	23.2	23.3	3.8
28	17.0	27.2	21.8	76.6	19.611	17.2	0.0	0.0	0.0	6.5
29	17.0	29.0	21.9	77.9	20.595	18.0	0.5	17.5	18.0	6.6
30	16.0	26.3	22.0	80.3	21.082	18.3	0.0	0.8	0.8	5.1
31	17.6	28.0	22.0	82.5	21.416	18.5	0.8	34.0	34.8	4.4
PROM.	16.4	27.4	21.7	78.5	19.936	17.4	13.7	201.3	215.0	163.9

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1987
 ALTITUD: 1.400 LATITUD: 4-58 N. LONGITUD: 75-42 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tension vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	26.0	21.1	84.6	21.010	18.3	0.1	0.0	0.1	2.9
2	16.0	27.7	22.3	74.9	19.666	17.2	0.0	0.5	0.5	8.0
3	17.0	27.5	20.6	84.5	20.588	17.9	2.0	4.5	6.5	0.6
4	17.2	25.5	21.0	86.6	21.198	18.4	1.2	18.2	19.4	3.0
5	16.0	22.2	19.2	90.2	20.002	17.5	0.1	0.0	0.1	0.0
6	14.5	27.0	21.8	72.1	18.122	15.9	0.1	2.4	2.5	6.5
7	15.5	27.8	22.2	75.0	19.316	16.9	0.0	0.9	0.9	5.1
8	18.0	25.5	20.6	88.0	21.235	18.4	0.2	0.0	0.2	2.6
9	17.0	26.8	21.8	80.8	20.834	18.1	0.0	0.9	0.9	3.5
10	17.2	26.7	21.5	78.8	20.335	17.7	0.0	0.0	0.0	5.4
11	15.5	29.2	21.1	73.5	18.085	15.8	2.0	0.0	2.0	9.7
12	16.2	28.6	22.3	75.1	19.618	17.0	0.0	0.0	0.0	7.5
13	16.5	28.7	22.1	74.3	19.730	17.3	0.0	64.2	64.2	6.2
14	17.2	25.5	20.9	81.8	19.929	17.5	0.3	2.0	2.3	3.3
15	17.4	25.2	20.6	84.5	20.641	18.0	1.0	0.0	1.0	5.1
16	16.0	29.8	22.3	74.6	19.485	17.1	0.0	1.4	1.4	9.3
17	17.8	23.5	22.5	75.6	20.213	17.7	0.0	0.0	0.0	8.6
18	16.4	29.2	22.1	72.1	19.313	16.9	0.0	0.8	0.8	6.2
19	18.0	29.0	23.1	72.8	19.865	17.4	0.0	10.5	10.9	7.4
20	16.5	24.6	20.5	81.5	19.459	17.1	0.0	19.4	19.4	2.8
21	16.0	24.0	20.1	85.1	19.662	17.2	0.0	1.1	1.1	4.5
22	16.5	26.5	21.4	80.2	20.139	17.6	0.1	3.2	3.3	4.3
23	16.0	25.4	19.2	90.0	20.391	17.7	0.5	0.0	0.5	2.1
24	16.4	25.2	20.0	85.8	20.415	17.8	0.0	0.1	0.1	2.8
25	16.7	22.0	18.8	93.4	20.293	17.7	2.4	0.0	2.4	0.0
26	14.6	27.6	20.5	82.5	19.593	17.1	0.0	0.0	0.0	4.1
27	16.0	29.2	22.3	70.5	18.554	16.3	0.0	0.0	0.0	8.8
28	17.6	26.8	21.0	80.5	20.466	17.9	0.4	0.6	1.0	2.4
29	14.0	28.6	20.4	78.8	18.370	16.1	4.9	19.2	24.1	6.6
30	16.5	22.3	18.8	86.8	18.770	16.5	0.3	0.0	0.3	0.2
PROM.	16.4	26.6	21.1	80.5	19.843	17.3	15.6	150.3	165.9	139.5

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tension vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.6	27.0	20.5	78.8	18.545	16.3	0.0	3.1	3.1	6.6
2	17.2	27.4	20.9	79.8	19.542	17.1	15.3	9.4	24.7	4.8
3	16.0	27.0	20.8	80.4	19.593	17.2	0.4	8.8	9.2	5.0
4	17.0	26.2	20.2	84.6	20.260	17.7	15.7	11.3	27.0	4.6
5	17.2	24.6	20.0	83.8	19.661	17.2	8.3	0.0	8.3	2.2
6	15.4	27.7	21.6	79.9	20.433	17.8	0.0	1.4	1.4	6.2
7	17.2	27.0	21.6	81.7	21.214	18.4	0.0	25.0	25.0	1.2
8	17.0	24.2	19.2	91.1	20.522	17.9	5.9	31.1	37.0	0.9
9	16.0	24.4	19.3	86.1	19.282	16.9	0.5	0.0	0.5	1.3
10	15.9	27.3	22.5	72.5	19.741	17.2	0.0	0.0	0.0	6.4
11	17.0	23.0	19.2	90.0	20.352	17.7	23.4	0.0	23.4	3.6
12	16.0	28.0	20.3	79.3	18.674	16.4	1.0	0.0	1.0	6.3
13	15.0	28.3	20.6	77.7	18.780	16.5	1.8	51.9	53.7	6.3
14	15.5	27.3	21.1	81.9	20.399	17.8	0.0	6.2	6.2	7.3
15	16.5	27.5	20.5	85.0	20.617	18.0	18.7	10.3	29.0	5.5
16	16.8	27.0	20.1	86.1	20.433	17.8	28.6	28.6	57.2	3.2
17	16.4	22.1	18.3	92.4	19.896	17.4	11.3	0.0	11.3	0.0
18	15.9	26.0	20.3	83.8	20.082	17.5	0.0	0.4	0.4	0.3
19	16.3	25.5	20.2	82.8	19.708	17.3	0.0	0.0	0.0	2.4
20	15.5	27.2	22.2	75.1	19.983	17.5	0.0	15.1	15.1	7.2
21	16.5	23.5	19.0	87.9	20.230	17.7	0.0	0.0	0.0	0.2
22	16.4	27.2	21.4	79.2	19.910	17.4	0.0	33.8	33.8	4.5
23	17.0	27.5	21.0	80.8	20.229	17.7	0.0	0.0	0.0	4.4
24	16.2	26.9	20.6	80.8	19.719	17.3	1.2	0.0	1.2	2.9
25	15.0	24.9	20.0	83.2	19.136	16.8	0.2	36.0	36.2	3.3
26	17.0	26.8	21.1	80.3	19.858	17.4	0.2	46.4	46.6	4.7
27	17.1	23.8	19.5	90.7	20.703	18.0	13.9	43.4	57.3	0.5
28	17.0	20.0	18.3	96.5	20.329	17.8	6.7	0.0	6.7	0.0
29	16.3	26.8	20.6	85.5	20.756	18.1	4.8	6.2	11.0	2.7
30	16.4	26.9	19.9	81.6	19.151	16.8	4.6	0.8	5.4	2.7
31	15.7	27.6	20.3	82.2	19.851	17.4	2.5	19.9	22.4	6.4
PROM.	16.3	26.0	20.4	83.3	19.922	17.4	165.0	389.1	554.1	113.6

ESTACION: NARANJAL
 ALTITUD: 1.400

MUNICIPIO: CHINCHINA AÑO: 1.987
 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	15.6	26.2	20.6	72.4	17.206	15.1	0.0	0.0	0.0	4.8
2	16.4	27.5	21.3	76.4	19.112	16.8	0.0	16.0	16.0	8.3
3	16.8	25.6	20.2	82.7	19.748	17.3	0.0	0.0	0.0	4.7
4	16.4	27.0	21.5	78.2	20.121	17.6	0.2	0.0	0.2	5.0
5	16.8	27.2	21.5	80.6	20.682	18.0	0.0	0.0	0.0	4.5
6	17.4	27.0	21.7	79.3	20.795	18.1	0.2	12.7	12.9	4.9
7	16.0	26.4	20.3	85.0	20.645	18.0	0.2	0.0	0.2	3.7
8	15.0	28.0	20.9	80.1	19.705	17.2	0.0	0.0	0.0	7.3
9	16.8	29.8	22.6	74.3	19.730	17.2	0.0	0.0	0.0	8.5
10	18.0	29.4	22.7	78.3	21.089	18.3	0.4	0.0	0.4	8.2
11	17.4	29.0	22.2	78.0	20.529	17.9	0.0	0.0	0.0	5.9
12	17.0	28.2	22.8	73.6	20.168	17.6	0.0	62.0	62.0	5.2
13	16.4	27.3	21.0	83.0	20.647	18.0	4.2	0.3	4.5	6.4
14	17.5	27.0	21.3	79.4	19.936	17.4	0.0	54.3	54.3	4.4
15	17.0	27.2	21.2	83.9	21.007	18.3	0.0	0.0	0.0	5.2
16	16.8	27.5	21.5	81.7	21.002	18.3	0.0	0.0	0.0	5.1
17	17.0	28.8	22.7	79.8	21.715	18.8	0.0	2.5	2.5	8.1
18	18.0	26.9	21.4	81.3	20.703	18.0	0.0	25.9	25.9	3.1
19	17.0	25.5	20.0	86.8	20.562	18.0	25.9	15.2	41.1	1.5
20	16.7	26.8	20.0	85.0	20.269	17.7	22.0	34.1	56.1	3.3
21	16.0	22.9	19.4	87.5	19.829	17.4	2.1	0.5	2.6	0.5
22	14.0	28.0	20.7	76.2	18.282	16.1	0.0	0.0	0.0	10.4
23	15.0	29.3	22.6	76.6	20.481	17.9	0.0	0.0	0.0	10.5
24	18.5	28.4	22.4	75.2	20.253	17.7	0.0	24.4	24.4	6.2
25	16.0	25.0	19.8	86.0	19.744	17.3	32.6	0.0	32.6	2.9
26	16.4	24.7	20.0	87.1	20.379	17.8	0.0	0.0	0.0	3.9
27	16.0	27.3	20.5	80.0	19.055	16.7	0.0	0.0	0.0	6.9
28	15.4	28.1	21.5	73.3	18.453	16.2	0.0	0.0	0.0	10.0
29	17.0	29.9	21.9	79.0	20.469	17.8	0.0	11.1	11.1	7.4
30	17.8	19.7	17.5	96.7	19.676	17.2	50.1	0.0	50.1	0.1
PROM.	16.6	27.1	21.1	80.6	20.066	17.5	137.9	259.0	396.9	166.9

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	26.5	20.0	80.7	18.467	16.2	3.1	18.9	22.0	5.1
2	16.4	23.8	20.1	86.6	20.202	17.7	0.0	1.4	1.4	0.7
3	16.2	25.8	20.5	77.5	18.494	16.3	0.0	0.0	0.0	3.6
4	15.4	27.8	20.5	80.3	19.289	16.9	0.0	0.3	0.3	4.7
5	17.0	27.0	21.3	78.8	19.730	17.3	0.0	0.0	0.0	5.3
6	14.9	27.6	20.6	81.9	19.238	16.8	0.0	2.7	2.7	6.5
7	17.4	26.2	20.4	86.0	20.786	18.1	4.9	1.3	6.2	1.4
8	16.0	27.4	21.3	79.7	19.984	17.5	0.0	0.0	0.0	6.0
9	16.2	27.0	20.8	76.9	19.113	16.8	0.1	0.0	0.1	3.4
10	16.4	25.8	21.1	84.0	20.931	18.2	2.5	0.0	2.5	3.0
11	16.2	29.0	22.4	79.7	21.387	18.5	0.0	0.0	0.0	8.1
12	17.0	28.2	22.3	79.8	21.090	18.3	0.0	4.8	4.8	8.8
13	17.2	28.1	21.5	85.3	21.829	18.9	0.0	0.0	0.0	3.6
14	17.5	28.9	22.4	83.0	22.051	19.0	0.0	0.0	0.0	5.9
15	17.0	28.8	23.2	76.0	21.130	18.3	0.0	0.0	0.0	8.3
16	17.2	29.2	21.8	78.1	20.190	17.6	0.0	0.0	0.0	8.3
17	15.2	29.8	21.5	72.3	17.805	15.6	0.0	0.0	0.0	7.9
18	15.7	29.9	22.1	69.2	17.723	15.6	0.0	0.0	0.0	7.7
19	16.3	30.6	22.3	77.4	20.120	17.5	0.0	0.0	0.0	8.9
20	18.0	28.5	22.6	79.3	21.438	18.6	0.0	0.0	0.0	9.2
21	16.4	29.6	22.5	68.8	17.946	15.7	0.0	0.0	0.0	6.4
22	15.2	30.8	22.9	64.9	16.972	14.9	0.0	0.0	0.0	8.2
23	15.0	30.3	23.0	68.0	17.997	15.8	0.0	0.0	0.0	9.1
24	15.5	28.6	22.6	71.8	18.612	16.3	0.0	0.0	0.0	9.9
25	15.2	29.9	22.8	69.9	18.702	16.4	0.0	0.0	0.0	6.2
26	18.0	27.6	22.5	79.6	21.485	18.6	0.0	0.0	0.0	9.7
27	16.5	29.1	22.8	75.9	20.515	17.9	0.0	0.0	0.0	2.8
28	16.4	25.3	20.7	86.9	21.212	18.4	0.4	1.2	1.6	7.1
29	17.5	28.0	21.7	84.6	21.687	18.7	0.0	6.6	6.6	2.2
30	17.3	26.6	21.6	81.0	20.547	17.9	0.0	0.0	0.0	3.7
31	14.8	29.3	21.9	76.2	19.289	16.9	0.0	4.4	4.4	3.6
PROM.	16.3	28.0	21.7	78.1	19.870	17.3	11.0	80.1	91.1	183.1

ESTACION: **NARANJAL**MUNICIPIO **CHINCHINA**AÑO **1.987**ALTITUD: **1.400**LATITUD: **4-58 N.**LONGITUD **75-42 W.**

MESES	TEMPERATURA °C					Humedad relativa o/g	Tensión vapor mb.	Punto roció °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días Huevas	
ENERO	15.9	28.1	21.3	14.0	31.5	79.3	19.542	17.1	65.7	11	188.8
FEBRERO	16.5	29.4	22.6	14.0	33.5	75.0	19.794	17.3	52.7	10	169.8
MARZO	16.9	29.2	22.0	14.4	31.6	78.2	20.194	17.6	202.4	21	169.0
ABRIL	16.9	27.0	21.5	15.4	31.0	81.6	20.707	18.0	233.9	19	131.6
MAYO	16.2	26.5	21.1	14.0	30.0	83.5	20.742	18.0	402.4	22	160.3
JUNIO	16.5	27.1	21.7	14.5	29.6	79.7	20.395	17.8	163.0	18	149.5
JULIO	16.7	27.1	21.6	15.0	29.5	80.9	20.507	17.9	339.7	25	171.6
AGOSTO	16.4	27.4	21.7	15.2	29.8	78.5	19.936	17.4	215.0	18	163.9
SEPTIEMBRE	16.4	26.6	21.1	14.0	29.8	80.5	19.843	17.3	165.9	25	139.5
OCTUBRE	16.3	26.0	20.4	14.6	28.3	83.3	19.922	17.4	554.1	27	113.6
NOVIEMBRE	16.6	27.1	21.1	14.0	29.9	80.6	20.066	17.5	396.9	17	166.9
DICIEMBRE	16.3	28.0	21.7	14.0	30.8	78.1	19.870	17.3	91.1	12	183.1
PROMEDIO	16.5	27.4	21.5	14.4	30.4	79.9	20.127	17.6			
TOTAL									2882.8	225	1907.6

ESTACION: LA FLORIDA
 ALTITUD: 1.850

MUNICIPIO: POPAYAN
 LATITUD: 2-27 N.

AÑO: 1.987
 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										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15	12.0	26.4	19.3	74.8	16.776	14.6	0.0	0.0	0.0	9.6
16	13.6	26.2	19.9	74.8	17.357	15.2	0.0	0.0	0.0	9.5
17	12.5	27.0	19.5	64.5	14.331	12.1	0.0	0.0	0.0	9.6
18	12.7	25.0	18.4	66.6	14.331	12.3	0.0	0.0	0.0	6.7
19	12.9	23.0	17.9	80.3	16.273	14.2	0.0	0.0	0.0	1.4
20	13.0	24.5	17.8	76.0	15.356	13.4	2.0	0.0	2.0	4.4
21	12.5	23.7	19.2	74.9	16.481	14.3	3.1	13.6	16.7	5.9
22	14.5	22.2	17.8	83.5	17.023	15.0	4.5	0.0	4.5	2.1
23	14.8	21.2	17.5	90.8	18.312	16.1	5.0	0.0	5.0	1.8
24	11.8	25.0	18.6	79.7	17.012	14.9	0.0	0.0	0.0	7.3
25	12.2	24.6	19.2	71.6	15.657	13.5	0.0	0.0	0.0	6.4
26	13.7	24.0	18.1	79.0	16.714	14.6	1.7	0.0	1.7	4.2
27	12.8	22.4	18.1	81.4	16.840	14.7	0.0	0.0	0.0	2.4
28	14.0	25.6	19.8	69.7	15.732	13.7	0.0	0.0	0.0	5.5
29	12.7	25.7	19.3	64.9	14.166	12.0	0.0	0.0	0.0	9.6
30	14.0	25.0	19.3	75.7	16.816	14.6	0.0	0.0	0.0	5.8
31	13.8	24.8	19.0	74.0	16.656	14.6	2.9	0.0	2.9	7.4
PROM.										

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.7	26.6	21.3	64.5	16.638	14.4	0.0	0.0	0.0	8.3
2	16.0	26.2	21.2	51.3	12.820	10.6	0.0	0.0	0.0	0.5
3	16.1	24.9	20.0	63.2	14.260	12.1	0.0	0.0	0.0	2.4
4	14.5	25.8	20.2	75.3	17.763	15.6	0.0	0.0	0.0	4.4
5	14.0	26.0	20.0	80.1	18.233	16.0	0.0	0.0	0.0	8.3
6	12.8	25.9	20.7	68.3	16.439	14.1	0.0	0.0	0.0	9.7
7	12.4	26.3	18.7	77.3	16.957	14.8	1.1	0.0	1.1	7.8
8	12.0	25.0	19.9	68.0	15.671	13.7	0.0	0.0	0.0	8.5
9	13.0	25.5	19.9	71.0	15.790	13.8	0.0	0.0	0.0	4.5
10	13.8	26.2	20.2	69.4	16.252	14.2	0.0	0.0	0.0	4.6
11	14.5	26.4	20.2	70.9	16.624	14.6	0.8	0.0	0.8	5.1
12	14.0	25.6	18.3	82.8	17.586	15.3	0.6	7.2	7.8	4.4
13	12.5	24.4	18.0	78.2	16.031	14.0	0.0	10.2	10.2	6.8
14	14.6	16.3	15.9	94.7	17.097	15.0	14.3	0.0	14.3	0.0
15	12.4	25.8	19.9	71.8	16.363	14.4	0.0	0.0	0.0	9.0
16	12.8	27.2	20.7	73.1	17.414	15.2	0.0	0.0	0.0	8.6
17	13.0	25.2	20.0	65.5	14.898	12.9	0.0	0.0	0.0	5.0
18	15.0	25.0	18.8	82.8	17.977	15.8	1.0	0.0	1.0	4.6
19	14.5	24.8	18.8	82.5	17.777	15.7	0.0	0.0	0.0	7.8
20	14.0	24.0	19.2	80.1	17.494	15.4	0.0	0.0	0.0	5.1
21	11.6	24.9	19.8	70.5	15.728	13.7	0.0	0.0	0.0	6.2
22	14.7	24.6	20.0	76.5	17.595	15.5	0.0	0.0	0.0	6.8
23	13.0	27.0	20.2	63.0	14.623	12.6	0.0	0.0	0.0	9.5
24	14.4	26.6	21.2	60.6	14.663	12.7	0.0	0.0	0.0	5.8
25	14.0	27.1	20.5	64.2	14.734	12.7	0.0	0.0	0.0	7.9
26	14.6	28.0	21.5	60.2	14.987	13.0	0.0	0.0	0.0	9.1
27	16.5	26.8	21.5	64.9	16.392	14.4	0.0	0.0	0.0	6.3
28	14.0	27.0	22.0	63.9	16.667	14.7	0.0	0.0	0.0	6.0
PROM.	13.9	25.6	20.0	71.2	16.267	14.2	26.8	17.4	44.2	173.5

ESTACION: LA FLORIDA

MUNICIPIO: POPAYAN

AÑO:

1.987

ALTITUD: 1.850

LATITUD: 2-27 N.

LONGITUD: 76-35 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.0	24.6	20.1	74.3	17.158	15.0	0.0	0.0	0.0	4.3
2	13.0	25.2	19.5	80.0	18.103	15.8	0.0	0.0	0.0	3.8
3	13.4	27.3	19.7	79.7	18.024	15.7	17.2	0.0	17.2	5.1
4	14.0	19.0	16.5	92.4	17.450	15.3	6.0	0.0	6.0	0.4
5	12.8	26.4	18.1	82.1	16.797	14.7	0.2	11.1	11.3	3.2
6	14.0	24.1	18.4	79.2	16.262	14.3	0.0	0.0	0.0	2.7
7	14.4	25.2	19.1	78.8	17.431	15.3	0.5	16.1	16.6	4.0
8	14.5	25.5	18.3	84.2	17.943	15.8	4.0	2.1	6.1	2.9
9	14.0	19.2	16.5	91.5	17.223	15.2	3.3	0.0	3.3	0.1
10	12.0	25.0	18.1	77.4	15.736	13.7	0.6	12.0	12.6	8.7
11	13.8	24.0	17.4	77.5	15.618	13.6	5.6	0.0	5.6	5.0
12	12.5	25.6	17.5	78.3	15.711	13.6	8.4	0.4	8.8	5.8
13	11.5	23.5	17.5	80.1	15.804	13.6	0.7	7.5	8.2	3.9
14	13.9	24.6	17.5	77.7	15.560	13.6	5.9	0.0	5.9	5.2
15	12.0	23.4	18.7	80.7	17.311	15.2	0.0	0.0	0.0	4.6
16	13.0	23.6	18.6	81.6	17.200	15.1	0.0	0.0	0.0	0.7
17	14.7	24.7	19.4	71.3	15.845	13.8	0.0	0.0	0.0	4.6
18	12.5	28.0	20.8	58.3	13.405	11.3	0.0	0.0	0.0	8.1
19	12.0	27.0	20.7	63.5	14.960	13.0	0.0	0.0	0.0	9.5
20	12.0	28.3	22.7	56.3	14.842	12.9	0.0	0.0	0.0	9.8
21	15.0	27.2	21.7	74.1	18.924	16.6	0.0	0.0	0.0	6.3
22	13.0	26.5	21.3	61.5	15.099	13.1	0.0	0.0	0.0	5.8
23	13.1	27.2	20.5	74.2	17.330	15.1	0.0	0.0	0.0	5.6
24	14.0	28.0	20.1	63.0	14.371	12.4	0.0	0.0	0.0	5.4
25	13.5	28.6	21.4	68.1	16.988	14.9	0.0	0.0	0.0	9.9
26	13.5	26.4	19.5	79.1	17.986	15.7	8.7	0.4	9.1	5.9
27	15.0	23.2	17.7	95.5	19.164	16.8	4.0	2.9	6.9	3.9
28	14.7	24.5	19.0	81.5	17.862	15.7	4.7	0.5	5.2	4.6
29	13.4	26.4	19.8	77.8	17.713	15.6	0.7	0.0	0.7	4.5
30	14.5	21.0	17.6	90.4	18.144	15.9	10.0	0.0	10.0	0.0
31	14.0	24.0	18.8	83.6	17.836	15.6	6.1	3.9	10.0	1.6
PROM.	13.4	25.1	19.1	77.2	16.768	14.6	86.6	56.9	143.5	146.3

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	14.5	23.6	19.1	85.1	18.641	16.3	2.7	35.8	38.5	2.5
2	14.4	22.0	17.2	92.7	18.159	16.0				0.3
3	13.4	20.8	17.2	88.1	17.092	15.0				0.5
4	11.5	26.2	19.5	78.7	17.923	15.7				7.8
5	13.0	23.4	16.9	91.9	18.058	15.9				0.9
6										7.8
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
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27										
28										
29										
30										
PROM.										

ESTACION: MANUEL MEJIA

MUNICIPIO: TAMBO

AÑO: 1.987

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										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15	15.0	24.0	19.7	79.6	18.081	15.9	0.0	0.0	0.0	6.0
16	13.4	26.0	20.5	72.3	16.415	14.3	0.0	0.0	0.0	8.5
17	12.6	27.2	21.2	59.1	13.596	11.3	0.0	0.0	0.0	8.4
18	13.4	25.2	21.0	53.9	12.811	10.5	0.0	0.0	0.0	5.5
19	12.4	23.0	17.3	86.4	16.668	14.6	0.0	0.0	0.0	1.1
20	15.5	25.4	19.2	81.6	18.034	15.8	11.1	0.0	11.1	5.5
21	15.4	24.4	20.1	75.3	17.444	15.3	0.0	10.5	10.5	7.2
22	16.8	24.0	19.2	84.2	18.840	16.5	0.3	0.4	0.7	3.4
23	16.4	23.4	19.1	87.1	19.195	16.8	1.0	0.0	1.0	2.5
24	15.7	25.0	20.6	81.5	19.225	16.8	0.0	0.0	0.0	8.8
25	16.4	24.0	20.1	82.4	19.178	16.9	0.0	3.1	3.1	
26	16.8	25.2	18.8	86.7	19.255	16.9	3.3	0.0	3.3	6.4
27	15.6	23.2	20.1	82.7	15.137	16.8	0.0	0.3	0.3	1.6
28	16.0	25.6	20.5	84.5	20.184	17.6	0.0	0.0	0.0	7.4
29	14.0	24.4	20.8	68.7	16.158	14.1	0.0	0.0	0.0	4.2
30	13.9	24.2	19.5	76.9	16.777	14.7	0.0	0.0	0.0	5.7
31	16.8	25.0	21.7	71.3	17.869	15.6	0.0	0.0	0.0	9.2
PROM.										

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	27.4	22.3	66.0	16.645	14.5	0.0	0.0	0.0	
2	14.0	27.0	22.3	55.6	14.150	12.1	0.0	0.0	0.0	7.4
3	16.8	24.6	20.4	75.8	18.055	15.8	0.0	0.0	0.0	1.5
4	17.0	24.5	19.9	81.4	18.783	16.5	0.0	0.0	0.0	2.7
5	16.4	25.4	20.4	76.7	18.074	15.9	0.0	0.0	0.0	8.2
6	14.5	26.2	21.4	66.1	15.590	13.5	0.0	0.0	0.0	6.6
7	13.8	26.0	20.5	64.9	14.450	12.3	0.0	0.0	0.0	9.3
8	15.8	26.4	21.7	63.6	15.197	13.2	0.0	0.0	0.0	
9	13.0	27.6	19.0	71.4	14.904	12.9	0.0	0.0	0.0	5.1
10	14.6	25.5	21.5	60.5	14.537	12.2	0.0	0.0	0.0	4.8
11	16.5	26.4	21.5	61.9	15.633	13.5	0.0	0.0	0.0	6.7
12	15.9	26.6	20.5	72.1	16.759	14.4	0.0	11.2	11.2	6.6
13	15.6	25.5	20.4	72.3	16.954	14.7	6.0	10.7	16.7	5.2
14	16.0	17.8	17.0	96.9	18.739	16.5	13.3	0.0	13.3	8.4
15	13.4	23.0	18.4	83.9	17.307	15.2	0.0	0.0	0.0	
16	16.0	25.5	20.4	78.5	18.235	16.0	0.0	0.0	0.0	8.1
17	14.0	24.8	20.3	68.7	15.891	13.7	0.0	0.0	0.0	5.3
18	17.0	25.4	19.7	84.2	19.344	17.0	19.0	0.0	19.0	4.6
19	17.6	24.3	20.2	86.0	20.356	17.8	4.6	0.0	4.6	4.4
20	17.0	24.0	20.5	81.1	19.364	17.0	0.0	0.0	0.0	3.6
21	16.4	24.8	21.2	72.1	17.371	15.1	0.0	0.0	0.0	8.6
22	17.5	24.5	20.3	70.6	16.537	14.4	0.0	0.0	0.0	
23	15.8	26.6	21.4	55.3	13.065	10.6	0.0	0.0	0.0	8.5
24	17.0	26.6	21.5	51.6	13.161	11.0	0.0	0.0	0.0	5.3
25	15.9	28.5	22.6	48.3	12.528	10.2	0.0	0.0	0.0	8.1
26	14.5	27.3	21.4	57.8	13.487	11.0	0.0	0.0	0.0	7.8
27	17.4	27.2	22.9	45.9	12.255	9.7	0.0	0.0	0.0	6.6
28	14.0	28.0	22.3	62.0	15.012	13.0	0.0	0.0	0.0	8.2
PROM.	15.7	25.6	20.8	69.0	16.157	13.9	42.9	21.9	64.8	

ESTACION: MANUEL MEJIA

MUNICIPIO: TAMBO

AÑO:

1.987

ALTITUD: 1.700

LATITUD: 2-24 N.

LONGITUD: 76-48 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	26.0	20.4	70.5	15.788	13.8	0.0	0.0	0.0	
2	14.0	26.3	20.2	76.8	17.932	15.8	0.0	0.0	0.0	4.2
3	14.5	27.4	20.9	68.1	15.765	13.7	0.0	0.2	0.2	7.3
4	17.5	20.4	18.0	92.5	19.214	16.8	14.7	0.0	14.7	0.6
5	15.8	25.8	19.9	73.4	16.466	14.3	0.0	0.5	0.5	2.7
6	16.0	23.2	19.7	78.1	17.496	15.4	0.0	0.0	0.0	1.1
7	15.4	26.4	19.3	73.5	16.003	13.7	29.9	22.2	52.1	6.4
8	16.5	20.2	17.8	82.5	16.972	14.9	0.2	0.0	0.2	
9	15.8	22.5	18.3	82.9	17.428	15.3	1.8	0.0	1.8	0.7
10	14.7	24.4	19.5	73.0	16.220	14.1	0.0	9.4	9.4	7.7
11	16.0	24.8	19.1	80.4	17.541	15.4	0.6	0.0	0.6	5.3
12	14.9	25.3	18.6	78.2	16.403	14.3	7.0	1.2	8.2	5.1
13	15.0	24.8	18.5	82.5	17.501	15.4	0.0	9.0	9.0	6.5
14	15.6	25.0	18.8	77.0	16.335	14.1	1.6	0.0	1.6	6.4
15	15.0	24.4	19.4	86.7	19.170	16.8	0.0	0.0	0.0	
16	16.8	23.4	19.3	83.7	18.791	16.5	0.5	0.0	0.5	1.6
17	15.8	24.8	20.4	69.9	16.368	14.3	0.0	0.0	0.0	7.0
18	11.8	26.7	20.9	63.2	14.485	12.3	0.0	0.0	0.0	8.4
19	11.5	25.4	20.6	58.5	12.934	10.7	0.0	0.0	0.0	8.0
20	13.0	27.2	22.2	50.5	12.561	10.2	0.0	0.0	0.0	9.1
21	16.0	26.6	22.3	66.8	16.862	14.7	0.0	0.0	0.0	10.0
22	13.0	27.2	21.2	66.8	15.524	13.6	0.0	0.0	0.0	
23	14.0	25.4	20.7	70.5	16.300	14.3	0.0	0.0	0.0	
24	16.0	27.2	20.9	75.7	18.126	15.9	0.0	0.0	0.0	4.9
25	14.0	26.3	21.1	71.5	17.012	14.8	0.0	0.7	0.7	8.3
26	16.5	27.0	20.2	78.4	18.376	16.1	12.2	0.1	12.3	5.2
27	16.8	23.8	19.8	88.6	20.630	18.0	9.7	0.0	9.7	2.2
28	17.5	25.0	20.4	75.0	17.601	15.4	0.0	1.9	1.9	7.0
29	16.5	27.0	21.6	74.4	18.508	16.1	0.0	1.5	1.5	
30	17.5	21.2	18.9	89.0	19.431	17.1	41.2	0.0	41.2	0.0
31	15.4	25.6	20.0	75.3	17.125	15.0	0.0	1.8	1.8	3.3
PROM.	15.3	25.1	20.0	75.3	16.996	14.8	119.4	48.5	167.9	

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	23.6	19.6	83.2	18.868	16.6	12.9	28.5	41.4	3.5
2	16.0	23.8	18.2	82.2	17.125	15.0	23.5	4.8	28.3	4.6
3	15.4	24.0	18.7	77.6	16.334	14.2	0.0	0.0	0.0	0.0
4	14.5	26.3	19.6	70.9	15.608	13.5	1.3	1.6	2.9	9.3
5	16.0	25.0	19.3	75.7	16.642	14.6	2.0	0.0	2.0	
6	16.0	27.0	20.9	66.9	15.682	13.6	0.0	0.0	0.0	9.4
7	15.5	27.0	21.7	67.8	16.561	14.4	0.0	0.0	0.0	8.3
8	17.0	24.4	20.6	72.5	17.147	15.0	0.0	0.0	0.0	0.0
9	15.0	24.0	19.8	73.0	16.305	14.3	0.0	0.0	0.0	6.6
10	14.5	24.0	18.5	80.8	17.235	15.2	8.3	0.0	8.3	2.8
11	14.6	24.0	19.8	75.7	17.076	15.0	0.0	0.0	0.0	8.6
12	12.0	25.3	19.8	60.8	12.691	10.4	0.0	0.0	0.0	
13	13.0	24.1	18.9	72.8	15.489	13.5	0.0	0.0	0.0	4.6
14	13.1	24.1	18.8	70.3	14.976	12.9	0.0	0.0	0.0	7.2
15	15.5	25.4	20.3	67.2	15.558	13.5	0.0	0.0	0.0	9.7
16	16.0	25.1	19.3	76.5	16.856	14.7	0.0	0.0	0.0	
17	14.0	25.0	19.6	72.2	15.638	13.7	0.0	0.0	0.0	
18	14.0	26.3	21.3	54.1	12.072	9.4	2.8	0.0	2.8	
19	17.0	24.3	20.8	50.8	12.545	10.3	0.0	0.0	0.0	
20	15.0	26.0	19.9	64.3	14.299	12.1	0.0	0.0	0.0	7.0
21	14.4	23.3	18.6	75.2	15.522	13.4	0.0	0.0	0.0	1.9
22	15.0	24.4	19.4	72.5	16.084	13.5	0.0	0.0	0.0	5.6
23	15.3	25.3	19.7	71.2	15.914	13.8	0.0	0.0	0.0	3.8
24	16.5	24.4	19.0	82.1	18.105	15.9	0.6	0.0	0.6	2.2
25	15.0	24.0	19.2	77.4	17.090	15.0	0.0	0.0	0.0	3.9
26	16.1	22.8	19.6	70.7	15.653	13.6	3.9	0.0	3.9	
27	15.0	24.3	18.8	88.3	19.437	17.0	2.4	5.1	7.5	3.0
28	14.5	22.2	17.8	90.7	18.648	16.4	9.1	36.9	46.0	0.4
29	15.6	23.3	18.1	81.5	16.891	14.8	0.5	16.8	17.3	6.6
30	15.0	22.0	18.2	81.1	16.852	14.8	0.0	0.5	0.5	
PROM.	15.1	24.5	19.5	73.5	16.103	14.0	67.3	94.2	161.5	

ESTACION: MANUEL MEJIA

MUNICIPIO: TAMBO

AÑO:

1.987

ALTITUD: 1.700

LATITUD: 2-24 N.

LONGITUD: 76-48 W.

M E S - M A Y O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	20.8	17.8	88.1	17.850	15.7	0.0	0.5	0.5	
2	14.0	23.3	17.6	84.3	16.855	14.8	0.7	0.0	0.7	
3	14.8	24.4	18.8	73.3	15.491	13.4	0.0	11.2	11.2	6.1
4	15.5	22.0	17.9	81.0	16.563	14.5	3.4	0.0	3.4	3.3
5	13.5	24.1	18.4	81.7	17.262	15.1	20.7	2.7	23.4	4.9
6	15.0	22.4	17.9	78.7	16.003	14.0	0.0	19.9	19.9	5.4
7	15.0	25.0	20.0	72.9	17.071	15.0	0.0	0.0	0.0	8.1
8	15.0	24.7	19.3	74.3	16.686	14.6	1.6	0.2	1.8	5.0
9	16.0	23.0	18.7	79.8	17.214	15.1	7.1	0.0	7.1	10.5
10	15.0	23.0	20.0	82.1	18.874	16.5	0.3	0.5	0.8	
11	14.5	26.0	20.9	55.2	12.949	10.4	0.0	0.0	0.0	
12	13.8	26.0	20.2	66.3	15.290	13.3	0.0	0.0	0.0	8.1
13	15.0	23.3	18.7	76.1	15.983	13.8	1.2	0.0	1.2	2.5
14	15.5	25.1	19.6	72.6	15.833	13.7	0.2	0.0	0.2	5.3
15	15.0	23.8	19.1	79.5	17.388	15.3	1.8	0.1	1.9	3.4
16	16.5	22.0	18.2	82.9	17.411	15.3	12.8	1.6	14.4	4.4
17	15.0	23.6	18.8	77.4	16.318	14.2	0.0	0.0	0.0	
18	14.5	26.0	19.6	67.1	14.924	12.9	0.0	0.0	0.0	9.8
19	14.0	25.0	20.0	73.4	16.733	14.6	0.0	0.2	0.2	5.8
20	17.0	24.1	19.0	75.0	16.699	14.6	12.5	14.6	27.1	4.6
21	15.5	24.1	19.0	81.0	17.737	15.6	0.0	23.3	23.3	5.6
22	16.3	23.3	18.3	83.4	17.675	15.6	16.2	0.9	17.1	4.7
23	15.5	22.2	17.9	82.9	17.085	15.0	12.5	4.6	17.1	2.9
24	14.8	21.5	17.9	86.6	17.496	15.4	0.0	0.0	0.0	
25	14.6	24.4	18.7	78.3	16.715	14.6	0.0	0.0	0.0	6.4
26	13.5	24.3	18.6	80.9	17.265	15.2	0.0	0.0	0.0	5.1
27	15.0	24.9	19.3	62.3	13.607	11.4	0.0	0.0	0.0	7.4
28	11.5	25.6	20.0	52.1	11.627	8.8	0.0	0.0	0.0	10.1
29	10.5	25.0	18.5	63.7	12.388	10.1	0.0	0.0	0.0	9.8
30	10.5	26.1	20.9	53.1	11.951	9.5	0.0	0.0	0.0	9.0
31	12.5	25.0	20.3	58.7	13.199	10.9	0.0	0.0	0.0	
PROM.	14.5	24.0	19.0	74.3	16.005	13.8	91.0	80.3	171.3	

M E S - J U N I O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	25.0	19.0	68.7	14.472	12.3	0.0	0.0	0.0	3.8
2	14.0	23.6	20.2	56.0	13.024	10.8	0.0	0.0	0.0	4.1
3	15.0	24.0	19.3	76.6	16.987	14.9	0.0	0.0	0.0	3.1
4	15.6	23.0	19.2	79.3	17.709	15.6	0.0	0.2	0.2	1.1
5	15.6	23.0	18.0	80.7	16.774	14.7	4.9	0.1	5.0	0.6
6	13.5	25.0	18.6	75.1	16.123	14.1	0.9	0.0	0.9	8.3
7	14.1	24.0	18.9	75.4	15.842	13.7	0.0	0.0	0.0	
8	15.0	22.6	19.2	79.9	17.513	15.4	3.5	0.0	3.5	0.7
9	15.5	25.0	21.2	54.3	12.161	9.4	0.0	0.0	0.0	6.2
10	13.3	25.8	21.1	53.0	12.674	10.3	0.0	0.0	0.0	9.0
11	15.0	25.4	19.5	61.3	13.777	11.7	0.0	0.0	0.0	4.5
12	14.0	26.0	20.3	66.4	14.913	12.8	0.0	0.0	0.0	5.8
13	16.0	24.3	19.7	73.8	16.651	14.8	0.5	0.0	0.5	6.6
14	17.1	21.3	18.4	83.8	17.750	15.6	0.0	0.0	0.0	
15	14.4	24.0	18.8	77.2	16.610	14.6	0.0	0.0	0.0	
16	13.0	26.0	19.2	67.5	14.313	12.2	0.0	0.0	0.0	9.3
17	12.8	24.0	18.3	74.6	15.344	13.3	0.0	0.0	0.0	
18	13.5	27.1	21.8	53.2	12.412	9.9	0.0	0.0	0.0	
19	14.6	25.1	20.9	55.7	13.454	11.1	0.0	0.0	0.0	10.4
20	12.0	26.0	18.6	61.4	12.055	9.6	0.0	0.0	0.0	5.4
21	10.0	25.0	19.3	59.9	11.906	9.4	0.0	0.0	0.0	10.5
22	14.0	25.0	19.5	58.7	12.434	10.0	0.0	0.0	0.0	
23	10.5	23.3	19.1	60.4	13.512	11.4	0.0	0.0	0.0	4.4
24	13.5	25.6	19.5	61.9	13.676	11.6	0.0	0.0	0.0	5.1
25	13.0	25.4	20.5	56.3	12.364	9.8	0.0	0.0	0.0	7.7
26	14.5	26.4	20.6	47.5	11.089	8.1	0.0	0.0	0.0	9.8
27	11.5	25.8	20.8	38.4	9.235	5.8	0.0	0.0	0.0	11.4
28	10.0	26.0	20.8	47.7	11.038	6.8	0.0	0.0	0.0	
29	10.6	26.0	19.1	60.2	12.601	10.3	0.0	0.0	0.0	
30	10.0	24.0	19.4	68.5	15.529	13.4	1.8	0.0	1.8	4.8
PROM.	13.5	24.8	19.6	64.5	14.098	11.8	11.6	0.3	11.9	

ESTACION: MANUEL MEJIA

MUNICIPIO: TAMBO

AÑO: 1.987

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	12.5	23.3	19.1	73.2	15.739	13.7	0.0	4.0	4.0	3.7
2	13.5	26.3	19.6	72.7	15.952	13.9	0.7	0.0	0.7	6.7
3	12.5	23.8	18.4	82.0	16.972	14.9	0.4	0.0	0.4	1.5
4	14.5	24.8	17.8	77.7	15.967	14.0	1.2	0.7	1.9	6.2
5	14.6	24.0	19.7	61.0	13.341	10.7	0.0	0.0	0.0	
6	11.5	26.0	20.7	41.4	9.163	5.5	0.0	0.0	0.0	10.7
7	12.0	26.0	20.2	52.3	11.586	9.1	0.0	0.0	0.0	7.5
8	13.0	26.4	20.1	55.4	12.298	9.6	0.0	0.0	0.0	6.7
9	13.0	26.1	19.4	66.7	14.113	12.0	0.0	0.0	0.0	4.4
10	14.6	25.5	21.0	53.7	12.611	9.7	0.0	0.0	0.0	4.7
11	12.5	24.4	19.1	55.8	11.276	8.6	0.0	0.0	0.0	10.7
12	13.0	27.2	21.9	37.9	9.089	5.5	0.0	0.0	0.0	
13	11.4	27.4	19.2	54.9	11.740	9.2	0.0	0.0	0.0	6.5
14	11.5	25.0	18.6	69.6	14.097	11.9	0.4	0.0	0.4	4.5
15	13.0	24.2	19.1	60.5	12.904	10.6	0.0	0.0	0.0	5.1
16	10.6	25.0	20.1	55.7	11.971	9.5	0.0	0.0	0.0	7.1
17	14.5	23.6	18.0	74.2	15.281	13.2	0.0	0.0	0.0	2.4
18	13.0	24.2	19.2	66.1	13.787	11.7	1.3	0.0	1.3	10.9
19	10.0	26.0	19.3	56.3	11.065	8.3	0.0	0.0	0.0	
20	11.9	26.0	20.3	45.3	10.352	7.4	0.0	0.0	0.0	
21	10.5	25.5	21.2	44.9	11.270	8.7	0.3	0.0	0.3	5.9
22	13.5	24.0	19.2	61.3	13.293	11.1	0.0	0.0	0.0	4.0
23	13.0	25.6	19.1	69.9	14.588	12.3	0.0	0.0	0.0	4.4
24	15.0	23.5	18.5	79.8	16.897	14.8	9.6	0.0	9.6	0.1
25	15.0	24.1	18.1	83.9	17.324	15.2	0.8	0.2	1.0	4.4
26	16.3	23.1	18.5	76.2	16.017	14.0	0.0	0.0	0.0	
27	15.0	24.0	19.7	78.1	17.465	15.2	0.3	0.0	0.3	3.9
28	15.5	23.0	18.8	78.3	16.925	14.8	0.1	0.0	0.1	2.1
29	15.8	24.0	19.1	74.6	16.278	14.2	0.0	2.3	2.3	3.7
30	16.0	21.1	17.3	90.8	17.892	15.7	4.8	0.1	4.9	1.8
31	16.0	23.3	18.6	81.4	17.248	15.1	1.3	2.4	3.7	2.4
PROM.	13.4	24.7	19.3	65.5	14.016	11.6	21.2	9.7	30.9	

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	16.0	20.1	16.8	88.3	17.046	15.0	0.0	0.0	0.0	0.8
2	15.0	20.0	17.1	85.6	16.602	14.5	0.0	0.0	0.0	
3	15.5	25.2	18.7	74.3	15.754	13.7	4.6	0.0	4.6	5.5
4	15.0	23.8	18.5	73.6	15.518	13.4	0.0	26.5	26.5	8.6
5	15.5	24.7	19.0	75.9	16.821	14.7	0.0	0.0	0.0	6.2
6	15.4	24.1	18.9	71.6	15.428	13.3	0.0	0.0	0.0	6.4
7	11.5	23.4	18.2	75.7	15.221	13.1	0.0	0.0	0.0	5.4
8	13.8	24.2	18.5	75.4	15.971	13.9	0.0	0.0	0.0	
9	15.2	24.8	18.7	81.9	17.535	15.4	0.0	0.0	0.0	
10	14.8	21.6	16.9	84.6	16.923	14.7	2.9	0.0	2.9	2.4
11	13.0	23.8	18.4	79.0	16.494	14.4	0.5	1.4	1.9	3.2
12	14.9	21.2	17.3	88.4	17.630	15.5	5.1	0.0	5.1	1.5
13	12.9	24.6	18.6	63.0	12.552	10.3	0.0	0.0	0.0	7.2
14	16.0	25.0	21.2	33.9	8.567	4.7	0.0	0.0	0.0	11.0
15	15.7	25.8	20.9	42.6	10.337	7.4	0.0	0.0	0.0	
16	14.0	23.0	19.1	48.8	10.685	7.9	0.0	0.0	0.0	
17	15.0	23.5	18.3	62.0	12.928	10.5	0.0	0.0	0.0	
18	16.5	25.8	21.3	38.3	9.723	6.4	0.0	0.0	0.0	6.7
19	12.0	27.3	20.4	45.1	10.657	7.8	0.0	0.0	0.0	9.8
20	16.5	26.5	21.4	46.8	11.535	8.8	0.0	0.0	0.0	6.0
21	14.0	26.7	21.0	47.5	11.474	8.9	0.0	0.0	0.0	7.0
22	13.0	26.0	20.4	52.6	11.692	9.2	0.0	0.0	0.0	10.5
23	12.4	26.8	20.3	44.1	9.236	5.7	0.0	0.0	0.0	
24	14.0	25.5	19.9	45.4	10.246	7.3	0.0	0.0	0.0	5.3
25	14.7	25.0	20.4	43.1	10.234	7.3	0.0	0.0	0.0	7.5
26	15.5	25.5	20.8	40.4	9.650	6.5	0.0	0.0	0.0	3.9
27	13.5	24.0	19.4	57.8	12.035	9.5	0.0	0.0	0.0	9.1
28	9.2	25.2	18.6	55.5	10.401	7.5	0.0	0.0	0.0	
29	11.5	26.0	18.0	65.0	12.593	10.1	0.0	0.0	0.0	7.1
30	14.0	23.0	18.8	67.4	14.015	11.9	0.6	0.7	1.3	
31	15.0	25.2	19.4	63.6	14.252	11.9	0.0	0.0	0.0	5.2
PROM.	14.2	24.4	19.2	61.8	13.218	10.7	13.7	28.6	42.3	

ESTACION: MANUEL MEJIA

MUNICIPIO: TAMBO

AÑO:

1.987

ALTITUD: 1.700

LATITUD: 2-24 N.

LONGITUD: 76-48 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	25.1	19.0	61.3	13.016	10.7	0.0	0.0	0.0	5.4
2	12.0	25.9	18.3	68.9	13.991	11.7	0.3	0.0	0.3	6.0
3	14.4	24.0	18.5	78.3	16.436	14.3	10.1	6.1	16.2	3.9
4	15.3	21.4	18.2	82.7	17.014	14.9	0.5	0.0	0.5	
5	15.8	24.5	19.0	71.3	15.175	13.0	0.1	0.0	0.1	6.7
6	14.9	26.8	19.1	73.7	15.419	13.2	0.0	0.0	0.0	
7	15.0	26.0	20.0	73.3	16.441	14.3	0.0	0.0	0.0	6.1
8	16.0	25.5	20.4	75.5	17.749	15.6	0.0	0.0	0.0	1.8
9	13.4	26.0	19.8	76.4	16.870	14.8	0.0	0.0	0.0	6.0
10	13.5	26.6	19.5	74.1	16.488	14.4	0.0	0.0	0.0	
11	11.2	26.3	19.2	70.7	14.744	12.7	0.0	0.0	0.0	7.7
12	13.8	28.0	20.9	67.7	15.794	13.8	0.0	0.0	0.0	9.2
13	12.4	27.6	19.8	76.2	17.269	15.1	0.4	0.0	0.4	9.6
14	15.0	25.4	19.0	78.7	17.273	15.2	0.9	4.9	5.8	4.9
15	14.8	27.1	19.5	76.1	16.724	14.7	0.1	0.0	0.1	5.6
16	12.4	27.2	20.7	55.6	12.303	9.9	0.0	0.0	0.0	9.0
17	15.4	25.2	21.4	56.9	14.465	12.5	0.0	0.0	0.0	2.9
18	12.8	28.2	20.7	68.8	15.659	13.6	0.0	0.0	0.0	7.0
19	14.7	25.5	19.5	76.1	16.941	14.8	0.0	0.0	0.0	3.6
20	13.2	20.8	19.0	84.4	18.452	16.2	0.0	0.0	0.0	6.4
21	15.0	23.2	18.0	80.7	16.718	14.7	0.7	0.0	0.7	3.0
22	12.8	24.6	18.3	83.0	17.526	15.4	13.6	0.0	13.6	2.1
23	14.4	26.2	18.6	80.5	16.963	14.9	2.2	0.0	2.2	4.2
24	14.8	25.5	19.2	79.9	17.537	15.4	0.0	0.0	0.0	3.3
25	15.0	21.2	17.7	92.1	18.856	16.6	6.4	0.0	6.4	0.3
26	11.8	24.0	18.5	80.7	16.805	14.7	0.0	0.0	0.0	
27	15.0	24.4	18.9	77.6	16.750	14.7	0.0	0.0	0.0	
28	14.8	27.4	19.1	78.2	16.950	14.9	3.2	0.0	3.2	6.6
29	14.0	27.8	19.1	80.5	17.859	15.7	0.2	32.5	32.7	7.0
30	14.8	23.0	18.0	80.8	16.583	14.5	7.8	17.2	25.0	6.8
PROM.	14.1	25.3	19.2	75.4	16.359	14.2	46.5	60.7	107.2	

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	25.2	19.0	81.2	17.957	15.8	0.0	0.0	0.0	
2	15.0	23.0	18.6	84.5	17.865	15.7	0.0	0.0	0.0	6.6
3	14.9	22.8	19.0	85.5	18.715	16.4	0.7	1.9	2.6	5.5
4	15.8	23.4	18.3	84.0	17.831	15.7	3.1	0.0	3.1	
5	15.0	23.2	18.4	88.2	19.028	16.7	11.2	0.0	11.2	3.8
6	15.9	25.2	19.2	81.8	18.152	16.0	0.0	0.0	0.0	5.0
7	15.0	24.0	19.7	82.2	18.920	16.6	2.5	0.0	2.5	4.8
8	15.4	23.7	19.0	87.6	19.382	17.0	0.7	15.3	16.0	2.7
9	16.0	23.2	19.0	82.4	17.998	15.9	0.0	0.2	0.2	1.4
10	16.2	24.3	19.2	83.0	18.834	16.5	0.0	9.2	9.2	7.9
11	15.2	24.8	19.7	79.7	18.233	16.1	0.2	0.0	0.2	
12	14.4	25.5	20.1	77.2	17.888	15.7	6.3	0.0	6.3	
13	15.0	25.0	18.7	82.3	17.789	15.7	5.5	0.4	5.9	5.6
14	15.4	25.3	19.5	81.0	18.273	16.1	0.0	44.3	44.3	4.7
15	14.8	23.8	19.4	82.8	18.468	16.3	0.0	0.5	0.5	6.0
16	16.8	24.2	19.4	87.5	20.065	17.5	0.7	49.6	50.3	2.7
17	16.2	21.4	18.3	94.0	20.047	17.5	9.0	14.4	23.4	3.8
18	16.0	23.5	19.5	84.0	18.925	16.6	10.8	25.7	36.5	
19	16.4	24.0	19.9	83.9	19.302	16.9	0.0	0.0	0.0	7.8
20	17.2	22.8	18.9	83.7	19.744	17.3	6.0	8.9	14.9	4.1
21	16.2	24.6	19.6	85.3	18.698	16.4	10.9	0.0	10.9	2.8
22	17.0	24.3	19.8	81.7	18.719	16.4	0.8	0.0	0.8	4.4
23	17.0	24.5	19.8	79.2	18.096	15.8	0.0	0.0	0.0	3.0
24	16.0	24.3	18.5	88.0	19.352	17.0	19.2	0.6	19.8	7.1
25	16.0	24.5	19.6	81.1	18.568	16.3	11.3	7.2	18.5	
26	15.8	24.9	19.1	85.3	19.094	16.8	8.7	9.2	17.9	2.5
27	16.8	24.0	19.1	85.7	19.105	16.8	5.1	28.0	33.1	7.0
28	15.4	20.0	17.6	94.4	19.021	16.7	0.5	0.1	0.6	0.0
29	16.0	22.9	18.6	94.9	20.596	18.0	3.1	3.2	6.3	2.4
30	15.8	23.2	18.9	83.8	18.326	16.1	0.0	12.2	12.2	4.0
31	16.4	24.0	18.8	87.8	19.337	17.0	0.2	35.4	35.6	8.3
PROM.	15.8	23.9	19.1	84.6	18.785	16.5	116.5	266.3	382.8	

ESTACION: MANUEL MEJIA

MUNICIPIO: TAMBO

ANO: 1.987

ALTITUD: 1.700

LATITUD: 2-24 N.

LONGITUD: 76-48 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.2	22.9	18.3	83.1	17.182	15.1	0.0	0.0	0.0	
2	15.0	23.5	18.9	80.2	17.152	15.0	0.0	35.0	35.0	3.5
3	15.4	24.0	19.1	84.8	18.848	16.6	0.5	0.0	0.5	3.1
4	15.6	23.5	19.1	83.3	18.691	16.4	0.0	0.0	0.0	4.5
5	15.0	23.3	19.3	86.0	19.143	16.8	0.0	0.0	0.0	3.7
6	17.0	23.1	19.5	84.8	19.156	16.8	0.0	0.0	0.0	3.2
7	16.0	22.4	18.4	88.8	18.974	16.7	0.0	0.0	0.0	
8	13.4	23.2	18.7	83.9	17.637	15.5	0.0	0.0	0.0	7.5
9	14.4	25.4	19.5	79.3	17.537	15.4	0.0	0.0	0.0	5.2
10	13.0	23.6	19.1	83.8	18.294	16.1	0.0	0.0	0.0	3.7
11	14.5	24.4	19.8	77.4	17.587	15.4	0.3	0.0	0.3	4.7
12	16.0	24.6	19.7	77.9	17.582	15.3	0.0	0.0	0.0	6.1
13	14.9	25.1	20.0	81.0	18.778	16.5	0.9	43.6	44.5	6.3
14	16.0	23.1	18.2	89.0	18.705	16.4	1.5	2.3	3.8	
15	16.4	22.8	19.5	88.8	20.121	17.6	2.4	15.1	17.5	
16	16.0	23.1	19.7	86.1	19.715	17.2	0.0	21.0	21.0	3.5
17	15.8	25.0	19.5	85.6	19.551	17.1	8.4	1.4	9.8	0.3
18	17.6	23.2	19.5	86.5	20.026	17.5	4.1	12.1	16.2	3.0
19	15.4	22.8	19.2	86.5	19.172	16.8	0.0	3.6	3.6	7.7
20	16.5	24.0	19.1	86.3	19.201	16.9	5.7	18.7	24.4	8.8
21	16.0	25.6	20.0	77.0	17.764	15.5	0.0	2.1	2.1	
22	17.0	25.7	20.1	83.5	19.545	17.1	8.4	0.0	8.4	8.8
23	13.9	25.0	20.1	81.9	18.979	16.7	0.0	0.0	0.0	7.7
24	17.4	25.3	20.0	82.0	19.366	17.0	0.0	29.6	29.6	4.1
25	16.0	24.2	18.7	85.3	18.690	16.4	13.8	0.5	14.3	1.8
26	15.0	21.5	18.4	88.5	18.754	16.5	0.0	0.5	0.5	6.4
27	14.5	24.5	20.4	84.0	19.532	17.0	0.0	0.0	0.0	9.3
28	12.0	24.2	18.8	80.4	17.059	15.0	0.0	0.0	0.0	
29	14.3	24.4	18.8	83.3	18.025	15.9	0.0	11.1	11.1	
30	15.0	24.8	19.5	82.4	18.491	16.3	0.0	0.0	0.0	
PROM.	15.3	23.9	19.3	83.7	18.642	16.4	46.0	196.6	242.6	

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	15.0	23.5	17.9	87.9	18.123	16.0	8.1	5.8	13.9	4.3
2	15.8	20.6	17.8	91.0	18.709	16.4	1.1	1.6	2.7	0.5
3	15.4	23.5	18.7	84.5	18.236	16.1	4.7	9.4	14.1	6.2
4	15.2	23.4	19.2	83.6	18.373	16.2	0.0	0.0	0.0	6.2
5	16.0	23.7	19.4	86.2	19.543	17.2	1.6	0.3	1.9	7.9
6	16.2	24.9	18.5	84.9	18.179	16.0	10.4	14.2	24.6	9.0
7	15.4	24.8	18.8	81.3	17.699	15.6	4.2	0.0	4.2	
8	16.2	24.0	19.6	82.4	18.628	16.3	0.3	0.0	0.3	
9	16.7	24.1	18.9	86.6	19.269	16.9	10.9	0.0	10.9	
10	16.8	23.8	19.0	90.3	20.144	17.6	0.3	0.0	0.3	
11	15.7	23.4	19.6	87.7	19.896	17.4	0.0	0.0	0.0	5.4
12	17.0	22.4	19.1	87.9	19.578	17.1	0.4	0.0	0.4	4.1
13	17.5	22.6	19.6	82.6	18.684	16.4	0.0	0.0	0.0	
14	16.8	23.6	20.1	83.9	19.786	17.3	0.0	0.0	0.0	3.1
15	14.8	25.0	18.9	84.8	18.669	16.4	1.3	0.0	1.3	5.1
16	15.2	23.2	19.0	91.2	20.321	17.7	0.0	1.2	1.2	4.4
17	15.8	23.0	19.1	91.4	20.254	17.7	0.0	0.0	0.0	9.7
18	16.8	22.0	19.6	83.6	18.873	16.6	0.0	0.0	0.0	
19	14.8	24.0	19.7	76.7	17.246	15.2	0.0	0.0	0.0	
20	14.6	24.9	20.3	72.8	16.407	14.4	0.0	0.0	0.0	
21	15.4	24.6	19.4	82.9	18.367	16.1	0.0	0.0	0.0	
22	14.0	25.2	19.4	84.3	18.785	16.5	0.0	0.0	0.0	
23	14.4	26.4	20.3	78.1	18.035	15.8	0.0	0.0	0.0	10.0
24	14.2	25.1	19.9	78.0	17.604	15.5	0.0	0.0	0.0	
25	12.8	24.0	18.3	80.9	17.328	15.2	0.0	0.0	0.0	
26	14.4	25.0	19.3	75.5	16.983	14.8	0.0	0.0	0.0	
27	13.0	25.4	19.6	81.3	18.208	16.0	0.0	0.0	0.0	
28	14.8	25.6	20.2	83.2	19.453	17.1	0.0	0.0	0.0	
29	16.7	25.8	20.0	82.8	19.091	16.8	0.0	0.0	0.0	
30	16.4	23.6	19.0	84.4	19.145	16.8	0.0	0.0	0.0	
31	15.6	23.4	18.7	85.3	18.429	16.2	0.0	0.0	0.0	
PROM.	15.4	24.0	19.3	83.8	18.647	16.4	43.3	32.5	75.8	

ESTACION: **MANUEL MEJIA** MUNICIPIO: **TAMBO** AÑO: **1.987**
 ALTITUD: **1.700** LATITUD: **2-24 N.** LONGITUD: **76-48 W.**

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días luvias	
ENERO											
FEBRERO	15.7	25.6	20.8	13.0	28.5	69.0	16.157	13.9	64.8	5	
MARZO	15.3	25.1	20.0	11.5	27.4	75.3	16.996	14.8	167.9	19	
ABRIL	15.1	24.5	19.5	12.0	27.0	73.5	16.163	14.0	161.5	12	
MAYO	14.5	24.0	19.0	10.5	26.1	74.3	16.005	13.8	171.3	18	
JUNIO	13.5	24.8	19.6	10.0	27.1	64.5	14.098	11.8	11.9	6	
JULIO	13.4	24.7	19.3	10.0	27.4	65.5	14.016	11.6	30.9	14	
AGOSTO	14.2	24.4	19.2	9.2	27.3	61.8	13.218	10.7	42.3	6	
SEPTIEMBRE	14.1	25.3	19.2	11.2	28.2	75.4	16.359	14.2	107.2	14	
OCTUBRE	15.8	23.9	19.1	14.4	25.5	84.6	18.785	16.5	382.8	26	
NOVIEMBRE	15.3	23.9	19.3	12.0	25.7	83.7	18.642	16.4	242.6	17	
DICIEMBRE	15.4	24.0	19.3	12.8	26.4	83.8	18.647	16.4	75.8	12	
PHOMEDIO											
TOTAL											

ESTACION: LA CAMPIRA

MUNICIPIO: TIMBIO

AÑO: 1.987

ALTITUD: 1.850

LATITUD: 2-20 N.

LONGITUD: 76-39 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							5.0	8.0	13.0	
2							0.0	0.0	0.0	
3							0.0	0.0	0.0	
4							0.0	0.0	0.0	
5							33.0	0.0	33.0	
6							0.0	70.0	70.0	
7							0.0	5.0	5.0	
8							22.0	0.0	22.0	
9							0.0	0.0	0.0	
10							0.0	0.0	0.0	
11							0.0	0.0	0.0	
12							0.0	0.0	0.0	
13							0.0	0.0	0.0	
14							0.0	0.0	0.0	
15							0.0	0.0	0.0	
16							0.0	0.0	0.0	
17							0.0	0.0	0.0	
18							0.0	0.0	0.0	
19							0.0	0.0	0.0	
20							15.0	0.0	15.0	
21							0.0	5.0	5.0	
22							9.0	8.0	17.0	
23							34.0	0.0	34.0	
24							0.0	0.0	0.0	
25							0.0	0.0	0.0	
26							10.0	0.0	10.0	
27							0.0	0.0	0.0	
28							0.0	0.0	0.0	
29							0.0	0.0	0.0	
30							0.0	0.0	0.0	
31							0.0	0.0	0.0	
PROM.							128.0	96.0	224.0	

M E S - FEBREFO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1							0.0	0.0	0.0	
2							0.0	0.0	0.0	
3							0.0	0.0	0.0	
4							0.0	0.0	0.0	
5							0.0	0.0	0.0	
6							0.0	0.0	0.0	
7							0.0	0.0	0.0	
8							0.0	0.0	0.0	
9							0.0	0.0	0.0	
10							0.0	0.0	0.0	
11							0.0	0.0	0.0	
12							0.0	42.0	42.0	
13							0.0	8.0	8.0	
14							7.0	3.0	10.0	
15							0.0	0.0	0.0	
16							0.0	0.0	0.0	
17							0.0	0.0	0.0	
18							18.0	0.0	18.0	
19							17.0	0.0	17.0	
20							0.0	0.0	0.0	
21							0.0	0.0	0.0	
22							0.0	0.0	0.0	
23							0.0	0.0	0.0	
24							0.0	0.0	0.0	
25							0.0	0.0	0.0	
26							0.0	0.0	0.0	
27							0.0	0.0	0.0	
28							0.0	0.0	0.0	
PROM							42.0	53.0	95.0	

ESTACION: LA CAMPINA

MUNICIPIO: TIMBIO

AÑO:

1.987

ALTITUD: 1.850

LATITUD: 2-20 N.

LONGITUD: 76-39 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							0.0	0.0	0.0	
2							0.0	0.0	0.0	
3							0.0	0.0	0.0	
4							18.0	0.0	18.0	
5							0.0	11.0	11.0	
6							0.0	0.0	0.0	
7							23.0	19.0	42.0	
8							5.0	0.0	5.0	
9							6.0	0.0	6.0	
10							0.0	11.0	11.0	
11							0.0	7.0	7.0	
12							2.0	4.0	6.0	
13							0.0	0.0	0.0	
14							32.0	0.0	32.0	
15							0.0	0.0	0.0	
16							0.0	0.0	0.0	
17							0.0	0.0	0.0	
18							0.0	0.0	0.0	
19							0.0	0.0	0.0	
20							0.0	0.0	0.0	
21							0.0	0.0	0.0	
22							0.0	0.0	0.0	
23							0.0	0.0	0.0	
24							0.0	0.0	0.0	
25							0.0	0.0	0.0	
26							8.0	0.0	8.0	
27							0.0	1.0	1.0	
28							45.0	0.0	45.0	
29							0.0	0.0	0.0	
30							7.0	8.0	15.0	
31							0.0	8.0	8.0	
PROM.							146.0	69.0	215.0	

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										
2										
3										
4										
5										
6										
7										
8										
9										
10	14.7	24.0	18.4	85.3	18.460	16.2	0.0	0.0	0.0	5.2
11	13.6	23.3	18.9	84.5	18.511	16.3	1.1	0.0	1.1	4.6
12	12.5	24.8	19.5	66.0	13.857	11.6	0.0	0.0	0.0	3.6
13	14.5	23.0	19.0	82.7	18.003	15.2	0.0	0.0	0.0	5.6
14	13.5	24.0	18.9	82.6	17.767	15.6	0.0	0.0	0.0	0.5
15	14.0	25.7	19.9	73.3	16.763	14.7	0.0	0.0	0.0	8.0
16	12.5	25.2	18.5	82.3	17.759	15.6	0.0	0.0	0.0	9.1
17	12.6	24.6	20.0	80.8	18.535	16.3	3.7	0.0	3.7	8.6
18	13.5	25.0	21.0	69.0	16.730	14.6	0.0	0.0	0.0	6.1
19	17.5	23.3	19.6	64.9	15.252	13.3	0.0	0.0	0.0	8.4
20	15.0	26.0	20.7	69.4	16.351	14.9	0.0	0.0	0.0	0.7
21	14.0	24.5	18.9	79.8	17.261	15.1	0.0	0.0	0.0	7.4
22	13.6	25.2	19.3	83.6	18.765	16.4	0.0	0.0	0.0	2.6
23	14.6	25.5	20.8	75.7	17.888	15.7	0.0	0.0	0.0	5.9
24	15.3	24.0	19.4	84.0	19.198	16.8	0.0	0.5	0.5	4.4
25	15.5	24.5	19.0	82.8	17.965	15.8	0.0	0.0	0.0	1.9
26	15.4	23.2	18.5	89.5	18.968	16.7	0.0	0.0	0.0	2.0
27	13.0	24.5	17.4	97.2	19.392	16.5	5.0	0.5	5.5	2.5
28	13.8	21.6	17.7	93.0	18.789	16.5	4.4	5.4	9.8	3.2
29	14.6	23.0	17.5	87.8	17.785	15.7	31.5	3.7	35.2	0.0
30	15.0	21.3	17.7	88.1	17.683	15.5	1.3	5.2	6.5	3.3
PROM.							0.7	1.0	1.7	2.7

ESTACION: LA CAMPINA MUNICIPIO: TIMBIO AÑO: 1.987
 ALTITUD: 1.850 LATITUD: 2-20 N. LONGITUD: 76-39 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	15.5	20.2	17.3	92.0	18.110	16.0	0.3	0.0	0.3	0.0
2	13.3	21.5	16.8	94.5	18.036	15.8	6.4	0.0	6.4	1.1
3	13.2	25.2	18.4	80.5	17.058	14.9	0.0	2.8	2.8	5.7
4	14.6	23.2	17.5	82.9	16.508	14.5	4.6	0.0	4.6	2.2
5	14.0	24.0	17.9	84.9	17.642	15.5	21.0	2.4	23.4	3.9
6	14.5	22.0	17.6	90.0	18.015	15.9	0.6	9.7	10.3	3.5
7	14.8	24.5	19.2	88.3	19.478	17.0	0.0	0.0	0.0	7.5
8	14.2	24.6	19.0	85.0	18.506	16.2	0.8	0.4	1.2	6.7
9	15.2	23.3	19.4	83.0	18.548	16.3	3.1	0.0	3.1	4.3
10	14.4	21.8	17.7	91.2	18.112	15.9	1.9	0.6	2.5	2.3
11	15.0	26.4	20.4	65.3	15.166	13.1	0.0	0.0	0.0	6.6
12	14.8	26.0	20.1	70.3	16.155	14.1	0.0	0.0	0.0	6.4
13	15.0	23.5	19.3	84.8	18.716	16.4	0.3	0.0	0.3	3.2
14	14.5	25.2	19.4	83.2	18.497	16.3	0.0	0.0	0.0	4.7
15	14.5	23.5	18.2	92.4	19.216	16.9	6.3	0.0	6.3	3.2
16	16.0	23.0	18.0	88.6	18.772	16.5	16.2	5.8	22.0	1.7
17	14.3	23.0	18.7	83.3	17.721	15.6	0.0	0.0	0.0	2.8
18	14.5	27.0	21.3	63.7	15.719	13.6	0.0	0.0	0.0	10.8
19	15.5	24.3	19.4	82.9	18.571	16.3	0.0	0.3	0.3	3.7
20	15.9	23.3	18.1	86.6	18.695	16.4	20.5	5.2	25.7	4.2
21	15.0	23.8	18.5	87.3	18.805	16.5	0.1	3.2	3.3	3.9
22	15.2	23.0	17.5	91.7	18.463	16.2	8.3	2.2	10.5	4.2
23	14.6	21.4	16.9	91.8	18.164	16.0	30.2	7.4	37.6	0.4
24	14.0	22.2	18.1	86.4	17.683	15.5	0.0	0.0	0.0	0.1
25	14.5	24.9	19.6	80.0	17.934	15.8	0.0	0.0	0.0	6.3
26	13.6	24.0	18.2	86.2	18.005	15.8	0.0	0.0	0.0	4.7
27	14.5	24.0	18.9	79.0	17.198	15.1	0.0	0.0	0.0	6.5
28	12.0	26.2	20.4	55.2	12.622	10.4	0.0	0.0	0.0	9.9
29	11.5	26.0	19.7	60.5	13.399	11.3	0.0	0.0	0.0	9.0
30	15.0	26.3	21.1	55.8	13.900	11.5	0.0	0.0	0.0	9.8
31	15.5	27.2	21.5	60.3	15.296	13.3	0.0	0.0	0.0	8.8
PROM.	14.5	24.0	18.8	80.9	17.378	15.2	120.6	40.0	160.6	147.9

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	25.0	20.0	69.6	15.851	13.8	0.0	0.0	0.0	2.0
2	14.0	24.5	20.0	61.8	14.670	12.7	0.0	0.0	0.0	4.7
3	14.0	24.5	19.2	79.4	17.275	15.2	0.0	0.0	0.0	4.1
4	15.2	21.3	18.6	86.5	18.586	16.3	0.1	0.5	0.6	1.6
5	15.9	22.8	17.9	87.1	18.298	16.1	2.5	0.0	2.5	0.1
6	13.5	25.0	18.3	85.2	17.932	15.8	8.7	0.0	8.7	4.8
7	13.6	24.2	19.0	83.4	18.273	16.1	0.0	0.0	0.0	3.5
8	14.8	22.2	19.3	77.0	16.665	14.5	6.2	0.0	6.2	0.5
9	15.2	25.0	20.2	63.0	14.576	12.6	0.0	0.0	0.0	4.3
10	15.7	26.5	20.9	60.0	14.769	12.7	0.0	0.0	0.0	8.7
11	15.0	24.8	19.4	77.3	17.320	15.2	0.0	0.0	0.0	3.9
12	13.1	25.2	20.1	75.4	16.854	14.8	0.0	0.0	0.0	6.5
13	15.0	24.2	19.7	82.3	18.494	16.3	1.1	0.2	1.3	4.6
14	16.2	21.4	17.4	91.2	18.328	16.1	0.3	0.0	0.3	0.1
15	12.8	23.7	18.2	83.2	17.212	15.1	0.1	0.0	0.1	4.8
16	12.4	26.5	20.1	66.0	14.558	12.5	0.0	0.0	0.0	8.2
17	11.8	23.4	18.4	80.6	16.708	14.6	0.0	0.0	0.0	3.6
18	14.0	27.5	21.5	59.5	14.002	12.0	0.0	0.0	0.0	10.1
19	15.0	25.1	20.3	65.5	15.241	13.2	0.0	0.0	0.0	7.3
20	13.0	25.0	19.4	61.3	13.180	11.1	0.0	0.0	0.0	6.7
21	11.5	27.0	20.7	57.5	13.148	11.0	0.0	0.0	0.0	8.4
22	11.8	25.5	19.2	69.3	14.537	12.5	0.0	0.0	0.0	8.4
23	14.3	25.0	19.6	67.8	15.135	13.1	0.2	0.0	0.2	3.3
24	13.5	24.4	19.0	79.7	17.103	15.0	0.0	0.0	0.0	2.7
25	12.0	25.2	21.1	61.4	14.723	12.6	0.0	0.0	0.0	6.6
26	15.5	26.3	21.0	56.9	13.832	11.7	0.0	0.0	0.0	8.9
27	16.6	24.3	20.9	47.3	11.723	9.3	0.0	0.0	0.0	11.2
28	13.5	26.4	20.0	52.7	12.197	9.5	0.0	0.0	0.0	11.0
29	11.0	26.5	20.8	60.2	14.268	12.2	0.0	0.0	0.0	8.7
30	13.5	26.4	19.8	73.8	16.731	14.7	0.0	0.0	0.0	5.6
PROM.	14.0	24.3	19.7	70.7	15.740	13.6	19.2	0.7	19.9	164.5

ESTACION: LA CAMPINA MUNICIPIO: TIMBIO AÑO: 1.987
 ALTITUD: 1.850 LATITUD: 2-20 N. LONGITUD: 76-39 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	11.8	24.8	18.7	79.3	16.660	14.6	0.0	0.0	0.0	4.7
2	13.5	26.4	19.6	77.4	17.374	15.3	0.0	0.0	0.0	5.1
3	12.5	24.0	18.3	84.1	17.540	15.4	0.0	0.0	0.0	3.1
4	13.6	25.7	17.8	84.2	17.366	15.3	4.9	1.1	6.0	2.4
5	14.5	25.8	19.9	66.9	14.598	12.3	0.0	0.0	0.0	3.8
6	12.5	26.5	21.2	49.1	12.295	10.0	0.0	0.0	0.0	10.7
7	12.0	26.0	20.6	64.6	15.355	13.4	0.0	0.0	0.0	6.8
8	13.8	26.5	20.7	63.4	14.584	12.5	0.0	0.0	0.0	7.4
9	13.3	26.8	18.7	79.4	16.840	14.8	0.0	0.2	0.2	4.7
10	14.5	26.0	20.7	63.3	15.289	13.1	0.0	0.0	0.0	3.8
11	12.5	26.0	19.4	95.2	14.129	12.1	0.2	0.0	0.2	4.8
12	14.0	26.7	20.4	55.3	12.600	10.4	0.0	0.0	0.0	9.6
13	12.5	28.0	20.5	57.3	13.363	11.3	0.0	0.0	0.0	7.2
14	12.5	25.6	19.4	67.9	14.493	12.4	0.0	0.2	0.2	4.7
15	13.3	24.0	19.0	72.7	15.207	13.1	1.5	0.0	1.5	4.7
16	12.0	26.5	20.0	65.5	14.158	12.1	0.0	0.0	0.0	7.0
17	15.3	23.5	18.1	84.6	17.635	15.5	0.0	0.0	0.0	3.3
18	12.5	23.5	18.5	75.8	15.650	13.6	0.0	0.0	0.0	3.7
19	10.5	28.0	19.6	60.4	12.352	10.1	0.0	0.0	0.0	7.5
20	15.5	26.8	20.8	57.0	13.746	11.7	0.0	0.0	0.0	6.7
21	15.7	25.5	21.0	62.2	15.497	13.5	0.1	0.0	0.1	6.4
22	13.9	23.3	18.3	75.6	15.796	13.7	0.0	0.0	0.0	3.8
23	13.5	24.0	18.2	80.8	16.496	14.5	0.0	0.0	0.0	5.2
24	14.0	22.5	17.3	86.8	17.290	15.2	22.2	0.0	22.2	0.1
25	14.0	23.0	17.3	88.8	17.687	15.6	8.6	0.0	8.6	4.6
26	15.0	23.0	18.6	81.8	17.438	15.3	0.0	0.0	0.0	1.2
27	12.0	23.8	17.7	84.8	17.201	15.1	1.6	0.0	1.6	3.3
28	14.5	22.2	18.2	87.3	18.052	15.8	6.1	0.0	6.1	1.5
29	15.5	22.3	18.9	83.8	18.283	16.1	0.0	1.2	1.2	1.8
30	15.6	20.2	17.3	94.7	18.729	16.5	8.9	0.2	9.1	0.5
31	15.4	22.3	17.8	87.7	18.018	15.9	4.2	3.0	7.2	0.9
PROM.	13.6	24.8	19.1	73.8	15.862	13.7	58.3	5.9	64.2	141.0

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	15.0	19.5	16.6	92.8	17.576	15.5	9.6	3.8	13.4	0.4
2	14.0	20.0	16.5	89.3	16.721	14.7	4.8	0.0	4.8	0.3
3	13.6	23.6	18.4	81.3	16.940	14.9	1.9	0.2	2.1	4.7
4	14.0	25.5	19.3	79.4	17.310	15.2	0.0	41.0	41.0	7.8
5	14.0	24.0	18.9	81.8	17.636	15.5	0.0	0.1	0.1	6.7
6	15.0	24.7	18.5	77.7	16.518	14.5	2.7	0.0	2.7	5.8
7	12.0	23.0	17.4	81.2	15.983	13.9	0.0	0.0	0.0	3.0
8	12.4	24.0	17.6	82.9	16.689	14.7	0.0	0.0	0.0	3.1
9	13.5	23.0	18.0	87.4	18.228	16.0	0.0	0.0	0.0	3.1
10	14.5	22.0	18.0	92.5	16.969	14.9	1.6	0.0	1.6	4.2
11	12.5	23.0	18.1	81.8	16.819	14.8	0.0	0.0	0.0	2.9
12	13.0	22.0	17.4	91.1	18.116	15.9	10.3	0.1	10.4	1.5
13	13.0	25.5	19.6	64.5	14.043	12.0	0.0	0.0	0.0	7.0
14	13.5	25.0	20.7	53.5	12.813	10.6	0.0	0.0	0.0	11.2
15	14.0	27.5	21.7	52.1	13.668	11.6	0.0	0.0	0.0	8.1
16	12.5	24.5	19.9	66.9	15.165	13.2	0.0	0.0	0.0	4.0
17	12.5	24.2	19.0	72.5	16.222	14.1	0.0	0.0	0.0	4.0
18	16.0	24.5	20.3	55.1	13.023	10.8	0.0	0.0	0.0	6.7
19	12.8	26.5	21.0	51.5	13.359	11.3	0.0	0.0	0.0	10.5
20	15.5	25.5	21.1	61.1	14.878	12.8	0.0	0.0	0.0	5.7
21	14.5	25.4	20.2	66.5	15.156	13.1	0.0	0.0	0.0	6.9
22	15.0	25.0	20.2	64.7	14.871	12.9	0.0	0.0	0.0	4.3
23	13.0	26.0	22.0	48.0	12.944	10.8	0.0	0.0	0.0	10.6
24	15.0	25.2	20.4	62.1	14.824	12.8	0.0	0.0	0.0	5.4
25	16.0	24.5	20.6	64.2	15.768	13.7	0.0	0.0	0.0	7.8
26	11.8	26.0	21.7	54.2	14.214	12.2	0.0	0.0	0.0	3.8
27	15.0	25.0	20.1	60.7	14.565	12.6	0.0	0.0	0.0	2.6
28	10.0	25.5	19.9	63.8	13.838	11.8	0.0	0.0	0.0	7.2
29	11.6	26.0	17.8	73.8	14.562	12.5	0.8	0.0	0.8	6.1
30	13.0	25.4	19.0	84.1	18.055	15.9	1.0	0.5	1.5	2.3
31	14.5	25.5	19.9	70.6	15.922	13.8	0.0	0.0	0.0	4.7
PROM.	13.6	24.4	19.4	71.0	15.593	13.5	32.7	45.7	78.4	162.4

ESTACION: LA CAMPIRA

MUNICIPIO: TIMBIO

AÑO:

1.937

ALTITUD: 1.850

LATITUD: 2-20 N.

LONGITUD: 76-39 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	13.0	25.2	18.9	68.6	14.742	12.8	0.0	0.0	0.0	5.1
2	12.0	25.5	17.7	82.1	16.300	14.3	0.0	0.0	0.0	6.4
3	12.5	24.0	18.2	86.0	17.992	15.8	9.5	3.3	12.8	3.3
4	14.0	21.0	17.2	87.7	17.158	15.1	0.9	0.0	0.9	0.8
5	13.8	25.0	18.6	77.1	16.180	14.1	3.5	0.0	3.5	5.6
6	12.0	26.2	18.2	79.1	16.233	14.2	1.4	0.0	1.4	5.2
7	14.0	26.5	20.1	75.6	17.406	15.3	0.0	0.0	0.0	5.9
8	14.2	26.0	19.5	76.0	16.516	14.3	0.0	0.0	0.0	2.3
9	11.9	26.2	19.3	73.7	16.118	14.2	0.0	0.0	0.0	5.8
10	12.0	26.0	18.5	72.5	14.820	12.8	0.0	0.0	0.0	7.8
11	11.0	26.1	19.9	75.2	16.921	14.9	0.0	0.2	0.2	9.2
12	13.5	27.5	21.0	61.5	14.462	12.4	0.0	0.0	0.0	9.2
13	11.8	26.8	18.4	77.1	16.029	14.0	10.1	0.0	10.1	8.1
14	13.5	26.5	18.7	78.6	16.936	14.9	20.6	0.0	20.6	6.0
15	14.0	26.4	20.0	73.9	16.994	14.9	0.0	0.0	0.0	7.5
16	15.0	26.6	21.8	48.7	12.696	10.4	0.0	0.0	0.0	8.6
17	17.4	25.5	21.9	45.1	12.118	9.6	0.0	0.0	0.0	3.2
18	13.5	27.0	20.9	68.9	16.206	14.2	0.0	0.0	0.0	7.9
19	12.2	25.4	19.1	76.1	16.380	14.3	0.3	0.0	0.3	3.9
20	12.0	21.0	17.8	80.5	16.328	14.3	0.5	0.0	0.5	0.5
21	14.0	23.0	17.0	83.5	16.325	14.3	2.6	0.0	2.6	1.9
22	12.2	24.4	17.9	81.3	16.584	14.6	0.3	0.3	0.6	1.7
23	14.0	25.2	18.7	75.9	15.958	13.9	0.8	0.0	0.8	3.4
24	13.0	25.0	18.6	77.2	16.197	14.2	0.0	0.0	0.0	3.2
25	13.0	20.0	16.8	92.5	17.752	15.6	11.3	0.0	11.3	0.1
26	11.4	23.0	18.1	77.0	15.543	13.6	0.0	0.0	0.0	3.8
27	12.0	26.8	20.3	66.5	15.217	13.2	0.0	0.0	0.0	7.0
28	12.1	26.0	18.9	77.8	17.088	15.1	0.0	0.0	0.0	5.9
29	12.8	26.8	18.8	80.7	17.459	15.4	0.0	28.0	28.0	7.2
30	13.4	20.4	17.0	82.9	15.841	13.8	3.6	0.0	3.6	3.4
PROM.	13.0	25.0	18.9	75.3	16.083	14.0	65.4	31.8	97.2	149.9

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.0	24.8	18.1	79.8	16.423	14.4	4.3	20.4	24.7	4.8
2	13.2	23.5	18.4	78.0	16.101	14.1	0.0	0.0	0.0	6.7
3	14.0	21.2	17.1	83.2	16.453	14.4	4.1	0.7	4.8	2.1
4	13.6	23.0	17.3	83.7	16.464	14.5	1.7	0.0	1.7	3.6
5	12.6	22.0	18.2	85.7	18.121	15.9	4.3	0.0	4.3	1.8
6	14.5	24.2	18.9	82.1	17.881	15.7	0.7	0.0	0.7	2.9
7	14.8	24.0	22.0	80.6	20.422	17.6	0.0	0.0	0.0	4.5
8	12.8	21.8	18.3	84.9	17.697	15.6	2.7	32.5	35.2	2.8
9	14.2	21.4	18.2	82.1	16.947	14.9	0.0	0.0	0.0	0.0
10	14.0	23.4	16.9	85.5	16.769	14.7	0.0	0.3	0.3	4.3
11	13.4	22.4	18.0	81.9	16.962	14.5	0.0	0.0	0.0	4.0
12	12.9	24.0	18.1	84.0	17.902	15.8	22.0	0.7	22.7	5.9
13	12.0	25.4	18.5	76.9	16.134	14.1	5.3	0.0	5.3	6.4
14	13.8	25.0	18.1	81.4	16.841	14.8	7.8	19.0	26.8	4.3
15	14.0	24.0	18.7	78.8	16.700	14.6	0.0	0.0	0.0	5.9
16	14.8	24.6	18.6	87.3	18.887	16.6	2.3	3.1	5.4	2.3
17	15.0	21.3	17.6	90.9	18.485	16.2	5.2	2.6	7.8	1.3
18	15.4	25.0	19.0	81.7	17.661	15.5	2.3	6.4	8.7	4.2
19	15.6	25.2	19.3	82.6	18.951	16.7	0.0	0.0	0.0	7.6
20	16.0	25.0	19.7	86.6	19.878	17.4	1.2	13.0	14.2	2.7
21	16.5	23.0	18.2	84.9	17.859	15.7	0.3	0.0	0.3	2.9
22	14.2	24.0	18.7	83.1	17.980	15.8	1.2	0.0	1.2	4.8
23	15.0	26.2	19.1	80.9	17.899	15.7	0.0	0.0	0.0	3.3
24	15.5	24.5	18.4	84.9	18.318	16.1	4.2	8.3	12.5	4.2
25	15.0	24.0	18.4	83.6	17.960	15.8	4.8	2.6	7.4	3.9
26	14.4	23.5	18.3	86.6	18.477	16.2	6.4	3.0	9.4	3.6
27	15.0	24.6	19.0	84.9	18.725	16.5	11.2	32.1	43.3	6.0
28	15.0	20.2	17.1	93.4	18.264	16.1	0.0	0.1	0.1	0.2
29	15.1	22.0	17.7	86.7	17.694	15.6	5.0	15.2	20.2	1.5
30	14.5	23.5	18.0	83.0	17.148	15.1	3.9	0.8	4.7	2.7
31	15.5	22.4	17.5	85.3	17.504	15.4	6.0	17.1	23.1	2.1
PROM.	14.4	23.5	18.4	83.7	17.726	15.6	106.9	177.9	284.8	113.3

ESTACION: LA CAMPIRA

MUNICIPIO: TIMBIO

AÑO: 1.987

ALTITUD: 1.850

LATITUD: 2-20 N.

LONGITUD: 76-39 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	13.6	23.0	18.0	82.9	16.979	14.9	0.0	0.3	0.3	4.6
2	14.2	25.2	19.2	73.2	15.878	13.7	0.0	0.5	0.5	7.6
3	15.0	25.0	18.8	80.0	17.263	15.2	2.9	0.6	3.5	3.1
4	14.0	23.2	18.3	83.9	17.561	15.4	0.2	0.0	0.2	1.8
5	13.0	24.2	19.3	79.2	17.225	15.1	0.0	0.0	0.0	4.6
6	15.4	23.4	19.6	84.7	19.533	17.1	0.0	0.0	0.0	4.1
7	13.5	22.0	18.0	82.4	16.964	14.9	0.0	0.0	0.0	0.5
8	11.6	23.0	18.3	83.8	17.305	15.2	0.3	0.0	0.3	3.4
9	12.0	26.5	19.2	78.0	17.154	15.1	0.0	0.0	0.0	7.7
10	13.2	23.5	18.6	86.8	18.581	16.3	0.0	0.0	0.0	4.5
11	13.0	24.2	19.2	78.5	16.944	14.8	0.3	0.0	0.3	3.6
12	13.6	23.6	19.3	79.6	17.586	15.5	0.0	0.0	0.0	3.5
13	13.5	24.6	19.2	82.5	18.204	16.0	0.2	14.8	15.0	3.9
14	14.0	22.0	17.2	91.4	17.920	15.8	3.4	19.2	22.6	1.2
15	15.1	23.4	18.7	86.3	18.707	16.4	0.0	3.1	3.1	3.4
16	15.0	23.0	18.5	90.7	19.467	17.0	6.1	0.0	6.1	2.5
17	16.0	25.1	19.1	83.3	18.434	16.2	6.0	0.1	6.1	6.7
18	16.2	23.0	19.0	86.1	19.366	17.0	4.5	5.2	9.7	0.8
19	14.8	23.4	18.6	83.1	17.738	15.6	0.1	3.0	3.1	2.3
20	15.2	24.0	18.6	79.6	16.928	14.9	0.0	64.2	64.2	8.0
21	14.8	23.6	18.7	81.0	17.227	15.2	0.0	0.0	0.0	7.7
22	15.0	24.4	18.8	83.7	18.184	16.0	0.0	0.0	0.0	4.1
23	12.5	25.5	20.3	75.1	17.415	15.3	0.0	0.0	0.0	9.9
24	15.6	26.5	19.5	80.8	18.663	16.4	2.5	41.3	43.8	8.8
25	15.5	25.2	18.5	82.7	17.848	15.7	20.1	0.3	20.4	5.6
26	14.2	22.5	18.0	86.2	17.813	15.7	0.5	0.1	0.6	1.7
27	13.4	25.0	18.6	78.8	16.529	14.5	0.0	0.0	0.0	4.4
28	11.5	24.8	18.2	75.5	15.250	13.2	0.0	0.0	0.0	9.3
29	12.0	25.3	18.9	78.7	17.073	15.0	0.0	30.4	30.4	6.7
30	14.6	22.4	17.1	86.6	16.963	14.9	1.0	0.0	1.0	0.2
PROM.	14.0	24.0	18.7	82.2	17.623	15.5	48.1	183.1	231.2	136.4

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.4	23.6	17.4	83.7	16.523	14.5	9.6	0.0	9.6	3.7
2	15.0	19.5	17.1	84.8	16.709	14.7	1.5	0.0	1.5	0.2
3	14.0	23.5	18.1	82.7	17.104	15.0	0.3	7.3	7.6	4.4
4	13.5	24.0	18.8	78.0	16.899	14.8	0.0	0.0	0.0	7.4
5	14.8	23.5	17.6	85.2	17.485	15.4	6.9	0.3	7.2	4.0
6	15.0	25.0	18.2	81.2	16.967	14.9	9.1	0.1	9.2	6.1
7	14.0	24.8	18.3	84.6	17.952	15.8	4.5	0.0	4.5	2.9
8	12.6	23.8	18.2	80.6	16.755	14.6	0.8	0.0	0.8	4.7
9	13.4	23.5	18.0	84.3	17.454	15.4	4.0	0.0	4.0	4.5
10	14.6	24.5	18.2	88.9	18.609	16.3	3.1	0.0	3.1	5.3
11	14.0	24.2	19.0	86.1	18.574	16.3	0.0	0.0	0.0	5.4
12	14.1	22.6	18.2	89.1	18.723	16.4	1.3	0.0	1.3	2.7
13	16.0	22.2	18.9	83.1	18.195	16.0	0.0	0.0	0.0	0.3
14	15.0	24.6	19.0	85.9	18.860	16.6	0.0	0.0	0.0	4.6
15	13.0	24.2	18.4	87.4	18.309	16.0	4.3	0.1	4.4	5.3
16	13.4	24.3	19.0	86.6	18.839	16.5	0.5	0.0	0.5	4.3
17	13.6	22.4	18.7	88.7	19.062	16.7	0.0	0.0	0.0	3.6
18	14.0	24.2	18.5	80.8	16.852	14.8	0.0	0.0	0.0	2.2
19	13.0	25.0	18.7	82.6	17.844	15.7	0.0	0.0	0.0	5.3
20	13.4	24.8	20.4	73.8	17.502	15.4	0.2	0.0	0.2	2.5
21	13.0	25.6	20.6	65.9	15.257	13.2	0.0	0.0	0.0	8.2
22	15.0	25.0	20.2	76.6	17.870	15.7	0.0	0.0	0.0	3.2
23	13.8	25.6	20.4	80.5	18.715	16.4	0.0	0.0	0.0	6.5
24	11.8	25.5	19.4	74.7	16.287	14.2	0.0	0.0	0.0	6.6
25	12.0	24.5	19.6	78.2	17.257	15.1	0.0	0.0	0.0	7.0
26	12.5	25.5	20.0	72.4	16.503	14.5	0.0	0.0	0.0	9.6
27	11.5	25.6	19.4	75.8	16.519	14.5	0.0	0.0	0.0	8.7
28	14.0	25.0	19.8	75.8	17.313	15.2	0.0	0.0	0.0	6.5
29	14.2	25.2	19.3	80.0	17.803	15.7	0.0	0.0	0.0	6.6
30	14.0	24.8	20.1	73.8	16.995	14.9	0.0	0.0	0.0	4.4
31	15.2	24.5	19.9	84.9	19.667	17.2	1.6	0.0	1.6	2.4
PROM	13.7	24.2	18.9	81.2	17.594	15.4	47.7	7.8	55.5	150.1

ESTACION: **LA CAMPIRA** MUNICIPIO: **TIMBIO** AÑO: **1.987**
 ALTITUD: **1.850** LATITUD: **2-20 N.** LONGITUD: **76-39 W.**

MESES	TEMPERATURA °C					Humedad relativa 0/0	Tension vapor mb.	Punto rocio °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias fluvias	
ENERO									224.0	10	
FEBRERO									95.0	5	
MARZO									215.0	14	
ABRIL											
MAYO	14.5	24.0	18.8	11.5	27.2	80.9	17.378	15.2	160.6	17	147.9
JUNIO	14.0	24.8	19.7	11.0	27.5	70.7	15.740	13.6	19.9	8	164.9
JULIO	13.6	24.8	19.1	10.5	28.0	73.8	15.862	13.7	64.2	13	141.0
AGOSTO	13.6	24.4	19.4	10.0	27.5	71.0	15.593	13.5	78.4	10	162.4
SEPTIEMBRE	13.0	25.0	18.9	11.0	27.5	75.3	16.083	14.0	97.2	15	149.9
OCTUBRE	14.4	23.5	18.4	12.0	26.2	83.7	17.726	15.6	284.8	24	113.3
NOVIEMBRE	14.0	24.0	18.7	11.5	26.5	82.2	17.623	15.5	231.2	19	136.4
DIEMBRE	13.7	24.2	18.9	11.5	25.6	81.2	17.594	15.4	55.5	14	150.1
PROMEDIO											
TOTAL											

ESTACION: PUEBLO BELLO

MUNICIPIO: PUEBLO BELLO

1.987

ALTITUD: 1.000

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

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	30.3	21.6	82.0	20.835	18.1	0.0	0.0	0.0	7.8
2	15.0	28.6	21.0	75.6	18.516	16.3	0.0	0.0	0.0	9.1
3	13.0	30.8	21.6	74.3	18.506	16.2	0.0	0.0	0.0	9.0
4	13.2	29.2	21.1	78.5	19.036	16.6	0.0	0.0	0.0	7.0
5	14.0	29.0	21.2	78.7	19.546	17.1	0.0	0.0	0.0	6.5
6	16.5	25.5	19.8	86.2	20.158	17.6	0.0	0.0	0.0	4.6
7	14.0	25.6	19.8	80.1	18.302	16.1	0.0	0.0	0.0	5.4
8	12.5	28.0	20.5	75.5	17.622	15.4	0.0	0.0	0.0	7.6
9	12.0	29.0	20.1	76.8	17.627	15.4	0.0	0.0	0.0	9.2
10	12.5	31.2	21.7	71.9	17.723	15.5	0.0	0.0	0.0	9.0
11	13.0	31.0	20.8	77.4	18.627	16.3	0.0	0.0	0.0	9.6
12	13.5	30.0	21.3	75.0	18.240	16.0	0.0	0.0	0.0	9.6
13	12.5	29.6	20.8	77.9	18.702	16.4	0.0	0.0	0.0	9.7
14	12.5	29.6	20.7	78.8	18.981	16.7	0.0	0.0	0.0	9.5
15	11.5	31.2	21.0	72.9	17.604	15.4	0.0	0.0	0.0	9.4
16	13.5	31.9	22.0	72.6	18.345	16.1	0.0	0.0	0.0	9.4
17	14.0	31.9	23.4	72.8	20.050	17.5	0.0	0.0	0.0	9.4
18	13.0	31.9	22.5	67.7	16.984	14.5	0.0	0.0	0.0	8.5
19	12.5	31.3	22.0	69.4	17.555	15.4	0.0	0.0	0.0	9.1
20	15.0	30.0	21.9	73.4	18.540	16.3	0.0	0.0	0.0	9.2
21	13.0	31.3	22.1	71.1	17.968	15.2	0.0	0.0	0.0	9.0
22	14.0	28.4	20.2	80.9	19.163	16.2	0.0	0.0	0.0	9.1
23	15.5	27.0	20.4	85.2	20.857	18.2	16.1	0.1	16.2	5.1
24	15.0	28.0	20.6	78.2	18.493	16.2	8.8	0.5	9.3	3.9
25	12.0	29.9	21.9	76.8	19.390	16.9	0.0	0.0	0.0	9.4
26	14.0	29.0	21.7	76.5	19.316	16.9	0.0	0.0	0.0	8.9
27	14.5	28.1	22.4	76.2	20.197	17.7	0.0	0.0	0.0	8.8
28	14.5	28.5	21.2	74.3	17.699	15.5	0.0	0.0	0.0	8.3
29	14.0	28.0	21.5	77.3	19.280	16.9	0.0	0.0	0.0	9.2
30	13.5	29.5	20.9	76.6	18.422	16.1	0.0	0.0	0.0	7.1
31	13.5	30.5	22.5	71.7	18.481	16.1	0.0	0.0	0.0	9.3
PROM.	13.6	29.4	21.3	76.2	18.734	16.4	24.9	0.6	25.5	254.5

M E S - FEBREO

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	28.6	21.0	78.1	18.822	16.4	0.0	0.0	0.0	9.3
2	12.0	33.4	22.2	67.1	16.411	14.4	0.0	0.0	0.0	9.0
3	14.0	33.3	22.8	67.3	16.990	14.9	0.0	0.0	0.0	9.3
4	14.0	31.0	22.2	75.3	19.829	17.3	0.0	0.0	0.0	9.3
5	13.5	31.6	23.5	81.3	22.481	19.0	0.0	0.0	0.0	8.5
6	14.0	30.8	22.4	74.3	19.281	16.8	0.0	0.0	0.0	8.8
7	14.0	31.5	22.7	73.8	19.618	17.1	0.0	0.0	0.0	7.1
8	18.0	28.3	22.3	74.5	19.853	17.4	0.1	6.0	6.1	4.3
9	16.0	28.0	21.6	84.1	21.970	19.0	6.0	0.0	6.0	0.5
10	14.5	28.5	21.4	80.1	20.186	17.6	0.0	0.0	0.0	5.7
11	14.5	30.5	22.1	79.2	19.638	17.2	0.0	0.0	0.0	6.2
12	16.0	28.0	22.3	75.8	19.217	16.8	0.0	0.0	0.0	7.6
13	14.5	29.0	22.0	82.5	21.775	18.8	0.0	0.0	0.0	7.5
14	14.5	29.0	22.0	76.8	19.680	17.2	0.0	0.0	0.0	7.5
15	16.6	29.6	23.6	82.0	23.364	19.9	0.0	0.0	0.0	9.1
16	15.6	30.2	22.3	77.8	20.541	17.9	0.0	0.0	0.0	7.5
17	15.0	30.5	23.2	79.9	22.056	19.0	0.0	0.0	0.0	8.2
18	13.5	31.9	22.7	71.4	18.631	16.4	0.0	0.0	0.0	8.1
19	13.0	31.8	22.3	73.3	18.873	16.4	0.0	0.0	0.0	9.5
20	13.0	32.0	23.0	69.7	18.469	16.1	0.0	0.0	0.0	8.7
21	12.0	32.0	23.1	69.1	18.086	15.8	0.0	0.0	0.0	9.0
22	15.0	32.0	23.7	68.4	18.839	16.6	0.0	0.0	0.0	8.7
23	12.5	32.0	23.2	67.1	17.379	15.2	0.0	0.0	0.0	9.9
24	14.5	32.0	23.8	66.1	17.529	15.3	0.0	0.0	0.0	9.0
25	12.8	33.0	24.4	69.1	19.603	17.0	0.0	0.0	0.0	7.7
26	16.0	33.1	24.2	71.7	20.680	18.0	0.0	0.0	0.0	8.5
27	14.0	33.0	23.2	72.7	19.816	17.3	0.0	0.0	0.0	9.7
28	15.0	33.0	24.9	73.6	22.039	18.8	0.0	0.0	0.0	8.9
PROM.	14.5	30.9	22.8	74.4	19.702	17.1	6.1	6.0	12.1	214.8

ESTACION: PUEBLO BELLO

MUNICIPIO: PUEBLO BELLO AÑO: 1987

1.987

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	15.0	33.1	23.2	75.7	20.570	17.9	0.0	0.0	0.0	
2	17.0	32.5	24.7	71.2	21.053	18.3	0.0	0.0	0.0	
3	17.5	30.6	23.3	77.2	21.584	18.7	0.0	0.0	0.0	
4	17.5	31.0	22.1	78.7	20.900	18.2	0.0	0.0	0.0	
5	16.0	30.5	23.5	75.3	20.962	18.2	0.0	0.0	0.0	
6	16.0	30.0	22.7	73.9	19.808	17.4	0.0	0.0	0.0	
7	16.0	30.0	22.4	81.8	21.764	18.8	6.8	0.0	6.8	
8	17.0	27.8	21.7	80.9	20.584	17.9	0.0	0.0	0.0	
9	17.0	26.0	21.3	80.8	20.100	17.6	0.0	10.7	10.7	
10	17.5	25.5	21.8	83.6	21.721	18.8	2.0	0.7	2.7	
11	16.0	27.1	20.9	81.7	19.902	17.4	0.0	0.0	0.0	
12	13.5	28.7	22.4	70.7	17.724	15.5	0.0	0.0	0.0	
13	13.5	29.0	20.8	75.9	17.691	15.5	0.0	0.0	0.0	
14	15.5	28.1	21.3	78.6	19.400	17.0	0.1	0.0	0.1	
15	15.5	28.2	21.6	79.2	20.417	17.8	0.0	0.0	0.0	
16	15.6	28.8	20.7	79.9	19.242	16.8	41.3	1.5	42.8	
17	16.0	29.0	22.0	81.6	21.575	18.6	0.0	0.0	0.0	
18	16.3	30.0	23.4	75.6	21.277	18.5	0.0	0.0	0.0	
19	17.0	30.0	21.0	78.9	19.496	17.1	37.6	0.0	37.6	
20	17.0	30.0	22.7	77.8	21.146	18.4	0.1	0.0	0.1	
21	18.5	30.0	23.2	79.2	22.608	19.5	6.0	0.0	6.0	
22	17.0	30.0	22.7	81.1	22.157	19.1	0.0	0.9	0.9	
23	16.5	30.0	23.1	79.1	22.215	19.1	0.0	0.0	0.0	
24	18.0	28.5	22.0	87.4	23.246	19.9	0.0	0.0	0.0	
25	18.0	29.5	23.3	83.7	23.684	20.2	0.0	0.0	0.0	
26	17.0	29.1	22.0	85.2	22.207	19.1	0.0	0.0	0.0	
27	17.6	28.3	22.5	80.7	21.669	18.7	0.0	0.0	0.0	
28	17.0	29.0	22.1	79.9	20.752	18.0	0.0	0.0	0.0	
29	15.0	30.0	23.3	71.4	19.157	16.8	0.0	0.0	0.0	
30	16.6	30.0	23.0	73.3	19.782	17.3	0.0	0.0	0.0	
31	16.5	29.0	22.6	74.2	19.561	17.1	1.0	73.0	74.0	
PROM.	16.5	29.3	22.4	78.5	20.773	18.0	94.9	86.8	181.7	

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	23.0	20.4	92.0	22.060	19.0	3.2	0.4	3.6	
2	18.0	27.3	22.4	78.3	20.801	18.1	0.0	6.7	6.7	
3	18.5	26.0	20.8	85.9	21.339	18.5	37.2	10.7	47.9	
4	16.5	27.3	21.6	82.2	21.019	18.3	12.6	0.3	12.9	
5	16.5	27.0	20.0	84.5	19.685	17.2	4.3	0.0	4.3	
6	17.0	25.0	20.4	83.6	19.920	17.4	8.7	0.5	9.2	
7	15.6	29.5	22.3	74.5	19.767	17.3	0.0	0.0	0.0	
8	16.5	27.1	22.4	79.7	21.108	18.3	0.0	0.0	0.0	
9	17.5	27.8	21.2	81.3	20.451	17.8	2.0	0.0	2.0	
10	16.6	28.0	20.5	81.5	19.555	17.1	22.0	0.0	22.0	
11	16.5	27.5	20.7	84.5	20.617	18.0	0.0	0.0	0.0	
12	15.6	26.3	22.6	77.4	20.258	17.7	0.0	0.0	0.0	
13	15.6	29.0	22.6	74.9	19.846	17.4	0.0	0.0	0.0	
14	15.0	28.5	22.1	82.6	21.678	18.7	0.0	0.0	0.0	
15	15.6	29.5	23.0	74.9	20.061	17.5	0.0	0.0	0.0	
16	17.5	29.6	22.9	79.7	21.807	18.8	0.0	0.0	0.0	
17	19.0	30.0	23.1	77.4	21.695	18.8	0.0	0.0	0.0	
18	17.0	28.0	23.5	76.5	21.500	18.6	0.0	0.0	0.0	
19	17.5	30.0	24.5	69.4	20.104	17.6	0.0	0.0	0.0	
20	17.5	29.3	22.9	74.8	20.293	17.7	0.0	0.0	0.0	
21	17.0	28.1	23.1	74.8	20.814	18.1	0.0	0.0	0.0	
22	15.6	29.5	21.5	78.3	19.815	17.3	0.0	0.0	0.0	
23	16.5	29.5	21.6	78.8	20.051	17.5	0.3	0.8	1.1	
24	17.0	28.3	21.6	79.2	20.547	17.9	0.0	14.9	14.9	
25	17.0	25.4	21.5	83.7	21.182	18.4	0.0	0.0	0.0	
26	17.6	23.0	20.3	90.2	21.254	18.4	0.0	0.0	0.0	
27	15.0	27.5	21.0	79.8	19.452	17.0	0.0	0.0	0.0	
28	16.5	23.3	20.1	86.1	20.175	17.6	35.6	0.0	35.6	
29	17.5	25.0	20.5	85.4	20.688	18.0	16.4	0.0	16.4	
30	15.4	25.3	20.8	85.8	20.696	18.0	0.0	13.9	13.9	
PROM.	16.8	27.4	21.7	80.6	20.608	17.9	142.3	48.2	190.5	

ESTACION: PUEBLO BELLO

MUNICIPIO: PUEBLO BELLOANO

1.987

ALTITUD: 1.000

LATITUD: 10-22 N.

LONGITUD: 73-38 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa o/o	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	24.5	21.0	85.3	21.025	18.3	0.0	0.0	0.0	
2	18.6	28.0	22.8	78.0	21.216	18.4	0.0	0.0	0.0	
3	17.5	30.0	22.4	78.1	20.801	18.1	0.0	0.0	0.0	
4	17.0	26.6	21.7	80.6	20.604	18.0	0.0	0.0	0.0	
5	17.0	24.4	20.8	84.3	20.696	18.0	0.0	0.0	0.0	
6	16.5	26.3	21.1	81.1	20.302	17.7	0.0	10.1	10.1	
7	17.0	28.0	21.3	78.9	19.732	17.3	1.1	1.0	2.1	
8	16.0	28.4	22.2	73.9	19.320	16.9	1.3	0.0	1.3	
9	15.5	26.0	20.9	82.2	19.857	17.4	0.0	0.0	0.0	
10	17.0	27.1	22.8	75.6	20.032	17.5	39.3	0.0	39.3	
11	16.0	27.0	21.3	78.7	19.784	17.3	0.0	0.0	0.0	
12	17.0	29.1	23.0	75.6	20.563	17.9	0.0	0.0	0.0	
13	16.5	28.3	21.5	77.0	19.560	17.1	0.0	0.0	0.0	
14	17.0	27.5	22.8	74.9	20.104	17.6				
15	18.6	26.5	21.5	80.2	20.596	17.9				
16	18.3	24.0	20.4	92.2	21.840	18.9				
17	18.3	26.0	22.6	79.8	21.025	18.3				
18	16.0	28.5	22.3	75.9	19.902	17.4				
19	17.0	29.3	22.1	77.3	20.437	17.8				
20	17.0	25.3	20.4	85.5	20.474	17.9				
21	17.0	27.5	21.1	82.7	20.850	18.1				
22	17.0	23.6	19.4	89.6	20.494	17.8				
23	17.0	24.6	20.2	95.8	20.342	17.8	0.0	0.0	0.0	
24	17.5	24.4	20.5	82.9	20.057	17.5	0.0	0.0	0.0	
25	16.5	26.0	20.6	85.2	20.809	18.1	1.2	0.9	2.1	
26	17.0	25.0	20.5	81.2	19.957	17.5	8.7	0.0	8.7	
27	17.0	26.0	21.5	78.2	19.889	17.4	0.0	0.0	0.0	
28	16.5	29.0	22.8	75.9	20.666	18.0	0.0	0.0	0.0	
29	17.5	30.0	22.8	75.4	20.160	17.6	0.0	0.0	0.0	
30	17.0	30.6	23.9	70.0	19.719	17.3	0.0	0.0	0.0	
31	16.0	30.0	22.4	74.7	19.474	17.0	0.0	0.0	0.0	
PROM.	17.0	27.0	21.6	79.9	20.332	17.7				

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa o/o	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	26.0	21.4	80.7	20.387	17.8	0.0	0.0	0.0	
2	17.0	29.5	23.0	73.8	20.352	17.8	0.0	0.0	0.0	
3	16.5	29.5	21.0	79.9	20.628	17.9	0.0	0.0	0.0	
4	16.0	29.5	20.7	80.7	19.642	17.2	0.0	0.0	0.0	
5	16.0	27.0	21.2	77.1	18.984	16.7	0.0	0.0	0.0	
6	17.0	26.6	21.9	77.1	19.735	17.2	0.0	0.0	0.0	
7	17.0	29.0	22.7	71.0	18.819	16.5	0.0	0.0	0.0	
8	16.0	25.0	21.1	80.8	19.795	17.3	0.0	0.0	0.0	
9	16.5	28.0	23.1	73.6	20.150	17.6	0.0	0.0	0.0	
10	16.5	28.3	23.0	72.3	19.851	17.4	0.0	0.0	0.0	
11	17.0	25.0	21.4	95.4	21.531	18.7	0.0	0.0	0.0	
12	17.0	27.0	22.7	80.6	21.925	18.9	0.0	0.0	0.0	
13	16.5	28.8	23.3	76.2	21.070	18.3	0.0	0.0	0.0	
14	16.5	25.5	20.7	84.0	20.478	17.9	0.0	0.0	0.0	
15	17.0	25.1	19.7	88.0	20.430	17.8	0.0	0.0	0.0	
16	17.0	27.0	21.3	80.0	20.411	17.8	0.0	0.0	0.0	
17	16.5	29.4	22.6	75.9	20.117	17.5	0.0	0.0	0.0	
18	16.0	28.4	22.4	76.4	20.050	17.5	0.0	0.0	0.0	
19	16.0	29.0	22.7	75.7	20.157	17.6	0.0	0.0	0.0	
20	17.5	27.5	23.4	77.8	21.492	18.6	0.0	18.0	18.0	
21	18.8	29.5	22.0	75.7	20.202	17.7	0.0	0.0	0.0	
22	16.5	28.0	23.2	74.3	20.354	17.7	0.0	0.0	0.0	
23	16.5	27.0	23.1	74.7	20.312	17.7	0.0	0.0	0.0	
24	17.0	29.5	22.9	79.4	21.435	18.5	0.0	0.0	0.0	
25	16.5	27.4	22.3	77.7	20.411	17.8	0.0	0.0	0.0	
26	17.5	26.3	22.4	83.6	22.402	19.3	0.0	0.0	0.0	
27	15.5	28.0	22.3	76.9	20.009	17.5	0.0	0.0	0.0	
28	16.0	28.4	22.3	76.2	19.818	17.3	0.0	0.0	0.0	
29	15.4	29.0	22.5	75.4	19.748	17.2	0.0	0.0	0.0	
30	17.1	28.6	21.3	80.2	20.083	17.6	0.7	0.0	0.7	
PROM.	16.6	27.8	22.2	78.0	20.359	17.7	0.7	18.0	18.7	

ESTACION: PUEBLO BELLO

MUNICIPIO: PUEBLO BELLO AÑO:

1.987

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	16.5	27.5	21.8	80.2	20.461	17.8	0.0	0.0	0.0	
2	15.6	28.5	22.7	79.0	20.790	17.9	0.0	0.0	0.0	
3	16.0	28.0	22.4	78.7	20.534	17.8	0.0	0.0	0.0	
4	16.0	28.0	22.2	76.5	19.847	17.3	0.0	0.0	0.0	
5	18.8	28.0	22.3	81.6	21.769	18.8	0.0	0.0	0.0	
6	17.0	25.8	20.8	83.1	20.353	17.8	0.0	0.0	0.0	
7	15.0	28.0	21.8	80.3	20.598	17.9	0.0	0.0	0.0	
8	16.0	27.5	21.6	80.2	20.230	17.6	0.0	0.0	0.0	
9	15.6	27.3	21.6	82.6	20.932	18.2	0.0	0.0	0.0	
10	16.3	29.1	21.7	78.1	20.118	17.6	16.9	0.0	16.9	
11	16.0	26.5	22.0	84.0	21.640	18.7	0.0	1.7	1.7	
12	16.3	28.5	22.0	78.8	20.422	17.8	0.0	0.0	0.0	
13							0.0	0.0	0.0	
14							0.0	0.0	0.0	
15							0.0	0.0	0.0	
16							0.0	0.0	0.0	
17							0.0	0.0	0.0	
18							0.0	0.0	0.0	
19							0.0	2.4	2.4	
20							0.0	0.0	0.0	
21							18.3	0.0	18.3	
22							12.9	0.0	12.9	
23							0.0	0.0	0.0	
24							0.0	0.0	0.0	
25							0.0	0.0	0.0	
26							0.0	0.0	0.0	
27	15.5	26.5	20.4	85.5	21.498	18.6	22.0	0.9	22.9	
28	15.0	27.0	22.7	81.4	22.644	19.3	0.0	2.9	2.9	
29	17.0	26.0	22.0	88.0	22.972	19.7	0.0	0.0	0.0	
30	17.0	24.5	21.1	88.3	22.150	19.1	6.3	0.0	6.3	
31	18.0	23.9	21.4	88.1	22.700	19.5	0.4	0.2	0.6	
PROM.							76.8	8.1	84.9	

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	17.5	25.4	20.9	88.7	22.341	19.3	0.0	27.2	27.2	
2	18.5	24.5	21.0	88.0	22.186	19.2	3.8	0.0	3.8	
3	17.0	24.5	20.1	87.0	21.295	18.4	13.6	3.4	17.0	
4	18.0	26.8	22.0	86.4	23.072	19.7	0.0	1.4	1.4	
5	17.5	27.0	22.2	85.7	22.955	19.6	11.5	0.0	11.5	
6	17.5	27.0	21.2	87.2	22.200	19.2	28.5	15.9	44.4	
7	16.4	27.5	21.8	86.5	22.409	19.2	0.0	0.0	0.0	
8	16.6	27.5	22.4	79.8	21.053	18.3	0.0	0.0	0.0	
9	18.4	27.9	22.0	84.8	22.624	19.4	22.0	1.3	23.3	
10	17.0	27.5	22.3	85.1	22.734	19.5	0.0	0.0	0.0	
11	16.5	28.2	21.9	85.3	22.272	19.1	0.1	0.0	0.1	
12	17.5	26.5	20.8	85.3	21.674	18.8	0.0	2.1	2.1	
13	17.5	27.0	22.7	81.3	22.457	19.3	0.0	0.0	0.0	
14	16.5	30.0	22.6	79.6	21.349	18.5	7.6	0.1	7.7	
15	16.0	28.3	21.9	85.2	22.133	19.1	0.0	0.0	0.0	
16	15.5	29.0	21.7	80.1	20.921	18.1	0.0	0.0	0.0	
17	16.0	29.4	22.5	80.2	21.632	18.7	0.0	0.0	0.0	
18	16.6	29.4	23.2	78.2	22.216	19.2	0.0	0.0	0.0	
19	17.0	26.2	22.6	82.9	22.800	19.6	0.0	0.0	0.0	
20	16.0	29.5	23.8	79.9	22.952	19.7	0.0	0.0	0.0	
21	16.5	30.8	23.5	78.7	22.787	19.4	0.0	0.0	0.0	
22	17.5	30.5	22.8	80.1	22.103	19.1	0.0	0.0	0.0	
23	16.0	29.3	22.3	83.7	22.226	19.1	7.8	0.0	7.8	
24	15.5	30.0	22.5	80.0	21.817	18.7	0.0	0.0	0.0	
25	17.0	30.8	22.8	79.3	22.055	19.0	0.0	0.0	0.0	
26	16.6	31.0	21.5	83.9	21.975	19.0	14.7	0.1	14.8	
27	18.0	26.8	22.2	83.2	22.227	19.1	0.0	0.0	0.0	
28	16.5	26.5	22.1	84.4	22.503	19.4	0.0	0.0	0.0	
29	18.0	27.2	21.8	86.5	22.936	19.6	0.0	0.2	0.2	
30	18.0	23.5	22.2	81.3	21.799	18.9	0.3	0.1	0.4	
31	17.0	26.3	22.3	86.9	23.315	20.0	3.4	0.9	4.3	
PROM.	17.0	28.0	22.1	83.4	22.226	19.1	113.3	52.7	166.0	

ESTACION: PUEBLO BELLO

MUNICIPIO: PUEBLO BELLOAÑO:

1.987

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	18.0	27.2	22.7	85.0	23.408	20.0	0.0	0.8	0.8	
2	17.0	26.2	21.3	85.7	21.991	19.0	28.9	0.0	28.9	
3	17.0	25.8	21.3	91.5	22.887	19.6	13.7	0.0	13.7	
4	17.0	26.0	21.1	88.5	22.385	19.3	10.0	0.0	10.0	
5	17.0	25.1	20.4	88.5	21.326	18.5	22.9	5.0	27.9	
6	17.0	25.0	21.2	93.1	23.204	19.8	1.2	0.0	1.2	
7	16.0	29.2	21.8	81.1	21.147	18.3	0.0	0.0	0.0	
8	17.0	30.0	21.6	83.0	21.897	18.9	23.2	0.2	23.4	
9	15.5	28.2	20.8	84.6	20.978	18.2	16.6	5.0	21.6	
10	16.0	27.2	20.0	87.6	21.072	18.2	11.6	0.0	11.6	
11	15.5	28.2	21.9	84.8	22.109	19.0	0.0	0.0	0.0	
12	16.5	29.4	22.5	83.5	22.584	19.3	0.0	0.0	0.0	
13	17.0	28.5	22.1	83.8	22.119	19.1	0.0	0.0	0.0	
14	17.5	27.3	21.9	83.7	22.100	19.1	33.5	50.7	84.2	
15	17.0	27.3	21.8	82.5	21.648	18.7	5.3	0.0	5.3	
16	17.0	28.0	21.8	85.1	22.312	19.2	7.4	0.0	7.4	
17	15.5	28.4	21.5	80.6	20.616	18.0	0.0	0.0	0.0	
18	16.6	27.6	22.0	84.2	22.229	19.1	19.2	2.5	21.7	
19	16.0	28.5	21.6	81.2	20.771	18.1	43.3	0.9	44.2	
20	15.5	27.1	20.8	88.0	21.845	18.8	3.9	1.6	5.5	
21	16.5	24.5	20.8	86.9	21.381	18.5	0.0	0.0	0.0	
22	15.5	27.0	20.9	87.7	22.050	19.0	16.7	2.4	19.1	
23	18.0	26.6	21.6	84.4	21.782	18.8	0.0	0.0	0.0	
24	17.5	28.4	22.5	79.6	21.637	18.7	0.0	0.0	0.0	
25	17.0	28.4	21.4	82.3	21.159	18.4	1.2	2.2	3.4	
26	19.0	29.0	22.0	82.9	22.176	19.2	19.4	0.0	19.4	
27	16.5	27.3	22.3	85.1	22.622	19.4	0.0	0.0	0.0	
28	15.0	29.0	22.6	78.6	21.095	18.3	0.0	0.2	0.2	
29	16.8	29.3	22.1	79.9	21.653	18.8	1.0	0.1	1.1	
30	16.5	27.0	21.0	79.4	19.761	17.3	23.0	2.4	25.4	
PROM.	16.7	27.6	21.6	84.4	21.798	18.8	302.0	74.0	376.0	

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	27.5	21.3	82.1	20.725	18.1	29.1	0.0	29.1	
2	17.0	26.0	20.7	83.3	20.402	17.7	17.5	0.0	17.5	
3	17.0	26.6	21.3	83.9	21.483	18.6	21.9	3.5	25.4	
4	16.5	26.0	21.2	84.7	21.440	18.6	15.3	7.7	23.0	
5	17.0	27.5	21.2	81.6	20.936	18.2	16.5	8.6	25.1	
6	17.0	26.5	21.1	80.0	20.060	17.6	0.0	0.0	0.0	
7	18.0	26.0	20.8	86.5	21.760	18.8	2.3	0.0	2.3	
8	17.5	26.1	20.7	86.6	21.257	18.5	38.3	0.0	38.3	
9	18.0	26.6	20.9	77.3	18.925	16.6	0.4	24.5	24.9	
10	17.5	26.5	21.4	85.2	22.000	18.9	0.0	0.0	0.0	
11	16.5	28.4	21.2	76.7	19.607	17.0	8.7	1.6	10.3	
12	14.5	27.0	20.4	85.5	20.499	17.7	5.6	0.0	5.6	
13	14.5	26.5	20.5	80.7	19.820	17.4	0.0	0.0	0.0	
14	14.5	26.0	20.1	85.4	20.307	17.7	90.1	6.4	96.5	
15	15.8	27.3	21.0	81.1	21.022	18.2	15.1	10.1	25.2	
16	16.5	27.8	21.6	80.8	21.321	18.5	18.8	5.9	24.7	
17	18.0	27.5	21.1	87.1	21.893	18.9	38.0	11.5	49.5	
18	17.0	26.5	20.0	83.2	20.008	17.5	0.0	0.0	0.0	
19	17.0	26.3	20.3	86.5	20.810	18.1	1.3	0.0	1.3	
20	16.0	27.2	21.2	78.9	19.805	17.3	0.3	0.0	0.3	
21	15.0	28.0	21.3	77.9	19.641	17.2	4.9	2.2	7.1	
22	16.5	26.3	21.2	83.3	21.368	18.5	22.8	0.0	22.8	
23	16.5	27.0	22.1	82.5	22.064	19.1	0.0	0.0	0.0	
24	16.0	27.4	20.3	79.7	19.100	16.7	0.0	0.0	0.0	
25	15.6	28.0	20.2	81.4	19.888	17.3	4.7	7.4	12.1	
26	16.5	27.5	22.1	80.0	21.237	18.5	0.0	10.3	10.3	
27	18.5	25.5	20.8	84.7	21.182	18.4	1.7	0.0	1.7	
28	18.5	26.5	21.3	84.4	21.549	18.7	0.0	40.0	40.0	
29	18.2	24.9	20.6	80.0	19.585	17.2	0.5	0.0	0.5	
30	16.5	25.8	20.4	82.1	19.913	17.4	0.6	7.9	8.5	
31	17.9	27.0	21.0	78.9	19.478	17.1	0.0	0.0	0.0	
PROM.	16.7	26.8	21.0	82.3	20.616	17.9	354.4	147.6	502.0	

ESTACION: PUEBLO BELLO

MUNICIPIO: PUEBLO BELLOANO

1.987

ALTITUD: 1.000

LATITUD: 10-22 N.

LONGITUD: 73-38 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa o/o	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	27.0	19.6	83.5	19.209	16.8	0.0	0.0	0.0	
2	17.5	26.5	19.8	86.6	20.445	17.8	11.2	0.0	11.2	
3	16.0	26.0	20.1	84.3	20.110	17.5	0.0	0.0	0.0	
4	16.3	26.0	20.2	81.4	19.194	16.8	0.0	0.0	0.0	
5	15.0	27.4	21.2	78.3	19.628	17.2	0.0	0.0	0.0	
6	16.0	29.3	20.7	80.7	19.985	17.4	0.0	0.0	0.0	
7	17.0	28.0	20.7	81.5	20.191	17.6	0.0	15.2	15.2	
8	14.5	28.0	22.3	80.0	21.190	18.3	0.0	0.0	0.0	
9	13.5	28.8	22.4	78.0	20.740	17.9	0.0	0.0	0.0	
10	15.0	29.0	21.5	81.2	20.603	17.8	0.0	0.0	0.0	
11	13.6	28.5	21.1	81.4	20.438	17.8	0.0	0.0	0.0	
12	14.6	28.5	21.1	79.5	19.674	17.1	0.0	0.0	0.0	
13	13.5	28.4	21.7	79.6	20.323	17.6	0.0	0.0	0.0	
14	14.0	27.1	21.6	76.9	19.411	17.0	0.0	0.0	0.0	
15	13.5	28.0	20.7	78.1	18.857	16.5	0.0	0.0	0.0	
16	13.6	28.5	21.2	79.8	20.174	17.5	0.0	0.0	0.0	
17	13.0	28.6	22.2	75.5	19.734	17.2	0.0	0.0	0.0	
18	14.0	30.0	21.3	78.2	19.613	17.1	0.0	0.0	0.0	
19	16.0	26.5	21.8	79.8	20.360	17.6	0.0	0.0	0.0	
20	16.0	27.5	21.2	79.7	19.785	17.3	0.0	0.0	0.0	
21	13.6	28.5	20.9	78.1	18.971	16.5	0.0	0.0	0.0	
22	14.6	27.5	20.9	81.4	20.304	17.6	0.0	0.0	0.0	
23	15.0	28.0	22.1	79.7	20.941	18.2	0.0	0.0	0.0	
24	16.0	30.6	21.8	75.2	19.288	16.5	16.8	0.0	16.8	
25	16.6	23.6	20.1	86.4	20.366	17.8	0.0	0.0	0.0	
26	16.5	25.3	21.2	81.6	20.525	17.9	0.0	0.0	0.0	
27	17.0	25.6	20.8	79.8	19.646	17.2	3.5	0.0	3.5	
28	16.0	27.3	21.8	78.0	20.132	17.6	0.2	0.0	0.2	
29	15.5	28.0	22.2	80.1	20.920	18.0	0.0	0.0	0.0	
30	16.0	28.5	20.6	85.6	20.659	18.0	29.9	0.0	29.9	
PROM.	15.2	27.7	21.2	80.3	20.047	17.5	61.6	15.2	76.8	

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa o/o	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	25.5	21.3	84.9	21.477	18.6	25.9	0.8	26.7	
2	16.5	27.0	21.5	82.2	21.000	18.3	1.8	0.0	1.8	
3	15.5	27.1	21.2	80.8	20.226	17.5	0.0	0.0	0.0	
4	14.5	27.5	20.1	81.9	19.558	17.0	22.5	0.0	22.5	
5	14.6	26.0	20.8	83.5	20.532	17.7	0.0	0.0	0.0	
6	17.0	27.0	21.9	79.2	20.487	17.8	4.6	0.4	5.0	
7	15.6	26.3	21.8	84.9	21.994	18.9	0.0	0.0	0.0	
8	15.5	28.0	21.5	82.5	21.096	18.3	0.0	0.0	0.0	
9	15.5	28.6	22.6	81.3	21.846	18.8	0.0	0.0	0.0	
10	16.6	25.6	20.0	83.4	19.395	17.0	0.0	0.0	0.0	
11	15.5	27.0	21.7	83.6	21.529	18.5	4.2	0.0	4.2	
12	15.6	28.0	22.2	77.8	20.383	17.8	1.7	0.0	1.7	
13	16.0	29.0	22.4	77.9	21.074	18.2	0.0	0.0	0.0	
14	14.0	29.0	21.4	81.4	20.502	17.8	0.0	0.0	0.0	
15	14.5	28.0	21.3	81.1	20.304	17.6	0.0	0.0	0.0	
16	12.6	28.0	19.8	73.0	16.463	14.4	0.0	0.0	0.0	
17	12.4	28.5	21.3	81.3	20.342	17.3	27.5	0.8	28.3	
18	12.5	28.5	20.5	73.6	17.374	14.5	0.0	0.0	0.0	
19	12.0	28.0	21.5	81.5	20.724	18.0	0.0	0.0	0.0	
20	18.0	28.0	23.3	80.2	22.663	19.4	0.0	0.0	0.0	
21	16.6	28.0	21.9	75.3	19.991	17.4	0.0	0.0	0.0	
22	13.6	31.0	22.5	70.3	17.733	15.5	0.0	0.0	0.0	
23	13.3	29.6	21.8	77.0	19.338	16.8	0.0	0.0	0.0	
24	12.0	28.5	20.8	76.6	18.029	15.7	0.0	0.0	0.0	
25	9.0	29.1	20.6	72.9	16.580	14.1	0.0	0.0	0.0	
26	12.6	29.0	22.2	71.5	17.932	15.4	0.0	0.0	0.0	
27	12.0	29.6	22.6	71.2	18.230	15.5	0.0	0.0	0.0	
28	11.8	29.3	21.4	71.6	17.499	15.3	0.0	0.0	0.0	
29	15.0	29.0	21.8	77.0	19.863	17.3	0.0	0.0	0.0	
30	17.6	27.3	21.8	77.7	20.047	17.5	0.0	0.0	0.0	
31	16.0	32.0	22.5	71.8	19.023	16.7	0.0	0.0	0.0	
PROM.	14.6	28.2	21.5	78.4	19.782	17.1	88.2	2.0	90.2	

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.987
 ALTITUD: 1.000 LATITUD: 10-22 N. LONGITUD: 73-38 W.

MESES	TEMPERATURA °C					Humedad relativa o/o	Tension vapor mb.	Punto roció °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Das Huevas	
ENERO	13.6	29.4	21.3	11.5	31.9	76.2	18.734	16.4	25.5	2	254.5
FEBRERO	14.5	30.9	22.8	12.0	33.4	74.4	19.702	17.1	12.1	2	214.8
MARZO	16.5	29.3	22.4	13.5	33.1	78.5	20.773	18.0	181.7	10	
ABRIL	16.8	27.4	21.7	15.0	30.0	80.6	20.608	17.9	190.5	13	
MAYO	17.0	27.0	21.6	15.5	30.6	79.9	20.332	17.7			
JUNIO	16.6	27.8	22.2	15.4	29.5	78.0	20.359	17.7	18.7	2	
JULIO									84.9		
AGOSTO	17.0	28.0	22.1	15.5	31.0	83.4	22.226	19.1	166.0	15	
SEPTIEMBRE	16.7	27.6	21.6	15.0	30.0	84.4	21.798	18.8	376.0	21	
OCTUBRE	16.7	26.8	21.0	14.5	28.4	82.3	20.616	17.9	502.0	24	
NOVIEMBRE	15.2	27.7	21.2	13.0	30.6	80.3	20.047	17.5	76.8	6	
DICIEMBRE	14.6	28.2	21.5	9.0	32.0	78.4	19.782	17.1	90.2	7	
PROMEDIO			13.7	30.8							
TOTAL											

ESTACION: MONTEL IBANO

MUNICIPIO: YACOPI

AÑO: 1.987

ALTITUD: 1.340

LATITUD: 5-28 N.

LONGITUD: 74-22 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa 0/0	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	23.0	19.3	86.8	19.339	16.9	8.0	0.1	8.1	3.5
2	16.0	24.0	20.0	83.4	19.145	16.8	0.0	0.0	0.0	4.4
3	17.0	25.0	21.4	76.7	19.116	16.6	0.0	0.0	0.0	5.4
4	17.8	24.5	20.7	83.4	20.110	17.6	0.0	9.7	9.7	6.4
5	16.0	22.0	18.8	80.6	17.406	15.3	0.0	0.0	0.0	2.7
6	16.0	23.0	18.8	83.5	17.868	15.7	0.0	2.1	2.1	4.7
7	15.0	19.5	16.3	92.3	17.258	15.2	0.0	2.7	2.7	0.4
8	14.5	20.4	17.0	90.3	17.321	15.2	0.1	0.1	0.2	0.8
9	15.4	22.0	18.3	82.3	17.143	15.1	0.1	0.3	0.4	1.2
10	15.0	24.5	19.9	78.8	17.708	15.5	0.0	0.0	0.0	6.6
11	16.0	23.0	19.9	84.8	19.658	17.2	0.5	0.0	0.5	4.9
12	16.4	24.0	19.7	82.7	18.820	16.5	0.0	0.0	0.0	7.4
13	16.0	24.6	20.2	82.1	19.093	16.7	0.0	2.3	2.3	7.9
14	16.0	24.5	20.1	79.0	18.283	16.1	0.0	0.0	0.0	5.8
15	16.3	26.0	21.4	80.8	20.054	17.5	0.0	0.0	0.0	8.8
16	16.5	25.5	20.6	81.5	19.712	17.2	0.0	0.0	0.0	8.3
17	16.2	26.6	21.7	74.9	18.411	15.9	0.0	0.0	0.0	9.7
18	16.5	28.5	22.5	70.3	18.677	16.4	0.0	0.0	0.0	9.5
19	17.0	24.0	17.7	92.1	18.744	16.5	67.2	0.0	67.2	2.6
20	15.5	24.0	20.0	76.5	17.328	15.1	0.0	0.0	0.0	5.8
21	16.0	23.5	20.2	86.2	20.223	17.7	0.0	0.0	0.0	1.9
22	16.0	25.0	20.4	83.3	19.739	17.3	0.0	12.3	12.3	5.5
23	15.8	23.0	19.1	82.9	18.069	15.7	0.0	2.7	2.7	5.8
24	16.0	23.6	19.9	86.7	19.871	17.4	0.0	0.0	0.0	6.1
25	16.5	24.2	20.4	81.1	19.219	16.9	0.0	0.0	0.0	6.5
26	16.5	24.0	20.5	86.0	20.566	17.9	7.8	5.1	12.9	7.0
27	17.0	22.4	19.5	85.8	19.288	16.9	0.0	5.3	5.3	5.2
28	17.2	25.4	20.5	83.8	20.021	17.5	0.0	8.9	8.9	6.4
29	17.0	25.0	20.5	83.8	20.021	17.5	0.2	0.0	0.2	7.8
30	17.6	24.8	21.0	86.6	21.221	18.4	0.0	1.0	1.0	6.1
31	17.0	23.4	20.6	88.3	21.388	18.5	0.0	0.8	0.8	6.3
PROM.	16.2	24.0	19.9	83.1	19.059	16.7	83.9	53.4	137.3	172.0

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa 0/0	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	25.4	20.7	85.4	20.668	18.0	0.0	0.0	0.0	5.7
2	17.0	24.8	22.2	73.3	18.719	16.4	0.0	0.0	0.0	9.2
3	17.5	25.0	21.4	79.8	20.238	17.7	0.0	0.0	0.0	3.0
4	17.5	25.0	21.7	71.9	18.063	15.9	4.9	0.0	4.9	7.1
5	18.0	26.0	21.6	77.8	19.824	17.3	0.0	0.0	0.0	7.9
6	17.0	24.0	21.0	81.3	19.928	17.4	0.0	0.0	0.0	4.6
7	18.3	26.4	21.8	79.2	20.398	17.8	4.3	0.0	4.3	6.6
8	17.0	23.0	19.7	84.5	19.104	16.7	0.0	4.9	4.9	3.4
9	16.2	25.0	19.5	80.2	18.139	16.0	0.0	2.5	2.5	4.6
10	17.0	22.0	19.0	88.6	19.573	17.2	0.0	3.5	3.5	2.4
11	17.0	22.5	19.9	83.9	19.201	16.9	2.1	0.4	2.5	1.6
12	17.0	21.0	18.3	92.1	19.497	17.1	2.0	0.0	2.0	2.2
13	16.0	22.2	19.1	83.2	18.286	16.0	4.3	0.6	4.9	2.9
14	16.0	21.4	18.5	88.1	18.756	16.5	23.8	0.0	23.8	1.3
15	15.0	25.8	20.0	77.0	17.448	15.1	0.0	0.0	0.0	5.5
16	18.0	24.0	20.5	79.9	19.210	16.8	0.0	0.0	0.0	7.8
17	16.8	24.2	20.1	79.8	18.647	16.4	0.0	0.0	0.0	3.8
18	17.0	26.4	20.6	78.1	18.441	16.0	9.8	45.4	55.2	6.6
19	16.8	24.0	20.5	83.9	19.925	17.4	0.0	9.0	9.0	4.2
20	17.0	25.4	22.0	81.5	21.154	18.3	0.0	0.0	0.0	5.6
21	18.5	27.0	21.8	74.7	19.048	16.6	0.0	11.2	11.2	7.6
22	17.5	25.0	22.1	81.4	21.245	18.4	0.0	0.0	0.0	6.4
23	17.5	28.3	22.0	71.7	18.766	16.2	0.0	0.0	0.0	8.5
24	17.5	28.0	22.9	46.4	12.492	10.1	0.0	0.0	0.0	8.8
25	18.5	28.5	23.2	71.7	19.606	16.5	0.0	0.0	0.0	5.6
26	17.8	29.0	23.8	65.9	18.650	16.1	0.0	0.0	0.0	9.0
27	18.0	29.4	23.8	76.5	21.619	18.4	0.0	0.0	0.0	9.0
28	18.0	28.4	23.7	72.5	20.806	18.1	0.0	0.0	0.0	10.4
PROM.	17.2	25.3	21.1	78.2	19.195	16.7	51.2	77.5	128.7	161.3

ESTACION: MONTELIBANO

MUNICIPIO: YACOPI

AÑO: 1.987

ALTITUD: 1.340

LATITUD: 5-28 N.

LONGITUD: 74-22 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.2	28.0	23.1	79.9	21.769	18.6	0.0	7.0	7.0	8.0
2	19.0	24.5	21.6	82.9	21.418	18.6	0.0	0.0	0.0	5.0
3	18.0	25.0	21.4	81.5	20.605	18.0	3.4	1.9	5.3	4.9
4	19.0	22.5	20.4	88.9	21.338	18.5	1.9	20.6	22.5	0.2
5	17.0	24.8	20.6	82.8	19.857	17.4	0.0	5.4	5.4	4.2
6	16.0	23.5	19.8	79.5	18.320	16.0	0.5	0.0	0.5	5.0
7	16.8	24.5	20.2	85.9	20.315	17.7	0.0	10.8	10.8	5.6
8	17.0	24.0	20.4	76.3	17.967	15.8	0.0	9.6	9.6	5.8
9	16.5	22.5	18.9	81.9	17.740	15.6	0.1	0.0	0.1	3.0
10	16.5	24.0	20.3	68.3	16.004	13.9	0.0	3.4	3.4	9.1
11	16.0	22.5	19.4	74.1	16.418	14.3	0.0	0.0	0.0	3.2
12	16.8	23.5	19.9	78.8	17.914	15.6	0.0	0.0	0.0	6.7
13	17.0	23.0	18.0	83.4	17.363	15.2	8.8	0.0	8.8	1.4
14	15.5	22.8	18.6	83.0	17.689	15.5	0.0	0.2	0.2	4.6
15	16.5	22.6	19.1	85.3	18.968	16.7	9.6	0.0	9.6	1.6
16	16.8	22.0	18.9	82.7	18.033	15.8	0.2	0.0	0.2	1.0
17	16.0	27.0	20.5	78.4	18.340	15.9	0.2	0.3	0.5	5.6
18	17.0	26.9	21.2	75.5	18.260	15.7	0.0	0.0	0.0	8.1
19	17.8	27.0	21.9	73.4	18.332	15.6	0.0	0.0	0.0	6.9
20	17.5	27.2	22.4	73.0	19.314	16.6	0.0	0.0	0.0	7.3
21	17.5	25.0	20.6	80.8	19.399	16.8	0.0	0.0	0.0	1.4
22	17.8	28.0	22.2	75.9	19.853	17.2	0.1	2.6	2.7	4.7
23	17.5	25.0	21.8	80.5	21.087	18.3	0.0	0.0	0.0	1.4
24	17.8	24.0	20.3	83.0	19.738	17.3	2.1	40.7	42.8	1.5
25	18.0	26.0	20.7	78.3	19.321	16.9	9.3	15.5	24.8	4.9
26	16.5	24.5	20.8	77.1	18.778	16.4	0.0	0.2	0.2	1.4
27	17.0	24.0	20.0	77.8	18.034	15.8	0.0	0.0	0.0	3.8
28	17.0	25.5	21.6	80.0	20.617	17.9	0.0	0.0	0.0	5.9
29	17.0	25.0	21.1	83.1	20.724	18.1	0.0	3.4	3.4	4.7
30	15.5	25.5	20.5	83.4	19.713	17.2	0.0	9.4	9.4	7.7
31	15.6	25.3	19.9	77.7	17.995	15.8	0.0	1.9	1.9	8.9
PROM.	17.0	24.7	20.5	79.8	19.072	16.6	36.2	132.9	169.1	143.5

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	21.0	19.0	86.0	18.583	16.3	1.0	0.0	1.0	0.8
2	16.0	23.0	19.4	78.1	17.357	15.2	0.0	5.7	5.7	1.3
3	16.1	21.0	17.4	93.4	18.719	16.5	14.9	0.5	15.4	0.0
4	15.0	24.0	19.4	86.1	19.596	17.5	5.0	0.0	5.0	6.6
5	16.5	25.0	19.5	81.8	19.105	16.8	26.1	5.0	31.1	3.3
6	14.8	25.0	20.5	74.6	17.844	15.5	0.0	0.0	0.0	4.8
7	16.5	27.6	22.4	71.3	18.467	16.2	0.0	0.0	0.0	7.5
8	18.6	25.5	21.8	71.8	18.618	16.2	0.0	0.0	0.0	0.3
9	17.0	26.0	20.7	86.3	21.215	18.4	5.0	0.0	5.0	7.2
10	17.3	24.6	20.5	79.0	18.828	16.5	0.1	17.9	18.0	2.0
11	16.8	24.2	19.9	86.9	20.571	18.0	16.8	0.0	16.8	4.7
12	15.5	27.0	21.3	83.5	21.143	18.3	11.0	0.0	11.0	8.6
13	17.8	25.3	20.9	78.0	19.591	17.2	0.0	0.0	0.0	3.9
14	16.7	26.5	21.5	77.3	19.602	17.1	0.0	0.0	0.0	8.2
15	18.0	27.5	21.8	81.3	21.223	18.4	0.0	0.0	0.0	6.9
16	17.0	25.4	21.3	83.3	20.803	18.1	0.0	0.0	0.0	5.5
17	17.3	26.0	21.1	84.5	20.993	18.2	0.5	5.0	5.5	3.7
18	17.5	25.0	21.1	84.6	21.299	18.5	0.0	0.0	0.0	2.9
19	17.8	28.0	22.8	49.1	13.348	11.2	0.0	0.0	0.0	4.7
20	18.0	28.0	22.4	63.0	16.896	14.5	0.0	0.0	0.0	7.5
21	17.5	25.5	20.9	85.7	21.193	18.4	1.8	0.0	1.8	1.0
22	17.0	26.0	21.2	81.8	20.361	17.8	0.0	7.7	7.7	3.4
23	17.8	25.0	21.5	82.9	20.983	18.2	0.8	0.0	0.8	2.2
24	17.5	25.0	19.8	81.5	18.683	16.4	3.0	0.0	3.0	1.8
25	16.5	24.5	19.9	83.8	19.487	17.1	8.7	0.0	8.7	3.0
26	16.0	24.2	19.5	83.5	18.733	16.4	0.0	3.1	3.1	5.4
27	16.0	25.4	21.3	80.3	20.146	17.6	0.0	8.4	8.4	3.3
28	15.0	25.0	19.2	81.5	17.998	15.8	0.8	1.2	2.0	4.5
29	16.0	24.6	20.2	84.6	19.860	17.4	0.0	0.0	0.0	5.8
30	16.6	24.0	20.0	88.2	20.438	17.8	0.0	8.3	8.3	0.9
PROM.	16.7	25.2	20.6	80.5	19.389	16.9	95.5	62.8	158.3	122.1

ESTACION: MONTE IBANO

MUNICIPIO: YACOPI

AÑO:

1.987

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	16.0	20.2	18.6	81.7	17.337	15.3	2.7	0.2	2.9	0.2
2	16.5	25.2	20.9	77.2	18.944	16.5	0.0	8.6	8.6	5.4
3	15.0	26.0	19.9	80.8	18.318	16.0	0.0	1.7	1.7	6.2
4	16.0	25.3	20.0	80.4	18.849	16.5	8.2	3.8	12.0	6.6
5	16.0	22.0	19.4	85.7	19.239	16.8	1.0	2.4	3.4	1.3
6	16.6	25.0	20.0	82.3	18.994	16.6	4.9	3.6	8.5	3.4
7	16.0	25.6	21.0	83.1	20.317	17.7	0.0	4.5	4.5	5.4
8	17.7	27.0	21.5	78.8	19.793	17.3	8.7	0.8	9.5	5.7
9	19.2	26.5	21.2	84.4	21.328	18.5	1.4	0.0	1.4	5.3
10	18.0	27.0	21.3	83.1	21.001	18.3	0.0	0.0	0.0	4.1
11	18.0	28.0	22.5	70.6	18.854	16.4	0.0	0.1	0.1	6.3
12	18.7	28.4	22.9	64.6	17.393	15.1	0.0	0.0	0.0	5.0
13	19.0	27.0	22.2	68.0	17.815	15.6	0.0	0.3	0.3	3.2
14	18.0	25.5	19.8	77.9	18.264	16.1	30.0	0.0	30.0	3.8
15	17.6	27.0	20.9	77.4	19.301	16.9	50.0	1.7	51.7	6.8
16	17.0	26.8	20.8	82.2	20.074	17.5	1.1	7.7	8.8	3.6
17	17.1	25.8	20.7	76.5	18.586	16.3	4.1	0.0	4.1	6.4
18	17.5	27.5	23.2	59.5	16.296	14.2	0.0	0.0	0.0	9.2
19	18.0	29.0	23.5	60.0	15.904	13.3	0.0	0.0	0.0	7.5
20	18.0	26.4	20.9	81.1	19.993	17.5	3.3	78.3	81.6	4.4
21	17.0	26.0	21.1	79.3	19.945	17.4	12.6	10.2	22.8	3.7
22	17.5	23.0	19.0	87.6	20.059	17.5	1.2	42.5	43.7	2.3
23	16.0	25.0	20.3	78.1	18.146	15.5	2.8	7.9	10.7	5.9
24	16.0	24.2	19.9	84.1	19.390	17.0	1.2	6.5	7.7	1.9
25	17.0	25.5	21.6	84.4	21.496	18.6	0.0	0.0	0.0	5.1
26	17.0	27.0	20.7	74.0	18.193	16.0	0.7	8.7	9.4	6.9
27	15.0	27.6	21.7	73.0	17.999	15.6	0.0	0.0	0.0	6.0
28	17.0	27.2	22.4	77.4	20.865	18.2	0.0	0.0	0.0	10.0
29	17.8	28.0	23.1	61.2	16.445	14.0	0.0	0.0	0.0	9.0
30	18.0	29.4	23.5	49.1	13.961	11.8	0.1	2.8	2.9	10.4
31	18.0	27.2	22.6	54.7	15.452	13.2	0.0	0.0	0.0	5.9
PROM.	17.2	26.1	21.2	75.4	18.663	16.2	134.0	192.3	326.3	167.0

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	23.5	21.8	65.2	16.644	14.3	0.0	0.0	0.0	4.4
2	18.0	27.0	22.1	52.6	13.750	11.6	0.0	0.0	0.0	6.5
3	17.5	26.5	22.1	70.4	18.537	16.3	0.0	0.0	0.0	5.4
4	18.0	25.5	21.0	81.0	20.058	17.5	0.0	4.7	4.7	2.2
5	17.0	26.0	20.8	82.4	20.016	17.5	1.6	10.0	11.6	2.1
6	17.0	25.0	20.5	82.7	19.713	17.3	0.0	0.0	0.0	2.6
7	17.5	26.0	20.9	80.8	21.490	18.6	9.1	0.0	9.1	4.2
8	17.8	26.5	20.9	80.5	19.802	17.3	1.9	0.5	2.4	7.8
9	17.0	27.5	22.1	61.0	15.275	12.9	0.0	0.0	0.0	7.0
10	18.4	28.5	23.0	43.3	11.733	9.3	0.0	0.0	0.0	9.5
11	18.0	27.5	22.1	69.2	18.085	15.6	1.0	0.0	1.0	4.1
12	17.0	26.8	21.5	73.7	18.601	16.3	1.4	0.0	1.4	6.3
13	17.8	26.0	21.7	86.1	22.280	19.2	0.0	4.8	4.8	2.5
14	18.5	24.4	20.3	87.4	21.650	18.7	6.0	3.4	9.4	2.0
15	18.0	25.0	19.5	87.0	20.396	17.8	10.0	0.0	10.0	4.4
16	17.0	26.8	22.0	71.0	18.377	16.2	0.0	0.0	0.0	5.5
17	17.5	27.0	22.0	74.0	19.162	16.6	0.0	0.0	0.0	8.9
18	19.0	26.5	21.9	83.3	21.776	18.8	0.0	0.0	0.0	5.0
19	18.0	28.0	22.9	68.1	18.361	15.9	0.0	0.3	0.3	8.7
20	17.0	26.8	21.5	77.0	19.466	17.0	0.0	0.0	0.0	6.1
21	17.5	26.4	21.1	70.9	17.625	15.3	0.0	0.0	0.0	4.8
22	19.0	26.0	21.2	82.3	20.833	18.2	0.0	0.0	0.0	6.0
23	18.5	27.0	21.4	79.5	20.328	17.8	0.0	0.2	0.2	4.2
24	18.0	26.0	20.9	84.5	20.835	18.1	0.0	11.8	11.8	5.0
25	17.0	25.5	20.7	72.2	17.742	15.3	0.0	0.0	0.0	3.1
26	18.0	28.0	22.4	47.0	12.616	10.4	0.0	0.0	0.0	7.1
27	18.5	28.2	23.0	37.2	10.524	7.6	0.0	0.0	0.0	10.9
28	18.8	29.2	24.0	38.0	11.719	9.3	0.0	0.0	0.0	10.9
29	18.0	27.0	22.7	42.5	11.915	9.5	0.0	0.0	0.0	6.5
30	18.8	27.0	21.7	64.0	16.903	14.6	1.5	0.1	1.6	4.5
PROM.	17.9	26.7	21.7	70.0	17.374	15.4	32.5	35.8	68.3	168.6

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	27.0	22.0	72.3	18.693	16.2	0.0	4.5	4.5	7.8
2	17.0	28.0	21.5	80.8	20.230	17.6	0.2	14.7	14.9	7.9
3	17.5	24.2	20.1	85.4	20.379	17.8	0.2	0.0	0.2	2.7
4	17.0	25.0	19.3	81.8	18.556	16.2	12.0	0.7	12.7	4.1
5	16.8	23.0	20.3	73.3	17.238	15.1	0.0	0.0	0.0	1.4
6	17.0	28.0	22.3	46.6	11.893	9.4	0.0	0.0	0.0	7.4
7	17.0	28.0	22.5	62.3	16.966	14.7	0.0	0.0	0.0	8.7
8	17.6	26.0	21.3	73.6	18.693	16.3	0.1	0.0	0.1	4.0
9	17.5	25.8	21.3	74.1	18.723	16.4	2.1	0.1	2.2	4.1
10	18.0	29.0	23.0	54.6	14.917	12.7	0.0	0.0	0.0	8.8
11	18.5	27.6	22.7	51.0	13.837	11.6	0.0	0.0	0.0	5.5
12	18.0	29.0	24.0	60.8	18.110	15.8	0.5	2.3	2.8	9.1
13	18.5	28.0	21.8	75.7	19.789	17.3	0.0	0.0	0.0	8.0
14	17.5	26.0	21.1	76.8	19.254	16.9	0.3	0.0	0.3	4.4
15	18.0	27.0	21.1	69.6	17.324	15.1	1.2	1.2	2.4	7.1
16	17.0	28.2	22.0	63.7	16.630	14.6	0.0	0.6	0.6	9.1
17	18.0	25.5	20.9	80.7	19.644	17.1	0.0	5.7	5.7	3.6
18	16.0	24.0	19.8	83.1	18.904	16.6	1.4	0.2	1.6	0.9
19	16.4	27.8	21.2	69.3	16.814	14.5	0.0	0.0	0.0	6.0
20	17.0	30.0	23.6	42.7	12.445	9.9	0.0	0.0	0.0	10.0
21	18.0	28.0	23.4	42.2	12.040	9.6	0.0	4.3	4.3	8.0
22	17.0	29.8	22.2	79.9	21.304	18.5	0.2	7.5	7.7	9.2
23	16.5	24.0	20.6	77.3	18.671	16.4	0.3	0.0	0.3	6.6
24	18.0	26.5	20.8	80.0	19.607	17.1	0.0	59.3	59.3	3.0
25	16.0	27.2	20.1	81.6	19.176	16.8	44.4	1.7	46.1	6.0
26	16.0	23.2	20.2	82.9	19.331	16.9	2.3	14.5	16.8	4.8
27	15.8	23.5	20.2	79.6	18.692	16.4	0.7	1.5	2.2	3.2
28	16.5	26.0	21.2	76.3	18.613	16.1	0.0	1.0	1.0	5.0
29	16.8	24.0	20.6	80.5	19.498	17.1	1.6	6.2	7.8	4.0
30	16.0	23.8	19.0	90.7	20.439	17.7	21.8	21.3	43.1	4.4
31	16.2	23.0	19.5	87.1	19.831	17.4	0.2	8.9	9.1	1.7
PROM.	17.1	26.3	21.3	72.1	17.943	15.5	89.5	156.2	245.7	176.5

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	16.0	23.0	19.0	85.3	18.925	16.6	0.5	0.0	0.5	0.7
2	16.1	23.1	18.0	82.8	17.331	15.2	24.6	0.0	24.6	2.1
3	16.0	22.0	19.2	87.6	19.435	17.1	0.0	0.0	0.0	2.2
4	16.5	26.6	19.1	80.5	17.871	15.7	39.0	0.0	39.0	7.6
5	15.0	24.5	20.7	74.2	17.312	15.1	0.0	13.0	13.0	7.6
6	16.5	26.5	21.2	75.2	18.300	15.9	0.0	31.6	31.6	7.6
7	16.0	26.6	20.9	78.4	19.262	16.9	0.3	3.7	4.0	8.6
8	16.5	23.8	20.1	79.2	18.323	16.0	0.0	0.4	0.4	4.2
9	17.5	23.2	20.7	88.4	21.320	18.5	0.5	0.0	0.5	3.4
10	18.0	25.5	20.8	82.8	20.082	17.5	0.2	32.8	33.0	6.1
11	16.5	23.2	20.0	76.2	17.823	15.7	4.4	10.7	15.1	3.8
12	16.0	24.3	20.5	72.6	17.000	14.8	9.2	0.0	9.2	6.3
13	17.5	24.5	21.0	82.2	20.398	17.8	4.0	0.0	4.0	6.5
14	17.0	27.0	22.8	45.2	12.159	9.8	0.0	0.0	0.0	10.3
15	18.5	26.5	23.0	43.4	12.037	9.7	0.0	0.0	0.0	8.7
16	18.0	28.5	21.5	64.0	16.156	14.0	0.0	0.7	0.7	8.0
17	16.5	25.8	20.9	79.7	19.655	17.2	0.1	0.2	0.3	4.2
18	17.5	24.8	21.4	49.3	12.387	10.1	0.0	0.0	0.0	1.2
19	18.0	27.3	21.4	69.2	17.140	14.7	0.0	0.0	0.0	5.2
20	17.5	26.5	22.3	63.3	16.587	14.4	6.7	0.0	6.7	4.7
21	17.8	24.0	22.7	56.2	15.422	13.4	2.1	0.0	2.1	7.8
22	18.0	27.5	22.4	55.5	14.788	12.7	0.0	0.0	0.0	7.0
23	18.5	28.5	23.3	46.1	13.027	10.9	0.1	0.0	0.1	8.9
24	18.5	28.6	23.6	39.8	11.661	9.2	0.0	0.0	0.0	8.1
25	18.0	29.0	23.5	46.0	12.820	10.6	0.0	0.0	0.0	9.1
26	19.0	23.0	23.6	40.5	11.842	9.5	0.0	0.0	0.0	3.5
27	18.7	27.0	22.1	46.2	12.178	9.8	0.0	0.0	0.0	4.6
28	17.5	26.5	20.7	72.6	17.062	14.4	0.0	6.1	6.1	3.5
29	17.5	26.0	20.7	74.6	17.951	15.8	0.0	0.4	0.4	5.4
30	17.6	25.4	20.9	77.3	19.259	16.9	0.0	0.0	0.0	5.2
31	17.0	27.5	21.4	71.6	18.214	16.0	9.2	0.0	9.2	4.9
PROM.	17.3	26.0	21.3	67.3	16.572	14.3	100.9	99.6	200.5	177.1

ESTACION: MONTEL IBANO

MUNICIPIO: YACOPI

AÑO: 1.987

ALTITUD: 1.340

LATITUD: 5-28 N.

LONGITUD: 74-22 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	26.0	21.6	58.1	15.033	12.8	0.0	0.0	0.0	5.3
2	17.0	24.2	20.6	80.7	19.691	17.3	0.1	3.0	3.1	3.5
3	17.5	23.2	18.9	86.0	18.839	16.5	6.0	4.4	10.4	2.2
4	16.5	24.5	19.7	82.4	18.682	16.4	2.0	9.8	11.8	1.3
5	16.0	24.5	19.6	87.6	19.711	17.3	1.3	2.6	3.9	1.5
6	16.6	23.5	18.5	89.3	19.741	17.2	16.5	0.6	17.1	5.2
7	16.0	29.5	21.7	65.9	16.856	14.7	0.1	0.0	0.1	7.9
8	18.0	27.0	22.8	63.0	16.772	14.5	0.0	0.6	0.6	5.8
9	16.5	26.0	20.3	82.4	19.473	17.1	0.0	0.2	0.2	3.4
10	17.0	26.2	21.2	82.0	20.386	17.7	0.0	0.0	0.0	7.7
11	17.6	26.5	21.2	77.7	19.426	17.0	0.8	0.0	0.8	4.7
12	17.8	28.5	22.9	73.4	19.679	17.0	0.0	0.4	0.4	8.2
13	18.8	27.0	21.4	81.6	20.839	18.1	2.4	20.3	22.7	5.4
14	17.0	27.5	20.1	82.2	19.176	16.8	0.0	41.8	41.8	2.0
15	14.5	24.2	19.6	82.0	18.691	16.4	0.0	1.6	1.6	5.3
16	16.8	28.5	22.5	69.8	17.855	15.2	0.0	0.0	0.0	9.5
17	18.0	28.0	22.5	69.3	18.042	15.3	0.0	0.3	0.3	9.8
18	16.5	27.5	20.0	79.1	18.451	16.2	3.4	0.3	3.7	8.0
19	16.0	25.5	19.9	83.0	19.121	16.8	31.1	0.5	31.6	5.6
20	16.1	26.0	19.2	83.0	18.847	16.6	33.0	0.1	33.1	5.6
21	16.0	22.5	18.9	84.1	18.296	16.1	0.2	0.0	0.2	4.6
22	16.0	23.0	19.4	86.8	19.536	17.1	0.3	19.7	20.0	3.8
23	16.5	26.5	21.1	77.2	18.555	16.1	0.0	5.6	5.6	5.8
24	17.0	25.5	20.2	82.0	19.504	17.1	9.1	0.0	9.1	4.7
25	17.2	25.0	20.6	77.4	18.584	16.3	0.0	0.0	0.0	5.0
26	17.6	25.1	20.8	81.0	19.681	17.3	0.0	0.0	0.0	2.4
27	17.0	26.0	21.2	82.4	20.649	18.0	0.0	14.0	14.0	5.8
28	17.0	26.2	20.5	81.8	20.080	17.5	5.9	1.9	7.8	7.1
29	16.0	26.5	21.0	80.5	20.276	17.7	0.0	5.8	5.8	6.4
30	16.2	21.0	18.1	90.5	18.817	16.5	3.0	0.0	3.0	0.1
PROM.	16.8	25.7	20.5	79.4	18.976	16.6	115.2	133.5	248.7	153.6

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	25.0	20.3	76.1	17.825	15.7	0.0	31.3	31.3	7.8
2	16.4	24.6	20.2	80.5	18.686	16.4	0.0	0.0	0.0	6.2
3	16.5	24.2	20.3	79.1	18.540	16.2	0.0	17.4	17.4	3.4
4	16.8	25.0	20.0	84.4	19.576	17.1	2.3	29.0	31.3	3.8
5	16.8	25.5	20.0	82.7	19.145	16.8	3.9	0.0	3.9	2.5
6	17.0	22.0	19.2	91.6	20.515	17.9	4.2	0.3	4.5	1.0
7	16.0	23.0	19.3	94.8	21.098	18.3	6.6	0.4	7.0	2.5
8	18.0	23.5	19.4	83.7	19.101	16.7	9.7	7.6	17.3	1.7
9	17.0	20.5	18.3	87.4	18.303	16.1	5.9	0.2	6.1	0.2
10	16.8	23.5	19.6	82.4	18.973	16.7	0.0	79.3	79.3	3.2
11	17.0	23.4	19.9	88.3	20.729	18.1	0.0	0.1	0.1	0.9
12	17.0	25.0	20.0	80.1	18.603	16.4	0.0	1.6	1.6	5.0
13	16.0	25.5	20.3	86.0	20.406	17.8	0.0	41.5	41.5	5.0
14	15.5	23.5	19.4	84.7	18.862	16.6	0.3	0.0	0.3	1.3
15	17.8	25.5	21.2	82.5	20.389	17.8	0.0	44.9	44.9	5.8
16	16.0	24.6	20.1	83.6	19.457	17.0	0.0	56.7	56.7	0.9
17	17.0	22.2	18.4	91.0	19.162	16.8	10.7	0.2	10.9	0.0
18	17.0	23.0	19.3	93.4	20.949	18.2	0.1	0.0	0.1	1.2
19	17.1	25.0	20.5	81.1	19.590	17.2	0.6	0.0	0.6	3.0
20	17.2	25.2	20.1	81.2	19.102	16.8	0.2	0.7	0.9	4.2
21	17.0	27.3	20.8	78.7	19.032	16.6	0.0	0.3	0.3	4.6
22	17.3	25.0	20.5	85.4	20.590	17.9	0.0	25.0	25.0	1.9
23	17.5	25.3	20.9	81.7	20.167	17.6	5.7	5.9	11.6	2.7
24	17.0	25.5	20.6	83.5	20.137	17.6	2.2	1.1	3.3	2.4
25	17.5	23.0	20.3	84.6	20.073	17.6	0.0	31.2	31.2	2.1
26	17.0	25.0	20.8	80.1	19.532	17.1	0.0	42.5	42.5	6.4
27	16.0	24.6	19.5	83.2	18.670	16.4	3.3	4.3	7.6	2.8
28	16.5	23.6	19.5	83.5	18.832	16.5	1.9	2.1	4.0	2.2
29	16.4	25.0	20.4	81.4	19.308	16.9	0.0	60.4	60.4	0.9
30	17.0	24.9	19.2	88.2	19.951	17.4	14.0	0.1	14.1	4.2
31	16.4	25.0	20.6	84.0	20.481	17.9	0.0	20.2	20.2	5.1
PROM.	16.8	24.3	20.0	84.2	19.541	17.1	71.6	504.3	575.9	94.9

ESTACION: MONTELIBANO

MUNICIPIO: YACOPI

AÑO:

1.987

ALTITUD: 1.340

LATITUD: 5-28 N.

LONGITUD: 74-22 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	23.8	19.6	78.8	17.609	15.4	0.4	0.0	0.4	7.3
2	15.5	24.0	19.3	83.1	18.373	16.2	0.0	0.0	0.0	5.9
3	16.5	24.8	20.3	80.8	18.886	16.5	2.1	0.0	2.1	4.7
4	16.5	24.9	20.2	85.8	20.498	17.9	10.3	0.0	10.3	5.1
5	16.3	25.8	20.9	86.2	21.004	18.2	0.0	0.0	0.0	6.6
6	17.5	25.0	20.9	89.3	21.988	19.0	0.0	0.8	0.8	4.3
7	16.5	26.2	21.2	84.5	21.160	18.4	0.0	2.8	2.8	7.3
8	17.8	26.8	21.4	83.6	21.559	18.7	3.0	19.8	22.8	6.9
9	17.0	26.6	21.7	86.4	22.098	19.0	0.0	0.0	0.0	8.1
10	17.8	26.2	21.2	83.4	21.136	18.4	0.0	0.1	0.1	6.4
11	17.6	26.0	21.6	84.3	21.577	18.7	0.0	0.1	0.1	5.7
12	17.0	25.5	21.7	84.8	21.797	18.9	0.0	0.5	0.5	5.5
13	17.8	27.0	21.0	82.3	20.730	18.1	0.5	3.3	3.8	6.0
14	16.5	25.5	21.3	85.7	21.812	18.9	0.0	1.3	1.3	5.1
15	16.8	24.9	20.8	83.0	20.596	18.0	0.0	0.0	0.0	2.2
16	17.0	25.6	21.7	82.3	21.283	18.5	0.0	0.1	0.1	6.5
17	18.6	25.8	21.2	86.2	21.619	18.7	0.0	14.1	14.1	5.8
18	17.8	25.0	21.0	86.0	21.371	18.5	0.0	6.3	6.3	7.1
19	17.6	25.4	20.6	81.5	20.067	17.6	0.3	51.3	51.6	3.3
20	17.0	22.5	18.7	88.2	19.171	16.8	4.0	0.6	4.6	1.1
21	16.8	22.3	19.0	85.0	18.989	16.7	6.7	0.0	6.7	2.0
22	17.4	23.4	19.6	83.3	19.014	16.7	0.0	0.0	0.0	4.4
23	17.0	26.0	21.6	86.5	22.490	19.4	0.0	0.0	0.0	7.5
24	18.0	26.2	21.7	83.1	21.401	18.5	0.5	26.4	26.9	4.9
25	17.4	20.5	18.6	93.2	19.818	17.4	8.2	0.0	8.2	0.8
26	17.0	25.0	19.4	82.5	18.729	16.5	2.6	7.9	10.5	6.7
27	17.0	23.5	19.7	86.6	19.915	17.4	0.0	0.0	0.0	5.5
28	17.6	23.0	19.6	85.6	19.622	17.2	0.0	0.9	0.9	3.0
29	17.5	22.5	19.7	88.3	20.564	18.0	0.0	0.0	0.0	1.0
30	17.0	21.3	18.9	89.9	20.180	17.6	0.9	0.0	0.9	0.0
PROM.	17.1	24.7	20.5	85.0	20.502	17.9	39.5	136.3	175.8	146.7

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	24.2	20.2	81.7	18.782	16.4	0.0	5.5	5.5	6.5
2	17.2	25.1	20.3	78.2	18.548	16.3	0.0	0.0	0.0	1.9
3	17.8	24.3	20.4	82.0	19.783	17.3	0.0	0.0	0.0	5.4
4	16.7	24.2	20.7	82.3	19.875	17.4	0.2	2.2	2.4	6.3
5	16.4	24.3	20.0	86.5	20.178	17.6	0.0	2.0	2.0	7.1
6	17.2	24.6	19.5	92.3	21.037	18.3	0.3	6.3	6.6	4.7
7	16.0	23.4	19.9	88.7	20.563	17.9	1.2	0.0	1.2	1.7
8	17.0	24.0	20.7	85.8	21.144	18.4	0.0	0.0	0.0	6.1
9	17.2	24.2	20.7	87.9	21.268	18.4	0.0	0.0	0.0	5.5
10	18.2	23.6	19.5	95.2	21.791	18.9	0.4	17.6	18.0	2.3
11	17.5	23.5	20.0	92.0	21.432	18.6	0.0	0.1	0.1	4.7
12	18.0	25.0	21.1	89.6	22.255	19.2	0.0	0.2	0.2	3.3
13	18.8	25.1	20.4	86.1	21.146	18.4	1.8	2.4	4.2	3.4
14	16.4	24.5	20.9	88.0	21.525	18.6	0.2	5.9	6.1	4.1
15	17.6	25.2	20.6	87.1	21.224	18.4	7.4	0.0	7.4	4.8
16	17.8	24.4	20.5	86.6	20.813	18.1	0.0	0.0	0.0	7.4
17	17.4	25.0	20.8	83.9	20.557	17.9	0.0	0.0	0.0	6.3
18	17.2	24.3	20.1	87.3	20.526	17.9	0.0	0.0	0.0	7.1
19	17.8	27.0	21.2	82.6	20.897	18.2	1.3	3.2	4.5	4.5
20	18.0	26.5	21.4	83.1	21.074	18.3	0.0	0.0	0.0	5.4
21	15.8	26.7	21.4	74.9	18.386	16.2	0.0	0.0	0.0	8.9
22	17.5	25.5	21.4	75.4	19.204	16.7	0.0	0.0	0.0	9.8
23	17.5	25.3	21.9	78.6	20.378	17.8	0.0	0.0	0.0	9.7
24	17.6	25.6	21.3	84.1	21.016	18.3	0.0	0.0	0.0	8.8
25	18.0	25.4	21.4	84.3	21.351	18.5	0.0	1.0	1.0	7.4
26	17.0	24.8	20.3	86.0	20.297	17.7	0.0	0.0	0.0	6.7
27	17.8	25.0	20.8	85.1	20.997	18.3	0.0	34.3	34.3	6.2
28	16.4	23.2	20.6	87.2	21.193	18.4	0.0	0.0	0.0	4.4
29	17.8	24.5	20.7	87.6	21.449	18.6	0.8	1.1	1.9	2.7
30	18.5	23.5	20.9	86.1	21.135	18.4	0.0	9.5	9.5	3.9
31	18.3	26.5	21.0	83.1	20.714	18.1	1.9	0.0	1.9	5.4
PROM.	17.4	24.8	20.7	85.1	20.663	18.0	15.5	91.3	106.8	172.4

ESTACION: MONTELIBANO

MUNICIPIO YACQUI

AÑO 1.987

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 mn.	Días llovias	
ENERO	16.2	24.0	19.9	14.5	28.5	83.1	19.059	16.7	137.3	17	172.0
FEBRERO	17.2	25.3	21.1	15.0	29.4	78.2	19.195	16.7	128.7	12	161.3
MARZO	17.0	24.7	20.5	15.5	28.0	79.8	19.072	16.6	169.1	21	143.5
ABRIL	16.7	25.2	20.6	14.8	28.0	80.5	19.389	16.9	158.3	19	122.1
MAYO	17.2	26.1	21.2	15.0	29.0	75.4	18.663	16.2	326.3	22	167.0
JUNIO	17.9	26.7	21.7	17.0	29.2	70.0	17.874	15.4	68.3	13	168.0
JULIO	17.1	26.3	21.3	15.8	30.0	72.1	17.943	15.5	245.7	23	176.5
AGOSTO	17.3	26.0	21.3	15.0	29.0	67.3	16.572	14.3	200.5	20	177.1
SEPTIEMBRE	16.8	25.7	20.5	14.5	29.5	79.4	18.976	16.6	248.7	25	153.6
OCTUBRE	16.8	24.3	20.0	15.5	27.3	84.2	19.541	17.1	575.9	30	94.9
NOVIEMBRE	17.1	24.7	20.5	15.0	27.0	85.0	20.502	17.9	175.8	22	140.7
DICIEMBRE	17.4	24.8	20.7	15.8	27.0	85.1	20.663	18.0	106.8	17	172.4
PROMEDIO	17.1	25.3	20.8	15.3	28.5	78.3	18.954	16.5			
TOTAL									2541.4	241	1855.7

ESTACION: MISIONES

MUNICIPIO: MESITASCOLEGIÓN

1.987

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	
2	15.7	24.9	19.9	70.2	16.265	14.3	0.0	0.0	0.0	4.1
3	16.5	24.8	19.0	78.7	17.183	15.0	1.0	0.0	1.0	3.6
4	16.8	28.5	22.2	64.4	17.179	15.1	0.0	0.0	0.0	6.5
5	17.3	23.0	19.5	82.7	18.951	16.6	0.7	0.0	0.7	2.9
6	16.0	26.3	20.5	74.9	17.935	15.7	0.0	0.0	0.0	5.1
7	17.0	21.0	18.0	93.2	19.488	17.1	9.1	50.4	59.5	0.3
8	16.0	20.5	17.0	90.0	18.111	15.9	1.2	0.0	1.2	0.2
9	16.0	25.0	17.3	84.3	16.835	14.8	17.9	0.0	17.9	0.1
10	14.6	20.5	19.7	79.8	18.327	16.0	0.4	0.0	0.4	5.7
11	15.5	26.0	19.8	75.7	17.534	15.4	0.6	0.0	0.6	6.3
12	18.0	25.5	21.5	60.6	15.615	13.6	0.0	0.0	0.0	7.0
13	16.7	26.3	21.2	64.4	16.049	14.1	0.0	0.0	0.0	7.1
14	17.0	26.0	21.3	64.6	16.515	14.5	0.0	0.0	0.0	7.5
15	17.5	26.8	20.8	63.3	15.570	13.6	0.0	0.0	0.0	7.1
16	17.7	29.3	22.2	53.4	13.999	12.0	0.0	0.0	0.0	7.8
17	16.3	26.6	21.7	66.6	16.454	14.5	0.0	0.0	0.0	7.8
18	16.5	27.5	21.1	64.5	16.074	14.1	0.0	0.0	0.0	6.4
19	17.5	26.5	20.0	60.7	14.455	12.4	0.4	0.0	0.4	2.2
20	18.0	26.5	21.8	61.4	16.274	14.2	0.0	0.0	0.0	3.0
21	17.4	24.5	20.3	72.5	17.317	15.2	0.0	0.0	0.0	3.3
22	15.6	27.9	20.4	68.4	16.501	14.4	0.0	0.0	0.0	4.0
23	16.5	24.0	19.1	83.7	18.915	16.6	16.7	0.0	16.7	1.9
24	16.3	24.9	19.8	75.9	17.239	15.2	0.0	0.0	0.0	4.9
25	16.4	26.5	20.6	65.4	15.828	13.8	0.0	0.0	0.0	6.8
26	17.5	26.3	21.1	63.6	16.115	14.0	0.1	0.0	0.1	7.2
27	17.0	24.0	19.4	73.4	16.587	14.5	0.3	0.0	0.3	2.8
28	15.5	25.4	20.0	71.2	16.499	14.4	0.0	0.0	0.0	5.8
29	17.3	24.5	21.0	61.6	15.299	13.3	0.0	0.0	0.0	7.5
30	18.5	25.6	20.8	64.7	15.769	13.7	0.0	0.0	0.0	3.2
31	17.5	25.9	19.8	78.1	18.402	16.1	3.3	0.0	3.3	4.2
PROM.	16.7	25.3	20.2	71.4	16.774	14.7	56.3	50.4	106.7	145.6

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	
2	17.3	26.8	21.1	61.6	15.003	13.0	0.0	0.2	0.2	4.5
3	17.5	27.5	21.6	62.1	15.858	13.9	0.0	0.0	0.0	4.9
4	18.3	26.8	21.6	57.2	14.793	12.8	0.0	0.0	0.0	4.8
5	18.0	28.4	21.1	59.7	15.155	13.1	12.6	0.0	12.6	6.8
6	17.5	24.9	21.1	59.5	14.355	11.9	0.0	0.0	0.0	5.2
7	18.0	26.6	21.8	63.3	16.431	14.3	0.0	0.0	0.0	5.3
8	16.5	25.2	20.8	77.6	18.637	16.4	0.0	0.0	0.0	1.8
9	16.5	23.0	19.7	78.2	18.010	15.8	0.0	0.0	0.0	0.4
10	16.6	21.5	17.9	93.8	19.351	17.0	3.3	0.0	3.3	0.6
11	16.0	22.0	18.7	82.1	17.683	15.5	3.9	2.9	6.8	0.5
12	15.5	22.5	18.9	76.9	16.709	14.5	1.5	0.0	1.5	0.3
13	14.6	23.0	19.1	78.5	17.365	15.2	2.6	2.0	4.6	0.2
14	14.6	19.5	16.6	83.7	15.621	13.6	12.3	0.0	12.3	0.0
15	14.6	26.0	19.8	73.0	16.575	14.5	0.0	0.6	0.6	5.7
16	17.3	24.5	21.2	70.5	17.636	15.5	0.0	0.0	0.0	2.6
17	16.6	23.5	20.5	70.5	16.375	14.3	0.0	0.2	0.2	3.2
18	18.0	23.5	19.7	78.5	18.217	16.0	0.3	0.0	0.3	1.1
19	17.5	25.0	20.8	72.9	17.792	15.6	1.0	0.0	1.0	2.9
20	18.0	26.0	21.4	75.4	19.281	16.9	0.5	0.0	0.5	3.6
21	18.0	26.5	21.9	61.7	16.094	14.1	0.0	0.0	0.0	6.3
22	18.3	26.0	21.8	66.9	17.591	15.5	0.0	0.0	0.0	6.8
23	18.0	26.9	22.2	58.5	15.945	13.6	0.0	0.0	0.0	7.5
24	17.0	28.6	21.7	54.8	14.598	12.5	0.0	0.0	0.0	5.2
25	16.4	25.0	20.4	68.5	16.865	14.8	0.0	0.0	0.0	2.0
26	18.0	28.3	22.8	59.8	16.629	14.6	0.0	0.0	0.0	4.3
27	18.5	26.3	21.8	65.0	17.127	15.0	0.0	0.0	0.0	2.0
28	16.8	29.5	23.2	52.6	14.927	12.5	0.0	0.0	0.0	7.4
PROM.	17.0	25.3	20.8	69.2	16.746	14.6	38.0	5.9	43.9	101.1

ESTACION: MISIONES

MUNICIPIO MESITAS COLEGIANO:

1-987

ALTITUD: 1.540

LATITUD: 4-34 N.

LONGITUD: 74-18 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.4	26.4	22.4	55.3	15.052	13.0	0.0	0.0	0.0	3.6
2	18.0	28.5	23.3	54.7	15.509	13.5	0.0	0.0	0.0	7.4
3	17.5	26.5	22.1	69.7	18.144	15.9	0.0	0.0	0.0	4.8
4	15.5	22.5	19.2	85.6	19.030	16.7	7.0	5.1	12.1	0.1
5	15.0	23.0	18.1	92.6	19.290	16.8	0.0	6.4	6.4	0.3
6	15.4	22.0	18.9	87.8	19.085	16.7	0.0	0.3	0.3	0.8
7	15.6	26.0	20.1	79.7	18.529	16.3	4.9	1.2	6.1	3.0
8	15.4	26.5	19.9	83.9	19.106	16.8	0.0	0.0	0.0	5.6
9	16.0	26.0	19.8	73.7	17.017	15.0	0.0	0.0	0.0	4.2
10	16.8	26.3	20.9	71.9	17.717	15.6	0.0	0.0	0.0	7.0
11	16.0	24.8	19.7	73.0	16.475	14.4	0.0	0.0	0.0	3.0
12	16.6	25.2	20.5	72.8	17.276	15.2	0.0	0.0	0.0	2.3
13	16.4	21.0	17.5	85.1	17.274	15.2	4.3	0.0	4.3	0.0
14	15.5	23.0	18.3	86.2	18.066	15.8	10.6	8.6	19.2	2.3
15	16.0	20.5	18.0	83.4	17.108	15.0	1.0	0.0	1.0	0.6
16	15.5	21.0	17.2	89.5	17.649	15.5	6.6	0.0	6.6	0.2
17	15.0	26.0	20.4	70.5	16.205	14.2	0.0	2.4	2.4	3.6
18	16.6	24.5	20.0	73.0	16.965	14.9	0.4	0.0	0.4	2.8
19	17.5	26.0	21.5	60.4	15.230	13.3	0.0	0.0	0.0	3.8
20	18.5	27.5	23.0	54.2	15.307	13.3	0.0	0.0	0.0	6.6
21	18.8	24.5	22.6	62.0	16.710	14.7	0.0	0.3	0.3	0.9
22	18.0	27.8	22.1	64.1	16.877	14.8	0.0	0.0	0.0	4.2
23	18.6	27.0	22.2	57.1	15.365	13.4	0.0	0.0	0.0	3.8
24	18.8	26.6	21.3	58.8	15.417	13.3	1.8	0.0	1.8	3.2
25	17.5	27.8	22.3	54.5	14.771	12.6	0.0	0.0	0.0	6.7
26	18.6	26.8	21.5	65.8	17.125	15.0	0.0	20.6	20.6	3.5
27	15.5	26.6	20.8	69.3	17.100	14.9	0.0	0.0	0.0	4.8
28	18.0	27.3	21.6	74.8	19.199	16.9	0.0	0.0	0.0	1.5
29	17.5	27.8	22.2	70.3	18.572	16.3	0.0	54.1	54.1	4.3
30	16.5	26.5	21.0	77.0	19.254	16.8	0.0	0.0	0.0	2.8
31	17.0	26.4	20.8	76.7	18.888	16.6	6.0	0.3	6.3	6.2
PROM.	16.9	25.4	20.6	72.0	17.268	15.1	42.6	99.3	141.9	104.0

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	24.5	20.2	78.3	18.383	16.1	0.0	10.9	10.9	2.9
2	16.3	23.0	18.6	88.1	18.867	16.5	1.0	8.9	9.9	0.6
3	14.5	17.5	16.8	93.2	17.548	15.4	9.9	0.0	9.9	2.8
4	14.5	25.0	20.3	62.9	15.416	13.0	0.0	0.0	0.0	3.7
5	16.0	26.4	20.2	78.8	18.133	15.9	1.9	12.1	14.0	4.7
6	16.0	24.0	19.2	83.2	18.390	16.1	2.5	0.0	2.5	4.2
7	18.4	25.0	21.1	67.8	16.937	14.9	0.0	0.0	0.0	3.2
8	17.5	23.5	19.7	70.6	16.370	14.4	2.9	0.0	2.9	0.3
9	17.6	25.6	20.9	71.5	17.871	15.7	0.1	0.0	0.1	4.6
10	17.5	22.0	19.0	81.4	18.454	16.0	0.1	0.0	0.1	0.4
11	16.5	25.0	19.5	75.9	17.308	15.2	0.0	0.0	0.0	3.1
12	17.5	26.5	21.6	71.4	18.681	16.2	0.0	0.0	0.0	6.5
13	17.0	25.0	20.5	70.4	17.254	15.1	0.1	0.0	0.1	4.1
14	16.5	27.0	21.0	64.5	15.835	13.9	0.0	0.0	0.0	6.7
15	17.8	27.0	22.1	60.2	15.620	13.6	0.0	0.0	0.0	7.3
16	17.0	24.5	20.5	78.9	19.214	16.7	0.0	0.0	0.0	4.5
17	17.0	24.5	21.2	74.7	18.660	16.4	0.0	0.0	0.0	4.1
18	15.5	23.6	19.7	84.7	18.991	16.7	0.0	0.0	0.0	1.9
19	17.5	20.5	18.7	80.0	17.130	15.0	5.0	0.0	5.0	0.0
20	17.0	28.0	21.7	79.4	20.814	18.1	0.0	0.0	0.0	2.1
21	17.5	25.0	21.1	80.9	20.427	17.8	0.0	0.0	0.0	0.2
22	17.5	26.0	21.0	77.3	18.761	16.4	0.0	0.0	0.0	2.6
23	18.0	25.5	20.7	83.3	20.359	17.8	0.5	0.5	1.0	0.9
24	17.5	24.3	19.2	85.6	19.697	17.2	8.0	0.0	8.0	0.0
25	17.8	24.0	20.3	78.7	18.634	16.4	0.0	0.0	0.0	0.2
26	17.5	23.5	20.7	77.6	18.834	16.5	11.0	0.0	11.0	1.3
27	17.5	24.8	21.0	78.6	19.439	17.0	13.5	3.0	16.5	0.7
28	17.0	21.0	18.9	86.8	18.822	16.5	8.0	0.0	8.0	0.0
29	17.5	24.0	20.0	84.9	19.775	17.3	0.0	0.0	0.0	0.3
30	16.5	22.5	18.6	85.5	18.362	16.1	0.0	0.0	0.0	0.0
PROM.	17.0	24.3	20.1	77.8	18.300	16.0	64.5	35.4	99.9	73.5

ESTACION: MISIONES

MUNICIPIO: MESITAS COLBEGIAÑO:

1.987

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	16.0	19.4	17.9	90.2	18.337	16.1	1.0	0.0	1.0	6.0
2	16.5	24.0	19.3	79.5	17.755	15.6	5.0	0.0	5.0	2.0
3	17.5	25.0	20.7	78.6	19.223	16.9	8.0	35.0	43.0	3.9
4	17.5	25.0	20.7	81.2	19.717	17.2	3.0	0.0	3.0	1.2
5	17.5	20.0	18.7	89.3	19.353	16.9	1.3	1.8	3.1	1.7
6	16.4	23.5	19.7	76.5	17.631	15.4	1.3	3.0	4.3	2.1
7	17.0	22.0	19.2	77.3	17.433	15.3	0.9	0.0	0.9	0.5
8	17.5	23.5	20.6	69.0	16.972	14.8	5.8	0.0	5.8	2.4
9	18.0	24.4	20.8	66.2	16.084	14.1	0.7	0.2	0.9	2.8
10	17.0	24.0	19.7	72.2	16.717	14.6	0.0	0.0	0.0	1.2
11	17.4	26.4	21.7	59.9	15.661	13.7	0.0	0.0	0.0	2.1
12	17.5	24.5	20.5	68.6	16.687	14.6	0.1	0.0	0.1	1.2
13	17.2	25.0	19.4	79.6	18.361	16.1	0.2	0.0	0.2	2.2
14	17.0	23.0	19.4	78.2	17.935	15.7	3.6	0.0	3.6	1.7
15	16.9	26.0	21.1	75.0	18.879	16.6	0.3	1.3	1.6	3.7
16	17.4	23.0	18.8	87.4	19.233	16.9	6.0	0.6	6.6	0.2
17	16.5	22.8	19.6	75.4	17.076	15.0	6.7	0.0	6.7	0.4
18	17.5	25.8	21.8	69.4	17.942	15.7	0.0	0.0	0.0	1.8
19	17.8	27.4	21.3	69.3	17.597	15.4	0.0	0.0	0.0	4.3
20	17.5	26.4	21.1	67.5	17.135	15.1	2.3	0.0	2.3	2.7
21	17.5	24.5	20.4	82.8	19.813	17.3	0.3	0.0	0.3	1.9
22	17.8	22.8	19.4	88.8	20.252	17.7	9.6	28.8	38.4	0.8
23	16.5	23.4	19.2	84.0	18.720	16.4	5.0	38.5	43.5	2.8
24	16.0	21.5	18.0	90.2	18.617	16.3	2.3	0.9	3.2	0.0
25	16.5	23.5	20.3	68.9	16.770	14.6	6.1	0.0	6.1	2.5
26	17.0	23.4	19.4	81.0	18.256	16.0	2.0	39.1	41.1	0.5
27	16.5	23.8	19.3	78.0	17.757	15.5	1.6	0.0	1.6	1.3
28	16.0	26.6	21.7	68.6	17.520	15.4	0.0	0.0	0.0	5.4
29	18.6	26.4	20.9	62.3	15.701	13.7	0.0	0.0	0.0	7.3
30	15.5	26.5	21.5	66.0	16.966	14.9	0.0	0.0	0.0	5.8
31	17.5	26.0	21.1	65.3	16.776	14.7	0.6	0.0	0.6	3.3
PROM.	17.1	24.2	20.1	75.7	17.835	15.6	73.7	149.2	222.9	75.7

M E S - J U N I O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	18.5	17.3	90.5	17.969	15.8	0.9	0.0	0.9	0.0
2	16.0	25.0	20.4	72.1	17.129	15.0	0.0	0.0	0.0	4.2
3	17.4	25.0	21.0	68.8	17.076	15.0	0.0	0.0	0.0	3.5
4	18.4	23.0	19.2	74.9	16.652	14.5	5.7	0.4	6.1	1.4
5	16.0	21.0	19.0	86.1	18.848	16.5	0.1	0.0	0.1	0.9
6	16.8	21.5	18.6	82.2	17.544	15.4	1.6	0.0	1.6	0.1
7	17.0	24.0	20.1	78.0	18.837	16.4	2.3	0.0	2.3	3.4
8	17.5	24.5	19.8	74.5	17.681	15.5	2.7	0.0	2.7	1.9
9	16.8	23.5	19.2	79.7	18.020	15.8	0.0	0.0	0.0	2.2
10	15.8	25.0	20.9	63.6	15.672	13.7	0.0	1.7	1.7	3.0
11	17.6	23.5	19.4	72.8	16.422	14.4	1.4	0.0	1.4	0.0
12	17.5	27.6	21.5	61.1	15.878	13.8	0.0	0.0	0.0	4.6
13	18.5	26.0	21.0	63.4	16.006	14.0	0.0	0.0	0.0	2.7
14	18.6	23.5	20.8	70.9	17.623	15.5	0.0	0.0	0.0	0.6
15	17.5	23.0	19.2	80.9	17.822	15.6	0.8	0.0	0.8	0.6
16	18.0	25.5	20.9	70.4	17.618	15.4	0.0	0.0	0.0	2.1
17	17.4	27.8	21.4	67.0	16.762	14.7	0.0	0.3	0.3	6.1
18	17.8	25.8	21.2	61.4	15.381	13.4	0.4	0.0	0.4	2.1
19	16.4	25.8	21.1	66.6	16.394	14.4	0.0	0.0	0.0	3.7
20	16.5	24.0	20.1	75.2	17.510	15.4	0.1	0.0	0.1	2.2
21	17.4	25.5	21.5	58.7	14.687	12.7	0.0	1.6	1.6	2.1
22	18.0	26.8	22.4	54.9	15.069	13.1	0.0	0.2	0.2	2.5
23	18.5	23.5	20.4	74.3	17.847	15.7	0.4	2.5	2.9	0.2
24	15.5	23.4	18.2	82.5	17.119	15.1	0.0	0.0	0.0	1.0
25	17.8	21.8	19.3	77.8	17.225	15.1	0.4	0.0	0.4	0.5
26	16.4	25.0	19.9	61.7	14.462	12.4	0.2	0.0	0.2	2.3
27	16.5	24.5	20.2	56.5	13.124	11.0	0.0	0.0	0.0	1.5
28	14.8	26.8	20.8	51.2	12.223	9.9	0.0	0.0	0.0	3.9
29	17.4	24.8	21.1	60.4	15.288	13.3	0.0	0.0	0.0	1.5
30	17.0	25.0	20.7	60.5	14.882	12.9	0.0	0.0	0.0	1.4
PROM	17.1	24.4	20.2	70.0	16.492	14.4	17.0	6.7	23.7	62.2

ESTACION: MISIONES

MUNICIPIO MESITAS CLEGGIANO:

1.987

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	16.8	25.8	21.2	62.1	15.346	13.3	0.1	0.0	0.1	2.0
2	18.5	25.7	22.1	58.3	15.561	13.6	0.0	3.3	3.3	3.6
3	16.4	24.2	20.6	61.3	15.024	13.0	0.1	0.0	0.1	1.9
4	17.5	23.5	19.2	71.0	16.026	14.0	5.3	0.1	5.4	0.6
5	16.0	19.5	17.1	85.5	16.714	14.6	6.8	0.0	6.8	0.0
6	15.5	25.5	20.4	60.4	14.442	12.4	0.0	0.0	0.0	1.9
7	15.3	26.5	20.9	52.2	12.707	10.5	0.0	0.0	0.0	5.0
8	16.4	25.5	19.5	58.4	13.389	11.3	8.4	0.0	8.4	2.2
9	17.0	24.0	19.9	56.6	13.346	11.2	1.2	4.7	5.9	2.4
10	15.5	20.5	17.7	78.3	15.683	13.6	0.0	0.0	0.0	0.8
11	16.5	22.5	19.3	65.1	14.852	12.8	0.4	0.0	0.4	0.4
12	16.0	22.0	19.0	68.7	15.139	13.2	0.2	0.0	0.2	2.0
13	15.5	23.0	20.4	52.9	12.458	10.2	0.0	0.0	0.0	3.1
14	17.5	22.8	20.2	64.8	15.435	13.4	1.1	0.0	1.1	0.6
15	16.5	23.0	19.7	70.7	16.076	14.0	2.1	0.0	2.1	1.8
16	17.5	24.5	21.4	58.8	15.046	13.0	0.0	0.3	0.3	1.2
17	17.8	24.2	20.2	66.6	15.931	14.0	0.2	4.0	4.2	1.4
18	18.0	24.3	20.5	63.5	15.389	13.4	1.7	1.9	3.6	1.7
19	15.0	25.8	19.6	77.1	17.002	15.0	3.9	0.0	3.9	3.2
20	17.5	25.0	20.8	64.7	15.600	13.6	0.0	0.0	0.0	4.7
21	16.5	26.6	20.7	60.4	14.868	12.9	0.6	0.0	0.6	3.2
22	16.4	26.0	21.5	62.1	15.596	13.6	0.7	0.0	0.7	3.7
23	17.5	24.4	21.0	70.3	17.636	15.5	0.0	0.0	0.0	2.3
24	17.5	24.8	20.4	66.1	15.975	14.0	7.8	0.0	7.8	1.9
25	17.4	23.5	19.7	73.3	16.360	14.2	0.7	0.9	1.6	1.0
26	16.5	24.8	19.8	69.3	16.118	14.1	0.3	0.0	0.3	1.3
27	17.5	24.4	19.5	66.2	15.664	13.4	9.9	0.0	9.9	0.5
28	16.5	23.8	20.3	71.2	16.967	14.9	0.0	0.0	0.0	1.6
29	17.5	22.5	19.9	79.5	18.273	16.1	0.4	0.7	1.1	1.5
30	16.5	23.0	20.0	82.2	19.019	16.7	0.3	0.2	0.5	0.9
31	17.5	23.2	19.9	79.0	18.260	15.9	1.0	3.7	4.7	1.3
PROM.	16.8	24.0	20.1	67.0	15.674	13.6	53.2	19.8	73.0	59.7

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	19.8	17.9	86.8	17.774	15.7	6.1	0.0	6.1	0.0
2	16.5	23.5	19.5	73.0	16.759	14.7	0.1	0.0	0.1	1.7
3	15.5	22.0	19.5	76.1	16.802	14.8	0.0	0.5	0.5	1.1
4	16.5	25.8	21.0	63.6	15.467	13.4	0.0	0.0	0.0	3.8
5	17.0	24.0	20.5	71.4	17.118	14.9	0.0	0.0	0.0	2.8
6	15.0	23.4	20.2	82.4	19.137	16.8	4.9	0.0	4.9	1.0
7	18.0	24.8	21.8	63.3	16.666	14.5	0.5	0.0	0.5	2.5
8	16.8	23.5	19.5	73.6	16.412	14.3	0.2	0.2	0.4	1.0
9	18.0	24.3	20.7	70.5	17.155	15.0	2.3	0.3	2.6	2.4
10	16.5	24.4	19.5	70.2	15.869	13.7	1.8	0.0	1.8	1.5
11	16.8	24.8	20.9	60.2	15.117	13.1	0.6	5.5	6.1	2.3
12	15.5	24.5	20.1	66.6	15.540	13.6	0.4	0.5	0.9	1.8
13	16.5	24.4	20.1	70.2	16.206	14.2	0.0	0.0	0.0	1.9
14	17.5	25.5	20.8	58.8	14.553	12.5	0.0	0.0	0.0	4.1
15	18.0	26.4	22.5	51.0	13.799	11.6	0.0	0.0	0.0	5.3
16	18.5	26.5	21.7	49.4	12.981	10.7	0.0	1.2	1.2	4.3
17	18.0	21.5	18.9	74.0	16.408	14.3	0.9	0.0	0.9	0.3
18	16.5	22.2	19.9	59.3	13.667	11.6	0.0	0.0	0.0	0.0
19	17.0	25.5	21.3	56.3	14.058	12.1	0.0	0.0	0.0	2.0
20	17.5	23.2	21.1	57.0	14.189	12.1	0.0	0.0	0.0	0.0
21	16.0	25.5	21.3	60.9	15.061	13.1	0.0	0.0	0.0	3.9
22	16.0	27.3	20.8	62.5	15.060	13.1	0.1	0.0	0.1	3.2
23	16.0	27.4	22.0	53.6	14.183	12.1	1.4	0.0	1.4	1.2
24	17.5	24.0	20.6	58.2	14.265	12.3	0.0	0.0	0.0	0.9
25	16.5	23.5	20.3	55.2	12.841	10.5	0.0	0.0	0.0	1.9
26	17.0	25.3	20.8	57.1	14.109	12.0	2.5	0.8	3.3	4.1
27	17.0	23.8	19.5	67.2	15.134	13.1	2.0	0.0	2.0	0.9
28	17.5	25.6	21.8	56.3	14.537	12.5	0.3	0.0	0.3	2.9
29	18.4	24.8	20.7	67.1	16.338	14.3	0.4	0.0	0.4	2.6
30	18.5	25.8	21.1	62.1	15.884	13.9	5.0	0.0	5.0	2.7
31	17.5	24.4	20.7	74.8	18.464	16.2	2.2	0.0	2.2	1.0
PROM.	17.0	24.4	20.5	64.8	15.534	13.4	31.7	9.0	40.7	65.1

ESTACION: MISIONES

MUNICIPIO: MESITAS COLEGIO AÑO:

1.987

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	17.0	25.0	20.6	72.6	17.148	14.9	0.1	0.0	0.1	
2	17.4	27.0	22.8	57.2	15.553	13.6	0.0	0.0	0.0	1.0
3	17.0	22.4	19.0	83.3	18.916	16.6	4.9	0.0	4.9	1.3
4	16.8	22.0	19.6	79.8	18.051	15.9	0.0	0.0	0.0	
5	17.8	24.2	19.7	79.7	18.385	16.1	2.1	0.0	2.1	1.2
6	17.5	24.8	20.3	72.6	17.336	15.3	0.7	16.3	17.0	2.7
7	16.0	24.2	19.2	87.1	18.875	16.5	0.0	0.0	0.0	2.9
8	18.5	24.0	20.0	70.4	16.224	14.1	9.9	0.0	9.9	3.0
9	18.8	23.5	20.6	65.3	16.180	14.1	0.2	0.0	0.2	0.6
10	18.0	24.2	21.5	51.6	13.173	11.0	1.9	0.0	1.9	4.7
11	17.5	24.8	21.7	53.6	13.638	11.2	0.0	0.0	0.0	4.2
12	18.6	27.4	23.1	48.6	13.343	11.2	0.0	0.0	0.0	6.5
13	18.8	28.8	24.0	50.2	14.973	12.9	0.0	14.0	14.0	5.9
14	16.0	26.0	20.9	67.4	16.264	14.3	0.3	5.2	5.5	3.4
15	15.5	25.5	19.9	67.9	15.574	13.6	2.1	3.8	5.9	2.0
16	17.8	25.4	21.3	66.3	16.657	14.7	0.4	0.0	0.4	3.1
17	16.0	26.4	20.8	65.0	15.532	13.5	0.0	0.0	0.0	4.2
18	18.0	26.5	22.0	55.2	14.422	12.4	0.0	0.0	0.0	6.8
19	17.5	24.4	22.3	55.2	14.699	12.5	0.0	0.0	0.0	4.4
20	18.4	26.4	20.4	69.7	16.810	14.7	0.0	0.4	0.4	3.1
21	18.0	24.5	20.0	68.9	16.235	14.2	0.3	0.0	0.3	4.1
22	16.0	20.5	17.7	83.1	16.902	14.8	0.1	0.0	0.1	0.0
23	16.8	20.8	18.0	80.9	16.453	14.4	9.0	0.0	9.0	0.0
24	16.5	25.0	20.6	59.2	14.499	12.3	0.2	0.0	0.2	3.0
25	16.5	22.5	19.5	70.8	16.579	14.5	3.2	0.0	3.2	0.6
26	15.8	24.4	20.8	58.3	14.413	12.4	0.0	0.0	0.0	3.1
27	18.5	25.6	22.4	59.1	15.921	13.9	1.5	0.0	1.5	2.3
28	18.8	27.0	21.6	57.9	15.447	13.4	0.0	0.8	0.8	5.5
29	17.5	28.0	21.1	67.0	16.912	14.8	0.0	38.1	38.1	7.0
30	15.1	20.5	16.8	82.7	15.803	13.8	17.1	0.0	17.1	0.0
PROM.	17.3	24.7	20.6	66.9	16.031	13.9	54.0	78.6	132.6	

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	24.8	19.7	72.4	16.523	14.5	0.0	12.0	12.0	3.3
2	16.2	22.5	18.7	88.1	19.048	16.7	8.1	0.7	8.8	1.4
3	16.4	23.0	19.0	78.9	17.682	15.5	33.6	3.0	36.6	0.5
4	16.5	24.5	19.2	83.0	18.597	16.3	0.0	4.0	4.0	0.9
5	16.8	23.0	19.3	77.4	17.341	15.3	2.7	0.8	3.5	0.3
6	17.0	24.5	19.5	70.2	16.114	14.1	1.5	0.0	1.5	1.9
7	17.5	23.0	18.5	73.2	15.572	13.5	3.0	0.0	3.0	1.2
8	17.3	22.2	19.1	74.0	16.918	14.8	12.0	0.0	12.0	0.1
9	15.0	23.5	18.7	80.4	17.644	15.5	10.2	0.0	10.2	2.6
10	15.6	21.5	19.0	71.5	15.525	13.5	3.2	0.0	3.2	1.6
11	17.5	25.2	20.4	65.6	15.901	13.9	0.0	0.0	0.0	3.0
12	17.0	24.0	19.5	73.4	17.031	15.0	8.5	0.0	8.5	1.3
13	17.4	25.4	20.6	78.8	19.120	16.7	0.0	38.0	38.0	3.6
14	15.5	20.5	18.0	82.0	17.106	15.0	0.5	0.0	0.5	0.0
15	16.8	25.2	21.0	62.4	15.395	13.2	0.0	0.6	0.6	3.2
16	16.5	23.0	19.9	78.9	18.436	16.2	0.0	7.7	7.7	2.2
17	15.0	24.5	20.0	80.0	18.873	16.6	28.8	1.7	30.5	1.5
18	16.8	22.0	18.4	89.6	19.139	16.8	2.6	0.0	2.6	0.7
19	16.0	23.8	19.5	79.5	18.296	16.1	0.0	0.0	0.0	1.4
20	17.0	24.0	19.9	76.2	18.074	15.8	3.2	0.0	3.2	1.2
21	16.5	24.6	20.1	75.1	17.685	15.5	0.1	0.0	0.1	5.6
22	17.5	22.8	19.5	75.5	17.282	14.5	0.0	0.0	0.0	0.9
23	16.5	22.0	18.8	78.2	16.816	14.7	1.5	0.0	1.5	0.9
24	16.8	23.4	19.8	71.2	16.853	14.7	1.0	0.0	1.0	1.5
25	17.0	22.0	19.4	77.0	17.402	15.3	0.0	9.9	9.9	0.5
26	16.8	23.5	19.9	80.2	18.649	16.4	0.0	0.0	0.0	1.5
27	17.0	22.5	19.6	79.1	17.986	15.8	1.6	12.4	14.0	1.8
28	14.5	18.3	17.2	81.5	15.330	13.2	8.8	0.0	8.8	0.0
29	16.5	23.4	18.5	83.5	18.189	16.0	3.3	0.5	3.8	0.9
30	16.4	21.5	18.0	81.4	16.727	14.7	1.5	0.0	1.5	0.2
31	16.5	24.4	19.3	82.5	18.710	16.4	1.4	8.1	9.5	3.1
PROM.	16.5	23.2	19.3	77.4	17.418	15.2	137.1	99.4	236.5	49.3

ESTACION: MISIONES

MUNICIPIO: MESITAS COLEGIO AÑO:

1.987

ALTITUD: 1.540

LATITUD: 4-34 N.

LONGITUD: 74-18 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	24.8	19.5	80.1	18.324	16.1	0.1	0.0	0.1	2.4
2	15.5	24.0	18.9	82.4	17.967	15.8	9.4	9.2	18.6	2.5
3	16.4	23.5	19.6	83.0	19.041	16.7	4.3	0.4	4.7	0.7
4	16.0	23.0	18.0	85.2	17.750	15.6	0.7	0.0	0.7	1.3
5	15.7	25.2	20.5	61.3	15.401	13.0	0.0	0.0	0.0	1.4
6	17.4	23.0	19.5	73.0	16.650	14.6	0.5	0.0	0.5	1.1
7	17.8	26.8	22.2	55.5	15.102	13.0	0.0	0.0	0.0	5.5
8	18.0	24.0	21.2	68.3	17.430	15.3	0.0	0.0	0.0	5.1
9	18.0	25.6	21.9	54.4	14.670	12.4	0.0	0.0	0.0	4.7
10	18.5	23.5	20.9	68.6	17.239	14.8	0.0	0.0	0.0	0.8
11	17.8	25.5	20.9	67.2	17.054	14.8	0.0	0.0	0.0	5.1
12	17.5	25.8	21.2	65.4	16.837	14.8	0.0	0.0	0.0	5.3
13	17.8	23.5	20.0	80.6	18.811	16.4	1.5	0.0	1.5	3.4
14	17.0	26.5	20.7	72.1	17.533	15.4	1.3	0.0	1.3	3.6
15	16.8	23.8	19.9	81.1	19.005	16.7	0.0	0.0	0.0	4.1
16	16.8	27.4	20.7	76.3	18.550	16.3	0.0	22.7	22.7	5.7
17	17.0	25.4	20.8	78.6	19.447	17.0	0.0	1.1	1.1	6.3
18	17.5	25.8	20.6	76.6	18.746	16.4	0.2	1.3	1.5	3.7
19	16.4	22.0	18.9	84.0	18.230	16.0	0.0	2.1	2.1	0.5
20	16.5	24.5	19.5	79.3	18.286	16.0	4.2	20.6	24.8	0.8
21	15.5	20.0	17.2	95.1	18.596	16.4	5.2	9.8	15.0	0.1
22	16.0	21.6	18.6	93.2	20.200	17.6	0.0	0.0	0.0	0.3
23	16.8	23.5	19.7	82.1	18.737	16.5	0.0	0.0	0.0	3.1
24	17.5	26.0	21.1	70.7	17.948	15.7	0.0	21.4	21.4	3.7
25	15.5	24.5	19.3	80.8	17.883	15.7	4.9	0.0	4.9	1.7
26	16.4	24.0	19.3	85.7	19.424	17.0	2.4	2.6	5.0	1.8
27	16.0	24.0	19.2	86.8	19.345	17.0	0.0	7.5	7.5	1.3
28	15.5	24.5	19.6	85.4	19.415	17.0	0.0	0.0	0.0	3.1
29	16.8	21.4	18.7	93.2	20.187	17.7	1.3	0.0	1.3	2.7
30	16.5	20.0	17.3	96.9	19.195	16.9	2.1	0.0	2.1	0.6
PROM.	16.8	24.1	19.8	78.1	18.100	15.8	38.1	98.7	136.8	82.4

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	23.5	17.9	90.0	18.710	16.4	24.6	3.9	28.5	2.5
2	15.5	21.4	17.6	89.5	17.913	15.7	12.9	0.0	12.9	0.8
3	15.8	24.8	19.5	81.2	18.466	16.1	0.0	0.0	0.0	5.2
4	16.0	25.5	20.0	71.1	16.833	14.8	0.0	0.0	0.0	6.4
5	16.0	22.8	18.8	93.3	20.111	17.6	0.0	4.8	4.8	0.9
6	16.0	24.0	19.9	82.3	19.208	16.9	0.0	32.9	32.9	3.6
7	15.5	23.0	19.0	85.6	18.841	16.5	0.0	0.0	0.0	
8	16.0	23.2	18.7	78.2	17.036	14.8				
9	17.0	24.0	19.7	74.0	17.271	15.1				
10	17.0	21.0	18.4	88.1	18.356	16.1				
11	16.5	23.0	18.6	81.7	17.593	15.4				
12	16.5	22.0	19.1	78.6	17.440	15.2				
13	17.0	24.0	19.8	80.9	18.913	16.6				
14	14.5	24.6	20.9	65.7	16.945	14.5	0.0	0.0	0.0	6.3
15	17.0	26.0	20.8	67.7	17.047	14.8	0.0	0.0	0.0	2.3
16	16.0	26.8	20.9	70.7	17.373	15.2	0.0	0.0	0.0	8.0
17	16.5	26.5	20.2	71.9	17.024	14.9	0.0	0.0	0.0	4.9
18	16.0	26.2	20.8	77.5	19.047	16.6	0.0	0.0	0.0	7.7
19	17.8	26.5	20.7	72.2	17.508	15.4	0.0	0.0	0.0	3.5
20	18.8	24.5	19.8	70.7	16.769	14.7	0.0	0.0	0.0	1.1
21	17.5	26.8	21.4	68.2	17.375	15.3	0.0	0.0	0.0	7.2
22	17.0	29.4	22.8	47.2	13.111	10.9	0.0	0.0	0.0	7.9
23	17.8	26.4	21.2	63.3	16.033	14.0	0.0	0.0	0.0	7.7
24	17.8	26.8	21.6	65.2	17.005	14.9	0.0	0.0	0.0	7.3
25	17.6	27.4	22.3	64.3	17.400	15.2	0.0	0.0	0.0	6.5
26	16.8	24.5	20.4	75.3	17.781	15.6	0.0	0.0	0.0	4.1
27	16.6	24.8	19.9	73.6	17.402	15.3	0.0	0.0	0.0	4.2
28	17.4	24.5	20.2	72.7	17.326	15.2	0.0	0.0	0.0	5.3
29	17.8	25.8	20.4	74.1	17.804	15.7	0.0	0.0	0.0	2.0
30	17.0	26.2	20.4	70.4	17.012	14.9	0.0	0.0	0.0	2.9
31	15.8	24.0	19.3	80.0	17.735	15.6	0.0	0.0	0.0	3.2
PROM.	16.6	24.8	20.0	75.0	17.561	15.4				

ESTACION: MISIONES

MUNICIPIO: MESITAS COLEGIO

AÑO: 1.987

ALTITUD: 1.540

LATITUD: 4-34 N.

LONGITUD 74-18 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	25.3	20.2	14.6	29.3	71.4	16.774	14.7	106.7	13	145.6
FEBRERO	17.0	25.3	20.8	14.6	29.5	69.2	16.746	14.6	43.9	12	101.1
MARZO	16.9	25.4	20.6	15.0	28.5	72.0	17.268	15.1	141.9	15	104.0
ABRIL	17.0	24.3	20.1	14.5	28.0	77.8	18.300	16.0	99.9	15	73.5
MAYO	17.1	24.2	20.1	15.5	27.4	75.7	17.835	15.6	222.9	24	75.7
JUNIO	17.1	24.4	20.2	14.8	27.8	70.0	16.492	14.4	23.7	17	62.2
JULIO	16.8	24.0	20.1	15.0	26.6	67.0	15.674	13.6	73.0	24	59.7
AGOSTO	17.0	24.4	20.5	15.0	27.4	64.8	15.534	13.4	40.7	20	65.1
SEPTIEMBRE	17.3	24.7	20.6	15.1	28.8	66.9	16.031	13.9	132.6	21	
OCTUBRE	16.5	23.2	19.3	14.5	25.4	77.4	17.418	15.2	236.5	27	49.3
NOVIEMBRE	16.8	24.1	19.8	15.5	27.4	78.1	18.100	15.8	136.8	19	82.4
DICIEMBRE	16.6	24.8	20.0	14.5	29.4	75.0	17.561	15.4			
PROMEDIO	16.9	24.5	20.2	14.9	28.0	72.1	16.978	14.8			
TOTAL											

ESTACION: GRANJA TIBACUY
 ALTITUD: 1.550

MUNICIPIO: TIBACUY
 LATITUD: 4-21 N.

AÑO: 1.987
 LONGITUD: 74-25 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	23.4	18.4	81.5	17.576	15.4	0.7	0.0	0.7	4.7
2	14.0	24.2	19.6	79.1	18.171	16.0	0.0	0.0	0.0	5.2
3	15.2	25.0	19.0	78.0	17.017	15.0	0.0	0.0	0.0	8.7
4	16.0	25.6	20.7	66.2	15.983	14.0	0.0	0.0	0.0	5.4
5	16.0	25.3	20.1	75.8	18.309	16.1	0.0	0.0	0.0	2.5
6	15.0	24.8	20.2	73.4	17.257	15.1	0.0	4.1	4.1	7.3
7	17.0	22.5	19.3	84.7	18.968	16.6	12.1	8.1	20.2	1.2
8	16.0	21.5	18.2	86.4	18.074	15.9	1.5	0.0	1.5	1.0
9	15.5	22.6	19.0	84.2	18.638	16.4	4.0	0.8	4.8	2.8
10	14.0	25.0	19.3	71.0	15.981	14.0	0.0	0.0	0.0	9.1
11	14.0	25.0	18.8	74.2	16.299	14.2	0.0	0.0	0.0	6.7
12	14.4	25.4	19.1	70.2	15.585	13.6	0.0	0.0	0.0	7.9
13	14.5	26.6	20.3	62.9	15.010	13.0	0.0	0.0	0.0	7.2
14	14.0	25.9	20.4	62.0	15.076	13.0	0.0	0.0	0.0	7.9
15	15.0	26.0	20.2	64.1	15.187	13.2	0.0	0.0	0.0	6.0
16	13.6	27.5	21.0	59.7	14.742	12.7	0.0	0.0	0.0	8.7
17	14.6	26.8	21.6	63.1	16.432	14.4	0.0	0.0	0.0	7.5
18	14.8	26.2	20.7	67.1	16.193	14.1	0.0	0.0	0.0	7.1
19	16.0	25.4	19.7	66.0	15.239	13.2	0.0	0.0	0.0	2.1
20	15.5	26.0	21.1	70.4	17.590	15.5	0.0	0.0	0.0	5.4
21	15.4	25.5	20.4	58.3	14.125	12.1	0.0	0.0	0.0	3.9
22	14.7	25.3	20.9	67.2	16.830	14.7	0.0	0.0	0.0	4.6
23	14.9	24.8	19.1	82.5	18.799	16.5	11.3	0.3	11.6	3.5
24	15.6	25.4	19.6	72.0	16.373	14.3	0.0	0.0	0.0	8.6
25	14.7	25.8	20.4	67.4	16.300	14.2	0.0	0.0	0.0	5.9
26	15.5	26.4	21.2	69.0	17.101	15.0	0.0	0.0	0.0	6.5
27	15.2	25.5	19.6	72.4	16.485	14.4	0.0	0.0	0.0	3.2
28	14.5	26.2	20.1	67.5	15.595	13.6	0.0	0.0	0.0	8.2
29	15.0	26.5	20.4	62.5	14.832	12.2	0.0	0.0	0.0	7.8
30	17.0	25.5	20.6	69.2	16.667	14.6	0.0	0.0	0.0	2.2
31	16.2	27.2	20.0	78.3	18.856	16.5	7.7	0.0	7.7	4.8
PROM.	15.1	25.3	20.0	71.2	16.622	14.5	37.3	13.3	50.6	174.2

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	25.5	19.6	74.5	16.968	14.9	0.0	0.0	0.0	7.2
2	14.2	26.0	20.2	64.3	14.971	12.9	0.0	0.0	0.0	5.6
3	16.4	26.5	20.8	72.0	17.187	15.1	0.0	0.0	0.0	4.4
4	16.8	27.2	21.3	63.5	15.979	13.9	0.0	0.0	0.0	5.7
5	16.3	27.5	20.7	59.3	14.267	12.2	0.0	0.0	0.0	7.4
6	16.0	26.0	20.3	62.2	14.605	12.6	0.0	0.0	0.0	6.9
7	15.0	26.8	20.9	61.7	14.941	13.0	0.0	0.0	0.0	6.5
8	16.0	25.5	19.9	67.0	15.499	13.5	0.0	0.0	0.0	4.2
9	15.4	26.4	21.0	67.3	17.027	15.0	0.0	5.7	5.7	3.6
10	16.9	22.8	18.6	88.1	19.072	16.7	0.7	0.0	0.7	2.0
11	16.0	22.5	18.8	84.4	18.403	16.2	0.0	0.0	0.0	0.5
12	16.4	26.2	19.8	70.5	16.237	14.2	0.5	0.0	0.5	1.6
13	16.2	23.0	18.7	82.0	17.731	15.6	0.3	0.2	0.5	1.0
14	16.3	19.6	18.4	85.6	17.921	15.8	3.9	0.0	3.9	1.4
15	15.0	25.6	20.1	72.3	16.659	14.6	0.0	1.7	1.7	4.9
16	16.4	27.4	21.5	68.9	17.133	15.0	0.0	0.0	0.0	5.5
17	16.5	26.2	20.8	67.1	16.254	14.2	0.0	0.9	0.9	5.2
18	17.3	24.5	19.4	80.6	18.262	16.1	0.1	0.0	0.1	2.4
19	16.0	25.3	21.9	69.1	17.957	15.8	0.0	0.0	0.0	5.9
20	16.2	26.8	21.2	71.1	17.792	15.6	0.0	0.0	0.0	8.8
21	15.0	27.0	20.5	63.1	14.885	12.9	0.0	0.0	0.0	3.3
22	15.5	26.6	20.9	67.5	16.797	14.8	0.0	0.0	0.0	8.0
23	16.0	28.3	21.3	56.0	14.048	12.0	0.0	0.0	0.0	10.0
24	15.5	27.6	21.8	63.6	16.622	14.6	0.0	0.0	0.0	7.2
25	16.4	25.8	20.1	69.0	16.204	14.2	0.0	0.0	0.0	3.6
26	17.0	28.8	22.3	63.7	16.796	14.7	0.0	0.0	0.0	5.9
27	16.0	28.0	22.0	69.1	17.787	15.6	0.0	0.0	0.0	2.4
28	16.4	28.5	22.7	57.2	15.477	13.5	0.0	0.0	0.0	7.4
PROM.	16.0	26.0	20.6	69.3	16.553	14.5	5.5	8.5	14.0	138.5

ESTACION: GRANJA TIBACUY
 ALTITUD: 1.550

MUNICIPIO: TIBACUY AÑO: 1.987
 LATITUD: 4-21 N. LONGITUD: 74-25 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	27.4	21.1	62.6	15.602	13.6	0.0	0.0	0.0	3.6
2	15.8	28.3	21.1	69.9	17.364	15.2	3.9	0.0	3.9	6.4
3	15.6	28.2	22.6	67.4	18.056	15.9	0.0	0.0	0.0	7.9
4	15.0	23.2	19.9	77.9	18.134	15.9	30.9	5.4	36.3	1.2
5	15.1	23.4	19.3	84.1	18.663	16.4	0.3	1.0	1.3	1.2
6	16.1	23.2	20.3	84.0	19.673	17.2	0.3	1.9	2.2	2.4
7	15.0	25.0	19.1	80.6	17.819	15.7	9.5	0.0	9.5	5.0
8	15.0	24.8	20.8	81.2	19.602	17.1	0.0	0.0	0.0	5.0
9	14.0	25.0	20.4	72.1	17.192	15.1	0.0	0.0	0.0	6.0
10	15.4	25.0	20.7	75.2	17.760	15.6	0.0	0.0	0.0	4.3
11	14.4	23.5	20.4	75.1	17.820	15.7	0.0	0.0	0.0	7.9
12	16.0	23.6	20.2	73.8	17.451	15.4	0.0	0.0	0.0	4.9
13	16.0	23.0	17.8	86.8	18.151	16.0	14.4	0.0	14.4	2.7
14	13.2	22.8	19.2	74.8	16.528	14.4	0.0	0.0	0.0	2.9
15	16.0	22.2	19.0	80.1	17.758	15.5	0.0	0.0	0.0	5.1
16	14.8	22.4	18.6	84.6	18.160	16.0	0.3	0.0	0.3	1.2
17	15.8	25.0	20.2	75.8	17.393	15.2	0.0	1.5	1.8	0.0
18	14.5	24.4	19.5	70.8	16.165	14.2	0.0	31.9	31.9	7.0
19	15.2	25.6	20.7	70.4	17.047	15.0	0.0	0.0	0.0	5.5
20	16.3	26.8	21.9	64.3	16.777	14.7	0.0	0.0	0.0	6.0
21	17.5	25.5	20.8	73.8	17.962	15.7	0.0	0.0	0.0	8.4
22	17.8	26.6	21.5	75.6	19.055	16.6	0.0	0.0	0.0	2.0
23	16.4	22.4	17.4	78.1	15.943	14.0	0.0	0.0	0.0	7.4
24	16.0	25.2	19.7	76.1	18.036	14.0	0.0	0.0	0.0	2.7
25	14.0	27.0	21.2	64.6	16.384	15.9	3.6	0.0	3.6	2.7
26	15.4	26.0	20.2	69.4	16.713	14.3	0.0	0.0	0.0	5.1
27	15.6	25.6	20.3	70.3	17.056	14.7	1.6	11.1	12.7	5.4
28	16.4	25.5	20.9	79.0	19.631	14.9	0.0	0.0	0.0	6.9
29	17.4	25.7	21.0	80.7	20.266	17.2	0.0	0.0	0.0	1.5
30	17.0	25.6	21.0	86.5	21.846	18.9	0.0	1.3	1.3	3.8
31	17.5	25.4	20.0	81.0	19.412	17.0	1.2	0.1	1.3	3.1
							0.8	0.0	0.8	3.8
PROM.	15.7	24.9	20.2	75.7	17.917	15.7	66.8	65.7	132.5	134.0

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	24.5	19.2	81.0	18.345	16.1	3.1	7.4	10.5	4.4
2	16.4	21.8	18.1	87.6	18.368	16.2	8.5	1.4	9.9	0.2
3	15.0	18.4	16.0	92.5	16.913	14.9	15.9	0.9	16.8	0.0
4	14.0	24.0	19.2	81.9	18.123	15.9	0.0	0.1	0.1	6.2
5	14.0	25.6	20.0	73.1	17.453	15.3	0.2	26.1	26.3	5.2
6	16.0	25.0	20.9	78.7	19.453	17.1	0.0	0.0	0.0	6.5
7	16.1	25.6	21.1	74.1	18.603	16.3	0.0	0.0	0.0	5.0
8	16.2	23.0	19.4	84.3	19.350	17.0	0.0	0.2	0.2	0.3
9	15.1	25.0	19.9	76.0	17.645	15.5	0.0	0.0	0.0	6.6
10	16.0	23.2	19.4	77.9	18.063	15.8	0.0	0.0	0.0	0.7
11	15.4	24.6	19.9	64.5	15.322	13.3	0.0	0.0	0.0	5.9
12	15.6	25.0	19.9	70.9	16.385	14.4	0.0	0.0	0.0	5.9
13	15.4	25.3	20.4	68.7	16.844	14.8	0.0	0.0	0.0	5.3
14	15.8	27.4	21.0	62.6	15.604	13.6	0.0	0.0	0.0	7.4
15	15.4	26.3	21.4	64.1	16.450	14.4	0.0	0.0	0.0	7.0
16	16.0	24.4	20.6	68.2	16.746	14.7	0.0	0.0	0.0	6.2
17	15.1	25.4	21.6	64.9	16.930	14.8	0.0	0.3	0.3	7.1
18	16.0	24.5	19.0	83.2	18.912	16.6	0.0	0.0	0.0	2.9
19	16.3	22.6	19.0	83.3	18.495	16.3	0.3	0.0	0.3	0.1
20	15.4	26.6	20.5	74.2	17.520	15.3	0.0	0.0	0.0	3.9
21	15.8	24.2	20.6	68.2	16.948	14.8	0.0	0.0	0.0	0.9
22	16.0	26.0	21.5	65.0	16.849	14.8	0.3	0.0	0.3	2.8
23	16.2	24.0	20.5	77.2	18.819	16.6	0.0	0.1	0.1	0.8
24	17.0	23.0	19.0	87.8	19.495	17.1	1.5	0.0	1.5	0.5
25	16.0	24.0	19.9	76.2	18.049	15.9	0.8	0.0	0.8	0.6
26	16.2	23.8	19.1	85.6	19.417	16.9	12.8	0.0	13.8	1.5
27	15.4	26.6	21.2	73.3	18.227	15.9	0.0	1.0	1.0	4.4
28	15.5	22.8	19.4	88.7	19.988	17.5	0.0	2.3	2.3	1.2
29	15.3	25.0	20.1	73.3	17.404	15.3	0.0	4.9	4.9	6.1
30	16.4	22.6	18.8	78.7	17.238	15.1	0.0	0.0	0.0	0.7
PROM	15.7	24.4	19.9	76.2	17.799	15.6	43.4	46.5	89.9	107.1

ESTACION: GRANJA TIBACUY

MUNICIPIO: TIBACUY

AÑO: 1.987

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	15.3	19.2	16.7	89.4	17.166	15.1	2.3	0.0	2.3	0.5
2	15.6	24.2	19.9	66.3	15.575	13.5	0.0	0.0	0.0	6.3
3	15.4	25.6	20.8	71.0	17.736	15.5	0.0	25.0	25.0	5.5
4	14.8	23.5	20.0	78.1	18.376	16.2	0.0	1.3	1.3	6.4
5	15.6	23.0	19.4	78.1	17.941	15.7	1.5	3.7	5.2	4.1
6	14.4	23.4	19.5	79.3	17.935	15.8	0.0	1.0	1.0	4.8
7	16.0	23.8	19.1	78.5	17.280	15.2	23.6	0.0	23.6	2.5
8	15.6	24.4	20.3	77.1	18.737	16.5	0.0	0.0	0.0	8.0
9	16.4	26.0	20.8	71.2	17.136	14.9	0.0	0.8	0.8	6.2
10	16.0	22.4	18.8	84.5	18.457	16.1	0.0	0.0	0.0	2.3
11	16.1	25.3	20.4	71.6	17.388	15.3	0.0	0.0	0.0	5.1
12	16.0	24.0	19.5	81.6	18.927	16.6	0.9	0.1	1.0	1.7
13	15.5	25.0	20.2	81.8	19.156	16.8	0.0	0.0	0.0	4.4
14	16.0	24.5	19.4	73.3	17.067	14.9	2.9	0.0	2.9	4.4
15	15.7	25.5	20.9	68.1	17.106	15.1	0.0	0.0	0.0	6.7
16	17.0	22.8	20.2	74.7	17.802	15.7	0.0	19.8	19.8	1.8
17	16.4	23.5	19.5	81.5	18.556	16.3	0.1	0.0	0.1	3.0
18	16.0	26.0	20.3	75.8	18.219	16.0	0.0	0.0	0.0	9.8
19	16.0	25.4	21.0	64.7	16.623	14.6	0.0	0.2	0.2	7.9
20	16.0	25.0	19.5	77.6	17.944	15.7	1.2	0.0	1.2	4.8
21	15.0	24.0	19.2	79.8	17.953	15.7	0.1	0.0	0.1	2.1
22	15.6	23.5	19.2	85.4	19.454	17.1	3.6	5.2	8.8	3.3
23	16.0	23.4	18.6	87.9	18.849	16.6	0.0	9.2	9.2	4.5
24	15.3	22.4	18.7	84.4	18.111	15.9	0.1	1.1	1.2	2.5
25	14.1	23.7	20.3	71.5	17.393	15.3	0.0	0.0	0.0	6.3
26	16.0	24.6	20.1	82.9	19.259	16.8	2.3	33.0	35.3	2.2
27	15.3	23.0	18.7	84.5	18.567	16.3	0.2	0.0	0.2	3.0
28	14.2	26.0	20.5	66.7	15.973	13.9	0.0	0.0	0.0	10.4
29	14.4	26.1	20.9	67.2	16.582	14.5	0.0	0.0	0.0	9.5
30	15.3	26.3	20.5	74.9	18.072	15.9	0.0	0.0	0.0	7.9
31	16.5	25.7	20.6	73.0	17.808	15.7	0.0	0.0	0.0	7.1
PROM.	15.6	24.2	19.8	76.9	17.843	15.7	38.8	100.4	139.2	155.0

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.2	22.4	19.0	77.0	16.984	15.0	0.0	0.0	0.0	1.3
2	15.0	25.4	21.4	74.7	19.021	16.7	0.0	0.0	0.0	7.0
3	16.0	25.5	19.8	71.6	16.748	14.7	0.0	0.0	0.0	6.9
4	15.0	24.0	19.1	83.5	18.671	16.4	0.0	0.0	0.0	2.3
5	16.5	24.6	18.4	82.1	17.774	15.6	0.0	0.6	0.6	1.0
6	15.4	21.7	18.1	91.5	19.011	16.7	0.3	0.0	0.3	0.5
7	15.0	25.0	19.9	75.2	17.921	15.7	0.0	0.0	0.0	8.3
8	15.7	26.8	20.9	76.4	18.852	16.6	0.0	0.3	0.3	5.3
9	16.4	25.0	19.4	78.0	17.672	15.5	0.0	0.0	0.0	3.9
10	15.0	25.3	21.0	67.3	16.511	14.5	0.0	0.0	0.0	8.0
11	16.2	24.2	19.1	81.5	18.235	16.1	0.6	0.0	0.6	0.7
12	15.0	27.0	21.0	68.6	16.831	14.8	0.0	0.0	0.0	8.4
13	17.3	26.4	20.0	75.3	17.606	15.5	0.0	3.7	3.7	4.1
14	17.0	24.0	19.2	83.8	18.757	16.5	0.0	0.0	0.0	1.9
15	16.0	24.2	19.9	72.9	16.959	14.9	0.0	0.0	0.0	5.3
16	16.2	26.0	20.5	77.5	18.822	16.6	0.0	0.0	0.0	6.1
17	14.2	27.1	20.1	73.8	16.992	14.9	0.0	0.2	0.2	8.6
18	16.3	26.3	20.1	70.6	16.743	14.7	0.0	0.0	0.0	5.9
19	15.0	26.0	20.7	70.7	17.505	15.4	0.0	0.0	0.0	5.8
20	15.4	25.4	19.9	72.4	16.791	14.7	0.0	0.0	0.0	4.2
21	15.2	25.9	20.4	71.3	16.822	14.7	0.0	0.0	0.0	2.1
22	16.2	27.0	21.2	66.0	16.380	14.4	0.0	0.0	0.0	6.1
23	17.4	24.8	20.4	78.5	19.129	16.8	0.0	5.3	5.3	3.2
24	15.4	23.8	19.1	84.5	18.602	16.4	0.0	0.0	0.0	2.9
25	16.0	22.8	18.8	86.7	18.955	16.6	0.0	0.0	0.0	2.8
26	14.4	24.9	19.1	75.5	16.561	14.4	0.6	0.0	0.6	4.0
27	13.8	24.0	19.1	68.7	14.855	12.9	0.0	0.0	0.0	5.5
28	14.0	26.6	19.6	62.5	14.196	12.2	0.0	0.0	0.0	7.2
29	15.4	25.0	20.0	64.0	14.882	12.9	0.0	0.0	0.0	3.8
30	14.9	24.8	20.3	70.2	16.767	14.7	0.0	0.0	0.0	3.8
PROM.	15.6	25.1	19.9	75.1	17.385	15.3	1.5	10.1	11.6	136.9

ESTACION: GRANJA TIBACUY

MUNICIPIO: TIBACUY

AÑO: 1.987

ALTITUD: 1.550

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	16.4	25.2	20.7	66.5	16.211	14.2	0.0	0.0	0.0	3.0
2	15.6	26.8	20.4	61.4	14.799	12.8	0.0	5.0	5.0	5.5
3	14.7	26.6	19.1	71.5	15.215	13.2	0.0	0.5	0.5	6.3
4	16.0	21.9	18.2	90.5	19.398	17.0	4.6	0.0	4.6	0.7
5	15.1	21.2	17.7	86.8	17.840	15.7	2.3	0.0	2.3	0.4
6	14.2	24.0	19.3	67.7	14.902	12.8	0.0	0.0	0.0	3.7
7	14.9	26.8	21.1	66.7	16.323	14.2	0.0	0.0	0.0	5.1
8	16.0	25.0	20.9	69.9	17.318	15.2	0.0	0.0	0.0	2.9
9	17.1	26.0	21.6	68.2	17.575	15.4	0.0	11.8	11.8	3.8
10	16.0	22.2	18.2	84.1	17.837	15.7	0.4	0.0	0.4	1.1
11	16.4	24.0	19.7	67.8	15.405	13.3	0.0	0.0	0.0	1.8
12	15.5	25.0	19.8	74.1	16.890	14.8	0.8	0.0	0.8	3.6
13	16.3	27.2	20.8	63.0	14.920	12.8	0.0	0.4	0.4	9.4
14	17.0	24.5	20.5	70.5	16.890	14.8	0.2	0.1	0.3	4.2
15	16.4	25.0	20.6	74.2	17.449	15.2	0.0	0.0	0.0	3.9
16	15.3	26.0	20.7	60.5	14.572	12.6	0.0	0.4	0.4	4.6
17	16.2	24.3	20.1	70.7	16.324	14.3	0.0	0.0	0.0	
18	17.0	23.0	19.6	71.4	16.418	14.4	0.6	0.0	0.6	6.8
19	16.3	24.6	19.5	73.3	16.476	14.4	0.0	0.0	0.0	
20	16.0	26.5	21.1	59.9	14.670	12.6	0.0	0.0	0.0	3.4
21	16.0	26.7	21.0	66.5	16.006	13.9	0.0	0.0	0.0	5.4
22	16.0	26.4	21.1	65.2	16.159	14.1	0.0	0.0	0.0	7.1
23	16.1	25.8	20.9	75.1	18.765	16.5	0.0	0.2	0.2	4.9
24	16.5	26.3	20.7	75.8	18.292	16.0	0.6	1.6	2.2	2.8
25	15.5	25.6	19.3	83.7	18.419	16.2	0.1	0.4	0.5	2.9
26	16.0	24.4	20.0	74.3	17.014	14.9	0.0	0.8	0.8	1.0
27	15.5	22.2	18.6	80.8	17.732	15.5	0.0	0.0	0.0	0.3
28	14.5	25.0	19.5	70.3	15.984	14.0	7.7	0.1	7.8	7.5
29	15.0	24.8	20.2	68.3	16.334	14.3	0.0	0.0	0.0	0.0
30	16.0	24.0	19.3	77.5	17.182	15.1	0.0	0.0	0.0	3.2
31	16.0	23.0	19.7	71.4	16.044	14.0	0.0	7.6	7.6	2.1
PROM.	15.9	24.8	20.0	71.9	16.625	14.5	17.3	28.9	46.2	

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	20.8	17.2	87.9	17.424	15.4	0.4	0.0	0.4	0.2
2	15.2	22.5	18.1	84.2	17.592	15.5	10.4	0.0	10.4	1.7
3	14.0	22.7	18.9	81.8	17.716	15.6	1.1	0.0	1.1	2.7
4	15.0	26.4	21.1	62.7	15.765	13.8	0.0	0.0	0.0	8.4
5	15.3	25.4	20.5	63.6	15.635	13.6	0.0	0.0	0.0	5.5
6	16.3	22.6	18.3	81.5	17.332	15.2	3.1	0.0	3.1	1.9
7	15.0	25.1	19.9	69.0	16.268	14.3	0.0	0.0	0.0	5.0
8	16.2	25.5	20.2	69.1	16.538	14.5	0.0	0.0	0.0	2.9
9	15.4	25.0	19.6	68.0	15.470	13.4	0.0	0.7	0.7	5.8
10	16.2	24.0	19.5	83.5	19.081	16.8	0.0	0.0	0.0	3.6
11	16.0	25.6	19.1	74.8	16.546	14.5	3.4	0.3	3.7	3.8
12	15.8	24.6	19.3	73.9	16.509	14.4	0.0	0.1	0.1	6.0
13	14.4	25.4	20.2	69.2	16.203	14.1	0.0	0.0	0.0	5.1
14	16.0	25.6	20.3	65.0	15.708	13.5	0.0	0.0	0.0	6.4
15	17.0	27.3	20.9	60.5	15.140	13.2	0.0	0.0	0.0	6.4
16	17.5	23.1	19.5	74.7	17.326	15.3	0.0	0.0	0.0	7.5
17	16.4	23.3	19.3	71.7	16.107	14.1	0.1	0.0	0.1	0.2
18	16.6	26.0	21.5	62.1	15.618	13.5	0.0	0.0	0.0	0.1
19	15.8	25.4	21.0	68.2	17.005	14.9	0.0	0.0	0.0	2.6
20	15.0	25.6	20.6	66.6	16.146	14.1	0.0	0.0	0.0	4.0
21	14.9	25.8	20.9	67.0	16.599	14.6	0.0	0.0	0.0	5.1
22	14.9	26.4	20.6	67.6	16.581	14.5	0.4	0.0	0.4	4.9
23	15.8	25.8	21.1	67.7	16.749	14.7	0.0	0.0	0.0	2.0
24	16.7	25.4	20.5	64.6	15.583	13.6	0.0	0.3	0.3	1.7
25	16.0	25.1	19.7	64.7	14.855	12.8	0.0	0.0	0.0	2.9
26	15.4	25.6	21.2	62.5	15.735	13.7	0.0	1.3	1.3	4.3
27	15.0	22.6	18.2	75.5	15.921	13.9	0.2	0.0	0.2	0.8
28	15.4	25.6	19.9	73.9	17.069	15.0	0.9	0.0	0.9	4.2
29	15.7	25.4	19.4	72.1	16.767	14.7	1.5	0.0	1.5	3.5
30	16.2	24.6	20.8	67.4	16.746	14.7	0.0	0.2	0.2	3.0
31	16.0	25.0	19.1	70.2	15.753	13.8	0.0	0.0	0.0	1.8
PROM.	15.7	24.8	19.9	70.7	16.435	14.4	21.5	2.9	24.4	114.0

ESTACION: GRANJA TIBACUY

MUNICIPIO: TIBACUY

AÑO: 1.987

ALTITUD: 1.550

LATITUD: 4-21 N.

LONGITUD: 74-25 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	25.0	20.9	59.6	14.816	12.8	0.0	0.0	0.0	2.8
2	15.0	26.4	21.2	58.1	14.544	12.6	0.0	0.0	0.0	5.9
3	15.8	22.8	19.5	68.1	15.960	14.0	0.9	0.5	1.4	0.1
4	15.5	22.5	18.9	78.5	17.313	15.2	0.0	7.9	7.9	0.9
5	15.6	24.0	18.7	79.6	17.300	15.2	0.0	0.0	0.0	2.3
6	15.0	25.5	21.2	61.4	15.862	13.8	0.0	2.2	2.2	3.3
7	15.6	26.5	20.8	67.9	16.409	14.4	0.0	0.0	0.0	9.2
8	18.0	24.6	20.6	74.7	18.428	16.2	0.0	0.3	0.3	2.8
9	16.5	24.3	19.6	73.6	16.953	14.9	0.1	0.0	0.1	0.8
10	15.5	26.4	20.9	62.4	15.540	13.5	0.0	0.0	0.0	5.8
11	14.2	26.6	21.1	60.2	14.846	12.9	0.0	0.0	0.0	4.2
12	16.6	27.5	22.2	58.0	15.411	13.4	0.0	0.0	0.0	6.5
13	16.4	29.0	23.4	55.8	15.818	13.8	0.0	44.8	44.8	8.2
14	16.0	24.5	20.9	75.4	18.654	16.4	0.0	0.5	0.5	0.2
15	16.4	25.0	20.0	77.6	18.269	16.0	6.2	0.0	6.2	3.2
16	16.5	25.8	21.1	68.1	16.888	14.9	0.0	0.0	0.0	4.2
17	16.0	25.2	19.6	74.0	17.096	15.0	0.0	0.0	0.0	3.8
18	15.5	27.2	21.7	54.8	14.450	12.4	0.0	0.0	0.0	8.4
19	15.4	25.5	19.5	66.8	15.777	13.6	1.2	0.0	1.2	4.7
20	16.4	24.8	20.1	63.4	15.028	13.1	2.0	0.3	2.3	4.4
21	16.0	23.8	19.1	73.3	16.648	14.6	0.0	0.0	0.0	4.2
22	15.0	24.0	19.2	69.1	15.697	13.7	0.0	0.0	0.0	0.4
23	15.8	21.8	18.1	89.9	19.026	16.7	0.8	0.0	0.8	0.0
24	15.0	25.0	20.7	68.4	16.595	14.5	0.0	0.0	0.0	3.7
25	16.5	22.0	18.2	85.3	18.394	16.1	1.4	0.0	1.4	0.4
26	14.5	23.6	20.0	68.7	16.069	14.1	0.0	0.0	0.0	1.9
27	16.0	24.8	21.7	67.2	17.539	15.4	0.0	0.0	0.0	6.5
28	16.4	27.2	21.5	68.0	17.152	15.0	0.0	0.1	0.1	5.8
29	16.4	27.6	21.7	63.6	16.791	14.8	0.0	33.8	33.8	5.7
30	15.8	22.3	17.9	90.6	18.723	16.5	6.3	0.0	6.3	0.0
PROM.	15.8	25.0	20.3	69.4	16.600	14.5	18.9	90.4	109.3	110.6

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	24.4	20.1	74.9	17.711	15.5	0.2	21.3	21.5	6.5
2	15.5	22.0	18.6	81.5	17.321	15.2	8.1	0.0	8.1	2.6
3	16.0	20.8	18.4	88.2	18.970	16.7	1.4	0.6	2.0	0.4
4	15.6	23.4	19.2	83.8	18.479	16.3	0.4	3.5	3.9	2.2
5	16.2	23.2	19.0	89.1	19.584	17.2	8.5	0.4	8.9	1.7
6	16.3	22.4	19.2	81.5	18.268	16.1	0.0	0.0	0.0	2.0
7	16.0	22.5	18.6	84.2	18.275	16.1	0.0	0.0	0.0	1.4
8	16.0	24.2	19.1	78.0	17.580	15.5	0.2	0.0	0.2	1.8
9	15.0	21.5	17.7	86.9	18.122	15.9	4.9	0.0	4.9	0.5
10	14.5	24.0	19.9	73.6	17.100	15.0	0.0	0.0	0.0	8.0
11	15.4	24.6	20.1	70.9	16.631	14.5	0.0	0.0	0.0	2.6
12	15.2	25.4	20.9	64.5	16.185	14.1	0.0	0.0	0.0	5.9
13	15.1	24.5	20.3	78.8	19.210	16.9	2.8	35.2	38.0	3.7
14	15.4	21.7	18.0	90.9	18.971	16.6	0.0	0.0	0.0	0.1
15	15.0	25.0	20.9	71.9	17.782	15.6	0.0	12.4	12.4	4.7
16	15.5	23.7	19.7	82.6	19.292	17.0	0.0	0.0	0.0	1.3
17	16.4	21.2	19.0	88.6	19.698	17.2	4.2	3.8	8.0	0.1
18	16.6	20.1	18.0	94.1	19.636	17.2	0.4	0.0	0.4	0.1
19	15.5	23.6	19.8	82.3	19.419	17.0	0.0	0.0	0.0	1.4
20	16.0	24.2	19.8	76.3	17.884	15.6	0.0	0.0	0.0	6.0
21	15.5	23.8	20.2	76.6	18.544	16.3	0.0	0.0	0.0	6.3
22	16.4	23.7	20.7	78.5	19.308	16.9	0.0	0.0	0.0	1.4
23	15.7	21.8	18.0	77.4	16.914	14.7	0.0	0.0	0.0	2.1
24	16.0	22.7	19.5	76.1	17.582	15.5	2.3	0.0	2.3	4.7
25	15.5	23.0	19.0	88.7	19.652	17.2	1.1	0.0	1.1	3.2
26	16.4	24.3	20.7	82.0	19.996	17.5	0.0	0.0	0.0	4.6
27	16.2	24.8	20.5	74.2	18.082	15.9	0.0	4.3	4.3	4.6
28	15.5	19.8	17.2	89.7	17.445	15.3	2.8	0.0	2.8	0.1
29	15.2	21.2	17.8	84.5	17.551	15.4	3.3	0.0	3.3	0.1
30	15.4	20.4	18.3	82.3	17.558	15.4	0.6	0.0	0.6	0.1
31	15.0	24.6	19.8	81.2	18.895	16.6	2.2	13.5	15.7	5.0
PROM.	15.6	23.0	19.3	81.1	18.311	16.1	43.4	95.0	138.4	85.2

ESTACION: GRANJA TIBACUY
 ALTITUD: 1.550

MUNICIPIO: TIBACUY
 LATITUD: 4-21 N.

AÑO: 1.987
 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	15.8	22.5	18.4	86.0	18.520	16.3	13.1	0.0	13.1	4.1
2	14.5	23.0	19.5	79.4	18.215	16.0	5.9	1.7	7.6	4.7
3	16.8	22.4	19.3	88.7	20.032	17.5	2.5	0.2	2.7	1.2
4	16.4	22.5	18.6	80.3	17.763	15.6	0.0	0.0	0.0	5.1
5	14.8	22.7	19.4	80.9	18.587	16.3	0.0	0.0	0.0	1.7
6	15.4	23.3	19.2	78.5	17.394	15.3	0.0	0.0	0.0	2.2
7	16.0	25.4	20.5	78.5	19.346	17.0	0.0	0.0	0.0	7.7
8	14.5	24.6	21.0	68.3	17.337	15.2	0.0	0.0	0.0	6.6
9	15.0	25.5	21.1	64.0	16.457	14.4	0.0	0.0	0.0	7.5
10	15.4	24.0	19.9	79.9	18.915	16.6	0.0	0.0	0.0	1.9
11	15.5	24.4	20.5	74.5	18.337	16.1	0.0	0.0	0.0	7.1
12	15.0	26.5	21.8	68.1	18.129	15.9	0.0	0.0	0.0	7.0
13	16.0	24.8	19.9	74.5	17.752	15.5	0.0	0.0	0.0	4.1
14	15.5	25.4	21.2	73.8	18.964	16.6	0.0	0.0	0.0	7.5
15	16.0	24.2	20.1	79.7	18.951	16.6	0.0	0.0	0.0	7.6
16	15.5	26.0	21.3	67.9	17.510	15.3	0.0	8.5	8.5	6.9
17	17.0	25.5	21.1	73.1	18.749	16.5	0.6	0.0	0.6	5.9
18	16.8	24.5	21.0	75.0	19.124	16.8	0.8	21.7	22.5	4.6
19	15.5	23.0	19.0	89.0	19.837	17.4	0.0	28.3	28.3	3.2
20	15.4	23.5	18.6	94.9	20.791	18.1	2.5	18.4	20.9	1.7
21	16.0	19.2	17.3	96.0	19.199	16.8	7.1	0.0	7.1	0.0
22	16.1	22.0	18.7	92.4	19.915	17.4	6.2	0.0	6.2	4.5
23	16.5	24.5	20.1	72.5	17.468	15.4	0.0	0.2	0.2	7.5
24	16.3	25.0	21.1	71.9	18.417	16.1	0.0	0.5	0.5	6.5
25	16.0	23.6	18.8	84.9	18.655	16.4	4.1	0.6	4.7	2.0
26	15.7	23.5	19.1	88.0	19.779	17.3	6.5	3.2	9.7	2.4
27	15.5	22.8	19.4	88.4	19.860	17.4	0.0	2.7	2.7	5.3
28	16.3	23.2	19.9	87.0	20.243	17.7	0.5	0.0	0.5	4.2
29	16.8	23.4	19.0	92.7	20.737	18.1	0.0	0.2	0.2	1.9
30	15.6	20.0	17.9	94.1	15.674	17.2	17.4	0.0	17.4	0.0
PROM.	15.8	23.7	19.8	80.8	18.822	16.5	67.2	86.2	153.4	132.6

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.2	22.0	18.3	93.6	20.038	17.5	2.4	1.3	3.7	1.5
2	16.0	20.5	17.3	94.6	18.874	16.6	7.5	0.0	7.5	1.4
3	14.5	24.5	19.5	76.2	17.689	15.5	0.0	0.0	0.0	8.0
4	15.0	24.5	19.4	71.6	16.625	14.6	2.6	0.0	2.6	5.3
5	15.0	23.5	18.6	87.4	18.987	16.7	0.0	41.4	41.4	3.1
6	15.1	24.5	19.4	81.8	18.350	16.1	0.0	24.8	24.8	7.9
7	16.0	22.2	18.5	84.4	17.887	15.7	0.5	0.0	0.5	8.1
8	14.3	23.1	19.2	73.5	16.854	14.7	0.0	0.0	0.0	5.7
9	14.6	25.0	20.3	73.0	17.882	15.7	0.0	0.0	0.0	8.1
10	15.3	22.5	19.2	78.0	17.570	15.3	0.0	0.0	0.0	1.9
11	15.0	22.5	18.3	85.9	18.591	16.3	1.4	0.0	1.4	3.3
12	14.5	23.5	19.3	76.2	17.382	15.2	0.0	0.0	0.0	2.4
13	15.2	24.8	19.9	77.4	18.127	15.9	0.0	0.0	0.0	3.3
14	15.0	25.0	19.3	78.3	17.788	15.5	0.0	0.0	0.0	2.9
15	14.6	24.5	19.7	76.6	17.635	15.5	0.0	0.0	0.0	7.2
16	14.6	25.0	19.9	74.2	17.396	15.3	0.0	0.0	0.0	8.7
17	14.0	25.6	19.4	63.4	14.584	12.4	0.0	0.0	0.0	8.4
18	13.0	25.5	19.7	69.2	15.699	13.7	0.0	0.0	0.0	7.5
19	17.0	23.0	19.7	76.8	17.618	15.5	0.0	0.0	0.0	1.6
20	17.0	23.4	19.4	83.7	19.133	16.8	0.0	0.0	0.0	1.8
21	14.8	24.6	20.1	61.3	14.905	12.9	0.0	0.0	0.0	6.6
22	13.5	26.5	20.4	51.2	12.474	10.2	0.0	0.0	0.0	9.3
23	15.5	26.5	21.2	59.1	15.390	13.3	0.0	0.0	0.0	9.7
24	14.4	25.6	20.6	64.6	16.192	14.2	0.0	0.0	0.0	9.7
25	14.8	26.0	20.8	61.6	15.538	13.6	0.0	0.0	0.0	5.7
26	15.3	26.5	21.2	63.0	15.846	13.9	0.0	0.0	0.0	8.2
27	14.3	25.4	20.5	66.6	16.598	14.5	0.0	0.0	0.0	7.7
28	14.5	25.5	20.9	69.5	17.495	15.3	0.0	0.0	0.0	6.4
29	16.5	25.0	19.8	73.6	17.522	15.4	0.0	0.0	0.0	4.3
30	14.6	25.0	20.0	72.9	17.466	15.3	0.0	0.0	0.0	5.2
31	16.0	25.0	20.6	76.8	18.460	16.2	0.0	0.0	0.0	5.6
PROM.	15.0	24.4	19.7	74.1	17.180	15.0	14.4	67.5	81.9	176.9

ESTACION: GRANJA TIBACUY

MUNICIPIO TIBACUY

AÑO 1.987

ALTITUD: 1.550

LATITUD: 4-21 N.

LONGITUD 74-25 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.1	25.3	20.0	13.6	27.5	71.2	16.622	14.5	50.6	7	174.2
FEBRERO	16.0	26.0	20.6	14.2	28.8	69.3	16.553	14.5	14.0	8	138.5
MARZO	15.7	24.9	20.2	13.2	28.3	75.7	17.917	15.7	132.5	14	134.0
ABRIL	15.7	24.4	19.9	14.0	27.4	76.2	17.799	15.6	89.9	16	107.1
MAYO	15.6	24.2	19.8	14.1	26.3	76.9	17.843	15.7	139.2	19	155.0
JUNIO	15.6	25.1	19.9	13.8	27.1	75.1	17.385	15.3	11.6	8	136.9
JULIO	15.9	24.8	20.0	14.2	27.2	71.9	16.625	14.5	46.2	17	
AGOSTO	15.7	24.8	19.9	14.0	27.3	70.7	16.435	14.4	24.4	15	114.0
SEPTIEMBRE	15.8	25.0	20.3	14.2	29.0	69.4	16.600	14.5	109.3	15	110.6
OCTUBRE	15.6	23.0	19.3	14.5	25.4	81.1	18.311	16.1	138.4	18	65.2
NOVIEMBRE	15.8	23.7	19.8	14.5	26.5	80.8	18.822	16.5	153.4	18	132.6
DICIEMBRE	15.0	24.4	19.7	13.0	26.5	74.1	17.180	15.0	81.9	7	176.9
PROMEDIO	15.6	24.6	20.0	13.9	27.3	74.4	17.341	15.2			
TOTAL									991.4	162	

ESTACION: JORGE VILLAMIL

MUNICIPIO: GIGANTE

AÑO: 1.987

ALTITUD: 1.500

LATITUD: 2-22 N.

LONGITUD: 75-33 W.

M E S - ENEFO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	25.5	20.2	75.0	17.911	15.8	1.3	0.0	1.3	2.7
2	16.0	24.8	20.0	74.5	17.202	15.1	0.0	0.0	0.0	2.0
3	15.5	26.4	20.5	67.2	15.887	13.9	0.0	0.0	0.0	1.9
4	15.0	25.8	21.9	61.3	15.786	13.8	0.0	0.0	0.0	4.4
5	16.5	26.5	21.2	66.5	16.621	14.6	0.0	0.0	0.0	3.2
6	15.0	24.5	20.0	81.8	18.960	16.6	0.0	12.5	12.5	0.7
7	17.5	20.0	18.4	94.7	19.953	17.5	0.0	0.0	0.0	0.0
8	16.6	22.5	19.1	92.8	20.424	17.8	0.0	0.3	0.3	0.7
9	16.0	20.5	18.6	94.7	20.143	17.6	3.5	0.8	4.3	0.0
10	15.5	26.6	20.4	75.1	17.434	15.3	0.0	0.0	0.0	4.3
11	16.0	26.5	21.2	65.9	16.234	14.2	0.7	0.0	0.7	3.6
12	16.4	26.5	21.4	63.7	15.729	13.7	0.0	0.0	0.0	6.0
13	14.0	28.0	20.4	61.6	14.238	12.2	0.0	0.0	0.0	8.8
14	15.5	27.4	21.3	63.7	15.732	13.8	0.0	0.0	0.0	7.2
15	17.0	24.5	20.8	71.1	17.292	15.2	0.0	0.0	0.0	0.2
16	16.0	26.0	21.0	68.0	16.736	14.7	0.0	0.0	0.0	2.6
17	14.4	26.1	20.7	69.1	16.779	14.7	0.0	0.0	0.0	3.7
18	16.5	24.5	20.3	77.3	18.454	16.3	0.8	0.0	0.8	2.6
19	17.0	24.5	20.0	69.7	16.350	14.3	0.0	0.0	0.0	0.2
20	16.0	29.9	22.6	60.6	15.781	13.7	0.0	0.0	0.0	6.6
21	14.5	29.6	22.5	61.5	15.796	13.7	0.0	0.0	0.0	7.8
22	16.0	28.8	22.0	60.5	15.765	13.8	0.0	0.0	0.0	6.0
23	17.6	24.9	20.5	77.7	18.914	16.6	0.0	0.0	0.0	3.7
24	16.0	26.9	20.4	77.5	18.322	16.1	0.0	0.0	0.0	2.8
25	17.4	28.8	21.5	72.8	18.591	16.3	0.0	0.0	0.0	3.3
26	17.5	28.6	21.3	75.2	18.873	16.5	1.0	3.2	4.2	5.2
27	16.0	23.6	20.0	88.4	20.290	17.7	7.4	0.0	7.4	1.7
28	17.5	27.7	21.5	69.6	17.312	15.2	0.0	0.0	0.0	4.0
29	15.2	26.3	21.5	57.2	13.918	11.9	0.0	0.3	0.3	4.7
30	17.0	26.4	20.8	78.7	19.107	16.8	1.5	0.0	1.5	2.7
31	17.4	26.9	21.3	79.8	20.006	17.4	0.5	0.8	1.3	2.8
PROM.	16.2	26.1	20.8	72.7	17.437	15.3	16.7	17.9	34.6	106.1

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	16.9	26.0	20.8	73.3	17.807	15.7	0.0	0.0	0.0	3.5
2	17.5	26.4	21.5	61.8	15.558	13.6	0.0	1.2	1.2	1.3
3	17.0	25.6	21.2	72.7	17.866	15.7	0.3	0.0	0.3	1.2
4	18.1	25.9	22.0	68.3	17.753	15.6	0.0	0.0	0.0	0.6
5	17.5	28.8	22.0	53.3	13.829	11.8	0.0	0.0	0.0	3.3
6	15.4	30.5	22.8	52.9	13.938	11.9	0.0	0.0	0.0	6.7
7	15.0	30.9	23.6	49.1	13.521	11.5	0.0	0.0	0.0	7.9
8	15.6	28.2	22.8	57.6	15.649	13.6	0.0	0.7	0.7	5.8
9	17.6	22.0	19.8	85.6	19.506	17.1	1.2	6.1	7.3	0.0
10	17.0	21.6	18.6	91.0	19.778	17.3	8.7	0.3	9.0	0.0
11	16.0	22.4	18.6	90.4	19.260	16.9	11.3	0.0	11.3	0.2
12	15.2	27.9	20.9	67.2	16.060	14.1	0.0	0.0	0.0	2.4
13	16.0	27.0	21.4	70.4	17.781	15.6	0.0	20.2	20.2	6.0
14	15.0	20.1	17.6	93.3	18.588	16.3	10.7	0.0	10.7	0.0
15	14.5	26.9	19.3	78.4	17.351	15.1	0.6	0.0	0.6	4.3
16	16.0	29.5	22.4	61.1	15.963	13.9	0.0	0.0	0.0	6.6
17	15.9	25.6	21.2	62.3	15.503	13.5	0.0	0.0	0.0	2.2
18	17.5	24.5	19.2	80.0	18.083	15.9	7.8	0.0	7.8	1.1
19	16.6	24.5	20.3	72.1	17.164	15.1	0.0	0.0	0.0	1.1
20	18.1	25.7	21.4	69.0	17.392	15.3	0.0	0.0	0.0	1.5
21	17.9	27.5	22.7	59.4	15.768	13.8	0.0	0.0	0.0	5.4
22	18.0	27.7	21.5	67.4	17.287	15.2	0.0	0.0	0.0	2.3
23	17.0	24.9	21.1	67.6	16.637	14.6	0.0	0.0	0.0	1.3
24	17.0	24.5	20.6	74.1	18.078	15.9	0.0	0.0	0.0	0.4
25	17.5	26.5	21.4	68.2	17.300	15.2	0.0	0.0	0.0	1.7
26	18.7	27.0	21.1	79.7	19.895	17.4	2.2	0.0	2.2	1.9
27	18.0	24.2	20.7	82.6	19.960	17.5	0.3	0.0	0.3	1.9
28	18.7	28.6	21.5	67.0	17.166	15.1	0.0	0.0	0.0	3.3
PROM.	16.8	26.1	21.0	70.6	17.159	15.0	49.1	28.5	77.6	73.9

ESTACION: JORGE VILLAMIL

MUNICIPIO: GIGANTE

AÑO: 1.987

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	18.1	25.9	20.3	69.0	16.557	14.5	0.1	0.0	0.1	0.7
2	17.0	30.7	22.0	62.2	16.098	14.1	1.4	0.0	1.4	6.2
3	18.0	30.4	24.4	63.1	18.634	16.4	0.0	0.1	0.1	6.9
4	18.0	25.4	20.8	84.4	20.683	18.0	0.3	2.8	3.1	1.3
5	17.0	25.6	20.3	84.7	20.175	17.6	0.7	13.7	14.4	1.5
6	15.0	23.6	19.3	84.1	18.652	16.4	7.4	0.0	7.4	0.5
7	17.0	23.7	20.5	87.0	20.930	18.2	0.8	6.5	7.3	1.5
8	17.0	25.4	20.3	86.1	20.292	17.7	0.0	0.0	0.0	5.7
9	16.0	26.4	21.2	79.3	19.385	16.9	0.0	0.0	0.0	8.0
10	17.1	26.0	20.6	76.8	18.587	16.3	0.0	0.0	0.0	4.5
11	17.6	24.1	20.5	70.5	17.305	15.2	1.1	0.0	1.1	3.2
12	16.3	25.0	19.7	82.0	18.681	16.4	0.0	12.0	12.0	2.7
13	17.0	22.9	19.4	88.9	19.934	17.4	5.1	0.0	5.1	0.4
14	15.0	24.0	19.4	86.9	19.489	17.1	0.8	0.0	0.8	1.7
15	16.0	24.0	19.0	85.2	18.982	16.7	3.3	0.0	3.3	0.4
16	16.7	20.4	18.4	87.7	18.619	16.3	1.6	7.8	9.4	0.5
17	15.0	23.4	18.7	84.8	18.192	16.0	3.4	0.0	3.4	2.0
18	14.7	27.7	21.2	56.8	13.753	11.7	0.0	0.0	0.0	4.6
19	15.4	26.5	21.1	59.9	14.976	13.0	0.0	0.0	0.0	2.2
20	16.6	28.4	22.1	67.1	17.637	15.5	0.0	0.0	0.0	4.2
21	17.0	28.7	22.2	72.2	18.973	16.6	0.1	0.8	0.9	3.5
22	16.5	26.6	20.8	73.3	17.779	15.7	0.0	0.0	0.0	2.7
23	16.0	26.8	21.7	62.9	15.988	14.0	0.0	0.0	0.0	1.8
24	17.0	25.6	21.7	65.7	16.967	14.8	0.0	0.0	0.0	2.8
25	16.5	29.5	22.2	62.3	16.285	14.3	0.0	0.0	0.0	6.2
26	17.5	29.7	22.9	63.2	17.472	15.4	2.2	0.0	2.2	8.1
27	17.0	25.4	20.1	89.5	20.590	17.9	12.7	0.0	12.7	1.9
28	17.0	25.6	21.2	83.4	21.070	18.3	1.7	0.0	1.7	0.7
29	17.8	27.5	23.0	74.3	20.367	17.8	0.0	4.2	4.2	4.7
30	19.0	24.7	20.8	90.2	21.944	19.0	1.7	0.0	1.7	2.9
31	18.0	24.7	21.1	82.6	20.526	17.9	0.5	0.3	0.8	4.3
PROM.	16.8	25.9	20.9	76.3	18.565	16.2	41.9	48.2	90.1	98.3

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.7	25.0	21.6	81.6	20.685	18.1	0.0	28.5	28.5	3.6
2	17.0	22.2	19.6	92.1	20.826	18.1	3.5	6.2	9.7	0.0
3	15.0	19.0	17.4	87.6	17.411	15.3	4.2	0.2	4.4	0.0
4	14.5	27.3	20.6	73.4	17.409	15.3	0.9	0.0	0.9	7.3
5	15.8	28.6	21.8	67.0	17.581	15.4	0.0	0.0	0.0	6.5
6	16.4	28.0	22.1	63.5	16.426	14.4	0.0	0.0	0.0	4.2
7	16.0	28.1	21.2	71.3	17.877	15.7	3.4	0.6	4.0	4.6
8	17.0	20.0	18.4	89.5	19.037	16.7	8.5	0.4	8.9	0.0
9	16.0	25.0	21.1	75.1	18.945	16.6	0.0	0.0	0.0	2.8
10	16.0	24.0	19.8	80.5	18.755	16.5	0.6	0.0	0.6	1.0
11	16.5	25.0	19.5	74.0	16.793	14.7	2.8	0.0	2.8	3.5
12	16.1	26.5	20.9	67.3	16.586	14.6	2.5	0.0	2.5	4.5
13	16.6	25.0	19.3	83.9	18.795	16.5	7.5	0.0	7.5	3.8
14	17.0	27.4	22.3	58.8	15.609	13.6	0.0	0.0	0.0	5.8
15	17.0	29.8	23.8	52.8	15.056	13.1	0.0	2.8	2.8	9.7
16	17.0	26.8	21.6	71.6	18.465	16.2	0.0	0.0	0.0	3.8
17	16.5	26.5	21.2	69.8	17.294	15.2	2.5	0.0	2.5	4.1
18	16.5	25.4	20.8	78.7	19.132	16.8	0.3	8.6	8.9	2.0
19	16.8	21.6	18.7	89.4	19.221	16.9	15.3	0.0	15.3	0.9
20	16.0	27.4	21.6	66.0	16.990	14.9	0.0	0.0	0.0	0.0
21	17.5	25.4	20.9	72.6	18.025	15.9	0.8	0.0	0.8	0.0
22	17.0	28.0	21.6	66.8	17.124	15.1	0.0	0.0	0.0	0.0
23	17.5	26.5	20.9	74.8	18.384	16.1	3.3	5.3	8.6	6.6
24	16.7	20.6	18.2	92.4	19.435	17.0	4.6	0.0	4.6	0.0
25	17.0	25.4	21.2	72.8	18.105	15.9	0.0	0.0	0.0	0.0
26	17.0	25.8	20.5	76.1	18.195	16.0	0.4	1.5	1.9	1.9
27	15.7	28.3	22.1	67.3	17.198	15.1	0.0	4.5	4.5	0.0
28	17.6	23.2	20.4	85.6	20.417	17.8	26.9	0.0	26.9	0.0
29	16.8	26.5	20.7	92.5	20.262	17.7	5.4	0.5	5.9	0.0
30	17.0	27.3	21.7	69.7	17.624	15.4	0.0	0.0	0.0	2.9
PROM.	16.6	25.5	20.7	75.2	18.122	15.9	93.4	59.1	152.5	0.0

ESTACION: JORGE VILLAMIL
 ALTUD: 1.500

MUNICIPIO: GIGANTE AÑO: 1.987
 LATITUD: 2-22 N. LONGITUD: 75-33 W.

M E S - M A Y O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	18.6	17.1	93.3	18.238	16.0	2.1	0.0	2.1	0.3
2	15.0	26.8	21.3	68.1	17.005	14.9	0.0	0.0	0.0	3.1
3	16.4	28.4	22.1	78.5	20.914	18.2	4.2	0.0	4.2	4.0
4	17.0	25.5	20.5	85.9	20.693	18.0	0.3	0.6	0.9	2.0
5	16.0	26.0	20.3	83.3	20.011	17.5	0.0	56.4	56.4	4.8
6	15.5	25.0	20.5	81.0	19.328	16.9	10.1	5.7	15.8	0.8
7	17.0	22.5	18.7	93.5	20.048	17.5	29.9	0.0	29.9	0.6
8	16.0	25.5	21.3	72.5	18.105	15.9	0.4	0.0	0.4	3.8
9	17.6	25.8	20.8	71.6	17.520	15.4	0.2	9.7	9.9	6.2
10	16.0	24.1	19.7	82.2	18.753	16.5	0.1	3.3	3.4	1.7
11	16.0	26.0	21.3	77.0	19.145	16.8	0.0	0.0	0.0	5.2
12	15.5	24.0	19.9	81.9	19.225	16.8	0.2	0.0	0.2	2.9
13	16.4	20.4	18.6	90.4	19.405	17.0	7.9	0.0	7.9	0.0
14	16.0	24.9	20.2	81.6	19.300	16.9	0.0	0.0	0.0	2.2
15	17.4	26.0	21.1	74.0	18.529	16.3	0.0	0.0	0.0	3.2
16	17.5	26.0	21.0	81.1	20.336	17.7	0.0	0.0	0.0	3.2
17	16.0	24.6	18.7	87.6	19.027	16.7	7.1	0.0	7.1	1.5
18	17.0	27.8	21.6	71.2	18.218	16.1	0.0	0.0	0.0	5.6
19	17.2	26.9	22.0	67.8	17.582	15.5	0.0	0.0	0.0	5.8
20	16.7	26.0	22.0	69.2	18.179	16.0	2.6	0.0	2.6	5.2
21	18.0	26.6	21.8	69.5	17.998	15.8	3.0	0.0	3.0	5.4
22	16.0	25.9	21.1	83.3	20.601	18.0	0.0	15.1	15.1	3.6
23	17.0	21.5	18.9	88.8	19.291	16.9	2.9	0.0	2.9	0.0
24	16.8	18.8	17.9	92.3	18.846	16.6	18.7	0.0	18.7	2.7
25	15.5	24.0	20.4	73.1	17.446	15.3	0.0	0.0	0.0	1.2
26	16.0	22.5	19.1	77.9	17.450	15.4	2.0	0.0	2.0	0.3
27	15.0	24.8	19.9	69.6	16.283	14.3	0.0	0.0	0.0	3.2
28	15.0	27.8	21.1	62.3	15.529	13.5	0.0	0.0	0.0	7.7
29	14.8	24.8	20.9	65.1	16.166	14.1	0.0	0.0	0.0	0.0
30	16.7	28.0	21.9	63.2	16.217	14.2	0.0	0.0	0.0	7.6
31	16.6	26.5	21.3	70.0	17.480	15.4	0.0	0.0	0.0	0.0
PROM.	16.4	24.9	20.4	77.6	18.480	16.2	91.7	93.5	185.2	94.0

M E S - J U N I O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	20.4	18.4	90.2	19.197	16.9	6.5	0.0	6.5	0.0
2	15.0	25.0	20.9	70.7	17.361	15.2	0.0	0.0	0.0	3.6
3	17.0	25.5	20.4	73.3	17.674	15.5	10.5	1.0	11.5	4.2
4	16.0	26.0	21.0	70.6	17.357	15.3	0.0	0.0	0.0	4.8
5	17.2	24.6	20.7	75.6	18.475	16.2	0.0	0.0	0.0	1.0
6	15.4	26.0	20.6	79.4	19.007	16.7	0.0	0.0	0.0	4.7
7	16.5	26.6	21.9	71.2	18.249	16.1	0.1	0.4	0.5	2.6
8	16.4	24.0	19.7	79.0	18.123	15.5	0.0	0.0	0.0	0.7
9	16.6	23.0	19.4	84.6	18.911	16.6	1.3	0.0	1.3	0.8
10	15.0	23.6	18.7	89.6	19.308	16.9	7.1	0.0	7.1	3.5
11	16.5	25.5	20.7	78.0	18.857	16.5	0.0	0.0	0.0	2.2
12	17.0	27.4	22.6	64.4	17.321	15.2	0.0	0.0	0.0	5.9
13	18.0	27.0	22.7	61.6	16.752	14.7	0.0	0.0	0.0	3.7
14	18.0	24.0	20.2	84.9	20.347	17.8	3.5	0.0	3.5	1.6
15	17.0	25.0	20.0	85.1	19.473	17.1	21.4	0.0	21.4	3.8
16	17.5	25.5	20.6	71.6	17.458	15.4	0.0	0.0	0.0	1.5
17	17.0	23.6	19.5	86.8	19.613	17.2	4.8	0.0	4.8	3.3
18	15.0	26.8	20.9	75.1	18.254	16.0	0.0	0.0	0.0	6.0
19	16.4	24.5	19.9	70.1	16.353	14.3	0.0	0.0	0.0	3.0
20	17.0	24.2	20.5	62.1	15.036	13.0	0.0	0.0	0.0	6.0
21	16.7	28.2	21.6	68.3	17.150	15.1	0.0	0.0	0.0	0.0
22	17.0	21.5	19.3	87.9	19.715	17.3	0.0	0.0	0.0	0.0
23	16.0	22.0	19.2	90.8	20.254	17.7	3.9	0.0	3.9	1.1
24	16.0	21.8	18.5	91.0	19.300	16.9	2.6	0.0	2.6	0.7
25	16.4	24.4	19.7	81.2	18.352	16.1	0.1	2.0	2.1	0.2
26	15.4	22.5	18.4	75.4	15.841	13.8	0.0	0.0	0.0	2.1
27	13.0	24.0	19.4	53.3	12.124	9.7	0.0	0.0	0.0	0.7
28	15.4	23.2	19.3	64.1	14.305	12.3	0.0	0.0	0.0	3.4
29	16.0	24.2	20.3	65.9	15.743	13.7	0.0	0.0	0.0	0.6
30	17.0	24.4	20.5	74.6	17.910	15.8	0.1	1.6	1.7	0.9
PROM.	16.3	24.5	20.2	75.9	17.794	15.6	61.9	5.0	66.9	74.8

ESTACION: JORGE VILLAMIL

MUNICIPIO: GIGANTE

AÑO: 1.987

ALTITUD: 1.500

LATITUD: 2-22 N.

LONGITUD: 75-33 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	26.0	21.8	68.6	17.584	15.5	0.6	0.0	0.6	3.3
2	16.0	27.4	21.7	61.2	15.559	13.6	0.0	0.0	0.0	4.0
3	17.4	23.6	19.7	79.7	18.373	16.2	2.2	6.3	8.5	1.2
4	16.0	24.0	19.6	83.8	19.250	16.9	9.6	15.4	25.0	1.2
5	15.4	21.5	16.7	88.8	16.957	14.9	1.1	0.0	1.1	0.0
6	14.4	24.0	19.3	60.6	13.351	11.2	0.0	0.0	0.0	2.8
7	17.0	26.4	21.0	64.8	15.917	13.9	0.0	0.0	0.0	2.6
8	17.0	24.8	20.8	72.5	17.866	15.7	0.0	0.0	0.0	3.0
9	17.5	24.5	20.6	81.7	19.886	17.4	0.0	0.0	0.0	1.2
10	17.0	23.0	19.4	82.9	18.402	16.2	6.5	0.0	6.5	0.9
11	17.0	21.6	19.4	86.3	19.363	17.0	0.4	0.0	0.4	0.4
12	16.0	27.8	21.2	67.8	16.435	14.4	0.0	0.0	0.0	7.5
13	16.0	27.4	21.5	66.7	16.687	14.7	0.0	2.5	2.5	6.4
14	15.0	22.0	18.8	80.2	17.106	15.0	0.1	0.0	0.1	1.3
15	16.6	23.2	18.9	74.7	16.634	14.6	2.1	0.0	2.1	1.1
16	16.0	24.0	20.3	67.4	16.094	14.1	0.0	0.0	0.0	2.4
17	17.1	27.8	21.5	61.1	15.292	13.3	0.0	0.0	0.0	1.1
18	17.0	26.5	21.7	68.5	17.440	15.3	0.0	1.0	1.0	3.4
19	16.8	26.3	21.4	72.9	18.149	15.9	1.7	0.0	1.7	2.9
20	16.5	26.0	20.5	78.0	18.698	16.4	0.0	0.0	0.0	3.6
21	17.5	24.0	20.1	78.1	18.421	16.2	0.0	0.0	0.0	0.8
22	16.0	27.2	21.3	66.4	16.242	14.2	0.0	0.0	0.0	2.6
23	15.8	26.8	21.8	68.8	17.851	15.6	0.0	0.3	0.3	5.2
24	16.0	25.9	21.0	78.7	19.168	16.8	0.4	1.9	2.3	2.8
25	16.6	26.0	19.7	86.0	19.879	17.4	10.0	2.2	12.2	3.4
26	16.8	25.8	20.6	69.3	16.608	14.6	0.0	0.0	0.0	3.1
27	15.0	26.8	20.9	67.9	16.229	14.2	0.0	0.0	0.0	6.3
28	15.6	22.7	19.4	85.3	19.156	16.8	0.7	0.0	0.7	2.0
29	16.0	26.3	21.1	75.0	18.502	16.2	0.8	9.3	10.1	6.5
30	17.1	24.4	19.7	86.5	19.725	17.3	6.5	0.2	6.7	1.2
31	16.8	24.6	19.8	78.3	18.063	15.8	5.9	4.1	10.0	0.7
PROM.	16.4	25.2	20.4	74.5	17.577	15.4	48.6	43.2	91.8	84.9

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	23.5	18.7	78.7	16.758	14.7	0.4	0.0	0.4	0.2
2	15.4	24.8	19.9	80.5	18.630	16.4	0.8	0.0	0.8	1.7
3	17.0	24.0	20.1	82.7	19.396	17.0	4.9	0.5	5.4	3.8
4	15.0	27.8	21.2	65.8	15.819	13.9	0.0	0.0	0.0	7.0
5	15.1	25.0	20.4	75.1	17.837	15.7	0.0	0.3	0.3	3.0
6	17.0	24.6	20.3	77.2	18.110	15.9	0.0	0.0	0.0	3.4
7	17.0	26.0	21.3	67.3	16.786	14.7	0.0	0.7	0.7	3.0
8	16.0	26.5	19.9	76.5	17.303	15.1	6.2	0.0	6.2	3.8
9	15.0	27.3	21.7	69.1	17.457	15.3	0.0	5.1	5.1	5.2
10	16.0	23.6	19.6	80.5	18.088	15.9	0.8	4.2	5.0	1.4
11	15.0	24.0	19.2	77.6	17.143	15.1	2.2	1.9	4.1	2.1
12	16.0	23.0	19.3	84.7	18.903	16.6	2.0	0.0	2.0	0.8
13	15.0	25.6	19.1	77.1	16.898	14.8	4.7	0.0	4.7	3.1
14	15.5	24.0	20.1	67.6	15.637	13.7	0.0	0.0	0.0	3.1
15	16.0	24.0	20.2	66.4	15.600	13.6	0.0	0.0	0.0	4.2
16	15.0	25.6	21.2	62.5	15.828	13.8	0.0	0.0	0.0	1.8
17	16.5	22.0	19.6	78.3	18.163	15.9	2.0	1.5	3.5	0.1
18	16.0	23.0	18.7	84.3	18.049	15.9	1.7	0.0	1.7	1.1
19	16.0	25.5	20.7	67.4	16.318	14.3	0.0	0.4	0.4	4.3
20	15.5	25.0	19.9	76.7	17.549	15.4	0.0	1.6	1.6	3.5
21	15.5	24.2	19.4	81.4	18.332	16.1	5.5	0.0	5.5	3.1
22	15.0	22.0	18.3	85.8	17.893	15.7	0.2	0.0	0.2	1.3
23	14.8	25.0	20.1	65.6	14.912	12.9	0.0	0.0	0.0	2.8
24	15.5	21.5	17.9	81.2	17.000	14.9	1.3	0.0	1.3	0.2
25	15.0	22.0	19.1	71.8	15.824	13.8	0.0	0.0	0.0	1.1
26	15.5	25.5	19.7	73.4	16.831	14.8	0.3	0.2	0.5	5.6
27	15.0	23.0	19.0	76.5	16.590	14.6	0.0	0.0	0.0	1.2
28	15.1	26.5	21.5	59.3	14.725	12.7	0.0	0.0	0.0	3.7
29	16.0	26.0	21.3	62.4	15.774	13.8	0.0	2.7	2.7	0.9
30	17.5	26.4	21.7	62.7	16.420	14.4	0.0	0.0	0.0	4.0
31	17.0	23.0	19.0	80.9	18.021	15.9	6.0	0.0	6.0	0.9
PROM	15.7	24.5	19.9	74.1	17.051	14.9	39.0	19.1	58.1	82.0

ESTACION: JORGE VILLAMIL
 ALTITUD: 1.500

MUNICIPIO: GIGANTE
 LATITUD: 2-22 N.

AÑO: 1.987
 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	15.4	23.8	19.8	66.9	15.307	13.3	0.0	0.0	0.0	2.2
2	16.0	27.8	21.7	56.1	14.081	12.0	0.0	0.0	0.0	6.9
3	15.4	26.4	21.2	64.3	15.875	13.9	0.0	2.9	2.9	3.3
4	16.0	22.0	19.3	78.3	17.581	15.5	0.0	0.0	0.0	0.1
5	15.0	25.4	20.1	65.6	15.503	13.5	0.0	0.0	0.0	1.4
6	15.4	28.8	21.8	68.4	17.829	15.7	0.0	0.0	0.0	4.8
7	16.0	27.5	21.4	72.0	17.749	15.6	0.0	0.0	0.0	3.6
8	16.4	24.5	19.5	83.9	19.113	16.7	1.0	0.0	1.0	1.9
9	16.0	26.5	20.9	67.5	16.526	14.4	2.3	0.0	2.3	4.3
10	15.0	28.5	20.6	54.8	13.034	10.8	0.0	0.0	0.0	9.8
11	15.0	28.8	20.7	66.0	15.713	13.7	0.9	0.2	1.1	4.4
12	17.0	27.8	21.8	60.3	15.515	13.5	0.0	0.0	0.0	3.6
13	15.0	28.6	22.0	62.9	16.574	14.5	0.0	0.0	0.0	7.8
14	15.5	26.0	21.8	62.5	16.234	14.2	0.0	0.0	0.0	3.5
15	15.4	29.8	22.4	56.9	14.957	12.8	0.0	0.0	0.0	7.2
16	16.6	27.6	20.6	79.2	19.390	17.0	0.4	0.1	0.5	1.9
17	17.0	25.0	19.5	81.7	18.354	16.1	0.0	0.0	0.0	2.1
18	15.4	29.0	22.8	60.2	16.158	14.1	0.0	0.0	0.0	8.3
19	15.5	29.2	23.0	54.8	15.093	13.1	0.0	0.0	0.0	8.3
20	16.0	23.5	19.4	80.4	18.465	16.2	0.5	0.0	0.5	0.5
21	16.0	27.0	20.5	68.5	16.341	14.2	1.4	1.3	2.7	4.7
22	15.5	23.0	18.9	84.9	18.162	16.0	4.2	0.0	4.2	0.3
23	17.0	25.8	20.0	75.1	17.493	15.4	0.7	0.1	0.8	1.4
24	15.6	25.0	20.3	76.5	17.942	15.8	3.1	0.0	3.1	0.8
25	17.1	20.0	17.1	84.7	16.970	14.8	12.7	0.0	12.7	0.6
26	14.5	25.2	19.4	70.7	15.910	13.9	0.0	0.0	0.0	5.6
27	15.8	28.1	20.7	65.1	15.745	13.7	0.0	0.0	0.0	0.0
28	16.0	29.1	23.0	61.6	16.530	14.5	0.0	0.3	0.3	5.1
29	16.0	27.9	22.0	64.8	16.980	14.9	0.0	0.0	0.0	4.4
30	16.9	23.0	18.2	85.1	18.154	16.0	0.1	0.0	0.1	0.8
PROM.	15.8	26.4	20.7	69.3	16.643	14.5	27.3	4.9	32.2	109.6

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	26.6	20.0	76.1	17.569	15.4	0.4	2.8	3.2	6.4
2	15.0	22.0	18.4	79.1	16.472	14.5	2.7	0.0	2.7	0.6
3	16.0	21.5	18.4	80.5	17.243	15.2	0.3	0.0	0.3	0.7
4	15.0	26.4	19.4	75.2	17.177	15.1	11.6	0.0	11.6	2.5
5	15.5	25.4	20.3	81.3	19.290	16.9	1.0	5.6	6.6	3.8
6	16.4	23.0	18.9	81.4	17.943	15.7	5.3	3.2	8.5	2.9
7	15.5	26.0	21.4	63.8	15.875	13.9	0.2	0.0	0.2	5.2
8	16.0	25.0	19.7	75.5	17.421	15.3	0.0	0.0	0.0	1.5
9	16.0	23.0	19.1	80.6	17.651	15.4	2.9	0.0	2.9	0.8
10	13.5	26.2	20.8	69.9	16.683	14.6	0.0	0.0	0.0	6.0
11	15.6	27.8	21.5	62.5	16.041	14.0	0.0	0.0	0.0	4.8
12	16.0	24.5	19.4	84.9	19.679	17.2	29.4	5.0	34.4	1.0
13	15.0	27.0	21.1	71.2	17.902	15.8	0.4	7.8	8.2	6.0
14	16.5	24.5	19.9	88.1	20.118	17.6	0.0	0.3	0.3	3.4
15	16.5	27.1	21.9	68.4	17.605	15.5	0.0	0.0	0.0	3.9
16	16.3	28.0	21.5	68.5	17.244	15.2	0.0	0.0	0.0	3.0
17	16.5	28.0	21.7	73.2	18.745	16.3	0.0	0.0	0.0	2.8
18	16.6	21.3	18.0	94.4	19.476	17.1	14.4	0.0	14.4	0.0
19	16.5	24.7	21.0	82.2	20.255	17.7	8.2	28.0	36.2	1.7
20	14.0	23.5	19.2	79.3	17.454	15.4	0.8	0.0	0.8	1.7
21	16.0	26.0	20.5	75.6	18.022	15.9	0.0	0.0	0.0	1.1
22	16.4	25.5	20.5	76.0	18.166	16.0	19.0	0.0	19.0	2.6
23	15.6	24.5	20.0	73.7	16.935	14.9	2.7	0.0	2.7	1.3
24	16.5	27.5	20.0	77.6	18.539	16.3	12.3	0.0	12.3	3.1
25	15.6	24.6	19.4	80.7	18.122	15.9	2.8	0.6	3.4	3.4
26	16.0	25.5	19.7	74.4	17.065	15.0	5.3	0.0	5.3	2.3
27	16.5	27.0	21.5	79.4	20.060	17.5	0.0	41.9	41.9	3.8
28	15.0	21.4	17.9	78.9	16.007	14.0	4.9	0.2	5.1	0.1
29	15.4	24.0	19.1	86.8	19.076	16.7	0.8	5.0	5.8	1.6
30	15.5	23.0	18.3	85.0	17.936	15.8	0.8	0.0	0.8	1.1
31	14.6	20.0	17.6	91.9	18.493	16.2	0.8	0.0	0.8	0.0
PROM.	15.7	24.9	19.9	77.9	17.944	15.7	133.0	100.4	233.4	79.1

ESTACION: JORGE VILLAMIL
 ALTITUD: 1.500

MUNICIPIO: GIGANTE
 LATITUD: 2-22 N.

AÑO: 1.987
 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	15.7	23.6	19.9	77.7	18.464	16.2	0.0	0.0	0.0	4.5
2	15.6	21.6	18.4	83.2	17.561	15.4	0.0	0.0	0.0	0.0
3	15.5	24.5	18.9	89.0	19.420	17.0	0.0	0.0	0.0	0.0
4	15.6	22.0	18.2	85.8	17.936	15.8	1.3	0.0	1.3	0.0
5	14.0	23.5	18.7	76.6	16.630	14.6	1.1	0.7	1.8	0.0
6	15.0	22.4	18.9	73.8	16.131	14.1	0.0	0.0	0.0	0.0
7	15.4	26.5	20.3	68.5	16.148	14.1	1.4	0.0	1.4	7.6
8	14.0	26.4	20.0	70.8	16.164	14.1	0.0	0.0	0.0	2.5
9	15.0	27.7	20.9	61.0	14.854	12.9	0.0	0.0	0.0	6.5
10	15.5	26.8	20.3	78.2	18.608	16.3	7.5	0.0	7.5	4.3
11	16.9	25.5	20.1	72.8	17.030	15.0	0.0	0.0	0.0	1.6
12	15.5	28.0	21.4	62.2	15.430	13.4	0.0	0.0	0.0	6.6
13	17.0	26.6	21.7	73.8	18.895	16.6	3.6	0.0	3.6	3.9
14	16.0	24.5	19.7	80.8	19.049	16.7	4.1	0.0	4.1	1.4
15	15.8	26.2	21.1	81.9	20.416	17.8	0.0	0.0	0.0	3.8
16	15.4	25.3	20.0	82.3	19.722	17.3	2.3	0.0	2.3	2.2
17	17.0	27.0	21.7	79.0	20.012	17.5	0.0	0.0	0.0	2.8
18	16.1	27.8	21.9	74.7	19.510	17.1	0.0	6.1	6.1	6.8
19	17.6	25.4	20.2	82.2	19.370	17.0	0.0	0.0	0.0	2.5
20	17.0	24.0	19.5	82.8	19.275	16.9	0.5	18.0	18.5	3.3
21	15.0	22.2	18.0	88.2	18.415	16.2	0.1	0.0	0.1	0.8
22	14.0	23.0	19.4	81.5	18.610	16.4	0.0	0.0	0.0	2.5
23	16.0	26.0	20.3	80.1	18.869	16.6	2.3	0.0	2.3	4.6
24	16.2	28.8	22.3	66.3	17.249	15.2	0.0	0.0	0.0	5.3
25	17.0	26.5	19.8	81.3	19.507	17.1	7.2	0.0	7.2	6.6
26	14.4	24.0	19.1	83.6	18.784	16.4	0.0	0.0	0.0	4.5
27	16.0	21.2	18.6	88.7	18.990	16.7	0.0	0.0	0.0	0.0
28	15.8	24.5	20.1	78.9	18.347	16.1	0.0	0.0	0.0	0.3
29	16.0	26.0	21.2	66.0	16.658	14.6	0.0	0.2	0.2	5.3
30	16.9	21.0	18.7	90.4	19.667	17.2	6.0	0.0	6.0	0.0
PROM.	15.8	25.0	20.0	78.1	18.191	15.9	37.4	25.8	63.2	90.2

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	22.5	18.7	90.2	19.589	17.1	0.0	1.2	1.2	1.3
2	14.8	23.0	18.1	87.9	18.234	16.0	0.6	0.0	0.6	1.4
3	14.9	24.5	20.5	74.9	18.021	15.8	0.3	0.0	0.3	3.9
4	15.0	24.0	19.5	81.0	18.488	16.2	0.0	4.7	4.7	3.3
5	15.5	23.5	19.4	84.8	19.080	16.8	0.4	5.0	5.4	3.2
6	14.9	25.5	20.5	80.0	19.235	16.9	0.0	1.7	1.7	6.0
7	16.0	23.5	19.3	82.2	18.396	16.2	18.9	0.0	18.9	1.5
8	14.0	26.5	20.8	67.0	16.429	14.4	0.2	0.0	0.2	6.0
9	15.0	26.8	21.5	64.9	16.333	14.2	0.0	0.0	0.0	7.3
10	16.0	25.5	19.4	87.6	19.843	17.4	3.7	0.0	3.7	4.3
11	16.6	25.0	19.5	81.2	18.403	16.2	0.7	0.7	1.4	1.8
12	15.5	24.0	20.1	79.9	18.455	16.2	1.1	0.1	1.2	2.3
13	17.5	23.1	19.5	77.0	17.526	15.4	0.8	0.2	1.0	1.7
14	16.0	27.0	21.1	65.2	16.157	14.2	0.2	0.0	0.2	5.5
15	15.5	25.5	20.3	73.2	17.353	15.2	0.0	0.0	0.0	3.7
16	16.4	26.0	20.4	75.9	17.985	15.8	0.0	0.0	0.0	5.8
17	17.0	24.0	20.4	79.2	18.844	16.5	0.0	0.0	0.0	0.0
18	15.5	25.5	19.8	74.1	16.832	14.8	0.0	0.0	0.0	2.9
19	16.4	25.3	20.6	68.6	16.389	14.4	0.0	0.0	0.0	0.0
20	16.5	25.0	20.0	75.8	18.193	16.0	1.4	0.0	1.4	2.9
21	15.0	25.6	20.4	61.8	14.440	12.4	0.0	0.0	0.0	2.6
22	17.5	27.5	21.6	61.6	15.614	13.6	0.0	0.0	0.0	3.5
23	15.0	26.5	20.4	60.7	14.103	12.1	0.0	0.0	0.0	4.8
24	14.5	23.4	21.5	60.7	15.188	13.2	0.0	0.0	0.0	8.4
25	16.0	29.6	21.3	64.2	15.747	13.8	0.0	0.0	0.0	7.4
26	13.5	29.6	21.7	62.2	15.295	13.3	0.0	0.0	0.0	7.7
27	14.5	29.9	22.0	59.6	15.349	13.3	0.0	0.0	0.0	7.3
28	15.5	30.5	22.0	65.5	16.948	14.9	0.0	0.0	0.0	8.1
29	15.0	30.4	22.1	60.1	15.201	13.2	0.0	0.0	0.0	7.0
30	16.0	26.3	21.3	66.7	16.456	14.4	0.0	6.2	6.2	2.6
31	16.5	25.0	19.8	84.9	19.248	16.9	1.4	0.0	1.4	1.6
PROM.	15.6	26.0	20.5	72.9	17.206	15.1	29.7	19.8	49.5	120

ESTACION: JORGE VILLAMIL

MUNICIPIO: GIGANTE

AÑO: 1.987

ALTITUD: 1.500

LATITUD: 2-22 N.

LONGITUD 75-33 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días Hluvias	
ENERO	16.2	26.1	20.8	14.0	29.9	72.7	17.437	15.3	34.6	11	106.1
FEBRERO	16.8	26.1	21.0	14.5	30.9	70.6	17.159	15.0	77.6	12	73.9
MARZO	16.8	25.9	20.9	14.7	30.7	76.3	18.565	16.2	90.1	21	98.3
ABRIL	16.6	25.5	20.7	14.5	29.8	75.2	18.122	15.9	152.5	21	
MAYO	16.4	24.9	20.4	14.8	28.4	77.6	18.480	16.2	185.2	19	94.0
JUNIO	16.3	24.5	20.2	13.0	28.2	75.9	17.794	15.6	66.9	12	74.8
JULIO	16.4	25.2	20.4	14.4	28.3	74.5	17.577	15.4	91.8	18	84.9
AGOSTO	15.7	24.5	19.9	14.8	27.8	74.1	17.051	14.9	58.1	21	82.0
SEPTIEMBRE	15.8	26.4	20.7	14.5	29.8	69.3	16.643	14.5	32.2	13	109.6
OCTUBRE	15.7	24.9	19.9	13.5	28.0	77.9	17.944	15.7	233.4	24	79.1
NOVIEMBRE	15.8	25.0	20.0	14.0	28.8	78.1	18.191	15.9	63.2	15	90.2
DICIEMBRE	15.6	26.0	20.5	13.5	30.5	72.9	17.206	15.1	49.5	16	
PROMEDIO	16.2	25.4	20.5	14.2	29.3	74.6	17.681	15.5			
TOTAL									1135.1	203	

ESTACION: OSPINA PEREZ
 ALTITUD: 1.700

MUNICIPIO: CONSACA
 LATITUD: 1-16 N.

AÑO: 1.987
 LONGITUD: 77-28 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	26.5	19.3	77.1	16.769	14.6	1.3	0.0	1.3	7.3
2	15.0	24.4	19.9	77.6	17.399	15.2	0.0	0.0	0.0	3.9
3	15.8	25.5	20.5	78.3	18.316	16.0	0.0	0.0	0.0	4.4
4	14.5	24.8	19.6	77.1	17.487	15.4	0.0	0.0	0.0	4.7
5	14.8	25.4	19.3	72.4	15.878	13.8	0.0	0.6	0.6	9.1
6	15.6	25.4	19.7	72.4	16.141	14.1	0.0	20.8	20.8	7.4
7	15.8	22.6	18.7	83.2	17.815	15.6	0.0	24.4	24.4	1.8
8	15.0	24.0	19.4	84.3	18.828	16.5	0.8	0.0	0.8	2.5
9	16.3	24.0	19.6	83.1	18.863	16.6	0.0	0.0	0.0	2.1
10	15.6	23.2	19.1	83.7	18.304	16.0	0.1	0.2	0.3	3.1
11	14.5	23.5	18.6	80.8	17.212	15.1	0.0	0.0	0.0	1.3
12	14.4	26.5	20.5	65.9	15.057	13.0	0.0	0.0	0.0	8.8
13	13.0	28.5	20.5	72.5	16.549	14.1	0.0	0.0	0.0	8.3
14	14.6	28.3	20.8	59.6	14.150	12.0	0.0	0.0	0.0	8.5
15	15.0	25.0	21.4	64.4	15.507	13.3	0.0	0.0	0.0	0.9
16	14.5	29.0	21.4	61.0	14.753	12.7	0.0	0.0	0.0	7.5
17	15.5	29.0	23.1	46.1	11.950	9.5	0.0	0.0	0.0	9.3
18	15.0	26.0	21.3	68.9	16.326	14.2	0.0	0.0	0.0	5.4
19	14.5	22.5	18.3	85.6	18.229	16.0	4.9	0.0	4.9	0.8
20	14.0	24.0	18.5	81.2	17.228	15.1	1.0	0.0	1.0	6.2
21	13.0	25.5	19.4	71.5	15.378	13.3	0.0	1.0	1.0	7.1
22	15.5	24.3	19.4	81.3	18.044	15.9	1.3	7.8	9.1	4.8
23	15.0	20.5	17.0	89.1	17.105	15.0	5.3	0.7	6.0	0.6
24	14.0	26.0	20.3	76.5	17.550	15.3	0.0	0.0	0.0	8.7
25	14.5	26.3	19.9	76.8	17.317	15.2	0.0	0.0	0.0	5.5
26	15.3	25.0	19.7	76.5	17.215	15.1	0.0	0.0	0.0	7.0
27	15.3	24.0	18.8	82.2	17.623	15.5	1.5	0.0	1.5	1.7
28	15.0	27.5	20.0	76.7	17.404	15.3	0.0	0.0	0.0	6.4
29	13.6	28.0	20.9	60.1	13.446	11.1	0.0	0.0	0.0	8.4
30	17.3	23.3	20.0	72.7	16.941	14.9	0.0	0.0	0.0	2.0
31	14.2	27.2	20.4	69.0	15.712	13.5	2.0	0.0	2.0	8.6
PROM.	14.9	25.3	19.8	74.4	16.661	14.5	18.2	55.5	73.7	164.7

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	15.0	29.0	21.7	62.0	14.945	12.8	0.0	0.0	0.0	4.5
2	17.8	25.5	21.0	57.7	14.223	12.2	0.0	0.0	0.0	1.3
3	16.2	25.5	19.5	78.7	17.518	15.4	0.7	0.0	0.7	2.3
4	15.2	22.6	19.7	75.3	16.908	14.9	4.9	0.0	4.9	3.2
5	15.4	24.0	18.9	84.1	17.949	15.8	0.0	0.0	0.0	0.5
6	13.0	29.0	20.8	52.7	11.659	9.1	0.0	0.0	0.0	9.1
7	12.3	27.3	19.9	52.0	11.473	8.4	0.0	0.0	0.0	10.1
8	13.5	28.1	20.2	64.5	14.332	11.6	0.0	0.0	0.0	7.1
9	15.0	27.5	20.7	68.1	15.577	13.3	0.0	0.0	0.0	6.5
10	15.6	27.4	22.3	59.5	14.802	12.6	0.0	0.0	0.0	3.0
11	15.3	29.0	21.8	63.2	16.027	13.2	0.0	0.0	0.0	5.4
12	15.3	27.0	20.2	74.1	16.875	14.6	0.2	57.3	57.5	4.8
13	13.2	26.5	19.7	71.0	15.733	13.6	0.0	5.5	5.5	7.6
14	15.0	18.5	16.9	90.6	17.624	15.5	6.9	1.1	8.0	0.0
15	14.0	26.0	20.0	77.3	17.472	15.3	0.0	0.0	0.0	6.5
16	16.0	26.5	18.5	84.1	18.012	15.9	0.0	0.0	0.0	3.2
17	14.0	25.0	19.9	65.2	14.666	12.4	0.0	0.0	0.0	4.8
18	15.4	27.0	20.0	74.4	16.759	14.6	0.4	6.9	7.3	6.3
19	16.3	23.5	18.8	88.1	19.231	16.9	2.6	0.0	2.6	4.4
20	15.3	22.4	19.1	83.0	17.945	15.7	0.0	0.0	0.0	1.1
21	16.0	25.5	19.5	84.5	18.922	16.6	0.0	0.0	0.0	2.0
22	14.6	24.5	19.1	76.0	16.376	14.4	0.0	0.0	0.0	2.2
23	16.1	26.0	22.1	50.9	12.799	10.4	0.0	0.0	0.0	5.7
24	20.0	23.1	23.2	39.8	11.391	8.9	0.0	0.0	0.0	5.9
25	16.8	26.5	21.1	63.3	15.788	13.7	0.0	0.0	0.0	4.9
26	16.8	27.0	22.5	57.6	15.070	12.9	0.0	0.0	0.0	2.2
27	17.1	28.5	23.6	52.9	14.158	12.0	0.0	0.0	0.0	6.2
28	16.1	29.0	21.0	70.7	16.996	14.7	0.0	0.0	0.0	3.9
PROM	15.4	26.1	20.4	68.6	15.758	13.5	15.7	70.8	86.5	126.9

ESTACION: OSPINA PEREZ
 ALTITUD: 1.700

MUNICIPIO: CONSACA
 LATITUD: 1-16 N.

AÑO: 1.987
 LONGITUD: 77-28 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	25.0	19.7	64.9	14.727	12.6	0.0	0.0	0.0	2.0
2	15.0	27.8	20.8	73.8	17.464	15.3	0.0	0.0	0.0	6.2
3	14.8	28.0	20.6	63.2	14.861	12.6	0.0	0.0	0.0	9.5
4	16.4	24.0	19.2	83.2	18.659	16.4	4.2	9.7	13.9	2.1
5	15.8	25.5	19.2	81.5	17.863	15.6	0.8	3.1	3.9	2.9
6	15.0	24.0	19.0	72.5	15.614	13.6	0.0	0.0	0.0	1.8
7	15.4	26.5	21.0	75.5	18.609	16.3	0.0	19.8	19.8	8.3
8	15.0	25.5	18.8	81.5	17.453	15.4	0.0	9.3	9.3	6.0
9	14.8	22.0	18.4	85.1	17.785	15.6	0.0	2.4	2.4	2.3
10	13.7	25.0	19.4	73.8	15.840	13.8	0.0	0.0	0.0	7.5
11	15.0	24.5	19.6	78.2	17.356	15.2	0.0	0.0	0.0	1.0
12	14.5	26.0	19.5	74.3	16.341	14.3	0.0	29.8	29.8	7.1
13	15.4	25.5	18.7	81.8	17.526	15.4	2.7	1.0	3.7	5.7
14	13.8	25.0	18.9	78.7	16.647	14.6	1.6	0.0	1.6	6.9
15	14.0	25.5	19.7	76.6	17.175	15.1	0.0	0.0	0.0	2.0
16	14.1	24.0	19.1	79.0	16.987	14.9	0.0	0.0	0.0	5.8
17	15.6	28.4	20.5	72.9	16.909	14.8	0.0	0.0	0.0	6.4
18	13.5	29.1	21.8	53.6	12.205	9.4	0.0	0.0	0.0	10.3
19	14.4	28.0	21.2	62.4	14.669	12.4	0.0	0.0	0.0	7.0
20	16.0	29.0	22.0	55.0	13.857	11.2	0.0	0.0	0.0	8.4
21	15.0	28.6	21.0	69.6	16.691	14.6	0.0	0.0	0.0	8.6
22	15.0	29.0	19.9	75.3	17.259	15.1	0.0	0.0	0.0	4.8
23	14.7	29.4	21.8	71.3	18.042	15.9	0.0	0.0	0.0	8.8
24	15.0	27.5	21.7	71.2	17.400	15.2	0.0	0.0	0.0	7.1
25	15.0	26.0	20.9	71.3	17.049	14.9	0.0	0.0	0.0	6.0
26	14.5	27.0	19.4	73.1	16.047	13.8	2.9	0.0	2.9	7.6
27	15.0	26.5	19.1	81.2	17.813	15.6	4.5	0.0	4.5	5.1
28	15.4	28.0	21.2	69.6	16.965	14.9	0.0	0.0	0.0	5.2
29	16.6	28.0	21.2	73.5	17.825	15.6	0.0	0.2	0.2	7.6
30	16.8	22.5	20.0	82.7	19.141	16.8	0.0	1.4	1.4	0.0
31	16.0	22.0	18.9	84.8	18.311	16.1	0.0	4.0	4.0	0.0
PROM.	15.0	26.2	20.1	73.9	16.809	14.6	16.7	120.7	137.4	170.0

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	23.0	18.8	84.8	18.464	16.2	0.1	3.2	3.3	0.5
2	16.0	22.6	18.2	91.8	19.431	17.0	1.2	4.2	5.4	0.2
3	14.5	20.0	17.8	91.2	18.421	16.2	0.0	0.0	0.0	0.0
4	14.8	28.0	20.2	78.0	17.893	15.7	12.1	0.0	12.1	7.5
5	14.8	26.0	19.3	79.5	17.813	15.6	19.6	0.0	19.6	4.3
6	14.6	27.5	20.3	74.6	17.205	15.0	0.3	0.0	0.3	8.6
7	14.7	29.4	21.5	70.4	16.914	14.8	0.0	0.0	0.0	9.2
8	15.8	25.0	19.9	80.0	18.509	16.2	0.2	0.5	0.7	0.7
9	16.0	23.0	19.4	85.9	19.150	16.8	0.0	0.0	0.0	1.1
10	14.4	22.4	17.9	80.5	16.411	14.3	7.6	0.0	7.6	2.8
11	15.0	24.0	19.7	78.3	17.662	15.5	0.0	0.0	0.0	4.8
12	14.7	26.0	21.4	56.4	13.092	10.7	0.0	0.0	0.0	6.9
13	16.0	25.5	20.6	68.8	16.958	14.7	0.4	0.0	0.4	5.4
14	14.8	27.0	20.8	72.1	16.817	14.7	0.0	0.0	0.0	4.5
15	15.0	26.4	20.7	68.5	16.083	14.0	0.0	1.7	1.7	7.3
16	14.8	25.0	20.2	74.4	17.072	15.0	0.6	0.0	0.6	0.5
17	15.0	27.0	21.3	66.7	16.406	14.3	0.0	0.0	0.0	7.4
18	16.3	28.4	22.6	53.3	13.812	11.6	0.0	0.0	0.0	2.2
19	16.8	26.5	22.0	55.7	14.159	12.0	0.0	0.0	0.0	2.6
20	17.8	28.0	22.2	64.6	17.224	15.0	0.0	0.0	0.0	2.3
21	16.0	27.0	20.7	76.4	18.138	15.9	0.0	0.7	0.7	4.7
22	15.4	27.0	20.8	79.1	18.965	16.6	0.0	0.3	0.3	1.9
23	16.6	27.5	20.9	75.1	18.189	16.0	0.0	0.0	0.0	5.7
24	17.0	24.5	20.1	81.8	19.045	16.7	0.0	0.0	0.0	0.5
25	15.0	26.0	19.6	78.3	17.449	15.3	0.0	8.4	8.4	3.1
26	15.8	24.5	19.1	85.7	18.859	16.6	0.7	0.0	0.7	1.9
27	15.4	26.4	20.2	77.9	18.092	15.9	0.0	0.6	0.6	7.3
28	16.0	21.0	17.8	94.7	19.458	17.1	31.5	17.6	49.1	0.1
29	14.5	23.0	17.8	86.6	17.748	15.6	2.4	21.3	23.7	1.0
30	14.7	22.5	18.0	85.5	17.447	15.3	1.4	0.7	2.1	1.1
PROM.	15.5	25.3	20.0	76.6	17.430	15.2	78.1	59.2	137.3	106.5

ESTACION: OSPINA PEREZ

MUNICIPIO: CONSACA

AÑO:

1.987

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	15.2	21.4	18.0	89.7	18.670	16.4	1.0	0.0	1.0	0.0
2	14.5	22.0	18.3	79.9	16.586	14.5	0.6	0.3	0.9	0.7
3	15.4	27.0	20.2	80.7	18.951	16.6	0.0	21.0	21.0	6.5
4	15.0	21.0	17.6	92.3	18.331	16.1	1.8	0.0	1.8	1.3
5	14.6	25.5	19.6	78.2	17.476	15.3	0.0	32.4	32.4	6.5
6	14.7	23.0	19.2	82.2	18.047	15.9	1.0	15.2	16.2	1.6
7	15.8	24.5	19.5	85.6	19.236	16.9	1.8	0.1	1.9	5.5
8	15.4	26.0	20.4	80.6	18.975	16.6	0.0	1.9	1.9	6.6
9	15.6	25.5	20.0	74.4	17.420	15.3	0.0	0.4	0.4	4.0
10	14.0	24.5	19.6	81.4	18.219	16.0	4.5	0.0	4.5	3.6
11	16.0	28.4	23.1	54.7	14.399	11.7	0.0	0.0	0.0	7.0
12	15.5	26.0	20.4	75.2	17.407	15.1	0.0	0.0	0.0	5.0
13	15.6	24.0	20.2	79.1	18.582	16.3	0.0	0.9	0.9	2.5
14	15.0	25.0	20.4	79.8	18.597	16.3	0.0	0.0	0.0	4.4
15	15.5	24.0	19.1	87.6	19.165	16.8	4.3	1.5	5.8	5.7
16	15.0	23.5	18.6	87.0	18.696	16.4	0.2	12.6	12.8	1.9
17	15.2	24.0	19.1	85.1	18.777	16.5	7.0	0.0	7.0	1.0
18	15.0	27.4	20.0	78.9	17.967	15.8	0.0	0.0	0.0	10.3
19	15.6	25.0	19.8	79.4	18.056	15.9	0.0	4.5	4.5	6.2
20	15.9	24.5	19.5	81.0	18.176	16.0	10.9	0.0	10.9	2.9
21	15.8	23.0	18.7	84.2	18.134	15.9	12.5	5.9	18.4	2.7
22	15.7	24.0	18.7	80.5	17.491	15.4	0.3	14.9	15.2	4.5
23	14.9	23.4	17.6	86.6	17.547	15.4	0.9	0.1	1.0	3.1
24	15.0	22.5	19.0	83.1	18.101	15.9	0.0	0.0	0.0	1.7
25	14.6	24.0	18.9	83.3	17.976	15.8	0.0	0.0	0.0	4.0
26	14.0	24.5	18.8	84.8	17.958	15.7	0.4	0.0	0.4	6.4
27	13.9	28.0	20.3	67.1	14.851	12.8	0.0	0.0	0.0	10.5
28	15.7	29.5	22.1	55.8	14.747	12.6	0.0	0.0	0.0	9.4
29	16.8	28.5	23.0	40.9	10.989	8.3	0.0	0.0	0.0	8.9
30	19.8	29.6	24.0	34.1	10.395	7.5	0.0	0.0	0.0	10.0
31	16.0	28.5	21.8	56.8	14.794	12.1	0.0	0.0	0.0	8.2
PROM.	15.4	25.1	19.9	76.5	17.249	15.0	47.2	111.7	158.9	153.0

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	27.0	21.0	64.1	15.233	13.3	0.0	0.0	0.0	3.1
2	16.8	26.5	21.3	64.4	16.409	14.2	0.0	0.0	0.0	6.8
3	15.0	25.0	19.6	79.1	17.519	15.4	0.0	0.0	0.0	4.5
4	15.4	24.0	19.3	82.5	18.513	16.3	4.3	3.1	7.4	3.2
5	16.0	23.5	19.1	85.5	18.817	16.5	6.0	2.2	8.2	2.5
6	14.9	25.5	19.1	76.2	18.560	16.3	0.0	0.0	0.0	8.6
7	14.8	24.5	19.9	75.7	17.101	14.9	0.1	0.0	0.1	4.5
8	16.4	23.0	18.9	87.2	19.108	16.8	0.5	0.0	0.5	1.7
9	15.5	27.0	20.7	70.0	16.467	14.4	0.0	0.0	0.0	6.2
10	15.7	28.0	21.6	48.2	11.490	8.8	0.0	0.0	0.0	8.6
11	15.3	26.5	20.6	66.2	15.727	13.5	0.0	0.0	0.0	7.3
12	14.8	27.0	21.0	66.1	16.103	13.8	0.0	0.0	0.0	6.9
13	16.2	28.0	21.7	72.7	18.369	16.0	0.0	0.2	0.2	6.1
14	16.4	21.5	19.4	91.0	20.476	17.9	0.2	0.0	0.2	0.0
15	15.2	25.4	20.4	73.5	17.044	14.9	0.0	0.0	0.0	8.2
16	14.0	29.0	20.5	73.4	16.693	14.5	0.0	0.0	0.0	9.5
17	13.9	27.0	20.6	74.3	17.075	14.9	0.0	0.0	0.0	6.9
18	15.3	28.0	20.7	73.3	17.456	15.3	0.0	0.0	0.0	6.2
19	15.6	28.0	22.0	52.8	12.495	9.7	0.0	0.0	0.0	8.2
20	17.0	27.8	21.7	50.9	13.141	10.3	0.0	0.0	0.0	3.6
21	15.0	29.2	23.1	48.5	13.786	11.3	0.0	0.0	0.0	6.7
22	14.0	27.4	20.4	68.1	15.696	13.5	0.0	0.0	0.0	8.2
23	14.8	27.0	20.2	62.6	14.374	12.0	0.0	0.0	0.0	4.2
24	15.4	24.5	19.8	77.9	17.601	15.4	0.0	0.0	0.0	4.4
25	14.0	27.0	21.2	56.0	13.248	11.0	0.0	0.0	0.0	6.6
26	16.0	28.0	22.7	47.2	12.197	9.6	0.0	0.0	0.0	9.3
27	18.0	27.4	22.3	33.7	9.132	5.7	0.0	0.0	0.0	10.5
28	17.5	28.5	23.4	34.8	10.096	7.1	0.0	0.0	0.0	8.6
29	17.4	31.0	23.2	48.6	13.594	11.5	0.0	0.0	0.0	8.4
30	15.6	27.0	20.3	68.9	16.157	14.0	0.0	0.0	0.0	7.0
PROM.	15.6	26.6	20.9	65.8	15.656	13.3	11.1	5.5	16.6	186.5

ESTACION: OSPINA PEREZ
 ALTITUD: 1.700

MUNICIPIO: CONSACA AÑO: 1.987
 LATITUD: 1-16 N. LONGITUD: 77-28 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	27.5	21.1	67.9	16.577	14.4	0.0	0.0	0.0	7.2
2	13.9	28.0	19.5	76.4	16.664	14.6	0.0	0.0	0.0	4.4
3	14.4	24.0	18.7	78.1	16.961	14.8	0.0	0.0	0.0	0.7
4	14.0	25.0	19.7	79.1	17.773	15.5	3.2	0.0	3.2	6.7
5	15.0	25.5	20.4	53.7	11.825	8.7	0.0	0.0	0.0	6.4
6	16.0	30.0	22.8	33.4	8.797	5.1	0.0	0.0	0.0	3.1
7	15.8	27.0	21.8	51.8	13.212	10.7	0.0	0.0	0.0	5.6
8	15.2	29.0	20.7	72.0	16.883	14.6	0.0	0.0	0.0	6.6
9	16.4	28.6	21.2	70.4	17.047	14.8	0.0	0.0	0.0	5.5
10	16.7	28.4	22.1	49.0	12.852	10.6	0.0	0.0	0.0	2.8
11	14.8	31.0	22.6	55.3	14.316	12.2	0.0	0.0	0.0	8.1
12	15.4	27.5	21.5	49.5	12.146	9.7	0.0	0.0	0.0	8.4
13	16.0	26.0	20.1	70.3	16.211	14.1	0.0	0.0	0.0	4.2
14	15.9	29.0	21.9	49.0	12.773	10.6	0.0	0.0	0.0	3.4
15	14.8	27.0	20.2	67.3	15.216	13.0	0.0	0.0	0.0	3.0
16	15.4	27.4	21.2	55.2	13.660	11.2	0.0	0.0	0.0	5.9
17	16.0	22.3	18.5	85.5	18.106	15.9	0.9	2.4	3.3	1.3
18	13.9	26.5	19.1	79.0	17.051	14.9	4.5	0.0	4.5	5.9
19	14.7	28.2	20.9	64.9	15.402	13.3	0.0	0.0	0.0	8.3
20	16.4	29.0	22.7	44.4	11.147	8.3	0.0	0.0	0.0	7.6
21	16.5	28.0	20.8	68.6	16.761	14.7	0.0	0.0	0.0	4.5
22	14.8	28.0	20.1	74.7	17.362	15.3	0.0	0.0	0.0	5.1
23	13.8	27.0	20.4	68.0	15.290	13.1	0.0	0.0	0.0	7.1
24	14.7	24.5	19.1	75.9	16.472	14.4	0.0	0.0	0.0	0.9
25	15.8	28.0	20.3	78.6	18.188	15.9	0.5	7.0	7.5	5.4
26	15.7	24.0	19.2	82.6	18.055	15.9	6.0	0.0	6.0	1.6
27	13.5	25.0	19.5	71.0	15.529	13.4	0.0	10.8	10.8	5.8
28	14.8	24.0	18.9	80.6	17.257	15.1	0.9	14.1	15.0	4.4
29	15.4	23.0	18.3	89.1	18.716	16.4	6.4	6.2	12.6	1.6
30	15.0	22.0	17.6	88.9	17.928	15.6	1.0	0.9	1.9	0.6
31	15.3	23.0	18.3	84.8	17.768	15.6	3.5	2.8	6.3	1.1
PROM.	15.2	26.6	20.3	68.2	15.611	13.3	26.9	44.2	71.1	143.2

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	18.6	16.5	96.1	18.306	16.1	9.1	3.9	13.0	1.6
2	14.2	23.0	18.4	84.3	17.737	15.6	0.0	0.0	0.0	0.0
3	14.5	25.0	19.9	74.3	16.717	14.6	0.8	0.2	1.0	8.3
4	13.8	26.0	18.9	73.8	15.634	13.6	0.2	0.0	0.2	7.9
5	15.7	24.0	18.6	86.1	18.349	16.1	2.7	0.0	2.7	4.4
6	14.6	26.5	19.4	78.3	17.060	14.9	0.0	0.0	0.0	8.6
7	15.8	24.0	19.6	78.7	17.621	15.5	0.0	1.3	1.3	3.4
8	15.4	23.5	19.1	78.7	17.320	15.2	0.0	6.0	6.0	3.8
9	15.0	25.0	19.6	80.7	18.164	16.0	0.0	0.1	0.1	4.8
10	14.7	23.5	18.9	76.8	16.323	14.3	0.0	0.0	0.0	4.8
11	13.9	24.0	18.4	76.2	15.866	13.7	4.5	5.3	9.8	6.8
12	14.9	22.2	18.7	84.5	18.081	15.9	1.5	0.0	1.5	1.0
13	14.0	25.0	20.3	45.8	10.195	7.2	0.0	0.0	0.0	4.9
14	15.8	28.0	21.8	42.2	10.413	7.4	0.0	0.0	0.0	8.1
15	17.4	28.0	22.8	43.4	11.956	9.6	0.0	0.0	0.0	5.8
16	16.4	26.0	21.0	69.6	17.443	15.3	0.0	0.0	0.0	3.9
17	15.4	27.0	19.9	70.4	15.440	13.0	0.0	0.0	0.0	6.3
18	14.5	26.5	19.9	61.1	13.520	11.2	0.0	0.0	0.0	4.0
19	14.0	27.0	21.6	42.8	10.354	7.4	0.0	0.0	0.0	7.8
20	15.4	25.0	19.8	70.0	15.382	13.3	0.0	0.0	0.0	6.5
21	14.8	27.0	20.9	65.3	15.720	13.7	0.0	0.0	0.0	7.0
22	15.4	26.5	21.9	54.7	13.319	10.7	0.0	0.0	0.0	9.2
23	14.7	28.4	22.0	45.1	11.138	8.3	0.0	0.0	0.0	8.6
24	18.0	28.0	22.8	34.8	9.748	6.6	0.0	0.0	0.0	9.6
25	15.8	28.5	22.0	47.4	11.657	9.1	0.0	0.0	0.0	7.8
26	16.0	25.5	21.1	45.8	11.429	8.9	0.0	0.0	0.0	3.6
27	15.4	26.4	19.6	74.1	16.896	14.8	0.0	0.0	0.0	5.2
28	14.8	28.8	21.1	63.0	14.880	12.7	0.0	0.0	0.0	6.6
29	15.0	28.5	22.1	54.8	14.263	12.1	0.0	0.0	0.0	9.4
30	15.2	27.0	19.9	77.9	17.764	15.5	6.2	2.2	8.4	5.9
31	15.4	25.5	20.3	68.1	15.587	13.5	0.0	0.0	0.0	4.4
PROM.	15.2	25.7	20.2	66.0	14.977	12.6	25.0	19.0	44.0	180.0

ESTACION: OSPINA PEREZ

MUNICIPIO: CONSACA

AÑO: 1.987

ALTITUD: 1.700

LATITUD: 1-16 N.

LONGITUD: 77-28 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	24.0	19.1	84.5	18.565	16.3	0.0	0.0	0.0	2.2
2	14.0	26.0	20.1	68.0	15.044	12.9	0.0	0.0	0.0	8.5
3	13.2	25.5	18.9	73.6	15.498	13.4	1.0	0.9	1.9	7.0
4	16.0	24.2	19.2	75.6	16.428	14.3	0.6	0.0	0.6	1.2
5	13.8	27.0	19.5	68.9	15.197	13.1	8.4	5.0	13.4	6.1
6	15.4	27.4	19.4	78.9	17.603	15.5	7.6	0.0	7.6	6.5
7	14.7	26.4	19.9	78.7	17.960	15.8	0.0	0.0	0.0	3.8
8	16.0	24.0	19.1	80.7	17.831	15.7	0.0	0.0	0.0	1.8
9	14.0	24.8	18.9	76.7	16.262	14.2	0.0	0.0	0.0	3.9
10	13.7	27.0	19.4	71.2	15.134	13.0	0.0	0.0	0.0	6.9
11	14.9	27.4	20.8	55.6	13.558	11.1	0.0	0.0	0.0	8.1
12	15.0	28.0	20.8	62.1	14.260	12.0	0.0	0.0	0.0	8.0
13	14.4	24.6	19.9	76.7	17.382	15.2	0.5	0.6	1.1	2.7
14	14.0	29.0	20.7	72.1	16.710	14.7	0.0	0.0	0.0	9.8
15	16.0	30.0	21.2	71.9	17.707	15.5	0.0	0.0	0.0	7.7
16	15.0	30.2	21.9	60.3	14.027	11.6	0.0	0.0	0.0	2.2
17	14.8	26.4	20.5	66.1	15.479	13.2	0.0	0.0	0.0	6.6
18	15.5	30.0	21.7	68.6	16.536	14.3	0.0	0.0	0.0	5.6
19	15.5	30.5	21.5	65.7	15.761	13.6	0.0	0.0	0.0	0.9
20	13.5	24.0	19.5	75.9	16.870	14.8	0.0	0.0	0.0	0.7
21	15.0	23.9	19.2	74.9	16.278	14.3	0.3	0.4	0.7	5.2
22	14.0	26.0	18.5	73.6	15.338	13.3	6.8	0.0	6.8	1.7
23	14.5	28.0	19.9	79.9	18.177	16.0	0.1	1.7	1.8	4.3
24	15.0	24.5	19.9	75.0	16.926	14.9	0.0	0.0	0.0	4.7
25	16.0	21.5	17.7	87.2	17.689	15.6	0.2	0.0	0.2	0.1
26	14.5	28.8	19.4	75.6	16.562	14.4	11.6	0.0	11.6	7.4
27	15.0	28.6	20.8	75.6	18.107	15.9	0.0	0.0	0.0	7.4
28	16.8	27.5	20.5	73.0	17.084	14.9	0.0	18.5	18.5	7.6
29	15.5	28.4	20.5	75.7	17.930	15.8	3.1	20.1	23.2	6.8
30	15.0	24.8	17.9	84.7	17.342	15.3	9.1	0.8	9.9	4.0
PROM.	14.9	26.6	19.9	73.6	16.508	14.4	49.3	48.0	97.3	158.5

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	15.2	26.5	19.2	80.1	17.639	15.5	0.3	14.7	15.0	6.8
2	15.5	24.0	18.5	87.3	18.359	16.1	1.5	7.0	8.5	1.9
3	15.8	25.0	19.6	79.5	18.458	16.2	3.4	2.5	5.9	2.1
4	14.5	23.8	19.3	79.7	17.503	15.3	0.0	0.8	0.8	2.8
5	16.0	23.0	19.1	85.8	19.071	16.7	0.0	0.0	0.0	3.1
6	16.0	27.5	20.2	77.2	17.617	15.4	0.0	0.0	0.0	6.3
7	16.5	25.4	20.3	80.8	19.132	16.8	0.0	0.0	0.0	6.5
8	16.0	26.4	19.5	71.8	15.711	13.5	0.0	0.4	0.4	1.5
9	15.0	26.0	19.9	78.1	17.716	15.5	0.0	1.2	1.2	6.5
10	15.5	26.0	19.7	80.8	18.624	16.4	17.2	0.1	17.3	2.1
11	17.0	24.8	19.1	82.3	18.211	16.0	0.0	0.0	0.0	3.6
12	16.5	27.0	20.6	74.0	17.517	15.3	0.0	0.0	0.0	3.6
13	16.5	28.4	20.3	75.7	17.731	15.6	1.5	0.2	1.7	5.4
14	14.5	25.5	20.3	75.8	17.592	15.4	0.0	7.5	7.5	6.8
15	15.0	26.0	20.2	77.6	18.192	16.0	0.0	0.0	0.0	4.5
16	14.5	25.0	19.9	72.1	16.411	14.3	0.0	5.6	5.6	4.8
17	16.0	23.5	18.8	82.3	17.981	15.8	0.0	12.4	12.4	0.1
18	16.0	25.5	19.7	80.3	18.346	16.1	0.0	21.1	21.1	3.8
19	15.5	25.0	19.0	86.4	19.019	16.7	0.0	0.8	0.8	5.4
20	15.8	25.0	19.4	88.0	19.563	17.2	0.0	13.1	13.1	2.8
21	16.0	22.0	18.6	86.6	18.642	16.4	9.3	0.3	9.6	0.0
22	15.5	25.0	19.4	85.6	19.117	16.7	0.1	0.0	0.1	6.2
23	15.0	26.0	18.7	86.2	18.852	16.6	0.0	0.0	0.0	3.0
24	14.8	24.0	19.0	84.8	18.871	16.6	5.5	5.8	11.3	2.8
25	14.5	25.0	19.0	86.9	19.137	16.8	0.3	0.2	0.5	7.7
26	15.0	26.0	20.0	82.6	18.909	16.6	0.0	10.0	10.0	6.4
27	16.0	25.5	19.7	84.8	19.301	16.9	0.0	18.1	18.1	5.4
28	14.5	21.0	16.7	88.3	16.859	14.8	0.0	0.0	0.0	C.C.
29	15.5	23.0	18.6	85.8	18.305	16.1	1.2	0.3	1.5	1.5
30	15.6	25.0	19.7	83.8	19.108	16.8	0.0	0.0	0.0	4.3
31	16.0	25.5	19.4	83.0	18.792	16.5	0.0	29.7	29.7	2.4
PROM.	15.5	25.1	19.4	81.7	18.267	16.0	40.3	151.8	192.1	120.7

ESTACION: OSPINA PEREZ
 ALTITUD: 1.700

MUNICIPIO: CONSACA
 LATITUD: 1-16 N.

AÑO: 1.987
 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	14.0	24.0	19.0	81.4	17.696	15.6	0.2	0.0	0.2	3.8
2	15.5	26.0	20.1	74.6	16.941	14.8	0.0	0.0	0.0	7.9
3	15.6	25.8	19.6	81.2	18.326	16.1	0.0	1.4	1.4	3.5
4	14.5	23.5	18.3	82.9	17.134	15.0	3.4	0.0	3.4	4.2
5	14.7	25.0	19.1	83.1	18.162	16.0	0.0	0.0	0.0	5.0
6	15.8	25.4	19.5	84.9	19.232	16.9	1.6	0.0	1.6	2.6
7	14.8	24.5	18.5	89.2	18.877	16.6	0.0	0.0	0.0	8.2
8	13.8	27.5	20.3	74.5	17.194	15.0	0.0	0.2	0.2	3.2
9	15.0	28.0	20.0	74.3	16.760	14.6	0.0	0.0	0.0	7.3
10	15.5	25.0	19.9	73.5	17.176	15.0	0.0	0.0	0.0	2.3
11	15.0	26.8	20.1	80.6	18.745	16.4	0.0	0.0	0.0	4.7
12	14.5	28.2	20.7	68.3	16.002	13.8	0.0	0.0	0.0	8.3
13	14.0	25.4	19.6	77.4	17.229	15.0	1.3	1.5	2.8	6.2
14	14.5	22.4	19.0	87.2	19.257	16.9	4.4	8.6	13.0	4.3
15	16.0	25.8	20.0	76.3	17.112	14.8	2.0	4.3	6.3	6.2
16	16.4	24.4	20.4	79.1	18.493	16.0	0.0	0.0	0.0	1.8
17	15.8	25.4	20.2	87.3	20.854	18.2	0.0	0.3	0.3	2.8
18	16.7	25.8	19.8	84.5	19.654	17.2	0.1	2.2	2.3	3.1
19	15.9	24.5	19.2	83.9	18.583	16.3	0.0	1.3	1.3	0.8
20	16.4	25.5	20.2	81.2	19.133	16.8	0.0	1.6	1.6	2.5
21	16.0	25.3	19.9	79.8	18.244	16.1	0.8	0.0	0.8	3.7
22	16.8	27.4	20.8	79.5	19.154	16.8	0.0	0.0	0.0	9.5
23	14.0	27.2	20.8	78.5	18.811	16.5	0.0	0.0	0.0	9.8
24	16.0	28.0	20.9	79.0	19.281	16.9	0.0	0.0	0.0	9.9
25	16.5	26.0	19.7	83.7	19.395	17.0	0.0	4.3	4.3	9.9
26	15.8	27.5	20.2	77.5	18.144	16.0	0.0	0.0	0.0	8.9
27	13.8	26.8	20.2	71.0	15.939	13.6	0.0	0.0	0.0	6.5
28	15.5	22.5	19.1	81.8	17.945	15.8	0.0	0.0	0.0	0.1
29	13.8	27.0	19.8	79.7	18.116	15.8	0.0	1.5	1.5	9.4
30	15.0	23.0	18.4	85.3	18.275	16.1	2.3	0.0	2.3	0.4
PROM.	15.3	25.7	19.8	80.0	18.195	15.9	16.1	27.2	43.3	157.2

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	15.0	25.5	19.3	79.4	17.563	15.4	0.0	4.2	4.2	5.9
2	15.5	22.8	18.0	91.5	18.995	16.7	0.0	8.2	8.2	0.1
3	16.0	26.0	18.9	86.7	18.927	16.6	1.7	3.2	4.9	4.2
4	13.8	26.1	19.2	81.4	17.749	15.6	0.0	0.7	0.7	8.1
5	15.0	26.5	20.1	78.4	18.525	16.3	0.0	0.0	0.0	9.7
6	14.0	27.4	20.5	75.7	17.755	15.5	0.0	0.4	0.4	4.0
7	16.6	26.0	19.4	80.8	18.228	16.0	0.6	0.0	0.6	5.0
8	14.8	27.0	19.5	80.7	18.059	15.8	0.5	0.7	1.2	8.4
9	14.0	26.0	19.1	79.9	17.321	15.2	5.1	0.0	5.1	7.7
10	13.0	25.5	19.1	77.6	16.689	14.5	0.0	0.6	0.6	4.6
11	14.5	25.3	20.0	75.4	17.194	15.1	0.0	0.0	0.0	8.3
12	16.0	26.5	20.5	80.6	19.137	16.8	0.0	0.0	0.0	6.1
13	15.0	23.0	19.0	88.2	19.283	16.9	0.0	0.0	0.0	1.1
14	15.5	24.0	18.8	88.5	19.194	16.8	0.0	0.0	0.0	0.6
15	13.4	25.0	18.9	76.0	16.015	13.9	0.0	0.0	0.0	4.5
16	14.0	27.0	19.7	80.7	17.995	15.7	0.0	0.0	0.0	7.7
17	15.8	26.4	20.4	78.9	18.664	16.4	0.0	0.0	0.0	6.4
18	14.8	28.5	21.4	71.5	18.074	15.9	0.0	0.0	0.0	5.3
19	16.5	27.4	22.1	68.3	18.454	16.2	0.0	0.0	0.0	4.4
20	16.8	29.5	22.9	54.9	15.696	13.6	0.0	0.0	0.0	3.3
21	15.8	27.5	22.0	59.0	14.586	12.5	0.0	0.0	0.0	5.3
22	16.8	25.5	20.5	81.7	19.585	17.2	0.0	0.0	0.0	2.6
23	14.6	30.0	21.0	73.1	17.443	15.3	0.0	0.0	0.0	8.7
24	15.0	30.2	22.1	63.7	16.200	14.0	0.0	0.0	0.0	7.2
25	16.5	28.0	21.0	74.5	18.090	15.7	0.0	0.0	0.0	5.0
26	14.0	28.8	21.0	71.7	17.180	15.1	0.0	0.6	0.6	10.0
27	13.4	27.5	21.2	64.4	15.912	13.6	0.0	0.0	0.0	9.6
28	14.8	26.5	20.1	74.7	17.070	15.0	0.0	0.0	0.0	7.7
29	13.5	26.0	20.2	75.1	17.123	15.0	0.0	0.0	0.0	5.2
30	14.8	27.0	20.1	78.0	17.799	15.6	0.0	0.0	0.0	4.8
31	16.5	28.4	20.2	79.4	18.705	16.4	0.0	0.0	0.0	4.1
PROM.	15.0	26.7	20.2	76.5	17.716	15.5	7.9	29.5	37.4	175.6

ESTACION: OSPINA PEREZ MUNICIPIO CCNSACA AÑO 1.987
 ALTITUD: 1.700 LATITUD: 1-16 N. LONGITUD 77-28 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brilla solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días Húvias	
ENERO	14.9	25.3	19.8	13.0	29.0	74.4	16.661	14.5	73.7	13	164.7
FEBRERO	15.4	26.1	20.4	12.3	29.0	68.6	15.758	13.5	86.5	7	126.9
MARZO	15.0	26.2	20.1	13.5	29.4	73.9	16.809	14.6	137.4	13	170.0
ABRIL	15.5	25.3	20.0	14.4	29.4	76.6	17.430	15.2	137.3	18	106.5
MAYO	15.4	25.1	19.9	13.9	29.6	76.5	17.249	15.0	158.9	20	153.0
JUNIO	15.6	26.6	20.9	13.9	31.0	65.8	15.656	13.3	16.6	6	186.5
JULIO	15.2	26.6	20.3	13.5	31.0	68.2	15.611	13.3	71.1	10	143.2
AGOSTO	15.2	25.7	20.2	13.8	28.8	66.0	14.977	12.6	44.0	10	180.0
SEPTIEMBRE	14.9	26.6	19.9	13.2	30.5	73.6	16.508	14.4	97.3	13	158.5
OCTUBRE	15.5	25.1	19.4	14.5	28.4	81.7	18.267	16.0	192.1	22	120.7
NOVIEMBRE	15.3	25.7	19.8	13.8	28.2	80.0	18.195	15.9	43.3	16	157.2
DICIEMBRE	15.0	26.7	20.2	13.0	30.2	76.5	17.716	15.5	37.4	10	175.6
PROMEDIO	15.2	25.9	20.1	13.6	29.5	73.5	16.736	14.5			
TOTAL									1095.6	158	1842.8

ESTACION: FRANCISCO ROMERO

MUNICIPIO: SALAZAR

AÑO: 1.987

ALTITUD: 1.000

LATITUD: 7-46 N.

LONGITUD: 72-48 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	29.0	21.8	69.9	17.540	15.4	0.0	0.0	0.0	5.9
2	16.8	28.8	22.1	69.9	17.912	15.6	0.0	0.0	0.0	7.6
3	18.4	28.4	21.8	73.4	18.717	16.4	0.0	0.0	0.0	4.4
4	16.5	30.0	23.0	73.9	19.720	17.0	0.0	0.0	0.0	7.1
5	18.0	29.0	22.8	73.7	19.967	17.4	0.0	0.0	0.0	6.7
6	17.5	26.0	21.9	84.2	21.985	19.0	0.0	0.0	0.0	1.8
7	18.5	22.5	20.2	90.3	21.569	18.7	20.0	44.0	44.0	0.2
8	18.0	23.0	20.0	89.7	21.107	18.3	7.8	60.2	80.2	0.0
9	18.2	20.4	19.3	87.2	19.417	16.9	2.1	14.2	22.0	0.0
10	16.8	27.0	20.1	79.5	18.767	16.5	0.0	0.0	0.0	0.0
11	16.0	28.0	21.0	74.3	17.607	15.3	0.0	0.0	0.0	4.8
12	15.0	28.3	20.3	71.8	16.519	14.4	0.0	0.0	0.0	7.9
13	15.4	27.4	21.7	71.2	17.427	15.0	0.0	0.0	0.0	7.7
14	15.8	28.0	22.0	72.8	18.536	16.1	0.0	0.0	0.0	5.8
15	15.5	29.0	22.1	72.4	18.468	16.1	0.0	0.0	0.0	6.5
16	16.8	28.5	21.5	73.6	18.629	16.3	0.0	0.0	0.0	7.1
17	16.5	26.3	21.2	77.0	19.051	16.7	0.0	0.0	0.0	5.7
18	18.0	26.0	20.6	79.2	19.368	16.9	0.0	0.0	0.0	1.7
19	16.0	29.0	21.7	70.7	18.175	15.9	0.7	0.0	0.7	1.4
20	15.5	29.0	22.1	71.6	18.308	16.0	0.0	0.0	0.0	3.8
21	16.0	28.0	21.6	72.9	17.952	15.6	0.0	0.0	0.0	7.5
22	18.0	30.0	22.4	70.7	18.175	15.7	0.0	0.0	0.0	4.7
23	17.5	30.0	22.9	72.0	19.476	17.0	0.0	19.2	19.2	5.5
24	19.4	26.0	21.7	86.7	22.445	19.3	0.0	0.0	0.0	5.9
25	17.0	27.5	21.4	75.5	18.600	16.3	0.0	0.0	0.0	2.3
26	16.0	29.0	22.3	73.1	18.854	16.4	0.0	0.0	0.0	6.3
27	16.5	28.8	22.6	74.7	19.544	17.0	0.0	0.0	0.0	7.6
28	17.0	29.0	22.6	72.0	18.839	16.4	0.0	0.0	0.0	7.4
29	16.0	26.0	21.1	84.2	20.661	17.9	0.0	0.0	0.0	7.6
30	18.0	24.0	20.8	86.3	21.154	18.4	0.0	0.0	0.0	5.4
31	17.0	26.8	21.8	80.1	20.441	17.8	0.0	5.6	6.7	1.0
PROM.	16.9	27.4	21.6	76.6	19.191	16.7	31.7	143.2	74.9	151.6

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	29.5	23.4	74.9	20.417	17.7	0.0	0.0	0.0	6.4
2	18.0	29.2	22.8	73.2	19.579	17.0	0.0	0.0	0.0	5.6
3	17.5	30.4	22.9	68.7	18.783	16.5	0.0	0.0	0.0	5.8
4	17.8	30.2	23.5	70.5	20.141	17.6	0.0	0.0	0.0	7.5
5	16.0	30.5	22.3	66.2	17.209	14.9	0.0	0.0	0.0	7.0
6	17.5	30.0	23.0	70.0	18.397	15.9	0.0	0.0	0.0	7.2
7	17.0	30.0	23.3	66.7	18.074	15.8	0.0	0.0	0.0	6.6
8	18.0	29.5	23.3	71.6	19.773	17.3	0.0	0.0	0.0	4.3
9	18.0	25.0	22.0	82.5	21.850	18.9	0.0	0.0	0.0	1.0
10	18.2	26.0	21.7	83.1	21.460	18.6	0.0	0.0	0.0	1.4
11	17.5	25.0	21.2	86.9	21.673	18.7	0.0	0.0	0.0	1.0
12	19.4	27.0	22.6	77.4	20.944	18.2	0.0	0.0	0.0	1.8
13	18.0	31.0	24.0	72.0	20.329	17.4	0.0	2.1	2.1	6.2
14	19.0	25.5	21.3	85.9	21.704	18.8	0.0	0.0	0.0	0.4
15	18.0	27.2	22.8	77.3	20.884	18.1	0.0	0.0	0.0	7.1
16	18.3	30.4	23.3	70.9	19.438	17.0	0.0	0.0	0.0	6.2
17	17.4	30.0	22.9	73.3	19.700	17.2	0.0	0.0	0.0	5.9
18	18.6	30.3	23.6	67.1	18.850	16.4	0.0	0.0	0.0	7.8
19	19.0	26.0	22.8	79.8	21.787	18.9	0.0	0.0	0.0	0.4
20	18.0	28.3	23.6	76.2	21.348	18.4	0.0	0.0	0.0	3.0
21	17.4	30.6	23.6	68.1	18.749	16.3	0.0	0.0	0.0	4.9
22	17.0	31.0	23.3	66.4	17.853	15.6	0.0	0.0	0.0	7.6
23	17.5	30.5	23.4	67.4	18.303	16.0	0.0	0.0	0.0	7.8
24	17.0	31.0	23.6	64.1	17.773	15.5	0.0	0.0	0.0	1.9
25	18.0	27.5	22.4	77.7	20.994	18.3	0.0	0.0	0.0	2.2
26	18.4	30.0	24.1	69.3	20.256	17.6	0.0	0.0	0.0	3.7
27	18.8	30.4	24.0	66.9	19.201	16.7	0.0	0.0	0.0	3.6
28	17.0	29.4	23.5	71.7	19.616	17.1	0.0	0.0	0.0	4.2
PROM	17.8	29.0	23.0	73.1	19.824	17.2	0.0	2.1	2.1	128.5

ESTACION: FRANCISCO ROMERO
 ALTITUD: 1.000

MUNICIPIO: SALAZAR
 LATITUD: 7-46 N.

AÑO: 1.987
 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	17.5	31.2	24.3	67.8	19.397	17.0	0.0	0.0	0.0	3.8
2	18.0	30.0	23.9	69.8	19.747	17.2	0.0	0.0	0.0	2.6
3	17.9	31.4	24.8	66.9	19.499	16.9	0.0	0.0	0.0	6.2
4	18.8	28.0	23.5	77.6	21.967	18.9	0.0	0.0	0.0	1.2
5	18.6	29.0	23.9	72.1	20.432	17.7	0.0	0.0	0.0	4.3
6	19.7	27.0	22.8	78.1	21.130	18.2	0.0	0.0	0.0	2.2
7	17.4	29.8	23.6	72.0	20.089	17.4	0.0	23.0	23.0	4.2
8	18.0	27.0	21.9	80.5	20.714	18.0	0.0	0.0	0.0	4.7
9	17.0	26.0	21.4	82.5	21.066	18.3	0.0	0.0	0.0	3.2
10	17.3	28.0	22.3	75.0	19.856	17.4	0.0	0.0	0.0	6.3
11	18.4	28.1	22.0	76.8	20.099	17.5	0.0	0.0	0.0	6.2
12	16.0	27.5	22.8	72.7	19.404	16.8	0.0	0.0	0.0	6.2
13	19.4	25.3	22.2	82.2	21.876	18.9	0.0	11.1	11.1	0.0
14	18.8	28.0	22.8	77.6	20.866	18.1	1.2	5.3	6.5	1.2
15	19.4	23.0	20.3	91.4	21.616	18.7	0.0	0.0	0.0	0.3
16	18.6	24.0	20.3	88.5	20.940	18.2	1.2	0.0	1.2	0.2
17	18.0	27.0	21.8	79.5	20.543	17.9	0.0	0.0	0.0	3.8
18	18.5	28.8	23.5	73.6	20.798	18.1	0.0	0.0	0.0	5.8
19	18.7	30.0	24.0	74.9	21.575	18.7	0.0	0.0	0.0	4.9
20	19.6	31.2	24.4	73.2	21.750	18.8	0.0	0.0	0.0	5.7
21	19.3	31.0	24.8	65.5	19.664	17.2	0.0	0.0	0.0	7.1
22	19.8	31.5	25.0	69.0	21.014	18.2	0.0	0.0	0.0	4.6
23	19.0	32.0	25.3	67.8	21.243	18.4	0.0	0.2	0.2	5.4
24	20.0	29.8	24.9	76.6	23.669	20.1	0.0	0.0	0.0	3.1
25	20.8	31.4	25.5	76.2	24.232	20.5	0.0	80.0	80.0	3.8
26	20.0	28.4	23.2	80.1	22.715	19.5	0.0	0.0	0.0	1.8
27	19.8	25.0	22.3	84.9	22.619	19.4	13.5	0.0	13.5	1.8
28	20.3	28.3	23.7	80.3	23.489	20.0	0.0	17.0	17.0	4.4
29	20.4	26.4	23.2	83.9	23.651	20.2	0.0	0.0	0.0	3.2
30	20.5	26.6	23.0	84.7	23.731	20.2	0.0	36.0	36.0	0.4
31	19.8	29.5	23.4	78.6	22.043	18.9	10.0	8.7	18.7	5.7
PROM.	18.9	28.4	23.3	76.8	21.337	18.4	25.9	181.3	207.2	114.5

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	19.4	24.5	21.6	87.9	22.646	19.5	0.8	8.0	8.8	0.0
2	18.8	27.6	23.1	77.8	21.499	18.6	0.7	2.6	3.3	2.3
3	20.0	25.0	21.4	90.8	23.493	20.1	0.5	0.0	0.5	0.1
4	18.0	29.5	23.1	76.9	21.196	18.3	0.2	0.0	0.2	5.2
5	19.0	28.6	23.4	77.5	22.030	19.0	0.0	1.3	1.3	4.0
6	18.6	27.5	23.4	74.7	20.775	17.7	0.2	3.6	3.8	1.0
7	18.4	29.5	23.5	75.6	21.510	18.6	0.0	0.0	0.0	4.8
8	19.0	28.6	23.4	77.4	22.094	19.1	0.0	0.0	0.0	2.3
9	19.2	30.0	25.2	71.9	22.127	19.0	0.0	3.3	3.3	6.2
10	19.8	29.6	24.1	79.2	23.049	19.7	0.0	0.0	0.0	5.0
11	18.7	28.6	22.8	83.1	23.029	19.7	2.3	0.0	2.3	3.1
12	17.2	30.0	24.7	69.2	20.681	17.9	0.0	0.0	0.0	7.4
13	18.5	28.0	23.1	67.7	18.893	16.4	0.0	0.0	0.0	5.0
14	17.0	29.6	22.9	71.5	19.266	16.2	0.0	0.0	0.0	4.3
15	16.8	30.6	23.5	68.2	19.005	16.4	0.0	0.0	0.0	8.8
16	18.6	30.8	25.1	67.2	20.641	17.8	0.0	0.0	0.0	9.9
17	19.4	28.5	23.9	80.7	23.741	20.2	0.0	0.0	0.0	5.1
18	19.8	29.0	23.6	76.1	21.876	18.9	0.0	0.0	0.0	2.7
19	18.8	31.0	24.1	68.7	20.118	17.5	0.0	0.0	0.0	7.0
20	18.4	31.6	24.5	63.6	18.586	16.3	0.0	0.0	0.0	8.8
21	19.8	31.2	24.5	68.6	20.916	18.2	0.0	0.0	0.0	4.5
22	18.0	32.2	25.0	68.5	20.464	17.7	0.0	0.0	0.0	6.9
23	19.4	28.5	23.6	72.4	21.357	18.5	0.0	0.0	0.0	1.5
24	18.8	29.6	24.4	70.3	21.047	18.2	0.0	0.0	0.0	8.5
25	20.0	30.5	24.7	63.6	19.283	16.2	0.0	0.0	0.0	4.4
26	19.8	27.5	23.3	79.4	22.731	19.5	6.0	26.5	32.5	1.0
27	19.0	28.5	23.6	74.8	21.089	18.2	0.0	24.0	24.0	3.5
28	19.4	26.5	22.5	83.6	22.556	19.4	0.0	0.0	0.0	0.2
29	19.0	29.2	25.0	66.1	20.146	17.3	0.0	0.0	0.0	4.2
30	19.0	29.0	24.2	71.1	20.698	17.2	0.0	0.0	0.0	3.2
PROM.	18.9	29.0	23.7	74.1	21.218	18.3	10.7	69.3	80.0	132.5

ESTACION: FRANCISCO ROMERO
 ALTITUD: 1.000

MUNICIPIO: SALAZAR
 LATITUD: 7-46 N.

AÑO: 1.987
 LONGITUD: 72-48 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.4	26.8	22.1	80.6	21.721	18.8	1.3	0.0	1.3	0.9
2	18.3	28.4	23.5	78.1	21.910	18.9	0.0	0.2	0.2	1.9
3	18.2	28.0	23.2	75.2	20.741	18.0	0.0	0.0	0.0	2.9
4	19.0	29.6	23.6	73.0	20.514	17.6	0.0	0.0	0.0	4.4
5	19.3	26.4	20.4	93.8	22.675	19.5	63.8	0.0	63.8	2.8
6	18.4	27.4	21.7	85.9	22.565	19.4	17.2	45.9	63.1	3.6
7	18.2	27.0	22.3	85.7	23.127	19.8	0.0	0.0	0.0	4.5
8	18.0	30.4	24.1	72.1	20.621	17.7	0.0	0.0	0.0	8.7
9	19.4	28.5	22.7	77.2	21.240	18.3	4.1	0.0	4.1	3.7
10	19.2	29.0	23.6	76.5	21.698	18.7	0.0	0.0	0.0	4.9
11	18.9	30.0	23.5	75.6	21.540	18.6	0.0	0.0	0.0	6.9
12	19.0	28.3	23.0	74.9	20.952	18.2	0.0	0.0	0.0	2.6
13	19.3	29.2	24.7	70.5	21.263	18.4	1.0	16.7	17.7	7.3
14	18.4	28.6	23.1	77.1	21.569	18.6	2.0	0.0	2.0	4.2
15	18.3	28.5	22.6	76.3	20.762	18.1	0.8	1.3	2.1	6.9
16	18.4	27.0	22.2	82.9	22.217	19.2	40.0	20.9	60.9	1.2
17	18.4	26.0	20.9	89.2	22.443	19.3	6.0	0.0	6.0	
18	18.2	29.6	24.3	70.8	20.816	18.0	0.0	6.7	6.7	
19	18.0	31.0	24.5	72.1	21.255	18.3	0.0	0.0	0.0	7.6
20	19.0	28.6	23.1	81.1	23.049	19.8	2.5	25.7	28.2	2.4
21	18.4	29.8	23.3	78.7	22.349	19.3	9.1	5.0	14.1	4.1
22	19.2	26.2	21.5	91.1	23.561	20.1	22.1	53.5	75.6	1.6
23	19.4	28.0	23.0	83.4	23.275	19.9	5.4	36.6	42.0	2.3
24	19.6	26.0	22.1	86.3	22.982	19.7	1.4	0.0	1.4	0.0
25	19.4	27.0	23.0	78.7	21.956	18.9	0.0	1.0	1.0	2.2
26	19.3	26.2	22.0	83.8	22.074	19.0	6.1	2.5	8.6	1.4
27	18.4	28.8	22.8	79.9	21.999	19.0	1.3	0.0	1.3	6.3
28	18.2	29.6	23.7	76.4	21.982	19.0	0.0	0.0	0.0	8.7
29	18.1	29.5	23.4	76.3	21.773	18.8	0.0	0.0	0.0	9.4
30	19.0	29.9	24.0	76.6	22.632	19.4	0.0	0.0	0.0	9.0
31	19.2	29.0	23.6	80.3	23.358	20.0	0.0	0.0	0.0	3.1
PROM.	18.8	28.3	23.0	79.4	21.955	18.9	184.1	216.0	400.1	

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	19.0	28.6	23.6	77.6	22.402	19.3	0.0	0.0	0.0	7.0
2	18.4	29.6	24.2	72.8	20.768	17.4	0.0	1.6	1.6	5.1
3	18.6	27.8	23.0	77.2	21.731	18.8	0.0	0.0	0.0	1.5
4	18.2	30.0	22.5	78.9	21.128	18.3	2.5	0.0	2.5	4.9
5	18.4	29.0	24.3	75.1	22.283	19.2	0.0	9.2	9.2	4.6
6	18.0	27.0	22.5	85.5	23.189	19.8	6.9	0.0	6.9	0.3
7	18.4	28.4	22.3	78.0	20.829	18.1	0.0	0.0	0.0	3.8
8	18.0	29.4	23.3	74.5	21.271	18.5	0.0	0.0	0.0	5.7
9	18.6	26.8	22.0	79.4	20.920	18.2	0.0	0.0	0.0	0.4
10	18.4	30.0	23.8	74.3	21.452	18.6	0.0	0.0	0.0	6.8
11	18.7	28.5	23.6	72.9	20.933	18.1	0.0	0.0	0.0	2.5
12	18.4	29.6	23.7	73.4	20.970	18.1	0.0	0.0	0.0	4.5
13	18.6	31.2	24.9	69.0	20.944	18.1	0.0	0.0	0.0	5.6
14	18.6	28.8	23.7	78.3	22.716	19.5	0.0	0.0	0.0	1.0
15	19.3	28.5	23.3	83.4	23.726	20.2	1.7	0.0	1.7	2.4
16	19.1	26.4	22.5	79.8	21.520	18.6	2.5	0.0	2.5	0.3
17	17.2	30.6	24.0	72.8	20.802	18.0	0.0	0.0	0.0	5.9
18	18.5	28.4	22.9	78.3	21.774	18.8	0.0	0.0	0.0	2.1
19	18.4	29.7	23.5	78.0	22.004	19.0	0.0	0.0	0.0	7.8
20	19.0	29.8	24.1	74.3	21.910	18.9	0.0	0.0	0.0	1.1
21	19.1	30.2	23.9	73.5	21.360	18.5	0.0	3.4	3.4	7.9
22	19.1	30.3	24.2	77.3	23.160	19.8	0.0	1.5	1.5	7.0
23	19.0	30.0	23.6	77.1	22.231	19.1	0.6	0.0	0.6	4.3
24	19.3	30.2	24.2	74.3	21.779	18.8	0.0	0.0	0.0	6.1
25	18.4	28.2	23.3	79.7	22.851	19.6	0.0	0.0	0.0	3.4
26	18.7	29.5	23.9	70.6	20.201	17.5	0.0	0.0	0.0	8.8
27	18.4	29.8	23.6	74.9	21.518	18.6	0.0	0.0	0.0	9.5
28	13.6	30.8	25.2	70.5	21.639	18.7	0.0	0.0	0.0	10.2
29	19.3	23.2	22.7	73.9	20.336	17.7	0.0	0.0	0.0	3.2
30	18.2	29.9	22.3	75.6	20.438	17.8	3.8	0.0	3.8	0.3
PROM.	18.6	29.1	23.5	76.0	21.626	18.7	18.0	15.7	33.7	134.6

ESTACION: FRANCISCO ROMERO

MUNICIPIO: SALAZAR

AÑO: 1.987

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	18.6	28.6	23.8	73.6	21.363	18.5	0.0	0.0	0.0	2.7
2	18.4	31.0	25.0	66.7	20.142	17.5	0.0	0.0	0.0	8.0
3	19.2	26.0	22.6	81.7	22.550	19.4	2.2	0.0	2.2	1.0
4	18.4	29.6	24.5	69.4	20.777	18.0	0.0	0.0	0.0	4.1
5	18.6	29.0	24.0	72.4	20.935	18.2	0.0	0.4	0.4	3.2
6	19.0	25.8	22.2	83.6	22.299	19.2	0.5	0.0	0.5	0.1
7	18.4	31.0	24.6	69.2	20.506	17.8	0.0	0.0	0.0	8.4
8	19.3	28.5	23.1	80.4	22.481	19.3	2.4	0.0	2.4	1.7
9	18.5	30.2	24.3	71.0	20.524	17.9	0.0	0.3	0.3	6.2
10	19.2	30.4	24.0	76.7	22.801	19.5	0.0	0.2	0.2	4.9
11	19.1	28.0	23.3	77.0	21.518	18.6	0.2	2.0	2.2	3.2
12	19.0	28.5	23.4	78.1	21.789	18.8	0.1	0.0	0.1	2.9
13	18.6	30.0	23.1	75.7	20.960	18.1	0.4	1.2	1.6	7.2
14	19.0	30.2	23.7	72.1	20.698	17.9	0.0	0.0	0.0	4.4
15	19.1	28.0	21.7	87.1	23.097	19.8	7.5	0.0	7.5	3.6
16	19.0	29.6	24.2	75.7	22.271	19.1	0.0	1.2	1.2	8.5
17	18.2	27.2	22.9	81.6	22.540	19.4	1.1	0.0	1.1	0.6
18	18.0	28.4	23.6	78.7	22.373	19.3	0.0	0.0	0.0	0.9
19	18.4	31.4	23.7	77.5	21.893	18.8	0.4	0.1	0.5	3.0
20	19.0	30.0	24.0	71.0	21.394	18.6	0.0	0.0	0.0	8.6
21	19.1	31.0	24.8	64.7	19.516	17.0	0.0	0.3	0.3	8.2
22	18.6	31.5	25.0	72.1	21.837	18.7	0.0	8.8	8.8	3.6
23	19.1	30.0	23.0	76.1	20.837	18.0	13.7	0.0	13.7	3.5
24	18.4	29.2	24.0	70.9	20.432	17.7	0.0	0.0	0.0	1.2
25	19.2	30.8	24.5	70.5	21.188	18.2	0.0	0.0	0.0	2.3
26	19.0	29.3	22.0	88.4	23.462	20.0	13.1	1.8	14.9	5.6
27	18.8	30.5	25.0	72.6	21.832	18.8	0.0	3.1	3.1	5.2
28	19.0	30.0	24.0	83.4	24.843	20.9	0.0	0.5	0.5	5.4
29	18.5	27.5	22.3	86.5	23.317	19.9	0.8	0.0	0.8	2.0
30	18.7	27.8	21.9	93.5	24.754	20.9	5.8	0.0	5.8	
31	18.8	28.0	22.4	79.0	21.339	18.5	0.0	0.0	0.0	
PROM.	18.8	29.3	23.6	76.7	21.815	18.8	48.2	19.9	68.1	

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	19.4	28.8	22.9	80.6	22.082	19.0	0.0	0.0	0.0	
2	19.9	23.0	23.0	83.8	23.400	19.9	15.8	2.3	18.1	
3	19.0	28.0	22.3	83.9	22.503	19.4	0.0	8.3	8.3	
4	19.6	31.6	25.2	71.5	21.685	18.7	0.0	2.2	2.2	
5	19.8	31.5	24.2	78.1	22.735	19.4	2.1	79.3	81.4	
6	18.8	29.0	23.7	79.1	22.592	19.4	0.0	0.0	0.0	
7	19.0	27.4	20.9	94.7	23.520	20.0	5.0	0.0	5.0	
8	18.7	29.0	24.1	75.1	21.803	18.2	0.0	0.0	0.0	
9	19.7	29.5	24.1	77.3	22.595	19.4	0.0	0.0	0.0	
10	19.8	31.4	23.8	72.7	20.956	18.2	0.0	0.0	0.0	
11	18.4	30.0	22.9	76.9	21.151	18.4	0.0	0.0	0.0	
12	19.4	29.5	23.2	78.0	21.806	18.8	0.1	0.6	0.7	
13	19.0	27.8	22.6	77.7	21.216	18.4	0.2	0.0	0.2	
14	17.8	29.5	23.1	71.7	19.453	17.0	0.0	0.0	0.0	
15	19.4	31.0	24.3	70.1	20.373	17.7	0.0	0.0	0.0	
16	18.5	30.8	24.4	68.7	20.575	18.0	0.0	0.0	0.0	
17	18.6	31.4	22.6	79.8	21.712	18.5	1.0	0.0	1.0	
18	19.2	29.8	24.5	71.1	21.265	18.4	0.0	0.0	0.0	
19	19.0	31.6	24.0	72.7	21.016	18.1	3.6	0.0	3.6	1.6
20	18.4	30.0	24.5	64.1	19.413	16.6	0.0	0.0	0.0	1.6
21	17.8	31.0	24.1	67.4	19.518	17.1	0.0	0.0	0.0	4.9
22	18.8	30.2	23.9	76.2	22.193	19.1	0.0	5.3	5.3	5.7
23	18.0	30.1	23.2	75.4	21.212	18.4	0.0	0.0	0.0	7.9
24	18.8	31.0	24.6	75.7	22.575	19.3	0.0	0.4	0.4	8.0
25	19.8	30.8	24.6	72.4	21.526	18.6	0.0	0.0	0.0	5.6
26	18.8	30.0	24.0	70.8	20.813	18.1	0.0	0.0	0.0	2.2
27	19.0	30.5	23.1	74.8	20.756	17.9	33.7	25.3	59.0	2.6
28	18.8	28.2	23.1	78.8	21.818	18.7	2.1	0.6	2.7	2.6
29	18.7	30.0	23.8	80.0	22.818	19.5	3.9	15.6	19.5	3.7
30	19.8	26.4	21.5	91.2	23.395	20.0	1.7	0.0	1.7	1.5
31	18.2	30.5	23.2	74.9	20.306	17.6	0.0	0.0	0.0	8.7
PROM	19.0	29.8	23.5	76.3	21.574	18.6	69.2	139.9	209.1	

ESTACION: FRANCISCO ROMERO

MUNICIPIO: SALAZAR

AÑO:

1.987

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	19.4	30.2	23.6	75.3	21.530	18.6	0.0	0.0	0.0	5.6
2	18.8	31.5	23.6	75.2	21.447	18.6	0.0	78.3	78.3	6.8
3	19.2	28.6	23.8	78.0	22.213	18.9	1.2	8.9	10.1	2.5
4	19.6	30.2	24.0	74.5	21.354	18.3	0.0	0.3	0.3	5.0
5	19.8	30.6	24.4	76.9	22.893	19.4	1.3	14.8	16.1	6.3
6	19.6	28.5	21.6	90.1	23.679	20.2	16.1	4.1	20.2	3.3
7	18.2	30.5	23.3	76.6	21.321	18.4	0.0	0.0	0.0	6.7
8	18.0	31.0	23.9	72.1	20.870	18.2	0.0	0.0	0.0	8.2
9	19.3	30.0	23.5	78.1	22.379	19.3	0.0	0.0	0.0	2.4
10	18.4	30.5	24.1	73.9	21.934	18.9	0.0	0.0	0.0	6.4
11	18.8	30.0	24.0	74.7	21.810	18.8	0.5	1.5	2.0	5.8
12	19.4	29.0	22.4	82.5	22.355	19.3	0.3	0.0	0.3	3.1
13	18.6	30.0	24.4	75.4	21.920	18.8	0.0	17.4	17.4	5.9
14	19.8	28.0	22.5	83.9	23.144	19.8	9.2	8.7	17.9	2.1
15	19.4	26.5	22.0	83.7	22.067	19.0	1.3	8.8	10.1	0.4
16	18.0	30.0	23.2	79.9	22.258	19.2	0.0	0.0	0.0	7.2
17	18.6	29.8	23.4	78.3	21.735	18.7	0.0	0.0	0.0	7.7
18	19.4	31.0	24.8	71.4	21.863	18.9	0.0	0.0	0.0	5.4
19	20.2	30.5	24.3	76.0	22.860	19.6	0.3	0.0	0.3	6.6
20	18.8	31.0	23.2	78.2	21.848	18.9	3.7	0.0	3.7	5.9
21	18.3	30.0	22.3	78.2	20.743	18.0	0.6	0.0	0.6	4.6
22	18.0	29.0	23.0	77.5	21.501	18.6	0.0	27.5	27.5	5.6
23	19.3	29.5	23.6	77.6	21.963	18.9	0.2	4.6	4.8	4.7
24	19.5	29.3	22.5	81.4	21.927	18.9	6.9	0.5	7.4	4.9
25	18.5	29.0	23.0	78.6	21.647	18.7	0.1	0.0	0.1	6.5
26	19.2	29.2	23.3	78.5	21.952	18.9	1.7	1.0	2.7	1.9
27	18.5	29.0	22.9	80.1	22.341	19.2	0.0	0.0	0.0	5.6
28	18.4	29.5	22.7	78.9	21.125	18.2	1.7	0.2	1.9	4.4
29	18.2	29.3	23.3	79.0	22.241	19.1	0.2	8.3	8.5	3.6
30	19.5	27.6	22.6	87.1	23.703	20.2	0.7	0.0	0.7	0.5
PROM.	19.0	29.6	23.3	78.4	22.021	19.0	46.0	184.9	230.9	146.0

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	19.6	26.0	21.1	90.2	22.974	19.7	1.8	1.7	3.5	0.5
2	18.2	27.4	22.1	84.4	22.434	19.3	92.2	107.8	200.0	3.0
3	18.4	27.5	22.2	85.7	22.960	19.7	2.1	1.6	3.7	3.2
4	18.8	27.3	22.5	82.5	22.197	19.1	0.5	0.3	0.8	0.0
5	19.8	26.6	21.5	90.3	23.577	20.1	1.2	0.0	1.2	0.7
6	18.8	29.0	23.3	80.3	22.699	19.5	0.1	34.5	34.6	3.4
7	19.8	27.5	22.5	82.1	22.308	19.2	0.0	0.0	0.0	3.2
8	19.0	27.2	22.0	83.2	21.901	18.9	5.5	18.6	24.1	3.4
9	18.7	29.5	22.2	82.0	21.948	19.0	25.4	67.4	92.8	3.4
10	19.0	29.0	22.9	82.8	22.896	19.6	1.1	2.9	4.0	2.7
11	18.6	29.4	23.2	77.7	21.706	18.7	0.0	1.1	1.1	2.3
12	19.4	29.2	23.7	78.9	22.673	19.4	0.0	19.4	19.4	6.3
13	18.0	28.4	22.6	84.9	23.134	19.6	0.7	22.7	23.4	4.9
14	19.4	29.0	23.0	83.5	23.091	19.7	8.3	14.0	22.3	6.6
15	19.4	23.1	21.9	87.1	23.410	20.0	37.7	0.4	38.1	4.3
16	19.5	27.6	22.8	84.8	23.597	20.1	3.0	28.9	31.9	4.0
17	19.3	27.0	21.9	82.8	21.582	18.7	22.1	0.0	22.1	2.2
18	19.0	26.3	22.3	82.4	22.318	19.2	0.0	13.6	13.6	1.0
19	19.8	27.4	22.7	85.2	23.206	19.8	0.1	6.3	6.4	1.0
20	18.4	27.5	22.1	82.1	21.760	18.8	0.0	0.0	0.0	4.4
21	17.9	29.3	23.7	76.5	21.679	18.8	0.0	0.0	0.0	6.6
22	18.5	29.4	21.3	78.0	20.177	17.6	0.5	27.3	27.8	5.0
23	20.0	29.0	23.7	80.5	23.408	20.0	0.0	0.0	0.0	5.2
24	19.8	23.8	23.3	79.8	22.560	19.3	0.0	0.0	0.0	2.3
25	19.0	27.5	23.1	79.9	22.240	19.1	1.2	23.9	25.1	1.6
26	20.2	30.4	24.4	78.4	23.512	20.0	0.0	4.1	4.1	5.7
27	20.0	26.5	22.2	89.8	24.102	20.5	20.8	0.0	20.8	1.1
28	19.8	27.5	21.8	87.6	23.190	19.8	28.4	13.6	42.0	1.1
29	19.0	26.3	22.5	86.1	23.316	19.9	0.0	46.5	46.5	0.4
30	19.7	23.0	22.7	83.1	22.932	19.7	0.0	0.8	0.8	2.1
31	19.6	28.2	22.9	78.2	21.758	18.8	0.0	63.1	63.1	2.9
PROM.	19.2	29.0	22.6	82.9	22.621	19.4	252.7	520.5	773.2	94.5

ESTACION: FRANCISCO ROMERO
 ALTITUD: 1.000

MUNICIPIO: SALAZAR
 LATITUD: 7-46 N.

AÑO: 1.987
 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	19.7	28.5	22.4	80.0	21.437	18.6	18.4	24.1	42.5	4.7
2	19.4	28.0	22.4	80.2	21.600	18.7	0.6	0.0	0.6	4.8
3	18.7	28.5	23.6	80.0	22.843	19.6	0.3	8.2	8.5	5.5
4	19.6	28.0	21.9	83.6	21.947	18.9	14.9	0.0	14.9	3.2
5	18.7	29.5	23.6	77.4	21.880	18.8	0.0	0.0	0.0	6.5
6	19.9	27.5	23.0	79.1	22.120	19.1	0.0	0.0	0.0	1.3
7	17.9	30.0	23.3	70.3	19.021	16.5	0.0	0.0	0.0	7.3
8	17.8	30.8	23.3	71.3	19.424	16.8	0.0	0.0	0.0	7.2
9	17.7	29.9	23.0	75.4	20.571	17.8	0.0	0.0	0.0	4.3
10	18.0	30.0	23.9	75.6	21.556	18.5	0.0	0.0	0.0	7.1
11	17.9	30.5	23.2	72.9	20.054	17.4	0.0	0.0	0.0	6.2
12	18.0	29.0	21.9	78.4	20.191	17.6	0.0	0.0	0.0	5.7
13	18.3	28.4	23.2	79.5	22.254	19.1	0.0	0.1	0.1	4.4
14	18.9	28.8	23.1	82.0	22.884	19.6	8.3	7.1	15.4	4.0
15	18.7	29.2	23.2	78.6	21.662	18.7	0.1	0.0	0.1	6.6
16	17.8	30.2	23.4	73.9	20.331	17.5	0.6	0.1	0.7	7.0
17	18.8	29.2	23.8	77.7	22.269	19.1	0.0	0.1	0.1	6.9
18	19.2	28.0	22.6	81.6	22.306	19.2	13.0	17.6	30.6	1.5
19	19.8	27.5	22.7	83.0	22.723	19.5	0.1	0.5	0.6	2.2
20	18.7	28.0	22.4	83.2	22.506	19.4	7.0	32.0	39.0	3.4
21	19.4	26.0	22.0	83.5	21.781	18.8	9.0	12.3	21.3	0.5
22	18.9	27.8	22.4	80.3	21.349	18.4	27.5	19.4	46.9	3.1
23	18.8	28.2	23.2	80.6	22.494	19.3	0.2	0.1	0.3	2.9
24	19.2	29.8	23.3	77.2	21.623	18.7	0.0	0.0	0.0	4.3
25	20.2	25.8	22.5	85.1	23.185	19.6	1.9	0.0	1.9	0.0
26	18.9	28.3	22.7	79.4	21.533	18.6	0.2	0.0	0.2	1.9
27	19.7	29.0	23.2	77.1	21.494	18.5	47.6	1.0	48.6	2.8
28	20.0	25.2	22.4	88.1	23.952	20.4	1.6	1.2	2.8	0.6
29	18.7	27.3	22.4	83.8	22.491	19.3	0.7	2.8	3.5	4.0
30	19.7	26.5	22.4	86.8	23.247	19.9	0.7	0.0	0.7	0.4
PROM.	18.9	28.4	22.9	79.5	21.758	18.7	152.7	126.6	279.3	120.3

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.8	28.0	21.8	81.2	21.413	18.6	23.3	0.0	23.3	4.6
2	18.2	28.2	23.1	81.1	22.402	19.2	0.0	0.0	0.0	7.6
3	18.4	28.5	22.3	80.1	21.352	18.5	72.3	3.8	76.1	5.8
4	19.0	29.0	22.9	80.0	22.049	19.0	7.5	7.6	15.1	6.7
5	19.4	26.8	22.0	85.0	22.496	19.4	9.7	0.1	9.8	2.4
6	19.6	28.0	22.8	82.4	22.510	19.3	0.0	0.0	0.0	2.9
7	19.7	27.5	22.3	82.3	22.309	19.2	0.1	0.0	0.1	3.8
8	19.4	29.8	23.8	75.6	21.607	18.6	0.0	50.8	50.8	7.3
9	19.0	29.5	23.3	77.3	21.503	18.6	0.5	11.6	12.1	7.4
10	20.0	27.8	23.4	81.4	23.301	19.9	20.7	0.6	21.3	3.2
11	19.8	27.6	22.6	85.8	23.640	20.2	24.5	5.2	29.7	3.7
12	18.7	27.8	22.1	79.6	20.850	18.1	0.0	0.0	0.0	2.1
13	19.0	28.7	22.8	78.3	21.289	18.3	0.0	0.0	0.0	4.6
14	18.4	29.3	24.4	79.2	23.215	19.7	0.0	0.0	0.0	6.5
15	19.7	28.5	23.4	79.2	22.279	19.1	0.0	0.0	0.0	4.6
16	17.8	29.0	23.0	72.7	19.604	16.8	0.0	0.0	0.0	4.9
17	16.8	28.8	22.1	72.4	18.475	16.1	0.0	0.0	0.0	8.7
18	17.2	28.5	21.6	71.2	18.123	15.8	0.0	0.0	0.0	7.0
19	19.4	26.0	22.1	79.9	21.206	18.4	0.0	0.0	0.0	1.9
20	18.8	27.8	22.0	76.2	19.920	17.4	0.0	0.0	0.0	5.8
21	18.0	28.7	22.0	74.8	19.560	17.1	0.0	0.0	0.0	6.3
22	18.0	27.8	22.3	73.2	19.152	16.7	0.0	0.0	0.0	5.8
23	17.8	29.0	23.2	75.3	20.521	17.7	0.2	0.3	0.5	7.1
24	18.2	25.7	21.8	81.9	21.142	18.3	0.0	0.0	0.0	2.4
25	18.0	29.4	22.6	73.8	19.277	16.7	0.0	0.0	0.0	7.3
26	17.3	27.0	22.2	81.0	21.227	18.4	0.0	1.3	1.3	3.6
27	19.2	25.0	21.6	84.1	21.638	18.7	0.0	0.0	0.0	2.0
28	18.0	26.5	21.9	82.2	21.096	18.2	5.5	0.0	5.5	1.9
29	18.8	29.5	23.0	75.4	20.716	18.0	0.7	0.5	1.2	5.9
30	20.0	26.5	22.4	78.0	20.753	18.0	0.0	0.0	0.0	0.0
31	18.2	26.7	22.6	80.2	21.424	18.4	0.0	0.1	0.1	0.8
PROM.	18.7	28.0	22.6	78.7	21.163	18.3	165.0	81.9	246.9	144.6

ESTACION: FRANCISCO ROMERO

MUNICIPIO SALAZAR

AÑO: 1.987

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 Hluvias	
	ENERO	16.9	27.4	21.6	15.0				30.0	76.6	
FEBRERO	17.8	29.0	23.0	16.0	31.0	73.1	19.824	17.2	2.1	1	128.5
MARZO	18.9	28.4	23.3	16.0	32.0	76.8	21.337	18.4	207.2	10	114.5
ABRIL	18.9	29.0	23.7	16.8	32.2	74.1	21.218	18.3	80.0	10	132.5
MAYO	18.8	28.3	23.0	18.0	31.0	79.4	21.955	18.9	400.1	19	
JUNIO	18.6	29.1	23.5	17.2	31.2	76.0	21.626	18.7	33.7	10	134.6
JULIO	18.8	29.3	23.6	18.0	31.5	76.7	21.815	18.8	68.1	21	
AGOSTO	19.0	29.8	23.5	17.8	31.6	76.3	21.574	18.6	209.1	15	
SEPTIEMBRE	19.0	29.6	23.3	18.0	31.5	78.4	22.021	19.0	230.9	21	146.0
OCTUBRE	19.2	28.0	22.6	17.9	30.4	82.9	22.621	19.4	773.2	26	94.5
NOVIEMBRE	18.9	28.4	22.9	17.7	30.8	79.5	21.758	18.7	279.3	21	120.3
DICIEMBRE	18.7	28.0	22.6	16.8	29.8	78.7	21.163	18.3	246.9	14	144.6
PROMEDIO	18.6	28.7	23.1	17.1	31.1	77.4	21.342	18.4			
TOTAL									2705.5	175	

ESTACION: **BLONAY**MUNICIPIO: **CHINACOTA**AÑO: **1.987**ALTITUD: **1.235**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	14.0	27.5	19.7	78.2	17.361	15.2	0.0	0.0	0.0	8.9
2	12.5	27.6	20.3	74.1	16.614	14.4	0.0	0.0	0.0	7.9
3	15.0	28.0	19.9	83.1	19.395	16.9	0.0	0.0	0.0	8.8
4	14.0	25.5	19.7	84.9	18.941	16.5	0.0	0.0	0.0	6.6
5	15.0	27.5	20.5	80.2	19.172	16.8	0.0	0.0	0.0	4.0
6	16.0	25.5	19.8	81.3	18.434	16.2	0.0	0.0	0.0	1.7
7	16.5	22.5	18.8	94.9	20.752	18.1	4.1	18.9	23.0	0.3
8	17.0	20.5	18.6	96.0	20.727	18.1	1.8	7.9	9.7	0.0
9	16.5	18.4	17.8	98.1	20.006	17.5	9.8	0.0	9.8	0.0
10	14.0	24.3	20.1	84.2	19.190	16.7	0.0	0.0	0.0	4.4
11	15.0	23.5	19.1	86.6	19.101	16.8	0.0	0.0	0.0	7.6
12	13.8	26.8	18.4	86.7	18.797	16.4	0.0	0.0	0.0	7.3
13	13.5	27.0	20.0	79.8	17.885	15.6	0.0	0.0	0.0	7.1
14	13.6	26.8	19.8	82.3	18.430	16.1	0.0	0.0	0.0	7.2
15	14.0	27.0	20.0	79.9	18.081	15.8	0.0	0.0	0.0	7.6
16	15.0	27.6	19.9	81.3	18.342	16.1	0.0	0.0	0.0	8.5
17	15.1	24.5	20.0	85.3	19.764	17.3	0.0	0.0	0.0	1.8
18	16.5	24.0	18.9	87.1	19.312	16.9	0.0	0.0	0.0	2.3
19	14.0	27.5	19.7	76.2	17.354	15.2	0.0	0.9	0.9	3.8
20	13.5	28.0	19.8	77.6	16.929	14.7	0.3	0.0	0.3	6.5
21	14.0	27.0	19.8	78.4	17.382	15.1	0.0	0.0	0.0	4.1
22	16.0	28.8	21.1	73.1	17.412	15.1	0.0	0.0	0.0	8.0
23	16.0	28.6	22.3	74.8	19.092	16.4	0.0	0.0	0.0	7.1
24	17.0	24.4	20.7	87.6	21.301	18.5	0.0	0.0	0.0	8.1
25	14.0	27.8	19.9	79.8	17.832	15.6	0.0	0.0	0.0	8.5
26	14.5	28.6	20.8	75.9	17.438	15.1	0.0	0.0	0.0	8.7
27	15.0	28.8	20.9	73.8	16.935	14.5	0.0	0.0	0.0	7.1
28	14.0	28.7	21.2	76.0	18.088	15.7	0.0	0.0	0.0	7.9
29	14.0	25.0	19.9	87.8	19.961	17.3	0.0	0.0	0.0	4.8
30	15.0	24.6	20.2	84.9	19.869	17.3	0.0	0.0	0.0	1.3
31	15.5	24.2	20.3	83.4	19.402	16.9	0.0	0.0	0.0	6.1
PROM.	14.8	26.0	19.9	82.4	18.687	16.3	16.0	27.7	43.7	174.0

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	14.0	27.5	20.0	79.2	17.778	15.5	0.0	0.0	0.0	6.2
2	14.5	28.6	21.6	75.3	18.440	15.9	0.0	0.0	0.0	3.8
3	16.0	29.8	21.8	75.7	18.919	16.5	0.0	0.0	0.0	4.4
4	15.5	30.0	22.4	74.4	19.130	16.5	0.0	0.0	0.0	8.8
5	13.0	29.8	21.4	69.5	16.557	14.1	0.0	0.0	0.0	7.6
6	14.0	29.0	21.4	72.7	17.156	14.8	0.0	0.0	0.0	8.7
7	14.0	28.8	21.6	73.7	17.661	15.3	0.0	0.0	0.0	6.1
8	16.0	29.4	21.8	76.0	19.207	16.8	0.0	0.0	0.0	3.0
9	16.0	24.0	20.6	85.6	20.512	17.9	0.0	0.0	0.0	0.4
10	16.5	24.2	20.7	84.7	20.461	17.8	0.0	0.0	0.0	0.6
11	16.0	25.5	20.1	92.2	21.676	18.7	0.0	0.0	0.0	3.0
12	18.0	27.6	22.1	78.3	20.390	17.8	0.0	0.0	0.0	2.5
13	17.0	30.0	22.1	74.4	18.839	16.4	0.0	0.0	0.0	8.0
14	18.0	29.0	21.9	74.3	18.918	16.5	0.0	0.0	0.0	0.9
15	16.6	30.3	21.9	73.6	18.456	16.1	0.0	0.0	0.0	3.1
16	15.5	30.4	22.5	76.4	19.426	16.8	1.1	1.7	2.8	7.9
17	15.5	29.4	22.0	76.5	19.251	16.8	0.1	0.0	0.1	7.8
18	15.5	29.5	22.9	73.6	19.769	17.2	0.0	0.0	0.0	6.4
19	17.5	26.8	22.2	77.3	20.451	17.8	0.0	0.0	0.0	3.6
20	15.2	28.6	22.5	77.5	19.975	17.2	0.0	0.0	0.0	5.6
21	15.0	29.3	21.6	73.8	17.762	15.4	0.0	0.0	0.0	7.9
22	15.0	29.8	22.5	71.4	18.082	15.6	0.0	0.0	0.0	3.9
23	14.0	30.1	21.4	70.1	16.985	14.7	0.0	0.0	0.0	8.3
24	14.5	29.6	22.6	68.1	17.348	15.0	0.0	0.0	0.0	7.9
25	17.5	27.8	21.6	83.3	21.278	18.4	0.0	5.8	5.8	3.7
26	17.0	29.8	23.5	75.8	21.003	18.1	0.1	0.0	0.1	6.0
27	18.0	30.4	23.5	70.2	19.124	16.5	0.0	0.0	0.0	6.9
28	16.0	30.0	22.0	74.9	18.980	16.6	0.0	0.0	0.0	7.4
PROM.	15.8	28.7	21.9	76.0	19.055	16.5	1.3	7.5	8.8	150.4

ESTACION: BLONAY
 ALTITUD: 1.235

MUNICIPIO: CHINACOTA AÑO: 1.987
 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	18.5	30.5	23.6	72.9	20.641	17.8	0.0	0.0	0.0	0.9
2	19.5	28.5	23.4	71.5	19.963	17.3	0.0	0.0	0.0	1.5
3	16.0	30.0	23.0	71.5	18.685	16.3	0.0	0.0	0.0	7.2
4	18.5	26.0	21.3	84.6	21.189	18.3	1.9	4.8	6.7	2.1
5	18.0	26.0	21.4	82.8	20.867	18.2	0.0	0.0	0.0	1.1
6	18.5	25.5	20.6	85.2	20.868	18.2	0.0	0.0	0.0	2.7
7	18.5	27.5	22.4	77.1	20.496	17.9	0.0	1.2	1.2	7.4
8	17.0	28.5	21.4	82.9	20.696	18.0	0.0	0.0	0.0	2.8
9	17.5	25.0	21.6	82.1	20.706	18.0	0.0	0.0	0.0	2.8
10	18.5	27.5	23.3	71.7	19.922	17.4	0.0	0.0	0.0	7.0
11	18.0	27.4	22.1	75.7	20.062	17.5	0.0	0.0	0.0	6.6
12	16.5	26.5	20.1	81.8	19.306	16.9	0.0	0.0	0.0	3.6
13	18.0	23.0	19.9	88.2	20.630	18.0	0.0	0.2	0.2	0.1
14	18.5	26.5	20.9	83.7	20.712	18.1	0.7	0.2	0.9	0.1
15	16.5	25.5	18.2	89.3	18.618	16.4	0.6	1.8	2.4	0.1
16	17.5	21.0	19.0	94.8	20.860	18.1	2.7	0.0	2.7	0.0
17	19.0	26.5	22.8	75.8	20.441	17.9	0.0	0.0	0.0	7.2
18	19.5	29.0	23.1	75.8	21.021	18.3	0.0	0.0	0.0	0.0
19	18.0	29.0	22.0	76.9	19.945	17.4	0.0	0.2	0.2	5.1
20	18.5	30.0	24.1	71.6	20.755	18.1	0.0	0.0	0.0	3.8
21	19.5	29.5	23.2	72.3	20.318	17.8	0.0	0.0	0.0	7.4
22	20.5	29.5	22.8	76.3	21.166	18.4	0.0	0.0	0.0	3.1
23	20.0	28.5	23.0	75.1	21.193	18.4	0.0	10.0	10.0	1.8
24	19.0	28.0	23.0	75.9	21.104	18.4	0.0	0.0	0.0	1.5
25	20.0	29.5	23.9	74.1	21.292	18.5	0.0	4.9	4.9	3.8
26	19.0	28.5	21.2	85.1	21.467	18.6	0.0	0.0	0.0	0.9
27	18.0	21.5	18.7	90.9	20.097	17.5	0.0	0.0	0.0	0.8
28	20.0	24.5	20.5	81.4	19.861	17.4	0.0	0.0	0.0	5.1
29	18.5	26.5	21.4	82.0	20.889	18.2	0.0	0.0	0.0	2.0
30	19.0	24.0	20.8	85.8	21.253	18.5	0.4	1.3	1.7	2.9
31	18.5	27.5	22.7	77.4	20.789	18.1	13.2	0.0	13.2	4.4
PROM.	18.5	27.0	21.8	79.7	20.510	17.9	19.5	24.6	44.1	95.8

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	19.5	23.0	20.5	84.5	20.431	17.8	0.5	7.5	8.0	0.0
2	18.5	25.5	20.7	84.5	20.738	18.1	2.2	0.0	2.2	1.3
3	18.6	24.5	19.1	92.1	20.546	17.9	1.3	0.0	1.3	0.0
4	17.0	25.0	20.3	81.8	19.299	16.9	0.0	0.0	0.0	5.7
5	16.0	27.5	21.4	78.8	19.856	17.3	0.7	0.0	0.7	5.0
6	16.0	28.5	21.6	76.6	19.496	17.0	0.0	0.0	0.0	1.7
7	18.0	30.0	23.0	73.8	20.192	17.6	0.0	0.0	0.0	3.6
8	20.0	27.5	22.9	74.9	20.781	18.1	0.0	0.0	0.0	2.1
9	18.0	29.5	22.2	76.7	20.214	17.7	0.0	0.0	0.0	7.4
10	18.0	28.5	22.7	77.4	20.926	18.2	0.0	0.0	0.0	3.0
11	20.0	29.0	23.1	74.3	20.872	18.2	0.0	0.0	0.0	4.7
12	19.5	29.5	22.1	75.6	20.210	17.7	0.0	3.3	3.3	6.2
13	18.5	26.6	22.0	76.2	20.146	17.6	0.0	0.0	0.0	2.7
14	15.5	28.4	21.1	74.7	18.258	16.0	1.0	21.0	22.0	8.1
15	14.5	28.5	21.6	73.4	18.870	16.3	2.2	26.0	28.2	9.5
16	15.0	29.0	21.4	72.0	18.551	16.2	7.0	0.0	7.0	2.3
17	17.5	28.5	23.1	72.6	19.775	17.3	0.0	0.1	0.1	5.0
18	18.5	27.0	21.1	75.6	19.182	16.8	0.0	0.0	0.0	4.9
19	16.0	27.6	21.2	77.2	18.844	16.5	0.0	0.0	0.0	4.4
20	16.5	29.5	23.1	68.7	19.140	16.7	0.0	0.0	0.0	3.8
21	17.0	29.0	22.7	66.6	18.713	16.4	0.0	0.0	0.0	1.7
22	16.9	27.6	21.4	73.7	18.568	16.3	0.2	0.6	0.8	6.4
23	17.0	25.2	20.5	74.3	18.067	15.8	0.0	0.0	0.0	1.8
24	17.0	28.0	21.7	74.7	19.101	16.7	1.7	0.0	1.7	4.8
25	16.5	28.6	22.2	72.8	19.027	16.7	0.0	0.0	0.0	4.9
26	18.5	27.6	21.5	71.4	18.185	16.0	0.0	0.0	0.0	6.2
27	16.0	27.3	21.4	75.4	18.913	16.6	0.0	0.0	0.0	7.3
28	17.5	26.4	21.4	69.1	17.761	15.6	0.0	0.0	0.0	1.2
29	16.0	24.0	19.7	75.2	17.164	15.1	0.0	0.0	0.0	8.0
30	17.0	28.2	22.7	73.6	19.728	17.2	2.6	6.9	9.5	
PROM.	17.4	27.5	21.6	75.6	19.385	16.9	19.4	65.4	84.8	

ESTACION: BLONAY
 ALTITUD: 1.235

MUNICIPIO: CHINACOTA AÑO: 1.987
 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	18.5	26.4	21.3	68.2	17.268	15.2	0.5	0.0	0.5	
2	17.5	27.4	21.6	71.0	18.277	16.0	0.0	0.0	0.0	2.9
3	16.5	21.0	18.5	81.0	17.312	15.2	0.0	0.0	0.0	
4	16.0	24.6	20.8	72.3	17.386	15.3	0.0	7.1	7.1	
5	17.0	24.6	20.6	76.9	18.380	16.1	17.4	0.0	17.4	0.7
6							10.0	0.0	10.0	
7							0.0	0.0	0.0	4.2
8							0.0	0.0	0.0	4.9
9							2.2	1.3	3.5	3.9
10							0.3	0.0	0.3	3.0
11							0.0	0.0	0.0	3.7
12							0.0	0.0	0.0	
13	20.0	28.5	21.9	77.2	20.590	18.0	0.5	3.9	4.4	5.6
14	20.0	28.0	23.5	72.0	20.520	17.9	0.0	0.0	0.0	3.2
15	20.0	28.5	23.9	69.8	20.200	17.7	7.1	0.9	8.0	4.4
16	18.5	27.0	21.2	84.0	21.176	18.4	0.4	0.2	0.6	1.4
17	18.0	27.5	22.0	79.5	21.033	18.3	6.6	0.0	6.6	8.2
18	18.0	29.5	22.7	76.7	20.714	18.0	0.0	0.0	0.0	8.7
19	20.0	31.0	23.0	76.2	21.196	18.4	0.0	0.0	0.0	7.5
20	20.0	28.0	21.5	78.4	20.420	17.8	6.4	2.0	8.4	2.5
21	18.0	29.6	21.5	80.2	20.173	17.6	8.2	0.7	8.9	3.4
22	18.0	25.5	20.2	96.3	23.129	19.8	10.4	0.0	10.4	1.6
23	17.5	27.5	19.7	95.0	22.021	19.0	3.2	7.0	10.2	1.9
24	18.0	25.1	19.8	84.9	19.549	17.0	0.0	0.0	0.0	0.7
25	18.0	26.0	21.7	77.1	19.938	17.4	0.0	1.7	1.7	4.9
26	18.0	23.0	19.0	93.6	20.772	18.1	19.2	4.5	23.7	0.4
27	17.0	28.0	22.0	82.1	21.409	18.5	1.2	0.0	1.2	5.2
28	16.0	28.5	21.4	79.7	19.950	17.4	0.0	0.0	0.0	8.4
29	15.5	28.5	21.2	83.5	20.621	17.9	0.0	0.0	0.0	9.2
30	16.1	28.3	21.2	77.8	19.408	16.9	0.0	0.3	0.3	9.1
31	16.8	28.0	20.8	80.7	19.422	17.0	0.0	0.0	0.0	
PROM.							93.6	29.6	123.2	

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	17.0	26.3	21.1	83.4	20.697	18.0	0.0	0.0	0.0	
2	20.0	27.5	22.0	77.8	20.727	18.0	0.0	0.8	0.8	4.9
3	17.0	26.5	20.4	81.2	19.568	17.1	0.1	0.0	0.1	2.6
4	16.4	28.5	21.7	72.9	18.629	16.2	0.0	0.0	0.0	3.6
5	17.3	28.5	22.0	78.6	20.496	17.8	0.0	0.0	0.0	6.1
6	18.0	24.5	19.6	86.7	20.181	17.6	0.0	0.0	0.0	6.0
7	17.0	28.3	21.2	79.9	19.585	17.0	0.0	0.0	0.0	5.4
8	17.3	28.5	22.2	71.3	18.928	16.4	0.0	0.1	0.1	5.9
9	17.5	26.5	20.3	83.4	19.794	17.3	0.0	0.0	0.0	4.9
10	17.0	28.5	22.3	72.7	19.591	17.2	0.0	0.1	0.1	5.7
11	17.0	27.5	21.0	77.6	19.277	16.9	0.0	0.0	0.0	3.1
12	16.8	29.5	21.3	76.9	18.643	16.2	3.7	0.0	3.7	6.3
13	16.4	30.0	22.6	71.8	19.068	16.4	0.0	0.0	0.0	6.3
14	17.4	26.4	21.1	80.8	20.106	17.6	0.0	0.0	0.0	3.4
15	17.8	26.0	20.1	87.8	21.475	18.6	0.0	0.0	0.0	2.7
16	17.0	25.5	20.4	81.8	19.581	17.1	0.0	0.0	0.0	0.1
17	15.0	29.0	21.7	76.3	19.060	16.6	0.0	0.0	0.0	6.5
18	16.3	27.0	20.4	86.9	20.847	18.1	0.2	0.0	0.2	3.2
19	16.3	30.5	21.1	82.6	20.318	17.7	0.0	0.0	0.0	6.5
20	16.3	28.1	21.2	78.3	19.401	17.0	0.0	0.0	0.0	5.7
21	17.4	28.3	21.7	79.0	19.956	17.4	0.0	4.6	4.6	7.2
22	17.0	28.5	21.4	71.6	18.270	16.1	0.7	0.2	0.9	6.2
23	16.0	28.0	20.4	84.6	20.539	17.9	0.5	0.0	0.5	6.1
24	17.0	23.9	20.4	84.0	20.292	17.7	0.0	0.0	0.0	
25	16.6	28.8	21.0	84.3	21.235	18.5	0.0	0.0	0.0	1.4
26	15.5	28.0	21.3	78.3	18.949	16.4	0.0	0.3	0.3	6.6
27	17.0	28.1	20.6	75.0	18.403	16.2	0.0	0.0	0.0	8.4
28	15.6	29.1	21.4	72.6	17.853	15.6	0.0	0.0	0.0	8.3
29	16.3	26.8	20.3	79.6	18.969	16.7	0.0	0.0	0.0	
30	19.0	25.5	20.0	81.9	19.455	17.1	3.2	0.0	3.2	0.0
PROM.	16.9	27.8	21.1	79.3	19.663	17.1	8.4	6.1	14.5	

ESTACION: BLONAY
 ALTITUD: 1.235

MUNICIPIO: CHINACOTA
 LATITUD: 7-35 N.

AÑO: 1.987
 LONGITUD: 72-36 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	25.5	21.4	80.9	20.442	17.8	0.0	0.0	0.0	3.7
2	16.2	30.5	22.1	79.9	20.746	18.0	0.0	0.0	0.0	6.3
3	17.0	24.5	20.2	92.2	22.119	19.1	4.9	0.0	4.9	1.9
4	16.8	26.1	20.0	81.1	18.757	16.4	1.3	0.0	1.3	1.7
5	16.1	25.4	20.3	85.3	20.136	17.6	0.0	3.7	3.7	0.0
6	18.0	22.5	19.2	96.3	21.710	18.8	3.3	0.0	3.3	6.0
7	16.5	28.1	21.0	77.3	18.751	16.5	0.0	0.0	0.0	1.4
8	17.5	26.5	21.0	83.4	20.740	18.0	4.5	0.0	4.5	4.1
9	16.5	29.0	23.1	76.5	20.744	17.9	0.0	0.7	0.7	2.2
10	17.8	27.0	20.5	82.7	20.354	17.8	0.9	0.3	1.2	4.5
11	17.0	26.0	21.0	87.7	21.719	18.8	4.0	3.1	7.1	1.3
12	18.0	25.1	19.6	88.4	20.517	17.9	1.3	0.0	1.3	5.0
13	16.0	28.5	21.3	80.0	20.272	17.7	0.0	0.0	0.0	2.1
14	17.5	27.3	20.4	79.9	19.062	16.5	0.1	0.0	0.1	2.7
15	16.3	25.5	19.6	95.1	21.769	18.8	5.1	0.0	5.1	6.5
16	17.6	28.3	21.5	82.6	21.207	18.4	0.0	0.0	0.0	0.2
17	18.0	24.0	20.2	89.5	21.336	18.5	3.9	0.3	4.2	0.6
18	17.1	24.9	20.4	86.5	20.610	18.0	0.0	0.0	0.0	4.3
19	16.8	26.1	20.9	84.5	20.732	18.0	1.0	0.0	1.0	6.4
20	16.7	27.5	19.5	85.5	19.426	17.0	0.0	0.0	0.0	3.3
21	18.0	29.5	21.7	79.2	20.151	17.5	0.0	0.0	0.0	1.5
22	17.1	27.5	22.5	74.6	20.088	17.4	0.0	0.5	0.5	0.1
23	17.5	27.0	19.9	82.3	19.029	16.7	0.7	0.0	0.7	5.5
24	17.5	26.0	21.7	81.1	20.504	17.7	0.0	0.0	0.0	7.3
25	17.8	29.1	21.8	77.3	20.108	17.5	0.0	0.0	0.0	3.0
26	16.6	25.1	19.7	87.5	20.067	17.5	1.1	4.4	5.5	0.8
27	18.0	29.0	22.3	80.7	21.435	18.5	0.0	0.0	0.0	0.4
28	17.1	28.0	21.9	83.5	21.836	18.9	3.5	0.0	3.5	1.4
29	18.0	25.5	19.6	95.2	22.195	19.1	6.7	0.0	6.7	0.4
30	17.5	24.2	20.4	92.2	22.554	19.4	1.4	0.2	1.6	1.4
31	17.0	25.5	19.9	96.9	22.675	19.5	2.9	2.0	4.9	
PROM.	17.2	26.6	20.8	84.7	20.703	18.0	46.6	24.6	71.2	

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	17.0	26.7	20.8	83.6	20.578	17.9	3.2	0.0	3.2	3.0
2	17.0	26.0	20.6	83.6	20.499	17.8	3.7	0.0	3.7	
3	17.1	25.5	19.8	89.2	20.868	18.2	16.4	0.0	16.4	1.1
4	16.5	30.0	21.4	79.4	19.525	17.0	1.0	0.0	1.0	8.2
5	16.2	29.0	21.4	83.3	20.903	18.2	0.7	1.0	1.7	6.8
6	17.5	28.2	21.3	83.0	20.750	18.0	0.3	0.0	0.3	6.6
7	16.9	26.0	19.9	85.4	20.115	17.6	6.5	0.0	6.5	
8	17.3	28.2	21.2	79.5	19.419	16.9	0.0	0.0	0.0	8.1
9	16.9	29.5	20.7	85.2	21.261	18.5	0.0	0.0	0.0	
10	17.0	29.5	21.6	77.5	19.563	17.0	1.0	0.0	1.0	3.6
11	16.5	26.5	20.8	83.2	20.498	17.9	0.0	1.0	1.0	2.9
12	16.9	28.0	20.9	81.1	19.663	17.1	0.0	0.0	0.0	1.7
13	17.5	25.8	19.4	82.9	18.804	16.5	0.0	0.0	0.0	5.1
14	15.5	28.5	20.3	74.4	17.647	15.5	0.0	0.0	0.0	8.5
15	17.5	30.2	21.9	77.6	19.627	17.1	0.0	0.0	0.0	
16	16.8	30.0	22.0	76.9	20.070	17.5	0.0	0.0	0.0	
17	15.0	30.5	21.4	79.4	19.765	17.3	0.0	0.0	0.0	6.8
18	17.8	30.0	22.2	79.5	21.226	18.4	0.0	0.0	0.0	2.9
19	16.9	28.5	20.7	81.4	19.965	17.4	0.0	0.0	0.0	6.7
20	15.4	28.5	21.6	79.9	20.249	17.7	0.0	0.0	0.0	2.3
21	16.2	31.4	22.0	70.4	17.714	15.3	0.0	0.0	0.0	9.2
22	16.0	28.2	21.2	78.4	19.774	17.2	0.0	0.0	0.0	8.4
23	15.5	28.4	20.9	81.2	19.558	17.1	0.0	0.0	0.0	
24	19.2	30.2	22.5	72.1	18.619	15.9	0.0	1.6	1.6	5.9
25	17.5	28.5	21.4	80.0	19.903	17.3	2.8	0.0	2.8	4.0
26	16.6	26.5	20.1	81.7	19.203	16.8	0.2	0.0	0.2	1.9
27	16.8	27.5	22.3	79.3	20.837	17.9	0.1	3.4	3.5	2.6
28	16.9	26.5	21.8	82.4	21.145	18.3	0.0	0.0	0.0	4.8
29	16.5	29.2	21.6	81.7	20.671	18.0	0.8	0.0	0.8	5.2
30	18.0	25.8	20.8	85.7	20.982	18.2	0.0	0.0	0.0	
31	15.8	28.2	20.9	77.0	18.329	16.0	0.0	0.0	0.0	5.3
PROM	16.8	28.2	21.1	80.5	19.927	17.3	36.7	12.9	49.6	

ESTACION: **BLONAY**
 ALTITUD: **1.235**

MUNICIPIO: **CHINACOTA**
 LATITUD: **7-35 N.**

AÑO: **1.987**
 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	16.5	28.8	21.5	77.1	18.988	16.5	0.0	0.0	0.0	3.2
2	16.9	28.5	22.6	78.2	21.465	18.5	0.8	0.0	0.8	3.7
3	17.8	26.5	22.3	83.1	22.053	19.0	0.1	0.1	0.2	1.0
4	17.2	28.5	22.2	78.1	20.812	18.1	2.6	4.2	6.8	3.2
5	17.8	27.2	21.6	83.6	21.515	18.6	0.6	0.0	0.6	5.8
6	17.5	26.5	20.5	85.8	20.487	17.9	16.5	0.5	17.0	6.1
7	16.2	30.5	21.1	76.4	19.084	16.7	0.0	0.0	0.0	6.2
8	15.6	31.0	21.9	76.5	19.821	17.3	0.0	0.0	0.0	6.5
9	17.2	28.5	21.8	79.5	20.830	18.1	0.0	0.0	0.0	6.8
10	16.6	29.0	22.4	79.8	21.127	18.3	0.0	0.0	0.0	6.4
11	16.9	28.0	22.3	78.3	20.650	17.9	0.0	1.3	1.3	8.4
12	17.0	27.0	21.5	84.6	21.562	18.7	0.0	0.0	0.0	3.4
13	16.5	28.6	22.3	78.7	20.372	17.6	0.0	7.6	7.6	6.1
14	18.2	27.0	20.5	85.3	20.847	18.1	80.0	0.0	80.0	5.8
15	17.0	25.2	19.9	90.2	21.514	18.6	8.3	2.0	10.3	1.5
16	16.0	28.0	21.8	81.4	20.656	17.9	0.0	0.0	0.0	0.8
17	17.0	29.5	22.3	81.6	21.615	18.7	0.0	0.0	0.0	7.2
18	16.8	30.0	22.9	80.4	21.442	18.4	0.0	0.0	0.0	3.2
19	17.8	28.8	21.3	83.0	20.952	18.2	0.6	0.0	0.6	7.5
20	15.7	30.0	22.3	75.9	19.666	17.1	0.0	0.0	0.0	7.0
21	16.9	27.0	22.1	72.3	19.045	16.4	9.8	0.0	9.8	6.4
22	15.8	27.0	21.3	81.5	20.346	17.7	0.0	1.4	1.4	3.1
23	17.5	28.0	21.0	83.6	20.691	18.0	5.6	0.6	6.2	4.1
24	18.0	27.0	20.8	85.6	21.056	18.3	2.0	2.2	4.2	5.7
25	16.8	27.5	20.9	83.0	20.493	17.8	0.0	0.0	0.0	3.7
26	17.0	27.9	20.8	81.3	19.754	17.2	10.5	0.0	10.5	3.1
27	16.8	30.5	22.0	74.9	18.548	15.9	0.0	0.0	0.0	6.2
28	16.5	29.0	22.0	78.0	20.076	17.3	0.0	0.0	0.0	5.3
29	17.2	28.5	21.8	81.3	21.056	18.2	0.0	4.5	4.5	4.5
30	18.0	27.0	20.5	84.6	20.371	17.7	19.0	1.4	20.4	3.2
PROM.	16.9	28.2	21.6	80.8	20.563	17.8	156.4	25.8	182.2	1.3

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	23.5	20.1	89.7	21.508	18.7	15.9	0.0	15.9	0.2
2	16.9	25.5	20.8	96.4	23.826	20.3	6.5	90.2	96.7	2.0
3	16.8	26.4	21.0	84.2	20.780	18.0	2.5	1.9	4.4	3.0
4	17.6	27.5	22.0	82.4	21.115	18.1	0.6	0.3	0.9	2.6
5	18.5	25.0	20.8	86.3	21.288	18.4	0.0	0.0	0.0	0.6
6	17.5	27.5	22.6	80.1	21.515	18.4	0.0	1.3	1.3	2.8
7	18.6	27.0	20.8	80.5	19.822	17.2	0.0	0.0	0.0	3.7
8	17.0	25.8	20.7	91.2	22.426	19.3	0.4	0.1	0.5	1.8
9	17.9	28.5	22.0	83.3	21.426	18.5	0.0	0.5	0.5	4.9
10	19.0	29.4	22.3	77.7	20.535	17.8	2.4	6.9	9.3	6.7
11	16.9	29.1	22.8	78.0	20.802	17.9	0.0	0.0	0.0	0.0
12	17.5	28.0	21.4	81.4	20.350	17.7	2.1	1.4	3.5	5.1
13	17.0	27.0	20.5	89.4	21.888	18.9	6.0	63.3	69.3	3.7
14	17.5	28.0	22.2	81.5	21.245	18.4	0.1	0.3	0.4	6.1
15	18.0	26.9	21.9	84.4	22.086	19.0	26.1	0.6	26.7	2.9
16	18.3	27.5	21.2	85.1	21.485	18.6	12.7	5.8	18.5	2.7
17	18.5	27.3	21.0	87.1	21.914	19.0	13.9	0.0	13.9	3.9
18	17.7	25.0	21.5	87.5	22.024	19.0	0.2	22.0	22.2	3.6
19	18.0	25.3	21.3	82.7	20.917	18.2	0.7	0.0	0.7	6.1
20	17.0	26.0	21.2	80.0	20.009	17.5	0.0	0.0	0.0	0.0
21	17.4	27.3	21.8	81.2	20.809	18.0	0.0	0.0	0.0	6.1
22	16.0	27.2	21.5	80.5	20.089	17.4	0.0	3.0	3.0	6.0
23	17.0	26.5	21.0	84.5	20.883	18.2	0.5	0.0	0.5	4.9
24	15.7	26.2	20.1	83.3	19.429	17.0	0.0	0.4	0.4	5.6
25	15.7	26.0	20.4	85.9	20.289	17.7	5.9	3.9	9.8	0.0
26	16.2	26.4	21.1	83.3	20.471	17.8	0.0	0.0	0.0	5.8
27	16.9	23.6	20.1	93.1	22.258	19.2	4.1	0.0	4.1	0.8
28	16.8	25.0	20.4	83.9	20.418	17.8	21.0	35.9	56.9	2.6
29	15.7	24.5	18.6	97.6	21.303	18.4	3.4	3.9	7.3	1.8
30	16.8	25.0	19.1	95.3	21.500	18.6	83.0	10.3	93.3	7.8
31	16.5	24.3	20.5	87.7	21.134	18.3	0.6	16.6	17.2	0.0
PROM.	17.3	26.4	21.1	85.3	21.147	18.3	208.6	268.6	477.2	0.0

ESTACION: **BLONAY**
 ALTITUD: **1.235**

MUNICIPIO: **CHINACOTA** AÑO: **1.987**
 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	
2	16.2	24.7	19.4	83.9	18.754	16.4	0.0	0.3	0.3	
3	16.5	25.3	19.9	83.1	19.140	16.8	0.0	0.0	0.0	
4	18.0	25.0	20.5	89.0	21.661	18.8	0.0	0.0	0.0	3.6
5	15.7	27.5	20.7	82.2	19.757	17.2	0.0	0.0	0.0	6.4
6	17.0	23.5	19.6	91.9	21.621	18.7	6.2	0.0	6.2	1.0
7	14.0	29.4	20.3	74.3	16.764	14.5	0.0	0.0	0.0	8.8
8	12.8	29.1	20.4	73.5	17.388	15.2	0.0	0.0	0.0	
9	14.2	28.0	20.1	73.1	16.897	14.6	0.0	0.0	0.0	7.2
10	14.3	27.3	20.6	77.5	18.161	15.7	0.0	0.0	0.0	6.9
11	13.9	28.0	20.2	76.6	17.105	14.7	0.0	0.0	0.0	8.6
12	14.8	26.2	19.2	82.0	17.782	15.6	0.0	0.0	0.0	5.4
13	14.9	26.0	19.4	82.3	18.200	15.9	0.0	0.0	0.0	5.1
14	14.9	25.7	20.2	83.0	19.138	16.7	0.0	0.0	0.0	8.0
15	14.7	26.5	20.8	82.0	19.549	17.0	2.3	0.0	2.3	
16	13.5	26.0	20.7	81.8	19.346	16.8	0.0	0.0	0.0	4.0
17	15.5	25.9	20.7	90.1	21.977	18.9	1.9	0.0	1.9	2.3
18	14.8	26.0	20.9	84.8	20.406	17.6	0.0	4.9	4.9	2.0
19	16.5	25.2	20.4	85.5	20.271	17.7	5.5	0.0	5.5	2.6
20	15.0	25.0	19.4	87.2	19.823	17.4	33.8	25.7	59.5	1.6
21	16.5	22.1	18.4	92.0	19.500	17.1	10.2	37.6	47.8	
22	16.0	23.3	19.3	90.0	20.288	17.7	28.8	26.9	55.7	
23	16.4	27.0	20.5	83.0	19.755	17.3	0.0	0.0	0.0	5.4
24	16.3	27.2	20.4	82.2	19.368	16.9	0.0	0.0	0.0	5.9
25	16.8	22.7	19.4	90.3	20.431	17.8	2.6	0.0	2.6	
26	15.5	24.7	19.0	85.6	18.703	16.4	1.7	0.2	1.9	2.7
27	16.6	26.5	20.2	85.8	20.599	18.0	18.4	3.1	21.5	2.9
28	16.9	23.1	19.3	96.8	21.753	18.8	2.7	13.4	16.1	4.0
29	16.2	25.0	19.8	90.5	20.886	18.2	3.6	1.1	4.7	
30	16.7	24.7	20.8	85.1	20.927	18.2	3.1	33.1	36.2	2.2
PROM.	15.6	25.7	20.0	84.3	19.498	17.0	123.7	147.6	271.3	

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	
2	15.2	26.2	20.0	80.7	18.834	16.5	0.2	0.0	0.2	4.6
3	14.0	25.9	19.7	85.2	19.343	16.9	9.3	0.0	9.3	5.1
4	15.1	25.4	19.3	85.6	19.092	16.8	26.1	5.1	31.2	4.9
5	15.9	25.2	19.6	84.8	19.382	17.0	5.5	0.2	5.7	7.1
6	16.0	25.8	19.7	82.0	18.548	16.3	0.0	0.0	0.0	
7	15.7	26.5	19.4	86.3	19.518	17.1	0.0	0.0	0.0	8.0
8	15.5	27.0	20.6	82.4	19.549	17.0	0.0	0.0	0.0	
9	16.7	26.8	20.4	83.0	19.484	17.0	1.3	0.0	1.3	7.1
10	16.0	24.2	20.1	85.6	20.131	17.6	1.8	0.0	1.8	2.7
11	16.0	24.2	19.8	93.3	21.527	18.7	6.4	0.0	6.4	2.3
12	15.0	26.8	18.9	85.4	18.485	16.2	0.0	0.0	0.0	5.7
13	15.8	25.4	19.5	86.7	19.640	17.2	0.0	0.0	0.0	
14	15.0	25.5	19.6	85.6	19.353	17.0	0.0	0.0	0.0	4.9
15	15.3	24.9	19.9	85.5	19.651	17.2	0.0	0.0	0.0	2.8
16	13.8	26.6	19.2	78.8	16.814	14.6	0.0	0.0	0.0	8.9
17	12.7	26.3	18.4	77.5	15.520	13.4	0.0	0.0	0.0	
18	11.0	26.5	18.0	75.5	14.945	12.8	0.0	0.0	0.0	8.7
19	14.9	22.4	18.7	82.3	17.892	15.8	0.1	0.0	0.1	5.1
20	14.7	23.9	17.7	86.1	17.691	15.6	0.0	0.3	0.4	
21	14.5	28.0	20.0	64.6	14.587	12.2	0.0	0.0	0.0	7.3
22	13.9	26.0	19.1	77.0	16.333	14.1	0.0	0.0	0.0	5.0
23	13.0	27.4	19.7	79.6	17.429	15.1	0.0	0.0	0.0	8.0
24	12.8	24.9	18.9	84.4	17.914	15.6	0.0	0.0	0.0	8.9
25	12.9	26.5	18.3	76.5	15.016	12.8	0.0	0.0	0.0	
26	12.9	26.6	19.5	79.3	17.082	14.8	0.0	0.0	0.0	7.1
27	14.2	23.3	18.8	82.9	17.469	15.2	0.0	0.0	0.0	
28	14.5	25.8	19.3	83.3	18.244	16.0	0.0	0.0	0.0	5.4
29	14.7	27.6	20.3	78.1	17.577	15.2	0.0	0.0	0.0	6.0
30	16.8	26.0	19.6	80.7	18.036	15.8	0.0	0.0	0.0	1.3
31	15.0	26.4	20.1	79.7	17.940	15.6	0.0	0.0	0.0	8.0
PROM.	14.7	25.8	19.4	82.2	18.181	15.8	54.5	5.6	60.1	

ESTACION: **BLONAY**
 ALTITUD: **1.235**

MUNICIPIO **CHINACOTA**
 LATITUD: **7-35 N.**

AÑO **1.987**
 LONGITUD **72-36 W.**

MESES	TEMPERATURA °C					Humedad relativa o/o	Tension vapor mb.	Punto rocio °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias llovias	
ENERO	14.8	26.0	19.9	12.5	28.8	82.4	18.687	16.3	43.7	5	174.0
FEBRERO	15.8	28.7	21.9	13.0	30.4	76.0	19.055	16.5	8.8	4	150.4
MARZO	18.5	27.0	21.8	16.0	30.5	79.7	20.510	17.9	44.1	11	95.8
ABRIL	17.4	27.5	21.6	14.5	30.0	75.6	19.385	16.9	84.8	12	
MAYO									123.2	18	
JUNIO	16.9	27.8	21.1	15.0	30.5	79.3	19.663	17.1	14.5	11	
JULIO	17.2	26.6	20.8	16.0	30.5	84.7	20.703	18.0	71.2	21	
AGOSTO	16.8	28.2	21.1	15.0	31.4	80.5	19.927	17.3	49.6	15	
SEPTIEMBRE	16.9	28.2	21.6	15.6	31.0	80.8	20.563	17.8	182.2	17	140.6
OCTUBRE	17.3	26.4	21.1	15.7	29.4	85.3	21.147	18.3	477.2	25	
NOVIEMBRE	15.6	25.7	20.0	12.8	29.4	84.3	19.498	17.0	271.3	16	
DICIEMBRE	14.7	25.8	19.4	11.0	28.0	82.2	18.181	15.8	60.1	9	
PROMEDIO											
TOTAL									1430.7	164	

ESTACION: **MARACAY**MUNICIPIO: **QUIMBAYA**AÑO: **1.987**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	16.0	26.3	20.8	75.0	18.537	16.3	0.6	0.0	0.6	5.1
2	14.0	28.0	20.6	76.2	18.235	16.0	0.0	0.0	0.0	9.1
3	14.6	29.1	20.6	75.6	18.268	16.0	9.8	0.0	9.8	9.0
4	15.1	27.4	19.9	78.3	18.139	15.9	0.0	0.0	0.0	5.8
5	14.1	26.0	20.2	79.1	18.498	16.3	0.0	0.0	0.0	5.1
6	15.0	28.0	21.5	78.2	19.854	17.4	0.0	4.6	4.6	8.2
7	17.4	24.2	19.8	90.7	20.891	18.2	40.0	6.6	46.6	1.2
8	16.8	27.4	20.9	80.6	19.851	17.4	0.0	0.0	0.0	5.1
9	15.8	27.2	21.4	78.9	19.890	17.4	0.0	0.0	0.0	4.6
10	16.5	27.1	20.9	78.5	19.296	16.9	3.9	0.0	3.9	4.5
11	16.4	25.3	21.0	79.7	19.752	17.3	0.0	0.0	0.0	2.0
12	15.9	28.0	21.2	77.2	19.202	16.8	0.0	0.0	0.0	8.3
13	14.9	28.7	21.9	72.8	18.836	16.5	0.0	0.0	0.0	9.5
14	15.5	28.8	22.0	72.6	18.865	16.5	0.0	0.0	0.0	8.8
15	15.0	29.5	22.0	74.1	19.114	16.8	0.0	0.0	0.0	8.7
16	15.7	27.4	20.8	79.0	19.406	17.0	0.0	0.0	0.0	6.0
17	15.8	30.0	23.4	66.2	18.400	16.2	0.0	0.0	0.0	9.2
18	16.0	29.7	22.5	71.5	18.926	16.6	0.0	0.0	0.0	8.3
19	17.5	22.4	19.4	90.9	20.708	18.0	1.1	0.5	1.6	0.0
20	15.6	27.0	20.4	75.7	17.936	15.8	0.0	0.0	0.0	6.5
21	15.7	24.0	20.1	77.7	18.165	16.0	0.0	3.1	3.1	0.7
22	16.0	26.0	19.2	81.9	18.604	16.4	62.9	2.7	65.6	2.8
23	15.8	26.6	20.8	80.0	19.374	17.0	2.2	0.1	2.3	4.8
24	16.0	27.8	21.3	78.0	19.620	17.2	0.0	0.0	0.0	8.0
25	15.4	27.5	21.1	75.1	18.462	16.2	0.0	0.0	0.0	5.8
26	16.0	28.4	21.5	76.2	19.384	16.9	0.1	0.6	0.7	7.4
27	16.4	28.8	22.5	75.7	20.052	17.5	0.0	1.0	1.0	6.9
28	16.0	28.7	21.4	77.0	19.226	16.9	0.0	0.0	0.0	7.5
29	16.2	29.3	22.1	73.8	19.198	16.8	0.0	0.0	0.0	8.2
30	15.0	28.2	21.4	76.9	19.345	16.9	0.0	0.0	0.0	7.0
31	17.5	28.0	22.2	80.4	21.546	18.7	3.6	0.0	3.6	2.1
PROM.	15.8	27.4	21.1	77.5	19.212	16.8	124.2	19.2	143.4	186.4

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	30.5	24.3	62.6	18.137	15.9	0.0	0.0	0.0	8.9
2	15.0	30.0	23.4	63.6	17.301	15.2	0.0	0.0	0.0	6.4
3	18.0	26.4	21.3	79.7	20.323	17.7	0.1	0.0	0.1	2.4
4	15.7	30.0	22.2	71.2	18.644	16.3	0.8	0.0	0.8	9.2
5	16.8	29.0	21.9	73.2	19.006	16.7	0.6	0.0	0.6	8.3
6	17.0	29.4	22.1	73.5	19.350	17.0	0.0	0.4	0.4	8.2
7	16.0	29.3	20.9	75.7	18.980	16.7	11.7	0.0	11.7	7.7
8	16.4	28.0	21.3	78.0	19.643	17.2	0.0	0.0	0.0	6.6
9	15.7	27.6	20.8	79.2	19.222	16.8	0.0	0.0	0.0	5.6
10	16.0	30.8	23.1	71.8	19.711	17.3	0.0	0.0	0.0	7.0
11	17.0	27.7	22.0	77.7	20.589	18.0	0.3	0.0	0.3	3.2
12	17.2	24.3	18.9	88.7	19.457	17.0	5.9	0.3	6.2	2.1
13	14.9	27.0	20.3	83.5	19.386	17.0	0.0	0.0	0.0	4.9
14	16.8	21.6	18.8	86.4	18.770	16.5	0.0	0.0	0.0	0.0
15	14.0	28.6	20.9	72.9	17.635	15.5	0.0	0.0	0.0	7.8
16	17.0	29.0	23.3	74.8	20.701	18.0	0.0	0.4	0.4	3.0
17	17.4	26.8	21.4	82.7	21.016	18.3	6.6	0.4	7.0	3.0
18	16.8	27.5	21.9	78.7	20.401	17.8	0.0	0.0	0.0	3.6
19	16.6	28.7	22.0	77.7	20.362	17.8	1.4	0.0	1.4	4.8
20	16.1	29.8	23.1	71.5	19.562	17.1	0.0	0.0	0.0	8.5
21	16.5	30.6	23.0	71.5	19.429	17.0	0.0	0.0	0.0	8.2
22	16.2	30.8	23.4	63.5	17.821	15.7	0.0	0.0	0.0	9.5
23	16.8	31.7	24.8	63.4	18.447	16.2	0.0	0.0	0.0	9.4
24	16.4	32.0	25.0	60.0	17.488	15.2	0.0	0.0	0.0	6.2
25	16.4	31.0	24.3	61.0	17.082	14.9	0.0	0.0	0.0	9.5
26	16.3	32.5	24.3	58.1	19.702	17.2	0.0	0.0	0.0	9.6
27	16.8	32.6	24.6	69.5	20.851	18.2	0.0	0.0	0.0	8.2
28	17.3	32.0	24.4	64.9	18.365	15.9	0.0	0.0	0.0	6.1
PROM.	16.5	29.1	22.4	73.0	19.192	16.8	27.4	1.5	28.9	177.9

ESTACION: **MARACAY**MUNICIPIO: **QUIMBAYA**

AÑO:

1.987ALTITUD: **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	31.0	23.2	71.5	19.797	17.3	0.1	0.0	0.1	7.6
2	17.0	28.0	23.0	72.9	20.545	17.9	0.0	0.0	0.0	2.4
3	16.8	29.9	23.0	70.8	19.403	17.0	0.0	0.1	0.1	5.8
4	16.3	23.3	19.2	90.3	20.112	17.6	7.7	0.0	7.7	0.0
5	16.0	28.2	22.1	71.7	18.652	16.4	0.0	24.7	24.7	7.3
6	15.8	27.4	21.4	74.4	18.376	16.1	0.0	1.6	1.6	7.4
7	16.4	27.8	21.9	70.9	18.408	16.2	0.0	54.8	54.8	6.0
8	16.6	25.0	21.0	78.6	19.223	16.9	0.0	0.0	0.0	4.4
9	16.8	23.0	19.3	83.7	18.592	16.3	4.5	0.0	4.5	0.0
10	16.6	28.4	21.3	71.2	17.677	15.6	0.0	6.3	6.3	10.4
11	16.7	26.2	22.0	73.7	18.697	16.4	1.6	0.1	1.7	7.5
12	16.4	28.3	20.4	78.1	18.728	16.4	6.4	3.1	9.5	6.1
13	16.8	25.8	19.7	81.2	19.046	16.7	15.7	0.4	16.1	3.6
14	13.5	27.0	20.8	75.4	18.019	15.9	0.0	0.0	0.0	6.1
15	16.4	28.5	22.0	75.2	19.516	17.1	0.0	0.0	0.0	4.5
16	17.4	26.2	20.8	79.6	19.722	17.3	0.8	0.0	0.8	1.5
17	15.5	28.2	21.4	77.9	19.652	17.2	0.0	0.0	0.0	6.2
18	15.6	28.4	22.4	73.2	19.473	17.0	0.2	0.0	0.2	7.6
19	16.5	27.0	22.3	73.4	19.895	17.4	0.0	0.0	0.0	2.2
20	16.0	31.4	23.7	72.1	20.312	17.7	0.0	0.0	0.0	10.2
21	18.0	28.8	23.6	73.3	20.969	18.2	0.0	0.0	0.0	3.8
22	17.1	29.0	23.5	75.2	21.369	18.6	0.0	0.0	0.0	6.0
23	17.7	25.0	21.6	83.5	21.653	18.8	0.0	0.0	0.0	0.0
24	16.6	28.8	22.2	78.8	20.545	17.9	0.4	0.0	0.4	6.8
25	16.8	29.9	22.0	74.8	19.918	17.4	6.0	10.4	16.4	6.7
26	16.2	26.4	21.4	81.2	20.542	17.9	0.0	0.1	0.1	2.7
27	17.7	27.2	22.6	74.8	20.277	17.7	0.6	0.6	1.2	4.8
28	18.8	27.7	22.5	78.8	21.203	18.4	0.0	0.0	0.0	3.3
29	18.0	29.5	23.2	74.6	20.809	18.1	0.0	0.0	0.0	3.9
30	17.0	28.2	21.3	78.9	20.565	17.9	21.2	0.2	21.4	2.3
31	16.7	26.5	21.5	78.6	19.994	17.5	0.1	7.8	7.9	4.5
PROM.	16.6	27.6	21.8	76.4	19.732	17.3	65.3	110.2	175.5	151.6

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	26.6	21.6	81.3	20.845	18.1	1.4	6.2	7.6	2.4
2	17.5	23.4	19.8	83.8	19.491	17.1	1.6	7.5	9.1	0.1
3	16.5	23.1	19.4	84.5	18.910	16.6	1.8	2.2	4.0	0.0
4	16.0	27.0	21.5	78.4	19.540	17.1	0.0	35.5	35.5	5.4
5	17.2	25.6	20.4	81.4	19.274	16.9	4.0	0.0	4.0	2.1
6	16.7	29.0	21.7	72.1	18.361	16.2	6.4	0.0	6.4	7.0
7	16.8	27.5	22.7	73.2	20.066	17.5	0.0	0.0	0.0	3.9
8	17.7	26.5	20.6	82.0	20.250	17.7	56.9	2.0	58.9	0.3
9	15.6	27.0	22.3	69.6	18.302	16.1	0.0	0.0	0.0	8.7
10	16.6	24.7	20.7	81.2	19.987	17.5	2.4	0.0	2.4	3.2
11	17.0	26.4	21.7	76.4	19.592	17.2	8.5	0.0	8.5	6.5
12	16.4	29.8	23.3	67.9	19.304	16.9	0.0	0.0	0.0	10.1
13	17.0	26.2	21.8	75.5	19.816	17.4	1.1	0.0	1.1	3.8
14	16.2	28.0	22.9	69.8	19.054	16.7	0.0	0.0	0.0	7.1
15	16.2	29.5	22.1	73.9	19.614	17.2	0.1	0.0	0.1	6.5
16	17.2	29.6	22.2	73.3	19.587	17.2	0.0	0.0	0.0	7.7
17	15.2	29.2	22.3	75.5	20.324	17.7	2.6	0.0	2.6	8.4
18	18.2	29.0	23.2	76.5	21.337	18.5	0.0	0.0	0.0	5.5
19	17.0	29.0	22.9	74.5	20.844	18.1	0.0	0.0	0.0	6.4
20	17.5	28.2	23.2	73.7	20.504	17.9	0.0	0.0	0.0	4.6
21	18.4	27.2	22.4	77.7	20.866	18.2	0.0	0.0	0.0	1.0
22	17.4	26.7	21.4	79.2	20.437	17.8	0.0	0.0	0.0	3.1
23	17.2	27.8	22.3	78.8	20.992	18.3	0.0	1.9	1.9	1.2
24	18.2	24.0	21.2	83.6	21.147	18.4	0.6	21.6	22.2	0.0
25	17.0	26.2	20.9	81.0	19.975	17.5	0.0	1.9	1.9	0.1
26	17.0	24.4	20.3	86.6	20.564	17.9	0.3	0.0	0.3	2.3
27	16.0	28.8	22.3	71.8	19.279	16.9	0.1	16.7	16.8	8.2
28	17.6	25.0	20.8	82.9	20.041	17.5	7.4	1.4	8.8	2.7
29	16.4	25.5	19.6	80.8	18.887	16.6	17.4	0.5	17.9	2.3
30	17.0	25.8	20.9	80.0	19.276	16.9	0.0	11.2	11.2	1.6
PROM	16.9	26.9	21.6	77.6	19.882	17.4	112.6	108.6	221.2	122.3

ESTACION: MARACAY

MUNICIPIO: QUIMBAYA

AÑO:

1.987

ALTITUD: 1.450

LATITUD: 4-36 N.

LONGITUD:

75-46 W.

M E S - M A Y O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	21.5	18.9	89.9	19.631	17.2	0.0	0.0	0.0	0.0
2	16.9	26.5	19.7	77.8	18.098	15.9	0.0	15.1	15.1	7.3
3	14.5	26.0	20.5	76.3	18.171	16.0	0.0	25.0	25.0	4.7
4	16.0	25.1	19.8	83.5	19.336	16.9	6.8	0.0	6.8	5.7
5	15.2	24.8	19.5	76.5	17.269	15.2	7.2	0.6	7.8	2.2
6	15.5	23.8	20.2	82.2	19.588	17.2	8.9	0.7	9.6	1.3
7	16.5	25.5	20.5	77.1	18.620	16.4	0.0	0.0	0.0	3.3
8	16.0	28.0	22.4	74.8	19.982	17.5	0.0	0.3	0.3	6.1
9	17.0	27.0	22.2	76.4	20.390	17.8	0.0	0.6	0.6	5.5
10	18.0	26.5	21.2	78.0	19.534	17.1	2.5	0.0	2.5	2.4
11	16.3	30.0	23.8	70.7	20.303	17.7	0.0	0.0	0.0	9.4
12	17.8	28.5	23.9	68.7	20.461	17.9	0.0	0.0	0.0	7.0
13	17.2	27.5	22.0	79.6	21.310	18.5	0.2	0.0	0.2	5.0
14	17.5	27.0	21.8	75.7	19.881	17.4	6.8	0.0	6.8	5.2
15	19.0	26.0	21.2	82.4	21.152	18.4	21.6	11.7	33.3	3.2
16	17.2	22.5	19.2	86.8	19.594	17.1	3.0	10.1	13.1	0.2
17	16.0	24.3	20.6	79.3	18.917	16.6	0.0	0.0	0.0	5.0
18	16.8	28.4	22.1	75.6	20.166	17.6	0.0	0.0	0.0	9.2
19	16.5	28.6	21.2	74.1	19.084	16.8	7.5	0.0	7.5	6.8
20	17.5	26.5	20.4	76.3	18.680	16.4	7.3	7.1	14.4	2.8
21	16.5	25.5	20.2	80.1	18.560	16.3	0.0	16.4	16.4	2.8
22	17.0	24.3	19.9	84.9	19.855	17.4	7.5	0.3	7.8	1.2
23	16.0	26.0	19.6	82.6	19.151	16.8	46.1	17.2	63.3	0.0
24	15.0	26.4	20.9	77.9	19.081	16.7	0.0	0.0	0.0	0.0
25	16.5	27.5	22.3	75.0	20.174	17.6	0.0	0.2	0.2	2.1
26	17.0	25.5	20.0	85.1	20.480	17.9	21.9	3.6	25.5	2.7
27	16.5	26.2	20.6	79.6	19.237	16.9	7.0	0.0	7.0	5.7
28	15.3	28.5	21.8	73.9	19.118	16.8	0.0	0.0	0.0	9.7
29	16.3	28.2	22.0	76.7	20.327	17.7	0.0	0.0	0.0	8.4
30	16.5	28.7	22.8	74.2	20.253	17.7	0.0	0.0	0.0	9.5
31	17.0	29.0	23.7	72.5	20.671	18.0	0.0	0.0	0.0	7.8
PROM.	16.6	26.4	21.1	78.2	19.583	17.1	154.3	108.9	263.2	142.2

M E S - J U N I O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	24.5	21.3	82.0	20.883	18.2	0.0	0.0	0.0	0.0
2	17.0	26.5	21.9	79.0	20.601	18.0	0.0	0.0	0.0	3.8
3	17.2	26.2	22.5	72.6	19.865	17.4	0.0	0.0	0.0	4.8
4	16.5	24.5	20.1	85.1	20.067	17.5	0.0	0.0	0.0	2.9
5	17.0	22.6	19.2	87.3	19.428	17.0	16.0	0.0	16.0	0.1
6	16.0	26.0	20.8	81.2	19.854	17.4	0.0	0.0	0.0	4.2
7	16.7	26.8	21.5	76.4	19.698	17.3	0.0	0.0	0.0	2.6
8	16.8	27.0	21.5	79.0	20.443	17.9	2.5	0.0	2.5	3.6
9	17.5	30.0	22.8	71.4	19.648	17.2	0.0	0.0	0.0	7.7
10	16.5	29.8	23.4	75.8	21.546	18.7	0.0	0.0	0.0	9.2
11	18.5	26.0	21.2	79.5	20.313	17.8	1.9	0.0	1.9	0.0
12	15.8	28.2	22.3	73.8	19.873	17.4	0.0	0.0	0.0	7.5
13	18.0	25.4	21.8	80.2	20.971	18.3	0.0	0.0	0.0	0.0
14	19.0	25.0	21.2	83.5	21.144	18.4	0.6	0.1	0.7	1.9
15	17.0	26.4	21.3	78.0	20.036	17.5	0.0	0.0	0.0	3.8
16	17.0	28.0	22.3	77.5	20.591	17.9	0.0	0.0	0.0	5.6
17	16.5	28.6	23.4	74.3	20.877	18.2	0.0	0.0	0.0	7.0
18	18.0	29.5	22.2	76.8	20.492	17.9	0.0	0.0	0.0	5.1
19	16.0	29.0	22.2	75.9	20.676	18.0	1.2	0.0	1.2	7.0
20	16.8	27.0	21.7	78.4	20.245	17.7	0.0	0.0	0.0	1.2
21	16.0	28.0	22.3	76.3	20.603	18.0	0.0	0.0	0.0	7.2
22	16.7	29.5	23.9	71.6	20.731	18.1	0.0	0.0	0.0	8.8
23	18.0	27.0	22.9	75.8	21.347	18.5	0.0	1.2	1.2	1.1
24	18.5	26.4	20.9	86.3	21.295	18.5	0.0	0.0	0.0	2.0
25	16.5	28.3	21.9	82.5	21.255	18.5	0.0	0.0	0.0	6.0
26	17.0	29.0	22.7	69.8	18.996	16.7	0.0	0.0	0.0	6.0
27	15.5	30.0	24.6	55.1	16.700	14.4	0.0	0.0	0.0	10.2
28	15.0	30.1	24.5	59.0	17.569	15.1	0.0	0.0	0.0	10.1
29	15.4	30.0	22.9	74.3	20.734	18.1	0.0	0.0	0.0	4.2
30	16.0	27.0	21.9	76.6	19.989	17.5	0.0	0.0	0.0	5.7
PROM.	16.9	27.4	22.1	76.5	20.216	17.6	22.2	1.3	23.5	139.7

ESTACION: MARACAY

MUNICIPIO: QUIMBAYA

AÑO: 1.987

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	16.0	28.5	21.5	75.7	19.132	16.8	2.0	0.0	2.0	5.0
2	15.5	28.0	22.0	75.4	19.654	17.2	0.0	0.1	0.1	7.9
3	17.8	26.3	21.2	78.2	19.747	17.3	0.0	0.0	0.0	3.4
4	18.6	25.4	20.8	78.4	19.414	17.0	14.9	1.7	16.6	3.6
5	16.0	27.4	21.9	77.6	19.986	17.4	0.0	0.0	0.0	3.2
6	16.6	28.2	23.0	73.9	20.351	17.7	0.0	0.0	0.0	8.3
7	17.0	27.3	20.9	76.7	19.589	17.2	12.0	0.0	12.0	4.0
8	16.0	27.0	22.0	75.2	19.707	17.2	0.0	0.0	0.0	3.9
9	17.5	28.0	22.5	76.2	20.559	17.9	0.0	0.0	0.0	3.9
10	18.0	28.5	22.7	77.1	20.660	18.0	0.9	0.0	0.9	6.3
11	18.0	27.6	22.2	74.1	19.453	17.0	0.0	0.0	0.0	3.4
12	17.0	28.0	22.1	73.6	19.766	17.3	21.5	0.0	21.5	8.4
13	16.8	29.0	23.3	72.9	20.193	17.6	0.0	0.0	0.0	7.8
14	16.5	28.1	22.9	74.7	20.542	17.9	0.0	0.0	0.0	5.9
15	18.0	27.0	22.2	76.6	20.370	17.8	0.0	0.0	0.0	4.4
16	16.5	27.8	22.7	72.4	19.358	17.0	0.0	0.0	0.0	7.0
17	18.0	23.6	19.6	85.0	19.718	17.3	12.7	0.2	12.9	0.6
18	17.0	24.0	20.5	87.8	21.016	18.2	0.0	0.0	0.0	1.8
19	16.1	26.6	22.0	68.1	18.192	16.0	0.0	0.0	0.0	6.1
20	16.0	28.3	22.7	72.3	19.821	17.4	0.0	0.0	0.0	7.5
21	16.2	28.6	23.8	70.2	20.408	17.8	0.0	0.0	0.0	8.9
22	17.4	27.5	21.7	77.9	19.922	17.4	6.2	0.0	6.2	5.9
23	15.0	27.4	21.0	78.4	18.993	16.7	0.5	0.0	0.5	5.6
24	16.5	25.0	20.1	88.0	20.696	18.1	3.7	2.9	6.6	1.7
25	17.4	26.4	21.5	74.7	18.581	16.3	0.2	3.2	3.4	5.4
26	17.2	23.0	20.4	84.3	20.050	17.5	0.4	0.0	0.4	0.2
27	16.0	24.8	19.8	89.2	20.506	17.8	6.1	1.2	7.3	2.8
28	18.0	26.8	21.8	78.1	20.034	17.5	0.0	0.0	0.0	5.0
29	18.0	26.5	20.9	83.9	20.873	18.2	0.2	28.6	28.8	2.2
30	17.2	25.5	20.8	82.5	20.077	17.6	0.0	35.8	35.8	4.3
31	17.0	24.2	20.2	84.6	19.872	17.4	0.2	14.7	14.9	1.1
PROM.	16.9	26.8	21.6	77.9	19.911	17.4	81.5	98.1	179.6	146.1

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	23.8	20.0	80.8	18.546	16.3	0.8	0.1	0.9	2.1
2	16.5	22.4	19.0	83.0	18.175	16.0	0.6	3.7	4.3	0.5
3	16.0	25.8	21.1	78.9	19.563	17.1	0.0	0.6	0.6	4.4
4	16.0	26.6	21.5	77.6	19.492	17.1	1.8	4.3	6.1	5.4
5	16.5	26.5	22.1	76.5	19.945	17.4	0.0	0.9	0.9	7.4
6	17.5	24.2	21.0	82.3	20.299	17.7	0.0	0.0	0.0	1.8
7	17.5	26.6	22.6	76.5	20.480	17.8	0.2	0.0	0.2	6.4
8	17.6	24.1	20.0	83.0	19.472	17.1	16.4	0.0	16.4	2.3
9	17.0	27.0	21.7	75.7	19.444	17.0	0.0	13.5	13.5	6.5
10	17.5	26.4	22.1	78.4	20.398	17.8	3.5	5.8	9.3	3.8
11	17.5	26.0	21.0	82.5	20.722	18.0	1.8	0.2	2.0	5.3
12	17.0	24.8	20.2	84.0	19.988	17.5	0.0	0.3	0.3	3.2
13	15.8	27.5	21.6	74.8	18.867	16.6	0.0	0.0	0.0	6.3
14	14.0	29.4	23.8	73.3	20.718	18.0	0.0	0.0	0.0	10.6
15	16.0	29.2	24.3	63.2	18.300	15.9	0.0	0.0	0.0	0.0
16	15.9	27.5	22.3	71.8	19.086	16.8	0.0	0.0	0.0	4.7
17	16.0	25.4	21.0	71.2	17.815	15.7	0.0	0.0	0.0	2.2
18	16.5	28.8	22.5	62.5	16.528	14.4	0.0	0.0	0.0	5.3
19	15.5	29.0	22.4	69.0	18.518	16.3	0.0	0.0	0.0	9.9
20	17.0	28.0	24.0	62.6	17.591	15.3	0.0	0.0	0.0	8.3
21	16.0	30.0	23.8	68.8	19.342	17.0	0.0	0.0	0.0	7.8
22	17.0	29.0	23.6	62.5	16.941	14.7	0.0	0.0	0.0	6.1
23	16.8	30.5	23.8	67.2	19.395	17.0	0.0	0.0	0.0	9.3
24	16.5	30.0	24.3	70.1	20.373	17.7	0.0	0.0	0.0	7.4
25	17.0	29.8	24.1	55.6	15.231	13.0	0.0	0.0	0.0	7.2
26	16.0	30.2	23.9	66.3	18.524	16.3	0.0	0.0	0.0	6.5
27	17.0	28.4	22.2	73.8	19.735	17.3	0.0	0.2	0.2	5.1
28	17.0	28.0	23.2	68.3	18.360	16.1	0.0	0.0	0.0	8.6
29	16.5	29.0	21.0	77.2	19.209	16.8	3.4	0.0	3.4	0.7
30	16.0	27.0	21.9	76.0	19.855	17.4	0.0	0.0	0.0	
31	17.4	28.6	22.7	74.0	20.205	17.7	0.0	0.0	0.0	
PROM	16.5	27.3	22.2	73.1	19.068	16.7	28.5	29.6	58.1	

ESTACION: MARACAY

MUNICIPIO: QUIMBAYA

AÑO:

1.987

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	18.0	27.0	20.3	80.6	19.370	17.0	0.0	0.0	0.0	5.0
2	15.8	27.1	23.4	68.6	18.888	16.5	0.0	2.1	2.1	6.1
3	17.5	24.0	19.3	89.0	19.986	17.5	20.5	0.0	20.5	1.9
4	17.0	23.7	20.3	90.0	21.153	18.4	1.3	21.8	23.1	0.5
5	17.4	23.2	20.0	89.3	21.002	18.3	4.8	0.0	4.8	0.1
6	14.8	28.0	21.2	75.5	18.646	16.4	0.0	0.8	0.8	7.8
7	17.5	25.8	23.6	70.8	20.091	17.6	0.0	0.0	0.0	5.5
8	17.5	25.8	21.7	83.0	21.538	18.7	0.0	0.0	0.0	3.1
9	17.0	26.6	21.1	82.8	20.778	18.1	10.2	0.0	10.2	4.4
10	15.5	28.0	22.6	80.1	21.378	18.6	0.0	0.0	0.0	6.4
11	17.0	29.4	22.0	70.4	18.744	16.5	0.0	0.0	0.0	6.3
12	16.8	28.0	21.8	81.8	21.938	19.0	15.4	0.0	15.4	7.7
13	17.5	27.6	21.0	80.9	19.963	17.5	2.9	11.0	13.9	5.9
14	17.8	26.8	23.2	84.1	23.378	19.9	0.3	1.0	1.3	6.5
15	16.8	30.4	23.7	74.4	21.049	18.3	0.0	0.0	0.0	4.7
16	18.8	29.0	22.3	80.5	21.499	18.6	0.0	0.6	0.6	10.0
17	16.8	28.0	21.6	84.2	21.762	18.8	4.3	0.0	4.3	8.1
18	17.0	28.4	22.0	82.8	22.016	19.0	5.7	0.0	5.7	5.8
19	17.4	24.4	19.0	89.6	19.949	17.4	14.7	0.0	14.7	8.2
20	17.5	25.3	20.5	88.3	21.206	18.4	11.3	4.2	15.5	2.3
21	16.8	26.4	20.9	82.4	20.040	17.5	0.6	0.0	0.6	1.8
22	18.0	26.0	19.3	88.1	19.785	17.3	0.2	0.0	0.2	3.3
23	16.8	27.4	20.2	84.9	20.334	17.7	0.2	0.0	0.2	2.1
24	17.5	22.3	19.3	93.4	21.271	18.5	9.6	0.1	9.7	4.7
25	15.8	25.5	21.3	82.3	20.912	18.2	18.2	0.0	18.2	4.0
26	17.5	24.8	20.8	82.2	20.241	17.7	0.0	0.0	0.0	3.1
27	17.0	28.0	20.2	81.5	19.833	17.4	0.0	0.0	0.0	6.5
28	15.0	26.4	20.5	79.3	18.650	16.4	31.0	3.6	34.6	4.8
29	16.5	23.5	19.1	84.5	18.724	16.5	0.7	54.3	55.0	6.4
30							5.7	0.0	5.7	2.5
PROM.	17.0	26.5	21.1	82.2	20.505	17.9	157.6	99.5	257.1	145.5

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	14.4	27.5	21.3	69.1	16.992	14.9	0.0	0.0	0.0	7.7
2	17.4	25.5	20.0	87.8	20.635	18.0	36.2	0.9	37.1	2.7
3	16.4	24.6	19.3	85.7	19.259	16.9	0.0	0.0	0.0	3.2
4	16.8	26.4	21.1	82.0	20.646	18.0	0.0	1.1	1.1	4.2
5	17.6	27.0	20.9	84.0	20.847	18.1	45.1	0.9	46.0	3.6
6	17.4	26.0	22.2	82.1	21.643	18.7	0.0	0.1	0.1	0.0
7	18.6	26.0	20.0	90.8	21.339	18.5	8.4	0.0	8.4	2.0
8	17.5	25.0	19.0	89.7	19.740	17.2	4.2	14.7	18.9	1.6
9	16.8	25.8	19.4	86.5	19.594	17.2	2.5	0.0	2.5	2.0
10	17.0	26.5	22.0	78.7	20.392	17.8	0.0	0.0	0.0	4.3
11	17.8	24.8	20.7	84.8	20.920	18.2	0.0	0.0	0.0	1.5
12	16.5	27.8	21.2	81.4	20.599	18.0	0.6	0.0	0.6	5.4
13	16.8	26.5	21.6	72.9	18.665	16.4	0.0	0.0	0.0	3.6
14	17.8	27.5	21.7	83.6	21.498	18.6	0.0	1.2	1.2	4.1
15	17.0	26.4	21.2	80.2	20.009	17.5	0.0	20.6	20.6	3.8
16	16.8	27.5	21.1	81.4	20.308	17.8	0.0	31.4	31.4	3.2
17	16.5	23.3	19.3	85.9	20.030	17.5	3.8	0.0	3.8	0.0
18	16.8	26.5	21.3	76.8	19.378	17.0	0.0	7.2	7.2	3.7
19	16.6	27.5	21.0	76.5	18.977	16.6	0.0	0.0	0.0	1.7
20	17.3	25.0	21.1	85.4	21.577	18.7	0.0	2.0	2.0	0.4
21	17.0	25.0	19.9	86.1	19.864	17.4	0.0	6.1	6.1	1.0
22	16.0	27.2	21.5	79.7	20.155	17.6	0.1	0.1	0.2	2.9
23	16.5	27.5	20.6	81.8	19.935	17.5	3.9	0.0	3.9	3.2
24	16.5	25.4	19.5	87.5	20.167	17.6	7.6	0.0	7.6	2.5
25	16.4	24.9	20.7	82.9	20.007	17.5	0.0	8.6	8.6	1.2
26	17.5	25.8	20.6	85.1	20.819	18.1	0.1	11.8	11.9	0.7
27	18.5	24.5	19.9	88.1	20.655	18.0	30.3	45.6	75.9	1.8
28	17.4	21.9	19.0	94.0	20.600	18.0	2.9	0.7	3.6	0.0
29	16.8	25.2	20.4	82.3	19.667	17.2	5.7	4.2	9.9	2.6
30	17.4	25.5	20.0	85.1	20.220	17.7	3.7	0.3	4.0	2.2
31	16.0	26.5	20.6	80.4	19.510	17.1	0.8	15.9	16.7	5.6
PROM.	17.0	25.9	20.6	83.2	20.150	17.6	155.9	173.4	329.3	82.3

ESTACION: MARACAY

ALTITUD: 1.450

MUNICIPIO: QUIMBAYA

LATITUD: 4-36 N.

AÑO: 1.987

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	15.4	26.0	20.0	78.2	18.237	16.0	0.2	0.8	1.0	5.7
2	15.7	26.8	20.2	77.5	18.402	16.2	0.0	19.7	19.7	8.0
3	17.0	26.5	20.1	79.6	18.885	16.6	0.4	0.0	0.4	4.4
4	17.5	24.3	19.9	83.5	19.417	17.0	0.1	0.0	0.1	2.5
5	16.0	27.0	21.1	77.0	19.261	16.9	0.0	0.0	0.0	6.8
6	15.8	27.6	20.9	80.3	19.754	17.3	0.0	0.0	0.0	4.7
7	17.0	26.0	20.9	81.6	20.427	17.8	0.0	0.0	0.0	4.6
8	14.5	27.6	20.7	78.8	19.170	16.8	0.4	0.0	0.4	5.8
9	16.0	28.6	21.1	80.7	20.334	17.8	4.3	0.0	4.3	6.8
10	16.5	28.5	21.6	78.8	20.272	17.7	0.0	0.0	0.0	6.7
11	16.5	28.5	21.8	79.0	20.786	18.1	0.0	0.0	0.0	5.3
12	16.0	27.5	21.0	80.1	20.217	17.7	16.4	1.6	18.0	6.6
13	18.5	26.7	21.3	79.0	20.316	17.7	0.1	0.0	0.1	4.1
14	17.5	25.2	20.9	83.5	20.954	18.3	1.2	52.6	53.8	3.3
15	17.2	25.5	20.2	80.5	19.590	17.2	0.0	0.0	0.0	4.5
16	16.8	27.5	21.4	80.7	20.649	18.0	0.0	0.0	0.0	4.6
17	17.0	28.0	22.2	79.3	21.227	18.5	0.0	0.4	0.4	5.4
18	18.0	27.5	20.7	84.0	21.018	18.3	6.5	9.8	16.3	3.9
19	16.0	25.5	20.1	88.0	20.992	18.3	17.0	10.9	27.9	3.4
20	16.5	26.5	20.1	84.3	20.151	17.6	23.9	33.8	57.7	4.3
21	15.5	25.0	19.6	82.8	18.971	16.6	0.0	0.0	0.0	3.4
22	14.0	27.0	21.2	72.2	18.164	16.0	0.0	0.0	0.0	9.4
23	15.5	28.0	22.0	76.2	20.006	17.5	0.0	0.0	0.0	9.1
24	18.0	27.5	22.1	75.2	20.403	17.8	0.0	8.7	8.7	7.3
25	16.5	22.5	19.2	89.1	19.919	17.4	0.0	0.0	0.0	0.3
26	16.0	26.0	20.5	80.7	19.375	16.9	0.0	7.2	7.2	4.6
27	15.5	26.0	20.5	79.3	19.054	16.7	0.0	0.0	0.0	3.7
28	15.5	28.0	21.3	73.1	18.580	16.4	0.0	0.0	0.0	9.0
29	15.9	27.5	21.4	74.9	19.050	16.7	0.0	4.6	4.6	6.5
30	17.0	21.0	17.6	98.1	19.764	17.3	79.3	0.1	79.4	0.0
PROM.	16.4	26.5	20.7	80.5	19.778	17.3	149.8	150.2	300.0	154.7

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	26.0	21.2	78.1	19.378	17.0	0.0	46.6	46.6	4.9
2	17.0	25.0	19.0	80.9	17.798	15.5	0.0	24.1	24.1	1.8
3	16.0	24.0	19.4	82.8	18.657	16.4	0.0	0.0	0.0	3.9
4	16.0	25.5	20.0	82.1	19.370	17.0	0.3	10.9	11.2	5.1
5	17.0	25.4	20.3	79.1	18.911	16.6	0.0	0.0	0.0	6.0
6	13.2	26.6	20.6	79.5	18.908	16.6	6.7	0.3	7.0	4.7
7	17.0	24.3	20.9	82.6	20.209	17.7	0.0	0.0	0.0	1.6
8	17.0	27.5	21.8	76.7	20.165	17.6	6.1	0.0	6.1	4.4
9	16.1	27.2	20.9	80.1	20.013	17.5	0.3	0.0	0.3	0.0
10	17.1	25.1	20.8	83.4	20.448	17.9	7.7	0.0	7.7	2.9
11	16.0	26.0	20.4	85.1	20.536	17.9	1.6	0.0	1.6	2.8
12	16.1	26.2	21.3	81.6	20.663	18.0	0.9	0.0	0.9	7.7
13	16.1	24.4	21.4	82.0	20.562	17.5	0.0	0.0	0.0	3.8
14	17.0	27.0	21.3	80.1	20.106	17.6	0.1	0.0	0.1	5.5
15	16.0	28.0	21.8	75.7	19.849	17.4	0.0	0.0	0.0	6.3
16	16.0	28.1	22.0	71.7	19.353	17.0	0.0	0.0	0.0	5.5
17	16.0	27.1	21.7	71.1	18.586	16.3	0.0	0.0	0.0	8.7
18	17.0	29.0	21.5	77.4	19.698	17.3	0.0	0.0	0.0	9.2
19	16.0	29.0	22.1	77.8	20.798	18.1	0.0	0.0	0.0	7.1
20	17.0	29.1	22.4	75.0	19.636	17.2	0.0	0.0	0.0	4.6
21	16.0	29.1	22.0	71.7	18.644	16.4	0.0	0.0	0.0	9.2
22	14.1	29.0	21.9	74.3	19.541	17.1	0.0	0.0	0.0	9.3
23	15.6	29.3	22.3	69.1	18.583	16.3	0.0	0.0	0.0	9.2
24	15.6	29.0	22.0	71.4	18.875	16.6	0.0	0.0	0.0	9.0
25	16.0	29.0	21.2	76.9	19.369	17.0	0.0	0.0	0.0	8.9
26	17.1	28.0	22.1	69.5	18.518	16.3	0.0	0.0	0.0	5.8
27	18.1	29.0	21.3	82.1	20.909	18.2	0.0	7.8	7.8	7.7
28	18.0	26.0	20.5	78.8	19.207	16.8	1.7	13.4	15.1	4.0
29	17.5	28.5	21.8	78.6	20.506	17.9	0.8	10.1	10.9	4.8
30	18.0	28.8	22.4	80.3	21.592	18.7	0.0	0.3	0.3	6.9
31	17.5	28.5	22.9	72.9	20.265	17.7	0.0	0.0	0.0	6.8
PROM.	16.4	27.2	21.3	77.7	19.666	17.2	26.2	113.5	139.7	178.4

ESTACION: **MARACAY**MUNICIPIO **QUIMBAYA**AÑO **1.987**ALTITUD: **1.450**LATITUD: **4-36 N.**LONGITUD **75-46 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	15.8	27.4	21.1	14.0	30.0	77.5	19.212	16.8	143.4	12	186.4
FEBRERO	16.5	29.1	22.4	14.0	32.6	73.0	19.192	16.8	28.9	10	177.9
MARZO	16.6	27.6	21.8	13.5	31.4	76.4	19.732	17.3	175.5	19	151.6
ABRIL	16.9	26.9	21.6	15.2	29.8	77.6	19.882	17.4	221.2	20	122.3
MAYO	16.6	26.4	21.1	14.5	30.0	78.2	19.583	17.1	263.2	20	142.2
JUNIO	16.9	27.4	22.1	15.0	30.1	76.5	20.216	17.6	23.5	6	139.7
JULIO	16.9	26.8	21.6	15.0	29.0	77.9	19.911	17.4	179.6	17	146.1
AGOSTO	16.5	27.3	22.2	14.0	30.5	73.1	19.068	16.7	58.1	13	
SEPTIEMBRE	17.0	26.5	21.1	14.8	30.4	82.2	20.505	17.9	257.1	22	145.5
OCTUBRE	17.0	25.9	20.6	14.4	27.8	83.2	20.150	17.6	329.3	25	82.3
NOVIEMBRE	16.4	26.5	20.7	14.0	28.6	80.5	19.778	17.3	300.0	17	154.7
DICIEMBRE	16.4	27.2	21.3	13.2	29.3	77.7	19.666	17.2	139.7	14	178.4
PROMEDIO	16.6	27.1	21.5	14.3	30.0	77.8	19.741	17.3			
TOTAL									2119.5	195	

ESTACION: EL AGRADO

MUNICIPIO: MONTENEGRO AÑO:

1.987

ALTITUD: 1.35°

LATITUD: 4-28 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	30.0	22.2	76.0	19.960	17.4	1.9	0.0	1.9	
2	15.0	31.8	23.0	70.5	18.729	16.5	0.0	0.0	0.0	
3	15.8	32.0	22.7	72.1	18.944	16.5	0.1	0.0	0.1	
4	17.0	30.8	21.7	75.4	19.520	17.1	1.5	0.0	1.5	
5	16.6	29.2	22.8	73.2	19.528	17.1	0.0	0.0	0.0	
6	16.8	30.3	23.3	73.5	20.276	17.7	0.0	45.7	45.7	
7	19.0	26.8	22.0	82.6	21.720	18.8	16.1	0.0	16.1	
8	19.5	29.4	24.0	75.2	21.797	18.8	0.0	0.0	0.0	
9	18.2	30.8	23.3	68.8	19.301	16.9	0.0	0.0	0.0	
10	17.8	30.9	24.3	70.4	20.515	17.9	0.0	0.0	0.0	
11	18.6	28.3	23.1	75.0	20.697	18.0	0.3	0.0	0.3	
12	17.0	29.6	22.8	74.1	19.869	17.4	0.0	0.0	0.0	
13	15.8	31.8	23.4	71.0	19.462	17.0	0.0	0.0	0.0	
14	16.8	31.4	23.8	68.9	19.336	17.0	0.0	0.0	0.0	
15	15.7	32.0	24.0	70.6	19.873	17.4	0.0	0.0	0.0	
16	17.0	30.0	23.7	72.2	20.343	17.7	0.0	0.0	0.0	
17	17.5	33.5	25.1	67.1	20.048	17.5	0.0	0.0	0.0	
18	16.7	32.6	24.7	67.6	19.470	17.1	0.0	0.0	0.0	
19	19.5	24.6	21.2	87.4	22.228	19.2	2.3	0.6	2.9	
20	17.4	29.8	22.7	72.0	19.352	17.0	0.0	0.0	0.0	
21	16.8	27.0	22.5	76.6	20.320	17.7	0.0	0.0	0.0	
22	18.4	29.2	21.2	79.8	20.406	17.8	40.3	2.2	42.5	
23	17.9	29.8	22.8	79.5	21.443	18.5	2.8	0.2	3.0	
24	18.0	31.0	24.0	73.5	21.059	18.3	0.0	0.0	0.0	
25	17.5	31.2	24.3	71.0	20.566	17.9	0.0	0.0	0.0	
26	17.6	31.8	24.5	65.7	19.338	17.0	0.0	17.4	17.4	
27	18.8	30.8	24.6	69.8	20.826	18.1	0.0	0.0	0.0	
28	18.6	32.0	25.0	66.0	19.634	17.2	0.0	0.0	0.0	
29	17.5	32.3	24.5	68.5	20.171	17.6	0.0	0.0	0.0	
30	16.2	29.7	22.9	72.6	19.491	17.1	0.0	0.0	0.0	
31	18.0	28.2	22.9	71.9	19.352	17.0	0.0	0.2	0.2	
PROM.	17.4	30.3	23.3	72.9	20.115	17.6	65.3	66.3	131.6	

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.6	32.0	24.2	69.1	19.883	17.4	0.0	0.0	0.0	
2	15.6	32.1	24.2	63.6	17.432	15.3	0.0	0.0	0.0	
3	18.0	27.2	22.3	76.1	20.278	17.7	0.0	0.0	0.0	
4	16.0	31.0	23.2	68.3	18.397	16.1	0.0	0.0	0.0	
5	16.9	30.2	24.2	69.9	19.895	17.4	0.0	0.0	0.0	
6	17.8	30.1	23.3	70.5	19.363	17.0	0.0	0.0	0.0	
7	15.8	30.0	23.0	75.2	20.436	17.9	1.0	9.3	10.3	
8	17.0	29.4	23.5	73.1	20.509	17.9	0.0	0.0	0.0	
9	15.3	27.8	21.1	78.3	19.134	16.8	0.0	0.0	0.0	
10	16.4	31.3	24.3	72.9	20.625	18.0	0.0	0.0	0.0	
11	18.0	30.0	23.3	76.4	21.334	18.5	0.0	0.0	0.0	
12	18.4	28.0	20.9	84.6	21.328	18.5	5.2	1.1	6.3	
13	15.9	27.3	21.9	79.4	20.054	17.6	0.0	0.0	0.0	
14	17.0	22.0	19.4	92.1	20.742	18.1	0.9	0.0	0.9	
15	14.0	29.2	21.7	75.8	18.763	16.4	0.0	0.0	0.0	
16	16.9	30.0	23.2	71.3	19.335	17.0	0.0	0.6	0.6	
17	17.6	28.4	22.1	80.9	21.192	18.4	4.4	3.1	7.5	
18	17.5	29.2	22.7	80.4	21.561	18.6	0.0	0.0	0.0	
19	18.0	30.5	22.8	76.0	20.541	17.9	0.0	0.0	0.0	
20	16.8	30.8	24.2	71.5	20.365	17.8	0.0	0.0	0.0	
21	16.5	31.2	23.9	70.9	19.810	17.3	0.0	0.0	0.0	
22	15.5	32.0	24.4	70.9	20.235	17.7	0.0	0.0	0.0	
23	17.0	32.0	24.4	70.4	20.172	17.4	0.0	0.0	0.0	
24	16.8	32.3	24.3	69.9	19.847	17.4	0.0	0.0	0.0	
25	16.2	31.6	24.1	65.3	18.151	15.9	0.0	0.0	0.0	
26	16.4	33.5	23.7	73.6	20.609	17.9	0.2	0.0	0.2	
27	16.3	33.4	24.5	72.0	20.950	18.2	0.0	0.0	0.0	
28	17.9	33.7	25.3	68.6	20.895	18.2	0.0	0.0	0.0	
PROM.	16.8	30.2	23.2	73.8	20.066	17.5	11.7	37.1	48.8	

ESTACION: EL AGRADO

MUNICIPIO: MONTENEGRO AÑO: 1.987

ALTITUD: 1.350

LATITUD: 4-28 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	16.8	30.6	24.0	70.1	19.584	17.2	0.0	0.0	0.0	
2	17.0	29.6	22.4	77.5	20.471	17.8	0.4	0.0	0.4	
3	16.0	31.4	23.5	66.7	18.402	16.2	0.0	6.5	6.5	
4	16.0	22.2	18.8	90.4	19.407	17.0	60.9	0.0	60.9	
5	15.8	29.8	22.8	73.1	19.276	16.9	0.0	24.3	24.3	
6	16.2	28.8	22.8	75.6	19.945	17.4	0.0	0.3	0.3	
7	16.8	28.6	22.9	70.2	18.878	16.6	0.0	27.5	27.5	
8	17.8	26.8	22.1	78.7	20.332	17.8	0.0	0.1	0.1	
9	18.0	22.5	19.8	85.1	19.759	17.3	0.7	0.0	0.7	
10	15.0	29.1	22.1	72.4	18.291	16.1	0.0	1.2	1.2	
11	16.9	28.2	22.6	72.4	18.817	16.5	1.2	0.0	1.2	6.0
12	17.0	29.8	21.5	78.9	20.002	17.5	0.6	4.3	4.9	7.0
13	17.0	27.5	20.0	82.1	19.453	17.1	22.2	2.2	24.4	3.2
14	13.5	29.0	21.6	73.3	18.001	15.9	0.0	0.0	0.0	7.4
15	16.5	29.0	22.9	71.8	19.704	17.3	0.0	0.0	0.0	5.4
16	17.5	27.2	20.9	82.4	20.539	17.9	0.3	0.0	0.3	2.5
17	14.5	29.8	21.8	75.9	19.580	17.2	0.0	0.0	0.0	5.4
18	15.0	29.9	23.0	70.5	18.936	16.6	0.0	0.0	0.0	8.2
19	17.5	28.3	23.3	73.1	20.681	18.0	0.0	0.0	0.0	1.9
20	15.0	32.2	24.2	72.1	20.609	18.0	0.0	0.0	0.0	9.0
21	17.5	29.5	24.1	74.2	21.729	18.8	0.0	0.0	0.0	4.3
22	16.5	30.5	23.5	74.9	20.838	18.2	0.0	0.0	0.0	5.7
23	17.5	26.0	21.8	83.9	21.657	18.8	0.0	0.0	0.0	0.0
24	17.0	30.0	23.9	68.5	19.410	17.0	0.0	0.0	0.0	5.8
25	16.3	31.5	21.5	78.8	20.210	17.7	0.2	0.0	0.2	7.0
26	16.5	28.8	22.1	78.1	20.432	17.8	0.0	0.1	0.1	3.0
27	18.5	28.4	23.4	73.5	20.445	17.9	0.0	0.0	0.0	4.5
28	18.6	28.8	22.9	77.0	20.998	18.3	0.0	0.0	0.0	2.2
29	17.6	30.5	24.2	72.3	20.695	18.1	0.0	0.3	0.3	4.8
30	19.5	30.0	21.3	82.3	21.372	18.5	85.0	0.4	85.4	3.2
31	17.5	28.4	22.4	78.2	20.674	18.0	0.1	6.1	6.2	5.7
PROM.	16.7	28.8	22.4	75.9	19.972	17.5	171.6	73.3	244.9	

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	28.5	22.3	80.3	21.463	18.6	0.2	15.4	15.6	3.6
2	17.5	24.5	20.2	86.6	20.690	18.0	19.5	7.6	27.1	0.8
3	16.5	24.0	20.3	88.1	20.879	18.2	3.4	4.1	7.5	0.0
4	17.3	29.0	22.5	77.9	20.618	18.0	0.0	19.1	19.1	7.0
5	18.0	26.0	21.8	80.0	20.298	17.7	6.2	0.0	6.2	2.1
6	16.5	29.9	22.7	75.3	20.058	17.5	0.0	0.0	0.0	8.4
7	17.5	28.0	23.1	78.4	21.871	18.9	0.0	0.0	0.0	2.6
8	18.0	28.0	21.4	82.7	21.287	18.5	4.7	17.4	22.1	0.7
9	15.5	28.0	22.2	74.9	19.517	17.1	0.0	0.0	0.0	7.9
10	17.1	26.0	21.1	88.1	22.047	19.0	0.9	0.0	0.9	3.5
11	16.5	28.0	22.5	77.6	20.956	18.2	12.4	0.0	12.4	5.1
12	15.5	30.5	23.2	75.0	20.865	18.2	0.0	0.0	0.0	9.7
13	17.0	27.1	21.8	78.4	20.146	17.6	0.0	0.0	0.0	4.7
14	14.6	29.3	23.0	71.2	19.010	16.6	0.0	0.0	0.0	7.5
15	15.6	30.0	23.2	74.0	20.470	17.9	0.0	0.0	0.0	7.8
16	17.1	30.5	23.4	69.2	19.656	17.2	0.0	0.0	0.0	9.0
17	16.5	30.9	22.6	78.0	21.027	18.2	7.1	0.0	7.1	9.3
18	17.5	31.0	23.4	75.6	21.099	18.4	0.0	0.0	0.0	6.4
19	17.0	30.5	23.8	74.1	21.281	18.5	0.0	0.0	0.0	3.1
20	18.0	29.5	23.2	77.7	21.398	18.5	0.0	0.0	0.0	3.0
21	17.5	28.0	23.4	76.7	21.609	18.7	0.0	0.0	0.0	0.6
22	17.0	28.5	21.8	80.2	20.889	18.2	0.6	0.0	0.6	2.1
23	17.5	28.1	23.1	77.1	21.253	18.5	0.0	0.8	0.8	1.2
24	18.5	26.5	21.7	83.0	21.422	18.5	3.0	20.0	23.0	0.0
25	17.0	26.3	22.0	80.5	20.823	18.1	0.0	1.1	1.1	1.1
26	16.5	25.0	21.0	86.5	21.306	18.5	1.0	0.0	1.0	0.6
27	15.0	29.1	22.0	77.5	19.671	17.2	0.0	40.0	40.0	7.1
28	17.3	26.8	21.4	85.9	21.501	18.7	10.3	1.4	11.7	3.5
29	17.5	27.0	20.1	84.6	20.210	17.7	1.9	16.9	18.8	3.6
30	17.0	25.0	21.3	84.7	20.968	18.2	0.1	4.0	4.1	1.4
PROM.	17.0	28.0	22.2	79.3	20.810	18.1	71.3	147.8	219.1	123.8

ESTACION: EL AGRADO

MUNICIPIO: MONTENEGRO AÑO: 1.987

ALTITUD: 1.350

LATITUD: 4-28 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	17.1	22.5	19.5	92.9	21.136	18.4	0.0	0.1	0.1	0.0
2	16.1	27.8	21.1	75.1	18.331	16.1	0.0	30.1	30.1	3.3
3	14.1	28.1	21.8	78.7	19.683	17.2	0.0	9.7	9.7	6.8
4	16.5	26.8	20.3	84.9	20.300	17.7	1.2	0.2	1.4	5.0
5	15.3	27.0	20.0	82.3	19.305	16.9	50.3	0.0	50.3	3.8
6	17.0	25.0	20.5	85.6	20.837	18.2	0.0	1.1	1.1	0.3
7	17.1	26.5	21.7	82.5	21.136	18.4	0.5	0.0	0.5	4.7
8	16.5	29.0	22.2	77.5	20.531	17.9	0.0	0.2	0.2	6.2
9	17.4	27.4	22.1	79.0	20.515	17.9	0.0	0.7	0.7	4.1
10	18.1	26.3	22.2	82.0	21.701	18.8	0.0	0.0	0.0	2.5
11	15.3	31.0	23.3	70.9	18.894	16.6	0.0	0.0	0.0	9.8
12	17.5	30.3	23.9	72.3	21.019	18.3	0.0	0.0	0.0	6.3
13	17.5	28.1	22.3	79.7	21.507	18.7	1.3	0.0	1.3	4.0
14	17.5	28.5	22.7	78.1	21.351	18.5	0.0	13.7	13.7	4.7
15	19.0	28.0	21.7	83.9	21.923	18.9	0.1	15.8	15.9	6.2
16	16.5	23.1	19.7	92.1	21.490	18.6	23.4	4.6	28.0	0.0
17	16.0	26.0	21.7	80.7	20.383	17.8	0.0	0.0	0.0	3.4
18	16.3	29.3	22.8	78.6	21.110	18.3	0.0	0.0	0.0	9.2
19	17.5	29.5	23.3	73.1	20.558	17.9	0.0	0.1	0.1	7.8
20	17.3	27.5	20.7	84.1	20.800	18.1	9.8	0.7	10.5	2.8
21	17.0	26.5	20.7	83.2	20.015	17.5	0.2	34.2	34.4	2.9
22	17.5	25.3	20.6	82.2	19.912	17.4	8.9	3.2	12.1	2.6
23	16.6	27.5	20.5	83.2	20.120	17.6	20.6	15.3	35.9	3.6
24	16.3	27.3	21.3	77.9	19.302	17.0	0.0	0.0	0.0	5.5
25	17.0	29.0	22.7	79.3	21.282	18.5	0.0	0.0	0.0	6.2
26	16.6	27.5	20.5	82.8	20.437	17.8	34.8	3.6	38.4	4.4
27	16.4	28.0	21.5	76.8	19.287	16.9	0.0	0.0	0.0	5.5
28	15.0	29.8	23.3	72.1	19.798	17.3	0.0	0.0	0.0	9.8
29	15.5	29.9	22.9	77.7	21.506	18.6	0.0	0.0	0.0	9.0
30	16.0	30.0	23.1	73.3	19.877	17.4	0.0	0.0	0.0	9.5
31	16.3	30.0	23.7	74.0	20.633	18.0	0.0	0.0	0.0	7.4
PROM.	16.6	27.7	21.8	79.9	20.474	17.8	151.1	133.3	284.4	157.3

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	25.0	20.7	88.2	21.671	18.8	0.0	0.0	0.0	0.0
2	15.5	27.5	22.4	75.8	19.983	17.5	0.0	0.0	0.0	4.9
3	16.1	26.6	22.5	77.8	21.005	18.3	0.0	0.0	0.0	1.2
4	16.0	26.5	20.0	84.7	20.084	17.5	12.4	11.4	23.8	3.3
5	16.8	23.5	19.8	90.5	21.072	18.3	1.3	0.0	1.3	0.3
6	16.0	27.5	20.4	83.1	19.770	17.3	0.0	0.0	0.0	4.2
7	15.6	27.5	20.9	82.4	19.932	17.4	1.3	0.0	1.3	2.5
8	16.1	28.0	21.6	81.2	20.662	18.0	0.0	0.1	0.1	4.0
9	17.5	30.5	23.6	76.2	21.514	18.6	0.0	0.0	0.0	9.7
10	15.0	30.0	22.9	78.3	21.166	18.4	0.0	0.0	0.0	8.6
11	17.5	27.0	21.5	82.3	21.045	18.3	0.0	0.0	0.0	0.0
12	14.6	29.1	23.1	70.9	19.317	16.9	0.0	0.0	0.0	8.5
13	17.5	26.0	21.6	83.9	21.506	18.6	0.4	0.0	0.4	0.0
14	18.0	26.0	21.4	85.4	21.700	18.8	8.2	0.7	8.9	1.2
15	17.0	27.0	22.5	77.4	20.438	17.8	0.0	0.0	0.0	3.6
16	16.3	29.5	22.6	75.2	20.188	17.6	0.0	0.0	0.0	7.6
17	16.5	29.1	23.8	71.9	20.557	17.9	0.0	0.0	0.0	5.5
18	17.5	30.1	23.3	72.4	20.191	17.6	0.0	0.0	0.0	6.5
19	16.5	30.5	22.2	77.2	20.651	18.0	24.5	8.0	32.5	7.6
20	16.5	27.8	21.6	77.5	19.659	17.2	1.0	0.5	1.5	2.1
21	15.0	29.9	23.4	73.6	20.017	17.5	0.0	0.0	0.0	8.4
22	16.5	30.3	23.7	74.3	20.803	18.1	0.0	0.0	0.0	9.8
23	18.5	28.0	22.5	79.1	21.775	18.8	1.3	0.8	2.1	0.9
24	18.0	26.5	22.1	79.2	20.670	18.0	0.0	0.0	0.0	2.8
25	16.5	29.0	22.6	74.8	19.940	17.4	0.0	0.0	0.0	5.1
26	15.5	29.5	23.1	72.3	19.554	17.2	0.0	0.0	0.0	6.8
27	14.5	30.8	23.9	65.4	18.379	16.2	0.0	0.0	0.0	9.6
28	14.2	31.8	24.8	63.6	19.003	16.7	0.0	0.0	0.0	10.1
29	16.0	29.0	22.9	74.1	20.445	17.9	0.0	0.0	0.0	3.5
30	16.6	28.6	23.1	71.7	20.085	17.5	0.0	0.0	0.0	7.0
PROM	16.4	28.3	22.4	77.3	20.426	17.8	50.4	21.5	71.9	146.4

ESTACION: EL AGRADO

MUNICIPIO: MONTENEGRO AÑO: 1.987

ALTITUD: 1.350

LATITUD: 4-28 N. LONGITUD: 75-49 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.3	29.5	22.5	71.3	18.919	16.6	0.3	0.0	0.3	4.4
2	15.2	29.9	22.8	72.0	19.033	16.7	0.0	0.0	0.0	7.2
3	17.1	27.1	21.4	80.0	20.648	18.0	11.4	0.0	11.4	3.6
4	17.2	28.3	20.9	81.3	20.011	17.5	3.8	2.0	5.8	5.1
5	16.0	28.7	22.1	78.1	20.078	17.5	0.0	0.0	0.0	7.5
6	16.4	29.7	22.9	70.8	19.036	16.7	0.0	0.0	0.0	6.5
7	16.1	29.0	21.3	78.3	19.779	17.3	14.0	0.0	14.0	5.6
8	15.1	28.7	21.9	75.5	19.338	17.0	0.0	0.0	0.0	4.6
9	17.4	29.4	22.6	76.4	20.669	18.0	0.0	0.0	0.0	4.7
10	18.0	30.3	23.4	74.5	20.640	18.0	0.7	0.0	0.7	5.9
11	17.1	29.6	23.2	75.8	20.985	18.3	0.0	0.0	0.0	3.7
12	16.2	29.9	22.8	73.3	19.773	17.3	0.0	0.0	0.0	8.2
13	17.2	30.3	23.5	70.4	19.365	17.0	0.0	0.0	0.0	8.2
14	16.1	28.7	23.3	69.5	18.994	16.6	0.0	0.0	0.0	5.4
15	18.1	28.0	22.8	74.0	20.445	17.8	0.0	0.0	0.0	3.7
16	16.3	29.6	23.0	68.2	18.307	16.1	0.0	0.1	0.1	6.6
17	18.0	26.1	19.5	91.8	21.134	18.4	27.1	0.0	27.1	0.6
18	17.1	25.4	21.8	83.5	21.155	18.3	0.1	0.0	0.1	2.9
19	15.4	29.0	22.2	77.5	20.363	17.7	0.0	0.0	0.0	6.9
20	16.0	29.4	23.1	73.4	20.019	17.5	0.0	0.0	0.0	6.6
21	15.1	29.9	22.5	71.7	18.914	16.6	0.0	0.0	0.0	7.2
22	17.3	29.0	21.9	74.1	19.350	17.0	0.0	0.0	0.0	6.1
23	14.1	28.0	22.4	72.3	18.632	16.4	0.0	0.0	0.0	5.5
24	18.0	26.0	21.5	80.3	20.432	17.7	0.9	7.2	8.1	1.5
25	17.1	28.0	22.4	77.5	20.432	17.8	0.5	2.5	3.0	4.6
26	17.7	25.0	20.5	84.4	20.140	17.5	0.0	0.0	0.0	0.9
27	15.6	26.0	20.7	82.6	19.939	17.5	0.7	0.1	0.8	4.3
28	17.8	27.0	22.0	78.5	20.232	17.7	0.0	1.7	1.7	4.4
29	16.9	27.0	20.8	84.5	20.827	18.1	0.8	11.7	12.5	2.5
30	16.8	27.0	20.6	80.9	19.640	17.2	20.8	14.0	34.8	5.5
31	16.8	24.5	21.2	80.0	19.891	17.4	0.0	23.6	23.6	1.3
PROM.	16.6	28.2	22.0	76.9	19.905	17.4	81.1	62.9	144.0	151.7

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.1	25.1	20.0	79.1	18.162	15.9	0.9	18.7	19.6	3.2
2	16.1	24.3	19.8	80.9	18.613	16.3	1.3	6.3	7.6	1.0
3	17.1	26.4	21.0	79.0	19.527	17.1	0.0	0.4	0.4	5.9
4	16.7	27.9	22.1	75.7	19.645	17.2	0.0	0.3	0.3	5.8
5	16.7	28.0	21.8	75.4	19.151	16.8	0.0	2.2	2.2	6.7
6	16.8	24.5	20.5	84.5	20.372	17.8	0.4	0.0	0.4	0.3
7	16.7	28.1	22.7	73.0	19.360	17.0	0.0	0.1	0.1	6.0
8	18.1	26.2	21.3	81.0	20.453	17.9	0.0	0.0	0.0	1.9
9	16.8	29.4	21.6	76.3	19.316	16.9	0.1	8.4	8.5	7.5
10	16.8	27.1	21.1	81.9	20.334	17.8	2.0	0.0	2.0	4.9
11	16.1	25.4	19.3	91.7	20.670	18.0	7.9	3.5	11.4	3.9
12	16.8	25.1	19.4	82.9	18.757	16.5	1.1	0.2	1.3	1.7
13	14.6	28.2	21.3	78.7	19.180	16.8	0.0	0.0	0.0	6.8
14	13.5	30.1	23.5	73.1	19.785	17.1	0.0	0.0	0.0	9.3
15	14.6	29.6	23.5	67.9	18.482	16.2	0.0	0.0	0.0	8.8
16	15.7	28.1	21.5	74.5	18.982	16.7	0.0	0.0	0.0	5.8
17	17.1	24.3	20.1	82.1	19.493	17.1	0.0	0.0	0.0	1.2
18	15.4	29.6	21.7	76.2	19.148	16.8	0.0	0.0	0.0	3.9
19	15.6	30.4	23.2	70.2	19.084	16.8	0.0	0.0	0.0	9.3
20	16.3	29.0	23.3	72.6	19.832	17.3	0.0	0.0	0.0	6.6
21	17.1	31.6	23.4	69.9	19.132	16.8	0.0	0.0	0.0	8.3
22	16.6	29.8	23.7	64.5	17.971	15.7	0.0	0.0	0.0	5.4
23	16.4	31.8	21.8	75.4	18.956	16.6	0.6	5.5	6.1	9.4
24	16.1	30.0	23.3	60.8	16.183	14.0	0.0	0.0	0.0	6.8
25	15.6	30.1	23.4	64.1	17.951	15.7	0.0	0.0	0.0	7.1
26	15.1	30.1	23.5	63.5	17.047	15.0	0.0	0.0	0.0	6.1
27	17.1	28.8	22.7	71.5	19.145	16.8	0.0	1.8	1.8	4.6
28	16.6	29.0	23.2	71.2	19.125	16.8	0.0	0.2	0.2	7.1
29	16.3	30.0	21.8	73.0	18.839	16.5	0.0	0.0	0.0	7.8
30	16.4	28.1	22.3	71.4	18.615	16.3	0.0	0.1	0.1	3.3
31	18.0	28.1	23.1	67.3	18.735	16.5	0.0	0.0	0.0	4.3
PROM.	16.3	28.2	22.0	74.5	19.034	16.7	14.3	47.7	62.0	170.7

ESTACION: EL AGRADO

MUNICIPIO: MONTENEGRO AÑO: 1.987

ALTITUD: 1.350

LATITUD: 4-28 N. LONGITUD: 75-49 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.1	29.0	20.5	82.1	19.941	17.5	17.8	0.0	17.8	5.1
2	15.4	28.4	21.7	77.5	19.537	17.1	1.9	24.1	26.0	7.5
3	17.2	25.4	20.3	81.5	19.546	17.1	3.5	0.4	3.9	1.9
4	16.1	26.0	20.6	76.1	18.058	15.9	0.0	11.9	11.9	2.5
5	16.4	22.4	18.9	89.1	19.592	17.2	7.0	0.0	7.0	0.1
6	13.1	29.3	19.7	79.2	18.177	16.0	0.8	4.8	5.6	8.8
7	16.4	29.0	22.4	74.1	19.207	16.8	0.0	0.0	0.0	4.4
8	17.4	27.4	21.2	79.1	20.087	17.6	0.0	0.0	0.0	2.8
9	16.1	28.8	20.5	73.4	17.716	15.6	7.9	7.7	15.6	3.7
10	16.4	29.0	22.4	72.4	19.016	16.7	0.0	0.0	0.0	7.4
11	14.4	28.4	22.2	71.7	18.298	16.0	0.0	0.0	0.0	6.5
12	16.6	30.1	22.8	73.7	19.816	17.3	0.0	0.0	0.0	7.4
13	16.6	29.8	23.4	68.3	19.053	16.7	0.0	23.2	23.2	6.3
14	17.4	28.6	22.3	74.4	19.283	16.9	1.8	0.8	2.6	5.7
15	17.1	29.3	23.4	72.5	19.946	17.5	0.0	0.0	0.0	7.3
16	15.1	30.0	23.0	69.7	19.050	16.7	0.0	0.0	0.0	9.6
17	17.1	31.1	23.4	70.6	19.399	17.0	0.3	0.0	0.3	8.0
18	15.1	29.0	21.4	72.8	18.468	16.2	0.0	0.0	0.0	6.8
19	15.6	30.0	21.5	74.7	18.848	16.6	2.6	5.6	8.2	7.6
20	16.1	26.0	19.9	81.7	19.078	16.8	5.1	0.8	5.9	2.1
21	17.0	26.0	20.1	82.0	19.158	16.8	0.4	0.0	0.4	3.3
22	16.3	28.0	20.7	80.6	19.495	17.1	2.5	3.7	6.2	4.1
23	17.0	27.0	20.9	78.8	19.451	17.0	0.1	0.0	0.1	0.9
24	16.7	28.0	21.0	79.5	19.808	17.4	2.3	0.0	2.3	4.8
25	16.4	23.0	19.1	88.3	19.555	17.1	0.0	0.0	0.0	0.0
26	15.0	26.7	19.8	79.3	18.428	16.2	0.0	0.0	0.0	1.9
27	17.1	29.3	20.9	71.6	18.262	16.0	0.0	0.0	0.0	7.2
28	17.3	29.9	20.8	79.0	19.867	17.4	33.4	2.1	35.5	4.9
29	15.0	28.9	21.7	74.6	18.335	16.1	0.0	40.5	40.5	6.9
30	16.0	25.0	19.0	78.3	17.120	15.0	5.4	0.0	5.4	2.0
PROM.	16.3	28.0	21.2	76.9	19.053	16.7	92.8	125.6	218.4	147.5

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.1	28.3	21.5	70.2	17.300	15.2	0.0	4.2	4.2	7.6
2	16.8	27.0	21.2	80.8	20.173	17.6	1.4	0.5	1.9	4.4
3	15.1	28.0	20.9	78.3	19.309	16.9	0.5	0.0	0.5	5.3
4	16.4	28.1	21.8	77.7	20.029	17.5	0.0	0.0	0.0	4.0
5	16.8	28.1	21.1	78.3	19.495	17.1	1.0	0.0	1.0	4.7
6	16.0	28.1	21.9	76.3	19.320	16.9	0.0	1.8	1.8	4.0
7	17.7	26.4	20.8	81.7	20.327	17.8	6.4	0.0	6.4	1.4
8	15.7	25.1	19.7	83.5	19.188	16.9	3.8	31.1	34.9	2.4
9	15.7	26.0	20.4	81.9	19.364	17.0	1.9	0.0	1.9	2.3
10	14.6	27.9	21.8	74.1	18.711	16.4	0.0	0.0	0.0	4.8
11	17.1	26.1	19.8	80.3	18.840	16.5	0.0	0.0	0.0	1.4
12	16.7	28.3	20.9	78.4	19.545	17.1	0.1	0.0	0.1	5.3
13	15.4	28.4	21.9	70.2	18.071	15.9	0.0	0.0	0.0	6.2
14	17.0	27.3	21.4	78.8	19.849	17.4	0.0	0.4	0.4	3.5
15	17.0	28.4	21.7	79.9	20.363	17.8	5.1	9.5	14.6	4.7
16	17.0	29.0	22.0	77.1	19.920	17.4	0.0	5.4	5.4	3.6
17	17.4	24.1	19.9	82.7	19.191	16.8	0.0	0.0	0.0	0.0
18	16.3	28.1	20.6	78.4	18.880	16.6	0.0	6.2	6.2	1.6
19	17.1	27.1	21.4	73.7	18.573	16.3	0.0	0.0	0.0	4.1
20	17.0	25.1	20.5	80.8	19.586	17.2	0.0	23.1	23.1	0.5
21	17.0	24.4	20.2	83.3	19.830	17.4	0.0	3.0	3.0	0.1
22	16.8	27.4	21.5	79.0	19.806	17.3	0.0	0.0	0.0	3.4
23	16.0	28.1	20.8	79.0	19.234	16.9	0.6	0.0	0.6	3.6
24	16.1	27.1	19.9	82.3	19.386	17.0	21.5	0.0	21.5	2.6
25	16.1	26.3	20.7	76.3	18.115	15.8	0.0	22.9	22.9	1.4
26	17.1	27.0	21.2	80.7	20.065	17.5	0.0	2.8	2.8	2.8
27	17.3	25.1	19.9	88.0	20.807	18.1	2.4	12.8	15.2	2.0
28	16.4	22.0	18.8	88.8	19.407	17.0	3.6	2.3	5.9	0.0
29	16.1	27.0	20.2	80.4	18.812	16.5	4.5	10.6	15.1	2.9
30	16.4	25.1	20.2	82.0	19.411	17.0	0.0	0.6	0.6	1.0
31	15.1	28.1	20.8	77.7	18.982	16.7	5.6	3.6	9.2	5.6
PROM	16.3	26.9	20.8	79.4	19.351	17.0	58.4	140.8	199.2	96.9

ESTACION: EL AGRADO

MUNICIPIO: MONTENEGRO AÑO: 1.987

ALTITUD: 1.350

LATITUD: 4-28 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	
2	16.3	27.1	20.9	72.8	17.215	14.9	4.3	3.4	7.7	7.6
3	16.1	27.4	20.4	79.7	19.019	16.7	8.0	0.0	8.0	3.9
4	16.1	27.1	21.9	75.2	19.375	17.0	0.0	0.0	0.0	4.5
5	16.6	29.1	22.1	73.8	19.438	17.0	0.0	0.0	0.0	5.7
6	16.6	27.8	21.7	77.3	19.866	17.4	0.0	0.0	0.0	3.6
7	16.6	27.9	20.5	79.2	19.463	17.1	0.0	0.0	0.0	3.6
8	14.6	28.9	22.5	69.5	18.458	16.2	0.0	0.0	0.0	6.8
9	16.4	28.8	21.6	74.6	19.111	16.8	0.0	0.0	0.0	8.2
10	14.1	29.3	22.9	74.1	20.319	17.7	0.3	0.0	0.3	7.5
11	15.4	28.0	21.7	78.6	20.013	17.5	0.0	0.0	0.0	6.5
12	16.4	29.3	21.6	74.9	18.992	16.7	0.0	0.3	0.3	5.8
13	17.1	27.4	20.9	78.7	19.432	17.0	18.7	0.0	18.7	3.4
14	17.7	28.1	21.1	79.0	19.620	17.2	0.0	0.0	0.0	3.1
15	17.4	27.1	21.5	77.2	19.796	17.3	0.0	20.9	20.9	3.3
16	17.1	28.1	21.6	78.8	20.379	17.8	0.0	0.0	0.0	4.2
17	16.8	28.8	22.3	74.9	19.877	17.4	0.0	0.0	0.0	5.9
18	17.4	27.9	21.2	80.3	20.533	17.9	2.2	1.0	3.2	3.2
19	17.5	26.3	20.4	80.5	19.642	17.2	2.4	0.0	2.4	2.6
20	16.8	27.4	21.1	75.3	18.635	16.4	0.4	36.7	37.1	4.3
21	16.0	25.1	19.7	77.6	17.505	15.3	0.0	0.0	0.0	2.2
22	13.7	28.8	21.8	67.1	17.687	15.5	0.0	0.0	0.0	9.3
23	16.0	29.3	22.1	75.8	19.374	17.0	0.0	0.0	0.0	9.4
24	16.1	29.0	22.0	74.5	19.448	17.1	0.0	5.0	5.0	6.7
25	16.0	23.0	19.5	85.2	19.278	16.9	0.0	0.0	0.0	0.1
26	16.1	26.3	20.8	81.0	19.726	17.3	0.0	1.5	1.5	4.8
27	15.4	27.0	20.4	79.2	18.728	16.5	0.0	0.0	0.0	4.0
28	13.1	28.6	21.8	69.3	17.669	15.5	0.0	0.0	0.0	9.1
29	14.4	28.8	21.3	69.1	16.621	14.5	0.0	3.8	3.8	7.1
30	16.5	19.0	17.5	93.1	18.758	16.5	40.2	0.0	40.2	0.0
PROM.	16.0	27.5	21.2	76.7	19.046	16.7	83.7	74.4	158.1	154.3

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	
2	16.6	24.0	20.1	81.9	19.383	17.0	0.1	2.7	2.8	0.9
3	16.6	25.5	19.8	77.6	17.904	15.8	0.0	0.2	0.2	3.2
4	16.1	28.0	20.4	74.0	17.704	15.5	0.0	7.2	7.2	6.8
5	16.8	28.0	20.8	77.1	18.485	16.2	0.0	0.0	0.0	4.5
6	14.1	27.4	21.5	76.6	18.829	16.5	0.0	0.0	0.0	5.1
7	16.7	26.1	22.0	76.3	19.523	17.1	0.0	0.0	0.0	1.7
8	17.0	28.8	21.7	72.2	18.575	16.3	0.0	0.0	0.0	6.0
9	16.3	27.2	21.8	74.8	19.558	17.1	0.0	0.0	0.0	5.1
10	17.0	27.0	21.2	80.6	20.251	17.7	0.0	0.0	0.0	2.5
11	17.3	28.0	21.4	82.2	21.124	18.4	0.5	0.0	0.5	4.7
12	16.0	28.8	21.8	74.4	19.232	16.9	0.0	0.0	0.0	5.2
13	17.3	27.7	22.8	73.2	19.761	17.3	0.0	0.0	0.0	3.6
14	17.1	27.6	21.9	78.4	20.360	17.8	0.0	0.0	0.0	5.1
15	16.1	29.9	22.3	73.1	18.974	16.7	0.0	0.0	0.0	7.3
16	16.1	29.9	22.0	74.3	18.817	16.5	0.0	0.0	0.0	6.3
17	14.6	30.2	21.8	72.3	18.232	16.0	0.0	0.0	0.0	8.2
18	14.6	30.1	22.2	74.3	19.084	16.7	0.0	0.0	0.0	9.5
19	15.1	30.0	22.9	72.1	19.408	17.0	0.0	0.0	0.0	7.7
20	17.1	29.0	23.4	70.4	19.321	16.9	0.0	0.0	0.0	5.1
21	15.1	31.1	22.6	64.6	16.681	14.6	0.0	0.0	0.0	9.3
22	15.0	31.1	22.9	68.3	18.272	16.0	0.0	0.0	0.0	10.3
23	15.1	31.1	23.1	67.3	18.323	16.1	0.0	0.0	0.0	9.8
24	14.1	30.8	22.7	67.4	17.650	15.5	0.0	0.0	0.0	9.8
25	14.4	30.1	23.5	66.2	18.308	16.1	0.0	0.0	0.0	8.1
26	16.0	29.1	22.3	73.5	19.277	16.9	0.0	0.0	0.0	5.5
27	16.8	30.2	23.1	63.3	17.593	15.5	0.0	0.0	0.0	7.2
28	19.0	28.0	22.2	75.5	19.974	17.5	0.0	3.3	3.3	4.1
29	17.6	28.1	22.3	74.0	19.389	17.0	0.0	0.9	0.9	5.6
30	17.4	29.9	22.6	72.7	19.183	16.8	0.0	0.3	0.3	8.4
31	17.1	29.3	21.0	77.3	19.366	17.0	0.0	0.0	0.0	5.6
PROM.	16.1	28.7	21.9	73.6	18.894	16.6	0.6	46.0	46.6	188.2

ESTACION: EL AGRADO

MUNICIPIO MONTENEGRO

AÑO 1.987

ALTITUD: 1.350

LATITUD: 4-28 N.

LONGITUD 75-49 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tension vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias llovias	
ENERO	17.4	30.3	23.3	15.0	33.5	72.9	20.115	17.6	131.6	11	
FEBRERO	16.8	30.2	23.2	14.0	33.7	73.8	20.066	17.5	48.8	7	
MARZO	16.7	28.8	22.4	13.5	32.2	75.9	19.972	17.5	244.9	18	
ABRIL	17.0	28.0	22.2	14.6	31.0	79.3	20.810	18.1	219.1	18	123.8
MAYO	16.6	27.7	21.8	14.1	31.0	79.9	20.474	17.8	284.4	19	157.3
JUNIO	16.4	28.3	22.4	14.2	31.8	77.3	20.426	17.8	71.9	9	146.4
JULIO	16.6	28.2	22.0	14.1	30.3	76.9	19.905	17.4	144.0	15	151.7
AGOSTO	16.3	28.2	22.0	13.5	31.8	74.5	19.034	16.7	62.0	15	170.7
SEPTIEMBRE	16.3	28.0	21.2	13.1	31.1	76.9	19.053	16.7	218.4	19	147.5
OCTUBRE	16.3	26.9	20.8	13.1	29.0	79.4	19.351	17.0	199.2	24	96.9
NOVIEMBRE	16.0	27.5	21.2	13.1	29.3	76.7	19.046	16.7	158.1	14	154.3
DICIEMBRE	16.1	28.7	21.9	13.1	31.1	73.6	18.894	16.6	46.6	8	188.2
PROMEDIO	16.5	28.4	22.0	13.8	31.3	76.4	19.762	17.3			
TOTAL									1829.0	177	

ESTACION: LA BELLA

MUNICIPIO: CALARCA

AÑO: 1.967

ALTITUD: 1.450

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	25.2	20.5	81.2	19.461	17.1	34.9	0.0	34.9	4.2
2	14.8	27.3	20.8	78.3	18.696	16.4	0.0	0.0	0.0	7.4
3	15.8	28.0	20.9	80.7	19.690	17.2	4.8	0.0	4.8	9.2
4	16.4	26.0	20.9	84.1	20.454	17.8	0.5	0.0	0.5	4.3
5	15.8	26.0	21.8	78.2	19.925	17.4	0.0	0.0	0.0	4.2
6	16.6	27.0	22.5	74.4	19.444	17.0	0.0	0.0	0.0	7.7
7	18.0	24.1	21.4	88.1	22.150	19.1	23.1	8.2	31.3	0.6
8	18.0	26.4	22.8	84.4	22.663	19.4	0.0	0.0	0.0	5.1
9	17.8	26.3	21.9	82.8	21.353	18.5	0.0	0.0	0.0	3.5
10	15.0	27.0	21.5	81.8	20.560	17.9	0.0	0.0	0.0	4.6
11	17.0	26.0	21.4	83.3	21.111	18.4	0.0	0.0	0.0	0.9
12	16.8	27.0	22.6	79.3	20.964	18.2	0.0	0.0	0.0	7.2
13	16.0	28.4	22.7	77.3	20.464	17.8	0.0	0.0	0.0	9.0
14	16.8	28.0	22.3	78.3	20.525	17.8	0.0	0.0	0.0	9.0
15	16.0	28.4	22.9	77.2	20.935	18.2	0.0	0.0	0.0	9.0
16	17.0	26.8	21.6	82.1	20.670	18.0	0.0	0.0	0.0	5.3
17	17.3	29.4	22.5	76.9	20.757	18.1	0.0	0.0	0.0	7.9
18	17.0	28.4	22.6	78.1	21.279	18.5	4.2	0.3	4.5	0.0
19	17.8	22.0	21.5	77.4	19.323	17.0	0.0	0.0	0.0	6.6
20	16.6	27.0	21.6	77.9	20.207	17.6	0.0	0.7	0.7	0.3
21	15.8	23.8	21.3	82.2	20.562	17.9	5.8	0.0	5.8	2.1
22	17.0	25.2	20.2	87.2	20.547	17.9	0.0	0.1	0.1	4.4
23	16.8	25.6	21.5	82.0	21.546	18.6	0.0	6.2	6.2	7.3
24	16.5	26.5	22.8	80.4	19.971	17.3	0.0	0.0	0.0	4.7
25	15.6	26.0	22.3	77.3	20.338	17.7	0.0	0.0	0.0	6.1
26	16.0	27.6	22.8	77.2	19.576	17.2	0.0	0.2	0.2	3.7
27	17.0	27.3	23.2	73.1	19.214	17.2	0.0	0.0	0.0	8.6
28	17.2	29.0	23.5	71.8	20.237	17.7	0.0	0.0	0.0	7.9
29	16.0	30.0	23.5	71.8	22.011	19.0	0.0	0.0	0.0	7.5
30	16.5	28.0	23.3	74.5			0.0	0.0	0.0	1.9
31	18.0	26.0	22.7	81.8			0.0	0.6	0.6	
PROM.	16.6	26.8	22.0	79.9	20.475	17.8	73.3	18.5	91.8	168.9

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	18.5	30.0	24.6	67.2	19.416	16.8	0.0	0.0	0.0	8.0
2	17.4	30.2	24.5	63.9	18.007	15.6	0.0	0.0	0.0	7.6
3	19.0	25.6	22.3	82.4	21.974	19.0	0.0	0.0	0.0	1.4
4	16.5	29.5	23.5	70.6	19.470	17.0	0.0	0.0	0.0	7.5
5	18.0	29.6	22.8	75.1	20.230	17.7	0.0	0.2	0.2	7.0
6	18.6	28.8	22.9	75.3	20.699	18.0	0.0	0.0	0.0	6.6
7	17.4	29.0	23.4	71.0	19.953	17.5	0.0	0.3	0.3	7.1
8	17.6	28.0	23.2	79.6	22.245	19.2	6.0	0.0	6.0	5.1
9	16.8	27.4	22.4	80.5	21.097	18.3	0.0	0.0	0.0	5.0
10	17.8	29.8	24.2	72.0	20.626	17.9	0.0	0.3	0.3	5.7
11	19.0	28.4	23.9	80.2	23.015	19.7	0.0	20.2	20.2	5.8
12	18.5	24.4	20.3	89.4	21.660	18.8	19.1	2.0	21.1	1.6
13	15.5	26.8	21.8	79.8	19.668	17.2	0.0	0.0	0.0	3.4
14	18.0	20.8	19.4	94.0	21.167	18.4	1.6	0.0	1.6	0.5
15	14.8	27.6	22.8	74.6	19.428	17.0	0.0	0.0	0.0	6.4
16	17.8	27.4	23.0	75.8	20.638	18.0	0.0	0.0	0.0	4.3
17	18.0	26.6	22.7	79.8	21.462	18.6	0.0	0.0	0.0	3.0
18	18.6	27.4	23.3	77.8	21.597	18.7	0.1	0.0	0.1	3.2
19	18.8	28.0	23.0	75.2	20.790	18.1	0.0	0.0	0.0	4.3
20	17.0	28.6	23.7	70.6	19.799	17.3	0.0	0.1	0.1	6.4
21	17.6	29.4	23.4	71.1	19.585	17.2	0.0	0.0	0.0	8.7
22	17.0	30.2	24.1	70.1	20.105	17.5	0.0	0.0	0.0	8.8
23	18.0	30.4	24.4	69.0	20.105	17.5	0.0	0.0	0.0	8.7
24	17.4	31.2	24.6	65.2	18.689	16.3	0.0	0.0	0.0	6.4
25	17.8	30.6	24.4	65.7	18.582	16.2	0.0	0.0	0.0	7.2
26	17.0	32.6	24.4	69.8	20.304	17.8	0.0	0.0	0.0	9.6
27	17.2	31.3	24.3	72.8	21.340	18.5	0.0	0.0	0.0	7.8
28	17.6	31.6	25.0	63.7	18.735	16.4	0.0	0.0	0.0	7.6
PROM.	17.6	28.6	23.3	74.4	20.371	17.7	26.8	23.2	50.0	164.7

ESTACION: LA BELLA
 ALTITUD: 1.450

MUNICIPIO: CALARCA
 LATITUD: 4-31 N.

AÑO: 1.987
 LONGITUD: 75-40 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.6	28.2	23.6	71.5	20.214	17.6	0.0	0.0	0.0	6.5
2	17.5	27.0	23.2	74.9	20.805	18.1	0.0	0.0	0.0	2.9
3	16.0	28.5	22.9	75.3	20.037	17.5	0.0	8.7	8.7	5.6
4	17.0	23.2	19.8	93.5	21.452	18.6	3.3	0.0	3.3	0.0
5	16.0	28.0	23.2	71.6	19.487	17.1	2.5	17.2	19.7	7.3
6	16.0	27.0	20.4	80.9	19.066	16.7	0.0	12.5	12.5	6.9
7	16.6	25.0	20.6	82.1	19.756	17.3	0.0	57.7	57.7	5.6
8	17.0	25.2	20.8	80.0	19.160	16.8	0.0	1.4	1.4	4.4
9	17.0	22.8	20.1	82.2	18.995	16.7	4.7	0.0	4.7	0.1
10	15.8	27.5	22.4	71.8	18.172	16.0	0.0	0.0	0.0	8.9
11	16.5	26.0	21.5	76.4	19.131	16.7	2.7	0.0	2.7	3.6
12	16.0	27.0	20.4	78.7	18.942	16.7	11.9	16.7	28.6	6.3
13	16.5	25.8	19.6	84.7	19.536	17.1	5.3	0.6	5.9	2.3
14	14.5	27.0	20.9	80.0	19.376	16.9	0.6	0.0	0.6	5.8
15	17.5	27.0	22.1	76.8	20.092	17.6	0.0	0.0	0.0	4.7
16	18.0	25.0	21.0	79.9	20.091	17.6	0.0	0.1	0.1	1.0
17	16.0	27.0	21.5	81.4	20.555	17.9	0.1	0.0	0.1	4.4
18	16.0	28.0	23.5	71.4	19.480	17.1	0.0	0.0	0.0	6.8
19	17.6	26.5	23.5	75.2	21.112	18.4	0.0	0.0	0.0	1.9
20	16.5	29.8	23.6	73.9	20.595	18.0	0.0	0.0	0.0	7.7
21	18.0	27.0	23.5	78.3	22.196	19.2	0.0	0.0	0.0	1.1
22	17.0	28.5	23.6	75.2	21.034	18.3	0.0	0.0	0.0	6.2
23	17.0	24.5	21.9	84.8	22.151	19.1	0.0	0.0	0.0	0.0
24	16.8	28.5	23.4	72.3	20.095	17.5	0.0	0.0	0.0	6.9
25	17.0	29.5	22.6	74.8	20.452	17.8	0.0	0.0	0.0	8.4
26	17.0	27.2	22.4	80.7	21.489	18.6	0.5	0.0	0.5	2.5
27	18.0	27.0	23.1	77.2	21.401	18.6	0.0	1.0	1.0	2.8
28	18.5	27.0	23.3	78.8	21.935	19.0	0.0	0.0	0.0	3.5
29	18.4	28.0	24.7	73.6	21.762	18.8	0.0	0.0	0.0	3.6
30	18.8	27.5	21.4	84.9	21.973	19.0	23.6	0.0	23.6	2.2
31	17.0	26.2	22.3	82.5	21.718	18.8	0.0	0.0	0.0	2.5
PROM.	16.9	26.9	22.2	78.2	20.395	17.8	55.2	115.9	171.1	132.6

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	18.8	24.4	21.6	85.8	22.115	19.1	0.3	28.2	28.5	2.0
2	17.8	23.5	20.4	84.0	20.160	17.6	0.0	4.0	4.0	0.1
3	17.5	22.0	19.9	90.7	20.974	18.2	1.6	4.3	5.9	0.0
4	17.2	26.5	21.0	82.3	20.364	17.8	0.0	0.0	0.0	5.0
5	18.0	25.0	21.4	85.9	21.538	18.7	2.0	0.0	2.0	0.9
6	17.0	27.6	22.7	76.6	20.417	17.8	0.0	0.0	0.0	4.3
7	18.0	27.0	23.5	79.0	22.385	19.3	0.0	0.0	0.0	5.8
8	18.5	25.0	20.8	86.8	21.566	18.7	18.1	0.5	18.6	0.1
9	16.0	27.5	22.6	71.1	18.261	16.1	0.0	0.0	0.0	7.7
10	17.0	24.0	21.3	82.1	20.387	17.8	0.0	0.0	0.0	3.0
11	17.0	27.5	22.8	76.2	20.610	18.0	0.0	0.0	0.0	7.1
12	16.5	30.5	25.3	55.8	16.310	14.2	0.0	0.0	0.0	8.9
13	17.0	25.4	21.8	81.2	20.972	18.3	0.0	0.0	0.0	4.6
14	16.5	27.0	22.5	72.8	19.329	17.0	0.0	0.0	0.0	7.3
15	16.0	28.0	23.0	75.1	20.533	17.9	0.0	0.0	0.0	5.3
16	17.0	28.2	23.2	73.1	20.258	17.7	0.0	0.0	0.0	7.8
17	16.5	28.5	23.3	76.1	21.264	18.5	0.0	0.0	0.0	7.8
18	18.3	28.3	22.8	82.6	22.545	19.4	0.0	0.0	0.0	2.9
19	18.5	28.5	23.0	82.1	22.370	19.6	0.0	0.0	0.0	4.5
20	18.2	27.3	23.1	78.4	21.517	18.7	0.0	0.0	0.0	2.5
21	18.8	26.0	22.8	77.7	21.113	18.3	0.0	0.0	0.0	1.4
22	17.5	26.2	21.6	85.3	22.120	19.1	2.7	0.0	2.7	3.5
23	18.0	26.0	22.8	80.8	21.955	19.0	0.0	1.0	1.0	1.0
24	18.5	24.6	21.5	86.1	22.013	19.0	0.8	39.3	40.1	0.2
25	17.3	24.3	21.3	83.3	20.866	18.2	0.0	0.7	0.7	0.0
26	17.5	24.0	20.2	89.5	21.197	18.4	1.0	0.0	1.0	2.0
27	17.5	27.0	22.4	75.6	20.146	17.6	0.0	37.2	37.2	6.8
28	17.2	24.0	21.5	85.7	21.602	18.7	0.7	1.4	2.1	1.7
29	17.6	25.5	20.7	81.8	19.893	17.4	7.9	19.0	26.9	2.7
30	17.5	24.0	21.0	85.3	20.721	18.1	0.0	1.1	1.1	1.2
PROM.	17.5	26.1	22.1	80.3	20.867	18.1	35.1	195.8	230.9	108.1

ESTACION: LA BELLA

MUNICIPIO: CALARCA

AÑO:

1.987

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	17.0	21.0	19.1	93.5	20.602	18.0	0.4	0.0	0.4	0.0
2	17.3	27.2	21.7	79.1	20.023	17.5	3.5	1.5	5.0	5.3
3	15.5	27.0	21.7	77.9	19.447	17.1	0.0	12.5	12.5	4.8
4	17.4	23.5	19.7	86.0	19.811	17.4	13.6	0.0	13.6	2.5
5	15.8	25.5	20.4	82.5	19.633	17.2	1.5	1.0	2.5	4.2
6	17.0	24.0	20.6	86.1	20.788	18.1	0.1	0.6	0.7	1.1
7	17.8	25.2	21.4	82.2	20.619	18.0	2.2	0.0	2.2	3.2
8	17.0	25.0	21.1	83.5	20.796	18.1	0.0	0.3	0.3	5.6
9	18.0	26.0	21.2	80.5	20.200	17.6	0.0	0.4	0.4	4.5
10	18.2	25.4	22.7	77.7	20.909	18.2	0.0	0.0	0.0	4.0
11	16.5	29.0	23.2	75.9	20.704	18.0	0.0	0.0	0.0	8.0
12	19.0	28.5	23.5	73.8	21.028	18.3	0.0	0.0	0.0	4.7
13	18.0	26.0	21.8	82.4	21.336	18.5	1.4	0.0	1.4	3.6
14	18.5	25.8	22.0	79.3	20.596	17.9	0.0	0.0	0.0	3.4
15	19.5	25.5	21.5	80.8	20.883	18.2	0.2	32.6	32.8	2.6
16	17.5	21.5	19.5	88.7	20.262	17.7	1.0	10.0	11.0	0.0
17	16.6	24.0	20.7	83.8	20.201	17.7	0.0	0.0	0.0	4.4
18	16.0	27.5	22.8	75.1	19.922	17.4	0.0	0.0	0.0	8.8
19	18.0	27.5	21.9	77.1	20.140	17.6	3.1	0.0	3.1	7.1
20	17.8	25.3	20.0	83.8	19.959	17.5	14.8	2.5	17.3	2.1
21	17.0	25.2	20.5	84.8	20.142	17.6	0.3	0.2	0.5	1.9
22	17.5	24.5	20.5	84.0	20.191	17.6	1.3	19.2	20.5	1.6
23	16.6	25.5	20.1	84.0	19.778	17.3	23.4	8.4	31.8	3.0
24	16.5	26.0	21.8	81.2	20.433	17.8	0.0	0.0	0.0	6.2
25	16.5	26.0	22.4	79.4	20.858	18.1	55.9	1.9	57.8	4.5
26	17.8	24.5	20.0	87.7	20.917	18.2	0.0	0.0	0.0	1.5
27	16.8	25.8	21.8	79.3	20.339	17.8	0.0	0.0	0.0	5.1
28	16.0	27.4	23.0	75.2	20.209	17.7	0.0	0.0	0.0	9.0
29	16.8	27.6	22.8	77.5	21.132	18.4	0.0	0.0	0.0	8.7
30	16.7	28.2	23.3	76.2	21.150	18.4	0.0	0.0	0.0	9.2
31	18.0	27.5	23.6	76.7	21.683	18.8	0.0	0.0	0.0	6.1
PROM.	17.2	25.8	21.5	81.2	20.474	17.9	122.7	91.1	213.8	136.7

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	24.1	21.9	86.5	22.611	19.4	0.0	0.0	0.0	0.0
2	17.8	26.5	22.5	77.9	20.649	18.0	0.0	0.0	0.0	5.4
3	18.0	25.0	22.0	79.3	21.400	18.6	0.0	0.0	0.0	3.2
4	17.0	24.0	21.0	83.9	20.828	18.1	0.0	0.0	0.0	2.8
5	18.0	22.6	20.3	87.5	20.853	18.2	0.1	0.0	0.1	0.0
6	16.0	25.5	20.7	85.0	20.589	17.9	26.5	0.0	26.5	3.2
7	16.8	25.0	21.5	84.1	21.344	18.5	0.1	0.0	0.1	1.6
8	18.0	25.4	22.2	83.5	22.012	19.0	0.0	0.0	0.0	2.0
9	18.0	29.2	23.2	79.5	21.877	18.9	0.0	0.0	0.0	7.6
10	17.0	28.0	22.2	77.2	20.116	17.6	0.0	0.0	0.0	8.7
11	19.0	24.0	21.0	86.2	21.557	18.7	1.0	0.0	1.0	0.0
12	17.5	27.5	22.3	76.2	20.272	17.7	0.0	0.0	0.0	5.7
13	19.0	24.6	21.6	85.2	21.933	19.0	0.0	0.0	0.0	0.0
14	19.5	25.0	21.4	85.2	21.621	18.7	0.0	0.0	0.0	0.0
15	17.5	26.0	22.3	80.4	21.020	18.3	0.0	0.0	0.0	1.0
16	17.8	28.0	23.1	76.6	20.856	18.1	0.0	0.0	0.0	2.3
17	17.5	28.0	23.2	76.4	21.033	18.3	0.0	0.0	0.0	5.5
18	18.0	27.5	23.6	78.5	22.235	19.2	0.0	0.0	0.0	7.0
19	17.2	28.0	22.0	80.6	21.222	18.4	27.6	0.1	27.7	5.4
20	17.8	26.0	22.2	82.1	21.575	18.7	0.0	0.0	0.0	6.7
21	16.6	27.0	23.3	74.1	20.516	17.9	0.0	0.0	0.0	2.6
22	16.8	28.6	23.8	76.1	21.588	18.7	0.0	0.0	0.0	8.2
23	19.5	26.2	23.2	83.4	23.541	20.1	0.3	2.9	3.2	0.4
24	19.0	25.0	23.0	83.8	23.020	19.7	0.0	0.0	0.0	0.7
25	18.5	27.4	23.5	84.7	23.766	20.1	0.0	0.0	0.0	3.2
26	18.6	26.8	23.6	77.3	21.902	18.9	0.0	0.0	0.0	5.0
27	16.8	30.2	24.6	61.4	17.409	15.1	0.0	0.0	0.0	9.3
28	17.0	30.1	24.0	64.7	18.037	15.5	0.0	0.0	0.0	9.7
29	17.4	26.8	23.1	78.8	21.437	18.6	0.0	0.0	0.0	3.4
30	18.0	27.0	22.7	76.6	20.602	18.0	0.0	0.0	0.0	6.3
PROM.	17.7	26.5	22.5	79.8	21.247	18.4	55.6	3.0	58.6	126.4

ESTACION: LA BELLA

MUNICIPIO: CALARCA

AÑO: 1.987

ALTITUD: 1.450

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	18.0	27.6	22.6	77.4	20.775	18.1	0.0	0.0	0.0	4.0
2	16.8	27.8	23.2	77.1	20.910	18.2	0.0	0.7	0.7	5.8
3	18.6	26.0	21.8	85.7	22.417	19.3	0.0	0.0	0.0	3.5
4	18.7	27.0	21.3	85.2	21.854	18.9	3.0	0.2	3.2	3.0
5	17.6	26.4	21.8	80.1	20.404	17.8	0.0	0.0	0.0	3.1
6	16.5	28.2	23.0	74.3	19.853	17.4	0.0	0.0	0.0	5.9
7	17.6	26.4	21.4	77.8	19.891	17.4	0.0	0.0	0.0	5.3
8	16.8	26.6	23.0	74.1	19.918	17.4	0.0	0.0	0.0	3.2
9	18.6	28.0	23.1	79.9	22.135	19.1	0.0	0.0	0.0	4.1
10	19.0	27.0	21.9	82.2	21.352	18.5	0.0	0.0	0.0	3.0
11	18.0	26.5	22.3	83.1	22.242	15.2	0.0	0.0	0.0	3.4
12	17.8	28.0	23.3	75.9	21.320	18.5	0.0	0.0	0.0	8.3
13	17.6	28.2	23.4	73.2	20.116	17.6	0.0	0.0	0.0	6.1
14	17.8	27.0	23.2	78.9	21.869	18.9	0.0	0.0	0.0	4.8
15	19.0	26.0	22.4	81.7	21.881	19.0	0.0	0.0	0.0	2.7
16	17.5	27.6	23.1	75.5	20.535	17.9	0.0	0.0	0.0	6.2
17	19.0	24.6	19.9	91.3	21.809	18.9	3.5	1.8	5.3	0.5
18	17.6	24.0	20.9	83.2	20.209	17.6	1.2	0.0	1.2	1.6
19	17.0	27.5	22.5	78.8	21.081	18.3	0.0	0.0	0.0	7.1
20	17.0	27.5	22.8	75.9	20.444	17.9	0.0	0.0	0.0	7.7
21	16.6	27.4	22.6	75.3	19.653	17.2	0.0	0.0	0.0	6.2
22	18.5	26.4	22.3	77.2	20.316	17.7	0.0	0.0	0.0	3.3
23	15.6	26.0	22.5	77.3	20.064	17.6	0.0	0.1	0.1	3.3
24	18.5	24.5	21.6	87.8	22.529	19.4	0.0	6.9	6.9	0.8
25	18.0	26.0	21.5	83.9	21.431	18.6	0.9	5.5	6.4	3.5
26	18.6	23.0	21.2	91.6	22.802	15.6	0.0	0.0	0.0	0.0
27	16.8	25.0	21.4	80.1	20.093	17.6	0.6	9.3	9.9	1.2
28	18.0	26.3	22.0	80.8	20.765	18.1	0.0	0.0	0.0	3.1
29	18.6	25.0	20.8	84.6	20.785	18.1	0.1	27.6	27.7	1.4
30	18.0	25.2	21.0	85.5	21.195	18.4	0.0	22.2	22.2	2.6
31	17.8	24.3	20.6	85.5	20.432	17.8	0.1	19.8	19.9	1.6
PROM.	17.8	26.4	22.1	80.7	21.003	18.3	9.4	94.1	103.5	116.3

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	17.5	23.0	19.9	85.5	19.717	17.3	0.4	3.2	3.6	0.1
2	16.8	22.4	19.2	90.3	20.324	17.7	3.3	5.2	8.5	0.0
3	17.4	26.2	22.4	77.4	20.379	17.8	0.0	1.2	1.2	0.2
4	17.8	26.3	22.2	79.6	20.922	18.2	0.0	6.0	6.0	5.0
5	17.4	26.0	22.3	76.5	19.794	17.3	0.0	3.9	3.9	5.9
6	17.8	24.0	21.6	76.1	19.275	16.9	0.2	0.0	0.2	1.0
7	18.0	26.2	23.1	74.3	20.320	17.6	0.0	0.0	0.0	5.7
8	18.6	25.5	21.9	78.9	20.434	17.9	0.0	0.0	0.0	2.7
9	17.8	27.2	22.2	77.3	20.184	17.6	0.0	14.8	14.8	7.3
10	17.0	25.5	22.0	80.3	20.561	17.9	0.9	0.0	0.9	1.7
11	18.0	25.0	20.8	82.9	20.209	17.7	0.0	4.9	4.9	4.5
12	18.2	24.0	20.4	84.6	20.196	17.7	0.1	1.2	1.3	1.5
13	16.8	26.0	21.6	79.7	15.966	17.5	0.0	0.0	0.0	3.5
14	15.8	28.3	23.0	65.5	16.844	14.5	0.0	0.0	0.0	8.9
15	18.0	28.8	24.2	63.2	17.856	15.6	0.0	0.0	0.0	9.0
16	17.8	28.0	23.0	73.3	20.234	17.7	0.0	0.0	0.0	4.6
17	17.5	25.0	22.1	82.7	21.631	18.7	0.0	0.0	0.0	1.7
18	17.8	29.5	23.3	76.1	20.987	18.3	0.0	0.0	0.0	2.5
19	16.5	30.3	23.9	69.8	19.356	17.0	0.0	0.0	0.0	9.1
20	17.8	26.8	23.3	75.0	20.671	18.0	0.0	0.0	0.0	5.4
21	17.5	31.0	24.2	67.3	19.074	16.8	0.0	0.0	0.0	7.8
22	18.0	27.4	23.7	76.0	21.181	18.4	0.0	0.0	0.0	2.2
23	18.6	30.4	24.9	69.8	20.703	18.0	0.0	0.0	0.0	8.2
24	17.8	29.0	24.2	65.4	18.591	16.1	0.0	0.0	0.0	6.2
25	18.4	29.5	23.6	60.8	16.743	14.5	0.0	0.0	0.0	5.2
26	17.5	28.2	23.3	69.3	19.150	16.7	0.0	0.0	0.0	5.5
27	17.4	26.8	21.6	80.7	20.423	17.8	0.0	0.5	0.5	3.2
28	16.0	27.0	21.8	80.4	20.764	18.0	0.0	0.0	0.0	5.1
29	15.5	28.0	20.9	80.1	19.558	17.2	0.0	0.0	0.0	6.0
30	16.0	26.0	21.8	83.9	21.464	18.6	0.0	0.1	0.1	2.1
31	17.8	25.5	22.5	83.0	22.165	19.1	0.0	0.0	0.0	2.8
PROM.	17.4	26.9	22.4	76.3	19.990	17.4	4.9	41.0	45.9	134.6

ESTACION: LA BELLA
 ALTITUD: 1.450

MUNICIPIO: CALARCA AÑO: 1.987
 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	18.0	26.0	20.9	82.4	20.508	17.9	0.0	0.0	0.0	3.6
2	16.0	26.4	22.1	75.2	19.342	16.9	0.0	0.2	0.2	5.4
3	17.5	24.4	19.9	87.0	20.254	17.7	4.2	0.0	4.2	2.0
4	17.0	24.3	20.4	84.6	20.023	17.5	0.1	15.1	15.2	1.3
5	16.8	20.5	18.8	94.8	20.409	17.8	4.5	0.0	4.5	0.0
6	14.0	28.0	19.8	79.6	18.101	15.9	14.0	0.0	14.0	7.7
7	16.0	27.4	21.8	74.6	18.623	16.3	0.0	2.6	2.6	5.5
8	18.0	25.4	20.7	82.3	20.247	17.7	0.0	0.0	0.0	2.2
9	17.0	26.0	20.6	80.4	19.382	17.0	0.0	0.0	0.0	3.8
10	17.0	27.0	21.6	79.2	19.872	17.4	0.0	0.0	0.0	4.7
11	15.0	28.0	22.3	75.4	19.263	16.9	0.0	0.0	0.0	6.1
12	17.8	29.8	23.5	73.0	20.176	17.4	0.0	0.0	0.0	7.8
13	17.0	28.6	22.5	79.2	21.227	17.6	0.0	0.0	0.0	5.5
14	17.0	26.0	20.5	79.5	19.003	16.7	0.0	34.2	34.2	4.6
15	17.5	26.4	21.6	80.1	20.152	17.6	4.0	0.2	4.2	4.7
16	16.0	28.3	22.1	76.0	19.593	17.2	0.0	0.0	0.0	8.2
17	18.0	28.6	22.1	78.7	20.544	17.9	0.0	2.3	2.3	7.2
18	16.0	28.0	20.9	78.7	19.255	16.9	0.0	0.0	0.0	6.9
19	15.9	27.9	21.4	78.6	19.914	17.5	0.0	0.0	0.0	6.2
20	16.8	23.6	18.8	88.8	19.665	17.2	5.8	0.8	6.6	2.6
21	16.5	23.6	19.7	85.2	19.414	17.0	1.2	0.0	1.2	1.5
22	16.0	25.6	20.7	78.6	19.047	16.7	0.0	0.0	0.0	3.3
23	16.8	24.2	20.6	81.7	19.744	17.3	0.0	0.0	0.0	0.8
24	17.0	28.0	21.1	79.7	19.780	17.3	1.5	0.0	1.5	3.5
25	17.0	20.6	18.7	92.2	20.022	17.5	4.0	0.1	4.1	0.0
26	14.8	25.5	20.6	82.0	20.003	17.5	0.0	0.0	0.0	2.5
27	16.0	23.2	22.0	77.1	20.116	17.5	0.0	0.2	0.2	6.2
28	16.6	23.5	20.9	80.1	20.042	17.5	14.2	0.8	15.0	5.0
29	14.5	27.0	21.2	77.5	18.662	16.4	0.0	41.7	41.7	5.5
30	16.0	25.5	18.6	86.4	18.177	16.0	3.2	0.0	3.2	2.5
PROM.	16.5	26.2	20.9	81.0	19.685	17.2	56.7	98.2	154.9	126.8

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	27.0	21.5	72.7	17.911	15.7	0.0	0.0	0.0	5.2
2	17.0	26.2	20.4	83.6	20.198	17.7	18.0	0.8	18.8	1.1
3	15.5	25.5	19.7	85.3	19.549	17.1	2.3	0.0	2.3	3.1
4	16.8	28.0	22.1	79.0	20.526	17.9	0.0	7.8	7.8	6.1
5	17.3	26.5	20.1	85.5	20.027	17.5	3.8	0.0	3.8	2.8
6	17.8	27.0	21.3	81.1	20.186	17.6	0.5	0.0	0.5	4.8
7	18.0	24.9	20.6	85.5	20.715	18.1	0.4	0.0	0.4	0.9
8	16.0	24.0	19.2	86.2	19.413	17.0	0.0	23.5	23.5	1.3
9	15.8	23.2	19.2	83.3	18.247	16.0	0.4	0.0	0.4	0.5
10	15.4	25.5	20.7	80.1	19.500	17.1	0.0	0.0	0.0	4.0
11	16.0	25.0	19.9	87.7	20.386	17.8	2.0	0.0	2.0	2.2
12	15.0	26.2	19.4	84.8	19.298	16.9	1.0	0.0	1.0	1.4
13	16.1	27.0	20.5	80.6	19.681	17.2	0.0	0.0	0.0	4.7
14	16.5	26.5	21.5	78.5	19.678	17.3	0.0	4.4	4.4	4.0
15	17.0	25.5	21.1	79.4	19.578	17.2	0.0	25.1	25.1	2.4
16	16.5	26.0	19.8	82.5	19.179	16.8	12.5	32.9	45.4	2.7
17	16.8	22.0	18.5	88.3	18.942	16.6	5.3	0.1	5.4	0.0
18	15.8	24.7	20.0	80.7	18.539	16.3	0.0	0.0	0.0	1.5
19	16.0	26.5	20.7	80.1	19.305	17.0	0.0	0.0	0.0	3.8
20	16.4	23.8	20.1	84.6	19.943	17.5	0.0	5.3	5.3	0.4
21	17.0	23.6	20.7	83.7	20.148	17.6	0.0	0.0	0.0	1.0
22	17.0	25.5	20.8	82.1	19.949	17.4	0.0	1.5	1.5	2.4
23	16.0	26.6	20.5	84.3	20.420	17.8	0.8	0.0	0.8	2.2
24	16.1	24.4	19.2	87.7	19.761	17.3	24.3	0.0	24.3	2.3
25	15.4	24.2	20.1	85.3	19.619	17.2	0.0	0.0	0.0	1.2
26	17.0	24.2	20.3	85.4	20.076	17.5	2.4	5.8	8.2	0.0
27	18.0	23.0	19.5	91.2	21.113	18.4	2.0	74.6	76.6	0.9
28	17.0	22.0	18.6	92.3	19.798	17.3	3.7	0.4	4.1	0.2
29	16.5	25.6	19.7	82.9	18.744	16.4	14.2	29.6	43.8	1.4
30	16.8	24.6	20.3	83.0	19.502	17.1	0.0	0.0	0.0	1.7
31	16.0	26.4	20.1	85.5	20.106	17.6	18.4	1.9	20.3	3.7
PROM.	16.4	25.2	20.2	83.7	19.679	17.2	112.0	213.7	325.7	69.5

ESTACION: LA BELLA

MUNICIPIO: CALARCA

AÑO: 1.987

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	16.2	26.0	20.8	76.8	18.423	16.2	0.0	0.0	0.0	6.4
2	16.3	26.1	22.8	68.9	18.163	16.0	0.1	54.7	54.8	7.2
3	16.0	26.8	19.8	82.3	18.941	16.6	7.4	4.6	12.0	2.9
4	17.0	25.5	20.8	81.8	19.902	17.4	0.2	0.0	0.2	2.8
5	16.5	26.5	21.1	78.3	19.282	16.9	0.0	0.0	0.0	4.8
6	16.2	25.5	20.7	79.1	19.155	16.8	0.0	0.0	0.0	4.2
7	17.0	26.0	20.5	81.8	20.081	17.6	0.0	0.0	0.0	2.5
8	15.0	26.9	20.9	77.0	18.491	16.2	0.0	0.0	0.0	8.9
9	15.5	28.0	21.0	80.0	19.580	17.2	0.0	0.0	0.0	8.3
10	16.0	27.3	22.0	78.0	20.170	17.7	0.0	0.0	0.0	7.3
11	16.5	27.5	21.9	78.8	20.280	17.7	0.0	0.0	0.0	5.2
12	17.0	26.5	20.8	79.4	19.568	17.1	0.9	0.0	0.9	4.8
13	16.9	26.0	19.5	85.0	19.564	17.1	12.0	0.0	12.0	3.0
14	15.9	24.5	20.1	80.4	18.943	16.6	0.3	7.0	7.3	2.9
15	15.6	25.0	19.6	85.6	19.456	17.0	0.0	0.0	0.0	3.9
16	16.0	27.0	21.0	80.7	20.094	17.6	0.0	0.0	0.0	4.1
17	17.0	26.3	22.4	80.0	21.117	18.3	0.0	0.0	0.0	3.9
18	18.0	26.5	20.1	85.3	20.495	17.9	19.6	19.4	39.0	2.9
19	17.0	24.6	19.6	86.1	19.729	17.3	14.9	3.6	18.5	2.1
20	17.0	24.5	19.3	86.0	19.330	16.9	47.9	31.5	79.4	2.8
21	15.0	23.0	18.8	84.8	18.545	16.3	4.2	0.0	4.2	2.8
22	12.6	26.2	21.3	71.6	17.709	15.5	0.0	0.0	0.0	8.4
23	15.0	27.0	21.5	77.3	19.132	16.8	0.0	0.0	0.0	7.8
24	17.0	26.5	20.4	84.0	20.131	17.6	35.0	27.0	62.0	5.1
25	16.0	22.0	18.5	86.8	18.449	16.2	0.0	0.0	0.0	0.2
26	16.6	24.5	19.5	82.2	18.687	16.4	0.2	9.4	9.6	4.5
27	16.0	25.0	19.6	80.4	18.147	15.9	4.6	0.0	4.6	4.8
28	15.1	27.1	21.5	72.4	18.043	15.9	0.0	0.0	0.0	7.1
29	15.6	27.0	21.1	75.5	18.570	16.3	0.0	3.1	3.1	6.1
30	16.0	19.0	18.0	92.7	18.998	16.7	12.7	0.0	12.7	0.0
PROM.	16.1	25.7	20.5	80.6	19.239	16.9	160.0	160.3	320.3	137.1

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	12.9	25.0	21.0	74.5	17.475	15.4	0.0	59.0	59.0	4.9
2	16.1	23.4	20.5	75.8	17.679	15.5	0.0	10.0	10.0	2.1
3	16.0	23.0	20.5	79.6	18.616	16.4	0.0	0.9	0.9	1.7
4	16.0	25.0	19.9	80.9	18.594	16.3	15.0	3.9	18.9	3.8
5	16.0	25.5	20.3	83.6	19.725	17.3	8.8	1.7	10.5	5.0
6	14.0	24.2	20.9	80.0	18.950	16.6	22.0	0.0	22.0	3.3
7	15.0	25.0	21.7	74.9	18.485	16.3	0.2	0.0	0.2	0.5
8	16.0	26.0	21.4	77.6	19.325	16.9	1.0	0.0	1.0	5.1
9	15.5	26.0	22.5	71.2	18.673	16.4	0.0	0.0	0.0	6.5
10	16.0	25.0	22.3	69.2	17.652	15.5	0.0	0.0	0.0	2.4
11	16.5	26.5	21.4	77.4	19.297	16.9	0.0	0.0	0.0	5.3
12	17.0	27.1	21.4	81.0	20.150	17.6	0.0	0.0	0.0	5.4
13	17.6	26.1	21.8	84.3	21.637	18.7	0.2	0.0	0.2	3.0
14	17.5	26.9	22.5	76.7	20.415	17.8	0.0	0.0	0.0	5.1
15	16.0	27.9	22.3	75.2	19.408	17.0	0.0	0.0	0.0	5.1
16	16.0	28.2	22.3	74.9	19.213	16.9	0.0	0.0	0.0	6.2
17	15.6	29.5	21.6	70.5	17.791	15.6	0.0	0.0	0.0	7.9
18	14.8	28.8	21.6	71.5	17.720	15.6	0.0	0.0	0.0	8.2
19	17.1	27.9	22.3	78.0	20.388	17.8	0.0	0.0	0.0	7.8
20	17.3	27.0	22.9	77.0	20.669	18.0	0.0	0.0	0.0	3.0
21	16.0	30.9	23.6	64.3	17.086	15.0	0.0	0.0	0.0	8.4
22	15.0	29.8	22.3	73.1	18.824	16.5	0.0	0.0	0.0	7.8
23	16.0	29.4	22.6	73.3	19.447	17.0	0.0	0.0	0.0	8.7
24	15.4	29.3	22.0	72.8	18.486	16.3	0.0	0.0	0.0	7.4
25	15.6	29.0	22.8	72.5	19.384	17.0	0.0	0.0	0.0	6.9
26	15.8	27.4	22.0	79.5	20.841	18.1	0.0	0.0	0.0	5.6
27	16.0	29.0	22.6	73.1	19.966	17.5	0.0	0.0	0.0	5.8
28	17.4	27.0	23.0	80.0	22.156	19.1	0.0	8.6	8.6	2.8
29	17.0	26.7	22.0	82.4	21.429	18.6	0.2	22.4	22.6	2.3
30	17.3	28.0	22.5	83.1	22.163	19.1	0.0	1.3	1.3	7.6
31	17.6	28.8	22.3	79.3	20.907	18.1	0.0	0.0	0.0	6.1
PROM.	16.1	27.0	21.9	76.4	19.437	17.0	47.4	107.8	155.2	161.7

ESTACION: LA BELLA

MUNICIPIO: CALARCA

AÑO: 1.987

ALTITUD: 1.450

LATITUD: 4-31 N.

LONGITUD: 75-40 W.

MESES	TEMPERATURA °C					Humedad relativa o/o	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.6	26.8	22.0	14.8	30.0	79.9	20.475	17.8	91.8	12	168.9
FEBRERO	17.6	28.6	23.3	14.8	32.6	74.4	20.371	17.7	50.0	10	164.7
MARZO	16.9	26.9	22.2	14.5	29.8	78.2	20.395	17.8	171.1	16	132.6
ABRIL	17.5	26.1	22.1	16.0	30.5	80.3	20.867	18.1	230.9	15	108.1
MAYO	17.2	25.8	21.5	15.5	29.0	81.2	20.474	17.9	213.8	18	136.7
JUNIO	17.7	26.5	22.5	16.0	30.2	79.8	21.247	18.4	58.6	6	126.4
JULIO	17.8	26.4	22.1	15.6	28.2	80.7	21.003	18.3	103.5	11	116.3
AGOSTO	17.4	26.9	22.4	15.5	31.0	76.3	19.990	17.4	45.9	12	134.6
SEPTIEMBRE	16.5	26.2	20.9	14.0	29.8	81.0	19.685	17.2	154.9	16	126.8
OCTUBRE	16.4	25.2	20.2	13.5	26.0	83.7	19.679	17.2	325.7	23	69.9
NOVIEMBRE	16.1	25.7	20.5	12.6	28.0	80.6	19.239	16.9	320.3	15	137.1
DICIEMBRE	16.1	27.0	21.9	12.9	30.9	76.4	19.437	17.0	155.2	12	161.7
PROMEDIO	17.0	26.5	21.8	14.6	29.8	79.4	20.239	17.6			
TOTAL									1921.7	166	1563.8

ESTACION: PARAGUAYCITO
 ALTITUD: 1.250

MUNICIPIO: BUENAVISTA AÑO: 1.987
 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	16.0	28.0	22.0	79.4	20.371	17.7	0.4	0.0	0.4	5.9
2	15.0	29.6	21.9	73.2	18.272	16.0	0.0	0.0	0.0	9.3
3	16.0	29.5	22.7	69.9	18.094	15.5	0.0	0.0	0.0	8.8
4	16.4	29.5	21.6	81.2	20.556	17.9	1.0	0.0	1.0	7.0
5	16.2	28.0	22.5	74.3	19.273	16.9	0.0	0.0	0.0	6.0
6	16.7	28.0	22.5	72.6	18.791	16.5	0.0	3.4	3.4	5.6
7	18.4	24.6	21.1	88.0	21.985	19.0	15.0	0.7	15.7	0.3
8	18.5	29.0	23.0	75.4	20.509	17.9	0.3	0.0	0.3	6.0
9	18.0	29.3	22.8	75.7	20.389	17.8	0.0	1.0	1.0	5.9
10	17.3	29.0	23.3	72.7	19.853	17.4	0.0	0.0	0.0	6.1
11	18.0	27.0	21.7	80.7	20.520	17.9	0.9	0.0	0.9	1.2
12	16.5	29.0	22.9	74.6	19.897	17.4	0.0	0.0	0.0	9.4
13	15.4	30.5	22.4	72.1	18.456	16.2	0.0	0.0	0.0	9.3
14	16.4	29.3	22.4	72.1	18.604	16.4	0.0	0.0	0.0	9.0
15	15.0	30.0	22.4	69.9	17.551	15.4	0.0	0.0	0.0	7.7
16	16.8	30.5	22.7	73.1	19.338	16.9	0.0	0.0	0.0	7.9
17	17.0	32.0	24.5	67.2	19.197	16.9	0.0	0.0	0.0	10.0
18	16.2	31.5	23.4	71.7	19.420	17.0	0.0	0.0	0.0	10.0
19	18.7	24.5	20.1	89.2	21.277	18.5	8.1	0.0	8.1	0.0
20	16.5	29.5	21.8	73.6	18.369	16.1	0.0	0.0	0.0	7.5
21	16.3	26.0	21.3	80.3	19.836	17.3	2.5	0.5	3.0	1.4
22	17.4	27.0	19.8	83.5	19.379	17.0	55.7	0.1	55.8	3.2
23	16.5	28.1	22.0	78.9	20.320	17.7	0.0	0.0	0.0	6.0
24	17.4	29.5	22.4	72.7	18.890	16.6	0.0	0.0	0.0	8.9
25	16.8	28.0	22.0	71.9	18.083	15.9	0.0	0.0	0.0	8.1
26	16.7	30.5	22.0	79.4	20.412	17.8	8.8	2.8	11.6	8.4
27	17.0	29.5	23.0	73.5	19.644	17.1	0.0	0.0	0.0	5.8
28	18.4	31.0	23.8	72.1	20.418	17.8	0.0	0.0	0.0	9.3
29	17.7	31.5	23.9	71.5	20.016	17.5	0.0	0.0	0.0	8.6
30	16.0	29.5	22.5	73.3	18.876	16.6	0.0	0.0	0.0	7.0
31	18.8	28.0	23.0	77.5	21.551	18.7	0.8	0.2	1.0	3.4
PROM.	16.9	28.9	22.4	75.5	19.618	17.2	93.5	8.7	102.2	203.0

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	19.3	32.0	24.9	64.2	19.086	16.6	0.0	0.0	0.0	7.8
2	16.2	31.4	25.2	58.1	16.183	13.8	0.0	0.0	0.0	8.9
3	18.6	27.5	22.5	79.4	21.470	18.6	0.0	0.0	0.0	2.2
4	16.8	30.5	23.3	72.5	19.545	17.1	0.0	0.0	0.0	6.4
5	17.7	31.5	23.5	72.6	20.118	17.6	0.0	0.0	0.0	6.8
6	17.6	30.5	22.2	77.9	20.048	17.3	8.2	0.0	8.2	7.7
7	16.8	30.5	23.2	71.6	19.450	17.0	0.0	0.0	0.0	7.7
8	17.3	29.5	23.8	69.5	19.503	17.1	0.0	0.0	0.0	8.6
9	16.0	29.5	22.2	73.1	18.921	16.6	0.0	0.0	0.0	5.4
10	17.3	31.5	24.5	65.5	18.261	16.0	0.0	0.2	0.2	4.8
11	19.0	29.5	23.7	75.6	21.385	18.5	0.5	0.1	0.6	4.8
12	19.0	23.0	21.2	84.8	21.815	18.9	51.9	0.9	52.8	2.0
13	15.6	23.5	21.3	78.1	19.212	16.9	0.0	0.0	0.0	5.2
14	17.8	22.0	19.9	90.6	21.065	18.3	5.7	0.0	5.7	0.0
15	15.3	28.3	21.7	74.0	18.462	16.2	0.0	0.0	0.0	6.0
16	16.4	29.5	23.8	70.5	19.511	17.1	0.0	0.0	0.0	5.6
17	18.0	28.5	23.3	72.7	20.187	17.6	0.0	0.0	0.0	3.2
18	19.0	30.0	23.3	75.7	21.107	18.1	0.0	0.0	0.0	3.2
19	18.6	30.5	22.9	77.5	21.283	18.5	0.0	0.0	0.0	5.8
20	17.0	31.5	24.1	69.0	19.067	16.7	0.0	0.0	0.0	5.8
21	17.5	31.5	24.3	66.2	18.712	16.4	0.0	0.0	0.0	8.1
22	16.2	29.0	23.7	72.9	20.252	17.7	0.0	0.0	0.0	9.3
23	17.3	31.0	24.9	67.1	19.913	17.4	0.0	0.0	0.0	7.8
24	17.0	32.5	24.3	66.1	18.819	16.5	0.0	0.0	0.0	9.3
25	16.6	33.0	24.7	63.3	18.158	15.9	0.0	0.0	0.0	5.6
26	16.8	34.0	25.0	67.4	19.705	17.3	0.0	0.0	0.0	7.0
27	17.7	33.0	24.7	70.7	20.628	18.0	0.0	0.0	0.0	9.2
28	17.8	34.0	24.9	67.5	19.754	17.3	0.0	0.0	0.0	8.2
PROM	17.4	30.3	23.5	71.9	19.701	17.2	66.3	1.9	68.2	174.6

ESTACION: PARAGUAYCITO
 ALTITUD: 1.250

MUNICIPIO: BUENAVISTA AÑO: 1.987
 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	17.0	28.4							
2	18.4	30.2	24.3	72.5	21.147	18.4	0.0	0.0	0.0	3.3
3	16.6	31.4	24.1	67.5	18.883	16.6	0.0	0.0	0.0	6.8
4	17.4	23.6	20.9	87.8	21.354	18.5	0.0	21.8	21.8	7.8
5	17.0	30.0	23.6	70.8	19.510	17.1	27.9	0.0	27.9	0.2
6	16.8	28.8	23.0	71.2	19.041	16.7	0.0	11.3	11.3	7.8
7	17.6	28.6	23.4	73.4	20.223	17.6	0.0	0.0	1.1	7.7
8	17.8	27.4	22.4	75.9	19.688	17.2	0.0	43.5	43.5	5.0
9	18.0	26.0	20.9	83.1	20.592	18.0	1.7	0.0	1.7	5.4
10	16.6	29.4	23.3	72.3	19.465	18.0	1.9	0.0	1.9	0.7
11	17.5	28.9	22.1	74.7	19.414	17.0	0.0	0.4	0.4	9.4
12	17.8	30.5	22.9	73.3	19.901	17.4	1.0	0.0	1.0	3.7
13	18.0	27.0	20.3	84.2	20.231	17.7	0.0	0.0	0.0	0.3
14	15.0	29.5	21.9	77.6	19.500	17.0	32.2	0.2	32.4	0.0
15	17.8	28.8	23.0	75.0	20.242	17.7	0.0	0.0	0.0	0.2
16	18.7	26.5	21.5	81.3	20.758	18.1	0.0	0.0	0.0	3.3
17	16.4	29.6	22.7	73.0	19.075	16.6	0.0	0.0	0.0	1.9
18	16.8	30.0	24.0	69.2	19.592	17.1	0.0	0.0	0.0	4.5
19	18.0	29.2	24.3	70.3	20.435	17.7	0.0	0.0	0.0	6.5
20	16.8	31.6	24.5	66.5	18.903	16.6	0.0	0.0	0.0	5.5
21	18.4	28.2	24.4	75.2	22.206	19.2	0.0	0.0	0.0	7.9
22	17.5	31.2	24.0	75.1	21.719	18.7	0.0	0.0	0.0	2.2
23	18.6	26.4	22.5	80.9	21.719	18.8	0.0	0.0	0.0	6.6
24	17.8	30.5	24.6	68.0	19.543	17.0	0.0	0.0	0.0	0.0
25	17.6	31.6	23.5	73.4	20.643	18.0	0.0	0.0	0.0	8.2
26	17.2	30.0	22.8	75.2	20.499	17.9	0.0	0.0	0.0	8.1
27	18.6	28.2	24.0	71.6	20.547	17.9	0.0	0.0	0.0	5.4
28	19.0	29.0	24.2	71.6	20.960	18.2	0.0	0.0	0.0	4.0
29	18.0	31.2	24.7	69.2	20.240	17.6	0.0	0.0	0.0	5.1
30	19.6	30.4	22.0	80.5	21.325	18.5	0.0	1.5	1.5	7.0
31	17.8	28.0	22.8	78.9	21.605	18.7	64.1	0.8	64.9	3.9
PROM.	17.6	29.0	23.1	74.5	20.268	17.7	128.8	83.0	211.8	140.2

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
	1	18.8	28.3							
2	18.6	25.4	21.1	85.0	21.216	18.4	1.4	7.8	9.2	0.4
3	18.0	24.5	21.2	86.6	21.540	18.6	2.2	1.1	3.3	0.0
4	18.8	29.6	23.4	74.5	20.566	17.8	0.1	10.4	10.5	6.1
5	19.0	26.8	22.2	80.1	20.880	18.1	8.3	0.0	8.3	1.6
6	18.6	30.8	23.0	80.1	22.064	19.1	2.6	0.0	2.6	7.2
7	18.8	30.4	24.2	78.1	23.017	19.7	0.0	0.0	0.0	5.3
8	18.8	28.0	22.8	79.5	21.731	18.8	0.2	0.8	1.0	0.7
9	17.5	28.5	22.6	74.6	19.826	17.4	0.3	0.0	0.3	7.6
10	17.8	26.4	22.2	80.5	21.104	18.3	0.0	0.0	0.0	2.9
11	17.7	28.5	23.3	71.9	19.745	17.3	0.0	0.0	0.0	5.2
12	17.0	30.0	23.6	71.6	19.953	17.5	0.0	0.0	0.0	8.7
13	16.8	28.4	23.3	78.8	21.897	18.9	0.0	0.0	0.0	4.6
14	16.9	29.3	23.4	71.1	19.398	17.0	0.0	0.0	0.0	7.3
15	16.8	30.8	23.9	69.0	19.287	16.9	0.0	0.0	0.0	7.2
16	17.2	31.0	24.8	65.5	18.955	16.5	0.0	0.0	0.0	7.8
17	16.8	30.5	23.8	71.5	20.084	17.5	0.0	0.0	0.0	8.4
18	18.8	30.0	23.9	75.4	21.630	18.7	0.0	0.0	0.0	7.8
19	18.0	29.4	24.0	72.0	20.680	18.0	0.0	0.0	0.0	4.9
20	17.8	29.1	24.1	69.9	19.948	17.4	0.0	0.0	0.0	3.9
21	19.0	28.2	24.0	72.8	21.238	18.5	0.0	0.0	0.0	2.9
22	18.0	23.4	22.2	82.7	22.230	19.2	0.0	0.0	0.0	0.9
23	18.8	23.5	23.8	78.8	22.681	19.5	15.8	0.2	16.0	2.6
24	19.5	27.4	22.2	81.5	21.815	18.8	0.0	1.7	1.7	0.3
25	18.6	29.5	22.5	77.9	20.746	18.0	3.9	4.0	7.9	0.3
26	18.4	26.3	21.3	81.6	20.460	18.0	0.0	1.1	1.1	0.4
27	16.8	28.0	21.3	81.0	20.334	17.8	1.7	0.3	2.0	1.3
28	16.6	25.4	20.8	78.6	20.973	17.6	0.0	70.5	70.5	5.0
29	17.0	25.3	20.1	81.0	19.201	16.9	0.9	2.9	3.8	2.2
30	16.0	24.6	20.8	76.5	18.456	16.2	4.9	45.2	50.1	0.2
PROM.	17.9	28.1	22.7	77.0	20.721	18.0	43.2	158.2	201.4	113.2

ESTACION: PARAGUAYCITO

MUNICIPIO: BUENAVISTA AÑO: 1.987

ALTITUD: 1.250

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

M E S - M A Y O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	21.0	18.9	86.6	19.053	16.7	0.6	0.0	0.6	0.0
2	16.0	27.0	21.1	70.9	17.503	15.4	0.0	0.0	0.0	2.7
3	14.5	26.4	21.0	70.1	16.754	14.7	0.0	21.8	21.8	5.9
4	17.0	27.0	20.7	76.5	18.566	16.3	3.2	0.0	3.2	4.8
5	16.0	27.5	20.8	80.7	15.586	17.2	0.2	0.4	0.6	0.5
6	18.0	26.0	20.9	83.8	20.819	18.1	2.2	1.0	3.2	1.4
7	17.8	27.4	21.8	81.4	21.017	18.3	0.1	0.0	0.1	2.9
8	17.8	30.0	23.1	77.2	21.171	18.4	0.0	0.0	0.0	4.9
9	18.5	29.0	22.2	81.4	21.724	18.8	9.9	0.0	9.9	6.5
10	19.2	28.0	23.1	81.6	22.498	19.3	0.0	0.0	0.0	4.5
11	17.0	30.5	23.8	73.4	20.776	18.1	0.0	0.0	0.0	9.0
12	17.6	28.5	23.0	70.3	19.636	17.2	0.0	0.0	0.0	6.4
13	18.0	27.0	21.4	82.9	21.468	18.6	0.6	0.0	0.6	4.7
14	17.2	27.5	21.4	77.4	19.443	17.0	0.0	0.0	0.0	4.3
15	18.4	27.5	21.6	80.1	20.706	18.0	1.0	9.9	10.9	4.4
16	17.2	23.5	20.1	85.0	19.968	17.5	1.1	6.9	8.0	0.0
17	16.2	24.5	20.4	75.9	17.601	15.5	0.0	0.0	0.0	3.1
18	16.0	29.0	23.5	71.8	19.908	17.4	0.0	0.0	0.0	9.8
19	18.0	29.5	23.8	70.3	20.074	17.5	0.0	0.0	0.0	7.8
20	17.8	27.8	20.7	82.3	20.416	17.8	25.0	0.9	25.9	4.4
21	17.0	26.0	20.5	79.2	18.956	16.7	0.5	0.6	1.1	2.2
22	17.6	25.5	20.7	85.4	20.960	18.3	4.0	27.7	31.7	1.9
23	16.4	26.6	20.1	79.5	18.638	16.4	17.8	11.9	29.7	3.5
24	16.2	27.0	21.0	75.3	18.350	16.1	0.0	0.0	0.0	4.6
25	17.0	29.0	23.3	71.3	19.703	17.2	0.0	0.0	0.0	6.6
26	17.6	27.0	21.4	79.0	20.281	17.7	0.0	2.0	2.0	3.3
27	18.0	29.5	22.3	77.2	20.397	17.8	0.3	0.0	0.3	5.6
28	17.0	30.0	23.9	71.4	19.972	17.5	0.0	0.0	0.0	9.5
29	17.0	31.0	23.8	72.9	20.669	18.0	0.0	0.0	0.0	10.1
30	17.6	30.0	24.0	72.0	20.554	17.9	0.0	0.0	0.0	9.5
31	18.4	29.8	24.5	71.7	21.091	18.3	0.0	0.0	0.0	7.2
PROM.	17.3	27.6	21.9	77.2	19.944	17.4	66.5	83.1	149.6	151.8

M E S - J U N I O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.0	26.5	22.1	79.9	21.313	18.5	0.0	0.0	0.0	0.4
2	17.5	28.0	23.0	76.4	20.764	18.0	0.0	0.0	0.0	5.0
3	17.6	27.5	22.5	76.1	20.536	17.9	0.0	0.0	0.0	2.1
4	16.5	26.0	21.3	76.2	19.270	16.9	1.3	1.1	2.4	3.6
5	18.0	23.0	19.8	84.9	19.612	17.2	2.5	0.0	2.5	0.3
6	15.5	27.0	20.2	78.9	18.269	16.1	2.3	0.0	2.3	5.7
7	16.0	27.5	21.1	80.1	19.717	17.2	1.7	0.0	1.7	2.9
8	18.0	27.0	21.9	78.2	20.220	17.6	0.0	0.0	0.0	3.1
9	18.0	29.0	23.4	74.9	20.931	18.2	0.0	0.0	0.0	7.2
10	16.0	28.0	21.8	76.4	19.480	17.1	0.1	0.0	0.1	6.5
11	17.5	26.0	21.6	79.9	20.372	17.8	0.0	0.0	0.0	0.0
12	16.0	28.0	23.0	72.1	19.385	17.0	0.0	0.0	0.0	8.0
13	18.0	26.0	21.0	83.3	20.934	18.2	7.2	0.0	7.2	0.4
14	18.0	25.4	20.3	84.9	20.331	17.7	23.8	0.6	24.4	1.3
15	17.5	27.0	22.6	76.0	20.262	17.7	0.0	0.0	0.0	3.4
16	16.5	23.5	23.0	71.5	19.238	16.9	0.0	0.0	0.0	7.7
17	16.8	30.5	23.8	71.3	20.304	17.7	0.0	0.0	0.0	8.1
18	18.5	30.9	23.9	73.7	21.371	18.5	0.0	0.0	0.0	6.0
19	17.5	31.0	24.0	72.6	20.807	18.1	0.0	0.6	0.6	6.7
20	18.5	28.5	23.2	76.1	21.117	18.4	0.0	0.0	0.0	2.1
21	16.8	30.5	23.9	73.0	20.630	17.9	0.0	0.0	0.0	7.8
22	17.6	30.4	24.6	71.2	20.991	18.2	0.0	0.0	0.0	6.9
23	19.0	28.8	24.0	77.8	22.909	19.6	0.0	0.1	0.1	0.8
24	19.5	28.0	23.4	81.9	23.277	19.9	0.0	0.0	0.0	1.9
25	18.5	29.3	24.1	74.2	21.321	18.5	0.0	0.0	0.0	3.6
26	17.5	30.0	23.2	75.6	20.724	18.0	0.0	0.0	0.0	5.2
27	15.5	31.4	23.7	69.7	19.999	17.4	0.0	0.0	0.0	9.8
28	14.8	31.8	24.1	71.4	20.152	17.6	0.0	0.0	0.0	9.7
29	15.0	28.6	22.9	76.8	20.912	18.2	0.0	0.0	0.0	3.6
30	17.0	29.5	22.6	77.4	20.859	18.1	0.0	0.0	0.0	5.5
PROM.	17.3	28.3	22.7	76.4	20.534	17.9	38.9	2.4	41.3	135.3

ESTACION: PARAGUAYCITO

MUNICIPIO: BUENAVISTA AÑO: 1.987

ALTITUD: 1.250

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

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	30.0	22.9	79.2	21.525	18.6	0.0	0.0	0.0	3.8
2	16.6	30.5	24.0	74.4	21.034	18.3	0.0	0.0	0.0	7.1
3	17.0	27.5	22.2	85.2	22.591	19.4	0.4	0.3	0.7	3.2
4	16.9	28.0	20.9	85.8	21.633	18.7	4.1	0.0	4.1	5.3
5	16.5	28.4	22.8	80.8	21.731	18.8	0.0	0.0	0.0	5.5
6	15.5	30.5	23.1	74.7	20.288	17.7	0.0	0.0	0.0	6.6
7	16.0	30.2	21.4	81.0	20.517	17.9	0.0	0.0	0.0	5.9
8	15.0	29.0	22.3	74.2	19.745	17.3	0.0	0.0	0.0	1.5
9	17.5	30.5	22.9	79.2	21.556	18.7	0.0	0.0	0.0	3.6
10	18.5	29.8	23.5	77.8	21.867	18.9	1.3	0.0	1.3	4.2
11	16.5	28.6	22.8	80.3	22.050	19.0	0.0	0.0	0.0	3.1
12	16.4	30.5	24.2	71.8	21.122	18.4	0.0	0.0	0.0	8.2
13	16.0	30.4	23.7	74.9	21.452	18.6	0.0	0.0	0.0	7.6
14	16.1	29.0	24.1	72.0	20.646	18.0	0.0	0.0	0.0	3.7
15	18.5	28.0	22.3	77.0	21.222	18.4	0.0	0.0	0.0	2.8
16	16.5	30.0	24.0	73.2	20.677	18.0	0.0	0.0	0.0	7.1
17	16.0	26.5	21.4	83.7	21.594	18.7	1.6	0.2	1.8	0.7
18	17.0	26.0	21.0	84.6	20.689	18.0	0.1	0.0	0.1	2.0
19	15.0	31.5	23.1	78.1	21.316	18.4	0.0	0.0	0.0	8.0
20	15.0	30.0	22.7	75.4	19.969	17.5	0.0	0.0	0.0	5.8
21	15.2	30.2	22.7	75.9	19.950	17.4	0.0	0.0	0.0	5.7
22	17.5	28.5	22.0	78.2	20.419	17.8	0.0	0.0	0.0	3.5
23	14.5	28.9	21.9	78.1	19.917	17.4	0.0	0.2	0.2	4.1
24	18.0	26.5	21.5	86.1	22.161	19.1	1.7	9.5	11.2	0.9
25	17.5	28.0	22.5	78.9	20.908	18.3	3.2	3.8	7.0	4.2
26	18.0	24.0	20.9	87.5	21.471	18.6	1.4	0.0	1.4	0.0
27	16.8	26.0	21.1	81.9	20.293	17.7	0.0	0.0	0.0	2.4
28	17.5	28.0	21.8	76.9	19.550	17.1	0.0	0.0	0.0	3.9
29	18.0	28.1	20.8	82.7	20.401	17.8	0.2	2.4	2.6	3.1
30	17.4	27.0	21.1	84.3	20.902	18.2	1.6	17.2	18.8	2.6
31	16.8	25.2	21.1	84.4	20.781	18.1	0.2	33.2	33.4	1.7
PROM.	16.7	28.5	22.4	79.3	20.969	18.2	15.8	66.8	82.6	127.8

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	17.0	26.5	19.9	83.2	19.367	17.0	1.6	2.9	4.5	1.5
2	16.0	25.0	18.7	74.0	20.542	17.9	2.7	6.7	9.4	0.9
3	16.6	26.0	20.8	78.5	18.935	16.6	0.0	1.4	1.4	3.5
4	17.0	28.0	21.6	82.8	21.043	18.3	11.0	0.0	11.0	6.4
5	16.0	29.5	23.1	74.0	15.687	17.2	0.0	4.0	4.0	7.0
6	17.0	25.0	20.5	90.0	21.806	18.9	0.1	0.0	0.1	0.0
7	15.5	29.0	23.0	74.3	19.931	17.4	0.0	0.0	0.0	5.8
8	18.0	27.0	22.0	84.3	22.213	19.2	0.1	0.0	0.1	2.2
9	17.0	30.5	24.0	73.2	20.773	18.1	0.0	9.6	9.6	7.9
10	18.0	27.5	22.3	78.6	20.726	18.1	2.3	0.4	2.7	2.6
11	18.0	27.3	21.3	82.4	20.756	18.1	2.4	18.3	20.7	5.9
12	17.5	25.8	20.7	85.7	20.728	18.1	1.0	0.0	1.0	2.1
13	15.5	28.3	21.1	80.6	19.725	17.2	0.0	0.0	0.0	5.7
14	14.4	30.6	22.9	65.9	16.959	14.9	0.0	0.0	0.0	8.5
15	15.2	30.3	23.9	71.8	20.102	17.5	0.0	0.0	0.0	8.0
16	16.0	30.0	22.8	73.6	20.033	17.5	0.0	0.0	0.0	5.9
17	16.0	25.5	20.8	81.7	19.674	17.2	0.0	0.0	0.0	1.3
18	16.5	30.2	22.3	77.2	20.291	17.7	0.0	0.0	0.0	2.9
19	17.0	31.0	24.2	72.0	20.544	17.9	0.0	0.0	0.0	5.0
20	17.0	31.0	23.2	77.9	21.526	18.7	0.0	0.0	0.0	5.1
21	16.0	32.5	25.1	72.2	21.797	18.8	0.0	0.0	0.0	7.5
22	16.5	30.0	24.6	64.8	18.613	16.2	0.0	0.0	0.0	3.5
23	16.5	32.5	25.1	70.9	21.538	18.6	0.0	0.0	0.0	8.7
24	16.5	31.0	24.9	61.8	17.429	15.2	0.0	0.0	0.0	4.8
25	15.8	31.6	24.8	60.3	16.805	14.5	0.0	0.0	0.0	6.4
26	14.9	31.0	23.2	70.0	18.741	16.5	0.0	0.0	0.0	5.7
27	16.8	29.0	22.7	74.5	19.831	17.4	0.0	1.3	1.3	2.5
28	16.0	29.5	22.8	78.2	20.702	17.5	0.0	0.0	0.0	6.1
29	15.9	31.3	22.1	75.6	19.608	17.2	0.0	0.0	0.0	6.4
30	16.5	28.3	23.4	76.4	21.194	18.4	0.0	0.0	0.0	3.9
31	18.2	28.0	22.0	80.1	21.220	18.4	0.0	0.0	0.0	3.7
PROM.	16.4	29.0	22.0	76.3	20.092	17.5	21.2	44.6	65.8	150.9

ESTACION: PARAGUAYCITO
 ALTITUD: 1.250

MUNICIPIO: BUENAVISTA AÑO: 1.987
 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	17.0	28.0	21.1	81.4	20.235	17.7	0.0	0.0	0.0	3.6
2	15.0	30.0	23.6	75.2	21.088	18.3	0.0	0.2	0.2	6.8
3	16.8	28.0	20.8	86.1	21.013	18.2	11.0	0.0	11.0	2.6
4	16.0	26.5	21.3	83.8	21.327	18.5	0.3	17.7	18.0	1.8
5	16.5	22.5	19.6	89.8	20.479	17.9	5.1	0.0	5.1	0.0
6	13.4	29.0	20.1	78.0	17.918	15.8	13.1	4.1	17.2	7.8
7	16.0	29.5	22.1	78.4	20.389	17.8	0.0	0.0	0.0	4.3
8	16.5	28.0	20.4	86.8	21.186	18.4	5.0	0.8	5.8	2.1
9	16.7	27.5	22.1	76.0	19.602	17.2	0.0	0.0	0.0	4.5
10	16.0	28.0	22.0	80.9	20.797	18.1	0.0	0.0	0.0	5.1
11	15.8	30.0	22.7	75.9	19.875	17.3	0.0	0.0	0.0	7.4
12	17.0	31.4	23.6	75.6	21.458	18.6	0.0	0.0	0.0	7.4
13	16.5	31.8	24.1	70.7	19.993	17.5	0.0	16.7	16.7	5.9
14	16.0	23.0	22.3	81.4	21.148	18.3	4.7	0.4	5.1	5.3
15	16.4	30.0	22.4	81.1	21.454	18.6	0.0	0.0	0.0	8.1
16	15.5	30.4	22.1	79.9	20.901	18.2	0.0	0.0	0.0	8.2
17	16.8	31.0	23.9	76.6	21.949	19.0	0.0	0.0	0.0	8.2
18	15.5	30.0	21.9	79.2	20.336	17.7	0.0	0.0	0.0	6.6
19	15.0	30.5	22.1	80.8	21.075	18.3	3.3	0.1	3.4	1.9
20	16.5	27.0	20.0	85.8	20.469	17.9	15.0	0.4	15.4	3.4
21	16.0	27.5	20.9	82.0	20.042	17.5	0.0	0.0	0.0	4.9
22	17.0	29.0	21.3	82.4	20.674	18.0	10.0	1.2	11.2	0.5
23	16.4	26.5	21.3	89.2	22.430	19.3	0.2	0.0	0.2	4.7
24	17.0	28.0	21.2	81.7	20.493	17.9	11.3	0.5	11.8	0.0
25	17.2	24.0	20.2	90.0	21.476	18.6	3.0	0.2	3.2	2.8
26	16.0	27.4	21.4	80.8	20.101	17.5	0.0	0.0	0.0	7.7
27	16.4	30.4	23.6	78.8	22.208	19.1	0.0	0.0	0.0	4.9
28	18.0	30.0	21.6	81.9	21.426	18.6	14.3	0.1	14.4	5.0
29	15.5	28.0	22.7	78.4	20.822	18.1	0.0	52.5	52.5	3.1
30	16.8	26.4	20.1	83.1	19.162	16.7	7.5	0.0	7.5	
PROM.	16.3	28.5	21.3	81.1	20.718	18.0	103.8	94.9	198.7	142.2

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	13.8	23.8	22.0	78.1	19.889	17.4	0.0	0.0	0.0	6.1
2	17.7	28.5	21.3	84.3	21.765	18.9	23.3	0.5	23.8	2.0
3	15.0	29.0	21.3	82.2	20.515	17.9	1.3	0.1	1.4	6.0
4	16.8	23.0	22.1	81.6	21.427	18.6	0.0	11.9	11.9	5.6
5	16.5	29.0	22.4	79.8	21.322	18.5	0.0	0.0	0.0	3.3
6	18.0	23.3	23.2	79.2	22.050	19.0	0.0	0.0	0.0	3.8
7	19.0	27.6	22.3	83.5	22.421	19.3	0.0	0.0	0.0	1.1
8	16.8	26.8	20.6	90.3	22.092	19.1	0.4	52.3	52.7	2.8
9	17.0	26.0	20.8	86.4	20.922	18.2	0.5	0.0	0.5	1.0
10	16.5	28.3	22.2	76.8	19.901	17.4	0.0	0.0	0.0	4.0
11	16.8	27.5	21.2	89.5	22.578	19.4	0.4	0.0	0.4	1.3
12	17.0	28.5	22.1	81.2	21.181	18.3	0.0	0.0	0.0	3.0
13	17.1	29.3	22.9	77.4	21.824	18.9	0.0	2.4	2.4	6.6
14	13.0	23.0	21.3	85.7	22.433	19.3	0.0	0.2	0.2	3.2
15	18.1	29.0	22.8	80.6	22.083	19.1	0.0	7.2	7.2	4.0
16	17.8	30.2	22.5	83.0	22.068	19.0	0.4	30.3	30.7	3.9
17	18.0	24.5	20.2	92.1	21.898	18.9	4.1	11.1	15.2	0.0
18	17.0	26.3	21.3	88.0	22.362	19.3	0.0	0.0	0.0	0.0
19	16.8	29.5	22.0	82.1	21.366	18.5	2.1	0.0	2.1	5.7
20	13.0	26.3	22.1	80.8	21.252	18.4	0.0	2.1	2.1	0.0
21	17.8	26.0	21.6	83.1	21.499	18.7	1.0	0.0	1.0	0.3
22	17.0	27.5	21.4	82.2	20.649	18.0	0.0	0.0	0.0	2.1
23	16.0	29.8	21.5	80.5	20.310	17.7	1.2	0.0	1.2	4.2
24	16.2	28.2	20.9	84.8	20.987	18.3	0.2	0.0	0.2	3.7
25	16.4	27.0	21.6	81.4	20.661	18.0	0.1	2.9	3.0	2.4
26	17.0	27.5	22.4	81.1	21.547	18.6	0.0	30.6	30.6	1.2
27	18.6	26.0	21.0	88.4	23.036	19.8	1.2	54.9	56.1	1.7
28	18.0	22.2	19.6	93.7	21.602	18.7	11.6	1.1	12.7	0.0
29	17.0	23.5	21.1	83.6	20.706	18.0	1.7	1.9	3.6	2.6
30	17.4	26.5	21.3	82.5	20.554	17.9	0.0	3.5	3.5	1.0
31	16.5	28.2	20.7	83.5	20.309	17.7	1.3	8.2	9.5	5.2
PROM.	17.1	27.7	21.6	83.5	21.394	18.5	50.8	221.2	272.0	88.7

ESTACION: PARAGUAYCITO
 ALTITUD: 1.250

MUNICIPIO: BUENAVISTA AÑO: 1.987
 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	16.0	28.0	21.7	82.8	20.968	18.2	0.1	0.8	0.9	4.4
2	17.0	29.4	23.0	80.8	21.885	18.8	0.0	23.5	23.5	9.0
3	16.5	28.3	21.3	81.4	20.303	17.7	0.3	4.4	4.7	5.4
4	18.0	27.5	22.7	81.8	22.384	19.3	0.0	0.0	0.0	3.7
5	18.1	29.8	23.0	80.4	22.054	15.0	0.0	0.0	0.0	8.2
6	17.5	27.0	22.2	83.7	22.166	15.1	0.0	0.0	0.0	1.5
7	17.6	29.4	22.0	82.9	22.261	19.2	0.0	0.0	0.0	3.2
8	16.0	29.0	22.4	79.1	20.833	18.1	0.0	0.0	0.0	8.2
9	17.0	30.0	22.9	79.1	21.471	18.6	0.0	0.0	0.0	7.0
10	16.0	31.5	22.9	82.8	22.543	15.3	1.3	0.0	1.3	8.4
11	17.0	31.4	23.2	83.3	23.520	20.1	6.6	0.4	7.0	6.9
12	17.8	30.5	23.0	80.3	22.263	19.2	0.0	0.0	0.0	7.4
13	18.5	27.4	22.3	83.1	22.413	19.3	0.2	0.0	0.2	3.4
14	17.8	28.5	22.4	81.9	22.096	19.1	0.0	43.4	43.4	3.5
15	17.5	28.3	21.7	84.0	21.621	18.7	9.6	0.0	9.6	4.9
16	16.6	30.2	22.4	79.3	20.815	18.1	0.0	0.0	0.0	8.0
17	16.4	31.5	23.8	78.6	22.499	19.3	0.0	0.0	0.0	5.3
18	18.0	29.4	22.1	83.7	22.741	19.5	2.8	5.6	8.4	4.4
19	18.5	28.0	21.1	86.4	22.082	15.1	29.8	10.1	39.9	2.6
20	17.5	29.0	21.0	80.2	20.388	17.8	1.4	35.5	36.9	5.9
21	16.6	26.5	21.5	85.1	21.171	18.4	0.0	0.0	0.0	3.3
22	14.5	30.4	22.1	77.1	19.887	17.4	0.0	0.0	0.0	10.6
23	15.8	30.5	23.7	78.0	22.130	19.1	0.0	0.0	0.0	9.9
24	17.8	30.3	23.7	77.5	22.429	19.4	0.0	0.0	0.0	8.0
25	17.0	24.0	20.5	91.1	22.021	19.0	0.0	38.9	38.9	0.1
26	17.2	27.5	20.9	84.1	20.952	18.3	14.0	7.3	21.3	5.4
27	16.8	28.8	21.5	82.4	20.957	18.2	0.0	0.0	0.0	5.1
28	15.0	30.2	22.9	75.8	20.255	17.7	0.0	0.0	0.0	10.3
29	16.4	30.5	22.9	81.5	22.131	19.0	0.0	0.0	0.0	8.0
30	18.0	21.0	18.4	94.1	20.124	17.6	40.4	0.0	40.4	0.0
PROM.	17.0	28.3	22.2	82.1	21.645	18.7	106.5	169.9	276.4	172.2

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	28.5	21.9	78.1	19.690	17.2	0.0	31.0	31.0	6.6
2	16.0	27.0	21.0	82.6	20.445	17.9	0.0	2.8	2.8	2.5
3	18.0	24.6	20.4	87.1	20.910	18.2	0.1	0.0	0.1	2.0
4	17.0	29.5	22.1	75.6	20.115	17.5	0.0	3.7	3.7	6.2
5	17.6	29.7	22.2	81.3	21.369	18.5	0.1	0.0	0.1	5.9
6	16.6	28.5	22.3	80.3	21.194	18.4	0.0	1.0	1.0	5.8
7	18.0	27.5	22.3	83.2	22.189	19.1	0.0	0.0	0.0	2.4
8	16.7	29.5	22.8	79.6	21.486	18.6	0.0	0.0	0.0	6.4
9	16.0	28.2	22.0	81.7	21.262	18.5	0.0	0.0	0.0	6.2
10	16.8	27.5	21.2	86.1	21.578	18.7	0.0	0.0	0.0	1.7
11	18.0	29.4	22.5	82.6	22.290	19.2	0.1	0.0	0.1	6.8
12	17.0	28.5	22.9	78.7	21.473	18.6	0.0	0.0	0.0	5.7
13	18.3	27.6	22.9	82.5	22.692	19.6	0.0	0.0	0.0	3.5
14	18.0	29.5	23.3	78.6	21.983	19.0	0.0	0.0	0.0	7.6
15	17.0	31.2	24.7	78.0	23.410	19.9	0.0	0.0	0.0	9.1
16	16.5	31.0	23.0	76.6	20.760	18.1	0.0	0.0	0.0	7.7
17	15.0	30.3	23.1	75.6	20.452	17.8	0.0	0.0	0.0	0.4
18	15.5	31.4	23.0	75.9	20.505	17.9	0.0	0.0	0.0	10.2
19	17.0	31.0	23.2	71.7	19.645	17.2	0.0	0.0	0.0	6.8
20	17.5	28.7	23.0	78.8	22.192	19.1	0.0	0.0	0.0	4.4
21	16.0	31.0	23.2	73.7	19.902	17.4	0.0	0.0	0.0	8.6
22	15.0	31.5	23.3	74.0	20.348	17.7	0.0	0.0	0.0	10.4
23	16.0	31.4	23.8	73.3	20.533	17.9	0.0	0.0	0.0	10.0
24	15.5	32.7	23.3	76.4	21.038	18.3	0.0	0.0	0.0	10.2
25	15.2	32.2	23.5	70.8	19.180	16.8	0.0	0.0	0.0	9.2
26	16.0	30.1	23.0	79.7	21.855	18.8	0.0	0.0	0.0	6.0
27	15.8	31.5	23.6	75.2	20.879	18.2	0.0	0.0	0.0	3.0
28	18.6	28.4	24.0	76.0	22.740	19.5	0.0	0.0	0.0	4.2
29	18.5	29.8	23.9	77.8	22.448	19.3	0.0	0.0	0.0	4.3
30	18.0	31.1	23.5	75.8	21.279	18.5	0.0	0.2	0.2	8.7
31	18.5	31.4	23.0	78.1	22.244	19.2	0.0	0.5	0.5	7.8
PROM.	16.8	29.7	22.9	78.2	21.229	18.4	0.3	39.2	39.5	204.4

ESTACION: PARAGUAYCITO

MUNICIPIO BUENAVISTA

AÑO 1.987

ALTITUD: 1.250

LATITUD: 4-23 N.

LONGITUD 75-44 W.

MESES	TEMPERATURA °C					Humedad relativa 0/0	Tensión vapor mb.	Punto roció °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.9	28.9	22.4	15.0	32.0	75.5	19.618	17.2	102.2	12	203.0
FEBRERO	17.4	30.3	23.5	15.3	34.0	71.9	19.701	17.2	68.2	6	174.6
MARZO	17.6	29.0	23.1	15.0	31.6	74.5	20.268	17.7	211.8	13	140.2
ABRIL	17.9	28.1	22.7	16.0	31.0	77.0	20.721	18.0	201.4	17	113.2
MAYO	17.3	27.6	21.9	14.5	31.0	77.2	19.944	17.4	149.6	16	151.8
JUNIO	17.3	28.3	22.7	14.8	31.8	76.4	20.534	17.9	41.3	9	135.3
JULIO	16.7	28.5	22.4	14.5	31.5	79.3	20.969	18.2	82.6	12	127.8
AGOSTO	16.4	29.0	22.6	14.4	32.5	76.3	20.092	17.5	65.8	12	150.9
SEPTIEMBRE	16.3	28.5	21.8	13.4	31.8	81.1	20.718	18.0	198.7	17	142.2
OCTUBRE	17.1	27.7	21.6	13.8	30.2	83.5	21.394	18.5	272.0	23	88.7
NOVIEMBRE	17.0	28.8	22.2	14.5	31.5	82.1	21.645	18.7	276.4	14	172.2
DICIEMBRE	16.8	29.7	22.9	14.5	32.7	78.2	21.229	18.4	39.5	9	204.4
PROMEDIO	17.1	28.7	22.5	14.6	31.8	77.8	20.569	17.9			
TOTAL									1709.5	160	1804.3

ESTACION: EL JAZMIN
 ALTITUD: 1.600

MUNICIPIO: STA. ROSA DE C. AÑO: 1.987
 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	
2	14.0	27.8	21.9	64.8	15.977	13.9	0.0	0.0	0.0	10.0
3	15.5	27.5	20.3	69.5	16.256	14.2	0.0	0.0	0.0	7.1
4	17.0	25.5	20.8	76.6	18.926	16.6	0.0	0.0	0.0	4.9
5	16.0	25.0	19.6	82.5	19.071	16.8	0.0	0.0	0.0	2.3
6	15.0	26.8	20.9	78.3	19.446	17.0	0.0	0.0	0.0	5.5
7	16.8	24.7	19.7	84.9	19.636	17.2	8.3	9.9	18.2	0.9
8	16.0	24.5	20.2	81.2	19.211	16.8	0.0	0.0	0.0	3.8
9	15.5	27.9	21.4	72.9	18.629	16.3	0.0	1.4	1.4	8.4
10	16.5	27.9	21.3	75.4	18.938	16.7	0.0	0.4	0.4	5.4
11	16.2	23.9	19.3	81.0	18.532	16.3	8.2	0.0	8.2	0.7
12	16.6	25.8	20.6	75.2	17.955	15.8	0.0	0.0	0.0	5.5
13	17.5	28.3	22.2	75.1	19.862	17.2	0.0	2.7	2.7	8.1
14	16.6	27.9	22.4	68.8	17.880	15.7	0.0	0.0	0.0	7.2
15	17.0	27.3	22.0	71.8	18.328	16.1	0.0	0.0	0.0	6.7
16	16.4	26.6	21.4	78.4	19.426	17.0	0.0	0.0	0.0	4.6
17	14.6	28.3	22.9	69.6	18.254	16.0	0.0	0.0	0.0	8.7
18	15.6	28.3	21.4	74.4	18.548	16.3	0.0	0.0	0.0	7.0
19	15.6	18.6	16.4	95.6	17.925	15.8	18.9	0.0	18.9	0.0
20	13.0	25.5	17.8	77.4	15.766	13.8	0.0	0.0	0.0	7.6
21	14.5	22.3	18.8	81.5	17.521	15.3	0.0	0.0	0.0	0.9
22	15.0	23.0	17.6	89.7	18.559	16.2	4.8	6.6	11.4	2.0
23	16.0	25.0	19.9	78.1	17.683	15.6	0.0	0.0	0.0	2.8
24	15.0	26.5	21.3	68.8	16.796	14.7	0.0	0.0	0.0	9.4
25	16.5	25.0	20.9	73.5	17.713	15.5	0.0	0.0	0.0	0.0
26	16.5	26.3	20.8	74.7	18.495	16.2	0.2	2.2	2.4	4.2
27	15.0	27.5	20.6	71.6	16.867	14.8	0.0	19.6	19.6	6.5
28	15.0	27.9	21.3	72.8	17.939	15.7	0.0	0.0	0.0	8.7
29	15.5	27.5	21.6	72.0	17.939	15.8	0.0	0.0	0.0	7.2
30	14.5	26.0	21.0	75.1	18.070	15.8	0.0	0.0	0.0	5.6
31	17.0	25.0	20.8	79.8	19.284	16.9	0.0	0.1	0.1	1.1
PROM.	15.7	26.0	20.5	76.4	18.161	15.9	40.4	42.9	83.3	159.1

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	
2	15.5	27.5	20.9	70.3	16.913	14.8	0.0	0.0	0.0	8.9
3	17.0	24.0	21.5	78.8	19.885	17.4	0.1	0.0	0.1	2.1
4	16.0	27.6	23.0	68.9	18.527	16.3	0.0	0.0	0.0	7.8
5	18.0	26.5	21.9	77.7	20.113	17.6	0.0	30.6	30.6	1.0
6	16.5	26.0	21.7	71.3	17.905	15.8	0.0	11.8	11.8	6.1
7	16.5	26.0	19.4	75.0	17.119	15.1	37.7	4.9	42.6	6.3
8	16.5	24.4	20.8	77.0	18.264	16.1	0.4	0.0	0.4	6.6
9	14.5	26.3	20.3	72.9	16.986	14.9	0.0	0.0	0.0	4.6
10	14.0	28.6	22.2	74.2	19.083	16.7	0.0	0.0	0.0	8.0
11	16.6	26.0	20.7	77.3	18.604	16.4	0.0	0.0	0.0	1.5
12	17.0	24.0	16.9	89.7	17.567	15.4	2.0	3.6	5.6	2.3
13	14.0	23.0	18.6	89.4	18.882	16.4	0.0	0.0	0.0	1.6
14	15.5	21.5	17.5	86.6	17.100	15.0	1.2	0.0	1.2	1.2
15	12.4	25.6	20.1	77.8	17.929	15.5	0.0	15.8	15.8	6.0
16	16.2	25.0	19.5	81.5	18.648	16.4	0.0	0.4	0.4	0.2
17	13.5	23.5	21.4	80.2	20.342	17.8	0.0	3.2	3.2	0.1
18	17.0	27.6	22.3	73.8	19.058	16.7	0.0	0.0	0.0	4.7
19	16.5	25.5	21.7	73.4	18.620	16.3	0.0	0.0	0.0	4.1
20	18.0	23.5	22.4	72.1	19.230	16.9	0.0	0.0	0.0	6.5
21	13.0	26.5	22.0	76.1	19.732	17.3	0.0	0.0	0.0	6.0
22	17.0	28.0	21.9	72.7	18.695	16.4	0.0	0.0	0.0	8.2
23	16.5	23.0	19.9	75.3	17.136	14.9	0.0	0.0	0.0	9.0
24	17.0	29.0	22.7	69.9	18.719	16.4	0.0	0.0	0.0	7.4
25	17.0	23.0	22.0	74.8	19.478	17.0	0.0	0.0	0.0	6.5
26	17.0	31.0	21.6	66.7	16.984	14.9	0.0	0.0	0.0	8.7
27	18.0	30.0	22.9	71.8	19.626	17.2	0.0	0.0	0.0	6.9
28	17.0	30.0	22.3	73.5	15.572	17.1	0.0	0.0	0.0	7.4
PROM.	16.3	26.5	21.1	75.5	18.529	16.2	41.4	70.3	111.7	148.4

ESTACION: EL JAZMIN
 ALTITUD: 1.600

MUNICIPIO: STA. ROSA DE C. AÑO: 1.987
 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	18.5	28.0	23.2	71.2	19.702	17.3	0.0	0.0	0.0	7.2
2	18.0	26.0	21.2	71.0	18.339	16.0	7.1	0.0	7.1	2.1
3	16.0	28.5	22.3	75.3	19.723	17.2	0.2	0.0	0.2	7.0
4	17.5	23.0	18.6	89.6	19.205	16.8	2.9	0.0	2.9	
5	15.5	26.5	21.6	67.5	16.655	14.6	0.0	6.7	6.7	8.0
6	14.0	26.0	21.5	71.0	17.556	15.4	0.0	8.3	8.3	7.0
7	14.5	26.5	19.3	79.6	17.847	15.7	7.0	5.7	12.7	4.6
8	15.7	24.5	19.2	80.0	17.965	15.8	3.6	1.5	5.1	3.4
9	15.5	18.4	16.5	91.2	17.381	15.3	3.2	0.2	3.4	0.0
10	12.6	26.5	19.0	70.2	15.257	13.3	0.0	1.7	1.7	9.2
11	14.5	25.4	17.5	79.5	16.197	14.2	1.0	11.1	12.1	5.3
12	15.3	26.0	20.3	77.9	18.300	16.1	0.0	0.0	0.0	4.3
13	15.5	23.0	16.8	89.6	17.379	15.3	2.4	0.3	2.7	1.1
14	14.5	27.0	20.6	72.8	17.233	15.0	0.0	17.9	17.9	7.1
15	15.1	25.4	19.8	79.0	17.967	15.8	0.1	14.6	14.7	3.4
16	15.6	23.0	18.0	84.9	17.631	15.5	1.7	0.1	1.8	0.3
17	13.1	23.0	19.6	80.4	18.210	16.0	0.4	0.2	0.6	2.0
18	14.5	26.5	19.7	68.8	15.819	13.8	0.0	0.8	0.8	5.7
19	15.7	25.4	21.0	76.2	18.930	16.6	0.0	0.0	0.0	0.4
20	15.5	29.9	22.5	64.4	16.918	14.8	0.0	0.0	0.0	8.7
21	17.5	26.5	21.6	75.2	19.365	17.0	0.0	0.0	0.0	3.5
22	15.7	28.0	22.1	81.5	21.403	18.5	1.3	0.0	1.3	5.3
23	17.4	21.8	19.1	86.3	19.101	16.8	0.0	0.0	0.0	0.7
24	14.5	28.0	21.3	79.4	19.443	16.9	0.0	0.5	0.5	2.7
25	16.8	29.8	22.1	69.0	18.209	16.0	0.0	1.5	1.5	8.4
26	15.0	26.5	20.4	78.5	18.451	16.2	0.0	0.0	0.0	4.6
27	17.0	26.3	21.3	74.5	18.830	16.6	2.3	0.0	2.3	5.2
28	17.5	27.0	21.0	80.2	19.866	17.4	0.0	0.0	0.0	0.0
29	17.0	28.8	22.0	74.9	19.700	17.2	0.0	6.7	6.7	5.1
30	17.5	26.3	19.7	83.5	19.461	17.1	14.2	0.1	14.3	4.7
31	15.0	24.3	18.8	80.7	17.578	15.4	10.2	0.8	11.0	3.0
PROM.	15.7	25.9	20.2	77.5	18.246	16.0	58.3	78.7	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	15.5	25.6	19.7	83.0	19.327	16.9	10.4	0.0	10.4	2.2
2	16.1	21.5	17.4	93.4	18.635	16.4	6.8	0.8	7.6	0.3
3	14.6	19.6	17.1	89.6	17.458	15.3	0.0	0.0	0.0	0.0
4	14.5	25.0	18.5	80.2	16.928	14.9	0.2	3.0	3.2	3.3
5	16.0	25.0	20.6	81.5	19.498	17.1	0.0	0.0	0.0	3.1
6	15.5	28.0	21.1	72.8	18.019	15.8	0.0	0.0	0.0	9.3
7	16.5	29.0	21.9	73.5	19.273	16.9	0.0	0.0	0.0	5.9
8	16.4	24.0	19.3	79.5	18.057	15.9	0.0	12.2	12.2	0.5
9	14.5	25.0	21.0	77.1	18.896	16.6	0.4	0.1	0.5	6.9
10	15.5	25.0	20.1	75.2	17.854	15.7	0.0	0.0	0.0	2.2
11	15.5	26.5	21.7	69.2	17.139	15.1	0.0	1.9	1.9	6.1
12	16.5	28.2	22.3	78.0	20.137	17.5	0.0	14.2	14.2	7.1
13	16.3	25.5	20.0	83.9	19.527	17.1	0.0	0.0	0.0	3.8
14	15.1	26.5	20.1	71.7	17.005	14.9	0.0	0.0	0.0	5.5
15	15.5	26.5	20.4	70.1	16.978	14.9	0.3	0.1	0.4	4.2
16	16.5	27.5	21.8	71.8	18.500	16.2	0.0	0.0	0.0	6.6
17	15.7	26.6	22.6	72.2	19.509	16.9	0.0	0.0	0.0	5.3
18	16.7	26.8	23.2	64.7	17.034	15.0	0.0	0.0	0.0	5.4
19	17.0	29.3	21.5	72.1	18.311	16.1	0.0	4.9	4.9	3.3
20	16.8	25.3	20.9	83.6	20.308	17.7	5.7	32.0	37.7	2.2
21	16.5	24.8	20.5	81.8	19.818	17.3	0.0	0.0	0.0	1.6
22	16.5	24.0	21.1	76.8	18.988	16.6	0.0	0.0	0.0	0.1
23	16.3	24.0	20.8	83.3	20.286	17.7	1.3	0.0	1.3	0.4
24	16.5	21.5	18.4	89.7	18.855	16.6	10.6	99.1	109.7	1.2
25	15.0	23.5	18.5	90.1	19.309	16.9	2.5	2.6	5.1	1.8
26	15.0	24.5	19.5	85.4	19.281	16.9	5.8	0.0	5.8	
27	15.6	26.0	20.6	81.3	19.986	17.4	19.8	9.5	29.3	
28	14.6	22.0	18.6	87.9	18.766	16.5	0.4	6.8	7.2	
29	14.7	24.0	18.1	88.4	18.583	16.3	16.0	0.0	16.0	
30	15.4	20.5	17.8	90.3	18.123	15.9	5.7	4.0	9.7	
PROM	15.8	25.0	20.2	79.9	18.680	16.4	85.9	191.2	277.1	

ESTACION: EL JAZMIN
 ALTITUD: 1.600

MUNICIPIO: STA. ROSA DE CAYO: 1.987
 LATITUD: 4-55 N. LONGITUD: 75-38 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	20.0	17.6	91.6	18.376	16.1	0.8	0.0	0.8	
2	14.5	24.5	19.6	85.4	19.188	16.8	0.7	10.8	11.5	
3	13.6	24.0	20.5	82.1	19.359	17.0	0.0	39.1	39.1	0.5
4	15.0	22.0	17.9	90.5	18.743	16.4	10.6	2.0	12.6	3.5
5	13.4	22.2	17.8	88.5	17.968	15.7	4.4	0.0	4.4	3.6
6	15.0	22.0	18.0	89.4	18.633	16.3	0.1	0.3	0.4	2.6
7	15.5	25.4	20.5	85.1	20.102	17.5	0.0	0.0	0.0	2.6
8	15.3	25.0	19.6	89.7	20.438	17.9	0.5	0.0	0.5	3.8
9	17.0	25.3	20.1	83.6	19.516	17.1	0.0	17.0	17.0	5.8
10	16.4	24.6	21.0	83.3	20.395	17.8	0.8	0.0	0.8	2.8
11	15.3	29.8	22.6	70.4	18.637	16.4	0.0	0.0	0.0	8.4
12	16.6	25.3	20.3	87.1	20.653	18.0	6.2	0.0	6.2	3.7
13	17.3	26.0	21.8	76.8	19.464	17.1	0.3	1.1	1.4	5.3
14	16.3	27.3	21.3	78.9	19.741	17.3	0.1	14.5	14.6	4.2
15	16.3	25.0	19.9	83.5	19.440	17.1	0.2	11.9	12.1	3.6
16	15.4	20.3	17.9	93.4	19.055	16.8	9.6	46.5	56.1	0.2
17	15.0	26.0	20.5	81.8	19.229	16.8	0.0	1.6	1.6	3.8
18	16.0	26.6	21.0	79.7	19.561	17.1	0.0	0.0	0.0	8.8
19	15.5	25.5	19.9	85.5	20.021	17.5	19.5	0.3	19.8	4.9
20	16.0	24.0	19.3	88.3	20.099	17.6	38.0	0.0	38.0	0.5
21	15.3	22.5	18.7	90.2	19.451	17.0	0.4	6.2	6.6	1.5
22	16.0	22.5	18.0	89.0	18.656	16.4	3.8	34.7	38.5	1.1
23	15.0	23.5	18.1	87.1	18.302	16.1	14.1	8.2	22.3	1.8
24	14.5	24.3	19.8	83.8	19.231	16.8	0.0	0.0	0.0	3.8
25	15.3	25.8	20.2	85.1	20.309	17.7	0.0	3.7	3.7	5.7
26	15.0	24.1	18.8	73.2	16.474	14.4	66.5	13.9	80.4	3.3
27	14.1	25.0	19.8	82.1	18.558	16.2	0.5	0.0	0.5	5.5
28	14.5	26.8	22.8	73.3	19.443	16.9	0.0	0.0	0.0	8.7
29	16.3	27.5	22.5	74.7	20.018	17.5	0.0	0.0	0.0	5.0
30	15.0	27.4	21.7	74.8	18.913	16.5	0.0	0.0	0.0	6.7
31	16.0	26.7	21.6	76.2	19.323	16.9	0.1	1.4	1.5	6.4
PROM.	15.4	24.7	20.0	83.4	19.268	16.9	177.2	213.2	390.4	

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	24.0	20.5	86.6	20.597	18.0	0.0	0.0	0.0	1.0
2	14.4	26.3	18.7	83.3	17.810	15.6	0.0	0.0	0.0	4.8
3	16.5	24.5	20.8	80.4	19.707	17.2	0.0	7.9	7.9	3.2
4	15.6	24.1	19.1	83.3	18.723	16.4	0.0	10.6	10.6	2.7
5	16.3	22.5	18.5	90.1	19.358	17.0	2.6	0.0	2.6	0.3
6	15.0	25.0	20.3	82.0	19.197	16.7	0.0	0.0	0.0	4.4
7	15.6	24.8	19.9	88.6	20.833	18.0	6.0	0.0	6.0	2.4
8	15.6	24.3	19.8	86.8	20.040	17.5	0.3	0.0	0.3	3.7
9	15.6	28.3	21.5	76.0	19.107	16.8	0.0	0.4	0.4	8.4
10	16.3	27.0	22.1	76.0	19.939	17.4	0.0	0.2	0.2	3.2
11	15.5	23.5	19.2	84.8	19.336	17.0	0.0	0.0	0.0	0.0
12	14.5	26.3	21.0	69.7	17.054	14.9	17.1	0.0	17.1	8.2
13	17.5	22.3	20.0	88.4	20.578	17.9	5.0	0.0	5.0	0.0
14	16.0	22.3	19.8	87.7	20.115	17.6	1.0	0.2	1.2	0.8
15	16.3	23.1	20.0	83.7	19.217	16.9	0.0	0.3	0.3	1.7
16	16.1	27.3	19.0	83.8	18.717	16.5	0.0	0.0	0.0	5.0
17	15.6	27.5	21.9	73.2	19.061	16.7	0.0	0.0	0.0	6.8
18	17.1	28.3	21.8	71.1	18.285	16.1	0.2	0.0	0.2	4.8
19	16.7	28.0	22.5	76.7	20.231	17.7	0.0	0.0	0.0	6.5
20	17.6	23.8	19.6	86.5	19.604	17.2	9.6	0.0	9.6	0.3
21	15.5	28.5	22.6	71.2	18.875	16.6	0.0	0.0	0.0	7.2
22	16.5	27.5	23.2	75.5	20.866	18.1	0.0	1.4	1.4	6.7
23	18.0	25.4	18.4	85.6	18.918	16.6	6.8	3.0	9.8	0.3
24	15.5	24.5	21.3	79.0	19.251	16.9	0.2	0.0	0.2	2.6
25	16.5	26.0	22.0	71.0	18.182	16.0	0.0	0.0	0.0	5.6
26	17.0	26.5	21.2	70.0	17.439	15.3	0.0	0.0	0.0	4.1
27	17.0	23.0	19.9	81.6	18.830	16.5	4.4	0.0	4.4	5.5
28	15.5	27.0	19.1	74.8	16.993	14.9	0.0	0.0	0.0	7.3
29	16.5	28.0	21.8	76.6	19.654	17.1	0.0	0.0	0.0	4.3
30	15.5	28.0	21.8	75.0	19.241	16.9	0.0	17.1	17.1	5.6
PROM.	16.1	25.6	20.6	80.0	19.192	16.8	53.2	41.1	94.3	117.4

ESTACION: EL JAZMIN

MUNICIPIO: ROSA DE C. AÑO:

1.987

ALTITUD: 1.600

LATITUD: 4-55 N.

LONGITUD: 75-38 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	28.5	21.9	80.2	20.462	17.8	0.1	0.0	0.1	4.7
2	16.3	28.8	22.2	78.8	20.542	17.9	0.0	1.6	1.6	7.4
3	17.5	25.5	19.3	85.3	19.270	16.9	6.3	1.0	7.3	2.3
4	16.5	24.5	21.0	86.0	20.829	18.1	0.7	0.7	1.4	3.7
5	15.6	25.6	19.9	83.2	19.435	17.0	5.8	0.0	5.8	3.3
6	15.0	28.1	21.0	80.1	19.333	17.0	0.0	0.0	0.0	3.5
7	16.8	24.7	20.1	88.3	20.797	18.1	1.8	0.0	1.8	3.2
8	16.1	27.0	21.7	79.4	20.319	17.6	0.0	0.0	0.0	4.1
9	17.4	28.3	22.8	76.4	20.272	17.7	0.0	8.5	8.5	6.0
10	16.5	28.3	22.3	73.1	19.104	16.7	0.8	6.7	7.5	5.6
11	16.5	26.5	22.3	74.6	18.937	16.6	0.0	0.0	0.0	4.2
12	18.0	28.1	22.6	73.3	19.464	17.1	0.0	0.0	0.0	6.3
13	17.5	27.3	21.1	84.1	20.999	18.3	0.0	0.0	0.0	4.4
14	17.4	26.3	19.6	84.7	19.805	17.3	0.2	12.3	12.5	4.9
15	16.8	27.0	21.1	79.2	19.541	17.2	0.1	0.0	0.1	4.3
15	16.5	26.0	20.3	81.2	19.355	16.9	4.2	1.4	5.6	3.5
17	18.0	20.0	18.0	93.6	19.727	17.3	0.0	0.0	0.0	0.0
18	15.0	22.5	18.9	90.0	19.259	16.8	0.4	0.4	0.8	0.4
19	15.0	27.5	20.7	76.8	18.746	16.4	10.9	0.0	10.9	6.2
20	15.0	23.4	17.5	92.0	18.201	16.0	23.4	0.0	23.4	6.7
21	15.0	25.5	19.1	81.5	18.488	16.3	0.0	4.8	4.8	6.3
22	15.0	23.5	20.4	78.4	18.243	16.0	0.0	0.0	0.0	4.7
23	15.6	25.0	21.6	76.3	18.900	16.6	0.0	4.0	4.0	4.7
24	15.5	24.5	19.8	88.4	20.067	17.6	0.0	2.5	2.5	3.7
25	17.0	25.0	21.8	77.4	19.211	16.9	0.0	13.5	13.5	3.7
26	15.5	23.0	19.3	88.4	19.534	17.1	0.0	1.6	1.6	0.0
27	16.0	22.6	18.6	87.9	18.964	16.7	2.9	4.1	7.0	2.7
28	15.3	25.0	20.2	82.0	19.127	16.8	0.0	33.0	33.0	1.7
29	16.0	25.0	19.8	90.0	20.370	17.8	0.0	4.9	4.9	1.7
30	15.3	24.0	18.8	86.9	18.747	16.5	0.7	11.8	12.5	2.2
31	15.5	22.0	18.3	92.4	19.011	16.7	4.3	5.6	9.9	0.0
PROM.	16.1	25.5	20.4	82.9	19.518	17.1	62.6	118.4	181.0	116.1

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	14.8	23.0	19.4	80.0	17.428	15.3	0.3	0.0	0.3	0.5
2	14.5	21.3	18.8	86.7	18.691	16.4	3.3	13.0	16.3	0.4
3	15.0	23.9	19.2	83.7	18.402	16.2	0.0	0.1	0.1	3.0
4	15.9	24.1	19.0	81.2	17.795	15.7	4.3	5.3	9.6	4.1
5	15.7	22.3	18.5	90.3	19.092	16.7	0.0	0.9	0.9	5.3
6	14.8	24.2	19.4	83.2	18.820	16.5	0.5	0.0	0.5	2.2
7	15.2	28.1	22.5	66.6	17.911	15.7	0.0	37.5	37.5	6.6
8	16.5	26.9	20.9	75.6	18.582	16.3	0.1	3.0	3.1	3.9
9	16.0	26.0	21.3	82.1	20.424	17.6	0.0	0.0	0.0	6.6
10	15.8	23.7	18.5	83.6	17.747	15.6	1.3	7.0	8.3	1.8
11	15.0	24.3	19.5	79.5	17.894	15.8	0.0	7.2	7.2	1.5
12	15.0	26.0	20.8	77.9	18.353	16.1	0.0	0.0	0.0	1.0
13	16.4	23.8	19.3	83.4	18.708	16.5	0.0	0.0	0.0	4.1
14	15.4	25.5	21.0	81.0	20.028	16.5	0.0	0.0	0.0	9.7
15	14.9	24.1	19.2	87.2	19.124	16.7	0.0	0.0	0.0	6.2
16	15.9	26.8	20.4	80.5	19.244	16.8	0.0	0.0	0.0	0.0
17	15.9	26.2	21.6	73.5	18.774	16.5	0.0	0.0	0.0	2.7
18	15.3	26.5	20.4	80.7	19.470	17.0	0.0	0.0	0.0	1.7
19	16.7	27.2	22.5	72.2	19.209	16.8	0.0	0.0	0.0	3.1
20	16.7	29.1	22.6	72.3	19.727	17.3	0.0	0.0	0.0	8.8
21	15.7	25.9	21.4	78.5	19.936	17.4	0.0	0.0	0.0	4.2
22	16.5	28.3	22.3	73.2	19.619	17.2	0.0	1.4	1.4	6.7
23	15.5	27.0	21.6	78.3	20.044	17.4	0.0	0.0	0.0	8.7
24	16.0	26.8	20.3	77.3	18.574	16.3	0.0	0.0	0.0	6.7
25	15.7	25.2	21.0	79.0	19.138	16.8	0.0	0.0	0.0	3.5
26	16.4	26.5	20.7	80.6	19.953	17.4	0.0	0.0	0.0	5.7
27	16.0	23.0	20.2	81.9	19.118	16.8	0.0	0.0	0.0	4.6
28	16.2	25.5	20.8	77.3	18.673	16.4	0.0	13.2	13.2	3.1
29	16.4	26.0	20.2	77.9	18.796	16.5	3.1	0.0	3.1	5.9
30	16.0	25.0	20.4	81.9	19.550	17.1	0.0	1.2	1.2	3.0
31	15.8	25.2	20.8	86.3	21.162	18.4	0.0	9.4	9.4	3.7
PROM	15.7	25.4	20.5	79.8	19.032	16.7	12.9	99.2	112.1	134.0

ESTACION: EL JAZMIN

MUNICIPIO: STA. ROSA DE CAÑO:

1.987

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	16.0	24.3	19.4	88.1	19.868	17.4	2.5	0.0	2.5	3.4
2	15.9	26.2	20.7	75.5	18.065	15.9	0.0	0.5	0.5	6.9
3	16.5	23.6	18.6	85.0	18.407	16.2	34.4	4.6	39.0	0.3
4	15.9	22.2	19.0	87.7	18.827	16.6	11.0	15.0	26.0	1.9
5	14.9	20.8	18.3	90.1	18.892	16.6	0.9	0.0	0.9	0.0
6	13.0	25.3	20.5	75.5	17.644	15.4	0.0	1.2	1.2	5.7
7	15.2	27.0	21.8	78.8	19.944	17.4	0.0	0.0	0.0	4.6
8	16.7	24.0	19.9	90.0	19.696	17.3	1.1	0.0	1.1	2.2
9	16.0	25.1	19.1	83.7	18.824	16.5	0.0	0.0	0.0	1.1
10	16.2	24.6	19.2	81.7	18.213	16.1	2.5	0.0	2.5	3.1
11	14.0	26.0	20.2	78.1	18.482	16.2	1.5	0.0	1.5	9.3
12	16.0	28.0	20.0	83.2	19.667	17.3	0.0	0.0	0.0	6.6
13	15.5	26.5	20.6	86.2	20.944	18.2	2.0	99.8	101.8	3.8
14	15.7	23.9	19.4	85.7	19.157	16.8	0.9	0.0	0.9	1.4
15	16.5	24.0	18.8	85.7	18.763	16.5	7.8	0.0	7.8	3.3
16	14.9	28.2	21.3	74.5	18.756	16.4	0.0	1.9	1.9	8.9
17	15.0	28.1	21.4	71.1	18.166	15.9	0.0	0.0	0.0	7.0
18	17.0	28.0	21.8	75.0	19.197	16.9	0.0	0.2	0.2	6.1
19	16.5	25.0	20.7	81.6	19.645	17.2	0.0	30.3	30.3	6.5
20	16.0	23.0	19.1	82.4	18.037	15.9	0.5	4.4	4.9	2.3
21	14.8	21.7	18.7	87.1	18.496	16.2	1.4	0.0	1.4	2.5
22	15.5	24.5	20.7	80.6	19.298	16.9	0.0	29.8	29.8	2.7
23	15.0	24.3	18.3	91.0	19.902	17.2	2.8	0.0	2.8	2.9
24	14.8	24.8	18.5	83.9	18.341	16.1	9.3	28.0	37.3	3.1
25	15.5	19.0	17.1	92.5	17.988	15.8	0.0	0.0	0.0	0.0
26	13.5	26.2	19.3	80.7	17.765	15.5	0.0	0.0	0.0	3.6
27	15.9	27.4	19.8	77.8	18.220	16.0	0.0	0.0	0.0	8.6
28	17.0	24.5	19.6	80.0	18.384	16.1	0.9	2.3	3.2	1.6
29	14.0	26.5	20.2	75.8	18.074	15.9	2.9	14.1	17.0	6.4
30	14.6	25.5	18.8	85.1	18.849	16.5	0.7	0.0	0.7	0.8
PROM.	15.5	24.9	19.7	82.5	18.817	16.5	83.1	232.1	315.2	116.6

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	12.5	26.1	19.3	75.9	16.734	14.7	0.0	0.0	0.0	8.1
2	15.8	25.2	18.7	84.1	18.369	16.1	20.5	1.8	22.3	2.9
3	14.9	25.2	19.2	81.9	18.536	16.3	36.4	2.6	39.0	3.7
4	14.8	23.0	18.8	86.1	18.811	16.5	11.5	22.3	33.8	3.3
5	15.0	22.5	17.9	89.4	18.746	16.5	17.4	0.1	17.5	1.7
6	14.5	24.6	19.4	82.7	18.488	16.2	0.0	0.0	0.0	5.5
7	15.8	24.0	19.6	83.4	19.140	16.8	0.0	13.0	13.0	1.1
8	15.1	22.0	16.8	96.3	18.632	16.4	16.6	39.9	56.5	0.5
9	14.5	21.7	16.9	91.7	17.886	15.7	2.4	0.6	3.0	0.2
10	13.9	24.0	19.5	83.4	18.569	16.3	0.0	0.0	0.0	4.5
11	15.0	22.0	17.6	89.8	18.192	16.0	1.0	0.0	1.0	2.5
12	12.5	27.0	18.8	82.6	18.001	15.8	13.9	0.0	13.9	5.2
13	14.2	26.0	18.7	82.0	17.988	15.7	10.0	24.3	34.3	5.5
14	15.0	26.4	20.2	82.4	19.263	16.8	0.0	21.7	21.7	6.4
15	15.2	24.7	19.4	85.3	19.244	16.8	0.4	6.2	6.6	2.4
16	15.9	25.9	19.3	85.5	19.107	16.8	17.6	30.6	48.2	2.2
17	15.8	21.7	17.5	92.9	18.731	16.4	2.8	0.0	2.8	0.0
18	15.0	22.8	19.4	86.0	19.576	17.2	0.0	0.0	0.0	0.2
19	16.2	23.8	19.2	84.9	19.317	16.9	4.9	0.0	4.9	0.9
20	14.9	25.0	20.9	80.2	19.589	17.1	0.0	39.0	39.0	6.2
21	15.2	22.2	18.1	90.7	18.924	16.6	0.0	0.0	0.0	0.7
22	15.5	24.6	19.9	85.1	19.623	17.1	0.0	23.7	23.7	1.9
23	15.8	25.5	19.2	83.4	18.814	16.5	6.3	0.0	6.3	1.8
24	13.9	21.4	17.7	89.0	18.337	16.1	2.9	0.3	3.2	2.9
25	15.2	23.0	17.8	90.5	18.308	16.1	1.3	8.4	9.7	1.7
26	15.4	23.2	18.5	87.3	18.856	16.6	0.6	106.7	107.3	2.9
27	15.0	21.5	17.1	94.0	18.389	16.2	6.8	25.8	32.6	0.8
28	14.9	20.0	16.8	96.9	18.557	16.3	7.8	0.2	8.0	0.5
29	14.8	25.0	19.0	76.0	16.717	14.7	0.0	12.3	12.3	0.1
30	15.3	23.0	17.7	90.2	18.467	16.2	0.7	0.2	0.9	2.6
31	14.0	24.0	18.8	86.6	18.745	16.4	0.0	0.0	0.0	4.3
PROM.	14.9	23.8	18.6	86.3	18.602	16.3	181.8	379.7	561.5	83.2

ESTACION: EL JAZMIN
 ALTITUD: 1.600

MUNICIPIO: STA. ROSA DE AYO: 1.987
 LATITUD: 4-55 N. LONGITUD: 75-38 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	25.0	19.4	75.7	16.925	14.9	7.5	0.0	7.5	5.1
2	16.5	25.2	18.9	81.3	18.025	15.9	3.4	37.8	41.2	4.9
3	15.0	24.2	18.5	82.4	17.894	15.7	0.0	0.0	0.0	4.4
4	15.3	24.1	19.1	80.3	18.034	15.8	0.0	0.0	0.0	4.1
5	15.0	24.6	19.6	83.6	19.276	16.9	0.0	4.9	4.9	3.2
6	15.9	25.0	19.5	81.5	18.816	16.5	6.4	0.0	6.4	3.2
7	15.0	25.0	18.5	83.2	18.131	16.0	3.0	0.0	3.0	3.1
8	14.0	26.0	19.3	78.7	17.978	15.7	0.0	0.0	0.0	7.2
9	15.5	28.2	21.7	75.0	19.396	17.0	0.0	0.1	0.1	8.0
10	16.2	27.2	21.5	79.3	20.178	17.6	0.0	0.0	0.0	6.7
11	16.4	27.3	21.1	75.3	18.895	16.6	0.0	0.0	0.0	5.7
12	16.5	26.6	21.2	77.4	19.729	17.2	0.3	1.6	1.9	4.6
13	15.2	26.0	19.8	77.9	18.306	16.0	7.0	0.0	7.0	4.8
14	16.2	24.8	19.6	83.3	19.072	16.7	0.0	0.0	0.0	4.3
15	16.0	25.0	19.8	85.6	19.740	17.3	11.3	0.0	11.3	2.3
16	16.5	24.0	19.8	83.9	19.506	17.1	0.0	1.3	1.3	7.4
17	16.5	27.0	21.3	77.1	19.250	16.8	0.0	1.3	1.3	2.0
18	16.5	24.5	19.4	84.9	19.480	17.0	9.1	28.5	37.6	1.2
19	15.8	23.6	18.4	88.4	19.043	16.7	8.1	18.3	26.4	2.6
20	15.2	24.7	17.9	85.8	17.967	15.8	33.3	31.5	64.8	0.5
21	14.6	21.5	17.2	91.9	18.151	15.9	1.1	0.0	1.1	6.8
22	13.8	25.2	19.5	79.2	17.705	15.5	0.0	0.0	0.0	9.6
23	14.7	26.2	21.2	80.5	20.308	17.7	0.0	0.0	0.0	4.2
24	16.4	25.5	19.6	83.6	19.675	17.1	0.0	25.6	25.6	1.1
25	14.8	22.1	17.9	92.6	19.039	16.7	0.3	0.0	0.3	3.6
26	15.8	23.5	19.0	87.0	19.121	16.7	2.5	11.2	13.7	3.8
27	14.7	23.9	18.8	84.7	18.098	15.9	0.5	0.0	0.5	7.8
28	14.7	26.9	20.6	73.6	17.633	15.4	17.4	5.9	23.3	5.6
29	16.0	27.0	20.2	81.1	19.222	16.9	0.3	0.0	0.3	0.0
30	14.5	16.5	15.2	96.5	16.851	14.8	45.2	0.0	45.2	
PROM.	15.5	24.9	19.5	82.4	18.715	16.4	156.7	185.5	342.2	129.6

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.9	25.0	18.1	81.5	16.812	14.8	2.1	8.2	10.3	5.2
2	14.8	20.3	17.8	89.4	18.041	15.8	0.0	3.7	3.7	0.7
3	14.5	22.2	17.7	85.3	17.343	15.3	0.0	0.0	0.0	2.2
4	15.0	26.5	18.6	87.3	19.063	16.7	26.9	0.2	27.1	4.7
5	15.5	25.9	19.5	85.3	19.299	16.9	0.0	3.1	3.1	4.7
6	12.5	23.9	18.6	83.3	17.637	15.4	0.5	2.6	3.1	5.1
7	15.9	23.0	19.2	86.7	19.277	16.9	0.1	0.2	0.3	0.6
8	15.7	26.5	19.8	77.1	17.929	15.8	1.3	0.0	1.3	5.8
9	15.9	25.5	19.5	81.0	18.910	16.5	0.4	0.0	0.4	2.9
10	15.8	25.0	19.2	82.5	18.478	16.2	1.7	0.0	1.7	2.7
11	15.2	25.8	20.3	83.5	19.694	17.2	0.0	0.0	0.0	4.9
12	15.8	27.2	21.0	80.3	19.785	17.2	0.0	0.0	0.0	7.6
13	16.5	25.9	20.2	85.8	20.368	17.7	0.0	0.0	0.0	4.1
14	16.8	26.2	20.6	82.6	19.878	17.4	0.0	0.0	0.0	3.7
15	16.2	27.2	21.0	76.9	19.070	16.7	0.0	0.0	0.0	8.2
16	16.8	26.3	20.9	77.5	18.956	16.6	0.0	0.0	0.0	6.5
17	15.2	27.8	21.1	71.0	17.729	15.6	0.0	0.0	0.0	8.2
18	14.7	27.5	21.0	72.8	17.919	15.7	0.0	0.0	0.0	9.6
19	15.1	28.3	21.9	76.7	19.604	17.1	0.0	0.1	0.1	8.4
20	17.0	25.8	21.0	83.6	20.718	18.1	0.0	0.0	0.0	4.1
21	16.5	28.6	21.5	71.9	18.269	16.1	0.0	0.0	0.0	7.8
22	14.7	28.5	21.8	66.9	16.876	14.8	0.0	0.0	0.0	7.8
23	14.9	29.2	21.8	66.1	16.644	14.6	0.0	0.0	0.0	9.8
24	15.4	27.5	21.9	72.9	18.426	16.2	0.0	0.0	0.0	6.6
25	14.7	28.8	22.2	73.8	19.150	16.7	0.0	0.0	0.0	8.5
26	17.0	25.2	20.8	84.8	21.038	18.2	0.0	0.0	0.0	2.6
27	15.5	27.5	19.8	82.2	19.351	16.9	4.6	8.1	12.7	6.5
28	16.0	23.2	19.4	86.6	19.641	17.2	0.0	0.0	0.0	2.2
29	16.0	25.0	20.0	86.4	20.228	17.7	1.9	26.1	28.0	2.4
30	15.8	25.3	20.1	83.6	19.460	17.0	0.0	0.0	0.0	4.5
31	15.3	27.6	21.0	76.1	18.750	16.4	0.0	32.5	32.5	6.1
PROM	15.5	26.1	20.2	80.0	18.850	16.5	39.5	84.8	124.3	165.7

ESTACION: EL JAZMIN

MUNICIPIO: STA. ROSA DE' C.

AÑO: 1.987

ALTITUD: 1.600

LATITUD: 4-55 N.

LONGITUD 75-38 W.

MESES	TEMPERATURA °C					Humedad relativa %/g	Tensión vapor mb.	Punto rocio °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias Huvias	
	ENERO	15.7	26.0	20.5	13.0				28.3	76.4	
FEBRERO	16.3	26.5	21.1	12.4	31.0	75.5	18.529	16.2	111.7	10	148.4
MARZO	15.7	25.9	20.2	12.6	29.9	77.5	18.246	16.0	137.0	24	
ABRIL	15.8	25.0	20.2	14.5	29.3	79.9	18.680	16.4	277.1	18	
MAYO	15.4	24.7	20.0	13.4	29.8	83.4	19.268	16.9	390.4	24	
JUNIO	16.1	25.6	20.6	14.4	28.5	80.0	19.192	16.8	94.3	18	117.4
JULIO	16.1	25.5	20.4	15.0	28.8	82.9	19.518	17.1	181.0	24	116.1
AGOSTO	15.7	25.4	20.5	14.5	29.1	79.8	19.032	16.7	112.1	15	134.0
SEPTIEMBRE	15.5	24.9	19.7	13.0	28.2	82.5	18.817	16.5	315.2	23	116.6
OCTUBRE	14.9	23.8	18.6	12.5	27.0	86.3	18.602	16.3	561.5	25	83.2
NOVIEMBRE	15.5	24.9	19.5	13.8	28.2	82.4	18.715	16.4	342.2	22	129.6
DICEMBRE	15.5	26.1	20.2	12.5	29.2	80.0	18.850	16.5	124.3	13	165.7
PHOMEDIO	15.7	25.4	20.1	13.5	28.9	80.6	18.801	16.5			
TOTAL									2730.1	226	

ESTACION: EL CEDRAL

MUNICIPIO: PEREIRA

AÑO: 1.987

ALTITUD: 2.120

LATITUD: 4-47 N.

LONGITUD: 75-32 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	10.5	19.8	14.5	90.8	15.115	13.1	6.1	0.0	6.1	2.9
2	10.5	22.2	16.2	84.4	15.261	13.2	0.0	0.0	0.0	8.1
3	10.6	22.1	15.8	85.3	15.390	13.3	0.0	0.0	0.0	4.5
4	10.0	20.0	15.1	89.6	15.520	13.3	0.0	0.0	0.0	3.0
5	11.5	20.0	14.8	89.7	15.265	13.2	25.5	0.0	25.5	2.2
6	10.0	20.0	14.5	90.9	15.080	13.0	7.4	0.3	7.7	3.5
7	10.0	19.2	15.4	86.4	15.044	13.0	1.8	0.2	2.0	0.5
8	9.5	20.0	15.5	84.9	14.950	12.9	0.0	0.0	0.0	2.2
9	10.5	19.4	15.3	87.8	15.349	13.2	3.3	0.1	3.4	2.5
10	11.0	20.0	15.3	91.0	15.950	13.2	2.2	0.0	2.2	2.4
11	10.0	18.8	14.9	91.1	15.423	13.3	0.0	0.0	0.0	1.3
12	10.0	20.1	15.0	90.3	15.306	13.2	0.0	0.0	0.0	5.7
13	9.5	21.2	15.7	83.6	14.574	12.5	0.0	0.0	0.0	0.0
14	10.0	21.0	16.0	82.9	14.875	12.8	0.0	0.0	0.0	6.6
15	10.5	21.1	16.5	87.7	16.212	14.1	0.0	0.0	0.0	4.5
16	11.0	23.0	16.2	84.7	15.616	13.6	0.0	0.0	0.0	4.8
17	10.0	22.1	15.5	81.8	14.305	12.2	0.0	0.0	0.0	0.0
18	11.0	22.1	15.4	86.5	15.115	13.1	4.3	0.0	4.3	5.6
19	12.0	18.0	15.1	95.6	16.460	14.4	1.1	0.3	1.4	0.0
20	11.2	20.0	15.4	89.2	15.643	13.6	15.3	0.1	15.4	2.9
21	11.0	19.0	14.9	92.8	15.692	13.7	0.0	0.0	0.0	1.1
22	11.6	20.0	15.3	89.1	15.484	13.5	1.3	0.7	2.0	1.9
23	11.0	19.4	15.5	92.5	16.219	14.1	0.1	0.0	0.1	2.5
24	10.0	20.0	15.0	88.3	14.992	12.9	0.0	0.0	0.0	5.2
25	9.8	20.0	14.9	87.1	14.599	12.5	0.0	0.0	0.0	4.1
26	9.8	21.3	16.0	84.1	15.194	13.1	0.0	0.1	0.1	4.0
27	11.0	21.0	16.5	92.1	17.155	14.9	0.8	1.7	2.5	4.0
28	10.2	22.0	15.9	87.6	15.689	13.6	0.0	0.0	0.0	5.7
29	11.5	22.2	16.5	84.9	15.736	13.7	0.0	0.0	0.0	6.2
30	12.0	20.0	16.4	93.0	17.161	15.0	0.0	0.0	0.0	3.2
31	12.0	20.0	16.8	85.5	16.531	14.2	1.2	0.0	1.2	0.9
PROM.	10.6	20.5	15.5	88.1	15.513	13.4	70.4	3.5	73.9	114.4

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	12.5	18.5	16.2	91.1	16.677	14.6	0.0	0.0	0.0	7.6
2	11.1	23.1	16.7	74.1	13.862	11.8	0.0	0.1	0.1	7.7
3	13.0	20.1	16.2	89.3	16.681	14.6	0.0	0.0	0.0	1.1
4	10.1	21.3	16.2	82.2	15.009	12.9	0.0	0.0	0.0	4.4
5	11.0	21.6	16.3	85.7	15.742	13.7	3.4	0.0	3.4	3.0
6	11.0	21.1	16.1	81.0	14.956	12.9	0.6	0.0	0.6	3.6
7	10.2	21.9	15.2	90.3	15.597	13.6	14.8	45.7	60.5	4.1
8	10.0	21.0	15.4	85.6	14.839	12.8	0.8	0.0	0.8	2.9
9	11.0	21.1	15.6	85.0	14.832	12.8	0.0	0.0	0.0	2.3
10	11.9	23.0	16.2	89.3	16.451	14.3	4.8	0.0	4.8	4.3
11	12.1	19.0	14.9	94.5	16.342	14.3	3.6	0.0	3.6	0.1
12	11.1	19.6	13.5	97.9	15.276	13.3	6.2	0.0	6.2	1.6
13	11.9	19.0	14.9	93.5	15.732	13.7	1.4	0.0	1.4	0.1
14	12.1	17.3	13.9	97.0	15.339	13.3	29.5	0.0	29.5	0.0
15	10.1	22.2	15.9	87.2	15.467	13.4	0.7	0.0	0.7	5.0
16	13.0	21.3	16.8	89.5	16.959	14.9	0.0	0.0	0.0	2.6
17	12.1	20.0	16.6	91.3	17.052	14.9	0.0	0.0	0.0	0.4
18	12.2	22.1	17.2	84.2	16.613	14.4	0.0	0.0	0.0	2.3
19	12.6	21.1	16.8	86.7	16.577	14.4	0.7	0.0	0.7	3.0
20	12.0	22.0	17.3	89.7	17.483	15.2	0.0	0.0	0.0	3.5
21	11.8	22.3	17.1	84.0	15.926	13.8	0.0	0.0	0.0	4.7
22	12.5	24.0	17.3	81.7	15.774	13.8	0.0	0.0	0.0	5.5
23	13.1	23.3	17.8	77.5	15.445	13.4	0.0	0.0	0.0	6.2
24	13.0	24.0	17.6	66.6	12.713	10.4	0.0	0.0	0.0	4.1
25	12.6	24.0	17.4	75.3	14.534	12.5	0.0	0.0	0.0	3.5
26	12.2	24.3	18.1	79.0	15.986	14.0	0.0	0.0	0.0	6.2
27	12.2	24.4	17.1	80.7	15.945	13.8	0.0	0.0	0.0	6.4
28	12.0	25.1	17.9	73.6	14.359	12.3	0.0	0.0	0.0	4.3
PROM	11.8	21.7	16.4	85.1	15.649	13.6	66.5	45.8	112.3	100.5

ESTACION: EL CEDRAL

MUNICIPIO: PEREIRA

AÑO: 1.987

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	10.0	22.5	17.1	78.0	14.883	12.7	0.0	0.0	0.0	4.3
2	9.0	20.3	16.8	87.1	16.759	14.4	0.0	0.0	0.0	1.4
3	9.5	22.2	16.0	84.6	15.553	13.4	1.6	0.0	1.6	3.6
4	12.0	19.3	15.6	92.3	16.317	14.3	0.0	0.0	0.0	0.0
5	12.0	21.8	15.8	90.2	16.437	14.4	23.9	30.5	54.4	3.0
6	12.6	20.0	15.8	90.1	16.186	14.2	23.8	8.3	32.1	2.5
7	12.0	20.0	15.7	91.1	16.260	14.2	12.9	0.0	12.9	1.2
8	13.0	19.6	15.8	90.4	16.385	14.4	6.1	1.9	8.0	1.6
9	13.0	16.3	14.2	96.4	15.669	13.7	16.8	0.2	17.0	0.0
10	11.0	19.8	15.6	92.2	16.030	14.0	0.0	0.0	0.0	3.5
11	10.5	21.0	14.8	89.8	15.028	12.9	1.3	0.0	1.3	2.9
12	12.0	20.4	15.5	79.9	14.170	12.1	0.0	0.0	0.0	1.7
13	11.0	19.0	13.9	94.8	15.019	12.9	8.6	0.0	8.6	1.3
14	10.5	21.0	15.6	85.4	15.083	13.1	10.0	0.0	10.0	2.9
15	11.0	20.3	16.3	89.1	16.213	14.1	0.8	0.0	0.8	0.5
16	13.1	19.3	15.2	91.2	15.911	13.9	12.7	1.1	13.8	0.0
17	11.5	20.3	15.3	92.9	16.299	14.2	8.6	0.0	8.6	2.2
18	11.3	21.3	15.6	91.3	16.110	14.0	0.0	0.0	0.0	3.6
19	11.1	20.8	16.5	89.4	16.807	14.7	0.0	0.0	0.0	1.4
20	11.0	22.4	16.6	83.3	15.658	13.4	0.0	0.0	0.0	6.0
21	11.5	20.3	17.3	85.4	16.773	14.6	0.0	0.0	0.0	1.2
22	12.1	21.2	17.7	90.2	18.049	15.7	0.0	0.0	0.0	2.4
23	12.1	24.3	16.9	89.2	17.230	15.1	0.1	0.0	0.1	0.0
24	12.0	22.0	16.5	88.3	16.524	14.3	0.0	0.0	0.0	2.9
25	12.1	22.3	16.8	86.3	16.512	14.5	0.7	0.0	0.7	4.1
26	12.0	21.3	17.1	85.6	16.458	14.4	0.0	0.0	0.0	2.1
27	13.0	20.0	17.1	96.4	18.472	16.2	0.7	0.0	0.7	0.6
28	12.5	20.2	16.2	93.9	17.408	15.2	0.0	0.0	0.0	0.8
29	12.0	22.3	16.7	87.6	16.710	14.6	0.0	13.8	13.8	1.4
30	12.5	20.0	15.4	93.8	16.814	14.7	1.9	3.7	5.6	1.0
31	12.1	19.3	15.6	89.5	15.919	13.9	9.3	0.0	9.3	0.6
PROM.	11.6	20.7	16.0	89.2	16.247	14.1	139.8	59.5	199.3	60.7

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	12.1	19.3	15.6	97.7	17.512	15.3	8.0	9.2	17.2	0.9
2	12.0	17.0	14.1	96.0	15.430	13.4	2.2	0.0	2.2	0.0
3	12.5	19.0	15.9	89.6	16.092	14.0	7.6	1.7	9.3	0.0
4	12.5	21.0	15.1	91.5	15.836	13.8	2.8	2.5	5.3	1.8
5	11.5	20.0	16.5	88.7	16.345	14.3	13.1	0.0	13.1	1.1
6	11.5	20.8	15.1	87.1	15.457	13.4	0.4	0.0	0.4	2.3
7	12.0	24.3	17.6	75.5	14.327	11.9	9.8	0.0	9.8	4.8
8	11.5	20.3	16.5	91.8	17.400	15.2	1.0	0.3	1.3	0.3
9	12.5	20.0	15.8	91.5	16.523	14.5	1.3	0.0	1.3	2.2
10	11.5	20.0	15.2	92.1	15.947	13.9	0.1	0.0	0.1	1.8
11	12.5	21.3	16.8	89.4	17.219	15.1	0.0	0.0	0.0	4.6
12	12.0	22.3	17.0	82.7	15.979	13.9	0.0	0.0	0.0	7.5
13	12.5	20.0	15.4	91.0	16.237	14.2	0.2	0.0	0.2	0.7
14	10.5	21.7	15.2	91.6	15.851	13.8	2.2	0.0	2.2	3.6
15	11.5	22.0	16.9	87.6	16.582	14.5	0.0	0.0	0.0	2.6
16	12.1	22.3	15.9	91.5	16.425	14.3	0.0	0.0	0.0	3.3
17	11.0	22.1	16.2	89.2	16.443	14.3	0.3	0.0	0.3	3.5
18	14.0	23.0	17.5	85.5	16.986	14.9	0.0	0.8	0.8	3.2
19	14.5	24.0	18.3	74.3	15.328	13.3	0.0	0.0	0.0	1.9
20	12.0	21.0	17.2	90.3	17.819	15.7	0.0	0.0	0.0	1.0
21	12.5	20.5	16.5	87.8	16.545	14.5	10.4	0.0	10.4	0.2
22	11.0	21.8	15.8	92.5	16.738	14.6	4.7	0.0	4.7	0.8
23	11.0	20.9	16.3	92.9	17.156	15.0	0.4	2.9	3.3	0.7
24	13.0	18.3	15.7	95.1	17.029	15.0	0.1	0.8	0.9	0.0
25	13.5	18.4	15.9	95.1	17.239	15.2	14.7	6.4	21.1	0.0
26	11.0	20.3	14.3	97.3	15.879	13.9	19.1	0.0	19.1	2.0
27	11.0	20.2	15.6	92.1	16.455	14.4	2.5	7.6	10.1	3.5
28	11.5	19.3	15.4	92.2	16.145	14.1	11.0	3.1	14.1	0.5
29	11.4	19.2	15.7	92.2	16.512	14.5	9.5	0.0	9.5	0.7
30	12.6	18.0	14.9	94.2	15.886	13.9	9.6	9.0	18.6	0.8
PROM.	12.0	20.6	16.0	90.2	16.377	14.3	131.0	44.3	175.3	56.3

ESTACION: EL CEDRAL
 ALTITUD: 2.120

MUNICIPIO: PEFEIRA
 LATITUD: 4-47 N.

AÑO: 1.987
 LONGITUD: 75-32 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	17.7	15.2	92.0	16.089	14.1	0.0	0.0	0.0	0.0
2	12.4	20.2	16.2	94.0	17.309	15.2	2.1	4.6	6.7	2.0
3	12.0	19.0	14.9	90.5	15.505	13.5	0.0	9.2	9.2	2.4
4	12.9	20.2	15.9	89.9	16.408	14.4	22.7	0.1	22.8	0.5
5	11.9	20.0	15.3	87.2	15.222	13.2	4.9	1.7	6.6	2.2
6	11.2	19.0	14.9	91.7	15.667	13.6	2.7	0.2	2.9	1.0
7	12.9	22.5	15.9	85.6	15.882	13.8	11.5	0.0	11.5	2.0
8	12.5	19.8	16.4	88.0	16.626	14.6	0.7	0.0	0.7	0.5
9	12.9	20.1	16.5	88.8	16.775	14.6	2.2	5.3	7.5	2.3
10	13.2	20.5	16.6	90.9	17.197	15.1	6.2	0.0	6.2	1.4
11	12.2	25.0	18.4	80.2	16.819	14.7	0.0	0.0	0.0	7.6
12	12.5	23.4	17.6	86.0	17.506	15.2	0.0	0.0	0.0	3.1
13	12.7	20.6	16.2	86.7	16.055	14.0	1.7	0.0	1.7	1.8
14	13.2	20.8	16.5	87.8	16.628	14.6	2.2	0.0	2.2	1.2
15	13.6	20.4	16.1	92.2	17.030	14.9	3.1	34.0	37.1	1.0
16	14.2	18.9	16.4	87.7	16.517	14.5	0.7	35.3	36.0	0.0
17	13.8	20.2	16.1	86.4	15.988	14.0	7.6	0.0	7.6	2.7
18	13.2	23.5	17.8	83.4	17.056	14.9	0.0	0.0	0.0	8.4
19	12.4	22.3	17.6	77.0	15.045	12.9	0.0	0.0	0.0	4.6
20	12.1	21.6	15.7	89.2	15.917	13.9	12.5	0.0	12.5	1.3
21	13.1	18.5	15.6	93.5	16.571	14.5	6.1	0.0	6.1	0.0
22	12.1	18.5	15.1	89.6	15.518	13.5	9.3	32.2	41.5	0.2
23	13.4	17.8	15.6	88.8	15.871	13.9	2.5	43.9	46.4	0.0
24	13.1	20.1	15.1	88.4	15.400	13.3	6.3	0.0	6.3	1.1
25	11.7	21.1	16.3	86.4	16.216	14.0	5.2	0.0	5.2	2.3
26	12.5	22.0	15.9	90.3	16.409	14.3	0.4	20.3	20.7	3.8
27	13.6	22.6	16.2	87.1	16.296	14.2	31.7	0.0	31.7	2.1
28	12.2	22.0	16.9	85.2	16.329	14.2	0.0	0.0	0.0	4.9
29	12.1	21.5	16.4	89.1	16.679	14.5	0.0	0.0	0.0	4.2
30	11.6	22.2	16.4	85.8	16.213	14.1	0.0	0.0	0.0	7.5
31	12.4	21.6	17.1	87.6	17.116	14.9	0.0	0.0	0.0	4.2
PROM.	12.7	20.8	16.2	88.0	16.318	14.2	142.3	186.8	329.1	76.3

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	12.5	20.5	16.2	87.6	16.613	14.5	0.0	0.0	0.0	0.3
2	12.5	20.5	16.1	87.0	16.031	13.8	0.0	0.0	0.0	2.5
3	12.8	21.5	16.1	80.1	14.920	12.8	0.0	0.0	0.0	2.1
4	12.9	20.5	15.6	82.1	14.439	12.3	3.4	0.1	3.5	2.3
5	13.5	18.5	15.3	90.1	15.541	13.5	28.6	0.0	28.6	0.4
6	12.9	20.0	16.0	82.3	14.958	12.9	0.1	0.0	0.1	2.5
7	12.6	21.6	15.9	85.7	15.403	13.4	1.0	0.0	1.0	1.2
8	12.9	20.5	15.5	87.9	15.625	13.5	0.0	0.0	0.0	2.1
9	13.7	23.3	18.1	81.2	16.756	14.7	0.0	0.0	0.0	7.0
10	12.5	24.5	17.8	64.6	12.429	9.9	0.0	0.0	0.0	8.0
11	14.0	20.6	16.2	92.0	17.120	15.0	25.9	0.0	25.9	0.0
12	12.6	21.8	16.2	86.4	16.109	14.0	0.0	0.0	0.0	5.4
13	14.2	20.3	17.4	89.2	17.582	15.4	0.0	0.0	0.0	0.0
14	14.2	19.3	15.9	93.7	17.008	14.9	1.0	0.0	1.0	0.2
15	12.6	20.8	15.4	87.7	15.335	13.3	0.0	0.0	0.0	1.4
16	12.7	22.5	17.3	82.3	16.518	14.5	0.0	0.0	0.0	2.7
17	12.4	22.0	17.6	85.1	16.786	14.6	0.0	0.0	0.0	5.1
18	13.8	22.2	17.3	80.7	16.024	14.0	0.0	0.0	0.0	3.6
19	12.4	22.0	16.6	90.3	16.953	14.8	2.4	0.0	2.4	2.7
20	12.8	20.2	16.6	86.5	16.322	14.3	0.0	0.0	0.0	1.6
21	12.0	22.3	17.2	80.6	15.616	13.5	0.0	0.0	0.0	4.1
22	12.3	22.0	17.0	81.1	15.532	13.4	0.5	0.0	0.5	4.2
23	12.4	20.5	17.2	87.7	17.108	15.0	0.0	5.2	5.2	0.1
24	14.0	19.6	16.5	89.5	16.733	14.7	1.0	0.0	1.0	1.2
25	12.5	22.2	16.8	86.6	16.467	14.4	0.0	0.0	0.0	3.6
26	12.7	23.5	17.6	69.1	13.365	10.8	0.5	0.0	0.5	6.9
27	12.6	23.2	16.9	66.6	12.311	9.9	0.0	0.0	0.0	6.8
28	12.3	23.3	17.1	72.6	14.040	12.0	0.0	0.0	0.0	8.2
29	12.4	21.9	17.2	78.5	15.275	13.3	0.0	0.0	0.0	3.1
30	12.0	21.0	16.4	83.7	15.526	13.5	0.1	0.0	0.1	2.4
PROM.	12.9	21.4	16.6	83.3	15.682	13.6	64.5	5.3	69.8	91.7

ESTACION: EL CEDRAL

MUNICIPIO: PEREIRA

AÑO: 1.987

ALTITUD: 2.120

LATITUD: 4-47 N.

LONGITUD: 75-32 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.0	20.2	16.2	85.8	15.723	13.7	0.0	0.0	0.0	2.6
2	11.0	21.5	16.1	89.7	16.119	14.0	0.0	0.1	0.1	4.4
3	13.0	20.1	15.9	88.8	16.340	14.3	8.2	0.0	8.2	0.6
4	13.0	19.0	15.4	88.6	15.680	13.7	6.4	0.5	6.9	0.9
5	12.0	20.1	16.6	80.5	15.037	13.0	0.0	0.0	0.0	2.3
6	12.0	22.5	17.2	84.0	16.825	14.7	0.0	0.0	0.0	3.5
7	12.5	21.0	15.8	89.8	16.215	14.2	0.0	0.0	0.0	1.3
8	12.0	21.0	17.4	81.7	16.022	13.8	0.0	0.0	0.0	3.9
9	13.0	21.5	17.1	83.5	16.321	14.3	0.0	0.4	0.4	0.0
10	14.0	21.2	17.1	87.3	16.963	14.9	0.0	0.0	0.0	1.2
11	12.0	21.2	16.6	83.8	15.711	13.7	0.0	0.0	0.0	0.0
12	12.5	21.5	16.8	83.8	16.059	14.0	0.0	0.0	0.0	1.2
13	13.0	22.5	17.6	81.4	16.137	14.2	0.0	0.0	0.0	3.5
14	13.2	20.0	16.4	88.7	16.413	14.4	0.7	0.5	1.2	3.5
15	13.5	19.8	16.8	91.3	17.484	15.4	0.0	0.0	0.0	1.3
16	12.2	20.0	16.6	82.9	15.495	13.5	0.0	0.4	0.4	0.7
17	13.0	18.0	14.5	93.8	15.563	13.6	40.3	7.3	47.6	2.1
18	13.0	19.5	16.0	86.0	15.688	13.7	3.7	0.0	3.7	0.0
19	12.2	21.0	15.2	83.4	15.008	12.8	3.1	0.0	3.1	1.5
20	12.0	23.0	16.8	77.5	14.589	12.5	0.0	0.0	0.0	2.5
21	11.5	22.5	17.1	82.9	16.089	14.1	0.0	0.6	0.6	7.1
22	13.2	20.5	14.5	90.5	15.090	13.1	12.9	0.0	12.9	6.9
23	11.0	20.2	16.2	88.4	16.154	14.0	0.0	8.6	8.6	2.6
24	13.0	20.0	15.3	90.0	15.891	13.9	0.0	1.6	1.6	3.3
25	13.0	21.0	17.0	89.8	17.199	15.1	9.1	2.0	11.1	2.5
26	13.2	17.8	14.8	96.1	16.268	14.3	0.0	0.0	0.0	3.2
27	12.2	19.0	14.9	89.5	15.134	13.1	14.9	0.0	14.9	0.2
28	12.0	20.3	15.4	93.1	16.262	14.2	3.2	0.0	3.2	0.8
29	13.2	21.0	16.3	89.7	16.577	14.5	4.2	0.0	4.2	1.8
30	12.0	18.5	15.3	81.4	13.810	11.5	2.4	6.5	8.9	1.2
31	13.0	17.0	15.5	93.7	16.463	14.5	5.2	2.5	7.7	1.8
PROM.	12.5	20.4	16.1	87.0	15.946	13.9	119.2	51.9	171.1	68.4

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	12.0	18.0	14.6	88.0	14.749	12.7	4.9	0.4	5.3	0.1
2	12.0	17.0	14.5	91.7	15.274	13.3	10.0	4.4	14.4	0.0
3	13.0	18.5	15.4	92.4	16.360	14.3	0.0	0.0	0.0	2.1
4	10.5	20.0	14.9	88.8	14.947	12.9	1.8	0.6	2.4	3.5
5	12.2	19.8	15.5	80.0	14.078	12.0	0.0	0.0	0.0	2.3
6	12.8	21.5	17.1	77.4	14.858	12.8	1.4	0.0	1.4	1.0
7	12.2	20.5	16.4	81.8	15.280	13.2	0.0	0.0	0.0	3.2
8	14.0	19.0	15.7	91.6	16.591	14.5	1.2	0.0	1.2	0.5
9	13.0	20.5	16.4	83.2	15.363	13.4	0.0	1.9	1.9	4.2
10	12.5	20.0	16.8	79.8	14.903	12.9	2.8	0.3	3.1	0.2
11	13.5	20.2	15.5	85.8	15.063	13.1	4.0	2.5	6.5	2.4
12	12.8	18.8	15.2	87.7	15.147	13.1	8.3	1.3	9.6	0.9
13	13.0	21.0	15.8	81.1	14.768	12.8	0.0	0.0	0.0	4.8
14	12.0	23.2	17.0	70.4	13.161	11.0	0.0	0.0	0.0	8.4
15	12.5	23.5	17.2	76.1	14.609	12.6	0.0	0.0	0.0	6.6
16	12.5	21.2	16.9	82.6	16.322	14.2	0.0	0.0	0.0	1.9
17	12.0	19.5	15.0	79.8	13.763	11.7	2.7	0.0	2.7	0.6
18	12.0	22.0	16.5	68.3	12.513	10.1	0.0	0.0	0.0	4.0
19	12.0	22.5	16.8	69.8	12.969	10.7	0.0	0.0	0.0	7.1
20	12.6	20.5	16.5	81.8	14.983	13.0	2.4	0.0	2.4	3.8
21	12.0	22.5	16.5	75.9	14.265	12.3	0.0	0.0	0.0	4.7
22	12.5	23.0	17.3	70.4	13.584	11.5	0.0	0.0	0.0	5.0
23	13.0	23.9	17.5	71.8	14.235	12.2	0.0	0.0	0.0	6.8
24	12.0	22.8	18.5	56.2	11.413	8.8	0.0	0.0	0.0	5.7
25	13.0	22.8	17.5	66.5	13.129	11.0	0.0	0.0	0.0	5.3
26	13.0	23.3	17.6	65.3	12.477	9.8	0.0	0.0	0.0	4.8
27	13.2	20.1	16.3	83.8	15.618	13.6	0.0	0.0	0.0	1.3
28	12.5	20.2	15.5	82.3	14.432	12.4	0.3	0.0	0.3	2.8
29	12.5	22.0	16.3	80.5	14.653	12.6	0.2	0.0	0.2	3.2
30	13.5	20.0	16.4	85.0	15.912	13.9	3.6	0.0	3.6	0.6
31	13.0	19.2	16.4	85.2	15.986	14.0	1.8	0.0	1.8	1.8
PROM	12.6	20.9	16.3	79.4	14.561	12.5	45.4	11.4	56.8	99.6

ESTACION: EL CEDRAL
 ALTITUD: 2.120

MUNICIPIO: PEREIRA
 LATITUD: 4-47 N.

AÑO: 1-987
 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	13.5	19.1	16.5	83.3	15.499	13.5	0.0	0.0	0.0	1.1
2	12.5	20.5	16.1	88.6	16.042	14.0	2.3	0.0	2.3	3.4
3	13.5	18.8	16.1	83.7	15.349	13.3	7.9	0.0	7.9	0.1
4	13.8	19.2	15.6	90.1	16.030	14.1	3.8	8.5	12.3	1.0
5	13.8	17.3	15.2	91.3	15.816	13.9	15.9	0.0	15.9	3.3
6	11.5	20.8	15.6	83.7	14.719	12.7	14.3	1.0	15.3	0.5
7	13.2	23.5	17.6	71.4	14.134	12.0	0.0	0.0	0.0	3.6
8	14.0	21.7	17.7	85.7	17.489	15.3	0.2	0.4	0.6	1.4
9	13.0	21.0	16.8	85.5	16.148	14.2	0.2	0.1	0.3	1.0
10	12.5	21.0	16.2	80.7	14.936	12.9	0.0	0.0	0.0	3.3
11	12.0	21.3	16.9	76.6	14.338	12.2	0.0	0.0	0.0	3.9
12	13.5	22.2	17.3	73.3	14.199	12.1	0.0	0.0	0.0	3.9
13	12.9	22.0	16.8	83.3	15.663	13.6	1.4	2.0	3.4	1.7
14	14.0	19.0	15.9	86.0	15.650	13.7	4.9	0.8	5.7	1.2
15	12.8	20.5	15.7	82.4	14.802	12.8	0.0	0.0	0.0	4.4
16	12.0	23.4	17.0	59.1	10.736	7.7	0.0	1.2	1.2	4.9
17	13.5	21.8	17.2	76.8	15.026	13.0	0.0	0.0	0.0	4.9
18	13.5	22.3	16.9	76.2	14.699	12.6	0.0	0.0	0.0	5.3
19	12.5	21.5	15.7	79.5	14.245	12.2	43.0	0.0	43.0	3.6
20	12.5	19.3	15.4	90.9	16.127	14.0	10.6	12.6	23.2	0.0
21	12.8	19.5	15.3	83.4	14.565	12.6	2.3	0.0	2.3	2.5
22	12.0	20.0	16.5	79.9	14.951	12.9	0.0	0.0	0.0	2.7
23	12.5	20.2	15.8	87.1	15.595	13.6	5.8	0.0	5.8	1.2
24	12.8	20.0	16.5	81.3	15.134	13.2	1.6	0.1	1.7	3.0
25	14.0	17.2	14.9	91.5	15.851	13.8	28.3	0.0	28.3	0.0
26	12.8	21.1	16.0	77.8	14.222	12.2	2.8	0.0	2.8	1.2
27	12.2	22.1	16.9	77.6	14.772	12.7	0.6	0.0	0.6	3.3
28	13.0	21.4	16.4	77.8	14.479	12.5	0.0	6.2	6.2	3.3
29	11.8	20.8	16.3	82.6	15.251	13.2	0.9	9.0	9.9	3.5
30	13.5	18.8	15.0	85.7	14.516	12.5	5.9	0.0	5.9	0.9
PROM.	12.9	20.6	16.3	81.8	15.033	13.0	152.7	41.9	194.6	80.4

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	10.4	21.1	14.8	77.2	13.235	11.0	7.6	0.0	7.6	2.2
2	12.8	18.8	15.5	81.3	14.283	12.3	0.8	0.6	1.4	0.3
3	12.5	20.0	14.5	89.9	14.814	12.8	19.4	0.3	19.7	2.6
4	12.6	19.7	14.5	90.3	14.842	12.8	36.8	5.4	42.2	2.6
5	12.0	21.0	15.7	86.0	15.483	13.5	0.4	0.0	0.4	1.4
6	11.8	20.0	14.9	83.4	14.278	12.2	0.0	0.0	0.0	3.6
7	12.4	19.5	15.3	83.4	14.713	12.7	5.6	0.0	5.6	0.6
8	11.0	18.4	14.2	94.1	15.066	13.1	16.7	2.9	19.6	1.0
9	13.6	18.5	15.4	88.5	15.445	13.5	2.0	0.3	2.3	0.1
10	12.0	21.2	15.5	84.2	14.843	12.8	1.7	0.0	1.7	5.3
11	11.8	19.5	15.3	90.4	15.698	13.6	1.8	0.0	1.8	0.3
12	11.5	21.0	14.6	80.5	13.697	11.6	36.9	0.0	36.9	3.4
13	10.0	21.5	14.3	81.4	13.480	11.3	2.3	1.7	4.0	3.8
14	12.0	21.2	15.9	84.0	15.126	13.1	37.0	0.1	37.1	3.1
15	13.4	20.5	16.0	87.2	15.793	13.8	11.2	0.8	12.0	2.8
16	13.5	20.0	16.0	86.1	15.799	13.8	11.8	0.8	40.2	0.3
17	13.8	17.0	15.3	92.7	16.231	14.2	1.9	0.3	2.2	0.0
18	13.9	19.5	16.2	87.3	15.963	13.5	0.0	1.2	1.2	0.7
19	14.0	21.0	15.8	78.0	14.333	12.3	19.1	0.0	19.1	0.7
20	12.5	20.5	16.1	84.2	15.166	13.1	0.0	0.0	0.0	2.3
21	14.0	19.5	16.2	81.4	15.421	13.4	2.9	0.0	2.9	0.5
22	12.8	19.7	16.3	78.5	14.496	12.5	0.0	0.0	0.0	1.6
23	13.8	20.0	15.7	80.2	14.549	12.5	1.3	0.0	1.3	0.8
24	12.7	20.5	14.8	91.1	15.393	13.3	9.8	0.0	9.8	2.3
25	12.0	19.4	15.2	90.8	15.497	13.5	5.9	1.8	7.7	1.5
26	12.0	20.0	15.6	84.8	15.020	13.1	5.2	0.0	5.2	2.2
27	13.0	19.0	15.3	84.8	14.738	12.7	5.5	57.9	63.4	0.6
28	12.5	18.5	14.5	87.7	14.703	12.7	10.4	3.4	13.8	0.0
29	12.8	19.0	15.6	85.7	15.143	13.2	4.5	11.0	15.5	0.3
30	13.5	18.6	14.8	91.0	15.331	13.3	31.3	0.0	31.3	2.0
31	12.5	20.6	15.1	83.2	14.325	12.3	9.4	7.8	17.2	1.8
PROM.	12.6	19.8	15.3	85.5	14.932	12.9	299.2	123.9	423.1	50.8

ESTACION: EL CEDRAL
 ALTITUD: 2.120

MUNICIPIO: PEREIRA AÑO: 1.987
 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.				Dia	Noche	Total	
2	12.8	19.5	14.6	90.3	15.109	13.1	44.2	11.4	55.6	2.7
3	13.0	20.0	15.4	91.3	16.131	14.1	3.7	0.0	3.7	2.9
4	12.0	19.3	15.0	85.2	14.621	12.6	7.5	0.0	7.5	1.5
5	10.3	19.6	15.8	84.7	15.097	13.1	0.0	0.0	0.0	3.1
6	12.6	20.0	15.9	83.6	15.097	13.1	22.5	0.0	22.5	1.9
7	12.5	20.3	15.8	83.6	15.145	13.2	0.0	0.0	0.0	2.7
8	11.2	20.0	15.7	80.0	14.177	12.1	0.0	0.0	0.0	2.2
9	12.2	21.7	16.8	75.3	14.072	12.0	0.0	0.0	0.0	5.2
10	12.0	21.5	16.6	79.6	14.866	12.8	0.0	0.0	0.0	2.6
11	12.8	21.0	16.1	81.7	14.967	13.0	2.3	0.0	2.3	2.4
12	12.5	21.6	16.2	81.2	15.073	13.1	0.0	0.0	0.0	3.3
13	12.8	20.2	15.3	87.9	15.488	13.5	4.8	0.0	4.8	2.4
14	12.0	20.0	15.0	88.7	15.322	13.3	11.8	0.1	11.9	1.4
15	13.0	20.2	15.6	93.0	16.577	14.6	47.7	0.0	47.7	2.1
16	12.5	20.0	15.8	83.4	14.838	12.8	1.0	0.0	1.0	1.6
17	12.7	21.4	17.0	77.6	14.878	12.8	6.1	0.0	6.1	3.4
18	12.0	21.0	15.8	82.9	15.156	13.1	1.5	17.4	18.9	3.4
19	13.8	20.5	16.1	84.0	15.382	13.4	4.6	0.0	4.6	1.5
20	14.0	20.0	16.5	84.2	15.830	13.8	10.0	0.0	10.0	1.1
21	13.6	17.4	15.0	91.1	15.549	13.6	16.5	0.0	16.5	0.0
22	11.5	20.6	16.4	80.6	14.727	12.7	0.0	0.0	0.0	4.6
23	11.6	21.4	16.0	79.1	14.358	12.2	33.3	0.0	33.3	3.9
24	12.5	20.5	15.8	82.8	14.953	12.9	60.4	2.3	62.7	3.4
25	12.8	19.6	15.2	87.8	15.112	13.1	1.4	0.0	1.4	1.5
26	13.5	19.0	16.0	82.9	14.976	13.0	0.0	25.2	25.2	2.3
27	12.5	19.8	15.1	91.6	15.806	13.8	6.0	0.0	6.0	2.2
28	11.4	20.5	15.6	77.6	13.740	11.7	0.0	0.0	0.0	5.2
29	11.8	21.5	16.0	82.0	14.942	12.9	12.7	0.9	13.6	5.0
30	12.9	16.0	13.9	92.4	14.822	12.8	54.5	0.0	54.5	2.9
PROM.	12.4	20.1	15.7	84.4	15.052	13.0	363.8	57.3	421.1	80.7

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Dia	Noche	Total	
2	13.0	17.4	14.6	92.2	15.410	13.4	21.2	1.6	22.8	2.0
3	13.1	19.0	14.3	93.9	15.511	13.5	22.2	0.0	22.2	3.3
4	12.2	20.4	15.4	85.0	14.919	12.9	9.6	8.9	18.5	0.0
5	12.1	19.4	15.3	89.1	15.493	13.5	19.3	4.9	24.2	2.2
6	13.0	20.1	15.6	85.2	15.131	13.1	0.0	5.0	5.0	3.4
7	12.4	20.3	15.8	89.0	16.107	14.1	22.7	0.3	23.0	0.2
8	13.1	21.0	16.9	86.9	16.788	14.7	8.6	0.0	8.6	2.9
9	12.8	21.5	17.0	80.7	15.792	13.8	26.4	0.0	26.4	2.9
10	13.5	21.1	17.1	89.9	17.552	15.3	1.8	0.0	1.8	3.0
11	13.1	21.4	16.4	82.9	15.468	13.5	0.0	0.0	0.0	3.3
12	13.5	22.0	18.0	81.8	16.729	14.6	0.0	0.0	0.0	2.9
13	14.0	22.6	18.1	82.5	17.132	15.0	0.1	0.0	0.1	3.3
14	14.1	22.3	17.4	77.9	15.429	13.4	0.0	0.0	0.0	2.6
15	10.5	23.4	17.5	78.8	15.390	13.2	0.0	0.0	0.0	4.3
16	13.2	22.0	17.2	76.5	14.761	12.7	0.0	0.0	0.0	3.8
17	12.5	23.0	17.5	72.1	14.230	12.2	0.0	0.0	0.0	6.3
18	13.1	23.5	17.0	75.9	14.986	12.9	0.0	0.0	0.0	6.0
19	14.2	24.0	18.7	73.9	15.468	13.3	0.0	0.0	0.0	7.0
20	14.5	21.8	17.3	80.7	16.213	14.2	0.0	0.0	0.0	1.5
21	14.0	24.0	18.1	70.6	14.386	12.3	0.0	0.0	0.0	6.7
22	13.2	24.2	18.3	67.6	13.814	11.6	0.0	0.0	0.0	5.5
23	13.5	24.0	18.8	71.2	15.101	13.0	0.0	0.0	0.0	6.0
24	13.0	24.5	18.2	68.6	14.009	11.9	0.0	0.0	0.0	6.8
25	14.0	24.0	19.2	73.1	15.995	13.9	0.0	0.0	0.0	5.0
26	12.4	21.5	18.4	83.9	17.571	15.3	2.0	0.0	2.0	2.4
27	12.4	23.0	17.2	80.5	15.499	13.3	8.0	0.0	8.0	4.6
28	14.2	21.0	17.6	81.2	16.268	14.2	0.1	0.0	0.1	2.4
29	14.5	21.8	18.3	78.7	16.541	14.5	0.0	0.0	0.0	1.5
30	14.5	23.5	17.7	79.9	16.287	14.2	2.3	0.0	2.3	4.9
31	14.0	24.0	18.7	74.2	15.582	13.5	0.0	0.0	0.0	2.9
PROM	13.2	22.0	17.2	80.5	15.635	13.5	154.8	40.4	195.2	109.7

ESTACION: EL CEDRAL
 ALTITUD: 2.120

MUNICIPIO PEREIRA
 LATITUD: 4-47 N.

AÑO 1.987
 LONGITUD 75-32 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 llovias	
ENERO	10.6	20.5	15.5	9.5	23.0	88.1	15.513	13.4	73.9	14	114.4
FEBRERO	11.8	21.7	16.4	10.0	25.1	85.1	15.649	13.6	112.3	12	100.5
MARZO	11.6	20.7	16.0	9.0	24.3	89.2	16.247	14.1	199.3	18	60.7
ABRIL	12.0	20.6	16.0	10.5	24.3	90.2	16.377	14.3	175.3	23	56.3
MAYO	12.7	20.8	16.2	11.2	25.0	88.0	16.318	14.2	329.1	22	76.3
JUNIO	12.9	21.4	16.6	12.0	24.5	83.3	15.682	13.6	69.8	12	91.7
JULIO	12.5	20.4	16.1	11.0	23.0	87.0	15.946	13.9	171.1	20	68.4
AGOSTO	12.6	20.9	16.3	10.5	23.9	79.4	14.561	12.5	56.8	15	99.6
SEPTIEMBRE	12.9	20.6	16.3	11.5	23.5	81.8	15.033	13.0	194.6	21	80.4
OCTUBRE	12.6	19.8	15.3	10.0	21.5	85.5	14.932	12.9	423.1	28	50.8
NOVIEMBRE	12.4	20.1	15.7	10.3	21.7	84.4	15.052	13.0	421.1	22	80.7
DICIEMBRE	13.2	22.0	17.2	10.5	24.5	80.5	15.635	13.5	195.2	15	109.7
PROMEDIO	12.3	20.9	16.1	10.5	23.7	1.9	15.579	13.5			
TOTAL									2421.6	222	989.5

ESTACION: LA CATALINA
 ALTITUD: 1.350

MUNICIPIO: PEREIRA AÑO: 1.987
 LATITUD: 4-47 N. LONGITUD: 76-41 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	29.2	21.4	78.5	19.798	17.3	0.0	0.0	0.0	5.9
2	15.6	29.3	22.8	74.4	19.876	17.4	0.0	0.0	0.0	10.5
3	16.8	29.9	22.7	76.9	20.634	18.0	0.3	0.0	0.3	8.3
4	17.8	28.0	22.2	82.4	22.038	19.1	0.0	0.0	0.0	4.1
5	16.7	26.5	21.9	80.0	20.589	18.0	0.0	0.0	0.0	3.2
6	16.6	28.7	22.1	77.4	20.279	17.7	0.0	0.0	0.0	8.5
7	18.1	24.0	20.2	89.2	21.064	18.3	2.1	0.7	2.8	1.7
8	18.0	27.0	21.4	78.4	19.599	17.2	0.0	0.0	0.0	3.1
9	17.3	27.1	21.4	80.7	20.359	17.7	0.0	0.0	0.0	5.5
10	17.1	27.1	22.6	75.8	20.018	17.5	0.0	0.0	0.0	4.8
11	17.0	25.4	22.2	74.7	20.277	17.7	0.0	0.0	0.0	0.7
12	16.7	29.0	22.8	73.4	19.547	17.1	0.0	0.0	0.0	7.9
13	16.1	29.1	22.1	76.4	19.627	17.2	0.0	0.0	0.0	10.0
14	17.1	29.4	23.2	69.5	18.813	16.5	0.0	0.0	0.0	10.1
15	16.3	29.8	23.6	75.4	20.794	18.1	0.0	0.0	0.0	9.3
16	16.3	27.3	21.5	84.7	21.317	18.5	0.0	0.0	0.0	4.2
17	16.7	30.0	23.4	75.7	20.983	18.2	0.0	0.0	0.0	8.3
18	16.9	29.3	20.8	81.0	19.860	17.4	1.6	0.0	1.6	8.7
19	17.9	23.0	19.4	93.3	21.525	18.7	0.9	0.4	1.3	0.0
20	15.7	27.8	19.6	82.0	18.500	16.3	1.0	1.3	2.3	7.6
21	15.7	24.8	20.2	82.9	19.637	17.2	0.0	0.0	0.0	0.5
22	17.1	26.3	20.1	84.0	19.918	17.4	4.3	1.1	5.4	2.5
23	16.9	27.0	21.7	81.3	20.621	18.0	0.0	4.5	4.5	5.3
24	16.0	29.0	22.0	73.9	18.893	16.6	0.0	0.0	0.0	9.9
25	16.6	27.3	22.2	72.6	19.024	16.7	0.0	0.0	0.0	6.0
26	16.7	28.7	22.4	75.5	19.714	17.3	0.0	0.0	0.0	7.8
27	16.5	29.3	23.1	73.7	20.538	17.9	0.0	0.4	0.4	6.8
28	16.9	30.0	23.3	72.7	20.092	17.6	0.0	0.0	0.0	9.3
29	17.0	30.0	23.3	72.3	19.913	17.4	0.0	0.0	0.0	8.5
30	16.0	28.3	22.2	76.6	19.976	17.5	0.0	0.0	0.0	6.1
31	17.8	28.0	22.3	77.6	20.741	18.1	0.2	0.0	0.2	2.6
PROM.	16.8	27.9	21.9	78.2	20.147	17.6	10.4	11.4	21.8	187.7

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	18.7	31.0	24.6	62.7	18.452	16.1	0.0	0.0	0.0	9.4
2	16.4	31.1	23.6	70.6	19.598	17.2	0.6	0.2	0.8	10.0
3	18.5	28.0	22.1	78.7	20.843	18.1	0.0	0.0	0.0	3.5
4	16.5	31.8	23.6	71.0	19.336	16.9	0.0	0.0	0.0	8.1
5	18.5	29.1	23.3	77.0	21.600	18.7	0.0	0.0	0.0	4.2
6	17.5	30.7	21.3	82.7	20.977	18.3	32.6	0.0	32.6	6.1
7	17.1	30.6	22.1	82.2	21.990	19.0	0.0	0.0	0.0	8.1
8	17.8	28.6	22.2	75.5	20.172	17.6	0.0	0.0	0.0	6.1
9	16.2	27.2	22.2	76.6	19.955	17.5	0.0	0.0	0.0	3.9
10	16.6	31.1	24.7	68.4	19.985	17.5	0.0	0.0	0.0	7.9
11	17.5	27.1	23.2	78.7	21.999	19.0	0.4	0.0	0.4	2.1
12	17.6	26.5	19.8	88.8	20.830	18.1	0.4	0.6	1.0	4.6
13	15.8	27.0	20.4	82.3	19.635	17.2	0.0	0.0	0.0	3.8
14	17.1	22.8	19.4	92.2	20.844	18.1	7.2	0.0	7.2	0.0
15	14.1	30.2	22.1	77.3	19.724	17.3	0.0	0.0	0.0	7.3
16	17.5	28.1	23.3	76.6	21.054	18.3	0.0	2.9	2.9	3.8
17	17.6	26.4	22.0	82.7	21.429	18.6	0.0	0.2	0.2	2.1
18	17.7	29.1	22.7	77.2	20.613	18.0	0.0	0.0	0.0	4.2
19	17.9	29.3	23.2	76.0	21.044	18.3	0.0	0.0	0.0	5.3
20	16.8	31.0	21.9	80.4	20.980	18.3	11.0	0.1	11.1	6.9
21	16.2	31.4	21.6	83.4	21.361	18.5	4.2	0.0	4.2	8.7
22	16.6	31.1	24.4	70.8	21.174	18.4	0.0	0.0	0.0	8.5
23	17.5	32.3	25.4	68.2	20.917	18.2	0.0	0.0	0.0	9.9
24	17.0	31.0	25.0	66.6	19.895	17.2	0.0	0.0	0.0	6.9
25	17.0	31.7	24.2	68.6	19.817	17.3	0.0	0.0	0.0	9.6
26	17.3	33.1	25.3	71.8	22.012	19.0	0.0	0.0	0.0	9.6
27	18.1	32.7	25.0	72.4	22.135	19.1	0.0	0.0	0.0	8.1
28	18.6	34.1	26.2	72.8	23.701	20.2	0.0	0.0	0.0	7.7
PROM.	17.2	29.8	23.0	76.2	20.788	18.1	56.4	4.3	60.7	176.4

ESTACION: LA CATALINA

MUNICIPIO: PEREIRA

AÑO: 1.987

ALTITUD: 1.350

LATITUD: 4-47 N.

LONGITUD: 76-41 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.0	31.7	24.9	72.6	22.141	19.1	0.0	0.0	0.0	6.6
2	17.5	30.2	23.3	78.8	22.385	19.3	0.0	0.0	0.0	3.1
3	16.4	31.1	24.2	73.6	21.290	18.5	0.0	0.0	0.0	7.4
4	17.3	22.4	19.4	92.0	20.799	18.1	7.4	0.0	7.4	0.0
5	16.8	30.1	23.2	72.2	19.724	17.3	0.0	40.2	40.2	7.0
6	16.0	28.8	22.3	74.8	19.231	16.9	0.0	2.8	2.8	7.5
7	18.0	29.8	21.5	81.9	20.991	18.2	9.0	4.4	13.4	6.2
8	18.1	27.3	21.8	82.1	21.307	18.5	0.3	0.0	0.3	4.3
9	17.1	22.9	20.0	89.2	20.813	18.1	1.3	0.0	1.3	0.0
10	16.1	29.3	22.0	71.3	18.084	15.9	0.0	3.1	3.1	9.3
11	17.2	28.0	22.3	78.5	20.594	17.9	0.0	0.0	0.0	3.1
12	17.2	29.3	21.9	77.6	20.205	17.7	0.0	0.0	0.0	6.5
13	17.4	27.0	20.5	85.5	20.720	18.0	2.1	0.0	2.1	2.4
14	15.7	29.3	21.4	79.0	19.789	17.3	1.1	0.0	1.1	6.9
15	16.1	29.1	21.9	82.2	21.185	18.4	0.0	2.1	2.1	3.4
16	18.5	27.7	21.1	82.1	20.577	18.0	8.5	0.0	8.5	1.0
17	16.0	26.1	21.5	81.5	20.534	17.9	0.1	0.6	0.7	2.4
18	17.2	28.9	22.8	77.5	20.837	18.1	0.2	0.0	0.2	6.5
19	18.2	28.7	23.1	78.8	22.129	19.1	0.0	0.0	0.0	2.7
20	17.0	31.1	23.7	77.7	22.265	19.2	0.0	0.0	0.0	8.2
21	18.4	29.4	23.2	84.1	23.969	20.4	14.2	0.0	14.2	3.8
22	18.0	31.0	24.1	79.2	23.366	20.0	0.0	0.0	0.0	7.3
23	18.2	26.8	22.0	85.4	22.675	19.5	0.3	0.0	0.3	0.0
24	18.0	30.1	22.9	75.8	20.492	17.9	0.0	0.0	0.0	5.6
25	18.2	31.2	23.4	74.4	20.901	18.2	0.0	1.0	1.0	7.8
26	17.3	29.3	22.2	79.8	21.162	18.4	0.1	0.0	0.1	4.2
27	18.6	28.9	23.2	76.6	21.219	18.4	0.0	13.7	13.7	4.0
28	18.1	28.3	23.0	79.2	21.771	18.8	0.0	0.0	0.0	4.0
29	17.8	30.0	23.8	75.3	21.863	18.9	0.0	7.8	7.8	5.1
30	18.6	30.1	21.7	82.6	21.533	18.6	2.7	0.9	3.6	2.5
31	18.3	28.0	22.7	78.8	21.415	18.6	0.0	0.0	0.0	4.5
PROM.	17.5	28.8	22.4	79.4	21.160	18.4	47.3	76.6	123.9	143.3

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.6	28.2	21.8	84.6	22.049	19.0	0.7	0.3	1.0	3.0
2	18.1	25.0	20.5	84.9	20.765	18.1	0.0	4.7	4.7	0.5
3	16.5	23.0	19.6	90.2	20.444	17.8	1.3	1.7	3.0	0.0
4	16.7	27.5	22.2	78.5	20.479	17.9	0.0	2.8	2.8	5.6
5	16.8	27.3	20.8	81.0	19.713	17.3	4.6	0.0	4.6	4.1
6	17.0	29.7	22.7	78.3	21.218	18.4	8.0	0.0	8.0	9.1
7	18.4	29.3	23.3	81.2	23.211	19.9	0.0	0.3	0.3	4.4
8	18.5	27.3	21.5	83.6	21.760	18.8	5.9	2.3	8.2	1.3
9	16.5	28.6	22.0	82.5	21.798	18.9	0.0	0.0	0.0	7.3
10	17.1	26.4	21.7	82.9	21.413	18.6	0.0	0.0	0.0	2.5
11	17.3	29.0	22.9	78.2	21.216	18.4	0.0	0.0	0.0	8.1
12	17.1	30.2	23.8	73.1	21.040	18.3	0.0	0.2	0.2	9.3
13	18.6	28.0	21.9	83.0	21.898	18.9	0.5	0.0	0.5	4.0
14	18.3	29.6	23.4	76.2	21.368	18.6	0.0	0.0	0.0	7.9
15	18.1	29.6	22.3	80.4	21.760	18.8	0.2	1.9	2.1	6.3
16	18.4	30.2	23.5	74.8	21.438	18.6	0.0	0.0	0.0	6.9
17	17.6	29.3	23.2	79.0	22.154	19.1	0.0	0.0	0.0	7.5
18	18.6	30.1	23.7	74.1	20.889	18.2	0.0	0.0	0.0	6.1
19	18.0	29.5	23.0	80.0	22.332	19.3	2.3	0.0	2.3	3.9
20	18.1	29.4	23.9	76.5	22.070	19.0	0.0	0.0	0.0	4.3
21	18.6	27.1	22.7	80.4	22.053	19.0	0.0	0.0	0.0	0.2
22	18.4	27.0	22.9	83.1	23.283	19.9	0.0	0.0	0.0	0.9
23	18.1	28.0	22.8	80.3	21.899	18.9	0.0	0.2	0.2	1.0
24	18.4	24.5	20.6	95.3	23.304	19.9	0.5	15.4	15.9	0.7
25	17.3	26.0	21.1	85.4	21.439	18.6	0.1	6.3	6.4	0.7
26	17.5	25.5	19.2	93.3	21.078	18.3	4.5	0.0	4.5	2.9
27	17.0	28.0	22.2	82.3	21.789	18.8	1.6	13.7	15.3	8.1
28	17.0	25.8	20.4	87.9	21.055	18.3	5.1	3.5	8.6	3.7
29	16.6	26.1	19.9	88.3	20.929	18.2	4.9	4.9	9.8	4.4
30	17.9	24.1	20.5	87.1	20.869	18.2	0.8	29.5	30.3	0.3
PROM.	17.7	27.6	22.0	82.2	21.557	18.7	41.0	87.7	128.7	125.0

ESTACION: LA CATALINA
 ALTITUD: 1.350

MUNICIPIO: PEREIRA AÑO: 1.987
 LATITUD: 4-47 N. LONGITUD: 76-41 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa o/o	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.9	21.0	18.9	92.7	20.164	17.6	0.0	0.0	0.0	0.0
2	16.8	27.1	22.1	80.4	21.107	18.3	0.1	10.3	10.4	4.1
3	14.4	26.0	20.9	80.7	19.587	17.1	0.0	54.9	54.9	6.8
4	15.9	25.7	20.3	85.2	20.214	17.7	2.3	0.3	2.6	5.2
5	15.7	26.7	20.4	82.6	19.736	17.3	9.2	0.0	9.2	3.6
6	17.8	25.8	21.0	84.5	21.077	18.3	3.6	0.1	3.7	2.3
7	17.5	26.4	21.5	85.1	21.814	18.9	0.2	0.0	0.2	3.5
8	16.7	27.0	22.4	79.8	21.209	18.4	0.0	0.0	0.0	4.9
9	18.0	26.3	21.3	83.7	21.473	18.6	6.8	1.4	8.2	5.3
10	18.1	26.2	21.4	85.9	21.767	18.9	0.9	0.0	0.9	4.4
11	16.5	30.1	23.8	73.1	20.663	18.0	0.0	0.0	0.0	9.5
12	18.5	28.1	23.8	78.3	22.508	19.4	0.0	0.0	0.0	7.2
13	18.0	27.2	21.9	86.7	22.675	19.5	5.8	2.4	8.2	5.0
14	18.5	26.4	21.9	84.7	22.652	19.5	0.4	0.0	0.4	3.5
15	18.6	26.3	21.6	84.6	22.058	19.1	2.9	56.2	59.1	3.9
16	16.6	23.1	20.0	95.3	22.553	19.4	1.3	4.9	6.2	0.1
17	16.3	25.2	21.3	87.1	21.566	18.6	0.0	0.0	0.0	4.4
18	17.5	28.4	22.9	81.5	22.351	19.3	0.0	0.0	0.0	9.4
19	17.6	29.1	21.9	82.5	21.868	18.9	0.4	0.0	0.4	5.7
20	17.5	26.3	20.7	87.4	21.690	18.8	3.8	5.0	8.8	1.7
21	17.3	26.0	21.1	85.4	20.888	18.2	0.1	8.5	8.6	2.6
22	17.0	26.1	20.2	85.6	20.514	17.9	10.1	52.3	62.4	2.8
23	16.6	25.2	19.5	87.1	19.909	17.4	0.1	25.1	25.2	3.4
24	16.4	26.4	21.4	80.5	20.263	17.7	0.0	0.0	0.0	5.2
25	17.8	27.4	22.8	83.4	23.011	19.7	0.0	0.0	0.0	6.7
26	17.0	26.2	20.2	90.4	21.847	18.9	8.9	15.0	23.9	4.2
27	16.3	26.4	20.7	83.2	20.230	17.7	0.6	0.0	0.6	3.9
28	15.7	28.6	22.2	79.8	21.468	18.6	1.9	0.0	1.9	8.7
29	17.0	27.1	22.3	82.3	22.205	19.2	0.0	0.0	0.0	5.7
30	17.8	28.4	23.5	78.6	22.403	19.3	0.0	0.0	0.0	8.2
31	17.9	28.3	22.2	80.8	21.809	18.8	0.0	0.0	0.0	8.1
PROM.	17.1	26.6	21.5	83.8	21.396	18.5	59.4	236.4	295.8	150.0

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa o/o	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.1	24.3	21.7	92.1	23.948	20.4	0.0	0.0	0.0	0.1
2	18.2	26.0	20.8	88.4	21.984	19.0	0.5	17.7	18.2	3.3
3	18.0	26.6	22.0	84.4	22.286	19.2	14.9	0.1	15.0	4.3
4	17.3	26.4	20.6	92.2	22.596	19.4	0.3	0.0	0.3	3.9
5	18.2	23.3	19.2	95.4	21.394	18.6	8.8	0.0	8.8	0.9
6	16.2	26.4	20.7	87.6	21.224	18.4	3.8	0.0	3.8	4.1
7	17.2	26.3	21.0	83.4	20.901	18.2	3.3	0.0	3.3	6.4
8	17.3	26.1	21.3	81.1	20.746	18.1	19.2	0.0	19.2	3.2
9	18.0	29.0	23.0	77.5	21.452	18.6	0.0	0.0	0.0	9.3
10	16.8	29.1	23.6	80.4	23.202	19.9	0.0	0.0	0.0	8.1
11	19.5	25.0	21.3	88.7	22.830	19.6	3.0	0.0	3.0	0.0
12	16.6	29.0	22.8	80.7	22.095	19.1	18.0	0.0	18.0	9.6
13	18.2	24.4	21.6	92.2	23.753	20.2	0.0	5.3	5.3	0.0
14	18.1	24.1	21.2	90.8	22.867	19.6	10.9	13.2	24.1	1.2
15	17.6	26.8	21.6	82.8	21.199	18.4	0.0	0.0	0.0	3.4
16	17.0	28.2	22.9	83.2	22.838	19.6	0.0	0.0	0.0	5.4
17	17.0	28.7	22.4	84.5	22.691	19.5	3.1	0.0	3.1	8.2
18	17.2	29.1	22.5	82.0	22.098	19.1	1.2	0.0	1.2	5.9
19	17.8	28.4	22.5	78.7	21.756	18.8	0.0	0.0	0.0	5.3
20	17.3	26.0	22.0	79.8	21.059	18.3	0.0	0.0	0.0	0.4
21	17.1	28.0	22.3	79.8	21.433	18.6	0.0	0.0	0.0	6.5
22	17.1	29.0	23.0	81.3	22.426	19.3	1.9	0.0	1.9	5.4
23	18.2	26.0	20.9	89.3	22.690	19.5	30.3	4.9	35.2	1.0
24	18.0	26.0	21.4	85.7	21.749	18.8	0.0	0.0	0.0	1.8
25	16.0	27.0	22.2	85.4	22.589	19.3	1.0	0.0	1.0	6.4
26	17.4	28.0	21.3	79.6	20.566	17.9	8.6	0.0	8.6	6.8
27	16.6	28.0	22.3	70.9	19.160	16.7	0.0	0.0	0.0	9.6
28	16.5	30.0	23.6	64.2	17.572	15.4	0.0	0.0	0.0	10.2
29	17.1	27.4	22.9	80.7	22.321	19.3	0.0	0.0	0.0	3.9
30	17.5	28.0	22.4	81.2	21.827	18.9	0.0	10.4	10.4	5.8
PROM.	17.4	27.0	21.9	83.5	21.842	18.9	128.8	51.0	180.4	141.0

ESTACION: LA CATALINA

MUNICIPIO: PEREIRA

AÑO: 1.987

ALTITUD: 1.350

LATITUD: 4-47 N.

LONGITUD: 76-41 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	16.0	27.3	22.2	80.3	21.614	18.7	0.0	0.0	0.0	5.3
2	16.7	28.1	22.5	77.5	20.376	17.8	0.0	0.1	0.1	7.1
3	18.5	27.0	21.4	84.7	21.623	18.7	6.0	2.0	8.0	3.2
4	18.1	26.0	21.2	87.0	21.951	19.0	3.3	1.6	4.9	4.3
5	16.4	27.1	21.9	81.6	21.020	18.2	0.0	0.0	0.0	5.6
6	17.0	28.1	23.3	74.2	20.861	18.2	0.0	0.0	0.0	5.9
7	18.6	27.6	21.8	83.6	21.808	18.9	0.2	0.0	0.2	4.4
8	17.4	27.4	23.3	78.4	22.233	19.2	0.0	0.0	0.0	4.0
9	18.0	28.4	23.5	80.7	23.002	19.7	0.0	0.0	0.0	6.2
10	17.8	28.3	23.1	80.7	22.352	19.2	0.0	0.0	0.0	5.7
11	17.6	29.0	23.2	80.5	22.671	19.5	0.0	0.0	0.0	4.4
12	18.2	28.3	23.0	77.0	21.334	18.5	0.0	0.0	0.0	6.0
13	18.2	29.2	23.6	78.0	22.507	19.4	0.0	0.0	0.0	7.6
14	18.0	27.2	22.6	84.0	22.719	19.5	1.0	1.8	2.8	5.6
15	18.6	27.6	21.9	83.3	22.130	19.1	7.4	0.0	7.4	4.7
16	17.0	28.0	22.4	78.3	20.886	18.2	0.0	0.1	0.1	8.1
17	18.4	23.2	18.9	95.7	21.199	18.4	36.0	2.5	38.5	0.4
18	17.0	24.5	20.8	87.5	21.221	18.4	0.4	0.0	0.4	0.7
19	16.8	28.5	22.5	75.6	20.462	17.8	0.0	0.0	0.0	5.5
20	18.0	28.3	22.1	81.0	21.406	18.6	0.0	0.0	0.0	8.2
21	17.5	28.5	22.6	82.6	22.178	19.1	1.4	11.2	12.6	7.7
22	17.0	26.2	21.4	81.6	20.450	17.9	0.7	0.0	0.7	3.2
23	16.8	28.0	22.2	81.5	21.214	18.4	0.0	7.6	7.6	7.5
24	17.5	25.6	21.3	88.8	22.272	19.2	0.6	3.5	4.1	4.1
25	17.6	28.0	22.1	83.9	21.834	18.8	3.3	5.6	8.9	7.5
26	17.1	23.4	20.2	86.3	20.320	17.7	2.2	0.0	2.2	0.3
27	17.2	26.5	21.5	87.3	21.934	18.9	0.2	20.2	20.4	3.3
28	17.8	27.2	21.8	81.4	20.914	18.2	0.0	11.2	11.2	3.6
29	17.6	26.4	22.4	83.9	22.210	19.2	0.0	14.1	14.1	3.2
30	17.7	26.6	21.0	85.4	21.207	18.4	0.0	3.8	3.8	3.2
31	17.6	24.4	20.3	86.9	20.665	18.0	0.5	41.1	41.6	1.2
PROM.	17.5	27.1	22.0	82.6	21.567	18.7	63.2	126.4	189.6	147.7

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	24.5	19.6	88.3	20.173	17.6	0.0	0.1	0.1	1.3
2	17.1	24.4	20.2	86.5	20.471	17.9	3.9	4.7	8.6	5.7
3	16.8	26.4	21.0	83.8	20.473	17.9	0.0	0.0	0.0	4.8
4	16.6	26.0	21.8	81.2	20.750	18.0	0.0	1.6	1.6	5.0
5	16.8	27.5	22.3	76.6	20.025	17.5	0.0	0.0	0.0	7.4
6	18.5	26.3	21.6	82.9	21.138	18.4	0.0	0.0	0.0	3.3
7	17.6	27.0	22.3	76.4	20.132	17.6	0.0	1.1	1.1	6.7
8	18.6	25.4	20.9	81.6	20.170	17.6	0.0	0.0	0.0	3.2
9	17.9	28.6	21.1	79.7	20.018	17.5	8.1	6.8	14.9	7.0
10	17.5	26.8	22.3	79.1	20.699	18.1	0.8	19.7	20.5	5.0
11	17.6	25.0	20.3	88.3	21.077	18.3	2.1	0.5	2.6	2.2
12	16.8	25.4	19.9	84.5	19.529	17.1	6.9	0.2	7.1	3.6
13	16.0	27.0	21.5	78.8	19.887	17.4	0.0	0.0	0.0	8.0
14	15.5	29.8	23.6	64.7	17.682	15.5	0.0	0.0	0.0	9.8
15	16.8	29.0	22.9	69.9	18.998	16.7	0.0	0.0	0.0	10.5
16	17.0	27.5	22.8	71.6	19.341	16.9	0.0	0.0	0.0	2.7
17	17.4	25.6	21.5	83.6	21.400	18.6	0.2	0.0	0.2	1.2
18	17.2	30.0	22.9	72.5	19.927	17.4	0.0	0.0	0.0	7.1
19	16.8	29.0	23.6	70.1	20.371	17.8	0.0	0.0	0.0	8.0
20	17.3	29.0	22.3	78.5	20.938	18.2	2.3	0.0	2.3	4.5
21	16.8	30.8	23.8	68.6	19.766	17.3	0.0	0.0	0.0	8.3
22	18.3	28.7	22.8	66.6	17.745	15.5	2.5	0.0	2.5	7.4
23	17.6	30.0	23.5	68.5	19.339	16.9	0.0	0.0	0.0	9.4
24	17.6	30.4	24.8	63.9	19.672	17.0	0.0	0.0	0.0	6.7
25	18.6	29.4	24.6	60.7	18.527	16.0	0.0	0.0	0.0	4.8
26	17.6	29.9	23.9	72.4	21.493	18.6	0.0	0.0	0.0	7.2
27	18.5	28.1	21.6	83.3	21.735	18.8	0.3	0.0	0.3	3.0
28	17.4	28.4	22.5	79.0	20.754	18.0	0.0	0.0	0.0	6.9
29	18.0	29.4	21.8	73.6	19.292	16.9	1.4	0.0	1.4	5.3
30	17.5	27.2	22.7	75.5	20.483	17.2	0.0	0.0	0.0	2.7
31	18.0	28.2	21.8	80.6	21.200	18.4	6.2	0.0	6.2	5.5
PROM.	17.4	27.7	22.2	76.5	20.103	17.5	34.7	34.7	69.4	174.2

ESTACION: LA CATALINA

MUNICIPIO: PEREIRA

AÑO:

1.987

ALTITUD: 1.350

LATITUD: 4-47 N.

LONGITUD: 76-41 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa o/o	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	25.4	20.5	90.2	21.971	19.0	3.8	0.0	3.8	3.0
2	16.8	27.8	22.7	73.2	19.994	17.5	0.0	2.3	2.3	7.3
3	18.0	25.0	20.1	89.2	20.910	18.2	0.8	0.4	1.2	1.2
4	17.6	24.0	20.9	83.7	20.568	17.9	0.9	9.8	10.7	0.9
5	17.0	23.5	19.3	91.3	20.681	18.0	0.4	0.0	0.4	0.3
6	15.2	27.5	20.9	79.1	19.384	17.0	2.4	23.1	25.5	6.3
7	16.6	27.0	22.6	78.6	20.961	18.2	0.0	0.0	0.0	4.3
8	18.5	25.4	20.5	85.6	20.644	18.0	0.0	0.1	0.1	2.6
9	17.5	26.2	21.9	79.5	20.486	17.9	0.0	1.3	1.3	1.9
10	17.5	26.0	20.9	87.5	21.928	18.9	0.7	0.0	0.7	2.1
11	15.6	28.5	22.9	73.5	20.310	17.7	0.0	0.0	0.0	1.2
12	17.4	30.0	23.1	76.7	21.767	18.9	1.8	0.0	1.8	
13	18.0	28.3	22.6	79.9	21.974	19.0	1.5	27.1	28.6	
14	17.5	27.0	20.2	84.7	20.119	17.6	0.0	0.0	0.0	
15	18.1	28.0	21.4	78.8	20.016	17.5	5.2	6.1	6.1	
16	17.1	29.2	23.6	76.8	21.674	18.7	0.0	0.9	0.9	
17	18.3	28.4	22.6	77.4	20.850	18.1	0.0	0.8	0.8	3.2
18	17.5	28.3	22.5	74.2	19.807	17.3	0.0	0.0	0.0	7.2
19	18.2	29.1	20.7	79.3	19.639	17.2	0.0	0.0	0.0	7.8
20	17.2	24.2	19.2	86.1	19.318	16.9	0.8	11.3	12.1	8.0
21	17.0	25.0	20.8	83.4	20.173	16.9	2.2	3.0	5.2	1.7
22	17.6	27.5	21.8	80.8	20.713	17.6	0.0	10.3	10.3	3.2
23	16.0	26.0	20.9	81.0	19.671	18.0	0.3	56.5	56.8	5.6
24	17.7	28.4	21.2	79.0	20.548	17.2	0.0	0.0	0.0	2.9
25	16.9	22.5	19.1	94.3	20.882	17.9	36.5	0.1	36.6	4.9
26	15.2	26.2	21.4	83.7	21.094	18.2	12.3	0.0	12.3	0.1
27	17.6	28.6	23.8	76.8	22.051	19.0	0.0	0.0	0.0	2.8
28	18.8	26.5	20.4	83.3	20.284	17.7	0.1	8.5	8.6	6.8
29	15.2	26.6	19.6	81.6	18.653	16.4	61.4	31.3	92.7	2.9
30	16.4	23.0	19.0	82.0	17.846	15.7	3.6	0.0	3.6	5.4
PROM.	17.2	26.6	21.2	81.7	20.497	17.8	134.7	192.9	327.6	1.7

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa o/o	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	27.0	21.4	78.4	19.306	16.9	0.0	3.3	3.3	7.7
2	17.0	26.8	20.8	79.2	19.271	16.9	0.3	7.3	7.6	5.2
3	17.1	25.3	20.5	85.0	20.368	17.8	9.8	1.1	10.9	4.8
4	17.2	25.6	21.2	83.0	20.935	18.2	0.0	4.4	4.4	7.1
5	17.3	27.5	21.6	82.0	21.312	18.5	7.9	1.2	9.1	4.0
6	17.0	27.0	22.2	81.8	21.829	18.9	7.1	0.0	7.1	5.4
7	17.8	24.8	20.7	91.2	22.204	19.2	10.6	0.2	10.8	1.0
8	17.1	24.5	19.8	91.2	21.406	18.6	4.0	30.3	34.3	0.3
9	16.2	24.8	20.0	85.2	19.751	17.3	1.5	0.0	1.5	1.6
10	17.0	26.8	22.4	75.3	20.271	17.7	0.0	0.0	0.0	4.9
11	17.4	24.0	19.8	90.1	21.233	18.5	2.8	0.0	2.8	2.1
12	16.6	28.3	22.0	76.0	19.732	17.2	0.0	0.0	0.0	5.9
13	17.0	28.7	22.3	76.3	20.237	17.7	0.0	0.0	0.0	5.8
14	17.2	27.6	21.8	78.8	20.204	17.7	0.0	0.0	0.0	4.3
15	17.3	27.2	21.7	76.9	20.072	17.6	0.2	3.4	3.4	4.2
16	17.2	27.0	21.7	81.5	20.946	18.2	0.0	6.0	6.2	3.2
17	17.4	24.0	19.5	89.1	20.394	17.8	0.0	35.8	35.8	0.0
18	17.0	26.0	21.5	80.6	20.498	17.9	14.5	1.1	15.6	2.1
19	17.1	27.5	21.2	79.6	20.200	17.6	0.0	2.1	2.1	2.3
20	17.4	24.8	21.8	78.1	20.400	17.8	0.0	0.0	0.0	3.2
21	17.0	24.4	19.9	88.4	20.594	17.9	0.0	14.5	14.5	0.3
22	17.1	27.0	22.0	78.5	20.756	18.1	0.0	0.0	0.0	0.8
23	16.8	27.2	20.8	83.8	20.738	18.1	13.2	0.0	13.2	4.7
24	17.0	25.0	19.3	90.4	20.759	18.1	26.0	0.0	26.0	3.2
25	16.0	25.6	20.6	82.5	19.644	18.1	2.1	2.1	4.2	2.9
26	17.2	26.6	21.7	81.7	21.135	18.2	0.0	9.1	9.1	2.9
27	17.8	25.4	20.6	84.2	20.748	18.1	6.8	0.6	7.4	3.4
28	17.5	21.6	19.4	92.3	20.742	18.1	8.0	37.4	45.4	2.9
29	17.2	26.0	20.5	83.2	19.929	17.4	3.7	0.4	4.1	0.0
30	17.0	26.6	20.2	82.0	19.537	17.1	21.5	1.7	23.2	2.0
31	16.8	25.4	20.2	80.5	19.266	16.9	4.3	0.2	4.5	3.3
PROM.	17.0	26.0	20.9	82.8	20.465	17.9	144.7	166.0	310.7	105.2

ESTACION: LA CATALINA

MUNICIPIO: PEREIRA

AÑO: 1.987

ALTITUD: 1.350

LATITUD: 4-47 N.

LONGITUD: 76-41 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	16.0	26.5	21.4	75.2	19.180	16.8	0.3	0.0	0.3	7.0
2	17.5	27.0	20.9	77.8	19.367	17.0	0.4	8.6	9.0	8.7
3	17.0	24.8	20.4	82.4	19.945	17.5	0.0	0.1	0.1	2.0
4	17.2	26.2	20.4	88.1	21.638	18.7	1.8	0.0	1.8	4.0
5	18.0	26.6	21.4	81.7	20.799	18.1	5.9	0.0	5.9	7.3
6	18.2	26.0	21.0	85.0	21.154	18.4	5.2	2.8	8.0	4.9
7	17.5	26.3	21.0	80.8	20.402	17.8	22.5	0.0	22.5	5.6
8	16.0	27.5	22.0	79.4	21.011	18.3	0.0	0.0	0.0	8.0
9	16.8	28.6	22.8	77.3	21.336	18.5	0.0	0.0	0.0	9.2
10	17.6	28.5	23.4	75.4	20.953	18.2	0.0	0.0	0.0	8.0
11	17.8	28.3	22.3	75.7	20.293	17.7	0.0	0.0	0.0	5.3
12	18.6	28.0	22.6	77.3	21.225	18.4	0.0	0.0	0.0	5.7
1.3	18.5	26.0	21.9	82.7	21.858	18.9	0.0	0.5	0.5	3.7
14	18.8	25.5	21.9	81.8	21.883	18.9	0.1	14.0	14.1	4.0
15	17.8	26.5	22.2	80.6	21.925	18.9	0.4	0.0	0.4	3.4
16	18.5	27.2	22.0	80.0	21.024	18.3	0.0	0.0	0.0	5.7
17	17.6	28.5	23.5	76.8	21.688	18.8	0.0	0.0	0.0	8.6
18	18.0	26.2	21.4	82.8	21.465	18.6	0.8	18.9	19.7	2.4
1.9	17.0	26.0	20.2	83.8	20.048	17.5	29.5	10.8	40.3	3.1
20	17.1	25.5	19.9	86.7	20.474	17.9	3.4	34.3	37.7	5.5
21	16.0	24.2	20.2	82.0	19.450	17.1	0.0	0.0	0.0	3.1
22	15.0	26.2	21.9	74.0	19.350	17.0	0.0	0.0	0.0	10.9
23	16.0	27.4	22.9	75.8	20.971	18.3	0.0	0.0	0.0	9.2
24	17.6	27.5	22.4	73.2	19.920	17.4	0.0	10.6	10.6	7.3
25	16.0	23.0	19.7	89.2	20.789	18.1	8.0	0.2	8.2	0.7
26	17.0	23.4	20.3	84.0	19.960	17.5	0.3	0.9	1.2	5.3
27	16.0	25.5	20.7	76.5	18.440	16.2	0.0	0.0	0.0	6.7
28	15.5	27.3	22.5	74.1	19.987	17.5	0.0	0.0	0.0	9.2
29	17.0	27.5	21.7	73.9	18.839	16.5	0.0	0.0	0.0	9.2
30	16.0	18.6	17.6	93.2	18.916	16.6	37.1	0.1	37.2	0.0
PROM.	17.1	26.2	21.4	80.2	20.476	17.8	115.7	101.8	217.5	173.7

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	25.7	20.5	79.7	19.313	16.9	10.8	22.2	33.0	6.7
2	16.0	23.5	20.2	87.3	20.605	18.0	1.4	20.9	22.3	0.6
3	16.4	23.3	19.5	86.2	19.811	17.3	1.1	0.0	1.1	3.1
4	17.0	26.4	21.2	78.5	19.821	17.3	0.0	60.1	60.1	5.8
5	17.0	26.2	20.7	84.4	20.487	17.9	0.0	3.4	3.4	6.7
6	15.0	26.0	21.1	78.7	19.302	16.9	0.0	0.0	0.0	8.0
7	17.0	26.0	21.0	81.7	20.254	17.7	0.0	3.3	3.3	5.1
8	17.2	25.6	21.2	81.3	20.633	18.0	0.0	0.0	0.0	3.6
9	17.3	26.0	21.5	78.6	20.076	17.6	0.1	0.0	0.1	5.3
10	17.6	25.6	21.1	80.4	20.125	17.6	0.6	0.1	0.7	3.5
11	18.0	27.0	21.9	77.5	20.292	17.8	0.0	0.0	0.0	6.2
12	17.0	26.3	22.2	78.9	20.661	18.0	0.0	0.0	0.0	6.3
13	17.0	25.0	21.1	91.5	22.973	19.6	3.7	37.8	41.5	3.8
14	17.1	27.0	21.9	80.8	21.071	18.4	0.0	0.0	0.0	5.6
15	17.2	27.2	22.1	82.7	21.830	18.9	0.0	0.9	0.9	7.1
16	18.4	27.3	22.9	77.4	21.378	18.6	0.0	0.0	0.0	7.6
17	16.4	27.1	22.1	73.2	18.851	16.5	0.0	0.0	0.0	8.4
18	16.0	28.4	22.0	76.5	20.003	17.1	0.0	0.0	0.0	10.5
19	16.1	28.6	22.5	72.7	19.474	17.5	0.0	0.0	0.0	9.2
20	17.8	27.0	22.6	72.5	19.742	17.2	0.0	0.0	0.0	5.1
21	17.0	29.3	22.8	66.6	17.725	15.5	0.0	0.0	0.0	10.7
22	16.5	30.0	23.1	72.2	19.661	17.2	0.0	0.0	0.0	10.7
23	16.8	30.2	23.5	69.5	19.362	17.0	0.0	0.0	0.0	10.7
24	16.7	29.3	23.4	69.2	19.262	16.9	0.0	0.0	0.0	10.5
25	16.5	28.5	23.5	72.8	20.726	18.1	0.0	0.0	0.0	8.9
26	17.0	26.5	21.7	78.2	20.186	17.7	0.0	0.0	0.0	2.9
27	17.1	28.5	22.4	75.2	19.642	17.2	0.0	0.0	0.0	7.2
28	18.0	28.0	22.5	76.0	20.578	17.9	0.0	0.3	0.3	3.9
29	18.2	26.5	21.4	85.9	21.943	19.0	3.6	9.5	13.1	3.7
30	17.8	27.5	22.2	82.6	22.142	19.1	0.3	0.0	0.3	6.7
31	17.1	28.2	22.4	77.1	20.514	17.9	5.6	0.0	5.6	6.9
PROM.	16.9	27.0	21.9	78.3	20.272	17.7	27.2	158.5	185.7	200.4

ESTACION: LA CATALINA

MUNICIPIO PEREIRA

AÑO 1.987

ALTITUD: 1.350

LATITUD: 4-47 N.

LONGITUD 76-41 W.

MESES	TEMPERATURA °C					Humedad relativa 0/0	Tension vapor mb.	Punto roció °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias lluvias	
FEBRERO	17.2	29.8	23.0	14.1	34.1	76.2	20.788	18.1	60.7	9	176.4
MARZO	17.5	28.8	22.4	15.7	31.7	79.4	21.160	18.4	123.9	20	143.3
ABRIL	17.7	27.6	22.0	16.5	30.2	82.2	21.557	18.7	128.7	20	125.0
MAYO	17.1	26.6	21.5	14.4	30.1	83.8	21.396	18.5	295.8	20	150.0
JUNIO	17.4	27.0	21.9	16.0	30.0	82.6	21.842	18.9	180.4	18	141.0
JULIO	17.5	27.1	22.0	16.0	29.2	82.6	21.567	18.7	189.6	20	147.7
AGOSTO	17.4	27.7	22.2	15.5	30.8	76.5	20.103	17.5	69.4	14	174.2
SEPTIEMBRE	17.2	26.6	21.2	15.2	30.0	81.7	20.497	17.8	327.6	23	
OCTUBRE	17.0	26.0	20.9	15.0	28.7	82.8	20.465	17.9	310.7	26	105.2
NOVIEMBRE	17.1	26.2	21.4	15.0	28.6	80.2	20.476	17.8	217.5	17	173.7
DICIEMBRE	16.9	27.0	21.9	14.0	30.2	78.3	20.272	17.7	185.7	14	200.4
PROMEDIO	17.2	27.4	21.9	15.3	30.3	80.5	20.856	18.1			
TOTAL									2111.8	211	

ESTACION: LA TRINIDAD
 ALTITUD: 1.430

MUNICIPIO: LIBANO
 LATITUD: 4-55 N.

AÑO: 1.987
 LONGITUD: 75-04 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	24.0	17.9	95.2	19.479	17.1	0.0	0.0	0.0	2.7
2	16.4	24.2	20.4	83.6	20.073	17.5	0.0	14.6	14.6	7.9
3	16.0	24.0	19.7	87.2	19.948	17.4	0.0	0.0	0.0	4.8
4	16.0	25.5	20.5	78.4	18.811	16.4	0.0	0.0	0.0	7.9
5	17.0	25.0	20.3	85.0	20.263	17.7	0.5	0.0	0.5	2.2
6	15.0	25.2	19.9	83.7	19.650	17.2	1.0	10.3	11.3	4.1
7	15.5	22.5	18.9	87.2	19.299	16.9	0.0	0.0	0.0	0.0
8	15.2	21.0	18.3	92.1	19.449	17.0	0.0	0.0	0.0	0.0
9	15.0	23.0	19.0	87.6	19.135	16.8	0.0	0.0	0.0	4.0
10	14.7	25.0	20.1	82.3	19.527	17.1	0.0	0.0	0.0	8.2
11	16.0	25.0	20.9	79.5	19.614	17.2	0.0	0.0	0.0	6.3
12	15.5	25.5	19.9	77.6	18.155	16.0	0.0	0.0	0.0	8.4
13	15.0	26.5	20.3	73.5	17.221	15.2	0.0	0.0	0.0	7.9
14	15.0	26.5	21.0	73.1	17.984	15.8	0.0	0.0	0.0	9.5
15	15.2	27.5	21.5	67.4	16.902	14.8	0.0	0.0	0.0	8.9
16	14.5	27.3	21.4	68.4	17.000	14.9	0.0	0.0	0.0	10.0
17	14.0	27.7	21.1	66.5	16.092	14.1	0.0	0.0	0.0	10.6
18	16.0	27.8	20.9	64.1	15.453	13.5	0.0	0.0	0.0	0.7
19	16.5	24.5	19.7	84.3	19.436	17.0	3.8	1.0	4.8	4.1
20	15.0	25.2	20.1	79.1	18.788	16.3	0.0	0.2	0.2	3.6
21	15.7	24.0	19.5	85.7	19.052	16.7	1.8	0.0	1.8	6.6
22	15.0	26.0	20.6	78.7	19.023	16.7	0.0	0.0	0.0	7.2
23	17.2	26.0	20.0	76.9	17.965	15.8	0.0	0.5	0.5	6.8
24	16.0	25.8	20.7	78.3	18.912	16.6	0.0	0.0	0.0	4.9
25	16.2	26.2	20.8	76.5	18.821	16.3	0.0	0.0	0.0	5.9
26	17.3	26.5	21.2	81.7	20.512	17.9	0.0	0.0	0.0	2.9
27	17.4	25.0	20.3	84.3	20.187	17.5	4.1	0.0	4.1	7.7
28	17.0	25.6	20.8	76.2	18.540	16.3	0.0	0.0	0.0	8.1
29	16.5	26.0	21.2	70.3	17.563	15.4	0.0	0.0	0.0	6.3
30	16.4	26.1	21.3	79.4	19.740	17.3	0.0	5.4	5.4	2.7
31	18.4	25.1	21.3	82.6	20.923	18.2	0.0	0.0	0.0	
PROM.	15.9	25.3	20.3	79.6	18.823	16.5	11.2	32.0	43.2	179.3

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	26.6	22.1	72.0	18.902	16.6	0.0	0.0	0.0	7.3
2	15.4	29.3	21.3	65.1	15.975	13.9	0.0	0.0	0.0	9.9
3	16.8	27.4	21.5	70.7	17.776	15.6	0.8	0.0	0.8	5.6
4	15.4	28.6	22.1	71.4	19.098	16.4	0.0	0.0	0.0	7.3
5	15.2	28.5	22.2	64.1	17.455	14.8	0.0	9.4	9.4	10.0
6	16.8	26.4	20.8	73.2	18.041	15.8	0.0	0.0	0.0	7.0
7	15.0	27.4	21.3	70.9	17.757	15.7	0.0	0.0	0.0	8.2
8	17.0	24.7	20.0	79.3	18.630	16.4	0.5	0.0	0.5	1.7
9	17.0	24.6	20.6	79.9	19.367	17.0	0.0	8.0	8.0	1.7
10	16.4	23.2	19.5	90.9	20.664	18.0	37.9	0.0	37.9	1.5
11	16.6	21.6	19.4	91.2	20.752	18.1	0.0	0.0	0.0	1.0
12	16.8	25.5	20.3	72.3	17.171	15.0	0.0	0.0	0.0	4.8
13	16.0	23.2	18.6	88.2	18.860	16.6	6.0	0.0	6.0	1.3
14	14.2	21.5	17.2	89.9	17.728	15.5	7.8	0.0	7.8	0.9
15	13.6	23.5	18.8	85.0	18.262	16.0	0.0	0.0	0.0	7.0
16	15.5	27.0	21.5	69.9	17.572	15.3	0.0	0.2	0.2	7.0
17	16.5	25.2	21.0	81.4	20.325	17.2	0.9	0.0	0.9	3.6
18	16.2	26.0	21.2	77.7	19.441	17.0	0.0	0.0	0.0	4.0
19	16.5	25.8	21.0	83.9	20.942	18.2	0.0	0.0	0.0	8.7
20	17.2	27.0	21.6	76.4	19.476	17.0	0.0	0.0	0.0	8.8
21	16.5	27.0	21.0	73.0	18.151	15.9	0.0	0.0	0.0	6.8
22	16.2	27.6	20.7	80.3	19.668	17.2	0.0	0.0	0.0	10.4
23	17.5	27.5	22.0	63.7	16.908	14.9	0.0	0.0	0.0	8.8
24	13.0	27.6	22.4	59.7	15.457	13.5	0.0	0.0	0.0	5.0
25	15.2	25.3	19.8	79.7	18.389	16.1	0.0	0.0	0.0	8.9
26	16.0	28.7	22.9	64.8	17.970	15.8	0.0	0.0	0.0	9.3
27	17.3	28.6	22.7	69.4	19.032	16.7	0.0	0.0	0.0	10.1
28	15.2	29.4	22.2	61.7	15.685	13.7	0.0	0.0	0.0	
PROM.	16.0	26.2	20.9	75.2	18.409	16.1	53.9	36.7	90.6	170.4

ESTACION: LA TRINIDAD
 ALTITUD: 1.430

MUNICIPIO: LIBANO AÑO: 1.987
 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	
2	15.4	28.0	21.0	73.9	18.141	15.9	0.0	0.0	0.0	2.8
3	16.2	28.0	21.8	72.5	18.730	16.4	0.0	0.0	0.0	4.7
4	18.0	22.5	20.3	87.2	20.406	17.8	0.3	0.3	0.3	0.0
5	18.0	23.5	20.6	89.2	21.506	18.6	0.0	0.0	0.0	0.1
6	17.5	25.0	20.1	86.0	20.220	17.7	0.0	0.0	0.0	0.5
7	17.4	26.8	21.0	79.4	19.648	17.2	0.0	0.1	0.1	3.9
8	16.0	26.5	20.8	71.0	17.306	15.2	0.0	0.0	0.0	5.7
9	15.5	21.0	19.2	81.4	17.847	15.7	0.0	0.0	0.0	0.1
10	15.8	24.3	20.8	77.4	19.074	16.7	0.5	1.0	1.5	6.4
11	16.5	25.4	20.0	81.0	18.774	16.5	0.0	0.8	0.8	2.3
12	14.0	26.8	20.5	73.0	17.286	15.1	0.0	0.0	0.0	4.7
13	14.0	24.0	19.8	84.2	19.596	17.1	0.4	0.0	0.4	0.3
14	16.2	25.0	19.1	82.1	18.179	16.0	14.5	0.0	14.5	0.8
15	16.0	24.0	20.4	81.3	19.288	16.9	3.1	0.0	3.1	0.0
16	15.8	20.6	18.7	93.7	20.085	17.5	0.0	43.5	43.5	2.0
17	16.2	23.6	18.7	94.7	20.227	17.7	0.0	0.0	0.0	1.6
18	15.5	26.4	20.7	66.8	16.033	13.9	0.0	0.0	0.0	9.3
19	15.0	25.5	20.7	71.4	17.544	15.4	0.0	0.0	0.0	4.0
20	15.5	28.6	22.2	63.3	16.326	14.3	0.0	0.0	0.0	10.5
21	16.5	26.0	21.1	83.8	20.715	18.1	0.0	18.3	18.3	1.5
22	17.0	26.0	20.8	81.5	19.888	17.4	0.3	0.0	0.3	5.2
23	17.5	25.4	21.2	73.0	18.228	16.1	0.0	0.0	0.0	1.9
24	16.4	25.5	21.0	77.4	19.435	17.0	0.0	0.0	0.0	3.8
25	16.5	27.0	22.2	75.2	19.928	17.4	0.0	0.0	0.0	7.6
26	17.0	26.0	21.3	82.2	20.938	18.1	0.0	0.0	0.0	1.2
27	17.4	26.2	20.8	84.8	20.753	18.1	0.0	10.8	10.8	0.6
28	17.5	26.0	21.8	78.5	20.586	17.9	0.0	0.0	0.0	1.1
29	18.0	25.7	21.3	77.1	19.398	17.0	0.0	0.0	0.0	1.4
30	18.0	26.0	21.6	89.3	23.103	19.2	0.0	1.0	1.0	0.6
31	17.0	26.0	21.0	77.4	19.395	17.0	0.9	0.1	1.0	2.4
PROM.	16.4	25.5	20.7	79.2	19.245	16.8	20.0	91.2	111.2	91.9

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	
2	17.5	23.0	19.8	83.2	19.353	16.9	0.5	2.4	2.9	0.1
3	16.5	20.0	18.1	93.0	19.353	17.0	20.9	1.0	21.9	0.0
4	15.0	24.0	20.0	85.7	19.787	17.3	0.0	30.4	30.4	5.5
5	16.2	25.6	20.5	81.6	19.640	17.2	1.1	19.5	20.6	3.2
6	16.4	24.0	20.0	92.0	21.777	18.8	0.0	0.0	0.0	1.7
7	17.5	24.2	20.5	87.3	21.071	18.3	0.0	0.0	0.0	2.4
8	16.8	24.6	20.6	82.7	20.489	17.9	0.0	0.0	0.0	5.2
9	17.0	26.0	21.1	81.8	20.763	18.1	0.0	0.0	0.0	7.1
10	16.4	23.0	19.5	88.8	20.529	17.8	2.6	0.0	2.6	0.5
11	16.2	24.0	19.7	89.0	20.320	17.6	0.0	0.0	0.0	2.0
12	16.0	26.5	21.0	76.3	18.597	16.3	0.0	0.0	0.0	7.6
13	17.0	27.0	20.9	79.2	19.663	17.3	0.0	0.0	0.0	8.2
14	15.0	26.4	20.8	70.6	17.491	15.2	0.0	0.0	0.0	9.9
15	16.5	28.0	22.2	74.4	19.771	17.3	0.0	0.0	0.0	6.5
16	17.0	26.7	21.2	82.3	20.831	18.1	0.0	0.0	0.0	8.0
17	16.3	27.0	21.0	78.4	19.828	17.4	0.0	0.0	0.0	1.8
18	16.0	22.5	19.9	92.3	21.387	18.6	7.5	63.1	70.6	5.5
19	17.0	22.8	19.1	89.5	19.923	17.4	0.6	0.0	0.6	0.0
20	16.2	26.0	21.3	76.0	19.125	16.8	0.0	0.0	0.0	2.8
21	15.4	25.8	21.4	84.3	21.464	18.6	0.0	0.0	0.0	6.1
22	15.0	26.0	21.5	84.0	21.643	18.7	0.0	0.0	0.0	1.8
23	16.2	24.0	20.8	88.6	21.702	18.6	0.0	3.7	3.7	5.5
24	17.4	23.0	20.1	91.0	21.714	18.8	4.5	0.1	4.6	0.0
25	17.0	23.0	20.1	88.3	20.784	18.1	0.0	0.2	0.2	1.9
26	17.0	24.0	20.2	87.1	20.745	18.1	0.0	4.3	4.3	0.8
27	16.0	25.5	21.0	79.9	19.943	17.5	11.1	0.0	11.1	1.5
28	17.0	24.0	19.9	88.8	20.675	18.0	0.0	2.4	2.4	4.4
29	15.0	24.2	20.2	87.9	20.902	18.2	2.5	0.0	2.5	1.9
30	17.0	23.4	19.4	92.4	21.053	18.3	0.0	1.3	1.3	5.9
PROM.	16.4	24.6	20.4	84.8	20.342	17.7	53.9	135.9	189.8	115.0

ESTACION: LA TRINIDAD
 ALTITUD: 1.430

MUNICIPIO: LIBANO
 LATITUD: 4-55 N.

AÑO: 1.987
 LONGITUD: 75-04 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	20.5	17.9	94.9	19.743	17.3	1.0	0.0	1.0	0.0
2	15.0	23.4	20.0	85.0	19.952	17.4	0.0	0.0	0.0	4.4
3	16.5	26.0	21.2	81.0	20.625	18.0	0.0	55.9	55.9	6.2
4	16.4	23.6	20.5	83.2	20.098	17.5	0.0	0.3	0.3	2.1
5	16.0	24.4	18.5	91.7	19.670	17.2	4.1	1.9	6.0	2.1
6	15.0	23.0	19.5	90.7	20.523	17.9	0.0	25.7	25.7	3.2
7	16.5	23.2	19.5	89.2	20.306	17.7	0.4	0.0	0.4	3.7
8	16.0	24.8	20.5	88.8	21.619	18.7	0.0	0.7	0.7	6.0
9	18.0	25.0	21.1	86.6	21.748	18.8	0.0	27.8	27.8	6.6
10	16.4	22.8	20.1	91.0	21.419	18.6	0.0	0.0	0.0	4.1
11	16.4	24.5	21.6	87.2	21.894	18.9	0.0	0.0	0.0	5.8
12	16.0	25.2	21.5	79.8	20.627	18.0	0.0	0.0	0.0	5.0
13	15.4	25.8	20.9	80.4	19.949	17.4	0.0	0.2	0.2	2.5
14	16.0	26.0	20.7	81.9	20.068	17.6	0.0	0.0	0.0	3.9
15	17.4	25.6	21.6	86.3	22.376	19.3	0.2	45.6	45.8	7.9
16	16.5	24.0	19.8	92.1	21.191	18.4	3.8	4.4	8.2	1.1
17	16.2	24.2	20.7	85.9	21.068	18.4	0.0	3.5	3.5	2.2
18	17.0	24.7	20.8	89.7	22.232	19.2	0.0	0.0	0.0	6.9
19	17.5	25.5	21.6	75.7	19.506	17.1	0.0	0.0	0.0	7.8
20	17.0	26.0	21.1	83.2	20.678	18.0	0.0	53.3	53.3	3.6
21	16.5	23.8	19.4	90.5	20.721	18.0	0.0	0.0	0.0	4.8
22	16.0	24.8	19.6	85.1	19.639	17.2	0.0	6.3	6.3	1.9
23	16.2	24.5	19.1	89.0	19.755	17.3	2.4	2.8	5.2	2.0
24	15.4	22.5	19.2	92.6	20.613	18.0	0.4	0.2	0.6	0.3
25	14.5	23.0	19.2	87.4	19.249	16.2	0.0	0.0	0.0	4.1
26	17.4	23.9	20.7	81.0	19.904	17.4	0.0	15.4	15.4	5.7
27	15.4	22.0	19.2	90.8	20.207	17.7	0.0	0.0	0.0	1.9
28	15.0	25.2	21.1	78.2	19.403	17.0	0.0	0.0	0.0	9.4
29	15.0	26.0	21.2	76.0	19.199	16.8	0.0	0.0	0.0	10.0
30	14.2	25.6	21.3	69.4	17.576	15.4	0.0	0.0	0.0	11.0
31	16.5	25.5	21.3	73.4	18.577	16.3	0.0	0.0	0.0	7.2
PROM.	16.1	24.4	20.3	85.1	20.327	17.7	12.3	244.0	256.3	144.6

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	20.2	19.1	88.9	19.628	17.2	0.7	0.0	0.7	0.0
2	14.5	24.8	20.5	80.0	19.469	17.0	0.0	0.0	0.0	8.2
3	16.0	26.0	21.0	81.9	20.658	18.0	0.4	0.0	0.4	5.4
4	16.1	25.0	20.2	89.6	21.176	18.3	1.8	21.9	23.7	3.5
5	16.2	22.5	19.4	87.1	19.527	17.1	0.0	1.2	1.2	0.3
6	15.7	22.4	19.5	89.0	20.267	17.7	0.6	0.0	0.6	0.3
7	15.2	24.6	20.7	77.2	18.987	16.6	0.0	0.0	0.0	3.4
8	15.8	24.5	20.4	84.8	20.410	17.2	0.0	0.0	0.0	2.2
9	16.8	24.0	19.2	83.6	18.865	16.6	0.0	0.0	0.0	5.5
10	15.2	25.0	20.8	67.2	16.451	14.4	0.0	0.0	0.0	10.0
11	16.4	24.0	20.3	78.3	18.557	16.3	0.0	0.0	0.0	0.0
12	16.2	26.0	21.3	77.1	19.800	17.3	0.0	0.0	0.0	8.7
13	17.8	26.5	22.1	78.9	21.138	18.4	0.0	1.3	1.3	1.0
14	17.4	23.5	20.3	89.4	21.366	18.5	0.0	0.0	0.0	0.4
15	17.0	22.4	20.2	88.2	20.711	18.0	0.0	0.0	0.0	1.8
16	16.0	25.0	20.0	79.2	18.824	16.5	0.0	0.0	0.0	2.6
17	14.5	26.0	21.1	69.1	17.249	15.2	0.0	0.4	0.4	9.3
18	16.8	26.2	21.0	77.9	19.316	16.9	0.0	0.0	0.0	3.8
19	16.0	26.0	21.3	68.8	17.395	15.3	0.0	0.0	0.0	8.6
20	16.3	25.7	21.5	61.7	15.381	13.3	0.0	0.0	0.0	2.9
21	14.8	25.8	20.4	68.1	16.454	14.4	0.0	0.0	0.0	10.3
22	17.0	26.0	21.3	74.3	18.805	16.5	0.0	58.0	58.0	4.1
23	15.8	24.5	19.5	84.4	18.963	16.6	0.0	0.0	0.0	1.5
24	16.4	22.5	19.9	86.3	19.995	17.5	0.0	0.0	0.0	3.2
25	17.0	24.0	20.2	81.2	19.225	16.2	0.0	0.0	0.0	4.6
26	15.0	25.0	20.8	67.2	16.326	14.3	0.0	0.0	0.0	8.4
27	13.5	25.5	20.9	52.5	12.036	9.4	0.0	0.0	0.0	10.4
28	13.8	25.7	21.1	56.1	13.636	11.5	0.0	0.0	0.0	8.2
29	15.3	25.3	20.8	61.6	15.064	13.1	0.0	0.0	0.0	2.3
30	16.0	25.6	21.5	66.8	16.829	14.8	0.0	2.3	2.3	5.2
PROM.	15.9	24.7	20.5	76.5	18.417	16.0	3.5	85.1	88.6	136.3

ESTACION: LA TRINIDAD
 ALTITUD: 1.430

MUNICIPIO: LIBANO AÑO: 1.987
 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	
2	16.2	26.8	22.4	65.8	17.528	15.4	0.0	0.0	0.0	10.2
3	15.4	24.0	20.0	85.5	20.257	17.6	1.7	10.8	10.8	3.6
4	16.5	24.8	20.7	81.8	19.925	17.4	7.0	0.0	7.0	1.9
5	15.8	22.4	19.0	83.5	18.472	16.2	0.2	0.0	0.2	0.8
6	14.8	25.5	20.0	62.8	14.425	12.2	0.0	0.0	0.0	8.3
7	13.7	26.6	21.3	61.6	15.212	13.2	0.0	0.0	0.0	10.4
8	15.6	25.8	20.5	77.7	18.561	16.3	0.9	0.0	0.9	4.4
9	16.5	26.8	22.6	67.9	18.300	16.1	0.0	0.0	0.0	4.4
10	16.0	23.4	19.8	81.3	18.567	16.3	0.0	22.0	22.0	1.5
11	16.8	24.6	19.9	75.3	17.444	15.4	0.0	0.0	0.0	2.6
12	16.4	25.6	22.0	65.2	16.829	14.8	0.0	0.0	0.0	6.8
13	16.5	26.6	22.1	60.1	15.541	13.5	0.0	0.7	0.7	9.7
14	16.5	25.0	21.7	70.2	17.786	15.6	0.0	1.2	1.2	6.9
15	16.0	25.6	20.6	70.9	17.273	15.1	0.0	0.0	0.0	7.0
16	15.4	26.0	21.9	59.5	15.023	13.0	0.0	0.0	0.0	5.4
17	17.4	23.7	20.6	76.1	18.371	16.1	0.0	0.0	0.0	1.2
18	17.0	22.9	20.0	84.3	19.592	17.2	1.3	39.5	39.5	0.3
19	16.0	24.0	20.5	76.9	18.479	16.2	0.0	0.4	0.4	4.7
20	17.0	27.0	21.5	59.2	14.748	12.5	0.0	0.0	0.0	10.4
21	16.0	27.0	21.4	63.7	15.680	13.7	0.0	0.0	0.0	7.7
22	15.0	26.8	21.3	72.4	18.317	16.1	0.0	3.3	3.3	8.2
23	17.4	25.0	20.7	80.3	19.521	17.1	0.0	0.0	0.0	2.6
24	15.5	26.5	21.1	75.0	18.442	16.2	0.0	21.0	21.0	5.6
25	17.0	24.0	20.7	80.4	19.677	17.3	0.0	0.0	0.0	3.4
26	17.0	24.8	19.9	88.7	20.584	18.0	0.0	0.2	0.2	2.2
27	16.4	23.4	19.9	85.9	20.139	17.6	0.0	0.0	0.0	1.7
28	16.4	24.0	20.5	86.1	20.759	18.1	12.1	0.1	12.2	3.4
29	15.5	24.2	19.6	86.3	19.512	17.1	0.0	27.0	27.0	3.1
30	15.2	22.1	19.2	92.9	20.330	17.8	0.0	31.0	31.0	3.3
31	17.2	23.4	20.4	87.3	20.828	18.1	0.0	0.0	0.0	1.4
PROM.	16.1	25.0	20.7	75.6	18.221	15.9	23.2	163.2	186.4	147.8

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	
2	16.4	22.8	19.7	84.3	19.631	17.2	4.0	2.0	6.0	1.1
3	17.0	22.0	19.3	93.4	20.839	18.1	3.6	6.0	9.6	0.1
4	15.2	24.2	20.4	80.3	19.160	16.8	0.0	0.6	0.6	9.8
5	17.6	25.0	21.0	80.3	20.227	17.7	0.0	0.2	0.2	6.4
6	15.0	22.8	19.5	82.6	18.824	16.5	4.4	0.0	4.4	1.8
7	15.3	25.0	20.2	77.6	18.728	16.4	0.0	0.0	0.0	9.5
8	16.6	24.5	19.9	89.1	19.896	17.4	0.0	35.0	35.0	1.6
9	16.0	22.8	19.7	86.5	20.235	17.7	0.0	0.0	0.0	3.1
10	16.4	24.8	20.5	84.9	19.398	17.0	0.0	15.0	15.0	1.3
11	15.0	23.5	19.6	83.7	20.166	17.6	0.0	0.0	0.0	6.2
12	17.2	23.6	19.4	87.9	19.934	17.4	0.0	0.0	0.0	6.6
13	14.9	25.0	20.8	63.1	15.355	13.4	0.0	0.0	0.0	3.3
14	15.4	26.5	21.3	60.6	14.972	13.0	0.0	0.0	0.0	7.9
15	16.4	26.0	20.9	67.8	16.855	14.8	0.0	0.0	0.0	9.6
16	16.2	24.6	18.7	93.8	20.737	18.0	0.0	0.0	0.0	7.4
17	15.0	23.2	18.6	79.5	17.193	15.1	0.5	0.0	0.5	2.6
18	15.4	23.0	19.2	79.5	17.700	15.6	0.0	0.0	0.0	3.4
19	15.5	25.0	20.5	68.0	16.279	14.3	0.0	0.0	0.0	2.6
20	15.0	26.4	21.0	67.3	16.837	14.8	0.0	0.0	0.0	5.3
21	15.2	25.4	21.6	66.9	16.900	14.8	0.0	0.0	0.0	8.6
22	16.0	25.6	21.5	64.3	16.282	14.3	0.0	0.0	0.0	8.8
23	14.5	25.5	20.8	60.7	15.114	13.1	0.0	0.0	0.0	9.3
24	14.8	25.5	20.1	63.6	14.788	12.8	0.0	0.0	0.0	6.5
25	16.9	27.0	21.2	58.9	14.217	12.2	0.0	0.0	0.0	7.5
26	16.0	25.0	20.1	67.3	15.502	13.4	0.0	0.1	0.1	7.1
27	15.9	24.8	20.4	75.8	18.003	15.9	0.0	0.0	0.0	4.7
28	15.9	25.4	20.9	75.9	18.875	16.5	0.0	0.0	0.0	3.0
29	16.0	25.6	21.3	76.5	19.044	16.7	0.0	0.0	0.0	5.6
30	18.0	26.0	22.1	67.3	17.520	15.4	0.0	0.0	0.0	4.0
31							0.0	0.0	0.0	5.8
PROM.	15.8	24.6	20.3	76.1	17.979	15.7	12.5	112.9	125.4	160.6

ESTACION: LA TRINIDAD

MUNICIPIO: IBANO

AÑO: 1.987

ALTITUD: 1.430

LATITUD: 4-55 N.

LONGITUD: 75-04 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	25.5	20.8	66.3	16.242	14.1	0.0	0.0	0.0	3.4
2	14.8	26.0	21.5	73.3	18.858	16.5	0.0	0.0	0.0	5.1
3	17.5	24.0	18.6	88.0	19.254	16.9	8.0	0.0	8.0	0.7
4	16.0	23.5	20.3	85.1	20.214	17.6	0.0	0.0	0.0	2.4
5	16.5	23.0	20.2	90.0	21.269	18.5	0.0	0.0	0.0	0.5
6	17.0	25.5	20.6	75.5	18.328	16.1	0.0	0.1	0.1	5.9
7	16.0	25.0	21.0	77.4	19.206	16.8	0.0	20.0	20.0	4.0
8	17.0	26.6	21.4	71.1	18.095	15.9	0.0	0.0	0.0	2.8
9	17.8	25.0	21.2	78.7	19.767	17.3	0.0	0.0	0.0	3.2
10	16.4	26.5	21.0	65.1	16.132	14.1	0.0	0.0	0.0	7.8
11	15.4	26.0	21.6	63.0	15.751	13.7	0.0	0.0	0.0	8.4
12	17.0	27.5	21.7	65.4	16.743	14.7	0.0	0.0	0.0	9.5
13	16.2	28.0	21.7	65.1	16.532	14.5	0.0	13.7	13.7	6.4
14	16.5	24.0	20.5	78.5	18.736	16.4	0.0	79.4	79.4	3.0
15	16.0	23.0	19.7	80.1	18.173	16.0	0.0	0.4	0.4	4.3
16	16.4	25.0	20.3	81.2	19.275	16.9	0.0	8.2	8.2	6.1
17	16.0	24.0	20.5	79.4	19.165	16.8	0.0	2.5	2.5	4.3
18	16.0	25.0	20.6	80.5	19.713	17.2	0.0	0.0	0.0	8.2
19	15.4	26.0	21.4	77.1	19.696	17.2	0.0	29.8	29.8	6.2
20	15.3	25.5	20.6	76.4	18.617	16.3	0.0	0.3	0.3	3.7
21	15.0	24.6	20.1	80.4	19.162	16.8	0.0	0.0	0.0	3.1
22	16.4	21.8	19.6	76.3	17.386	15.3	0.0	0.0	0.0	3.4
23	16.8	23.0	19.2	86.6	19.322	17.0	0.0	0.0	0.0	1.0
24	16.7	24.2	20.5	79.9	19.015	16.7	0.0	17.0	17.0	3.2
25	16.8	23.6	19.3	86.1	19.484	17.1	0.0	0.0	0.0	0.0
26	15.4	23.0	19.4	84.0	19.043	16.7	0.0	0.0	0.0	1.1
27	16.0	25.6	20.8	79.6	19.551	17.0	0.0	0.0	0.0	4.9
28	17.0	25.8	21.4	78.4	20.145	17.6	0.0	15.8	15.8	2.1
29	17.0	24.0	19.6	86.1	19.827	17.3	2.0	2.5	4.5	2.6
30	16.4	20.4	18.0	92.8	19.174	16.8	1.9	0.0	1.9	0.0
PROM.	16.3	24.7	20.4	78.2	18.729	16.4	11.9	189.7	201.6	117.3

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	14.5	24.5	19.8	78.5	17.903	15.7	0.0	0.4	0.4	3.3
2	16.6	23.0	19.4	88.8	20.180	17.6	8.2	0.4	8.6	1.0
3	16.4	23.2	19.5	90.0	20.623	18.0	0.5	6.3	6.8	0.3
4	15.4	23.0	19.1	93.9	20.662	18.0	1.0	0.0	1.0	0.6
5	16.0	22.4	18.8	86.6	19.140	16.7	0.1	0.1	0.2	0.8
6	16.8	23.2	20.6	84.1	20.516	17.9	3.8	0.0	3.8	3.3
7	17.4	22.5	19.2	88.3	19.861	17.4	8.2	3.7	11.9	1.1
8	17.8	23.0	19.8	89.8	20.839	18.1	1.6	3.7	5.3	0.4
9	16.0	20.0	17.6	94.6	19.089	16.7	24.9	0.0	24.9	0.3
10	16.2	23.0	19.4	81.7	18.423	16.2	0.0	0.7	0.7	2.5
11	17.0	22.8	19.4	85.8	19.430	17.0	4.7	0.0	4.7	0.0
12	15.5	25.2	21.0	81.6	20.536	17.8	0.0	4.4	4.4	4.0
13	16.0	26.0	20.6	85.1	20.908	18.1	0.0	1.3	1.3	3.4
14	16.4	21.6	19.2	90.5	20.099	17.5	0.2	0.0	0.2	0.2
15	16.0	23.0	20.3	85.5	20.367	17.8	0.0	24.3	24.3	1.5
16	17.0	22.4	20.0	87.8	20.489	17.8	0.5	4.2	4.7	0.3
17	16.5	20.8	18.7	88.2	19.067	16.7	4.9	3.2	8.1	0.0
18	16.4	22.0	17.8	92.8	18.861	16.5	28.9	0.0	28.9	0.0
19	15.0	24.0	19.3	90.6	20.425	17.8	11.5	0.0	11.5	1.8
20	16.0	25.0	20.7	80.1	19.821	17.3	0.0	0.0	0.0	4.8
21	17.0	24.6	20.6	85.8	20.708	18.0	0.0	14.2	14.2	6.1
22	16.0	23.4	19.9	80.4	18.397	16.0	0.0	1.0	1.0	5.3
23	17.0	22.0	18.9	91.5	20.275	17.7	0.2	0.2	0.4	1.3
24	17.0	24.0	20.3	85.7	20.432	17.8	0.0	19.4	19.4	3.7
25	16.5	23.0	19.7	90.3	20.945	18.2	0.1	11.4	11.5	0.0
26	17.0	24.5	20.5	87.0	21.089	18.4	0.0	8.2	8.2	5.6
27	17.0	24.5	19.9	87.1	20.410	17.8	0.7	37.8	38.5	2.5
28	15.8	18.5	17.1	89.1	17.419	15.3	7.2	0.0	7.2	0.0
29	16.4	22.0	19.2	86.9	19.587	17.2	0.3	1.2	1.5	0.3
30	16.0	23.6	18.9	83.5	18.494	16.2	1.3	0.0	1.3	2.8
31	15.0	25.0	20.1	80.8	19.128	16.8	0.0	11.8	11.8	2.0
PROM.	16.3	23.1	19.5	86.9	19.810	17.3	108.8	157.9	266.7	59.2

ESTACION: LA TRINIDAD

ALTITUD: 1.430

MUNICIPIO: LIBANO

AÑO: 1.987

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	16.0	23.2	19.1	74.9	16.480	14.5	0.0	0.4	0.4	2.6
2	16.4	25.0	19.7	83.0	19.072	16.7	0.0	0.4	0.4	2.8
3	17.0	23.8	19.4	83.0	18.854	16.5	1.9	0.0	1.9	3.0
4	15.2	24.2	19.5	89.4	20.529	17.9	2.3	0.0	2.3	2.5
5	15.5	23.0	20.4	87.0	21.019	18.3	0.0	0.0	0.0	5.5
6	16.0	23.8	20.1	85.1	20.092	17.5	0.0	0.0	0.0	6.5
7	16.4	25.0	21.0	76.3	19.542	17.5	0.0	0.0	0.0	8.8
8	15.0	24.6	20.8	76.5	19.159	16.6	0.0	0.0	0.0	9.2
9	16.8	25.5	21.4	75.2	19.613	17.0	0.0	0.0	0.0	8.6
10	15.4	25.0	21.3	82.4	21.172	18.3	0.0	0.0	0.0	6.4
11	16.0	24.8	20.6	83.3	20.536	17.5	0.0	0.0	0.0	7.2
12	16.2	25.0	21.0	81.4	20.408	17.8	0.0	2.2	2.2	8.6
13	17.0	24.8	20.4	85.7	20.702	18.1	2.5	0.0	2.5	3.3
14	16.5	25.4	21.3	80.1	20.457	17.8	0.0	1.6	1.6	5.3
15	17.0	25.0	20.6	84.1	20.357	17.8	0.0	0.2	0.2	7.2
16	16.6	25.2	20.8	82.5	20.309	17.7	0.0	0.0	0.0	3.8
17	16.4	26.8	21.3	81.8	20.791	18.0	0.0	0.3	0.3	4.4
18	16.8	25.8	20.9	85.3	21.135	18.3	0.0	0.0	0.0	4.2
19	17.1	23.0	20.2	88.6	21.034	18.3	0.1	0.0	0.1	3.5
20	17.0	23.8	20.2	86.8	20.742	18.0	0.0	0.0	0.0	0.1
21	16.4	21.0	18.5	88.0	18.918	16.6	4.8	8.1	8.1	0.1
22	16.5	24.2	19.4	80.8	18.204	16.0	2.8	0.0	4.8	0.1
23	14.6	23.0	19.1	93.3	20.784	18.0	0.0	0.2	3.0	1.3
24	17.4	24.5	20.8	82.3	20.517	17.8	0.0	0.0	0.0	2.7
25	17.5	21.0	18.2	94.2	19.832	17.4	0.0	4.5	4.5	3.0
26	16.6	24.2	19.5	94.1	21.129	18.3	3.1	0.0	3.1	0.0
27	16.5	23.0	18.7	96.5	21.085	18.3	1.8	8.2	10.0	1.5
28	16.0	22.6	19.6	92.6	21.199	18.4	11.2	0.0	11.2	0.4
29	17.0	24.8	20.3	88.2	20.950	18.2	0.0	0.0	0.0	1.3
30	16.0	22.5	17.4	92.8	18.609	16.3	0.0	0.2	0.2	2.4
PROM.	16.4	24.1	20.1	85.2	20.108	17.5	42.1	26.3	68.4	116.5

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	23.5	19.0	87.3	19.449	17.1	0.1	0.0	0.1	2.0
2	15.0	22.5	19.2	89.0	19.858	17.3	0.0	0.0	0.0	0.8
3	16.8	24.0	20.7	87.5	21.218	18.4	0.0	3.5	3.5	2.6
4	14.5	24.5	19.7	86.8	19.636	17.1	0.4	39.0	39.4	2.9
5	16.0	24.0	19.5	83.3	19.183	16.8	0.2	4.4	4.6	4.8
6	14.0	23.6	19.9	82.9	19.337	16.9	0.0	1.9	1.9	5.3
7	17.5	21.6	18.7	93.1	20.403	17.6	5.2	0.1	5.3	1.0
8	17.0	23.0	20.1	85.7	20.519	17.5	0.0	0.0	0.0	6.6
9	16.0	25.0	20.2	81.2	19.547	17.1	0.0	0.0	0.0	6.9
10	16.7	22.5	18.0	92.5	19.300	16.9	10.9	0.0	10.9	4.5
11	15.7	24.0	20.2	84.2	20.066	17.5	0.0	0.8	0.8	5.4
12	15.0	23.4	20.4	86.7	20.872	18.1	0.0	0.0	0.0	4.3
13	17.8	24.0	20.4	88.9	21.421	18.6	0.1	0.2	0.3	3.0
14	15.0	24.2	20.5	79.1	19.377	16.9	0.0	0.0	0.0	6.2
15	14.8	24.3	20.1	82.9	19.521	17.0	0.0	0.0	0.0	6.5
16	15.4	26.5	20.3	75.5	17.905	15.7	0.0	0.0	0.0	7.1
17	13.8	25.5	19.8	78.4	18.486	16.1	0.0	0.0	0.0	9.6
18	14.0	25.0	20.9	72.8	17.949	15.7	0.0	0.0	0.0	7.2
19	16.4	24.8	21.1	84.9	21.127	18.3	0.0	0.0	0.0	2.0
20	18.0	24.0	20.7	81.8	20.180	17.4	0.0	0.0	0.0	1.9
21	14.0	26.5	20.9	56.8	13.720	11.1	0.0	0.0	0.0	9.0
22	14.0	26.4	21.3	63.4	16.024	13.9	0.0	0.0	0.0	8.9
23	15.6	27.0	20.9	75.7	19.152	16.7	0.0	0.0	0.0	8.1
24	15.0	26.4	21.5	73.7	18.560	16.1	0.0	0.0	0.0	9.7
25	15.2	26.7	21.0	73.2	18.327	16.1	0.0	0.0	0.0	8.5
26	16.5	24.6	20.4	86.8	20.883	18.2	0.0	0.0	0.0	5.4
27	14.6	25.3	19.9	75.3	17.546	15.4	0.0	0.0	0.0	7.8
28	16.2	23.8	20.0	85.4	19.979	17.4	0.0	20.2	20.2	4.1
29	16.4	23.7	20.5	87.3	20.846	18.1	14.1	5.4	19.5	1.5
30	16.8	23.5	19.6	85.1	19.448	17.0	0.3	34.1	34.4	3.8
31	16.0	20.2	20.2	90.8	21.430	18.6	0.2	0.0	0.2	3.3
PROM.	15.7	24.4	20.2	81.9	19.396	16.9	31.5	109.9	141.4	160.2

ESTACION: LA TRINIDAD

MUNICIPIO LIBANO

AÑO 1.987

ALTITUD: 1.430

LATITUD: 4-55 N.

LONGITUD 75-04 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	15.9	25.3	20.3	14.0	27.8	79.6	18.823	16.5	43.2	9	179.3
FEBRERO	16.0	26.2	20.9	13.0	29.4	75.2	18.409	16.1	90.6	10	170.4
MARZO	16.4	25.5	20.7	14.0	29.5	79.2	19.245	16.8	111.2	16	91.9
ABRIL	16.4	24.6	20.4	15.0	28.0	84.8	20.342	17.7	189.8	16	115.0
MAYO	16.1	24.4	20.3	14.2	26.0	85.1	20.327	17.7	256.3	17	144.6
JUNIO	15.9	24.7	20.5	13.5	26.5	76.5	18.417	16.0	88.6	9	136.3
JULIO	16.1	25.0	20.7	13.7	27.0	75.6	18.221	15.9	186.4	17	147.8
AGOSTO	15.8	24.6	20.3	14.5	27.0	76.1	17.979	15.7	125.4	10	160.6
SEPTIEMBRE	16.3	24.7	20.4	14.8	28.0	78.2	18.729	16.4	201.6	14	117.3
OCTUBRE	16.3	23.1	19.5	14.5	26.0	86.9	19.810	17.3	266.7	30	59.2
NOVIEMBRE	15.4	24.1	20.1	14.6	26.8	85.2	20.108	17.5	68.4	19	116.5
DICIEMBRE	15.7	24.4	20.2	13.8	27.0	81.9	19.396	16.9	141.4	14	160.8
PROMEDIO	16.1	24.7	20.4	14.1	27.4	80.4	19.151	16.7			
TOTAL									1769.6	181	1599.7

ESTACION: CHAPETON

MUNICIPIO: IBAGUE

AÑO: 1.987

ALTITUD: 1.300

LATITUD: 4-27 N.

LONGITUD: 75-16 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa o/g	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	26.6	20.3	83.2	20.173	17.5	0.0	0.0	0.0	0.0
2	14.0	27.0	21.0	86.0	21.699	18.8	0.0	0.0	0.0	8.6
3	14.0	26.9	20.8	87.2	21.786	18.8	0.0	0.0	0.0	2.4
4	13.5	26.8	20.8	79.4	19.879	17.2	0.0	0.0	0.0	8.0
5	13.5	26.6	21.4	83.9	21.317	18.4	0.0	0.0	0.0	5.0
6	16.0	26.4	20.6	84.4	20.422	17.8	2.2	17.1	19.3	8.3
7	17.0	23.5	19.7	93.1	21.796	18.8	9.4	0.0	9.4	1.2
8	16.6	22.4	19.8	93.7	21.524	18.7	0.0	0.0	0.0	0.9
9	16.6	24.5	20.5	93.3	22.311	19.2	0.0	0.2	0.2	2.6
10	16.8	26.4	21.0	81.3	19.926	17.4	0.0	1.2	1.2	5.9
11	17.0	26.0	21.1	82.4	20.586	17.9	0.0	0.0	0.0	6.0
12	16.6	25.9	20.3	82.7	19.811	17.4	0.0	0.0	0.0	9.1
13	14.0	27.4	20.0	78.1	17.830	15.7	0.0	0.0	0.0	9.6
14	14.4	27.0	20.3	80.6	19.099	16.8	0.0	0.0	0.0	8.7
15	15.0	27.5	21.5	75.5	18.661	16.4	0.0	0.0	0.0	9.0
16	15.0	27.6	21.5	76.2	18.802	16.5	0.0	0.0	0.0	8.6
17	15.0	27.8	21.7	76.3	19.205	16.8	0.0	0.0	0.0	7.9
18	16.0	29.0	21.5	69.2	17.635	15.4	0.0	0.0	0.0	7.1
19	15.0	25.6	20.5	79.0	18.849	16.5	0.4	0.4	0.8	0.8
20	15.5	27.5	21.5	73.6	18.688	16.3	0.0	0.0	0.0	7.0
21	15.4	25.0	20.6	85.3	20.255	17.6	0.0	0.0	0.0	2.2
22	15.0	25.5	20.6	87.9	21.013	18.2	0.0	0.0	0.0	2.4
23	15.0	23.6	19.6	90.0	20.276	17.7	0.0	0.0	0.0	7.6
24	14.6	26.5	20.7	88.6	21.264	18.3	0.0	0.0	0.0	0.0
25	14.0	27.6	21.6	80.5	20.018	17.4	0.0	0.0	0.0	6.8
26	14.4	27.6	20.6	85.6	20.816	18.1	4.9	5.5	10.4	7.3
27	15.4	26.0	19.1	95.3	20.984	18.2	11.2	28.8	40.0	3.5
28	17.5	26.5	21.6	83.8	21.263	18.4	0.0	0.0	0.0	6.9
29	17.0	26.5	19.7	95.2	21.646	18.7	1.4	0.0	1.4	5.2
30	15.6	26.5	20.5	90.2	21.755	18.8	0.0	0.0	0.0	5.0
31	18.0	27.2	21.7	87.7	22.609	19.4	2.2	1.9	4.1	3.8
PROM.	15.5	26.4	20.7	84.2	20.384	17.7	31.7	55.1	86.8	168.0

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa o/g	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	27.0	22.0	87.8	23.228	19.9	0.0	0.0	0.0	5.2
2	15.0	27.0	21.7	74.6	18.370	16.0	0.0	0.3	0.3	8.3
3	18.0	26.5	23.4	74.1	20.456	17.9	0.0	0.0	0.0	5.8
4	16.0	26.0	21.6	78.9	20.062	17.5	0.0	0.1	0.1	8.2
5	16.3	25.0	21.6	74.4	18.485	16.1	0.0	0.0	0.0	8.8
6	16.8	24.8	21.4	74.8	18.521	16.2	0.0	0.0	0.0	8.3
7	18.0	26.0	22.0	67.3	17.055	14.9	0.0	0.0	0.0	9.7
8	15.6	26.1	21.8	79.0	19.701	17.2	0.0	1.0	1.0	4.7
9	17.0	25.0	20.7	88.8	21.503	18.6	0.0	6.3	6.3	2.8
10	17.0	23.3	19.0	92.2	20.413	17.8	17.3	11.8	29.1	6.4
11	16.6	27.5	21.6	77.4	19.667	17.2	9.1	0.4	9.5	0.4
12	16.8	24.0	20.3	87.1	20.375	17.7	0.0	7.5	7.5	2.8
13	14.6	21.7	17.9	97.6	19.788	17.2	1.5	0.0	1.5	2.8
14	14.0	26.3	21.6	75.1	18.470	16.2	3.0	0.0	3.0	0.5
15	16.5	27.5	21.3	80.6	19.930	17.4	0.0	0.0	0.0	8.4
16	18.0	27.5	21.8	79.5	20.171	17.5	0.0	3.3	3.3	6.9
17	16.8	26.6	20.3	86.3	20.707	18.0	0.0	0.0	0.0	3.8
18	16.8	26.6	21.1	86.0	21.418	18.6	5.4	0.0	5.4	1.6
19	16.5	28.0	21.3	83.3	20.833	18.1	0.0	0.9	0.9	7.4
20	16.0	29.0	20.0	81.0	18.799	16.5	0.0	0.0	0.0	7.2
21	15.5	27.7	21.7	80.6	20.451	17.8	0.0	1.4	1.4	9.2
22	18.5	28.2	21.9	76.8	20.124	17.6	0.0	0.0	0.0	7.5
23	15.5	29.4	21.9	69.4	17.747	15.5	0.0	0.0	0.0	6.5
24	15.6	26.6	20.3	81.3	19.284	16.8	0.0	0.0	0.0	6.1
25	15.5	29.8	23.9	69.6	20.056	17.5	0.0	0.0	0.0	1.8
26	16.5	29.5	22.2	80.9	21.410	18.6	0.0	0.0	0.0	8.4
27	15.5	27.6	22.3	77.2	19.694	17.0	0.0	0.0	0.0	6.9
28	15.5	27.6	22.3	77.2	19.694	17.0	0.0	0.0	0.0	5.4
PROM.	16.4	26.6	21.3	80.4	19.878	17.3	36.3	33.0	69.3	160.6

ESTACION: CHAPETON

MUNICIPIO: IBAGUE

AÑO: 1.987

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	14.6	29.0	21.9	74.8	19.578	16.9	0.0	0.0	0.0	4.8
2	16.8	29.4	22.0	76.3	19.945	17.4	0.0	0.0	0.0	7.8
3	16.7	28.6	22.3	81.6	21.819	18.9	0.0	3.0	3.0	5.9
4	18.0	25.5	20.8	95.4	23.479	20.0	4.2	0.0	4.2	0.0
5	17.0	23.3	20.5	96.6	23.500	20.1	1.3	18.8	20.1	2.9
6	17.5	26.5	21.1	88.0	21.867	18.9	1.1	0.3	1.4	5.0
7	17.0	24.0	21.5	88.8	22.647	19.3	0.3	0.6	0.9	3.4
8	17.5	25.5	21.0	91.2	22.718	19.5	7.0	0.0	7.0	2.6
9	16.5	25.0	21.1	91.3	22.527	19.3	0.0	0.0	0.0	3.9
10	15.0	27.5	20.7	81.1	20.160	17.4	0.0	0.0	0.0	5.1
11	17.0	25.0	20.0	94.2	22.189	19.0	0.0	0.0	0.0	2.9
12	15.0	27.5	20.5	93.5	22.534	19.3	0.4	29.8	30.2	
13	17.5	25.0	19.8	94.4	22.214	19.1	6.4	0.0	6.4	7.6
14	16.3	25.5	20.3	89.4	21.271	18.4	0.5	0.0	0.5	5.6
15	16.8	25.4	19.5	92.1	20.536	17.9	4.2	2.5	6.7	9.4
16	17.5	22.5	19.8	91.9	21.314	18.5	3.5	0.9	4.4	6.9
17	16.6	26.8	21.0	84.0	21.349	18.4	0.0	0.6	0.6	
18	17.4	28.3	21.8	80.5	20.988	18.3	0.0	0.0	0.0	8.3
19	14.6	30.0	24.5	70.8	21.397	18.3	0.0	0.0	0.0	
20	16.6	28.9	23.4	67.4	19.371	16.9	0.0	2.8	2.8	
21	18.0	27.7	22.7	80.0	21.579	18.7	0.0	0.0	0.0	
22	18.5	28.8	22.9	74.7	20.708	18.1	0.0	0.0	0.0	
23	16.6	21.0	19.4	94.0	20.978	18.2	0.0	0.0	0.0	
24	17.0	24.0	20.2	82.5	19.250	16.9	0.0	0.0	0.0	4.7
25	15.4	26.0	21.4	79.7	20.046	17.5	0.0	0.0	0.0	9.7
26	18.0	27.8	22.1	78.2	20.485	17.8	0.0	0.0	0.0	8.5
27	18.0	27.0	22.3	79.4	20.921	18.2	0.0	0.0	0.0	6.9
28	16.8	26.0	22.1	81.7	21.392	18.5	0.0	0.0	0.0	0.0
29	18.4	26.5	22.1	83.8	22.266	19.2	0.0	0.0	0.0	4.8
30	18.4	22.0	20.9	92.8	22.829	19.6	4.4	0.5	4.9	7.5
31	17.0	22.0	20.8	96.9	23.827	20.3	0.0	0.0	0.0	
PROM.	16.9	26.1	21.3	85.4	21.474	18.5	33.3	59.8	93.1	

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							0.0	0.0	0.0	
2							0.0	0.0	0.0	
3							0.8	0.0	0.8	
4							0.0	0.8	0.8	
5							0.0	4.1	4.1	5.3
6							0.0	0.0	0.0	
7							0.0	0.0	0.0	5.6
8							0.0	0.0	0.0	1.1
9							0.0	0.0	0.0	7.9
10							0.0	0.0	0.0	1.4
11							0.0	0.0	0.0	2.8
12							0.0	0.0	0.0	9.3
13							0.0	0.0	0.0	4.2
14							0.3	0.0	0.3	9.8
15										
16										9.2
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
PROM										

ESTACION: CHAPETON
 ALTITUD: 1.300

MUNICIPIO: IBAGUE

AÑO: 1.987

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	
2							0.0	0.0	0.0	3.4
3							0.0	23.9	23.9	9.2
4							16.7	0.0	16.7	2.7
5							0.9	2.0	2.9	1.5
6							0.4	0.0	0.4	2.6
7							0.0	44.4	44.4	7.4
8							0.0	0.4	0.4	6.4
9							0.4	0.0	0.4	0.3
10							0.0	0.0	0.0	2.4
11							0.0	0.0	0.0	7.0
12							0.0	1.1	1.1	8.4
13							0.0	0.0	0.0	8.7
14							0.2	0.0	0.2	8.7
15							0.0	12.6	12.6	5.1
16							0.0	0.0	0.0	6.8
17							0.0	1.1	1.1	9.2
18							0.0	0.0	0.0	6.4
19							0.0	0.0	0.0	7.6
20							0.0	0.5	0.5	8.2
21							0.0	0.5	0.5	6.1
22							0.0	0.0	0.0	7.4
23							0.0	0.0	0.0	2.7
24							0.5	0.0	0.5	0.1
25							0.0	0.6	0.6	8.0
26							10.3	0.0	10.3	0.0
27							0.0	0.0	0.0	3.1
28							0.0	0.0	0.0	8.0
29							0.0	0.4	0.4	4.2
30							0.0	3.2	3.2	5.5
31							1.5	0.0	1.5	0.1
PROM.							30.9	90.7	121.6	157.2

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	
2							0.5	18.4	18.9	5.8
3							1.4	2.8	4.2	0.1
4							0.0	1.9	1.9	3.1
5							0.1	0.3	0.4	2.5
6							5.3	0.0	5.3	2.6
7							10.2	13.4	23.6	1.5
8							13.1	0.0	13.1	4.1
9							2.4	1.7	4.1	9.5
10							0.0	0.0	0.0	
11							0.0	0.0	0.0	
12							0.0	0.0	0.0	
13							0.0	0.0	0.0	
14							0.0	0.0	0.0	
15							0.0	0.0	0.0	1.5
16							0.0	0.0	0.0	2.4
17							0.0	0.0	0.0	2.9
18							1.3	0.0	1.3	0.1
19							0.0	0.0	0.0	0.1
20							0.0	0.0	0.0	3.5
21							2.0	0.0	2.0	3.5
22							0.0	1.3	1.3	2.8
23							0.0	13.8	13.8	5.0
24							1.3	0.0	1.3	
25							0.0	0.0	0.0	1.8
26							10.7	5.1	15.8	2.4
27							0.0	0.0	0.0	3.7
28							0.0	41.8	41.8	5.4
29							6.6	0.1	6.7	0.0
30							0.8	0.0	0.8	6.1
31							0.0	0.0	0.0	5.6
PROM.							63.1	103.1	166.2	3.1

ESTACION: CHAPETON

MUNICIPIO: IBAGUE

ANO:

1-987

ALTITUD: 1.300

LATITUD: 4-27 N.

LONGITUD: 75-16 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1							0.0	0.4	0.4	4.2
2							1.1	0.2	1.3	2.0
3							0.0	2.7	2.7	0.0
4							6.5	0.0	6.5	1.6
5							44.8	0.2	45.0	6.6
6							0.0	0.0	0.0	4.3
7							0.0	0.0	0.0	7.4
8							0.0	0.0	0.0	7.5
9							0.0	0.0	0.0	8.4
10							0.0	0.0	0.0	5.1
11							0.0	0.0	0.0	4.2
12							0.0	2.7	2.7	7.9
13							0.7	0.0	0.7	3.8
14							2.0	47.7	49.7	5.9
15							0.0	0.0	0.0	5.7
16							0.2	1.1	1.3	1.8
17							0.0	0.0	0.0	5.1
18							1.9	61.0	62.9	3.2
19							0.0	0.0	0.0	1.1
20							0.9	4.6	5.5	0.1
21							1.9	0.0	1.9	0.4
22							0.2	1.7	1.9	
23							0.0	0.0	0.0	6.8
24							0.0	0.0	0.0	6.6
25							0.1	0.0	0.1	3.2
26							0.0	0.0	0.0	
27							0.1	0.0	0.1	3.2
28							0.0	0.4	0.4	2.1
29							3.1	0.0	3.1	3.2
30							8.4	0.0	8.4	0.1
PROM.							71.9	122.7	194.6	

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							22.3	6.4	28.7	2.0
2							8.2	0.0	8.2	0.2
3							0.0	15.0	15.0	8.0
4							19.0	0.0	19.0	5.6
5							2.9	2.2	5.1	3.9
6							0.0	3.6	3.6	1.5
7							0.0	0.0	0.0	0.3
8							0.0	0.0	0.0	5.5
9							0.0	0.0	0.0	7.4
10							0.1	0.0	0.1	3.5
11							0.0	4.6	4.6	3.6
12							0.4	2.8	3.2	2.3
13							0.0	0.0	0.0	2.1
14							0.0	0.0	0.0	4.0
15							0.0	0.0	0.0	6.4
16							0.0	0.0	0.0	7.0
17							0.0	0.0	0.0	7.8
18							0.0	0.0	0.0	7.8
19							0.0	0.0	0.0	1.1
20							0.0	0.0	0.0	1.2
21							0.0	0.0	0.0	9.3
22							0.0	0.0	0.0	8.8
23							0.0	0.0	0.0	8.3
24							0.0	0.0	0.0	8.3
25							0.0	0.2	0.2	6.6
26							0.0	0.0	0.0	8.3
27							0.0	0.0	0.0	9.3
28							0.0	0.0	0.0	6.0
29							0.0	0.0	0.0	7.2
30							0.0	11.8	11.8	7.2
31							2.1	0.0	2.1	9.2
PROM.							55.0	46.6	101.6	171.2

ESTACION: LUIS BUSTAMANTE

MUNICIPIO: VILLARRICA

AÑO: 1.987

ALTITUD: 1.610

LATITUD: 3-56 N.

LONGITUD: 74-36 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.3	22.1	18.4	77.3	16.510	14.4	0.5	0.0	0.5	0.9
2	15.0	22.3	19.3	83.5	18.669	16.3	0.0	0.0	0.0	2.2
3	15.6	21.4	19.4	82.9	18.374	16.1	0.0	0.0	0.0	1.3
4	16.0	24.0	20.7	73.7	17.458	15.2	0.0	0.0	0.0	0.0
5	16.7	22.2	18.8	89.8	19.387	17.0	0.5	0.3	0.8	0.4
6	15.4	23.4	19.9	83.7	19.453	17.0	3.0	0.0	3.0	1.3
7	15.5	21.0	18.3	88.0	18.781	16.5	49.6	33.8	83.4	0.0
8	15.3	21.2	17.5	94.2	18.504	16.3	4.8	4.3	9.1	0.5
9	16.4	20.0	18.0	91.2	18.648	16.4	5.6	0.0	5.6	0.1
10	15.0	22.5	19.3	78.3	17.520	15.3	6.0	0.0	6.0	4.1
11	14.5	22.0	19.6	86.6	19.247	16.2	0.0	0.0	0.0	2.7
12	14.5	24.9	19.1	67.9	15.422	13.3	0.0	0.0	0.0	4.0
13	15.5	25.0	20.0	65.8	15.520	13.3	0.0	0.0	0.0	4.9
14	16.4	23.8	19.8	66.9	15.658	13.6	0.0	0.0	0.0	4.9
15	15.5	23.8	19.3	76.4	17.446	15.2	0.0	0.0	0.0	4.1
16	16.3	26.2	21.0	70.9	17.753	15.2	0.0	0.0	0.0	5.6
17	16.4	23.8	19.9	73.9	17.041	14.9	0.0	0.0	0.0	4.4
18	16.3	23.3	21.3	77.0	18.829	16.5	3.6	0.0	3.6	4.8
19	17.3	22.2	19.0	81.4	18.183	16.5	0.3	0.0	0.3	0.1
20	16.5	24.2	19.7	68.8	16.069	14.0	1.0	0.0	1.0	4.9
21	16.3	23.0	20.0	73.2	17.320	15.2	3.0	0.0	3.0	2.3
22	16.3	21.8	18.5	81.2	17.629	15.4	15.3	0.0	15.3	1.7
23	16.5	22.3	18.5	86.2	18.650	16.4	6.8	0.0	6.8	1.9
24	16.4	23.4	19.4	83.3	18.599	16.3	0.0	0.0	0.0	3.9
25	14.8	25.0	19.6	75.5	16.890	14.8	0.0	0.0	0.0	4.3
26	16.8	24.3	19.3	71.6	16.317	14.3	0.4	0.0	0.4	3.7
27	16.4	22.4	19.0	86.4	18.895	16.6	2.4	0.0	2.4	1.9
28	15.3	24.8	19.6	80.3	18.190	16.0	0.0	0.1	0.1	3.7
29	15.4	23.8	19.7	70.3	15.994	13.9	0.0	0.0	0.0	3.9
30	17.4	24.3	19.5	83.0	18.685	16.3	0.0	0.0	0.0	1.8
31	17.4	23.0	19.3	79.1	17.734	15.6	1.0	0.0	1.0	2.3
PROM.	16.0	23.1	19.4	79.0	17.722	15.5	103.8	38.5	142.3	82.6

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.3	23.8	18.9	83.8	18.321	16.1	0.0	0.0	0.0	3.2
2	16.3	25.2	20.3	71.9	17.071	15.0	0.0	0.5	0.5	4.8
3	17.4	24.0	20.1	71.5	17.077	15.0	0.0	0.0	0.0	4.7
4	17.4	24.4	20.2	71.8	17.183	15.0	0.0	0.0	0.0	3.8
5	17.9	25.3	20.5	74.2	18.357	15.8	0.0	0.0	0.0	4.0
6	17.3	22.3	19.6	79.7	18.159	15.9	0.0	0.0	0.0	1.3
7	16.4	24.5	20.7	74.8	18.125	15.9	0.0	0.0	0.0	2.1
8	17.4	22.3	19.6	84.5	19.145	16.8	0.2	0.0	0.2	0.7
9	16.3	22.3	18.9	88.8	19.359	17.0	0.0	0.0	0.0	1.2
10	16.4	19.5	18.2	89.4	18.456	16.2	24.2	0.7	24.9	0.0
11	16.3	20.0	18.1	86.1	18.152	16.0	1.3	0.7	2.0	0.1
12	17.3	23.0	19.3	73.4	16.657	14.5	3.0	0.2	3.5	1.2
13	16.3	23.0	19.0	83.3	18.367	16.1	4.8	0.0	3.0	0.9
14	16.4	18.6	17.0	88.2	17.029	15.0	10.6	4.6	9.4	3.3
15	15.4	23.0	19.7	79.6	18.265	15.5	0.0	0.0	0.0	0.0
16	16.4	24.0	21.0	72.8	17.827	15.7	0.0	0.0	0.0	2.3
17	16.4	22.3	19.8	80.7	18.648	16.4	2.3	0.1	2.4	0.4
18	17.5	22.2	19.5	83.4	18.898	16.6	0.6	0.1	0.7	3.2
19	15.5	24.0	19.0	85.0	19.524	16.9	0.6	0.0	0.6	4.7
20	17.0	26.0	20.5	71.1	17.106	15.0	0.0	0.0	0.0	5.9
21	16.0	25.3	20.5	67.0	16.085	14.0	0.0	0.0	0.0	2.0
22	17.4	25.2	21.1	74.1	18.363	16.0	0.0	0.0	0.0	3.6
23	17.0	24.9	20.9	66.5	16.615	14.4	0.0	0.0	0.0	2.1
24	16.8	24.0	20.2	70.3	16.798	14.7	0.0	0.0	0.0	2.3
25	17.8	23.5	19.0	79.9	18.487	16.3	0.0	0.0	0.0	4.4
26	17.6	26.4	22.2	71.5	18.849	16.5	0.0	0.0	0.0	2.4
27	18.6	25.0	21.7	75.7	19.654	17.2	0.0	0.0	0.0	4.4
28	17.0	25.5	21.4	68.6	17.225	15.1	0.0	0.0	0.0	6.6
PROM	16.8	23.6	19.9	77.4	17.993	15.8	47.6	6.2	53.8	73.4

ESTACION: LUIS BUSTAMANTE

MUNICIPIO: VILLARRICA AÑO: 1.987

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	18.0	24.8	20.9	71.7	17.572	15.4	0.0	0.0	0.0	2.0
2	16.8	25.0	21.0	66.3	16.524	14.4	0.4	0.0	0.4	4.4
3	18.6	26.6	20.8	80.0	19.993	17.5	6.4	29.1	35.5	5.4
4	16.7	23.4	19.4	90.8	20.544	17.9	0.0	8.4	8.4	1.7
5	16.0	23.2	18.8	91.9	20.024	17.5	0.8	21.3	22.1	3.6
6	16.9	24.0	18.8	88.5	19.363	16.9	10.2	11.0	21.2	2.2
7	16.5	24.7	20.4	81.6	19.240	16.5	0.2	41.6	41.8	5.5
8	15.8	24.8	20.2	79.9	18.794	16.4	10.6	0.0	10.6	6.9
9	16.0	24.0	19.2	85.2	19.056	16.6	0.2	0.1	0.3	4.0
10	16.0	25.0	19.1	83.9	18.457	16.2	0.0	0.0	0.0	6.5
11	14.8	23.0	18.3	81.8	16.968	14.9	0.0	0.2	0.2	0.5
12	16.4	24.8	19.5	78.4	17.645	15.5	0.6	4.3	4.9	2.6
13	16.7	20.2	18.4	87.2	18.326	16.1	0.4	0.0	0.4	0.2
14	14.9	23.2	18.3	81.9	17.167	14.9	0.6	0.9	1.5	4.5
15	16.4	21.5	18.2	95.7	19.530	17.1	1.4	0.3	1.7	1.0
16	16.8	19.4	16.9	91.5	17.778	15.6	7.3	0.6	7.9	0.0
17	15.5	22.6	18.8	87.1	18.766	16.5	0.5	1.4	1.9	1.1
18	17.0	23.0	19.6	75.7	17.281	15.2	0.2	0.0	0.2	4.4
19	16.4	24.0	20.6	68.7	16.893	14.8	0.0	0.0	0.0	3.3
20	16.8	25.5	20.9	72.3	17.738	15.6	0.0	0.0	0.0	4.7
21	17.4	24.2	20.5	73.2	17.767	15.6	0.0	20.8	20.8	2.6
22	17.5	24.7	20.4	79.0	18.892	16.6	7.3	0.0	7.3	3.0
23	16.3	25.0	20.7	70.9	17.163	15.0	0.0	0.0	0.0	4.4
24	17.0	23.8	19.5	78.4	18.377	16.1	21.4	0.0	21.4	0.8
25	16.0	26.0	19.9	74.0	17.499	15.3	0.0	0.0	0.0	8.2
26	17.8	25.5	20.4	75.3	18.060	15.7	0.0	0.1	0.1	9.0
27	17.5	25.8	21.2	76.8	19.413	16.9	0.0	0.0	0.0	0.9
28	17.5	25.0	20.8	80.4	19.601	17.0	0.0	0.0	0.0	0.0
29	18.4	24.8	21.2	85.2	21.561	18.7	0.0	0.0	0.0	0.6
30	17.0	23.0	19.3	84.1	18.933	16.6	3.6	20.9	24.5	1.3
31	16.7	24.4	19.9	88.2	20.640	17.9	0.3	0.0	0.3	6.6
PROM.	16.7	24.0	19.7	80.8	18.567	16.2	72.4	161.0	233.4	101.9

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	17.4	23.0	19.9	90.0	20.794	18.1	0.8	52.6	53.4	0.5
2	17.5	21.0	17.9	90.6	18.612	16.4	6.2	35.1	41.3	0.0
3	15.9	18.0	16.3	95.6	17.721	15.6	36.6	3.2	39.8	0.0
4	16.0	22.8	19.1	76.5	17.008	14.9	0.5	0.0	0.5	4.7
5	16.1	23.5	20.5	76.7	18.210	15.9	0.0	0.3	0.3	0.0
6	16.8	23.8	19.0	85.1	18.346	16.1	1.7	0.0	1.7	2.1
7	16.7	24.4	20.9	75.2	18.900	16.6	0.0	0.0	0.0	3.7
8	17.0	22.5	19.2	90.1	20.221	17.7	0.0	0.0	0.0	0.1
9	16.4	24.4	19.7	83.5	19.400	17.0	0.0	0.0	0.0	3.7
10	16.0	21.5	18.7	75.4	16.186	14.1	9.3	0.0	9.3	0.5
11	16.1	24.2	19.3	81.8	18.385	16.1	0.3	0.0	0.3	4.8
12	15.8	25.0	19.4	79.0	18.271	15.8	0.0	0.0	0.0	3.2
13	16.5	24.0	20.9	68.7	16.825	14.6	0.0	0.0	0.0	5.0
14	16.4	26.0	20.5	67.6	16.771	14.7	0.0	0.0	0.0	5.5
15	16.8	25.1	21.1	70.2	17.901	15.7	0.0	0.0	0.0	5.0
16	16.7	23.5	20.1	74.0	17.693	15.5	0.0	0.0	0.0	4.4
17	16.6	23.8	20.1	75.5	17.767	15.5	18.6	0.2	18.8	0.1
18	17.0	22.6	19.3	87.3	19.440	17.1	1.0	0.0	1.0	2.1
19	17.0	21.5	18.8	86.6	18.893	16.5	0.0	0.0	0.0	0.2
20	16.8	24.8	20.2	83.3	19.799	17.3	0.0	0.0	0.0	4.5
21	17.6	23.2	20.8	76.5	18.693	16.4	0.0	0.0	0.0	3.0
22	16.8	25.2	20.6	78.2	18.893	16.5	0.0	0.0	0.0	0.6
23	17.6	23.3	20.2	85.3	20.313	17.7	0.0	0.5	0.5	0.5
24	17.5	21.0	18.7	88.7	19.285	16.9	5.0	4.1	9.1	0.0
25	17.0	21.3	18.8	86.9	19.139	16.7	6.5	0.0	6.5	0.0
26	16.6	21.2	18.7	86.4	18.364	16.5	1.6	0.0	1.6	0.1
27	16.5	23.2	19.5	85.1	19.152	16.8	0.2	4.6	4.8	2.4
28	16.4	21.4	18.3	88.4	18.719	16.4	17.7	10.6	28.3	0.5
29	15.4	22.6	19.3	80.0	18.083	15.9	0.0	0.0	0.0	2.3
30	16.0	22.0	19.1	82.4	18.350	16.0	0.0	2.4	2.4	0.2
PROM.	16.6	23.0	19.5	81.7	18.554	16.2	106.0	113.6	219.6	59.9

ESTACION: LUIS BUSTAMANTE
 ALTITUD: 1.610

MUNICIPIO: VILLARRICA AÑO: 1.987
 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	16.3	20.0	16.9	94.2	18.101	15.9	12.1	0.0	12.1	0.0
2	15.3	22.8	19.3	85.0	18.920	16.5	0.4	3.1	3.5	4.3
3	15.0	23.9	19.5	85.9	19.136	16.6	7.0	0.5	7.5	4.1
4	15.6	23.8	19.3	83.1	18.561	16.3	0.0	0.6	0.6	3.1
5	15.7	22.6	17.7	88.5	17.897	15.7	20.5	0.0	20.5	3.6
6	15.3	22.8	19.3	87.4	19.459	17.0	0.7	2.8	3.5	1.6
7	15.5	23.8	18.7	91.5	19.697	17.3	0.2	0.0	0.2	1.7
8	15.8	23.5	19.4	80.3	18.251	16.0	0.4	0.0	0.4	3.9
9	16.7	24.8	20.4	77.1	18.767	16.4	0.0	0.1	0.1	5.2
10	16.9	22.8	18.9	85.6	18.551	16.3	0.0	1.8	1.8	1.8
11	16.0	22.3	19.4	84.8	19.147	16.7	0.0	0.0	0.0	0.5
12	16.7	23.1	19.4	85.2	19.350	17.0	5.1	4.5	9.6	3.0
13	15.8	22.2	18.7	86.4	19.002	16.6	4.3	0.0	4.3	2.4
14	16.6	22.5	18.8	81.8	17.997	15.8	2.4	0.0	2.4	0.5
15	16.0	25.4	20.3	78.1	18.384	16.1	0.0	0.0	0.0	5.0
16	17.0	22.8	19.7	85.5	19.434	17.0	4.8	57.9	62.7	2.3
17	15.7	23.0	19.1	86.5	18.988	16.6	3.3	0.0	3.3	6.7
18	16.2	25.0	19.5	86.4	19.410	17.0	0.4	0.0	0.4	3.5
19	16.4	25.2	20.4	76.6	18.291	16.0	0.1	15.8	15.9	3.7
20	16.8	23.8	19.8	80.1	19.053	16.6	19.3	0.0	19.3	1.7
21	16.7	23.6	19.4	81.3	18.330	16.1	6.8	7.2	14.0	2.4
22	16.0	22.6	19.1	84.5	18.880	16.6	3.0	8.6	11.6	2.9
23	17.0	21.4	19.3	78.2	17.703	15.6	3.2	6.7	9.9	0.1
24	15.6	20.2	18.0	81.7	16.798	14.7	5.9	1.7	7.6	0.0
25	15.8	22.2	18.5	86.0	18.282	16.0	0.1	23.1	23.2	4.1
26	16.4	23.0	19.2	87.8	19.810	17.3	0.0	6.8	6.8	2.8
27	16.5	22.4	18.1	90.6	18.782	16.5	11.4	0.0	11.4	2.0
28	15.7	24.3	20.7	78.3	19.355	17.0	0.0	0.0	0.0	7.8
29	16.6	25.0	20.6	74.7	18.310	15.8	0.0	0.0	0.0	9.3
30	17.0	24.0	21.2	84.8	21.428	18.5	0.0	0.0	0.0	0.0
31	17.7	24.2	20.3	80.0	19.309	16.5	0.0	0.0	0.0	0.0
PROM.	16.2	23.2	19.3	83.8	18.819	16.5	111.4	141.2	252.6	90.6

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	20.0	18.1	93.1	19.176	16.8	1.4	0.0	1.4	1.0
2	15.4	25.0	19.3	79.7	17.963	15.8	0.0	0.0	0.0	5.8
3	16.8	24.8	20.4	78.3	18.972	16.6	0.0	0.0	0.0	5.1
4	17.4	24.0	19.8	78.7	18.533	16.3	0.0	0.0	0.0	2.9
5	16.6	23.2	17.8	91.1	18.403	16.2	0.0	0.0	0.0	2.9
6	16.4	20.5	18.3	84.9	17.715	15.6	28.7	0.0	28.7	1.0
7	16.0	23.8	18.8	83.6	18.125	16.0	5.0	0.0	5.0	4.0
8	17.2	23.0	19.3	89.7	20.320	17.2	0.0	0.0	0.0	2.8
9	17.0	22.3	19.6	84.5	19.525	17.1	0.0	0.0	0.0	2.1
10	16.0	23.2	20.4	80.2	19.268	16.9	0.0	0.0	0.0	3.5
11	17.0	22.2	19.1	89.7	19.880	17.4	9.8	0.0	9.8	0.9
12	16.0	26.3	21.3	72.0	18.184	15.9	0.0	0.0	0.0	5.9
13	17.8	25.0	20.6	79.8	19.538	17.1	0.0	0.0	0.0	4.1
14	18.4	23.2	19.7	81.3	18.974	16.7	1.4	4.5	5.9	1.1
15	16.2	22.8	18.1	92.1	19.156	16.8	15.7	0.0	15.7	1.6
16	16.6	23.5	19.1	84.9	18.890	16.6	0.0	0.0	0.0	3.3
17	16.0	25.4	20.6	81.7	19.951	17.5	0.0	0.0	0.0	5.0
18	16.9	24.5	20.8	75.5	18.972	16.0	4.4	0.0	4.4	2.3
19	15.8	22.6	18.8	82.8	18.275	16.0	4.6	0.0	4.6	3.3
20	16.7	23.6	19.7	83.1	19.303	16.9	0.6	0.0	0.6	2.9
21	17.4	23.2	20.8	76.7	18.755	16.5	0.0	0.0	0.0	1.6
22	17.5	25.0	20.5	76.9	18.921	16.6	0.0	0.0	0.0	3.7
23	17.0	22.8	19.4	88.5	20.263	17.7	0.4	12.4	12.8	1.5
24	16.5	23.5	19.1	92.2	20.546	17.9	2.5	17.2	19.7	1.5
25	16.8	21.8	19.3	85.7	19.409	17.0	2.2	0.0	2.2	0.7
26	16.0	20.2	18.0	90.0	18.660	16.4	22.3	0.0	22.3	4.7
27	14.4	21.8	18.4	78.5	16.628	14.6	1.6	0.0	1.6	0.2
28	15.6	23.8	19.6	71.0	16.279	14.3	0.0	0.0	0.0	4.7
29	16.4	24.6	20.1	73.3	17.607	15.5	0.0	0.0	0.0	0.0
30	15.0	24.2	20.6	74.7	18.197	16.0	0.0	0.0	0.0	5.8
PROM.	16.6	23.3	19.5	82.5	18.813	16.5	100.6	34.1	134.7	85.3

ESTACION: LUIS BUSTAMANTE

MUNICIPIO: VILLARRICA

AÑO:

1.987

ALTITUD: 1.610

LATITUD: 3-56 N.

LONGITUD: 74-36 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	24.4	20.5	78.3	19.467	17.0	0.0	0.0	0.0	4.1
2	16.4	26.8	21.2	72.3	18.505	16.3	0.0	3.1	3.1	6.5
3	16.7	24.6	20.8	77.2	19.030	16.7	0.0	0.0	0.0	3.1
4	17.0	22.7	19.0	84.4	18.916	16.6	6.2	0.9	7.1	0.8
5	15.8	19.5	17.9	92.4	19.220	16.9	19.2	0.0	19.2	0.0
6	15.4	21.6	19.5	78.5	17.493	15.4	0.0	0.0	0.0	1.3
7	16.0	23.5	19.6	75.2	17.040	14.9	0.0	0.0	0.0	2.4
8	16.4	21.6	20.1	75.8	17.937	15.8	2.0	0.0	2.0	1.3
9	17.0	23.6	20.9	78.4	19.641	17.2	0.0	7.5	7.5	2.2
10	16.8	21.4	18.7	93.6	20.155	17.6	1.0	0.0	1.0	0.7
11	16.9	23.4	19.0	83.1	18.369	16.1	0.4	0.0	0.4	1.9
12	16.4	24.4	19.4	81.7	18.780	16.5	3.1	0.0	3.1	2.6
13	17.0	26.0	21.1	73.3	18.572	16.3	0.0	1.0	1.0	8.1
14	16.9	23.0	19.5	79.8	18.297	16.1	0.0	1.0	1.0	1.0
15	17.0	22.5	19.2	86.2	19.249	16.9	1.2	0.0	1.2	2.9
16	16.0	24.0	20.7	73.0	17.792	15.6	0.0	0.0	0.0	4.2
17	17.0	22.8	20.4	81.8	19.711	17.3	1.4	0.0	1.4	0.6
18	17.5	23.0	20.0	80.0	18.733	16.4	1.8	0.6	2.4	1.5
19	15.4	23.5	19.6	86.8	19.141	16.8	0.9	0.0	0.9	3.5
20	16.5	23.6	20.2	73.2	17.529	15.4	0.0	0.0	0.0	4.8
21	16.4	23.8	20.3	73.0	17.355	15.3	5.0	0.0	5.0	4.2
22	16.7	24.8	20.9	76.2	19.189	16.7	0.0	0.0	0.0	0.0
23	16.5	23.5	20.0	80.2	18.812	16.5	0.3	0.0	0.3	6.8
24	17.2	25.8	20.0	82.5	19.200	16.8	0.2	0.1	0.3	2.4
25	16.8	23.8	19.5	86.1	19.224	16.9	0.0	0.0	0.0	4.0
26	17.0	24.0	21.1	81.6	20.110	17.6	4.2	0.1	4.3	2.1
27	16.9	23.2	18.9	84.8	18.457	16.2	4.4	0.2	4.6	0.0
28	15.5	22.8	19.2	83.5	18.790	16.5	0.2	0.0	0.2	2.0
29	16.0	23.2	19.5	84.1	18.782	16.5	19.8	3.1	22.9	2.8
30	16.5	21.7	18.5	91.9	19.543	17.1	0.9	0.0	0.9	0.4
31	16.0	21.8	18.8	81.7	17.682	15.5	0.2	7.3	7.5	0.6
PROM.	16.5	23.4	19.8	81.0	18.733	16.4	72.4	24.9	97.3	79.5

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	20.4	18.6	86.0	18.232	16.0	3.5	0.0	3.5	0.6
2	16.0	21.0	18.2	87.1	18.378	16.1	1.7	0.0	1.7	0.2
3	15.7	21.8	18.1	85.9	17.967	15.7	2.1	0.0	2.1	1.1
4	15.0	25.3	20.5	73.2	17.767	15.6	0.0	0.0	0.0	7.8
5	16.8	23.4	18.6	80.7	17.617	15.3	8.0	0.0	8.0	2.7
6	16.5	21.4	18.7	91.4	19.785	17.3	1.8	0.0	1.8	2.0
7	16.8	24.0	19.4	80.0	18.182	16.0	0.0	1.5	1.5	2.4
8	16.4	23.5	19.9	83.3	19.673	17.2	3.4	0.0	3.4	7.4
9	16.5	24.8	20.4	78.8	18.718	16.4	0.0	8.3	8.3	3.1
10	15.4	23.3	19.2	83.1	18.530	16.3	0.0	0.7	0.7	5.1
11	16.4	25.0	19.4	81.2	18.429	16.2	0.0	1.7	1.7	5.5
12	15.9	23.0	19.8	84.5	19.288	16.9	0.0	0.0	0.0	0.0
13	16.8	23.2	18.9	83.4	18.322	16.1	0.0	0.0	0.0	1.1
14	15.3	22.5	19.3	73.2	16.346	14.3	0.0	0.0	0.0	4.3
15	17.2	25.0	21.5	70.2	17.523	15.4	0.0	0.0	0.0	3.6
16	17.3	26.0	21.5	68.5	17.388	15.3	0.0	0.0	0.0	4.7
17	16.8	20.0	18.2	87.0	18.521	16.2	2.1	0.0	2.1	0.0
18	15.7	23.5	19.8	78.5	17.976	15.8	0.0	0.0	0.0	2.6
19	17.4	23.6	20.0	69.1	16.201	14.2	0.0	0.0	0.0	1.6
20	16.9	22.9	19.6	81.3	18.431	16.2	1.2	0.0	1.2	1.7
21	16.0	24.0	19.1	85.3	18.601	16.4	0.6	0.0	0.6	3.3
22	16.4	22.8	19.4	81.4	18.473	16.3	8.8	0.0	8.8	1.4
23	16.8	24.8	20.5	77.2	18.348	16.2	0.2	0.0	0.2	2.2
24	17.0	23.4	19.8	76.4	17.830	15.7	0.0	0.2	0.2	0.5
25	16.8	23.5	18.9	86.2	18.743	16.5	0.2	0.0	0.2	1.7
26	16.5	25.4	20.4	75.0	17.886	15.7	0.0	0.0	0.0	4.4
27	16.8	22.2	18.6	88.4	18.813	16.5	3.3	0.0	3.3	0.9
28	17.0	26.0	19.4	81.4	18.492	16.2	0.6	0.0	0.6	2.6
29	16.8	25.0	21.1	71.3	17.697	15.4	0.0	0.0	0.0	2.1
30	17.8	24.0	19.7	85.1	19.415	16.9	6.0	0.0	6.0	1.3
31	17.2	22.6	18.3	82.2	17.727	15.5	2.5	0.0	2.5	1.1
PROM	16.5	23.5	19.5	80.5	18.235	16.0	46.0	12.4	58.4	79.4

ESTACION: LUIS BUSTAMANTE

ALTITUD: 1.610

MUNICIPIO: VILLARRICA AÑO: 1.987

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	16.5	23.4	20.3	76.6	18.436	16.2	0.0	0.0	0.0	0.0
2	16.0	25.5	21.1	70.0	17.295	15.2	0.0	0.0	0.0	4.8
3	17.5	22.8	19.6	85.0	19.808	17.3	2.5	0.0	2.5	0.2
4	16.6	20.5	18.4	87.2	18.631	16.4	8.1	0.0	8.1	1.7
5	15.6	23.0	18.3	86.2	18.433	16.2	5.0	0.0	5.0	3.7
6	15.5	22.0	19.0	86.9	19.124	16.8	4.2	23.2	27.4	0.0
7	15.4	22.5	19.7	82.7	19.200	16.8	0.0	0.0	0.0	2.3
8	17.0	23.5	20.0	80.1	18.986	16.7	0.8	0.0	0.8	1.5
9	16.9	22.5	19.6	81.6	19.139	16.8	0.0	0.0	0.0	5.8
10	16.0	25.0	20.3	77.3	18.689	16.4	0.0	0.0	0.0	4.9
11	16.5	24.0	20.6	67.4	16.612	14.5	2.1	0.0	2.1	0.6
12	17.3	26.4	22.2	69.2	18.319	16.1	0.0	0.0	0.0	8.1
13	16.9	27.5	22.1	64.0	17.182	15.0	0.0	0.0	0.0	1.3
14	16.4	24.0	19.9	84.6	19.588	17.1	1.2	34.1	34.1	0.3
15	17.0	22.3	19.9	82.4	19.020	16.7	0.0	0.0	1.2	10.3
16	16.5	24.8	20.6	76.8	18.691	16.4	0.0	0.0	0.0	2.1
17	16.4	24.2	19.4	85.2	19.110	16.8	0.0	1.3	1.3	3.5
18	16.8	25.2	21.0	73.5	18.514	16.2	0.0	0.0	0.0	6.2
19	17.5	25.8	20.2	76.5	18.167	15.9	0.0	0.0	0.0	1.8
20	17.8	23.5	19.1	81.3	18.080	15.8	3.9	0.0	3.9	5.1
21	16.4	24.0	19.5	79.8	18.170	16.0	10.1	0.0	10.1	1.3
22	17.0	20.5	18.8	89.1	19.448	17.0	0.8	0.0	0.8	4.2
23	16.5	20.8	17.7	87.9	17.880	15.7	8.7	0.3	9.0	0.1
24	15.8	22.5	19.9	78.2	18.278	16.1	20.6	0.0	20.6	0.0
25	17.0	21.0	17.9	90.0	18.988	16.6	18.6	0.0	18.6	4.1
26	15.5	24.3	19.6	78.2	17.662	15.5	0.0	0.0	0.0	0.0
27	17.0	25.6	20.6	75.1	18.393	16.1	0.0	0.0	0.0	0.0
28	16.4	24.4	19.6	78.0	17.192	15.1	11.7	0.0	11.7	3.4
29	16.6	24.1	20.8	75.3	18.259	16.0	0.0	2.4	2.4	4.7
30	16.0	20.6	17.6	95.4	19.481	17.1	7.7	0.0	7.7	3.0
PROM.	16.5	23.5	19.8	80.1	18.493	16.2	106.0	61.3	167.3	75.7

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	14.6	24.0	19.0	89.6	19.711	17.3	0.0	15.7	15.7	4.4
2	15.4	21.0	17.9	91.6	18.830	16.5	0.1	1.4	1.5	0.4
3	16.4	22.5	18.0	92.0	18.911	16.6	17.1	0.0	17.1	1.7
4	16.5	23.0	18.8	88.2	19.169	16.8	8.0	0.9	8.9	1.7
5	16.7	22.9	18.6	91.2	19.700	17.2	6.3	0.0	6.3	1.1
6	17.5	21.8	18.8	91.3	19.900	17.4	2.3	0.0	2.3	1.7
7	15.7	23.2	19.4	83.8	18.737	16.4	1.6	0.0	1.6	2.7
8	16.6	22.5	18.1	87.2	18.421	16.1	5.2	0.0	5.2	1.8
9	15.6	19.4	17.1	94.0	18.197	16.0	34.1	0.0	34.1	0.2
10	15.4	21.8	19.2	83.1	17.471	15.2	1.2	0.0	1.2	3.0
11	16.4	24.3	19.1	77.8	18.493	16.2	0.2	0.0	0.2	2.2
12	16.3	24.8	20.5	76.7	17.471	15.2	0.4	0.0	0.4	3.0
13	16.5	25.0	20.4	79.8	18.941	16.5	1.5	0.0	1.5	3.0
14	17.5	22.2	18.7	91.0	19.402	17.0	0.4	9.3	9.7	3.3
15	16.5	23.7	19.7	84.9	19.697	17.2	0.1	0.0	0.1	0.8
16	16.6	22.4	19.9	89.6	19.422	17.0	0.6	1.9	2.5	3.4
17	17.4	23.1	19.3	90.5	20.851	18.1	1.6	0.0	1.6	1.0
18	16.7	21.5	18.5	92.8	20.470	17.8	0.0	0.0	0.0	1.5
19	16.4	22.6	19.0	86.3	20.026	17.5	0.0	0.0	0.0	0.0
20	16.5	22.4	18.4	92.7	20.089	17.6	0.4	0.0	0.4	0.0
21	15.4	23.6	20.0	84.9	19.706	17.3	0.3	14.7	15.1	0.0
22	16.4	23.7	19.9	82.6	19.869	17.3	1.8	0.0	1.8	0.0
23	16.8	24.4	19.4	81.4	19.505	17.1	1.8	7.5	9.3	5.4
24	16.3	24.4	19.4	81.4	18.307	16.1	1.8	0.0	1.8	2.4
25	16.4	22.1	18.6	85.7	18.536	16.3	0.0	0.0	0.0	1.2
26	15.7	21.4	17.6	90.8	18.325	16.4	4.7	0.0	4.7	0.8
27	16.6	23.5	18.7	86.5	18.646	16.4	26.9	0.0	26.9	2.9
28	15.5	23.0	18.8	85.4	18.772	16.4	6.6	5.3	11.9	4.5
29	15.6	22.0	16.8	91.9	17.415	15.3	7.9	5.8	13.7	3.9
30	15.8	20.4	17.6	89.3	18.196	16.0	10.0	0.0	10.0	0.1
31	15.4	21.0	17.5	92.7	18.379	16.2	11.6	0.0	11.6	0.0
PROM.	16.2	22.6	18.8	87.7	19.110	16.7	174.9	91.7	266.6	58.0

ESTACION: LUIS BUSTAMANTE

MUNICIPIO: VILLARRICA AÑO:

1.987

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	15.6	21.0	17.6	94.0	19.283	16.8	7.5	0.0	7.5	1.1
2	15.0	22.2	19.0	93.5	20.757	18.0	0.2	14.9	15.1	4.7
3	16.3	20.8	18.3	92.4	19.565	17.1	0.4	0.0	0.4	0.0
4	16.4	21.0	18.1	88.4	18.657	16.3	1.9	0.0	1.9	2.6
5	14.7	22.2	18.0	81.3	17.036	14.9	2.3	0.0	2.3	2.7
6	16.0	22.7	18.9	79.9	17.501	15.4	0.0	0.0	0.0	1.6
7	15.7	24.5	20.8	71.7	17.558	15.4	0.0	0.0	0.0	7.0
8	16.8	23.1	19.3	74.9	16.907	14.8	0.0	0.0	0.0	0.5
9	15.5	25.8	20.5	70.4	17.016	14.8	0.0	0.0	0.0	5.9
10	17.8	24.5	21.2	72.1	17.946	15.6	0.0	0.0	0.0	1.8
11	17.6	25.0	20.4	72.9	17.406	15.3	0.0	0.0	0.0	2.1
12	16.4	23.8	21.1	75.0	18.786	16.5	0.0	0.0	0.0	1.6
13	17.7	23.6	20.1	74.9	17.633	15.5	14.5	0.0	14.5	1.4
14	16.4	23.7	19.6	78.9	18.064	15.9	0.0	0.0	0.0	1.8
15	16.2	23.4	19.0	86.6	19.066	16.7	4.5	6.7	11.2	2.5
16	16.3	22.4	19.3	84.0	18.909	16.6	0.0	15.6	15.6	3.1
17	16.0	24.0	19.0	89.3	19.652	17.2	0.0	0.0	0.0	2.8
18	16.2	24.4	19.3	83.3	19.100	16.7	1.2	9.9	11.1	3.2
19	15.7	21.7	18.2	93.1	19.335	16.9	0.3	0.5	0.8	1.6
20	16.2	22.4	18.3	93.4	19.795	17.2	3.6	29.2	32.8	1.9
21	15.3	20.0	17.2	94.4	18.620	16.4	0.5	0.0	0.5	0.0
22	15.4	23.0	18.3	91.0	18.927	16.6	1.1	0.0	1.1	4.2
23	14.9	24.4	19.4	84.6	18.854	16.5	2.2	0.0	2.2	3.4
24	16.9	25.7	19.8	83.7	19.592	17.2	0.0	0.0	0.0	6.5
25	16.4	23.7	18.8	87.3	19.232	16.8	0.0	0.0	0.0	0.0
26	16.3	23.4	19.6	86.8	20.050	17.5	0.0	38.1	38.1	5.1
27	15.0	22.4	19.0	91.4	20.433	17.7	0.0	0.5	0.5	0.0
28	16.4	22.8	19.6	90.1	20.874	18.1	1.7	0.6	2.3	2.4
29	16.7	20.0	18.3	93.2	19.653	17.2	5.6	0.1	5.7	0.0
30	16.4	20.6	18.3	89.6	18.892	16.6	0.5	0.0	0.5	0.0
PROM.	16.1	22.9	19.1	84.7	18.837	16.5	48.0	116.1	164.1	71.5

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	15.4	22.0	18.2	92.0	19.200	16.9	2.1	7.1	9.2	1.2
2	15.7	20.4	17.8	91.4	18.718	16.5	2.2	0.0	2.2	0.0
3	16.5	22.3	18.9	86.2	18.977	16.7	0.0	0.0	0.0	1.7
4	16.0	22.4	19.0	85.0	19.004	16.6	0.7	28.6	29.3	3.5
5	16.4	22.6	19.5	92.8	21.113	18.3	0.2	6.1	6.3	2.4
6	15.0	24.0	18.7	83.5	17.965	15.8	5.7	11.5	17.2	2.8
7	16.5	21.7	18.5	89.5	19.199	16.8	13.4	0.4	13.8	0.6
8	15.2	22.3	19.2	82.8	18.684	16.3	0.0	0.0	0.0	2.3
9	15.4	23.4	18.9	77.0	17.000	14.8	0.0	0.0	0.0	3.8
10	16.0	23.3	19.1	80.5	18.007	15.8	2.5	0.0	2.5	1.4
11	15.3	21.4	18.4	89.4	19.002	16.7	0.0	0.0	0.0	1.6
12	16.0	22.4	18.6	84.5	18.211	16.0	0.5	0.2	0.7	0.9
13	16.6	24.1	19.8	84.2	19.752	17.3	0.1	0.0	0.1	2.6
14	16.5	24.3	20.1	71.8	16.931	14.8	0.0	0.0	0.0	2.6
15	15.8	23.2	19.2	75.0	17.302	15.0	0.0	0.0	0.0	3.6
16	15.4	25.2	19.5	71.9	16.536	14.4	0.0	0.0	0.0	6.8
17	15.0	21.3	18.5	84.3	18.223	15.9	0.0	0.0	0.0	1.5
18	14.4	24.6	19.1	72.3	16.196	14.1	0.0	0.0	0.0	0.0
19	16.7	24.3	19.3	84.8	19.315	16.9	0.0	0.0	0.0	4.4
20	16.8	23.2	19.2	83.2	19.066	16.6	0.0	0.0	0.0	0.0
21	15.6	22.8	19.6	77.2	17.495	15.3	0.0	0.0	0.0	4.5
22	16.0	26.8	21.0	64.8	16.347	14.3	0.0	0.0	0.0	7.8
23	17.0	25.4	20.9	69.7	17.338	15.3	0.0	0.0	0.0	1.8
24	16.3	24.7	21.0	70.8	17.530	15.3	0.0	0.0	0.0	3.3
25	16.6	25.3	21.1	80.8	20.385	17.6	0.0	3.9	3.9	3.8
26	16.3	23.6	20.2	80.2	18.916	16.7	0.0	0.0	0.0	2.0
27	15.7	25.0	20.3	79.3	18.953	16.6	0.0	0.0	0.0	3.0
28	16.4	24.0	19.8	82.6	19.251	16.9	3.8	0.0	3.8	2.0
29	17.0	23.2	19.6	83.2	19.243	16.8	0.0	0.0	0.0	1.1
30	16.2	23.0	19.5	81.9	18.940	16.6	0.0	0.4	0.4	2.7
31	16.4	22.9	19.4	91.5	20.478	17.9	0.0	0.0	0.0	1.0
PROM	16.0	23.4	19.4	81.4	18.493	16.2	31.2	58.2	89.4	84.7

ESTACION: LUIS BUSTAMANTE

MUNICIPIO: VILLARRICA

AÑO: 1.987

ALTITUD: 1.610

LATITUD: 3-56 N.

LONGITUD 74-36 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.0	23.1	19.4	14.5	26.2	79.0	17.722	15.5	142.3	17	82.6
FEBRERO	16.8	23.6	19.9	15.3	26.4	77.4	17.993	15.8	53.8	10	73.4
MARZO	16.7	24.0	19.7	14.8	26.6	80.8	18.567	16.2	233.4	22	101.9
ABRIL	16.6	23.0	19.5	15.4	26.0	81.7	18.554	16.2	219.6	17	59.9
MAYO	16.2	23.2	19.3	15.0	25.4	83.8	18.819	16.5	252.6	25	90.6
JUNIO	16.6	23.3	19.5	14.4	26.3	82.5	18.813	16.5	134.7	15	85.3
JULIO	16.5	23.4	19.8	15.4	26.8	81.0	18.733	16.4	97.3	23	79.5
AGOSTO	16.5	23.5	19.5	15.0	26.0	80.5	18.235	16.0	58.4	21	79.4
SEPTIEMBRE	16.5	23.5	19.8	15.4	27.5	80.1	18.493	16.2	167.3	18	75.7
OCTUBRE	16.2	22.6	18.8	14.6	25.0	87.7	19.110	16.7	266.6	28	58.0
NOVIEMBRE	16.1	22.9	19.1	14.7	25.8	84.7	18.837	16.5	164.1	19	71.5
DECIEMBRE	16.0	23.4	19.4	14.4	26.8	81.4	18.493	16.2	89.4	12	84.7
PROMEDIO	16.4	23.3	19.5	14.9	26.2	81.7	18.531	16.2			
TOTAL									1879.5	227	942.5

ESTACION: EL LIMON

MUNICIPIO: CHAPARRAL

AÑO: 1.987

ALTITUD: 990

LATITUD: 3-43 N.

LONGITUD: 75-38 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	28.3	22.5	80.4	21.320	18.3	0.5	2.0	2.5	1.5
2	18.5	31.3	24.0	74.5	21.808	18.9	0.0	0.0	0.0	6.6
3	18.5	32.0	24.1	73.0	21.488	18.6	0.0	0.0	0.0	6.2
4	18.0	31.3	23.4	75.0	21.725	18.2	0.0	0.0	0.0	6.5
5	18.5	29.6	22.6	79.4	21.474	18.6	0.0	0.0	0.0	5.9
6	19.0	30.4	24.0	77.8	23.309	19.9	0.0	54.8	54.8	5.1
7	18.0	23.0	20.7	91.9	22.577	19.4	13.0	11.5	24.5	0.0
8	18.0	26.3	21.8	86.2	22.292	19.2	0.4	3.6	4.0	2.1
9	19.0	27.3	21.6	88.9	22.945	19.7	1.0	15.2	16.2	0.9
10	19.0	30.8	22.8	79.6	21.971	19.0	0.0	0.0	0.0	6.4
11	18.0	31.5	24.4	75.3	22.136	19.1	0.0	0.0	0.0	5.2
12	18.0	31.5	23.0	71.9	20.200	17.6	0.0	0.0	0.0	8.4
13	16.5	32.0	23.5	73.6	20.381	17.8	0.0	0.0	0.0	8.0
14	16.6	31.8	24.2	76.0	21.934	18.9	0.0	0.0	0.0	6.8
15	16.8	32.8	24.7	71.2	21.217	18.4	0.0	0.0	0.0	8.4
16	18.0	32.9	24.7	72.0	21.730	18.8	0.0	0.0	0.0	7.6
17	19.5	33.5	25.0	68.4	20.990	18.3	0.0	0.0	0.0	6.3
18	18.5	32.4	24.4	72.5	21.397	18.6	0.0	0.0	0.0	8.3
19	18.5	28.6	23.4	76.3	21.399	18.5	0.0	0.0	0.0	0.0
20	18.3	31.5	24.6	75.9	23.013	19.7	0.0	0.0	0.0	4.7
21	19.0	30.3	22.7	69.3	19.380	16.9	0.0	38.0	38.0	4.7
22	19.0	29.9	23.4	81.5	23.432	20.0	0.0	18.0	18.0	5.6
23	18.4	27.8	21.3	84.4	21.733	18.5	0.0	0.0	0.0	2.1
24	18.5	30.3	22.6	84.2	23.226	19.9	0.0	2.0	2.0	6.4
25	19.6	31.5	25.0	66.5	19.936	17.4	0.0	22.0	22.0	7.5
26	19.0	30.6	23.0	79.5	22.416	19.3	0.0	2.0	2.0	5.3
27	19.0	28.8	22.7	84.0	23.087	19.8	0.0	75.0	75.0	3.2
28	18.0	30.0	23.7	81.9	23.738	20.2	0.0	0.0	0.0	7.0
29	18.5	30.8	23.4	72.7	20.063	17.1	0.0	0.0	0.0	4.3
30	18.5	30.8	23.7	72.1	20.212	17.4	0.0	0.0	0.0	6.1
31	19.5	30.8	24.3	81.3	24.247	20.6	0.0	3.0	3.0	5.6
PROM.	18.4	30.3	23.4	77.3	21.831	18.8	14.9	247.1	262.0	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	19.5	30.9	23.8	80.8	23.771	20.2	0.0	0.0	0.0	5.0
2	17.6	33.5	24.2	70.3	19.865	17.3	0.0	0.0	0.0	5.1
3	19.5	31.3	23.6	77.4	22.296	19.2	0.0	0.0	0.0	1.6
4	17.3	31.3	24.8	74.8	22.281	19.2	0.0	0.0	0.0	6.9
5	18.0	32.1	23.7	71.0	20.089	17.5	0.0	0.0	0.0	8.2
6	18.0	31.5	25.4	73.0	22.511	19.3	0.0	0.0	0.0	6.8
7	16.5	32.5	27.0	65.7	21.298	18.5	0.0	0.0	0.0	8.9
8	17.8	29.5	23.5	79.4	22.488	19.4	0.0	0.0	0.0	0.0
9	18.6	27.0	22.2	86.0	22.919	19.7	0.0	0.0	0.0	0.3
10	18.0	27.0	22.0	86.7	23.263	19.9	0.0	0.0	0.0	0.7
11	18.5	28.0	22.5	78.0	20.649	17.7	0.0	0.0	0.0	0.0
12	18.8	31.9	22.8	84.7	23.444	20.0	0.0	18.0	18.0	1.8
13	18.5	27.9	22.4	83.1	22.365	19.3	10.0	0.0	10.0	0.0
14	18.0	26.2	21.7	83.0	21.381	18.5	0.0	0.0	0.0	6.5
15	17.6	31.5	23.8	75.4	21.616	18.7	0.0	2.0	2.0	8.4
16	20.0	31.8	23.6	79.1	23.280	19.9	0.0	0.0	0.0	3.3
17	20.0	31.3	24.0	77.7	22.800	19.5	0.0	0.0	0.0	3.3
18	19.5	28.0	22.7	80.7	21.940	18.9	0.0	0.0	0.0	1.4
19	18.5	31.0	23.5	76.0	21.733	18.8	0.0	0.0	0.0	5.5
20	19.5	32.0	25.1	65.2	19.544	17.0	0.0	0.0	0.0	6.9
21	17.6	33.3	25.9	67.8	21.638	18.7	0.0	0.0	0.0	8.5
22	18.5	32.3	25.1	69.0	21.533	18.7	0.0	0.0	0.0	6.9
23	20.0	33.3	25.5	63.3	19.617	17.1	0.0	0.0	0.0	9.0
24	19.6	32.2	24.8	70.7	21.541	18.6	0.0	0.0	0.0	1.9
25	19.8	30.3	23.3	74.7	21.329	18.5	0.0	0.0	0.0	4.7
26	18.8	32.8	25.0	69.3	21.349	18.5	0.0	0.0	0.0	9.0
27	18.0	33.0	28.5	59.5	21.203	18.4	0.0	0.0	0.0	9.0
28	18.8	33.6	28.2	60.9	21.308	18.3	0.0	0.0	0.0	6.8
PROM.	18.6	31.0	24.3	74.4	21.752	18.8	10.0	45.0	55.0	136.4

ESTACION: EL LINON

MUNICIPIO: CHAPARRAL

AÑO: 1.987

ALTITUD: 990

LATITUD: 3-43 N.

LONGITUD: 75-38 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	33.6	25.5	67.2	20.698	18.0	0.0	0.0	0.0	3.0
2	17.5	33.8	24.9	64.9	19.322	16.8	0.0	0.0	0.0	1.4
3	18.5	32.1	25.5	74.5	24.017	20.4	0.0	0.0	0.0	5.1
4	18.6	27.3	22.4	82.9	22.565	19.4	0.0	75.0	75.0	0.4
5	19.4	27.0	22.1	86.2	22.950	19.7	0.0	0.0	0.0	1.9
6	17.3	28.3	24.0	75.3	21.643	18.7	0.0	12.0	12.0	2.3
7	18.5	28.6	22.3	78.6	20.710	18.0	0.0	0.0	0.0	5.5
8	19.8	29.6	23.0	78.6	21.649	18.7	0.0	75.0	75.0	3.3
9	17.8	26.3	22.0	85.9	22.713	19.5	0.0	0.0	0.0	1.1
10	18.8	27.5	23.2	83.7	23.528	20.1	0.0	0.0	0.0	1.0
11	18.5	28.8	23.3	82.6	22.985	19.7	0.0	0.0	0.0	4.2
12	17.5	30.0	23.9	78.9	22.506	19.3	0.0	0.0	0.0	7.4
13	17.6	27.1	22.1	83.8	22.208	19.1	0.0	5.0	5.0	0.8
14	19.0	29.0	22.5	81.4	22.047	19.0	27.3	0.5	27.8	4.8
15	19.0	29.0	23.5	72.9	20.054	17.5	0.0	0.9	0.9	4.8
16	18.4	26.0	22.3	84.2	22.087	19.0	0.1	23.5	23.6	1.3
17	18.8	30.8	23.1	77.4	21.593	18.7	0.5	2.0	2.5	0.2
18	17.5	30.8	24.6	74.7	22.562	19.4	0.0	0.0	0.0	6.2
19	16.5	32.4	24.5	69.7	20.970	18.3	0.0	0.0	0.0	4.0
20	18.5	33.4	26.2	65.7	21.267	18.5	0.0	0.0	0.0	6.2
21	19.5	33.6	25.3	71.4	23.626	20.2	0.0	0.0	0.0	7.7
22	19.9	33.0	26.0	74.2	23.734	20.2	0.0	0.0	0.0	6.8
23	19.3	33.0	24.7	70.9	21.504	18.6	0.0	0.0	0.0	8.7
24	18.5	22.0	19.5	91.5	20.972	18.3	0.0	0.0	0.0	0.6
25	17.5	26.0	22.3	78.4	20.310	17.6	0.0	0.0	0.0	4.3
26	17.2	32.0	24.0	76.6	22.481	19.3	0.0	0.0	0.0	0.8
27	18.0	30.6	24.3	80.0	23.660	20.1	0.0	22.8	22.8	0.0
28	20.0	30.5	24.8	80.5	24.157	20.5	0.0	0.0	0.0	8.8
29	18.7	29.5	23.8	82.0	23.890	20.3	0.0	77.1	77.1	0.0
30	19.8	23.3	23.3	84.3	24.070	20.5	6.6	8.0	14.6	2.3
31	18.0	28.0	22.7	81.9	22.625	19.4	1.6	0.4	2.0	1.0
PROM.	18.4	29.6	23.6	78.1	22.229	19.1	36.4	302.2	338.6	

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	18.8	28.5	23.5	81.6	23.391	20.0	0.0	0.0	0.0	3.9
2	20.5	27.5	22.6	85.7	23.843	20.3	12.1	10.8	22.9	0.5
3	18.0	22.5	19.9	92.5	21.818	18.6	5.6	1.9	7.5	0.3
4	17.5	30.8	22.8	75.3	20.559	18.0	5.7	2.1	7.8	8.8
5	17.0	30.4	22.2	80.8	21.414	18.5	7.2	0.7	7.9	1.1
6	19.5	30.5	23.9	78.5	22.767	19.6	0.0	0.0	0.0	6.0
7	19.6	31.8	24.3	78.2	23.447	20.0	0.0	0.2	0.2	5.7
8	20.0	27.5	22.7	83.1	23.290	20.0	0.0	0.0	0.0	0.0
9	18.5	30.8	23.1	77.9	23.406	18.8	0.0	0.0	0.0	2.9
10	18.0	29.1	23.4	82.7	22.878	19.6	0.4	0.0	0.4	9.7
11	18.6	29.4	24.1	80.3	19.588	17.1	0.0	0.3	0.3	2.6
12	17.4	33.0	23.2	67.5	21.810	18.2	0.0	0.0	0.0	8.6
13	19.0	30.0	22.9	71.1	19.064	16.7	0.0	0.0	0.0	2.9
14	16.3	31.5	24.6	67.1	20.549	17.9	0.0	0.0	0.0	7.4
15	18.0	32.4	23.0	72.5	20.371	17.8	0.0	0.0	0.0	6.3
16	18.6	31.0	25.0	76.5	23.397	20.0	0.0	0.0	0.0	5.9
17	18.4	33.0	24.2	79.7	24.360	20.0	0.0	0.0	0.0	5.3
18	20.0	31.0	22.7	84.8	23.469	20.6	2.7	0.0	2.7	0.4
19	19.1	28.0	22.7	70.2	21.502	18.6	0.0	0.0	0.0	0.1
20	18.6	33.3	25.0	76.1	22.367	19.3	0.0	0.0	0.0	7.0
21	19.0	31.6	24.0	75.9	23.508	20.0	0.0	0.0	0.0	2.1
22	19.3	32.3	25.1	84.5	24.744	20.9	0.0	17.8	17.8	7.2
23	19.8	31.3	23.6	82.4	23.111	19.8	0.0	6.4	6.4	2.5
24	19.8	29.1	22.9	81.3	23.751	20.2	0.3	37.4	37.4	0.7
25	19.0	29.4	24.0	81.3	23.419	20.0	0.4	17.0	17.4	4.0
26	19.8	29.3	23.5	81.7	22.555	19.4	1.7	0.0	1.7	3.8
27	20.3	30.0	23.2	84.5	22.995	19.7	2.8	46.5	49.3	1.3
28	19.3	28.3	22.0	82.1	23.652	20.2	0.0	14.2	14.2	3.8
29	18.3	30.3	23.0	79.7	23.849	20.2	0.0	15.0	15.0	8.7
30	18.0	30.0	24.6	79.7	23.849	20.2	0.0	0.0	0.0	2.3
PROM.	18.8	30.1	23.5	79.1	22.545	19.4	38.9	190.4	229.3	121.9

ESTACION: EL LIMON
 ALTITUD: 990

MUNICIPIO: CHAPARRAL
 LATITUD: 3-43 N.

AÑO: 1.987
 LONGITUD: 75-38 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	20.6	19.7	95.4	22.037	19.0	4.7	0.0	4.7	0.0
2	17.4	30.0	22.4	81.0	21.678	18.8	0.0	5.1	5.1	4.8
3	19.1	31.3	24.9	78.3	24.306	20.7	0.0	19.4	19.4	2.6
4	18.8	28.3	23.1	83.0	23.363	20.0	0.0	0.7	0.7	5.2
5	18.0	30.0	22.3	82.6	22.440	19.3	0.0	0.0	0.0	6.7
6	18.5	26.0	22.0	89.2	23.856	20.3	8.3	14.1	22.4	7.0
7	18.8	25.0	21.1	84.8	21.316	18.5	0.0	0.0	0.0	5.2
8	17.5	31.0	23.7	76.5	22.299	19.2	0.0	0.0	0.0	4.5
9	18.6	31.1	23.9	73.7	21.649	18.7	0.0	0.0	0.0	3.7
10	19.0	29.0	23.2	81.1	22.970	19.7	0.0	0.0	0.0	6.7
11	19.7	32.3	25.1	75.2	23.026	19.6	0.0	1.8	1.8	6.2
12	20.0	31.4	25.0	74.3	23.113	19.8	0.0	1.3	1.3	3.0
13	19.5	31.4	25.0	77.6	23.819	20.2	0.1	0.2	0.0	8.5
14	19.8	31.6	24.3	73.7	22.156	19.1	0.0	0.0	0.0	0.2
15	20.0	32.4	25.5	74.1	23.882	20.3	0.0	2.8	2.8	3.5
16	20.0	29.0	24.4	80.7	24.181	20.5	0.0	9.2	9.2	3.2
17	18.6	28.7	23.5	83.2	23.695	20.2	0.0	0.3	0.3	7.8
18	20.0	31.5	25.0	76.3	23.452	20.0	0.0	0.0	0.0	9.0
19	18.6	32.5	25.1	73.3	22.528	19.3	0.0	0.0	0.0	8.6
20	18.8	30.3	24.2	80.0	23.883	20.3	0.0	12.8	12.8	0.3
21	18.0	28.3	23.0	79.9	22.367	19.3	8.2	0.3	8.5	1.1
22	19.8	27.1	23.3	89.7	25.425	21.4	4.0	39.0	43.0	3.4
23	18.5	28.6	22.1	80.3	21.218	18.4	3.6	3.8	7.4	0.6
24	18.4	29.3	21.9	85.6	22.492	19.4	8.6	0.0	8.6	1.4
25	16.8	29.0	22.6	80.0	21.422	18.5	0.0	0.0	0.0	3.7
26	19.3	30.6	23.6	79.6	22.928	19.6	1.7	0.4	2.1	5.9
27	19.4	31.0	23.0	78.4	22.222	19.2	0.0	0.0	0.0	9.6
28	17.0	31.0	22.5	80.1	21.809	18.9	0.0	0.0	0.0	9.4
29	17.5	32.3	23.3	71.2	20.315	17.7	0.0	0.0	0.0	8.2
30	17.4	32.8	25.4	71.6	22.667	19.5	0.0	0.0	0.0	5.7
31	20.0	32.2	24.3	75.7	23.097	19.8	0.0	2.2	2.2	
PROM.	18.7	29.8	23.5	79.6	22.762	19.5	39.2	113.4	152.6	150.9

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	19.5	27.8	22.9	86.5	23.893	20.3	0.0	0.0	0.0	7.1
2	16.5	32.5	25.3	71.8	21.969	18.6	0.0	0.0	0.0	4.6
3	18.8	31.5	24.1	77.3	22.679	19.5	0.0	1.5	1.5	5.0
4	17.8	31.5	23.2	80.2	22.687	19.5	7.1	0.0	7.1	1.6
5	18.4	28.1	23.2	84.9	24.072	20.4	0.0	0.0	0.0	4.7
6	16.5	29.3	24.0	81.9	24.083	20.4	0.8	0.0	0.8	3.7
7	18.1	30.8	22.9	74.6	21.004	18.3	0.0	0.0	0.0	2.0
8	18.5	30.3	24.1	75.1	22.208	19.2	0.0	0.6	0.6	2.2
9	18.5	30.8	23.1	78.2	22.083	19.1	0.0	0.0	0.0	8.7
10	18.4	32.3	23.5	74.9	21.449	18.6	8.7	0.0	8.7	1.9
11	19.1	31.3	22.9	77.8	21.670	18.8	0.0	0.0	0.0	8.7
12	18.5	32.0	25.5	72.1	22.915	19.7	0.0	0.0	0.0	6.4
13	19.5	32.2	24.3	74.1	22.540	19.4	0.0	1.0	1.0	0.8
14	18.6	28.3	21.8	82.8	21.862	18.5	0.0	11.7	11.7	0.0
15	17.5	29.5	22.4	81.3	21.651	18.7	0.0	0.0	0.0	5.5
16	17.7	32.1	24.0	74.3	21.612	18.7	0.0	0.0	0.0	6.5
17	17.5	32.5	24.1	72.3	21.100	18.3	0.0	0.0	0.0	8.3
18	18.5	32.5	24.3	76.2	23.189	19.9	0.0	0.0	0.0	1.6
19	18.5	31.9	24.6	74.5	22.557	19.4	0.3	0.0	0.0	
20	19.0	32.4	24.1	71.7	22.899	18.2	0.0	0.0	0.0	
21	18.6	33.3	25.2	68.5	21.459	18.6	0.0	0.0	0.0	
22	18.5	33.3	26.3	72.9	24.111	20.4	0.0	0.0	0.0	
23	18.5	30.8	23.7	76.2	22.268	19.2	0.0	0.8	0.8	
24	19.0	29.2	22.0	79.9	21.985	19.0	0.0	0.0	0.0	
25	17.5	31.0	24.1	77.5	23.045	19.8	0.0	0.1	0.1	
26	18.5	29.8	24.0	76.4	22.309	19.2	0.0	0.0	0.0	
27	18.0	31.8	22.7	72.1	19.922	17.4	0.0	0.0	0.0	
28	19.0	31.5	24.1	65.6	19.764	17.3	0.0	0.0	0.0	
29	18.5	32.4	24.0	69.5	20.201	17.6	0.0	0.0	0.0	
30	17.5	30.7	24.4	71.1	21.438	18.5	0.0	0.8	0.8	
PROM.	18.3	31.1	23.8	75.7	22.087	19.0	16.9	16.5	33.4	

ESTACION: EL LIMON
 ALTITUD: 990

MUNICIPIO: CHAPARRAL AÑO: 1.987
 LATITUD: 3-43 N. LONGITUD: 75-38 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa o/o	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.4	32.8	24.6	65.6	19.342	16.9	0.0	0.0	0.0	
2	18.8	33.3	26.0	64.8	22.184	19.2	0.0	0.7	0.7	
3	18.5	33.0	26.0	67.0	22.179	19.2	0.0	0.2	0.2	
4	18.5	32.2	24.9	75.3	23.192	19.9	0.0	0.0	0.0	
5	18.7	27.9	22.6	82.5	22.436	19.3	0.0	0.0	0.0	
6	17.2	31.8	23.1	69.8	19.178	16.8	0.0	0.0	0.0	
7	16.6	33.4	25.2	66.4	20.438	17.8	4.1	0.0	4.1	
8	16.5	30.8	24.6	76.0	22.682	17.8	0.0	0.0	0.0	
9	18.5	31.3	23.5	75.1	21.529	19.4	0.7	0.0	0.7	
10	18.5	30.3	23.0	78.4	21.785	18.7	0.0	1.3	1.3	
11	17.5	31.3	22.9	61.3	16.916	14.5	0.4	0.0	0.4	
12	17.4	31.9	24.4	66.8	20.282	17.7	0.0	0.0	0.0	
13	19.0	33.0	25.3	63.4	19.757	17.3	0.0	0.0	0.0	
14	18.3	31.3	25.1	70.8	21.547	18.7	0.0	0.2	0.2	
15	19.0	30.0	23.1	78.7	21.949	19.0	0.0	4.6	4.6	
16	17.0	32.0	24.1	71.5	20.551	17.9	0.5	0.0	0.5	
17	18.1	31.6	24.8	72.6	21.736	18.7	0.0	0.1	0.1	1.5
18	18.1	31.8	24.3	76.5	22.458	19.3	0.2	0.2	0.2	4.8
19	18.0	31.1	22.9	75.4	20.834	18.1	0.0	19.1	19.3	5.4
20	18.5	31.8	25.3	64.1	19.970	17.3	0.5	0.0	0.5	5.8
21	18.5	32.0	24.3	68.5	20.113	17.6	0.0	0.0	0.0	6.8
22	18.4	33.0	24.7	68.5	20.603	17.9	0.0	0.1	0.1	7.0
23	19.1	31.4	24.4	77.3	22.774	19.5	0.0	0.8	0.8	6.8
24	18.4	30.3	24.4	76.9	22.748	19.5	0.0	20.9	20.9	4.7
25	17.5	29.1	23.1	83.2	23.433	20.0	0.0	6.9	6.9	4.6
26	18.0	31.0	23.2	76.3	21.903	18.9	0.0	0.5	0.5	6.1
27	17.7	31.3	22.3	74.1	20.284	17.7	0.1	0.0	0.1	4.4
28	18.0	27.1	21.2	82.4	20.741	18.1	0.0	11.7	11.7	5.8
29	18.0	30.0	23.3	79.9	22.273	18.1	2.3	1.3	3.6	5.1
30	17.4	29.0	21.9	79.8	20.953	19.2	0.8	67.6	68.4	6.6
31	18.0	30.1	24.0	75.5	21.677	18.7	0.1	6.7	6.8	3.7
PROM.	18.1	31.2	24.0	73.0	21.240	18.4	9.7	148.1	157.8	3.7

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa o/o	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	27.5	22.1	79.1	20.912	18.2	0.0	24.6	24.6	2.5
2	18.1	26.4	21.7	85.1	21.971	19.0	3.8	10.4	14.2	1.5
3	17.5	29.1	23.0	83.1	22.877	19.6	0.1	3.1	3.2	4.5
4	16.5	31.8	24.3	75.2	22.040	19.0	0.0	3.1	3.1	9.5
5	17.5	32.0	25.8	73.6	22.992	19.7	0.0	17.5	17.5	7.6
6	17.4	28.4	20.4	85.4	20.261	17.7	0.0	0.0	0.0	2.5
7	17.4	31.0	24.2	70.0	20.224	17.4	0.0	0.0	0.0	5.4
8	18.0	31.0	24.9	73.1	22.163	19.1	0.1	0.0	0.1	5.3
9	17.5	32.3	25.2	70.2	22.090	19.1	0.0	6.5	6.5	4.5
10	18.0	28.3	22.9	83.6	23.388	20.0	0.0	19.2	19.2	1.4
11	17.5	31.0	24.0	76.9	22.085	19.0	0.0	0.0	0.0	9.2
12	17.5	29.3	23.3	81.3	23.137	19.9	0.0	2.0	2.0	4.5
13	18.5	29.0	23.8	76.1	21.780	18.8	0.0	0.0	0.0	7.4
14	17.4	32.5	24.3	64.5	18.501	16.2	0.0	0.0	0.0	2.7
15	17.5	32.4	25.6	62.4	20.176	17.6	0.0	0.0	0.0	7.4
16	17.5	32.0	24.1	64.8	19.165	16.8	0.0	0.0	0.0	5.1
17	16.5	25.3	20.9	86.0	21.479	18.6	0.0	0.0	0.0	1.6
18	16.6	29.1	20.9	76.8	18.794	16.4	0.4	0.0	0.4	0.0
19	17.7	31.8	23.6	70.7	19.867	17.4	0.0	0.0	0.0	0.2
20	17.8	31.0	24.9	69.6	20.711	17.9	0.0	0.0	0.0	3.1
21	18.5	31.3	24.7	70.3	21.034	18.3	1.0	0.2	0.2	2.5
22	18.4	31.5	23.6	74.5	21.260	18.4	0.0	0.0	1.0	6.8
23	18.5	31.4	24.4	66.2	19.608	17.1	0.0	0.0	0.0	5.8
24	18.6	29.0	23.0	75.5	20.816	18.1	0.0	0.0	0.0	4.8
25	17.4	27.4	22.4	78.1	21.232	18.4	0.0	0.0	0.0	0.4
26	18.4	33.0	25.2	65.4	20.009	17.4	0.0	0.0	0.0	4.3
27	18.5	30.4	23.9	69.8	19.884	17.3	0.0	0.0	0.0	6.4
28	18.0	30.8	23.7	72.5	20.741	18.1	0.0	0.0	0.0	1.0
29	16.5	30.4	23.2	73.2	20.729	18.1	0.0	0.0	0.0	0.1
30	18.3	31.8	25.2	72.9	22.318	19.2	0.0	0.0	0.0	3.7
31	18.0	30.0	22.5	74.0	19.806	17.3	0.0	0.0	0.0	6.1
PROM	17.7	30.3	23.6	74.2	21.034	18.2	5.4	86.6	92.0	4.5

ESTACION: EL LIMON
ALTITUD: 990

MUNICIPIO: CHAPARRAL
LATITUD: 3-43 N.

AÑO: 1.987
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	18.9	28.7	22.4	67.2	17.651	15.3	0.0	0.0	0.0	9.6
2	18.4	25.5	20.3	69.5	16.390	14.3	0.0	0.0	0.0	2.8
3	17.2	31.4	22.9	84.4	23.950	20.3	0.0	57.0	57.0	0.9
4	16.7	30.2	22.8	80.0	21.933	19.0	2.0	0.0	2.0	2.1
5	19.0	31.5	23.1	81.5	23.709	20.2	2.0	40.0	42.0	4.0
6	17.6	31.0	22.8	76.2	21.167	18.4	0.0	0.0	0.0	9.5
7	17.8	30.0	23.0	78.7	21.404	18.5	0.0	0.0	0.0	
8	20.0	29.4	22.5	82.4	22.704	19.5	0.0	0.0	0.0	
9	17.6	28.5	23.8	75.7	21.784	18.8	0.0	0.0	0.0	2.6
10	18.4	32.0	23.7	66.1	18.262	15.9	0.0	0.0	0.0	6.3
11	15.4	31.5	24.8	70.5	20.766	18.1	0.0	0.0	0.0	8.7
12	19.4	33.5	26.6	67.0	21.791	18.8	0.0	0.0	0.0	9.7
13	19.2	33.0	24.9	65.6	20.440	17.8	0.0	0.0	0.0	8.9
14	19.3	30.8	24.3	77.1	22.835	19.6	0.0	0.0	0.0	4.9
15	20.4	30.6	24.2	76.6	22.682	19.5	0.0	0.0	0.0	9.8
16	19.0	32.2	24.9	74.1	22.455	19.4	0.0	0.0	0.0	9.8
17	19.7	31.3	23.6	74.7	21.573	18.7	0.0	0.0	0.0	
18	18.0	32.0	24.1	72.1	21.047	18.3	0.0	0.0	0.0	
19	18.6	34.2	25.4	74.8	23.525	20.1	0.0	0.0	0.0	
20	18.8	32.2	23.2	76.3	21.618	18.7	8.0	0.0	8.0	
21	19.8	29.5	23.0	80.4	22.507	19.4	0.0	10.0	10.0	
22	18.2	27.0	21.7	83.1	21.350	18.5	3.0	0.0	3.0	
23	17.8	28.2	22.1	82.9	21.938	19.0	48.0	0.0	48.0	1.5
24	17.5	30.7	24.0	77.0	22.307	19.2	0.0	0.0	0.0	
25	18.8	27.3	21.7	80.4	20.761	18.0	0.0	0.0	0.0	0.2
26	18.6	29.7	22.9	78.2	21.559	18.7	0.0	13.0	13.0	7.9
27	19.2	30.4	23.9	79.2	23.325	20.0	0.0	0.0	0.0	6.4
28	20.0	33.1	25.2	72.1	22.776	19.6	0.0	0.0	0.0	5.0
29	20.8	32.4	24.9	78.1	24.495	20.7	3.0	6.0	9.0	6.1
30	19.8	23.5	21.0	94.0	23.564	20.1	3.0	0.0	3.0	6.9
PROM.	18.7	30.4	23.5	76.5	21.742	18.7	69.0	126.0	195.0	

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	17.4	29.3	22.7	79.2	21.373	18.5	0.0	17.0	17.0	5.0
2	18.8	26.7	22.5	83.4	22.242	19.1	0.0	5.0	5.0	4.6
3	18.0	28.0	23.3	80.2	22.318	19.2	0.0	6.0	6.0	2.8
4	17.8	29.8	24.0	81.1	23.302	19.9	0.0	0.0	0.0	6.3
5	19.7	29.0	23.5	83.3	23.836	20.3	0.0	25.0	25.0	3.2
6	19.0	28.9	24.5	83.0	24.881	20.9	0.0	0.0	0.0	2.6
7	19.4	29.6	23.7	80.4	22.856	19.5	0.0	0.0	0.0	2.4
8	19.2	27.0	23.3	90.9	25.792	21.5	0.0	19.0	19.0	1.5
9	18.7	24.0	20.8	90.0	22.127	19.1	3.0	0.0	3.0	0.2
10	17.5	29.0	23.5	83.4	23.474	20.0	0.0	0.0	0.0	5.5
11	18.6	30.0	24.0	80.8	23.305	19.8	0.0	7.0	7.0	2.9
12	20.5	23.6	23.6	83.2	24.101	20.5	0.0	0.0	0.0	2.1
13	17.8	30.0	23.5	81.6	23.108	19.7	0.0	18.0	18.0	6.3
14	18.8	27.0	22.0	85.7	22.418	19.3	0.0	0.0	0.0	1.7
15	19.5	30.2	24.4	80.5	23.756	20.2	0.0	8.0	8.0	6.5
16	19.3	27.3	23.8	87.8	25.384	21.3	0.0	15.0	15.0	0.0
17	19.0	26.2	21.5	91.4	23.178	19.8	0.0	3.0	3.0	0.0
18	19.6	26.9	22.9	86.9	23.744	20.1	23.0	0.0	23.0	0.0
19	18.8	28.4	23.2	85.7	23.963	20.4	1.0	60.0	61.0	4.7
20	19.0	27.5	22.1	83.4	22.221	19.2	0.0	0.0	0.0	3.1
21	19.1	27.2	22.4	81.9	21.987	18.9	0.0	0.0	0.0	0.0
22	19.4	28.8	23.5	81.6	23.227	19.8	0.0	16.0	16.0	0.0
23	19.6	27.6	22.2	87.6	23.358	19.9	0.0	7.0	7.0	0.0
24	19.5	29.8	24.0	83.2	24.430	20.7	0.0	1.0	1.0	2.1
25	20.0	28.2	23.4	82.4	23.456	20.0	0.0	0.0	0.0	3.5
26	19.7	29.0	23.6	81.8	23.524	20.1	0.0	14.0	14.0	2.6
27	19.3	30.4	23.7	81.1	23.502	20.1	0.0	65.0	65.0	6.4
28	18.7	25.2	20.9	86.2	21.384	18.6	3.0	0.0	3.0	0.7
29	18.7	25.7	22.4	91.2	24.349	20.6	0.0	65.0	65.0	0.4
30	18.6	24.8	21.1	88.3	22.070	19.0	0.0	0.0	0.0	0.3
31	19.4	28.5	23.1	83.5	23.471	20.1	0.0	54.0	54.0	0.3
PROM.	19.0	28.0	23.0	84.2	23.295	19.5	30.0	405.0	435.0	77.7

ESTACION: EL LIMON

MUNICIPIO: CHAPARRAL

AÑO: 1.987

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	26.5	22.7	87.4	24.030	20.5	0.0	0.0	0.0	0.6
2	19.3	26.9	22.4	84.3	22.869	15.6	2.0	11.0	13.0	0.0
3	19.0	26.1	22.3	87.4	23.303	15.9	0.0	40.0	40.0	0.0
4	18.7	26.4	20.3	92.4	22.106	19.1	8.0	0.0	8.0	0.0
5	19.0	31.4	22.7	76.7	20.995	18.3	0.0	0.0	0.0	1.4
6	18.0	28.8	23.3	80.5	22.361	19.2	0.0	0.1	0.1	0.0
7	19.2	31.5	22.9	74.2	20.844	18.1	0.0	0.0	0.0	0.0
8	16.0	30.6	24.5	80.2	23.856	20.2	0.9	0.0	0.9	0.0
9	18.0	32.8	23.8	69.1	19.758	17.3	0.0	0.0	0.0	0.0
10	17.0	30.7	24.0	77.3	22.506	19.3	0.0	0.0	0.0	8.1
11	18.8	31.0	24.7	77.9	23.768	20.2	0.0	0.0	0.0	5.6
12	17.8	31.8	25.2	75.4	23.497	20.0	0.0	2.3	2.3	6.0
13	19.2	29.6	24.1	83.6	24.632	20.8	1.7	0.0	1.7	8.5
14	18.7	27.0	23.0	79.8	21.951	16.9	0.0	1.9	1.9	2.2
15	19.3	29.4	24.1	82.3	24.125	20.5	0.0	70.0	70.0	5.7
16	18.2	29.2	23.0	84.1	23.320	19.9	0.1	0.0	0.1	6.2
17	19.8	30.5	24.9	80.4	24.716	20.8	0.0	0.3	0.3	5.6
18	20.0	28.6	21.9	94.1	24.879	21.0	10.0	20.0	30.0	4.5
19	20.1	28.3	22.9	82.9	22.589	19.3	2.2	1.1	3.3	1.7
20	20.0	27.4	22.6	91.1	25.275	21.3	7.1	1.5	8.6	1.4
21	18.2	25.0	21.2	92.2	23.180	19.9	1.1	0.0	1.1	2.8
22	18.3	29.0	24.4	83.5	25.046	21.0	0.0	18.0	18.0	0.0
23	18.4	29.2	22.2	83.9	22.798	19.6	0.0	0.0	0.0	3.6
24	18.8	30.6	23.9	74.6	22.240	19.2	0.0	0.0	0.0	2.3
25	18.5	28.0	22.6	84.2	23.093	19.6	0.0	0.0	0.0	7.2
26	16.8	27.4	22.6	83.4	22.400	19.2	14.0	0.0	14.0	3.1
27	18.5	26.0	22.4	86.7	23.644	20.2	0.0	58.9	58.9	2.2
28	19.0	28.9	23.3	83.2	23.421	20.0	0.1	0.0	0.1	0.0
29	20.4	27.8	23.7	85.7	24.961	21.0	2.6	10.7	13.3	2.3
30	19.5	27.5	22.9	91.5	25.626	21.5	40.6	60.9	101.5	0.2
PROM.	18.7	28.8	23.2	83.0	23.260	19.9	95.2	304.8	400.0	81.5

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	19.7	28.2	23.0	84.9	23.692	20.2	9.3	11.3	20.6	3.0
2	19.8	27.7	21.6	93.1	24.405	20.7	15.2	0.0	15.2	1.8
3	18.8	29.8	23.3	83.0	23.865	20.3	0.1	0.4	0.5	6.1
4	19.8	29.1	24.2	83.2	24.790	20.9	0.0	19.9	19.9	5.5
5	19.6	29.2	23.0	87.3	24.429	20.7	0.7	34.9	35.6	3.2
6	19.8	30.3	24.1	83.7	25.072	21.2	0.1	1.8	1.9	3.4
7	18.6	28.2	23.2	83.3	23.693	20.2	0.4	0.0	0.4	5.9
8	17.9	33.0	25.4	78.9	25.023	21.0	0.0	0.0	0.0	9.3
9	19.6	32.1	24.9	80.1	24.727	20.9	0.0	0.0	0.0	8.0
10	19.9	28.9	24.0	82.3	24.096	20.4	1.2	8.6	9.8	3.0
11	19.7	31.6	23.8	82.1	24.225	20.6	0.0	3.1	3.1	4.7
12	18.9	28.0	22.9	88.5	24.614	20.8	0.6	0.0	0.6	1.8
13	17.5	28.2	22.4	81.9	22.072	19.0	0.2	0.0	0.2	1.9
14	16.9	29.3	22.9	76.1	21.367	18.6	0.1	0.0	0.1	1.1
15	15.9	30.4	23.9	76.8	22.398	19.2	0.1	0.0	0.1	9.0
16	18.7	28.5	21.8	85.3	22.226	19.2	17.0	0.0	17.0	4.3
17	18.0	30.4	22.9	83.6	23.237	19.8	0.0	0.0	0.0	7.7
18	18.4	30.0	23.9	82.2	23.847	20.2	0.0	0.0	0.0	6.4
19	17.7	30.2	23.9	77.3	22.735	19.5	0.0	0.0	0.0	5.3
20	18.0	31.2	24.4	74.8	22.592	19.4	0.0	0.0	0.0	8.4
21	16.0	32.8	23.6	68.5	18.950	16.6	0.0	0.0	0.0	8.7
22	17.7	33.8	24.9	67.6	20.403	17.5	0.0	0.0	0.0	8.2
23	16.7	32.0	24.7	75.5	23.030	19.7	0.0	0.0	0.0	9.4
24	18.0	31.8	24.3	73.9	22.205	19.1	0.0	0.0	0.0	9.2
25	17.0	31.6	23.5	75.2	21.421	18.6	0.0	0.0	0.0	7.3
26	18.5	31.4	23.1	70.9	20.018	17.5	0.0	0.0	0.0	9.2
27	15.6	31.2	23.7	71.3	20.647	18.0	0.0	0.0	0.0	9.5
28	18.8	29.8	23.1	78.4	21.810	18.9	0.0	22.6	22.6	5.0
29	19.0	30.9	23.8	79.1	22.886	19.6	0.0	23.0	23.0	7.2
30	18.6	31.0	24.1	76.1	22.387	18.3	0.0	0.0	0.0	5.0
31	19.7	31.4	24.2	78.0	23.352	20.0	0.2	12.2	12.2	4.2
PROM.	18.3	30.4	23.6	79.4	22.910	19.6	45.2	164.9	210.1	182.7

ESTACION EL LIMON

MUNICIPIO CHAPARRAL

AÑO 1.987

ALTITUD: 990

LATITUD: 3-43 N.

LONGITUD 75-38 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tension vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias llovias	
ENERO	18.4	30.3	23.4	16.5	33.5	77.3	21.831	18.8	262.0	12	162.7
FEBRERO	18.6	31.0	24.3	16.5	33.6	74.4	21.752	18.8	55.0	4	136.4
MARZO	18.4	29.6	23.6	16.5	33.8	78.1	22.229	19.1	338.6	13	
ABRIL	18.8	30.1	23.5	16.3	33.3	79.1	22.545	19.4	229.3	17	121.9
MAYO	18.7	29.8	23.5	16.8	32.8	79.6	22.762	19.5	152.6	18	150.9
JUNIO	18.3	31.1	23.8	16.5	33.3	75.7	22.087	19.0	33.4	11	
JULIO	18.1	31.2	24.0	16.5	33.4	73.0	21.240	18.4	157.8	24	
AGOSTO	17.7	30.3	23.6	16.5	33.0	74.2	21.034	18.2	92.0	12	132.8
SEPTIEMBRE	18.7	30.4	23.5	15.4	34.2	76.5	21.742	18.7	195.0	10	
OCTUBRE	19.0	28.0	23.0	17.4	30.4	84.2	23.295	19.9	435.0	21	77.7
NOVIEMBRE	18.7	28.8	23.2	16.0	32.8	83.0	23.260	19.9	400.0	22	81.5
DICIEMBRE	18.3	30.4	23.6	15.6	33.8	79.4	22.910	19.6	210.1	20	182.7
PROMEDIO	18.5	30.1	23.6	16.4	33.2	77.9	22.224	19.1			
TOTAL									2560.8	184	

ESTACION: SUBESTACION ALBAN
 ALTITUD: 1.500

MUNICIPIO: EL CAIRO AÑO: 1.987
 LATITUD: 4-46 N. LONGITUD: 76-13 W

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	25.3	19.3	80.9	17.994	15.8	0.3	0.0	0.3	4.5
2	14.2	28.4	20.2	72.1	16.113	13.9	0.0	0.0	0.0	8.5
3	15.0	27.9	19.8	81.5	18.546	16.3	0.0	0.0	0.0	8.1
4	16.1	25.1	19.8	80.3	18.369	16.1	0.0	0.0	0.0	2.3
5	14.0	22.4	18.8	82.7	17.599	15.5	0.0	0.0	0.0	0.6
6	15.0	22.0	19.0	84.7	18.391	16.2	0.0	0.0	0.0	3.0
7	16.0	23.2	19.4	79.4	17.977	15.8	0.0	0.0	0.0	0.5
8	15.0	24.0	19.7	82.0	18.452	16.2	0.0	0.0	0.0	3.2
9	15.0	25.7	19.7	81.1	18.367	16.2	0.0	0.0	0.0	3.4
10	15.8	26.2	20.5	80.4	19.118	16.8	0.0	0.0	0.0	0.0
11	16.5	23.1	19.8	80.0	18.343	16.1	0.0	0.0	0.0	5.3
12	15.0	24.0	18.9	79.5	16.989	14.9	0.0	0.0	0.0	0.0
13	14.6	25.2	20.3	75.3	17.300	15.2	0.0	0.0	0.0	5.2
14	16.0	25.4	20.5	76.2	17.766	15.5	0.0	0.0	0.0	7.6
15	16.1	27.3	21.4	69.1	16.931	14.8	0.0	0.0	0.0	6.9
16	15.6	24.0	20.0	80.1	18.327	16.1	0.0	0.0	0.0	6.5
17	16.0	29.0	21.3	76.7	18.783	16.4	0.0	0.0	0.0	2.1
18	15.0	27.4	20.6	74.6	17.349	15.2	0.0	0.6	0.6	7.7
19	17.0	23.2	19.4	89.0	20.268	17.7	4.7	0.6	0.6	5.6
20	15.3	25.4	20.0	76.4	17.385	15.2	0.3	0.1	4.8	0.2
21	14.4	20.8	18.6	87.3	18.412	16.2	0.0	0.0	0.3	3.9
22	15.0	24.0	18.1	84.9	17.612	15.5	16.9	0.0	0.0	0.0
23	15.3	24.1	19.3	81.8	18.118	15.5	1.4	1.1	18.0	2.1
24	16.4	24.5	19.8	80.8	18.456	16.2	0.0	0.2	1.6	4.3
25	16.6	25.1	20.9	80.3	19.574	17.2	0.0	0.0	0.0	7.4
26	15.6	24.3	20.0	79.6	18.341	16.1	0.0	0.0	0.0	5.7
27	16.4	26.0	20.2	82.8	19.335	17.0	0.0	0.0	0.0	8.3
28	16.6	28.0	21.0	72.5	17.113	14.8	0.0	1.1	1.1	6.9
29	16.8	26.2	20.4	83.1	19.754	17.3	0.0	0.0	0.0	8.9
30	14.7	24.4	20.1	79.9	18.462	16.2	0.0	0.0	0.0	7.0
31	15.0	23.0	20.0	76.3	17.729	15.6	0.0	0.0	0.0	3.6
PROM.	15.5	25.0	19.9	79.7	18.170	15.5	23.6	3.1	26.7	143.1

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	16.1	29.0	21.8	72.7	17.873	15.4	0.0	0.0	0.0	8.5
2	16.0	30.3	22.6	65.5	16.063	13.2	0.0	0.0	0.0	9.5
3	16.0	25.6	20.5	78.0	18.403	16.2	0.0	0.0	0.0	1.5
4	15.0	27.4	21.0	72.1	16.938	14.7	0.0	0.0	0.0	8.3
5	17.0	25.6	20.4	79.4	18.697	16.3	0.0	0.0	0.0	3.6
6	16.4	25.4	20.6	77.1	18.107	15.9	0.0	0.0	0.0	6.5
7	16.0	26.4	20.8	73.8	17.554	15.3	2.9	10.9	13.8	4.5
8	15.3	25.8	20.6	74.7	17.490	15.4	0.4	0.0	0.4	4.9
9	16.4	27.0	21.0	73.9	17.624	15.3	0.0	0.0	0.0	4.6
10	16.3	29.9	22.0	71.4	17.611	15.3	0.0	0.0	0.0	8.8
11	17.4	26.8	20.8	80.8	19.671	17.2	0.0	0.8	0.8	3.7
12	17.2	24.2	19.3	85.4	19.125	16.8	0.0	1.3	1.3	2.5
13	16.0	25.2	19.7	82.1	18.697	16.4	2.2	0.0	2.2	2.4
14	14.7	22.4	17.9	87.3	17.867	15.7	3.4	0.0	3.4	0.0
15	13.7	27.3	21.3	75.0	18.101	15.9	15.8	0.0	15.8	7.7
16	16.5	24.4	20.1	79.4	18.423	16.2	0.0	0.0	0.0	6.5
17	16.0	24.6	19.7	82.8	18.805	16.5	0.2	0.3	0.5	5.0
18	16.0	27.0	21.1	76.8	18.798	16.5	0.6	6.9	7.5	6.7
19	17.3	26.2	20.1	83.5	19.629	17.2	0.0	0.0	0.0	5.1
20	17.0	26.4	21.2	79.1	19.527	17.1	0.1	0.0	0.1	6.7
21	17.2	25.6	21.1	76.5	18.736	16.5	0.0	0.0	0.0	6.2
22	16.4	28.0	21.9	73.1	18.393	16.1	0.0	0.0	0.0	7.2
23	17.4	28.0	21.7	75.2	19.077	16.7	0.0	0.0	0.0	8.3
24	15.4	30.0	22.4	69.2	17.179	14.8	0.0	0.0	0.0	8.4
25	14.7	28.0	21.5	73.9	17.927	15.7	0.0	0.0	0.0	7.1
26	15.0	29.0	21.1	76.7	18.276	16.0	0.0	0.0	0.0	5.8
27	16.0	28.2	21.6	78.1	19.550	17.0	0.4	0.0	0.4	8.2
28	15.6	26.5	21.1	79.5	19.463	17.0	0.0	0.0	0.4	7.2
PROM	16.1	26.8	20.9	76.9	18.343	16.0	26.0	20.2	46.2	166.8

ESTACION: SUBESTACION ALBAN
 ALTITUD: 1.500

MUNICIPIO: EL CAIRC
 LATITUD: 4-46 N.

AÑO: 1.987
 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	15.8	26.8	21.4	72.8	17.757	15.6	0.0	0.0	0.0	7.3
2	16.6	25.0	21.0	77.0	18.818	16.5	0.0	0.0	0.0	3.8
3	14.4	25.2	20.3	77.5	17.955	15.7	0.0	0.0	0.0	6.3
4	15.4	17.2	16.6	96.9	18.183	16.0	35.1	0.0	35.1	0.0
5	13.4	26.8	20.3	77.6	17.572	15.3	5.9	9.6	15.5	5.7
6	14.8	25.8	20.2	76.3	17.422	15.3	0.0	0.2	0.2	7.1
7	16.4	25.4	20.0	76.5	17.630	15.5	0.0	14.2	14.2	3.2
8	16.0	23.0	19.4	80.0	17.727	15.6	0.0	7.4	7.4	3.2
9	15.0	20.2	18.0	84.5	17.401	15.3	0.7	0.0	0.7	0.0
10	13.2	24.5	19.6	73.6	15.886	13.8	0.0	9.5	9.5	8.7
11	15.5	24.7	20.2	75.1	17.234	15.1	0.8	0.0	0.8	5.1
12	16.2	25.0	20.1	78.5	18.146	15.9	0.0	0.0	0.0	4.9
13	16.3	22.0	18.9	84.5	18.474	16.2	0.0	1.0	1.0	1.3
14	16.0	27.0	21.1	75.5	18.267	16.0	1.6	0.0	1.6	6.0
15	17.0	25.6	20.1	78.4	18.213	16.0	0.0	0.3	0.3	2.5
16	16.4	26.0	19.7	82.3	18.672	16.4	13.8	0.1	13.9	2.2
17	14.6	25.4	19.6	83.9	18.820	16.5	3.3	0.2	3.5	6.0
18	16.4	28.5	21.2	76.2	18.463	16.1	0.0	0.0	0.0	7.5
19	17.1	25.5	20.8	81.9	19.822	17.4	0.0	0.0	0.0	1.5
20	15.9	30.7	22.1	71.2	17.559	15.2	0.0	0.0	0.0	7.8
21	17.7	27.2	21.6	78.5	20.175	17.6	0.0	5.0	5.0	3.4
22	17.6	28.6	21.6	78.9	20.398	17.8	1.1	0.0	1.1	5.0
23	17.0	24.7	21.2	79.7	19.740	17.3	0.0	0.0	0.0	0.0
24	16.4	25.0	20.3	81.5	19.104	16.8	1.0	0.0	1.0	5.1
25	16.6	24.2	20.4	82.9	19.636	17.2	0.0	12.7	12.7	6.8
26	14.0	24.7	20.0	81.2	18.395	16.1	0.0	1.9	1.9	3.2
27	17.0	23.0	20.1	82.3	19.232	16.9	0.2	0.0	0.2	1.8
28	17.0	24.5	20.9	79.4	19.197	16.8	0.0	0.0	0.0	3.5
29	15.5	26.0	21.1	80.2	19.633	17.2	0.0	0.0	0.0	5.4
30	16.2	24.0	20.0	90.0	21.078	18.3	1.4	11.8	13.2	1.7
31	17.2	25.0	20.9	79.8	19.501	17.1	1.6	3.3	4.9	3.2
PROM.	16.0	25.1	20.3	79.8	18.584	16.3	66.5	77.2	143.7	129.2

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	17.0	22.4	19.6	84.2	18.959	16.6	1.7	1.1	2.8	1.7
2	16.8	24.6	20.7	72.6	17.242	15.1	0.0	0.0	0.0	0.5
3	16.5	22.7	19.6	81.3	18.094	15.9	0.3	2.4	2.7	0.1
4	15.5	26.5	21.2	74.1	17.743	15.6	0.0	31.4	31.4	5.3
5	16.7	23.3	20.4	84.6	19.525	17.1	5.3	0.0	5.3	0.6
6	14.0	27.0	21.0	78.6	18.760	16.4	0.0	0.2	0.2	8.2
7	17.4	28.0	21.4	81.3	20.626	18.0	0.0	0.0	0.0	6.4
8	17.4	23.4	19.7	82.0	18.731	16.5	1.1	4.6	5.7	1.8
9	13.8	24.2	19.1	81.2	17.427	15.3	0.2	0.0	0.2	7.3
10	15.0	23.5	19.5	83.4	18.632	16.4	2.3	0.0	2.3	2.6
11	15.4	24.0	19.5	84.4	18.716	16.5	1.0	4.6	5.6	5.9
12	16.4	27.5	21.3	81.3	20.293	17.7	0.0	0.0	0.0	8.5
13	15.0	26.3	20.1	83.1	19.367	17.0	0.0	0.0	0.0	5.0
14	15.3	25.6	20.1	78.1	17.882	15.7	0.0	0.0	0.0	9.1
15	16.0	25.2	20.6	78.8	18.741	16.5	0.0	0.1	0.1	6.5
16	16.9	26.0	21.3	77.8	19.275	16.9	0.0	0.0	0.0	6.1
17	16.0	25.4	20.5	83.5	19.918	17.4	0.0	0.0	0.0	8.2
18	16.0	28.6	21.8	76.4	19.197	16.8	0.0	0.0	0.0	7.0
19	16.4	30.8	23.1	69.9	18.171	15.8	0.0	0.0	0.0	4.4
20	16.8	29.2	22.3	75.4	19.349	16.8	0.0	0.0	0.0	5.7
21	17.0	26.0	21.1	76.7	18.740	16.4	0.0	0.0	0.0	1.9
22	16.0	24.3	20.8	79.6	19.130	16.7	0.0	0.0	0.0	0.0
23	17.0	26.4	20.9	84.6	20.854	18.2	3.3	5.7	9.0	3.8
24	17.2	23.4	20.0	84.2	19.512	17.1	0.3	5.0	5.3	1.0
25	16.0	23.8	20.8	73.9	17.376	15.3	0.0	0.0	0.0	3.2
26	16.5	27.0	21.1	84.0	20.737	18.1	0.1	0.0	0.1	3.6
27	16.2	24.8	21.1	72.5	17.661	15.5	0.0	24.1	24.1	8.1
28	16.8	24.0	19.6	85.0	19.184	16.8	5.6	8.3	13.9	3.0
29	16.4	23.0	19.3	83.9	18.627	16.4	2.6	10.5	13.1	3.0
30	15.4	23.3	19.7	78.0	17.376	15.3	0.0	0.7	0.7	2.6
PROM.	16.2	25.3	20.6	79.8	18.862	16.5	23.8	98.7	122.5	131.1

ESTACION: SUBESTACION ALBAN

MUNICIPIO: EL CAIRC

AÑO: 1.987

ALTITUD: 1.500

LATITUD: 4-46 N.

LONGITUD: 76-13 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
2	16.0	25.4	20.6	78.4	18.603	16.3	1.3	8.3	9.6	4.1
3	14.8	25.7	19.9	77.0	17.141	15.0	0.4	20.5	20.9	6.3
4	15.4	22.8	19.0	83.7	18.273	16.1	4.3	0.6	4.9	2.7
5	15.3	23.5	19.3	81.8	18.167	16.0	0.0	0.7	0.7	2.8
6	16.0	23.0	19.3	83.2	18.316	16.1	1.1	0.0	1.1	1.8
7	16.7	27.2	21.9	75.8	19.461	17.1	0.0	0.0	0.0	6.2
8	17.2	24.2	21.1	81.5	20.088	17.6	10.1	0.0	10.1	6.8
9	16.9	24.0	20.6	82.1	19.522	17.1	2.3	0.0	2.3	7.5
10	17.2	27.5	21.6	81.7	20.517	17.5	0.0	0.0	0.0	4.7
11	15.0	29.8	22.3	74.5	18.471	15.7	0.0	0.0	0.0	7.5
12	17.0	23.8	22.5	71.7	18.440	16.0	0.0	0.0	0.0	10.1
13	17.3	25.0	21.5	77.6	19.637	17.2	0.0	0.0	0.0	6.2
14	17.2	27.4	21.3	81.8	20.368	17.7	0.0	0.0	0.0	5.0
15	17.0	27.3	20.4	84.0	20.098	17.6	0.6	1.6	2.2	5.7
16	17.0	22.7	19.4	86.1	19.453	17.0	0.0	0.4	0.4	3.8
17	16.0	27.0	21.0	79.2	19.313	16.9	5.0	0.0	5.0	0.2
18	16.2	27.5	21.0	81.3	19.795	17.3	0.0	0.0	0.0	5.9
19	17.0	28.2	21.3	79.5	20.024	17.5	0.0	0.0	0.0	9.3
20	16.5	25.3	20.3	84.1	19.902	17.4	0.0	0.0	0.0	6.8
21	14.2	24.5	19.2	79.3	17.441	15.3	0.2	3.5	3.7	3.8
22	16.0	23.2	18.5	90.1	19.557	17.1	0.0	0.0	0.0	4.2
23	15.4	24.0	18.7	79.6	17.134	15.0	10.3	1.5	11.8	3.0
24	15.2	25.6	20.9	74.7	17.605	15.5	3.3	0.2	3.5	2.8
25	14.4	27.5	20.7	77.4	17.922	15.5	0.0	0.0	0.0	5.5
26	16.0	24.3	19.4	83.4	18.839	16.5	3.7	0.0	3.7	7.0
27	15.2	26.8	20.5	80.5	19.205	16.8	6.4	4.0	10.4	4.4
28	14.3	27.2	21.4	78.2	19.363	16.9	0.2	0.0	0.2	7.4
29	16.0	26.8	21.7	78.8	19.858	17.4	0.0	0.0	0.0	8.0
30	15.8	26.0	21.2	82.1	20.291	17.7	0.3	0.0	0.3	6.6
31	17.0	28.4	22.2	76.2	19.749	17.2	0.0	0.0	0.0	9.2
PROM.	16.0	25.8	20.6	80.3	19.074	16.7	50.5	41.9	92.4	165.1

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	
2	15.0	27.4	21.1	75.8	18.427	16.2	0.0	0.0	0.0	5.3
3	17.8	25.7	21.3	76.3	19.296	17.0	0.0	0.0	0.0	2.1
4	16.5	24.0	19.5	88.0	19.884	17.4	9.1	0.5	9.6	3.8
5	17.3	23.5	19.0	92.1	20.242	17.7	1.9	0.0	1.9	0.1
6	15.1	27.0	20.6	79.4	18.698	16.4	12.3	0.0	12.3	6.0
7	16.8	25.0	21.8	77.4	19.821	17.3	0.0	0.0	0.0	0.2
8	16.5	25.8	20.5	76.8	18.327	16.1	6.0	0.1	6.1	4.0
9	16.6	29.4	22.3	69.6	17.394	15.0	0.0	0.0	0.0	9.0
10	16.5	29.8	22.8	66.8	17.100	14.7	0.0	0.0	0.0	7.6
11	18.3	24.8	21.0	80.1	19.778	17.3	1.0	0.0	1.0	0.5
12	15.6	25.8	21.4	76.7	18.814	16.5	0.0	0.0	0.0	8.8
13	18.4	22.4	20.2	88.6	20.937	18.2	0.6	2.4	3.0	0.0
14	17.1	23.0	19.8	84.2	19.345	17.0	0.0	0.0	0.0	0.8
15	17.2	24.8	21.3	77.3	19.219	16.9	0.0	0.1	0.1	5.7
16	15.8	24.7	21.2	79.4	19.362	17.0	0.0	0.0	0.0	6.8
17	17.8	26.4	21.7	76.6	19.748	17.3	0.0	0.0	0.0	6.9
18	16.3	29.2	22.0	75.2	19.375	17.0	0.0	0.0	0.0	6.0
19	17.0	26.8	21.4	76.1	19.050	16.7	0.0	0.0	0.0	6.9
20	16.2	25.3	20.6	79.6	18.878	16.6	0.0	7.4	7.4	5.9
21	15.7	27.1	21.4	75.7	18.489	16.2	0.0	0.0	0.0	1.1
22	15.8	27.8	22.2	72.6	19.097	16.7	0.0	0.0	0.0	6.9
23	17.1	25.3	20.8	82.2	19.910	17.4	0.0	0.0	0.0	7.8
24	17.0	25.2	20.9	77.9	19.088	16.8	2.5	2.5	5.0	0.7
25	15.4	28.2	21.3	75.0	18.258	16.0	0.0	0.0	0.0	4.1
26	15.9	28.9	21.1	78.8	19.152	16.8	0.0	0.0	0.0	6.6
27	14.5	27.7	21.6	76.5	18.731	16.4	0.0	0.0	0.0	6.4
28	14.4	29.4	21.4	71.8	16.713	14.1	0.0	0.0	0.0	6.3
29	15.0	27.4	21.6	74.6	18.635	16.3	0.0	0.0	0.0	9.6
30	16.6	26.8	21.4	75.2	18.636	16.3	0.0	0.0	0.0	2.6
PROM.	16.4	26.4	21.2	77.9	19.014	16.6	33.4	19.6	53.0	138.1

ESTACION: SUBESTACION ALBAN
 ALTITUD: 1.500

MUNICIPIO: EL CAIRO
 LATITUD: 4-46 N.

AÑO: 1.987
 LONGITUD: 76-13 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	25.2	20.3	75.4	17.540	15.4	0.0	0.0	0.0	1.5
2	15.2	26.0	20.9	74.9	17.805	15.7	0.0	0.0	0.0	7.6
3	17.0	23.8	19.5	80.4	18.143	15.9	1.8	0.2	2.0	0.4
4	15.9	25.4	20.3	78.2	18.252	16.0	1.4	4.6	6.0	4.2
5	16.4	24.4	20.2	78.6	18.326	16.1	0.0	0.0	0.0	5.1
6	14.4	25.4	20.1	76.1	17.184	15.1	0.0	0.0	0.0	7.4
7	16.0	25.2	20.3	76.9	17.932	15.8	0.0	0.0	0.0	4.7
8	15.0	26.2	20.8	72.6	17.090	14.9	0.0	0.0	0.0	4.0
9	16.0	28.0	21.1	75.8	18.258	16.0	0.0	0.0	0.0	7.1
10	15.6	27.5	20.9	77.9	18.728	16.4	0.4	2.1	2.5	5.9
11	16.0	25.2	20.5	78.1	18.338	16.1	0.0	0.0	0.0	5.9
12	16.4	26.4	20.4	79.2	18.656	16.4	0.0	0.0	0.0	7.3
13	17.0	26.0	20.5	79.4	18.764	16.5	0.0	5.5	5.5	7.1
14	16.5	24.0	19.9	79.4	18.190	16.0	0.0	1.0	1.0	3.8
15	16.8	24.8	20.0	84.0	19.360	16.9	2.1	0.0	2.1	4.6
16	16.6	24.6	19.7	79.1	17.788	15.6	0.0	0.0	0.0	5.2
17	16.2	23.0	18.4	81.0	17.026	15.0	4.0	0.6	4.6	0.7
18	15.2	25.5	20.3	74.6	16.917	14.7	0.0	0.0	0.0	4.4
19	14.5	29.5	21.2	70.2	16.238	13.9	0.0	0.0	0.0	9.0
20	16.0	27.0	21.3	77.9	19.248	16.2	0.0	0.0	0.0	2.7
21	16.0	26.7	20.3	77.5	18.113	15.9	0.0	0.7	0.7	7.9
22	16.4	24.0	19.0	82.1	18.073	15.9	0.0	0.0	0.0	5.3
23	14.0	24.4	19.0	78.9	16.871	14.8	0.0	30.9	30.9	6.6
24	16.3	22.4	18.8	84.2	18.254	16.0	2.4	7.3	9.7	1.0
25	15.2	24.8	19.5	80.8	18.066	15.9	0.2	4.9	5.1	7.5
26	15.3	23.0	18.3	86.2	18.133	16.0	0.0	0.0	0.0	0.2
27	14.2	23.4	19.1	80.8	17.328	15.2	0.5	0.0	0.5	5.0
28	15.0	25.3	19.6	79.0	17.576	15.5	0.6	4.4	5.0	4.9
29	16.2	22.0	18.3	89.0	18.728	16.5	0.7	2.9	3.6	1.7
30	16.0	24.0	18.9	84.5	18.289	16.1	4.9	3.4	8.3	6.0
31	15.6	22.6	18.6	83.3	17.721	15.6	1.6	17.8	19.4	2.2
PROM.	15.8	25.0	19.9	79.2	17.966	15.8	20.6	86.3	106.9	146.9

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	24.0	19.0	80.2	17.236	15.1	1.0	5.7	6.7	0.4
2	15.4	23.0	18.6	80.8	17.145	15.0	4.2	8.2	12.4	1.5
3	14.6	25.5	20.1	74.7	16.868	14.8	0.0	0.0	0.0	5.7
4	15.5	25.2	19.8	79.9	18.182	16.0	2.2	0.3	2.5	5.1
5	14.2	24.0	19.7	77.1	17.037	15.0	0.0	0.0	0.0	8.9
6	16.0	26.2	20.0	79.9	18.267	16.1	0.0	0.0	0.0	4.6
7	14.6	24.9	19.7	78.1	17.449	15.3	0.0	0.9	0.9	5.5
8	16.0	23.5	18.2	87.6	18.361	16.2	5.1	0.0	5.1	2.5
9	15.0	24.5	19.6	78.4	17.432	15.3	0.0	2.9	2.9	8.4
10	16.4	25.2	20.9	77.9	18.648	16.3	0.0	3.4	3.4	6.2
11	16.4	21.2	18.5	81.2	17.100	15.0	5.5	1.1	6.6	2.1
12	16.0	23.4	18.8	76.5	16.453	14.4	0.0	1.7	1.7	3.0
13	13.4	26.0	20.2	74.7	16.680	14.6	0.0	0.0	0.0	8.0
14	14.0	28.0	20.5	68.5	14.839	12.2	0.0	0.0	0.0	7.9
15	13.5	26.8	20.3	73.8	16.603	14.5	0.0	0.0	0.0	10.0
16	14.8	25.1	20.1	76.7	17.497	15.4	0.0	0.0	0.0	6.3
17	14.7	24.4	20.1	73.1	16.713	14.7	0.1	0.0	0.1	6.7
18	14.5	28.7	20.3	72.5	16.025	13.7	0.0	0.0	0.0	6.1
19	15.0	29.1	21.0	66.9	14.931	12.2	0.0	0.0	0.0	8.9
20	15.0	27.0	20.7	77.8	18.554	16.3	0.0	0.0	0.0	8.5
21	16.4	29.4	22.1	67.8	16.443	13.9	0.0	7.5	7.5	7.0
22	16.8	29.3	22.2	71.9	17.888	15.3	0.0	0.0	0.0	10.0
23	16.0	30.2	22.2	69.6	17.210	14.6	0.0	0.0	0.0	8.9
24	17.0	28.0	21.9	72.7	18.120	15.7	0.0	0.0	0.0	7.6
25	15.0	27.0	19.0	80.7	17.457	15.4	17.5	0.0	17.5	6.7
26	15.0	27.0	20.1	77.9	17.562	15.3	1.4	0.0	1.4	7.2
27	16.4	23.1	19.2	82.6	18.282	16.1	3.2	5.1	8.3	5.2
28	16.0	26.2	19.8	80.2	18.244	16.0	0.0	0.0	0.0	7.1
29	14.4	26.3	20.2	78.7	18.086	15.9	0.0	1.2	1.2	6.9
30	14.0	25.0	19.9	77.5	17.352	15.2	0.0	0.3	0.3	7.1
31	16.0	26.0	20.5	80.2	19.094	16.7	0.0	0.0	0.0	5.2
PROM.	15.3	25.9	20.1	76.6	17.347	15.1	40.2	38.3	78.5	195.2

ESTACION: SUBESTACION ALBAN
 ALTITUD: 1.500

MUNICIPIO: EL CAIRC AÑO: 1.987
 LATITUD: 4-46 N. LONGITUD: 76-13 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa o/o	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Dia	Noche	Total	
2	14.0	24.7	19.3	78.5	16.952	14.6	0.0	1.9	1.9	7.7
3	16.2	24.0	18.8	84.8	18.208	16.0	1.7	0.0	1.7	2.3
4	16.0	23.6	18.5	90.7	19.636	17.2	42.7	15.1	57.8	1.2
5	15.0	23.4	19.5	81.3	17.908	15.7	0.4	0.0	0.4	0.6
6	14.0	27.6	19.2	73.6	15.870	13.8	0.0	0.9	0.9	8.1
7	16.0	25.2	20.3	73.7	17.291	15.2	0.0	1.2	1.2	5.2
8	16.4	23.3	18.9	74.6	16.385	14.3	0.1	0.0	0.1	4.4
9	14.4	24.5	19.2	80.9	17.727	15.6	0.0	1.9	1.9	4.5
10	16.0	24.0	19.2	81.1	17.953	15.8	0.0	0.0	0.0	5.4
11	13.5	24.8	19.4	79.0	17.217	15.1	0.0	0.0	0.0	8.1
12	15.6	26.7	20.0	78.8	18.198	16.0	0.3	0.0	0.3	6.7
13	16.4	26.0	20.0	78.7	18.345	16.1	0.0	25.4	25.4	5.6
14	15.2	26.2	20.0	74.4	16.890	14.8	0.3	0.2	0.5	7.3
15	15.3	26.0	20.0	76.5	17.459	15.3	0.1	0.0	0.1	8.9
16	15.1	27.4	20.3	78.9	18.255	16.1	0.0	0.0	0.0	7.9
17	16.4	26.0	20.3	80.0	18.784	16.5	0.0	0.0	0.0	3.0
18	15.0	26.4	20.1	81.8	18.860	16.6	0.0	0.0	0.0	7.0
19	15.2	25.6	20.4	77.9	18.110	15.9	0.0	1.6	1.6	3.0
20	15.4	23.4	18.7	83.5	17.957	15.8	0.1	4.1	4.2	7.3
21	15.3	25.0	19.4	75.0	16.629	14.5	1.8	0.1	1.9	1.8
22	14.0	25.7	19.3	81.3	17.970	15.8	0.2	2.6	2.8	3.8
23	15.8	26.6	19.0	84.4	18.813	16.5	20.5	0.0	20.5	5.0
24	14.1	24.0	18.7	82.6	17.793	15.7	0.7	0.0	0.7	2.9
25	15.0	19.4	16.7	88.0	16.996	14.9	11.2	0.0	11.2	0.2
26	13.4	24.7	18.9	79.8	17.067	15.0	0.0	0.0	0.0	3.7
27	15.0	27.4	20.6	75.3	17.412	15.1	0.0	0.0	0.0	6.3
28	17.0	25.3	19.6	83.8	19.272	16.9	1.9	0.0	1.9	2.2
29	14.1	26.0	20.1	75.3	17.345	15.2	0.6	31.8	32.4	6.6
30	15.3	23.5	18.5	78.8	16.624	14.6	6.1	0.0	6.1	0.6
PROM.	15.2	25.0	19.4	79.8	17.717	15.5	89.3	86.9	176.2	141.4

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa o/o	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Dia	Noche	Total	
2	14.0	25.0	19.0	82.9	17.959	15.7	1.1	0.0	1.1	2.3
3	13.2	24.0	18.2	83.5	17.359	15.3	8.3	0.5	8.8	2.4
4	14.0	25.3	18.6	82.2	17.442	15.3	1.9	10.5	12.4	4.3
5	15.2	26.0	19.5	80.4	18.044	15.9	3.0	0.0	3.0	3.1
6	15.8	25.4	19.6	79.8	17.942	15.8	0.0	0.5	0.5	5.6
7	16.0	24.0	19.1	79.5	17.732	15.6	4.0	0.0	4.0	3.6
8	15.0	22.7	18.4	87.4	18.608	16.4	4.2	0.5	4.7	1.1
9	15.2	24.8	18.9	82.6	17.707	15.6	0.0	0.0	0.0	1.7
10	15.0	26.4	19.6	79.9	17.853	15.7	4.3	0.4	4.7	5.1
11	16.0	23.6	19.3	83.8	18.573	16.3	6.4	0.0	6.4	1.4
12	14.2	25.5	18.4	88.6	18.955	16.6	1.6	0.0	1.6	4.5
13	14.0	25.7	18.9	86.6	18.798	16.5	0.0	26.3	26.3	5.9
14	14.0	23.4	18.6	81.0	17.220	15.1	0.0	0.0	0.0	1.7
15	14.6	24.5	19.4	81.9	18.080	15.9	0.0	10.6	10.6	3.9
16	16.0	25.0	20.0	79.5	18.343	16.1	0.8	22.2	23.0	2.5
17	15.3	23.5	18.3	86.9	18.279	16.1	0.0	0.0	0.0	0.7
18	15.5	23.7	18.5	84.1	17.797	15.7	0.1	0.0	0.1	2.3
19	15.3	23.0	19.0	83.6	18.163	16.0	0.0	0.1	0.1	1.8
20	16.0	24.0	19.2	81.3	17.924	15.8	0.0	14.0	14.0	0.2
21	16.2	24.2	19.4	82.6	18.380	16.2	1.5	0.0	1.5	0.7
22	15.7	24.9	18.6	84.0	17.826	15.7	0.0	0.0	0.0	5.0
23	16.4	25.3	20.2	77.2	17.785	15.6	5.8	3.7	9.5	3.1
24	16.5	23.0	18.6	85.3	18.391	16.1	11.5	0.2	11.7	2.0
25	14.0	23.5	18.6	85.8	18.143	15.9	0.6	0.1	0.7	5.0
26	16.2	24.0	19.5	83.7	18.797	16.5	0.3	1.1	1.4	1.6
27	16.0	24.3	18.6	83.8	17.853	15.7	3.4	11.1	14.5	5.0
28	15.3	19.4	16.8	94.6	18.247	16.1	2.3	1.3	3.6	0.0
29	14.0	23.5	18.0	81.1	16.425	14.4	2.7	4.4	7.1	0.5
30	12.8	22.0	17.8	85.9	17.288	15.2	2.8	0.0	2.8	0.7
31	14.0	24.0	18.5	75.6	15.726	13.7	0.0	4.0	4.0	5.3
PROM.	15.0	24.2	18.8	83.0	17.867	15.7	66.6	111.5	178.1	89.7

ESTACION: SUBESTACION ALBAN

MUNICIPIO: EL CAIRO

AÑO: 1.987

ALTITUD: 1.500

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	13.5	24.7	18.5	73.1	15.119	13.0	0.0	0.0	0.0	8.7
2	12.0	24.0	18.4	82.6	17.066	14.9	0.0	8.1	8.1	6.8
3	14.0	25.0	19.9	83.3	18.969	16.6	0.0	1.8	1.8	3.8
4	14.3	24.0	19.2	84.9	19.008	16.7	8.8	0.0	8.8	3.6
5	15.8	24.3	20.3	80.4	19.028	16.7	0.0	0.0	0.0	6.7
6	16.6	25.5	20.1	82.5	19.296	16.9	3.9	0.0	3.9	4.2
7	16.9	25.0	18.7	91.3	19.682	17.2	27.3	0.0	27.3	1.6
8	15.4	24.8	19.8	79.4	17.904	15.7	0.0	0.0	0.0	6.9
9	15.3	26.2	19.6	78.7	17.744	15.6	0.0	0.0	0.0	8.4
10	14.2	24.5	19.5	80.0	17.710	15.6	0.0	0.3	0.3	8.4
11	15.7	27.3	20.9	80.7	19.623	17.2	0.0	0.0	0.0	7.3
12	15.9	25.2	20.3	79.1	18.485	16.2	0.0	0.0	0.0	5.5
13	16.4	24.4	19.4	82.7	18.509	16.3	1.5	0.0	1.5	2.2
14	16.3	24.6	20.0	81.4	18.769	16.5	0.0	23.7	23.7	3.8
15	16.0	23.3	19.3	83.2	18.676	16.4	0.0	0.0	0.0	2.3
16	15.4	25.5	20.5	76.7	17.971	15.7	0.0	0.0	0.0	6.3
17	15.9	26.0	20.5	80.5	19.113	16.8	0.0	0.0	0.0	5.9
18	17.0	24.2	20.4	84.3	20.279	17.7	0.0	6.3	6.3	1.5
19	16.2	24.0	18.1	93.4	19.548	17.1	14.0	0.1	14.1	2.0
20	15.0	24.2	19.0	86.1	18.838	16.5	10.6	8.4	19.0	1.8
21	15.7	22.4	18.5	80.9	16.922	14.8	0.0	0.0	0.0	0.1
22	12.6	25.0	18.5	77.0	15.667	13.6	0.0	0.0	0.0	8.9
23	14.5	25.4	19.4	84.8	18.931	16.6	0.0	0.0	0.0	7.8
24	16.0	24.6	19.9	81.3	18.549	16.3	0.0	5.0	5.0	1.1
25	16.0	20.7	18.3	87.4	18.489	16.3	1.4	0.0	1.4	0.0
26	13.4	24.0	17.5	86.4	17.148	15.1	0.2	5.8	6.0	3.6
27	14.5	24.2	18.4	81.5	16.938	14.9	0.1	0.0	0.1	4.0
28	12.8	26.0	19.4	79.4	17.325	15.2	0.0	0.0	0.0	8.0
29	14.9	24.2	19.6	80.9	18.319	16.1	0.0	0.0	0.0	4.0
30	16.4	18.5	17.2	93.1	18.375	16.2	13.9	0.0	13.9	0.0
PROM.	15.2	24.4	19.3	82.6	18.267	16.0	81.7	59.5	141.2	135.2

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	12.3	24.2	18.2	80.7	16.433	14.3	5.0	6.4	11.4	6.9
2	15.0	22.0	17.9	86.8	17.883	15.7	9.9	0.6	10.5	0.8
3	14.7	25.4	19.0	80.7	17.497	15.4	8.4	0.0	8.4	3.6
4	15.5	24.4	19.7	78.9	17.887	15.7	0.0	3.3	3.3	3.3
5	15.6	23.2	18.6	92.2	19.867	17.4	25.6	3.2	28.8	2.0
6	15.0	25.4	19.9	78.2	17.649	15.5	23.0	6.9	29.9	2.6
7	16.9	23.4	19.6	83.2	18.843	16.5	0.8	0.1	0.9	3.0
8	15.8	24.6	19.9	79.4	18.022	15.8	0.5	0.0	0.5	5.9
9	15.8	25.3	20.2	78.4	18.311	16.0	0.0	0.0	0.0	3.7
10	16.5	23.6	19.4	84.0	18.757	16.5	15.3	0.0	15.3	1.6
11	15.8	23.8	19.7	86.6	19.724	17.3	0.0	0.0	0.0	3.9
12	16.7	26.0	20.4	84.1	19.875	17.4	0.0	0.0	0.0	5.3
13	17.0	25.4	20.5	85.1	20.472	17.8	1.8	5.1	6.9	2.6
14	16.8	25.3	20.5	77.8	18.366	16.1	0.0	0.0	0.0	6.2
15	16.3	24.4	20.0	77.7	17.744	15.5	0.0	0.0	0.0	7.2
16	15.8	25.6	20.5	76.5	17.865	15.6	0.0	0.0	0.0	7.5
17	14.8	26.4	20.9	77.0	18.552	16.2	0.0	0.0	0.0	7.1
18	15.2	27.5	21.1	73.9	17.785	15.5	0.0	0.0	0.0	7.4
19	15.8	27.3	20.1	79.5	18.272	16.0	0.0	0.0	0.0	7.2
20	15.2	25.8	20.7	79.3	18.993	16.7	0.0	0.0	0.0	5.5
21	14.7	28.4	21.2	70.4	16.425	14.2	0.0	0.0	0.0	9.1
22	14.0	25.5	20.1	78.5	17.809	15.6	0.0	0.0	0.0	7.7
23	16.3	25.3	20.7	76.3	18.109	15.9	0.0	0.0	0.0	7.3
24	15.2	28.4	21.0	74.2	17.564	15.3	0.0	0.0	0.0	7.8
25	15.6	26.0	20.7	76.0	17.876	15.7	0.0	0.0	0.0	7.9
26	15.5	24.6	20.9	79.0	19.204	16.6	0.0	0.0	0.0	1.5
27	16.2	24.8	20.4	78.8	18.611	16.3	0.0	0.0	0.0	3.5
28	16.0	24.4	20.2	81.6	19.008	16.7	0.0	11.0	11.0	2.0
29	15.2	24.8	19.4	83.6	18.593	16.3	0.0	0.0	0.0	3.9
30	15.9	27.3	20.4	79.4	18.544	16.3	0.0	0.1	0.1	5.7
31	15.2	28.2	21.3	75.2	18.280	15.9	0.0	0.0	0.0	5.7
PROM.	15.6	25.4	20.1	79.8	18.349	16.1	90.3	36.7	127.0	155.4

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.987
 ALTITUD: 1.500 LATITUD: 4-46 N. LONGITUD: 76-13 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tension vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias luvias	
ENERO	15.5	25.0	19.9	14.0	29.0	79.7	18.170	15.9	26.7	7	143.1
FEBRERO	16.1	26.8	20.9	13.7	30.3	76.9	18.343	16.0	46.2	11	166.8
MARZO	16.0	25.1	20.3	13.2	30.7	79.8	18.584	16.3	143.7	21	129.2
ABRIL	16.2	25.3	20.6	13.8	30.8	79.8	18.862	16.5	122.5	17	131.1
MAYO	16.0	25.8	20.6	14.2	29.8	80.3	19.074	16.7	92.4	19	165.1
JUNIO	16.4	26.4	21.2	14.4	29.8	77.9	19.014	16.6	53.0	11	138.1
JULIO	15.8	25.0	19.9	14.0	29.5	79.2	17.966	15.8	106.9	16	146.9
AGOSTO	15.3	25.9	20.1	13.4	30.2	76.6	17.347	15.1	78.5	16	195.2
SEPTIEMBRE	15.2	25.0	19.4	13.4	27.6	79.8	17.717	15.5	176.2	23	141.4
OCTUBRE	15.0	24.2	18.8	12.8	26.4	83.0	17.867	15.7	178.1	26	89.7
NOVIEMBRE	15.2	24.4	19.3	12.0	27.3	82.6	18.267	16.0	141.2	16	135.2
DICIEMBRE	15.6	25.4	20.1	12.3	28.4	79.8	18.349	16.1	127.0	12	155.4
PROMEDIO	15.7	25.4	20.1	13.4	29.2	79.6	18.297	16.0			
TOTAL									1292.4	195	1737.2

ESTACION: ARTURO GOMEZ
 ALTITUD: 1.320

MUNICIPIO: ALCALA
 LATITUD: 4-40 N.

AÑO: 1.987
 LONGITUD: 75-48 W.

M E S - E N E R O .

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.0	28.0	21.5	81.1	20.710	18.0	0.0	0.0	0.0	5.3
2	14.0	29.0	21.6	77.4	19.162	16.7	0.0	0.0	0.0	9.3
3	15.0	29.0	21.0	79.0	19.059	16.7	9.0	0.0	9.0	7.7
4	15.0	28.0	20.3	79.8	18.729	16.4	4.5	0.0	4.5	5.5
5	15.5	26.4	21.7	79.4	19.959	17.4	0.0	0.0	0.0	3.0
6	16.5	29.5	22.2	78.8	20.435	17.8	0.0	36.4	36.4	6.7
7	17.5	24.4	20.9	89.0	21.765	18.8	16.4	10.6	27.0	0.3
8	18.0	28.4	22.6	82.3	22.060	19.0	0.3	0.0	0.3	4.6
9	17.0	23.2	22.2	80.8	21.014	18.2	0.0	0.0	0.0	5.5
10	17.5	28.0	22.9	75.6	20.254	17.6	0.0	0.0	0.0	5.8
11	17.4	26.3	22.0	81.9	21.330	18.5	0.0	0.0	0.0	0.4
12	16.8	29.4	22.7	76.5	20.283	17.6	0.0	0.0	0.0	8.0
13	15.8	30.2	22.6	77.5	20.341	17.7	0.0	0.0	0.0	9.0
14	16.8	30.8	23.7	74.5	20.561	17.8	0.0	0.0	0.0	8.3
15	15.8	30.6	23.6	75.7	20.941	18.2	0.0	0.0	0.0	7.5
16	16.0	28.5	22.5	79.8	21.217	18.4	0.0	0.0	0.0	2.6
17	16.2	31.0	23.8	75.7	21.338	18.5	0.0	0.0	0.0	8.6
18	16.0	30.8	22.9	71.9	19.173	16.9	0.0	0.0	0.0	8.4
19	13.0	23.0	20.3	91.8	21.998	19.0	0.2	0.2	0.4	0.0
20	16.0	29.0	20.7	81.1	19.563	17.1	5.6	0.5	6.1	7.2
21	15.8	24.8	21.1	85.9	21.195	16.4	0.0	0.4	0.4	0.3
22	17.5	27.5	20.6	83.1	20.484	17.9	36.0	7.5	43.5	3.5
23	16.8	27.6	21.9	84.0	21.569	18.6	0.0	0.4	0.4	5.5
24	15.8	29.4	22.6	78.8	20.824	18.1	0.0	0.0	0.0	9.5
25	17.0	28.8	22.6	80.2	21.382	18.5	0.0	0.0	0.0	6.5
26	16.0	29.0	22.1	78.7	20.280	17.7	0.0	0.0	0.0	8.1
27	16.8	29.5	22.9	78.8	21.399	18.5	0.0	8.6	8.6	8.4
28	16.9	30.0	23.9	75.3	21.225	18.3	0.0	0.0	0.0	8.2
29	16.8	31.0	23.5	75.9	21.241	18.5	0.0	0.0	0.0	8.7
30	16.0	29.3	23.8	75.9	21.521	18.5	0.0	0.0	0.0	6.7
31	17.5	28.2	22.8	82.1	22.246	19.1	0.0	0.0	0.0	1.5
PROM.	16.5	28.5	22.2	79.6	20.750	18.0	72.0	64.6	136.6	180.8

M E S - F E B R E R O

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	32.0	25.2	67.6	20.264	17.7	0.0	0.0	0.0	8.4
2	16.0	31.0	24.7	64.6	18.739	16.4	0.0	0.0	0.0	9.6
3	19.0	27.4	22.8	79.9	22.031	19.0	0.0	0.0	0.0	1.2
4	16.0	31.0	23.5	72.5	19.767	17.2	0.0	0.0	0.0	6.9
5	17.5	30.0	24.4	70.4	20.646	18.0	0.0	0.0	0.0	5.0
6	18.0	30.6	23.4	73.8	20.657	18.0	0.0	0.0	0.0	7.7
7	17.0	30.4	21.9	79.9	20.689	18.0	7.2	0.0	7.2	7.0
8	17.5	29.0	22.1	82.3	21.577	18.7	0.0	0.0	0.0	4.9
9	16.0	28.0	22.2	79.8	20.847	18.1	0.0	0.0	0.0	3.1
10	16.4	31.8	22.8	78.8	21.205	18.4	1.2	0.0	1.2	6.9
11	18.0	29.3	23.2	80.0	22.540	19.4	0.9	0.0	0.9	2.2
12	17.8	26.5	20.4	88.6	21.574	18.7	0.0	0.5	0.5	2.6
13	15.7	26.8	21.2	81.2	19.932	17.4	0.0	0.0	0.0	3.8
14	17.8	24.0	20.3	87.2	20.681	18.0	0.6	0.0	0.6	0.3
15	14.5	30.0	22.0	75.5	19.100	16.7	0.0	0.0	0.0	6.0
16	17.8	28.8	22.7	78.4	21.168	18.4	0.0	0.0	0.0	5.6
17	17.4	27.5	22.7	78.9	21.248	18.4	0.0	1.4	1.4	3.1
18	18.0	29.0	22.7	80.6	21.975	19.0	0.0	0.0	0.0	3.8
19	18.0	28.6	22.9	78.6	21.582	18.7	1.6	0.0	1.6	4.8
20	16.8	31.0	23.2	79.1	21.641	18.7	1.7	0.0	1.7	6.7
21	17.3	31.8	23.4	78.0	21.787	18.8	0.0	0.0	0.0	8.5
22	16.8	32.0	24.9	69.8	20.396	17.7	0.0	0.0	0.0	8.1
23	17.5	33.0	25.5	69.3	20.800	18.1	0.0	0.0	0.0	9.4
24	17.0	32.8	25.4	61.3	17.921	15.6	0.0	0.0	0.0	5.7
25	16.8	32.4	25.4	62.3	18.407	16.0	0.0	0.0	0.0	8.8
26	17.0	33.2	25.9	67.0	20.645	18.0	0.0	0.0	0.0	9.1
27	17.8	32.5	25.1	72.4	21.601	18.6	0.0	0.0	0.0	7.7
28	17.5	33.5	25.7	66.9	20.289	17.6	0.0	0.0	0.0	7.6
PROM	17.2	30.1	23.4	75.2	20.704	18.0	13.2	2.6	15.8	164.5

ESTACION: ARTURO GOMEZ

MUNICIPIO: ALCALA

AÑO: 1.987

ALTITUD: 1.320

LATITUD: 4-40 N.

LONGITUD: 75-48 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	31.0	25.3	68.8	20.798	18.1	0.0	0.0	0.0	6.5
2	17.3	30.4	24.0	75.3	21.925	19.0	0.0	0.0	0.0	2.2
3	17.0	30.4	24.8	72.9	21.664	18.7	0.0	0.0	0.0	4.8
4	17.4	23.0	20.1	91.8	21.683	18.2	9.6	0.0	9.6	0.0
5	17.8	30.3	24.0	74.6	21.313	18.5	0.0	0.0	0.0	7.0
6	16.4	28.6	22.8	75.9	20.122	17.5	0.0	40.0	40.0	6.6
7	16.9	29.0	24.2	76.1	21.972	18.9	0.0	3.7	3.7	5.8
8	17.8	26.8	22.4	78.4	20.641	18.0	0.0	7.4	7.4	5.8
9	18.0	22.2	19.9	91.1	21.309	18.5	0.0	2.0	2.0	3.4
10	15.5	29.3	22.3	72.1	18.501	16.3	8.9	0.0	8.9	0.0
11	17.8	23.0	22.8	76.0	20.403	17.8	0.0	6.5	6.5	10.1
12	17.5	30.0	22.3	78.9	20.953	18.2	1.2	0.0	1.2	6.1
13	17.8	27.0	20.8	80.8	19.864	17.3	0.0	0.0	0.0	6.6
14	16.5	29.1	22.9	77.3	20.661	18.0	0.0	0.2	12.3	3.1
15	17.5	29.6	23.9	76.7	21.741	18.8	0.0	0.0	0.0	7.2
16	17.0	27.0	20.7	81.8	20.075	17.6	0.5	0.0	0.5	4.1
17	14.8	26.5	20.8	82.4	20.278	17.7	37.6	0.0	37.6	2.0
18	15.8	29.3	21.9	78.4	20.573	17.9	0.0	0.4	0.4	4.5
19	16.0	28.8	22.2	81.1	21.742	18.8	0.0	0.0	0.0	6.0
20	15.5	30.1	22.0	80.5	21.095	18.5	0.0	0.0	0.0	1.8
21	17.5	29.4	24.0	74.3	21.359	18.5	0.0	0.0	0.0	8.9
22	17.8	29.5	24.4	72.3	21.226	18.5	0.0	0.0	0.0	4.8
23	17.5	26.5	23.3	79.2	21.821	18.4	0.0	0.0	0.0	6.5
24	16.0	29.8	22.5	80.7	21.449	18.9	0.0	0.0	0.0	0.0
25	17.0	31.8	22.8	79.2	21.698	18.6	2.0	0.0	2.0	5.1
26	16.6	29.0	23.3	81.0	22.736	18.5	1.2	4.8	6.0	7.3
27	18.5	28.6	23.9	82.7	24.023	20.4	0.0	0.0	0.0	4.0
28	18.5	29.0	24.0	81.6	23.770	20.2	0.0	19.8	19.8	3.6
29	18.5	30.4	25.0	74.8	22.501	19.4	0.0	0.0	0.0	3.0
30	19.0	30.2	22.7	81.0	22.471	19.3	0.0	0.8	0.8	5.2
31	17.5	28.6	23.2	82.3	23.189	19.9	3.4	0.8	4.2	2.5
PROM.	17.2	23.7	22.9	78.7	21.405	18.5	76.5	91.5	168.0	145.2

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	29.0	22.4	81.1	21.830	18.9	9.5	0.0	9.5	3.4
2	17.8	26.0	21.1	88.8	22.531	19.4	6.5	1.1	7.6	0.2
3	17.5	24.2	20.5	87.2	20.926	18.2	1.2	2.5	3.7	4.4
4	17.8	23.5	23.3	79.6	21.975	18.8	0.0	4.3	4.3	
5	18.0	27.0	22.1	82.7	21.628	18.7	6.6	0.0	6.6	
6	17.5	29.5	22.7	80.6	21.868	18.5	2.1	0.2	2.3	7.6
7	17.0	30.5	23.7	82.6	23.851	20.3	0.0	0.0	0.0	4.1
8	17.0	27.5	21.7	96.7	22.810	19.6	48.5	3.3	51.8	0.7
9	16.5	28.5	23.3	75.0	20.364	17.7	0.0	0.0	0.0	7.6
10	17.5	26.0	22.1	82.3	21.530	18.6	0.0	0.0	0.0	6.0
11	17.8	28.0	23.1	82.5	23.217	19.8	0.0	0.0	0.0	
12	17.0	30.5	22.9	76.2	21.694	18.7	0.0	0.0	0.0	
13	17.5	27.0	22.5	78.6	21.093	18.3	0.6	0.0	0.6	8.6
14	16.8	30.0	23.6	75.8	21.097	18.3	0.0	0.0	0.0	4.3
15	17.5	30.2	24.2	74.7	21.744	18.8	0.0	0.0	0.0	7.2
16	18.5	30.0	24.5	77.2	22.922	19.7	0.0	0.0	0.0	6.7
17	17.8	31.0	23.3	82.0	22.888	19.6	1.5	0.0	1.5	7.7
18	18.0	30.4	24.5	74.8	22.070	19.1	0.0	0.0	0.0	8.0
19	17.5	30.2	24.9	78.0	23.508	20.0	0.0	0.0	0.0	4.8
20	18.0	29.5	24.3	79.5	23.463	20.0	0.0	0.0	0.0	5.2
21	18.8	23.5	23.7	80.9	23.336	20.0	0.0	0.0	0.0	3.6
22	18.0	23.2	23.2	82.2	23.412	20.0	0.0	0.0	0.0	0.5
23	17.5	28.5	23.3	83.6	23.725	20.2	0.0	0.0	0.0	1.0
24	16.5	26.0	22.1	87.9	23.308	20.0	0.0	3.9	3.9	0.2
25	17.5	26.5	21.5	83.1	21.115	18.3	0.2	41.3	41.5	0.0
26	18.0	26.4	21.1	37.5	22.136	19.1	0.0	1.0	1.0	0.0
27	15.8	30.0	21.7	79.9	20.541	17.9	0.3	0.0	0.3	0.0
28	16.5	25.2	20.8	86.5	20.705	18.0	4.2	29.7	33.9	8.4
29	16.0	26.0	19.9	84.1	19.705	17.3	6.3	2.2	8.5	2.7
30	16.4	23.6	19.6	85.8	19.385	17.0	26.3	0.9	27.2	2.2
PROM.	17.4	23.1	22.6	81.6	22.013	19.0	113.8	136.8	250.6	1.2

ESTACION: ARTURO GOMEZ

MUNICIPIO: ALCALA

AÑO: 1.987

ALTITUD: 1.320

LATITUD: 4-40 N.

LONGITUD: 75-48 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	20.4	18.1	91.7	19.055	16.8	0.0	0.0	0.0	0.0
2	15.6	26.6	21.3	79.8	19.663	17.1	0.0	58.1	58.1	4.5
3	13.0	26.0	20.1	79.3	17.901	15.6	0.0	7.5	7.5	7.1
4	15.0	25.8	20.9	83.0	20.420	17.8	0.2	0.0	0.2	4.4
5	15.5	26.5	20.7	82.1	19.895	17.4	0.0	0.1	0.1	3.3
6	17.5	24.5	20.1	84.1	19.813	17.3	3.6	3.5	7.1	2.2
7	16.8	26.0	21.1	87.1	21.576	18.7	0.0	0.0	0.0	3.0
8	16.0	26.8	21.1	81.5	19.984	17.5	21.1	0.0	21.1	4.2
9	17.0	26.5	21.9	81.9	21.103	18.4	0.0	1.0	1.0	5.9
10	17.5	25.5	21.3	84.5	21.149	18.4	0.5	0.0	0.5	1.9
11	15.4	30.0	23.2	74.5	20.775	18.1	0.0	0.0	0.0	8.5
12	17.0	28.2	23.1	77.4	21.152	18.3	0.0	0.0	0.0	6.3
13	16.5	26.4	21.5	83.7	21.405	18.6	27.0	0.0	27.0	3.9
14	17.0	27.5	20.6	81.8	19.955	17.5	4.0	0.0	4.0	4.9
15	17.5	25.0	20.2	80.9	19.379	17.0	2.9	5.8	8.7	4.0
16	16.0	21.8	19.0	90.9	19.906	17.4	1.7	5.0	6.7	0.0
17	15.0	24.0	20.3	83.6	19.441	17.0	0.0	0.0	0.0	4.6
18	16.0	29.5	23.0	76.7	20.915	18.2	0.0	0.0	0.0	7.9
19	16.5	29.0	20.8	80.8	20.014	17.5	14.2	0.0	14.2	6.5
20	16.5	26.0	19.9	81.8	18.982	16.7	1.4	1.1	2.5	2.5
21	16.0	23.8	19.7	85.3	19.247	16.9	0.1	22.7	22.8	2.2
22	16.0	24.5	19.4	84.9	19.258	16.9	3.7	29.4	33.1	3.5
23	15.5	24.4	18.0	88.2	18.503	16.3	3.6	7.3	10.9	3.1
24	15.0	25.0	21.4	84.3	21.004	18.2	0.0	0.0	0.0	3.9
25	16.0	27.5	22.0	76.5	20.633	18.0	0.0	0.0	0.0	5.1
26	17.5	26.5	21.0	87.8	22.117	15.1	34.5	0.0	34.5	3.3
27	16.8	27.5	21.5	83.2	21.179	18.4	2.5	0.0	2.5	5.2
28	16.4	29.0	22.8	81.8	22.573	19.4	0.2	0.0	0.2	7.6
29	17.0	28.2	23.5	82.0	23.226	19.9	0.0	0.0	0.0	5.0
30	17.5	30.2	23.8	77.8	22.267	19.2	0.0	0.0	0.0	7.9
31	17.8	30.0	24.5	76.0	22.495	19.4	0.0	0.0	0.0	6.9
PROM.	16.3	26.4	21.2	82.4	20.483	17.8	121.2	141.5	262.7	139.3

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	18.4	24.8	21.7	86.7	22.441	19.3	0.0	0.0	0.0	0.0
2	16.5	27.0	22.2	81.0	21.190	18.4	0.0	0.0	0.0	3.8
3	16.8	26.4	21.9	78.8	20.477	17.8	0.0	0.0	0.0	2.5
4	17.0	25.5	20.0	92.1	21.560	18.7	1.6	0.0	1.6	3.3
5	17.0	24.0	18.4	93.0	19.756	17.3	71.7	0.0	71.7	1.2
6	16.0	26.0	21.2	84.7	20.992	18.2	0.0	0.0	0.0	4.5
7	16.5	26.8	20.9	81.8	19.827	17.3	0.0	0.0	0.0	3.9
8	15.5	28.5	21.5	76.9	19.221	16.8	0.6	0.1	0.7	4.3
9	16.5	29.4	22.5	79.2	21.094	18.3	0.0	0.0	0.0	7.3
10	15.8	28.8	22.7	76.3	20.619	17.9	0.0	0.0	0.0	7.8
11	18.0	26.5	20.3	82.4	20.212	17.6	5.9	0.0	5.9	0.2
12	15.0	27.5	21.6	79.6	20.131	17.6	0.0	0.0	0.0	6.8
13	17.5	24.2	20.8	90.8	22.401	19.3	0.0	0.0	0.0	0.0
14	17.4	24.0	20.6	93.1	22.435	19.3	12.4	1.9	14.3	1.7
15	16.0	26.5	22.3	77.9	20.596	17.9	0.0	0.0	0.0	4.0
16	17.0	29.0	23.0	80.6	22.248	19.2	0.0	0.0	0.0	4.6
17	17.5	29.3	24.1	77.8	22.787	19.6	0.0	0.0	0.0	6.9
18	18.5	30.0	22.8	80.4	22.304	19.2	0.0	0.0	0.0	6.4
19	17.5	30.0	22.9	78.7	21.651	18.7	0.1	0.0	0.1	5.7
20	16.8	27.0	22.5	81.5	21.728	18.8	0.0	0.0	0.0	0.4
21	16.5	29.0	23.4	78.5	21.839	18.9	0.0	0.0	0.0	6.0
22	17.5	29.0	23.1	80.8	22.285	19.2	0.0	0.0	0.0	6.2
23	18.6	27.5	22.0	79.2	21.229	18.4	0.0	0.0	0.0	0.6
24	18.8	27.5	22.3	78.9	21.001	18.3	0.0	0.0	0.0	1.6
25	16.5	29.0	22.4	81.4	21.678	18.8	0.0	0.0	0.0	4.5
26	17.0	29.0	22.6	76.9	20.609	18.0	0.0	0.0	0.0	6.3
27	15.5	31.0	24.9	61.2	17.936	15.6	0.0	0.0	0.0	7.5
28	16.0	30.5	24.7	61.9	17.158	15.0	0.0	0.0	0.0	7.3
29	16.5	29.0	23.1	77.6	21.381	18.8	0.0	0.0	0.0	3.7
30	17.4	30.0	23.3	79.8	22.364	19.2	6.6	0.0	6.6	4.5
PROM.	16.9	27.8	22.2	80.3	21.040	18.2	98.9	2.0	100.9	123.9

ESTACION: ARTURO GOMEZ
 ALTITUD: 1.320

MUNICIPIO: ALCALA AÑO: 1.987
 LATITUD: 4-40 N. LONGITUD: 75-48 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
2	16.5	30.0	24.1	75.3	21.633	18.7	0.0	0.0	0.0	5.4
3	17.1	27.8	21.9	81.9	21.496	18.6	18.2	3.2	21.4	2.1
4	17.0	26.5	21.9	79.9	20.886	18.2	7.6	1.2	8.8	2.8
5	16.5	28.5	22.4	78.2	20.435	17.8	0.0	0.0	0.0	4.2
6	16.8	29.0	23.6	76.6	21.638	18.7	0.0	0.0	0.0	5.0
7	17.0	28.2	21.7	78.9	20.367	17.8	17.8	0.0	17.8	4.6
8	16.8	27.8	23.0	79.8	21.976	18.9	0.1	0.0	0.1	2.8
9	17.0	28.6	23.4	80.5	22.803	19.5	3.7	0.0	3.7	5.1
10	17.4	29.5	24.1	81.4	23.817	20.2	0.0	0.0	0.0	5.5
11	17.0	29.5	23.4	81.1	22.970	19.7	0.0	0.0	0.0	4.8
12	16.8	28.5	23.0	79.0	21.744	18.8	3.8	0.0	3.8	5.7
13	17.4	30.0	23.4	78.4	21.736	18.7	0.0	2.5	2.5	5.2
14	16.8	28.0	23.3	79.1	21.930	18.9	0.0	0.0	0.0	3.5
15	17.6	28.4	23.3	75.2	21.327	18.5	0.0	0.0	0.0	5.8
16	17.0	29.0	23.3	76.6	20.980	18.2	0.0	12.3	12.3	4.9
17	17.3	25.0	20.5	89.2	21.943	19.0	39.7	2.3	42.0	0.7
18	17.0	25.3	22.1	82.7	21.360	18.5	0.5	0.0	0.5	0.8
19	16.4	27.5	21.5	78.9	20.535	17.9	0.0	0.0	0.0	4.7
20	15.7	29.0	22.8	78.7	20.300	17.7	0.0	0.0	0.0	5.6
21	17.2	27.5	21.7	77.6	20.756	18.0	0.0	0.0	0.0	6.1
22	16.2	28.2	22.6	77.1	19.485	17.0	6.1	0.0	6.1	4.6
23	17.3	28.2	22.6	77.8	20.530	17.9	0.0	0.0	0.0	5.6
24	17.4	25.1	21.1	94.4	23.217	19.9	4.2	1.7	5.9	2.5
25	17.0	27.6	22.6	81.9	22.121	19.1	0.0	19.7	19.7	5.6
26	17.0	24.7	21.0	87.0	21.839	18.9	2.5	0.0	2.5	0.3
27	17.0	25.2	21.5	88.7	22.310	19.2	0.7	1.4	2.1	3.3
28	16.7	27.3	22.4	78.4	20.792	18.1	0.0	7.5	7.5	3.9
29	17.2	27.0	22.2	81.7	21.527	18.6	0.0	5.7	5.7	3.2
30	17.4	27.4	22.1	81.8	21.553	18.7	0.0	7.5	7.5	4.2
31	17.2	25.5	21.2	84.2	21.108	18.3	0.0	31.7	31.7	1.8
PROM.	16.9	27.7	22.5	80.5	21.479	18.6	104.9	96.7	201.6	125.5

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	
2	17.4	24.4	20.2	87.4	20.633	18.0	2.0	0.0	2.0	0.7
3	17.3	27.3	22.2	78.6	20.599	17.9	0.0	6.6	6.6	4.9
4	16.8	27.6	22.7	79.8	21.680	18.7	0.1	0.0	0.1	4.5
5	17.0	29.0	23.0	77.6	21.281	18.4	0.0	3.9	3.9	6.2
6	18.1	26.8	22.1	82.8	22.004	19.0	0.0	0.1	0.1	1.6
7	17.2	28.0	23.1	72.5	20.033	17.5	0.0	0.0	0.0	4.7
8	18.0	26.0	21.7	85.1	21.949	19.0	0.0	0.3	0.3	1.6
9	17.0	28.8	22.2	79.8	21.077	18.3	1.0	0.0	1.0	2.2
10	17.0	27.5	23.0	80.6	22.088	18.3	0.0	3.9	3.9	6.8
11	17.2	24.6	20.9	94.3	23.334	19.1	1.3	2.0	3.3	3.0
12	17.1	26.3	20.8	82.4	20.214	17.7	1.5	1.9	3.4	0.7
13	15.5	28.0	22.5	79.0	20.811	18.1	10.4	19.9	30.3	4.8
14	14.6	30.5	24.7	60.2	16.877	14.7	0.0	0.0	0.0	5.3
15	16.5	30.2	24.1	66.6	19.262	16.8	0.0	0.0	0.0	7.2
16	15.5	29.0	23.7	74.2	21.117	18.3	0.0	0.0	0.0	7.2
17	16.8	27.5	22.5	79.1	21.066	18.3	0.0	0.0	0.0	3.5
18	16.2	30.3	23.6	75.0	21.290	18.5	0.0	0.0	0.0	0.3
19	16.4	31.0	25.0	72.3	21.897	18.9	0.0	0.0	0.0	3.7
20	16.8	29.6	24.3	70.3	21.020	18.3	0.0	0.0	0.0	8.5
21	16.4	31.5	24.5	79.5	22.621	19.5	0.0	0.0	0.0	6.0
22	17.0	30.0	25.0	65.7	19.802	17.2	0.0	0.0	0.0	7.9
23	16.5	31.3	25.9	62.3	19.163	16.6	0.0	0.0	0.0	5.7
24	16.8	31.0	25.2	62.8	19.082	16.4	0.0	0.0	0.0	8.5
25	16.5	31.4	25.5	56.9	16.373	14.1	0.0	0.0	0.0	6.5
26	16.8	30.8	25.2	71.0	21.453	18.5	0.0	0.0	0.0	6.1
27	17.3	28.0	20.4	87.8	21.053	18.3	0.0	0.0	0.0	7.0
28	17.5	28.5	22.5	81.0	21.518	18.6	35.3	0.0	35.3	3.1
29	16.8	29.0	22.5	79.8	21.521	18.6	0.8	0.0	0.8	6.2
30	16.6	27.2	22.9	82.6	22.709	19.5	0.2	0.0	0.2	6.4
31	17.5	28.0	22.9	82.0	22.335	19.2	0.2	0.0	0.2	2.9
PROM	16.8	28.6	23.1	76.4	20.852	18.1	54.2	38.6	92.8	151.9

ESTACION: ARTURO GOMEZ

MUNICIPIO: ALCALA

AÑO: 1.987

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	17.8	26.0	20.5	92.8	22.440	19.3	0.8	0.0	0.8	3.4
2	14.8	28.0	22.6	72.5	19.056	16.7	0.4	15.8	16.2	7.3
3	18.5	24.5	20.4	94.8	22.894	19.6	2.6	0.0	2.6	0.9
4	17.5	24.6	21.1	85.6	21.129	18.3	2.9	11.3	14.2	0.8
5	17.4	23.8	20.0	88.9	20.888	18.2	1.4	0.0	1.4	0.2
6	14.8	28.0	22.3	76.3	19.516	17.1	0.0	1.0	1.0	6.4
7	17.5	29.0	23.1	74.6	20.066	17.4	0.0	0.0	0.0	4.7
8	17.8	26.5	21.3	85.5	21.609	18.7	0.0	0.0	0.0	3.0
9	17.5	27.3	22.5	81.7	21.780	18.8	0.0	2.0	2.0	2.4
10	17.2	27.0	22.4	80.3	21.306	18.5	0.0	0.0	0.0	4.5
11	15.5	29.3	23.2	72.6	19.384	16.8	0.0	0.0	0.0	6.6
12	17.5	30.4	23.2	75.2	20.938	18.1	0.2	0.0	0.2	7.3
13	17.5	30.0	23.0	78.8	21.963	18.9	0.2	34.4	34.6	5.6
14	16.8	28.8	21.4	84.9	21.649	18.8	0.0	9.3	9.3	6.1
15	18.8	29.4	22.8	77.8	21.345	18.5	5.8	2.5	8.3	6.2
16	16.8	31.6	24.5	75.8	22.349	19.2	0.0	1.2	1.2	8.8
17	19.0	30.8	23.7	77.8	22.192	19.1	3.4	0.0	3.4	6.7
18	17.0	29.0	23.2	77.9	21.480	18.6	0.0	0.0	0.0	5.7
19	17.5	30.0	22.7	79.1	21.481	18.6	3.9	4.0	7.9	7.6
20	16.8	24.5	19.0	96.5	21.126	18.4	24.5	3.0	27.5	1.6
21	17.8	26.5	21.2	83.9	21.066	18.3	4.4	0.0	4.4	3.0
22	17.8	28.8	22.8	77.9	21.023	18.2	0.0	0.0	0.0	4.9
23	18.0	27.0	22.4	77.7	20.796	18.1	0.0	0.0	0.0	2.3
24	18.2	29.8	21.8	79.4	20.618	18.0	7.7	0.1	7.8	5.7
25	17.5	23.4	20.2	92.2	22.167	19.1	1.5	0.0	1.5	0.0
26	14.8	26.8	21.7	78.8	20.209	17.7	0.0	0.0	0.0	2.2
27	17.4	29.4	24.5	75.7	22.265	19.1	0.0	0.0	0.0	6.4
28	17.8	29.5	22.0	78.2	20.729	18.1	2.0	0.2	2.2	3.8
29	15.5	28.3	21.3	80.7	20.122	17.6	2.3	48.0	50.3	5.8
30	17.3	25.0	20.4	79.8	19.062	16.7	3.9	0.0	3.9	1.6
PROM.	17.2	27.8	22.0	81.1	21.088	18.3	67.9	132.8	200.7	131.5

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	15.4	28.4	22.3	79.2	20.692	18.0	0.0	15.8	15.8	7.5
2	17.6	27.5	22.2	80.7	21.368	18.6	0.2	1.3	1.5	4.2
3	17.4	26.2	21.2	80.6	20.115	17.6	0.0	0.7	0.7	4.5
4	17.8	29.0	22.4	82.1	21.927	18.9	0.0	1.6	1.6	4.9
5	18.0	29.0	21.7	81.6	21.182	18.4	31.6	1.0	32.6	5.0
6	16.5	28.5	23.2	81.2	22.575	19.4	0.0	4.1	4.1	6.2
7	19.4	26.2	21.6	84.0	21.597	18.6	1.3	0.0	1.3	1.7
8	18.0	25.4	20.6	87.2	21.216	18.4	2.9	10.9	13.8	0.7
9	16.8	25.5	21.3	86.9	21.553	18.6	1.8	0.0	1.8	1.7
10	17.0	28.0	23.2	74.6	20.626	18.0	0.0	0.0	0.0	6.6
11	17.8	24.8	21.0	83.5	20.595	17.9	0.0	0.0	0.0	1.6
12	16.9	28.2	21.1	79.2	19.419	16.9	0.0	0.0	0.0	6.4
13	15.8	28.1	21.6	79.3	19.835	17.3	0.0	0.0	0.0	4.9
14	17.8	28.0	21.9	79.8	20.759	18.1	0.0	1.3	1.3	4.0
15	17.6	29.5	22.1	82.8	21.667	18.7	5.9	3.3	9.2	5.4
16	18.0	29.0	22.4	82.6	21.996	18.9	0.0	24.6	24.6	2.5
17	17.8	25.0	20.5	87.3	21.124	18.3	6.5	0.0	6.5	0.0
18	16.8	26.4	21.7	83.5	21.176	18.3	0.0	0.0	0.0	1.8
19	17.4	29.0	22.7	77.7	21.041	18.3	0.0	0.4	0.4	3.4
20	18.0	25.9	22.0	83.5	21.978	18.9	0.0	2.2	2.2	0.0
21	18.4	26.0	21.3	89.1	22.509	19.4	0.0	0.0	0.0	0.8
22	18.2	28.4	23.0	79.5	21.891	18.9	0.0	0.0	0.0	0.8
23	18.4	29.0	21.8	81.1	20.944	18.2	0.5	0.0	0.5	3.6
24	17.0	26.5	20.7	87.6	21.619	18.7	2.7	0.0	2.7	2.7
25	17.4	26.4	21.8	82.3	20.382	18.1	0.0	4.0	4.0	0.0
26	17.8	27.9	22.0	83.6	21.927	18.9	3.0	0.9	3.9	1.0
27	18.5	26.0	21.8	84.4	22.141	19.1	6.8	11.6	18.4	2.8
28	18.0	22.4	20.2	92.7	21.974	19.0	1.1	0.3	1.4	0.0
29	17.8	27.6	21.6	80.9	20.712	18.1	0.0	1.2	1.2	3.1
30	18.4	27.3	20.9	84.0	20.792	18.1	8.1	0.1	8.2	3.4
31	16.8	27.0	21.7	79.2	20.163	17.6	0.0	1.8	1.8	5.5
PROM.	17.6	27.1	21.7	82.6	21.229	18.4	72.4	87.1	159.5	102.3

ESTACION: ARTURO GOMEZ
 ALTITUD: 1.320

MUNICIPIO: ALCALA AÑO: 1.987
 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	16.4	27.6	21.6	76.3	19.101	16.7	0.1	0.0	0.1	6.9
2	17.5	28.0	22.6	72.0	19.026	16.5	0.1	3.1	3.2	7.0
3	17.8	26.5	21.5	82.2	20.802	18.1	0.0	0.0	0.0	3.6
4	17.1	26.0	21.8	82.3	21.245	18.4	0.8	0.0	0.8	3.0
5	17.5	28.1	22.4	80.4	21.368	18.5	0.0	0.0	0.0	6.4
6	17.8	27.5	21.6	83.1	21.508	18.7	13.2	0.0	13.2	4.4
7	16.5	26.6	21.1	83.5	21.118	18.4	0.8	0.0	0.8	5.5
8	14.8	26.7	21.3	84.3	20.672	17.5	2.0	0.0	2.0	6.5
9	16.0	30.0	23.2	79.5	21.971	18.9	0.0	0.0	0.0	7.9
10	16.8	29.9	23.7	77.2	21.939	18.9	0.0	0.0	0.0	8.4
11	17.3	29.2	22.5	83.3	22.561	19.4	2.1	0.0	2.1	4.9
12	18.0	29.5	22.9	79.7	21.878	18.8	0.5	0.0	0.5	5.8
13	18.7	28.0	22.8	81.6	22.563	19.4	0.2	0.6	0.8	4.0
14	18.8	26.5	22.3	83.5	22.489	19.3	0.2	7.8	8.0	2.5
15	18.0	27.2	21.8	82.5	21.440	18.5	0.0	0.0	0.0	3.9
16	18.1	29.0	23.0	78.8	21.697	18.6	0.0	0.0	0.0	6.5
17	17.8	29.5	23.7	78.9	22.563	19.3	0.0	0.0	0.0	6.2
18	18.7	28.8	22.4	81.9	22.282	19.2	0.0	3.6	3.6	3.3
19	18.6	27.6	21.3	84.3	21.476	18.6	28.0	4.6	32.6	3.2
20	17.5	27.4	21.6	85.6	21.984	19.0	25.3	35.7	61.0	4.9
21	16.5	26.0	21.3	85.7	21.429	18.6	0.0	0.0	0.0	2.3
22	15.4	29.2	23.3	74.7	20.382	17.7	0.0	0.0	0.0	10.0
23	16.0	29.5	23.5	75.7	21.227	18.4	0.0	0.0	0.0	9.1
24	17.7	29.0	23.4	74.5	21.153	18.4	0.0	0.5	0.5	7.0
25	17.3	23.4	20.1	88.3	20.946	18.2	0.8	0.1	0.9	0.0
26	17.0	27.0	21.8	81.3	20.941	18.2	0.0	1.0	1.0	4.6
27	17.2	26.8	22.0	78.1	19.973	17.4	0.0	0.0	0.0	3.6
28	15.4	29.3	22.4	75.7	19.757	17.2	0.0	0.0	0.0	8.8
29	16.7	29.2	23.2	80.1	21.828	18.7	0.0	0.0	0.0	7.2
30	17.8	20.0	18.7	97.4	21.220	18.4	22.9	0.0	22.9	0.0
PROM.	17.2	27.6	22.2	81.1	21.285	18.4	97.0	57.0	154.0	157.6

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	27.5	20.3	83.3	20.038	17.5	13.9	47.6	61.5	5.7
2	17.0	25.2	20.2	88.3	20.944	18.2	3.2	11.9	15.1	0.4
3	16.7	25.0	20.8	83.7	20.469	17.9	0.0	0.0	0.0	3.7
4	17.4	28.2	22.2	74.8	19.719	17.3	0.0	26.0	26.0	4.6
5	16.5	28.0	21.7	78.7	19.874	17.3	0.0	0.0	0.0	6.7
6	15.0	28.4	21.9	80.0	20.581	17.9	0.0	0.0	0.0	6.1
7	17.5	26.5	21.1	83.3	20.926	18.2	27.4	17.1	44.5	1.0
8	16.5	29.0	21.8	81.0	20.567	18.2	8.2	0.0	8.2	5.1
9	17.5	27.9	21.8	81.9	21.145	18.4	0.2	0.0	0.2	5.3
10	17.4	26.0	21.8	82.7	21.531	18.7	0.0	0.0	0.0	1.7
11	18.4	27.5	22.3	83.0	22.036	19.0	0.0	0.0	0.0	3.2
12	15.8	28.6	22.7	81.9	22.025	19.0	0.0	0.0	0.0	5.0
13	17.5	26.8	22.7	84.3	23.066	19.7	1.4	0.1	1.5	7.2
14	16.5	28.3	22.1	77.3	20.064	17.6	0.0	0.0	0.0	3.8
15	16.7	29.0	22.8	77.9	20.925	18.2	0.0	0.0	0.0	5.3
16	17.8	29.3	22.6	75.7	20.175	17.6	0.0	0.0	0.0	9.7
17	16.8	30.2	23.5	75.5	21.139	18.2	0.0	0.0	0.0	6.8
18	15.8	30.0	23.1	76.6	20.918	18.2	0.0	0.0	0.0	8.7
19	16.5	30.5	23.1	73.9	20.081	17.5	0.0	0.0	0.0	9.2
20	17.5	28.2	23.3	78.9	22.201	19.1	0.0	0.0	0.0	8.8
21	15.8	30.2	22.7	70.3	18.479	16.1	0.0	0.0	0.0	4.5
22	15.5	31.5	24.4	73.7	21.256	18.3	0.0	0.0	0.0	9.6
23	16.4	31.8	24.3	69.2	19.532	17.0	0.3	0.3	0.6	9.1
24	15.8	31.0	23.6	69.0	18.979	16.6	0.0	0.0	0.0	9.7
25	15.9	30.8	24.2	73.9	21.187	18.4	0.0	0.0	0.0	9.5
26	16.8	29.0	23.4	77.1	21.423	18.5	0.0	0.0	0.0	9.7
27	17.5	30.1	24.1	73.5	21.090	18.3	0.0	0.0	0.0	8.8
28	18.5	29.6	23.0	73.6	20.603	17.9	0.0	0.0	0.0	2.5
29	18.6	28.5	22.6	85.0	22.566	19.6	2.5	3.1	3.1	6.3
30	17.8	29.2	22.7	81.5	22.221	19.2	3.3	0.0	3.3	5.0
31	17.5	29.4	23.4	78.1	21.811	18.9	1.6	0.0	1.6	5.3
PROM.	16.8	28.7	22.6	78.3	20.915	18.1	62.0	134.8	196.8	181.8

ESTACION: ARTURO GOMEZ

MUNICIPIO ALCALA

AÑO 1.987

ALTITUD 1.320

LATITUD: 4-40 N.

LONGITUD 75-48 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tension vapor mb.	Punto rocío °C	PRECIPITACION		Brilla solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias Hluvias	
ENERO	16.5	28.5	22.2	14.0	31.0	79.6	20.750	18.0	136.6	11	180.8
FEBRERO	17.2	30.1	23.4	14.5	33.5	75.2	20.704	18.0	15.8	9	164.5
MARZO	17.2	28.7	22.9	14.8	31.8	78.7	21.405	18.5	168.0	17	145.2
ABRIL	17.4	28.1	22.6	15.8	31.0	81.6	22.013	19.0	250.6	17	
MAYO	16.3	26.4	21.2	13.0	30.2	82.4	20.483	17.8	262.7	20	139.3
JUNIO	16.9	27.8	22.2	15.0	31.0	80.3	21.040	18.2	100.9	7	123.9
JULIO	16.9	27.7	22.5	15.7	30.0	80.5	21.479	18.6	201.6	19	125.5
AGOSTO	16.8	28.6	23.1	14.6	31.8	76.4	20.852	18.1	92.8	15	151.9
SEPTIEMBRE	17.2	27.8	22.0	14.8	31.6	81.1	21.088	18.3	200.7	21	131.5
OCTUBRE	17.6	27.1	21.7	15.4	29.0	82.6	21.229	18.4	159.5	24	102.3
NOVIEMBRE	17.2	27.6	22.2	14.8	30.0	81.1	21.285	18.4	154.0	17	157.6
DICIEMBRE	16.8	28.7	22.6	13.5	31.8	78.3	20.915	18.1	196.8	12	181.8
PROMEDIO	17.0	28.1	22.4	14.7	31.1	79.8	21.104	18.3			
TOTAL									1940.0	189	

ESTACION: HERACLIO URIBE

MUNICIPIO: SEVILLA

AÑO: 1.987

ALTITUD: 1.540

LATITUD: 4-16 N.

LONGITUD: 75-55 W.

M F S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.6	24.1	18.7	85.4	18.360	16.1	0.2	0.0	0.2	3.4
2	13.8	25.5	19.2	78.8	17.112	15.0	0.0	0.0	0.0	6.2
3	14.2	26.2	19.6	78.7	17.762	15.5	1.1	1.5	2.6	6.6
4	15.0	25.5	19.4	79.9	17.801	15.6	0.1	0.0	0.1	5.3
5	14.0	24.1	18.9	82.5	17.714	15.6	0.0	0.0	0.0	2.8
6	14.5	25.6	19.3	79.0	17.211	15.1	2.6	0.2	2.8	4.5
7	16.0	20.6	17.4	94.7	19.017	16.7	0.6	1.9	2.5	2.6
8	15.5	23.8	18.5	85.8	18.307	16.1	0.0	0.0	0.0	4.0
9	15.4	24.4	19.4	79.4	17.963	15.8	0.0	0.0	0.0	2.7
10	15.0	24.6	19.8	78.4	17.668	15.5	0.0	0.0	0.0	4.4
11	15.6	21.8	18.0	88.4	18.553	16.3	3.0	0.0	3.0	0.0
12	14.5	24.0	19.5	82.5	18.728	16.5	0.0	0.0	0.0	4.7
13	14.4	25.6	20.1	80.7	19.077	16.7	0.0	0.0	0.0	6.8
14	14.5	25.8	20.2	77.3	18.022	15.8	0.0	0.0	0.0	5.5
15	14.3	26.2	20.3	78.2	18.189	16.0	0.0	0.0	0.0	7.0
16	15.0	25.5	20.2	76.3	17.796	15.8	0.0	0.0	0.0	4.3
17	15.4	27.3	20.5	77.6	18.098	15.8	0.0	0.0	0.0	8.1
18	14.5	25.4	19.6	76.6	16.927	14.8	0.0	0.0	0.0	4.4
19	15.6	20.0	17.3	93.3	19.011	16.6	6.1	0.0	6.1	0.0
20	14.4	24.0	19.4	80.3	17.870	15.7	0.0	0.0	0.0	2.3
21	14.8	21.4	18.6	87.5	18.477	16.2	0.0	0.0	0.0	0.1
22	15.3	23.0	17.7	85.0	17.543	15.4	40.7	0.2	40.9	2.5
23	14.7	24.3	18.3	81.7	17.379	15.2	0.4	0.0	0.4	3.4
24	15.4	25.6	19.7	78.3	17.365	15.1	0.0	0.0	0.0	4.2
25	14.4	25.2	19.5	79.9	17.820	15.7	0.0	0.0	0.0	3.2
26	15.0	25.3	19.3	79.5	17.616	15.5	0.0	0.0	0.0	4.3
27	15.3	25.3	19.6	80.6	18.205	16.0	0.0	0.0	0.0	5.4
28	15.4	26.5	20.1	79.8	18.583	16.3	0.0	7.3	7.3	6.4
29	15.5	26.8	20.9	76.1	18.318	16.1	0.0	0.0	0.0	6.1
30	14.8	24.8	20.5	78.8	18.593	16.3	0.0	0.0	0.0	4.5
31	15.8	24.0	19.7	81.0	18.205	16.0	0.0	0.0	0.0	1.0
PROM.	14.9	24.6	19.3	81.4	18.042	15.8	54.8	11.1	65.9	122.8

M E S - FEBREFO

DIA	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	20.3	73.0	17.588	15.5	0.0	0.0	0.0	6.8
2	15.0	28.5	23.1	56.5	14.264	11.7	0.0	0.0	0.0	8.9
3	16.8	23.2	19.9	74.6	17.176	15.1	0.0	0.0	0.0	0.5
4	15.4	26.2	20.7	72.7	16.987	14.9	0.0	0.0	0.0	5.1
5	16.0	26.0	19.6	79.4	17.990	15.8	0.1	0.0	0.1	2.9
6	15.7	25.7	20.1	81.0	18.386	16.0	0.0	1.5	1.5	5.1
7	15.2	25.5	20.5	74.9	17.773	15.6	0.0	0.2	0.2	4.6
8	15.6	25.6	19.3	82.6	18.757	16.5	0.0	0.0	0.0	4.9
9	15.0	25.0	19.7	79.9	18.063	15.9	0.0	0.0	0.0	6.6
10	16.0	27.0	21.2	76.5	18.645	16.4	0.0	0.0	0.0	3.1
11	16.8	24.4	19.9	83.5	19.272	16.9	0.2	0.0	0.2	2.0
12	16.8	23.4	18.0	89.4	19.021	16.7	2.9	0.0	2.9	3.4
13	15.0	24.0	18.3	85.9	17.802	15.7	0.0	0.0	0.0	4.2
14	16.0	20.0	17.9	92.8	19.161	16.8	0.8	0.0	0.8	0.0
15	14.0	26.0	20.3	76.2	17.512	15.2	0.0	0.0	0.0	4.2
16	16.0	26.5	20.3	80.8	18.966	16.6	0.6	0.0	0.6	3.6
17	16.4	25.0	20.5	78.0	18.361	16.1	0.0	8.1	8.1	2.3
18	16.5	25.4	21.1	78.0	19.011	16.6	0.0	0.0	0.0	4.0
19	16.0	27.0	20.0	78.8	18.138	16.0	4.4	0.0	4.4	4.2
20	16.2	27.6	21.6	78.0	19.634	17.2	0.0	0.0	0.0	5.7
21	15.4	24.2	21.3	73.9	17.977	15.6	0.0	0.0	0.0	6.1
22	16.8	24.2	22.2	70.7	19.093	15.7	0.0	0.0	0.0	6.9
23	16.5	24.5	23.1	69.0	18.278	16.0	0.0	0.0	0.0	6.7
24	16.8	29.0	22.1	72.2	18.310	16.0	0.0	0.0	0.0	4.9
25	16.8	27.0	22.0	66.6	16.628	14.5	0.0	0.0	0.0	4.2
26	16.0	30.0	22.1	72.0	18.234	15.5	0.0	0.0	0.0	8.4
27	15.4	29.3	22.4	72.7	18.808	16.5	0.0	0.0	0.0	6.3
28	16.8	24.8	22.7	68.0	17.995	15.8	0.0	0.0	0.0	5.5
PROM.	16.0	26.3	20.8	76.4	18.101	15.8	9.0	9.8	18.8	129.0

ESTACION: HERACLIO URIBE

MUNICIPIO: SEVILLA

AÑO: 1.987

ALTITUD: 1.540

LATITUD: 4-16 N.

LONGITUD: 75-55 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	28.4	22.1	72.0	18.227	15.9	0.0	0.0	0.0	5.7
2	17.0	27.2	21.6	72.6	18.284	16.0	0.0	0.0	0.0	1.0
3	15.8	27.5	21.7	70.3	17.611	15.4	0.0	29.3	29.3	4.1
4	15.5	20.5	17.7	95.5	19.234	16.9	27.3	0.0	27.3	0.0
5	15.3	26.8	20.2	76.9	17.826	15.7	0.0	13.4	13.4	5.3
6	14.5	25.4	19.8	75.7	16.793	14.7	0.0	1.7	1.7	7.0
7	14.8	24.0	19.9	79.8	18.140	16.0	0.0	38.0	38.0	0.8
8	15.5	24.0	19.6	77.1	17.193	15.1	0.3	0.4	0.7	3.9
9	15.8	21.4	17.4	86.4	17.339	15.3	18.9	4.1	23.0	0.0
10	13.8	24.4	18.9	78.0	16.784	14.7	0.0	0.0	0.0	6.5
11	15.0	23.5	19.0	82.6	18.045	15.9	4.9	0.0	4.9	2.4
12	14.8	25.0	19.3	80.7	17.857	15.7	10.1	0.0	10.1	6.7
13	14.5	23.0	17.9	88.3	18.468	16.3	6.6	1.7	8.3	2.9
14	14.5	24.5	19.6	80.7	18.047	15.9	0.0	0.0	0.0	6.3
15	15.5	25.0	19.4	78.9	17.525	15.4	0.0	0.0	0.0	2.8
16	16.2	23.5	19.4	80.6	18.177	16.0	0.0	0.0	0.0	1.0
17	15.8	26.0	19.7	79.9	18.060	15.8	1.6	0.0	1.6	4.0
18	16.5	26.6	20.8	76.9	18.452	16.2	0.0	0.0	0.0	5.3
19	17.0	25.5	21.1	76.3	18.844	16.5	0.0	0.0	0.0	1.6
20	15.5	28.5	21.6	73.9	18.533	16.3	0.0	0.0	0.0	8.2
21	14.5	26.8	21.4	77.1	19.131	16.7	0.0	0.0	0.0	3.0
22	16.4	27.6	21.8	72.3	18.412	16.2	0.0	0.0	0.0	5.8
23	17.0	23.5	19.9	82.7	19.267	16.9	0.0	0.0	0.0	2.8
24	16.8	26.6	20.7	73.7	18.041	15.8	0.0	0.0	0.0	1.5
25	16.5	28.2	20.8	75.6	18.264	16.0	1.6	0.0	1.6	8.2
26	15.8	26.2	21.6	77.4	19.248	16.8	0.0	0.0	0.0	2.5
27	16.4	24.4	20.5	81.6	19.745	17.3	0.4	0.0	0.4	1.8
28	16.5	25.6	20.1	78.5	18.364	16.1	0.0	0.0	0.0	2.2
29	16.4	26.6	21.2	73.7	18.103	15.9	0.0	0.2	0.2	1.8
30	17.8	27.0	19.3	91.5	21.117	18.3	3.6	1.2	4.8	2.1
31	16.4	25.4	19.4	81.1	18.036	15.8	0.0	0.0	0.0	3.0
PROM.	15.8	25.4	20.1	79.0	18.296	16.0	75.3	90.0	165.3	110.2

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	16.8	23.7	19.1	86.9	19.458	17.1	5.8	43.1	48.9	1.5
2	16.4	20.8	17.6	94.7	19.304	15.9	9.7	1.4	11.1	0.0
3	15.5	20.0	17.7	88.6	17.811	15.7	0.9	0.7	1.6	0.0
4	15.8	24.5	20.3	82.6	15.268	16.9	0.0	0.0	0.0	5.0
5	16.5	23.6	19.3	83.1	18.364	16.1	0.9	0.0	0.9	2.0
6	16.0	26.0	20.6	73.5	17.343	15.3	0.0	0.0	0.0	5.5
7	17.8	26.5	20.7	80.4	15.596	17.2	0.0	0.0	0.0	3.3
8	17.4	24.0	19.6	83.8	19.455	17.0	1.5	0.0	1.5	0.0
9	15.4	25.6	20.5	76.9	18.251	16.0	1.2	0.0	1.2	5.6
10	16.0	23.3	19.9	83.3	19.321	17.0	0.0	0.0	0.0	2.6
11	16.3	25.2	20.8	76.9	18.566	16.2	0.0	0.0	0.0	3.7
12	15.7	27.2	21.7	72.0	18.533	16.2	0.0	0.0	0.0	7.8
13	16.4	24.2	20.5	77.0	18.257	16.0	0.0	0.0	0.0	4.3
14	15.7	26.7	21.5	71.7	17.776	15.5	0.0	0.0	0.0	4.6
15	16.0	26.6	21.3	72.6	17.793	15.6	0.0	0.0	0.0	5.7
16	15.9	26.9	21.4	75.6	18.755	16.4	0.0	0.0	0.0	5.9
17	16.5	27.1	22.0	73.6	19.018	16.6	0.0	0.0	0.0	3.0
18	16.8	26.2	21.6	76.8	19.385	17.0	0.0	0.0	0.0	2.5
19	17.2	26.4	21.4	70.3	17.921	15.8	0.0	0.0	0.0	1.4
20	16.9	26.5	21.1	77.3	19.171	16.8	0.0	0.0	0.0	2.5
21	17.0	24.0	20.2	85.3	20.114	17.6	0.0	0.0	0.0	0.7
22	16.4	25.6	19.9	80.9	18.923	16.6	27.6	0.0	27.6	1.7
23	17.4	24.8	20.8	81.5	19.679	17.2	0.0	7.6	7.6	0.1
24	17.8	25.0	19.7	83.0	19.157	16.8	35.2	7.7	42.9	0.6
25	16.4	23.2	19.2	82.6	18.186	16.0	0.3	51.1	51.4	0.7
26	15.4	24.5	19.4	80.7	18.247	16.0	0.6	0.0	0.6	2.0
27	15.5	25.0	20.1	81.7	19.008	16.7	0.5	24.5	25.0	5.2
28	15.6	21.8	18.4	91.6	19.429	17.0	2.5	0.2	2.7	0.6
29	16.0	22.5	18.6	88.7	19.187	16.9	3.3	24.0	27.3	1.2
30	15.4	21.0	18.3	87.6	18.289	16.1	2.5	0.0	2.5	0.4
PROM.	16.3	24.6	20.1	80.7	18.786	16.5	92.5	160.3	252.8	83.2

ESTACION: HERACLIO URIBE

MUNICIPIO: SEVILLA

AÑO: 1.987

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	15.6	20.0	17.4	93.3	18.747	16.5	0.2	0.0	0.2	0.0
2	14.8	24.4	19.3	80.6	17.563	15.3	15.7	1.2	16.9	1.3
3	14.0	23.4	19.5	81.1	18.156	15.9	0.0	58.4	58.4	4.2
4	15.0	23.5	18.2	85.6	18.088	15.9	1.6	1.0	2.6	2.8
5	14.5	23.6	18.9	79.9	17.550	15.4	2.3	34.4	36.7	2.2
6	15.0	21.0	18.3	92.1	19.454	17.0	4.7	2.0	6.7	0.2
7	16.2	23.0	18.8	87.7	18.969	16.7	0.2	0.0	0.2	1.5
8	16.0	26.2	20.3	84.0	20.086	17.6	0.0	0.0	0.0	2.8
9	15.8	26.0	20.2	80.1	18.505	16.2	0.5	2.8	3.3	6.0
10	16.8	24.0	19.3	85.6	19.215	16.9	0.0	0.0	0.0	2.5
11	16.0	27.0	21.3	80.5	20.131	17.6	0.0	0.0	0.0	6.9
12	17.5	26.4	22.0	79.3	20.673	18.0	0.0	0.5	0.5	4.3
13	16.9	24.3	19.6	83.8	19.231	16.9	7.7	0.0	7.7	2.9
14	16.4	25.1	20.6	79.9	19.299	16.9	0.0	0.8	0.8	3.6
15	17.0	25.0	19.8	80.8	18.733	16.4	15.9	1.3	17.2	4.0
16	16.3	21.3	17.8	86.9	17.691	15.5	31.0	10.0	41.0	0.5
17	14.5	24.6	18.6	86.4	18.125	15.9	0.0	0.0	0.0	1.1
18	16.0	26.0	20.7	82.6	19.907	17.4	0.0	0.0	0.0	6.6
19	17.4	27.6	20.3	83.5	20.255	17.7	0.0	0.0	0.0	2.8
20	17.5	24.0	19.0	86.6	19.429	17.1	5.1	0.9	6.0	0.5
21	17.6	24.9	19.0	88.2	19.386	17.0	0.9	0.2	1.1	1.4
22	16.5	21.8	18.9	83.6	18.132	16.0	1.3	12.6	13.9	0.8
23	15.4	22.0	18.0	88.6	18.468	16.2	7.4	0.9	8.3	0.5
24	15.0	24.5	19.5	85.2	19.182	16.8	0.0	0.0	0.0	4.0
25	16.4	25.0	20.2	84.1	19.766	17.3	0.0	0.0	0.0	2.8
26	16.6	23.0	18.4	91.2	19.641	17.2	7.7	2.7	10.4	2.0
27	15.7	25.2	20.1	82.7	19.023	16.7	0.0	0.0	0.0	4.8
28	15.9	25.3	20.5	83.0	19.836	17.4	0.0	0.0	0.0	5.7
29	16.4	26.8	21.5	77.6	19.667	17.2	0.0	0.0	0.0	6.6
30	16.2	27.0	20.9	80.2	19.452	17.0	0.0	0.0	0.0	7.0
31	16.8	25.8	21.4	82.1	20.605	17.9	0.0	0.1	0.1	4.5
PROM.	16.1	24.4	19.6	84.1	19.128	16.8	102.2	129.8	232.0	96.8

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	17.4	23.0	20.0	84.7	19.812	17.4	0.1	0.0	0.1	0.3
2	16.5	25.5	20.6	82.2	19.815	17.3	0.0	0.0	0.0	3.3
3	16.9	24.5	20.4	80.4	18.998	16.6	0.0	0.0	0.0	1.6
4	16.6	24.0	19.5	80.5	18.197	16.0	0.3	1.6	1.9	2.6
5	16.0	22.0	19.2	87.7	19.384	17.0	5.8	0.0	5.8	1.4
6	14.5	23.6	19.5	84.0	19.264	16.9	0.0	0.0	0.0	3.1
7	16.5	23.5	20.3	85.0	20.159	17.6	0.1	0.0	0.1	1.3
8	17.0	25.0	21.0	80.7	19.922	17.4	0.0	0.0	0.0	3.9
9	17.0	26.0	21.0	77.3	19.627	17.2	0.0	0.0	0.0	5.0
10	16.4	26.1	21.0	77.3	18.907	16.6	0.0	0.9	0.9	5.0
11	17.5	23.4	19.8	84.3	19.615	17.2	0.0	0.0	0.0	0.0
12	16.5	26.4	21.6	75.4	19.144	16.8	0.0	0.1	0.1	6.3
13	18.0	23.0	20.4	85.1	20.381	17.8	0.0	0.0	0.0	0.2
14	17.0	23.2	20.1	84.8	19.769	17.3	0.0	0.0	0.0	1.6
15	16.8	24.0	19.6	78.2	17.669	15.5	0.0	0.0	0.0	2.2
16	16.0	26.4	20.4	79.9	18.721	16.4	0.0	0.0	0.0	4.7
17	16.5	26.0	20.6	83.2	19.937	17.5	0.0	0.0	0.0	5.1
18	17.2	25.8	21.1	80.6	19.833	17.3	0.0	0.0	0.0	4.0
19	16.8	27.2	21.5	76.6	19.301	16.9	0.0	0.0	0.0	5.4
20	16.2	24.2	20.2	80.9	18.942	16.5	0.0	0.0	0.0	1.0
21	15.4	27.4	21.9	71.4	18.633	16.4	0.0	0.0	0.0	7.8
22	16.2	26.8	20.8	78.8	19.003	16.7	0.0	0.0	0.0	5.9
23	17.4	25.0	20.6	79.9	19.383	17.0	0.1	9.3	9.4	0.5
24	16.8	23.0	19.4	87.7	19.717	17.3	0.0	0.0	0.0	0.8
25	16.4	25.5	20.5	80.2	19.070	16.8	0.0	0.0	0.0	3.0
26	16.0	26.0	21.2	74.7	18.489	16.2	0.0	0.0	0.0	4.5
27	14.8	27.0	21.6	66.6	16.664	14.5	0.0	0.0	0.0	8.8
28	15.0	26.3	21.0	74.2	17.796	15.6	0.0	0.0	0.0	6.8
29	15.4	24.6	20.2	78.7	18.543	16.3	0.0	0.0	0.0	6.8
30	16.8	25.3	20.5	76.6	18.054	15.9	0.0	0.0	0.0	3.6
PROM.	16.5	25.0	20.5	80.0	19.092	16.7	6.4	11.9	18.3	104.4

ESTACION: HERACLIO URIBE

MUNICIPIO: SEVILLA

AÑO:

1.987

ALTITUD: 1.540

LATITUD: 4-16 N.

LONGITUD: 75-55 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.7	25.2	20.0	79.9	18.351	16.1	0.3	0.0	0.3	2.8
2	14.7	25.5	20.4	75.3	17.588	15.5	0.0	0.0	0.0	5.0
3	16.7	24.0	19.6	84.5	19.242	16.9	6.3	3.8	10.1	3.2
4	15.8	23.6	18.3	85.2	17.858	15.7	6.1	0.1	6.2	3.4
5	15.0	23.1	19.2	84.8	18.352	16.1	0.9	0.0	0.9	2.9
6	14.8	25.5	20.5	75.5	17.558	15.3	0.0	0.0	0.0	5.6
7	15.4	25.1	19.1	79.7	17.553	15.4	0.2	0.0	0.2	4.2
8	15.0	24.0	19.8	80.7	18.231	16.0	0.0	0.0	0.0	3.2
9	16.0	26.0	20.7	80.7	19.256	16.5	0.0	0.0	0.0	5.9
10	16.8	25.8	20.8	82.0	19.787	17.3	0.0	0.0	0.0	4.6
11	15.5	25.4	21.0	77.4	18.730	16.4	0.0	0.0	0.0	1.7
12	15.8	25.6	20.8	81.1	19.573	17.1	0.2	0.0	0.2	6.5
13	15.3	25.8	20.8	77.1	18.774	16.5	0.0	0.0	0.0	4.7
14	15.4	25.2	20.4	76.4	17.894	15.7	0.0	0.0	0.0	3.2
15	16.8	24.8	19.7	83.6	19.257	16.9	5.7	0.0	5.7	4.1
16	15.7	24.9	18.7	84.3	18.118	16.0	19.5	4.4	23.9	5.4
17	16.0	23.0	18.5	85.9	18.537	16.3	12.1	0.0	12.1	0.9
18	14.8	22.9	18.3	81.8	16.999	14.9	0.2	0.0	0.2	4.9
19	15.6	26.2	20.4	76.4	18.284	16.1	0.0	0.0	0.0	7.3
20	15.3	25.5	21.0	76.4	18.810	16.5	0.0	0.0	0.0	4.6
21	15.4	24.8	20.4	78.9	18.464	16.2	0.0	0.0	0.0	5.4
22	16.5	24.7	19.7	78.4	17.956	15.8	0.0	0.0	0.0	3.5
23	14.5	24.5	19.8	82.2	18.332	16.0	0.0	0.8	0.8	3.3
24	16.6	22.0	18.5	89.7	19.147	16.8	3.2	7.1	10.3	1.0
25	15.8	24.5	19.7	80.3	18.171	16.0	0.1	0.2	0.3	4.2
26	16.0	20.5	18.6	93.3	20.012	17.5	1.5	0.0	1.5	0.2
27	14.8	23.0	18.9	83.9	18.367	16.2	0.2	0.0	0.2	1.9
28	15.8	22.5	18.5	81.5	17.438	15.3	20.1	3.7	23.8	1.1
29	15.7	23.7	18.5	90.9	19.582	17.2	18.5	23.0	41.5	2.4
30	15.8	23.2	18.8	85.5	18.373	16.2	0.4	19.3	19.7	1.5
31	15.4	21.0	17.7	88.9	18.159	16.0	0.0	59.1	59.1	0.3
PROM.	15.6	24.2	19.6	82.0	18.476	16.2	95.5	121.5	217.0	108.9

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	15.1	21.5	17.8	86.2	17.518	15.4	7.9	0.7	8.6	0.3
2	14.4	20.5	16.1	94.5	17.309	15.2	4.6	5.8	10.4	0.3
3	14.0	22.4	18.4	81.4	17.127	15.1	0.0	0.0	0.0	4.1
4	15.6	25.5	19.3	78.3	17.231	15.1	3.0	0.4	3.4	5.7
5	14.8	24.0	19.9	79.4	17.946	15.8	0.5	1.6	2.1	4.2
6	15.8	22.5	18.7	78.7	16.826	14.7	0.0	0.0	0.0	0.0
7	15.7	24.3	20.3	77.4	18.122	16.0	0.0	0.1	0.1	3.1
8	16.2	23.0	19.6	82.8	18.617	16.4	0.0	0.0	0.0	1.4
9	14.8	24.5	20.0	80.7	18.500	16.3	0.2	3.1	3.3	6.5
10	15.8	23.4	19.8	78.7	17.728	15.6	0.2	0.2	0.4	3.5
11	16.2	23.0	19.3	83.9	18.608	16.3	2.5	16.1	18.6	2.2
12	15.0	22.4	18.9	81.9	17.611	15.5	0.0	0.0	0.0	3.0
13	14.6	23.5	19.0	80.9	17.455	15.4	0.0	0.0	0.0	3.7
14	14.8	25.5	20.6	66.4	15.545	13.5	0.0	0.0	0.0	7.3
15	15.0	25.4	20.9	74.1	17.647	15.5	0.0	0.0	0.0	7.2
16	15.4	25.5	21.4	75.6	18.652	16.4	0.0	0.0	0.0	4.8
17	14.4	23.4	19.4	79.2	17.684	15.6	0.0	0.0	0.0	3.6
18	16.0	23.2	20.0	79.0	18.142	16.0	0.0	0.0	0.0	1.2
19	15.1	25.5	20.5	73.4	17.395	15.3	0.0	0.0	0.0	7.0
20	15.4	26.3	20.8	75.0	17.961	15.8	0.0	0.0	0.0	4.6
21	15.6	26.6	21.2	73.2	17.692	15.5	0.0	0.0	0.0	6.3
22	16.0	26.4	21.3	60.2	14.140	11.8	0.0	0.0	0.0	3.7
23	15.7	27.0	21.1	75.2	18.216	16.0	0.0	0.0	0.0	7.9
24	15.8	25.0	20.6	73.2	17.555	15.4	0.0	0.0	0.0	3.1
25	15.9	24.5	20.1	72.2	16.539	14.5	0.0	0.0	0.0	4.1
26	14.9	25.4	21.0	70.5	16.754	14.6	0.0	0.0	0.0	7.1
27	15.7	25.6	20.5	75.5	17.602	15.5	0.0	0.0	0.0	4.0
28	14.8	25.5	21.2	72.4	17.251	15.2	0.0	0.0	0.0	4.0
29	15.3	25.3	20.3	82.4	19.202	16.8	4.2	0.2	4.4	5.3
30	15.8	24.4	20.1	79.4	18.310	16.1	0.0	7.7	7.7	1.9
31	16.6	24.8	20.6	75.9	18.104	15.9	0.0	0.0	0.0	3.0
PROM.	15.4	24.4	20.0	77.3	17.580	15.4	23.1	35.9	59.0	124.6

ESTACION: HERACLIO URIBE
 ALTITUD: 1.540

MUNICIPIO: SEVILLA
 LATITUD: 4-16 N.

AÑO: 1.987
 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	16.0	24.4	19.3	79.6	17.700	15.6	0.0	0.0	0.0	3.8
2	15.5	24.6	20.3	71.8	16.697	14.6	0.0	1.1	1.1	5.0
3	16.2	22.5	17.9	87.6	18.220	16.0	34.7	0.0	34.7	0.8
4	14.9	22.4	18.3	83.5	17.418	15.3	2.0	69.0	71.0	1.0
5	15.0	19.6	17.6	92.9	18.618	16.4	5.8	0.0	5.8	0.4
6	14.4	24.8	19.5	77.7	17.199	15.1	0.0	0.3	0.3	7.2
7	15.2	25.6	19.7	71.2	15.882	13.8	0.1	1.8	1.9	3.0
8	16.8	24.3	19.4	81.1	18.471	16.2	0.0	0.0	0.0	1.2
9	15.7	24.0	20.1	80.7	18.592	16.3	0.6	0.0	0.6	2.2
10	15.0	24.5	19.7	76.7	17.469	15.3	0.0	0.0	0.0	4.2
11	15.4	25.2	20.2	79.4	18.322	16.1	0.0	0.0	0.0	4.6
12	15.6	26.5	20.2	75.4	17.386	15.2	0.0	0.0	0.0	4.7
13	15.8	26.0	21.1	74.8	18.505	16.2	0.0	12.3	12.3	4.8
14	15.4	23.0	18.5	86.0	18.462	16.2	3.2	0.3	3.5	3.5
15	16.0	25.0	20.3	79.5	18.506	16.3	0.0	0.0	0.0	6.1
16	15.8	26.0	20.9	74.7	17.907	15.7	0.0	0.0	0.0	6.1
17	17.0	25.6	21.1	73.9	18.021	15.8	0.0	0.0	0.0	6.1
18	16.4	26.0	20.8	73.8	17.904	15.5	0.0	0.0	0.0	6.3
19	15.0	26.2	19.8	79.7	18.503	16.2	35.5	0.0	35.5	6.3
20	16.0	22.5	17.6	87.3	17.983	15.8	39.6	4.8	44.4	5.5
21	14.8	22.0	17.8	85.7	17.506	15.4	4.5	0.4	4.9	1.4
22	15.5	24.0	18.9	78.4	16.813	14.7	0.0	0.0	0.0	2.2
23	15.6	22.5	18.3	88.8	18.857	16.6	0.0	0.0	0.0	3.5
24	15.6	23.2	18.3	82.6	17.280	15.2	1.5	3.3	3.3	0.6
25	15.8	19.6	17.3	93.4	18.522	16.3	4.3	0.0	1.5	2.7
26	14.5	22.6	18.7	84.1	18.040	15.9	0.0	0.2	4.5	0.0
27	15.6	26.0	21.0	78.3	19.032	16.7	0.0	0.0	0.0	1.7
28	16.4	24.0	19.4	82.9	19.072	16.7	0.0	0.0	0.0	6.9
29	13.8	24.3	19.0	75.9	16.037	14.4	0.2	0.2	0.4	1.8
30	14.0	19.6	15.9	96.5	17.563	15.4	0.0	48.2	48.2	3.4
PROM.	15.5	23.9	19.2	81.1	17.883	15.7	138.4	141.9	280.3	102.1

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	23.6	18.8	76.0	16.078	14.1	0.0	0.1	0.1	6.1
2	15.4	22.6	18.2	87.1	18.382	16.2	4.3	0.0	4.3	0.8
3	14.5	23.7	18.1	80.9	17.028	14.9	29.8	0.0	29.8	3.3
4	14.9	24.5	19.4	81.7	18.253	16.1	0.0	0.0	0.0	3.9
5	15.5	22.5	19.0	88.5	19.626	17.2	0.6	5.8	6.4	2.6
6	15.1	24.5	19.7	81.6	18.540	16.3	0.0	0.0	0.0	4.6
7	16.4	23.4	18.9	81.5	17.991	15.8	0.2	0.0	0.2	1.5
8	15.8	21.6	17.3	86.7	17.554	15.4	4.3	13.2	17.5	1.1
9	14.5	21.5	17.4	91.7	18.010	15.8	2.5	0.1	2.6	0.6
10	15.2	23.5	19.8	78.7	18.109	15.9	0.0	0.1	0.1	1.9
11	16.0	22.2	18.4	89.7	18.883	16.6	1.0	0.0	1.0	1.6
12	15.9	25.4	19.4	81.6	18.266	16.0	1.8	0.0	1.8	2.6
13	15.0	24.8	19.5	76.5	17.285	15.2	0.0	33.9	33.9	4.6
14	15.6	23.7	18.2	81.7	17.097	15.0	0.3	0.0	0.3	2.0
15	15.5	23.6	19.0	84.0	18.410	16.2	0.0	0.6	0.6	2.0
16	16.0	23.5	18.3	88.1	19.385	17.0	15.6	7.3	22.9	2.9
17	15.7	20.0	17.7	93.8	18.790	16.5	0.5	0.0	0.5	0.0
18	15.5	20.7	18.1	89.9	18.757	16.5	3.9	0.0	3.9	0.0
19	15.0	24.5	19.9	77.4	17.653	15.5	0.0	0.0	0.0	0.0
20	16.4	22.0	19.1	87.0	19.270	16.9	0.0	1.1	1.1	3.6
21	14.9	20.6	18.5	90.6	18.925	16.6	0.0	12.0	12.0	0.0
22	15.0	23.5	19.0	80.4	17.935	15.8	0.0	0.0	0.0	0.0
23	15.4	23.8	19.4	79.8	17.743	15.6	0.0	0.0	0.0	1.9
24	16.3	23.5	18.3	85.1	18.265	16.1	0.0	0.0	0.0	1.8
25	14.0	21.6	18.0	85.1	17.377	15.3	6.8	0.0	6.8	3.1
26	15.6	23.5	20.0	83.2	19.032	16.6	0.0	4.9	4.9	0.9
27	15.8	21.0	18.1	90.5	18.966	16.7	0.6	0.2	0.8	0.8
28	15.5	18.6	17.0	92.6	17.904	15.8	3.8	31.5	35.3	0.4
29	14.9	22.1	18.2	82.2	16.979	14.5	4.0	0.0	4.0	0.0
30	15.6	23.3	18.1	89.1	18.504	16.3	2.1	0.0	2.1	0.8
31	14.4	22.5	18.1	84.9	17.710	15.6	0.0	0.0	0.0	1.3
PROM.	15.3	22.8	18.6	84.8	18.152	15.9	83.7	112.4	196.1	59.6

ESTACION: HERACLIO URIBE
 ALTITUD: 1.540

MUNICIPIO: SEVILLA
 LATITUD: 4-16 N.

AÑO: 1.987
 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	14.3	23.4	18.8	77.5	16.365	14.4	0.0	0.0	0.0	5.3
2	14.9	24.7	19.5	70.5	15.535	13.2	0.0	2.2	2.2	7.0
3	14.8	23.2	18.9	82.4	17.865	15.7	0.0	3.1	3.1	2.5
4	15.5	22.2	18.8	83.0	17.767	15.6	0.3	0.0	0.3	1.3
5	15.3	23.3	19.4	79.8	17.737	15.6	0.0	0.0	0.0	2.6
6	14.8	22.8	19.6	82.9	18.928	16.6	0.0	0.0	0.0	0.6
7	16.0	24.4	18.9	81.8	17.825	15.7	0.2	0.0	0.2	3.5
8	14.8	24.0	18.7	82.1	17.620	15.5	0.0	0.0	0.0	4.2
9	15.0	25.5	20.1	78.5	18.352	16.1	0.0	0.0	0.0	6.8
10	15.5	25.0	19.7	75.1	16.865	14.7	0.0	1.4	1.4	4.9
11	14.8	24.5	20.1	81.4	18.834	16.6	0.0	0.0	0.0	2.7
12	16.0	25.0	19.2	81.8	18.216	16.0	21.7	0.7	22.4	4.0
13	16.2	23.6	19.1	85.4	18.878	16.6	11.3	0.9	12.2	2.0
14	15.8	24.8	18.9	84.5	18.605	16.4	27.8	44.0	71.8	2.4
15	16.0	23.2	19.1	84.6	18.919	16.6	0.7	0.0	0.7	2.0
16	16.2	24.5	19.6	84.2	19.227	16.9	0.0	0.0	0.0	0.0
17	15.8	24.0	20.2	81.1	19.046	16.8	0.0	0.0	0.0	2.2
18	16.0	23.0	18.7	90.0	19.809	17.3	26.2	0.0	26.2	1.3
19	16.2	22.8	18.7	87.4	18.894	16.6	3.7	15.9	19.6	0.6
20	15.5	23.1	19.2	83.5	18.416	16.2	0.0	33.9	33.9	2.4
21	15.0	21.8	18.2	85.5	17.787	15.7	0.0	0.0	0.0	0.6
22	14.5	24.0	18.8	80.2	17.116	15.0	0.0	0.0	0.0	5.1
23	15.4	25.0	20.2	80.1	18.893	16.6	0.0	0.0	0.0	5.7
24	15.5	26.0	20.3	81.9	19.315	16.9	0.0	5.2	5.2	4.4
25	15.8	20.0	17.6	91.4	18.413	16.2	2.2	0.0	2.2	0.0
26	15.5	22.3	18.4	85.3	18.000	15.9	0.3	0.9	1.2	2.8
27	15.0	23.8	18.5	81.9	17.344	15.3	0.0	0.0	0.0	3.5
28	14.5	23.7	19.6	78.4	17.526	15.4	0.0	0.0	0.0	4.2
29	15.5	25.5	20.5	77.9	18.420	16.2	0.0	0.0	0.0	4.5
30	14.5	18.2	15.4	94.0	16.773	14.7	32.7	0.0	32.7	0.0
PROM.	15.4	23.6	19.1	82.5	18.110	15.9	127.1	108.2	235.3	92.7

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	13.2	23.5	18.0	80.0	16.205	14.2	0.0	15.8	15.8	3.2
2	14.8	22.5	17.7	84.5	17.148	15.1	0.5	3.3	3.8	0.8
3	14.5	21.8	18.1	87.3	18.954	16.6	1.9	2.1	4.0	1.2
4	15.5	23.5	18.4	83.3	17.477	15.4	1.7	2.6	4.3	3.1
5	15.3	23.0	17.9	85.4	17.493	15.4	13.5	0.0	13.5	1.4
6	15.5	22.6	18.3	90.9	19.155	16.8	0.3	0.0	0.3	3.1
7	15.7	23.0	18.0	84.6	17.424	15.3	1.0	0.0	1.0	1.7
8	15.0	23.6	19.3	80.0	18.183	16.0	0.0	0.0	0.0	4.1
9	14.8	23.2	18.7	81.6	17.797	15.7	0.0	0.0	0.0	0.7
10	15.0	22.6	18.2	87.4	18.202	16.0	0.0	0.0	0.0	0.9
11	15.8	23.5	19.3	82.2	18.189	16.0	0.0	0.0	0.0	3.0
12	15.6	24.0	20.2	84.7	19.753	17.3	0.0	0.0	0.0	1.9
13	16.5	24.4	20.4	83.0	19.666	17.2	0.0	0.0	0.0	1.3
14	16.8	24.5	19.8	84.0	19.377	17.0	0.0	0.0	0.0	1.2
15	15.2	25.0	19.9	76.9	17.679	15.5	0.0	0.0	0.0	5.9
16	15.3	25.2	19.9	75.6	17.480	15.4	0.0	0.0	0.0	4.2
17	15.4	26.4	20.9	76.1	18.492	16.2	0.0	0.0	0.0	7.8
18	15.0	25.5	20.1	74.8	17.372	15.3	0.0	0.0	0.0	6.4
19	15.8	26.1	20.5	79.7	19.083	16.8	0.0	0.0	0.0	5.7
20	15.9	25.6	21.2	78.6	19.516	17.1	0.0	0.0	0.0	4.1
21	16.0	25.5	21.2	74.1	18.282	16.0	0.0	0.0	0.0	7.3
22	15.8	25.0	21.1	78.0	19.336	16.9	0.0	0.0	0.0	6.9
23	16.0	25.3	21.8	77.3	19.822	17.4	0.0	0.0	0.0	5.9
24	16.2	25.0	21.4	75.3	18.717	16.4	0.0	0.0	0.0	6.4
25	15.0	26.4	21.4	74.8	18.467	16.2	0.0	0.0	0.0	4.8
26	15.5	24.4	20.9	82.8	20.090	17.5	0.0	0.0	0.0	2.7
27	15.2	24.5	19.4	84.5	19.103	16.8	19.6	3.6	23.2	1.9
28	10.5	24.0	19.7	85.8	19.477	17.0	1.4	0.6	2.0	2.4
29	15.2	23.6	19.1	83.3	18.455	16.2	0.1	2.1	2.2	2.2
30	15.0	24.3	19.2	80.0	17.441	15.2	0.0	1.0	1.0	5.4
31	16.2	24.5	19.3	84.4	19.036	16.7	0.3	0.0	0.3	5.4
PROM.	15.5	24.4	19.7	81.3	18.480	16.2	40.3	31.1	71.4	113.0

ESTACION HERACLIO URIBE MUNICIPIO SEVILLA AÑO 1.987
 ALTUD 1.540 LATITUD 4-16 N. LONGITUD 75-55 W.

MESES	TEMPERATURA °C					Humedad relativa o/g.	Tension vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias lluvias	
ENERO	14.9	24.6	19.3	13.8	27.3	81.4	18.042	15.8	65.9	10	122.8
FEBRERO	16.0	26.3	20.8	14.0	30.0	76.4	18.101	15.8	18.8	9	129.0
MARZO	15.8	25.4	20.1	13.8	28.5	79.0	18.290	16.0	165.3	15	110.2
ABRIL	16.3	24.6	20.1	15.4	27.2	80.7	18.780	16.5	252.8	15	83.2
MAYO	16.1	24.4	19.6	14.0	27.6	84.1	19.128	16.8	232.0	19	96.8
JUNIO	16.5	25.0	20.5	14.5	27.4	80.0	19.092	16.7	18.3	7	104.4
JULIO	15.6	24.2	19.6	14.5	26.2	82.0	18.476	16.2	217.0	19	108.9
AGOSTO	15.4	24.4	20.0	14.0	27.0	77.3	17.580	15.4	59.0	10	124.6
SEPTIEMBRE	15.5	23.9	19.2	13.8	26.5	81.1	17.883	15.7	280.3	18	102.1
OCTUBRE	15.3	22.8	18.6	13.5	25.4	84.8	18.152	15.9	196.1	25	59.6
NOVIEMBRE	15.4	23.6	19.1	14.3	26.0	82.5	18.110	15.9	235.3	16	92.7
DICIEMBRE	15.5	24.4	19.7	13.2	26.5	81.3	18.480	16.2	71.4	12	113.0
PROMEDIO	15.7	24.5	19.7	14.1	27.1	80.9	18.344	16.1			
TOTAL									1812.2	175	1247.3

ESTACION: MANUEL MALLARINO

MUNICIPIO: TRUJILLO

AÑO: 1.987

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	15.5	27.5	21.9	71.4	18.100	15.9	0.0	0.0	0.0	5.6
2	16.4	28.3	22.3	65.6	17.005	14.9	0.1	0.0	0.1	8.6
3	17.0	29.2	22.1	70.3	18.124	16.0	0.0	0.0	0.0	6.9
4	16.8	26.3	21.1	74.8	18.630	16.4	0.0	0.0	0.0	4.4
5	16.5	27.1	21.4	64.9	15.880	13.8	0.0	0.0	0.0	6.0
6	18.0	28.0	22.2	77.8	20.763	18.1	0.3	0.0	0.3	3.6
7	18.0	24.5	20.3	90.0	21.583	18.7	0.1	0.0	0.1	0.6
8	17.2	26.8	22.0	66.0	16.900	14.7	0.0	1.1	1.1	6.6
9	18.0	28.8	22.9	74.3	20.297	17.7	0.1	0.0	0.1	6.8
10	17.4	27.4	22.2	75.8	20.020	17.5	0.0	0.0	0.0	5.5
11	18.3	26.5	20.9	77.3	19.082	16.7	0.5	0.0	0.5	0.2
12	18.0	26.8	21.0	69.0	16.863	14.7	0.0	0.0	0.0	6.5
13	16.5	28.0	20.4	79.2	18.716	16.4	0.0	0.0	0.0	9.3
14	17.0	28.0	21.5	67.6	16.812	14.7	0.0	0.0	0.0	7.3
15	17.3	30.0	22.7	66.7	17.480	15.4	0.0	0.0	0.0	8.8
16	17.5	29.2	22.8	66.6	17.915	15.7	0.0	0.0	0.0	6.9
17	17.7	30.3	22.9	66.2	17.625	15.4	0.0	0.0	0.0	9.4
18	17.4	28.5	22.7	67.7	17.850	15.6	0.2	0.0	0.2	7.2
19	18.7	25.0	20.0	82.0	19.292	16.9	0.4	0.0	0.4	0.6
20	16.6	26.8	20.5	76.6	18.246	16.1	0.2	0.0	0.2	2.7
21	18.0	25.3	21.4	72.8	18.155	15.9	0.0	0.0	0.0	0.6
22	18.8	25.1	20.5	81.5	19.688	17.2	0.0	0.2	0.2	1.6
23	17.3	26.3	20.5	76.7	18.066	15.8	15.9	0.0	15.9	2.3
24	18.3	28.8	21.9	64.0	16.220	14.1	0.0	0.0	0.0	7.7
25	17.6	27.8	19.9	78.9	18.343	16.0	0.0	0.0	0.0	6.0
26	17.8	28.5	22.0	64.8	16.538	14.4	0.0	0.0	0.0	6.0
27	18.8	29.0	22.5	67.4	17.866	15.6	0.0	0.1	0.1	7.7
28	18.8	30.0	22.7	65.7	17.556	15.3	0.0	0.0	0.0	8.0
29	17.7	30.6	22.6	70.1	18.504	16.2	4.6	0.0	4.6	7.8
30	17.8	27.3	22.2	67.6	17.192	15.0	0.0	0.0	0.0	5.4
31	18.8	29.0	21.7	77.3	19.754	17.2	0.6	0.0	0.6	3.7
PROM.	17.6	27.8	21.7	72.1	18.228	15.9	23.0	1.4	24.4	170.3

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.8	29.9	23.5	66.7	18.321	16.0	0.0	0.0	0.0	8.0
2	17.5	31.0	23.3	58.4	15.372	13.2	0.0	0.0	0.0	8.7
3	18.7	28.5	22.3	67.3	17.859	15.7	0.0	0.0	0.0	1.7
4	17.6	28.0	22.5	66.1	17.048	14.9	0.0	0.0	0.0	6.7
5	18.5	28.8	22.5	69.8	18.686	16.4	0.0	0.0	0.0	3.1
6	17.5	29.0	22.5	68.1	18.327	16.1	0.0	1.0	1.0	5.6
7	18.0	29.0	22.4	66.8	17.176	15.0	0.0	22.8	22.8	6.7
8	16.9	27.5	21.6	73.5	18.328	16.1	0.0	0.0	0.0	3.8
9	17.4	29.0	22.3	69.7	18.061	15.8	0.0	0.0	0.0	7.2
10	17.6	29.0	22.8	66.7	17.819	15.6	0.0	0.0	0.0	7.3
11	18.5	28.0	22.8	67.6	18.381	16.1	0.0	0.9	0.9	4.7
12	18.8	25.7	19.3	92.9	20.740	18.0	13.9	1.4	15.3	3.2
13	18.0	25.0	20.6	80.6	19.190	16.8	0.1	6.7	6.8	4.2
14	17.5	22.0	19.7	80.1	18.160	15.9	0.0	0.0	0.0	0.1
15	16.0	23.0	20.3	80.4	18.712	16.4	0.0	0.0	0.0	6.7
16	17.5	28.0	21.5	69.6	17.416	15.3	0.0	0.0	0.0	6.1
17	18.0	26.3	21.3	72.6	18.121	15.9	0.0	7.3	7.3	3.6
18	17.8	28.0	21.9	70.5	17.818	15.6	0.0	0.0	0.0	6.4
19	18.5	27.3	22.3	75.2	19.925	17.4	0.0	0.0	0.0	5.0
20	18.0	28.3	23.5	69.5	19.064	16.7	0.0	0.0	0.0	7.4
21	18.0	29.1	23.8	73.0	20.533	17.9	0.0	0.0	0.0	8.3
22	17.5	28.8	21.1	71.8	17.868	15.7	0.0	0.0	0.0	7.5
23	17.0	31.5	23.4	61.0	16.972	14.9	0.0	0.0	0.0	7.9
24	19.0	31.5	23.1	63.5	17.159	15.0	0.0	0.0	0.0	6.0
25	17.5	30.0	22.4	65.4	16.681	14.6	0.0	0.0	0.0	6.9
26	18.0	31.3	23.3	63.4	17.400	15.2	0.0	0.0	0.0	8.7
27	18.6	31.2	24.3	64.9	18.516	16.2	0.0	0.0	0.0	7.5
28	18.4	31.5	23.8	65.3	18.240	15.9	0.0	0.0	0.0	6.6
PROM.	17.8	28.4	22.3	70.0	18.139	15.9	14.0	40.1	54.1	166.0

ESTACION: MANUEL MALLARINO
 ALTITUD: 1.380

MUNICIPIO: TRUJILLO

AÑO: 1.987

LATITUD: 4-10 N.

LONGITUD: 76-21 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	30.5	23.5	64.4	18.050	15.8	0.0	0.0	0.0	6.8
2	18.6	28.0	22.2	70.9	18.497	16.2	0.0	0.0	0.0	0.1
3	17.5	30.0	22.9	64.9	17.283	15.1	0.0	1.5	1.5	8.1
4	17.5	22.0	18.5	93.0	19.670	17.3	8.9	0.0	8.9	0.1
5	16.0	27.5	22.3	69.2	17.597	15.5	0.0	0.9	0.9	7.3
6	16.4	26.0	20.5	71.9	16.986	14.9	0.0	0.0	0.0	6.1
7	18.5	27.2	22.6	66.6	17.398	15.2	0.0	1.5	1.5	1.6
8	17.5	25.0	20.6	71.8	16.899	14.8	0.1	3.2	3.3	4.3
9	17.4	21.0	19.3	88.9	19.807	17.3	2.7	0.0	2.7	0.1
10	16.5	27.0	21.2	67.1	16.117	14.0	0.0	0.0	0.0	7.0
11	17.5	26.8	21.8	70.9	18.046	15.8	0.6	0.0	0.6	2.9
12	17.8	27.5	22.8	64.1	17.009	14.9	0.0	0.0	0.0	5.6
13	18.0	25.0	20.0	81.0	18.919	16.6	0.1	0.6	0.7	2.2
14	17.0	27.4	21.3	76.3	18.687	16.3	1.4	0.0	1.4	6.1
15	17.6	27.0	21.7	72.9	18.491	16.2	0.0	0.6	0.6	5.3
16	18.0	24.8	20.7	85.4	20.656	18.0	15.5	0.0	15.5	2.5
17	17.4	26.5	21.7	74.1	19.141	16.8	0.0	0.0	0.0	2.7
18	17.5	27.8	22.4	68.6	17.861	15.7	0.0	0.0	0.0	7.8
19	18.0	28.0	22.8	65.9	17.556	15.4	0.0	0.0	0.0	4.4
20	17.5	29.4	22.8	63.2	16.790	14.7	0.0	0.0	0.0	8.5
21	18.6	28.2	22.6	69.9	18.505	16.3	0.1	0.0	0.1	3.4
22	18.5	25.0	20.7	70.9	17.534	15.4	0.0	0.0	0.0	4.7
23	17.3	24.0	20.7	83.7	20.349	17.8	0.0	0.0	0.0	0.0
24	17.8	28.0	22.7	67.4	17.738	15.5	0.0	0.0	0.0	6.7
25	17.6	29.0	22.2	74.4	19.303	16.8	0.0	0.0	0.0	7.9
26	18.0	28.0	22.7	71.0	18.986	16.7	0.0	0.0	0.0	6.3
27	18.5	26.8	21.8	68.7	17.634	15.4	0.6	0.0	0.6	2.9
28	18.6	27.5	22.6	68.3	18.319	16.1	0.0	0.0	0.0	5.4
29	18.8	27.8	22.9	67.0	18.333	16.1	0.0	0.0	0.0	1.7
30	17.5	21.8	19.0	95.0	20.927	18.2	27.9	0.1	28.0	0.4
31	18.0	25.5	20.9	84.6	20.791	18.1	0.6	0.0	0.6	2.7
PROM.	17.7	26.6	21.6	73.3	18.383	16.1	58.5	8.4	66.9	131.6

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	27.2	21.2	79.0	19.717	17.2	0.0	7.7	7.7	3.9
2	17.8	23.5	19.7	84.4	19.452	17.0	20.8	12.0	32.8	0.0
3	17.5	22.5	19.1	83.2	18.275	16.0	0.0	0.0	0.0	0.0
4	16.4	26.2	21.5	73.9	18.282	16.1	0.0	6.9	6.9	3.8
5	17.8	24.5	20.5	83.1	19.788	17.3	1.1	0.0	1.1	0.3
6	17.5	26.6	20.6	77.3	18.876	16.6	0.0	0.0	0.0	8.2
7	18.8	28.0	21.9	71.5	18.690	16.4	0.0	0.0	0.0	3.0
8	19.0	25.0	20.5	85.3	20.677	18.0	7.2	0.0	7.2	0.2
9	16.8	26.5	21.8	72.8	18.571	16.0	0.0	0.0	0.0	7.6
10	17.5	26.0	21.8	72.8	18.571	16.2	0.0	0.0	0.0	2.8
11	17.8	26.8	22.5	70.9	18.603	16.3	0.0	0.0	0.0	5.0
12	17.4	29.2	23.4	64.4	17.732	15.4	0.0	0.0	0.0	8.6
13	18.0	27.5	22.9	68.9	18.837	16.6	0.0	0.0	0.0	4.4
14	18.0	29.0	23.6	65.6	18.454	16.2	0.0	0.0	0.0	6.4
15	18.5	29.4	23.7	63.2	17.669	15.5	0.0	0.0	0.0	8.2
16	18.2	26.0	23.0	61.5	16.433	14.2	0.0	0.0	0.0	5.4
17	18.4	28.0	22.5	63.7	16.750	14.7	0.0	0.0	0.0	1.9
18	18.6	28.6	23.3	65.8	18.460	16.3	0.0	0.0	0.0	5.4
19	18.4	27.5	21.7	75.3	19.554	17.1	0.0	0.0	0.0	2.4
20	18.0	28.5	21.0	76.0	18.925	16.6	0.0	0.2	0.2	0.2
21	18.5	27.9	22.9	66.6	18.139	15.5	0.0	0.0	0.0	0.9
22	18.6	28.8	23.2	67.3	18.436	16.2	0.0	0.0	0.0	4.7
23	17.7	29.2	23.2	68.8	19.053	16.7	46.4	10.5	73.1	0.4
24	18.8	26.3	20.1	75.8	17.589	15.3	0.0	26.7	26.7	1.9
25	16.5	25.0	21.0	84.0	20.483	17.8	0.0	1.5	1.5	3.0
26	16.4	25.1	19.5	82.1	18.701	16.4	4.9	0.2	5.1	5.4
27	16.5	27.4	21.9	70.2	17.670	15.4	0.0	8.1	8.1	1.3
28	16.8	25.0	20.8	80.5	19.576	17.1	8.0	7.2	15.2	2.5
29	17.2	24.8	20.6	78.1	18.591	16.4	0.0	10.0	10.0	1.5
30	16.9	24.0	20.3	74.3	17.365	15.3	0.0	7.5	7.5	
PROM.	17.7	26.7	21.7	73.5	18.586	16.3	88.4	98.5	186.9	106.5

ESTACION: MANUEL MALLARINO

MUNICIPIO: TRUJILLO

ANO: 1.987

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	15.8	22.0	19.0	87.3	19.123	16.8	0.0	0.0	0.0	3.9
2	16.0	26.4	19.3	66.1	14.894	12.8	27.6	6.1	33.7	4.8
3	16.5	28.0	20.7	76.2	18.354	16.1	0.0	14.3	14.3	5.8
4	17.0	24.0	20.0	87.6	20.705	18.0	0.6	0.0	0.6	1.4
5	16.8	25.0	20.0	77.0	17.751	15.6	0.4	3.4	3.8	3.0
6	16.5	23.0	20.0	80.7	18.712	16.4	14.5	0.4	14.9	3.0
7	16.8	23.6	20.5	80.5	19.106	16.8	0.0	0.0	0.0	2.2
8	17.6	26.0	22.2	70.3	18.282	16.1	0.0	0.0	0.0	6.2
9	18.0	26.8	22.8	72.0	19.051	16.7	0.0	11.1	11.1	5.9
10	17.4	25.5	21.7	83.2	20.995	18.3	0.0	0.0	0.0	3.6
11	17.2	24.5	21.8	89.4	22.772	19.5	0.0	0.0	0.0	8.0
12	18.8	28.5	24.1	78.4	22.752	19.5	0.0	0.7	0.7	6.9
13	18.4	26.5	21.2	84.7	21.205	18.4	14.2	0.0	14.2	3.2
14	17.3	26.0	22.5	80.5	21.124	18.2	0.1	0.1	0.2	6.2
15	18.6	26.5	22.5	78.8	20.821	18.1	0.0	7.4	7.4	4.5
16	18.0	22.0	19.0	80.6	17.689	15.4	5.2	41.7	46.9	0.0
17	16.6	25.0	20.3	83.7	19.531	17.1	0.0	0.0	0.0	2.9
18	17.5	26.0	21.2	72.0	17.978	15.8	0.0	0.0	0.0	7.8
19	18.0	26.4	22.1	72.8	19.274	16.9	0.0	0.0	0.0	3.8
20	18.8	27.0	21.0	78.7	19.910	17.4	9.2	8.5	17.7	4.0
21	16.8	24.0	20.6	82.9	19.802	17.3	0.0	0.3	0.3	2.2
22	17.5	24.5	19.9	84.3	19.497	17.1	12.7	61.2	73.9	3.2
23	16.7	25.0	20.3	79.2	18.610	16.4	12.1	0.5	12.6	1.2
24	16.4	24.0	20.5	82.4	19.537	17.1	0.0	0.0	0.0	3.5
25	17.0	26.5	20.3	78.4	18.667	16.4	0.0	0.0	0.0	6.9
26	18.0	22.5	19.8	81.7	18.849	16.6	3.0	2.3	5.3	3.2
27	17.8	25.5	21.7	79.9	20.358	17.7	0.6	0.0	0.6	5.3
28	17.0	26.0	21.6	75.3	19.519	17.1	0.0	0.0	0.0	7.2
29	16.7	26.5	21.2	76.9	18.709	16.4	0.0	0.0	0.0	7.6
30	17.2	27.2	22.2	69.8	17.993	15.8	0.0	0.0	0.0	7.5
31	18.0	27.0	22.2	75.0	19.788	17.3	0.0	0.0	0.0	4.9
PROM.	17.3	25.4	21.0	78.9	19.399	16.9	100.2	158.0	258.2	139.8

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	24.5	19.6	88.4	20.289	17.7	1.7	0.0	1.7	0.6
2	16.5	27.0	22.4	73.4	19.686	17.2	0.0	0.0	0.0	5.0
3	19.0	26.0	21.7	74.0	19.040	16.7	0.0	0.0	0.0	3.1
4	17.8	24.0	20.7	77.0	18.542	16.3	0.0	25.7	25.7	1.0
5	16.5	20.0	18.4	98.2	20.780	18.1	36.7	0.0	36.7	0.0
6	15.5	24.6	20.6	79.6	18.841	16.5	0.0	0.0	0.0	2.9
7	16.0	24.0	20.7	83.5	20.284	17.7	0.0	0.0	0.0	0.6
8	18.0	25.0	21.3	76.3	18.860	16.5	0.0	3.1	3.1	7.1
9	17.5	26.3	21.5	79.3	19.725	17.3	0.0	0.0	0.0	3.5
10	16.8	24.4	21.2	76.2	18.655	16.4	0.0	0.0	0.0	6.5
11	17.5	24.0	21.4	76.2	18.878	16.6	0.0	0.0	0.0	0.0
12	18.0	26.5	22.9	71.6	18.663	16.4	0.0	1.4	1.4	6.6
13	17.5	23.1	21.1	80.6	19.725	17.2	1.2	0.0	1.2	0.4
14	17.4	23.1	20.2	80.6	18.736	16.5	0.1	0.0	0.1	0.9
15	16.8	25.7	20.7	76.2	18.011	15.8	0.0	0.0	0.0	3.2
16	17.5	27.0	21.5	75.0	18.985	16.7	0.0	0.0	0.0	6.7
17	17.0	24.6	21.5	78.5	19.556	17.1	0.0	0.0	0.0	5.7
18	17.5	27.1	22.0	73.5	18.680	16.4	0.0	0.0	0.0	8.2
19	18.0	26.5	21.7	74.3	18.831	16.5	0.0	0.1	0.1	6.0
20	17.8	25.0	21.4	73.7	18.212	16.0	0.0	0.0	0.0	2.4
21	15.7	26.9	22.3	78.0	19.625	17.2	0.0	0.0	0.0	8.0
22	16.7	27.1	21.3	73.2	17.842	15.7	0.0	0.0	0.0	7.1
23	16.6	24.5	20.5	82.2	19.553	17.1	0.0	0.0	0.0	0.0
24	16.5	23.6	19.0	84.7	19.052	16.7	0.8	0.0	0.8	3.3
25	15.5	25.0	20.5	83.6	19.338	16.9	0.0	0.0	0.0	3.9
26	16.5	27.0	21.7	65.5	16.525	14.5	0.0	0.0	0.0	5.1
27	16.0	27.0	22.8	69.9	18.055	15.9	0.0	0.0	0.0	7.5
28	16.5	27.3	22.0	71.0	18.238	16.0	0.0	0.0	0.0	7.2
29	15.7	26.0	20.7	77.4	18.446	16.2	0.0	0.0	0.0	0.8
30	17.5	26.5	21.2	82.7	20.981	18.1	0.0	0.0	0.0	3.8
PROM.	16.9	25.3	21.2	77.8	19.021	16.7	40.5	30.3	70.8	118.1

ESTACION: MANUEL MALLARINO
 ALTITUD: 1.380

MUNICIPIO: TRUJILLO AÑO: 1.987
 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	16.7	26.0	20.4	86.1	20.787	18.1	0.0	0.0	0.0	2.0
2	16.7	27.5	21.8	68.8	17.363	15.1	0.0	0.0	0.0	7.8
3	17.7	27.5	20.7	81.1	19.910	17.5	0.1	0.6	0.7	1.8
4	18.0	25.7	19.3	75.2	16.896	14.8	0.0	0.0	0.0	3.8
5	17.0	25.5	20.5	75.0	18.253	16.0	0.0	0.0	0.0	3.2
6	17.0	26.0	21.1	60.1	15.169	13.0	0.0	0.0	0.0	7.9
7	18.0	26.0	19.9	70.3	16.879	14.5	0.0	0.0	0.0	4.3
8	17.5	25.0	20.4	70.3	17.076	14.7	2.7	0.0	2.7	5.1
9	17.0	25.4	19.9	68.2	16.061	13.7	0.0	0.0	0.0	7.0
10	18.0	25.8	20.2	70.8	17.075	14.7	0.0	0.0	0.0	5.1
11	17.5	26.0	20.2	77.9	18.655	16.4	0.0	0.0	0.0	4.2
12	17.0	25.0	20.2	79.0	18.765	16.5	0.0	0.0	0.0	6.6
13	18.0	26.0	20.6	73.5	17.601	15.3	0.0	0.0	0.0	8.5
14	17.5	24.0	19.9	71.1	16.208	14.1	0.0	0.0	0.0	4.3
15	17.5	25.0	20.4	76.3	18.418	16.2	0.0	0.0	0.0	4.6
16	17.5	24.0	20.6	74.6	17.857	15.5	0.0	0.0	0.0	5.5
17	18.0	22.0	19.0	92.7	20.689	18.0	2.9	5.8	8.7	0.8
18	15.5	23.0	18.7	84.6	18.074	15.9	0.0	0.1	0.1	4.9
19	15.0	22.0	18.5	88.4	19.001	16.6	0.0	0.0	0.0	6.4
20	17.0	21.0	19.0	88.9	19.480	17.1	0.0	0.0	0.0	2.2
21	16.0	27.8	20.6	77.5	18.488	16.3	0.0	0.0	0.0	6.1
22	16.5	29.5	21.0	78.3	19.176	16.8	9.9	0.0	9.9	3.2
23	16.5	27.8	20.5	74.4	17.704	15.6	0.0	0.0	0.0	6.1
24	16.4	24.5	18.7	84.7	18.297	16.1	0.1	2.8	2.9	0.9
25	18.0	22.0	19.0	81.1	18.080	15.9	0.0	23.0	23.0	4.7
26	17.5	22.7	19.1	87.1	19.338	17.0	21.6	0.0	21.6	0.0
27	16.0	24.7	19.7	80.2	18.347	16.1	1.2	2.7	3.9	3.7
28	15.5	25.5	18.7	88.5	19.046	16.7	15.4	0.0	15.4	0.0
29	17.5	24.5	19.5	80.2	18.141	16.0	0.0	4.4	4.4	4.3
30	16.0	23.5	19.7	86.6	19.599	17.1	14.0	4.1	18.1	4.2
31	15.8	22.0	18.9	90.3	19.641	17.2	2.4	10.5	12.9	1.0
PROM.	17.0	24.9	19.9	78.8	18.262	16.0	70.3	54.0	124.3	130.0

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	24.0	20.2	86.2	20.252	17.6	3.8	17.3	21.1	1.4
2	17.0	24.6	20.0	82.6	19.275	16.9	0.0	1.5	1.5	0.6
3	16.5	24.7	19.0	85.3	18.865	16.6	0.0	0.0	0.0	5.4
4	17.0	23.7	20.4	83.0	19.730	17.2	0.0	0.0	0.0	4.5
5	17.0	25.5	19.8	83.5	19.103	16.8	0.0	9.2	9.2	5.3
6	16.5	24.5	20.7	83.5	20.105	17.6	0.0	0.0	0.0	2.2
7	17.5	26.0	21.8	74.4	18.773	16.5	0.0	7.7	7.7	5.9
8	17.7	25.5	20.5	86.3	20.964	18.2	0.1	0.0	0.1	2.4
9	17.5	23.0	20.5	90.4	21.476	18.6	1.2	1.4	2.6	3.1
10	18.0	26.5	21.2	74.7	18.152	15.9	0.0	10.1	10.1	3.8
11	18.0	26.0	21.2	76.8	19.367	17.0	0.0	0.0	0.0	5.2
12	18.0	24.7	21.0	79.1	19.537	17.1	0.4	0.0	0.4	2.6
13	16.5	25.7	21.3	80.1	20.116	17.6	0.0	0.0	0.0	4.6
14	16.5	28.0	21.1	62.6	15.586	13.6	0.0	0.0	0.0	8.2
15	17.0	28.0	22.9	66.7	18.335	16.1	0.0	0.0	0.0	7.4
16	16.5	28.0	22.6	65.8	17.765	15.7	0.0	0.0	0.0	6.4
17	17.0	22.5	21.3	73.0	18.445	16.1	0.0	0.0	0.0	2.8
18	18.5	27.3	22.3	77.7	20.901	18.2	0.0	0.0	0.0	1.1
19	18.5	28.8	22.7	70.5	18.729	16.4	0.0	0.0	0.0	8.7
20	17.5	29.5	22.9	72.1	19.666	17.2	0.0	0.0	0.0	7.1
21	18.5	29.9	23.9	69.5	20.021	17.4	0.0	0.0	0.0	6.3
22	18.0	29.0	23.9	66.3	19.547	17.1	0.0	0.0	0.0	6.3
23	18.0	30.0	24.0	69.6	20.725	18.0	0.0	0.0	0.0	6.7
24	18.0	29.0	23.2	73.7	20.557	17.9	0.0	0.0	0.0	5.5
25	17.5	29.0	22.9	75.0	20.594	18.0	0.0	0.0	0.0	6.1
26	17.5	28.8	23.2	71.3	19.656	17.2	0.0	0.0	0.0	4.2
27	18.0	26.3	21.8	80.6	20.881	18.2	0.0	0.0	0.0	3.8
28	17.8	29.0	23.3	72.6	20.318	17.7	0.0	0.0	0.0	7.1
29	18.0	29.5	23.6	68.8	19.300	16.9	0.0	0.0	0.0	4.8
30	18.7	29.0	22.8	75.0	20.384	17.8	0.0	0.0	0.0	5.7
31	18.0	28.0	22.1	76.5	20.097	17.6	0.0	0.0	0.0	5.2
PROM.	17.5	26.9	21.9	75.9	19.588	17.1	5.5	47.2	52.7	150.8

ESTACION: MANUEL MALLARINO

MUNICIPIO: TRUJILLO

AÑO:

1-987

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	18.6	26.6	22.3	72.4	19.487	17.1	0.0	0.0	0.0	3.7
2	17.4	28.5	22.6	71.3	18.803	16.5	0.0	0.0	0.0	6.4
3	17.5	26.5	20.3	81.9	19.525	17.0	6.7	0.1	6.8	2.7
4	16.5	27.0	20.4	83.7	20.005	17.4	23.0	4.5	27.5	2.3
5	17.5	25.0	20.0	86.1	20.102	17.6	1.6	0.0	1.6	0.4
6	17.0	28.0	21.8	75.1	19.844	17.4	0.7	0.6	1.3	6.6
7	17.5	29.5	23.1	67.0	18.403	16.1	3.5	0.0	3.5	7.0
8	18.5	26.5	21.1	79.7	20.147	17.5	0.0	0.0	0.0	1.8
9	18.0	27.5	22.5	76.8	20.362	17.8	0.0	0.0	0.0	6.4
10	17.5	27.9	22.0	77.2	20.033	17.5	0.0	0.0	0.0	3.4
11	16.0	29.5	23.2	72.0	19.367	16.9	0.0	0.0	0.0	8.5
12	17.0	30.4	22.7	72.6	19.367	16.9	0.0	0.0	0.0	7.1
13	17.5	29.2	21.4	66.6	17.746	15.5	0.0	4.5	4.5	7.7
14	17.5	27.3	21.2	80.6	19.998	17.5	14.2	1.1	15.3	7.1
15	17.5	29.0	22.6	75.2	20.010	17.5	0.0	0.0	0.0	3.3
16	17.0	30.0	22.9	72.0	19.645	17.2	0.0	6.6	6.6	8.0
17	19.0	29.0	23.3	74.9	21.040	18.3	0.0	0.0	0.0	6.7
18	17.5	28.0	22.2	72.9	19.371	17.0	0.0	0.0	0.0	4.5
19	17.0	28.8	21.9	80.3	20.515	17.7	1.7	0.0	1.7	7.2
20	17.5	25.5	20.8	85.3	20.991	18.2	9.7	0.2	9.9	1.9
21	16.5	25.5	21.0	81.4	20.130	17.6	0.4	0.3	0.7	3.0
22	17.5	27.0	21.2	80.9	20.311	17.7	0.5	0.0	0.5	5.0
23	17.5	26.3	21.3	79.8	20.190	17.6	0.0	0.0	0.0	2.8
24	17.8	26.3	20.9	76.0	18.831	16.5	0.0	0.0	0.0	4.4
25	17.5	22.5	18.5	88.7	19.032	16.7	2.7	0.0	2.7	0.0
26	14.6	26.0	20.2	81.3	19.078	16.7	0.0	0.0	0.0	2.4
27	17.0	29.3	22.1	71.7	18.452	16.2	0.0	0.0	0.0	8.4
28	17.5	28.0	20.5	78.6	19.235	16.9	4.7	0.0	4.7	3.6
29	16.2	26.0	21.3	74.9	18.512	16.3	0.0	24.9	24.9	3.3
30	16.0	22.3	17.4	86.0	17.223	15.1	20.2	0.0	20.2	0.8
PROM.	17.3	27.3	21.4	77.4	19.525	17.1	89.6	42.8	132.4	136.4

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	26.5	21.1	73.6	18.177	16.0	0.0	1.4	1.4	8.0
2	17.0	24.5	20.7	81.2	19.771	17.3	0.5	0.0	0.5	3.7
3	17.0	26.0	20.8	73.2	17.867	15.7	2.2	0.6	2.8	4.2
4	16.5	25.5	20.5	82.8	19.937	17.4	0.3	3.2	3.5	1.7
5	16.0	26.0	20.2	78.4	18.408	16.2	2.5	0.0	2.5	2.1
6	17.5	27.5	20.9	78.2	19.095	16.7	0.0	0.0	0.0	5.7
7	18.1	24.4	20.8	81.4	20.085	17.6	0.0	0.0	0.0	0.8
8	16.5	26.0	18.8	81.1	17.703	15.6	20.6	14.6	35.2	3.3
9	16.5	25.0	19.9	81.3	18.529	16.3	5.8	1.3	7.1	1.3
10	16.1	28.0	21.5	78.8	19.530	17.1	0.0	0.0	0.0	7.8
11	16.6	24.5	20.6	85.0	20.398	17.8	0.0	0.0	0.0	2.8
12	16.5	25.0	18.8	81.4	18.022	15.9	0.0	0.0	0.0	3.1
13	17.0	28.5	21.5	70.9	18.016	15.8	0.0	3.0	3.0	5.2
14	17.0	27.0	20.9	77.9	19.129	16.8	1.0	0.0	1.0	4.6
15	16.4	27.5	21.0	78.8	19.438	17.0	0.8	0.0	0.8	5.7
16	17.0	27.1	20.0	82.1	19.375	17.0	2.8	13.2	16.0	2.9
17	18.0	23.3	19.7	81.0	18.809	16.5	0.0	0.0	0.0	0.0
18	17.0	24.5	19.6	78.2	18.173	16.0	0.0	0.0	0.0	1.5
19	17.0	28.0	21.5	71.1	18.188	16.0	0.0	0.0	0.0	6.1
20	17.0	25.0	21.0	80.5	19.997	17.5	0.0	3.6	3.6	1.5
21	18.0	24.5	20.1	85.9	20.231	17.7	3.4	0.0	3.4	0.7
22	17.0	28.0	21.3	70.5	17.996	15.8	0.1	0.0	0.1	4.5
23	17.0	28.0	21.9	71.8	18.807	16.5	0.0	0.0	0.0	6.4
24	18.0	25.5	20.1	81.4	19.324	16.9	15.3	0.0	16.3	2.0
25	17.5	26.5	20.6	77.7	18.580	16.3	0.0	32.0	32.0	2.7
26	17.8	26.0	20.0	81.6	19.057	16.7	0.1	9.8	9.9	3.1
27	18.5	26.0	20.2	83.2	20.149	17.6	8.9	23.2	32.1	2.3
28	16.0	21.3	18.2	86.6	18.238	16.0	3.7	0.0	3.7	0.0
29	16.5	25.0	20.0	80.6	18.466	16.2	0.1	0.0	0.1	1.0
30	17.0	25.0	19.5	83.6	18.905	16.6	0.1	0.2	0.3	2.0
31	16.5	25.0	20.5	73.8	17.578	15.4	0.0	0.1	0.1	3.7
PROM.	17.0	25.8	20.4	79.1	18.903	16.6	65.2	106.2	175.4	100.4

ESTACION: MANUEL MALLARINO
 ALTITUD: 1.380

MUNICIPIO: TRUJILLO AÑO: 1.987
 LATITUD: 4-10 N. LONGITUD: 76-21 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	26.3	21.2	66.7	16.545	14.5	0.0	0.0	0.0	8.2
2	15.3	26.5	20.3	77.2	18.284	16.1	0.0	0.0	0.0	6.3
3	16.6	26.5	20.2	78.0	18.337	16.1	0.0	0.0	0.0	4.1
4	16.5	27.0	20.6	78.8	19.023	16.7	0.0	0.0	0.0	4.3
5	17.0	26.0	20.8	78.4	19.668	17.2	0.0	0.0	0.0	5.0
6	17.0	26.7	20.9	78.9	19.769	17.3	0.0	0.0	0.0	4.2
7	18.0	26.3	21.2	76.7	19.396	17.0	0.0	0.0	0.0	3.8
8	17.0	28.0	21.3	70.3	17.860	15.7	0.0	0.0	0.0	6.6
9	17.0	28.2	21.9	73.5	17.866	16.4	0.0	0.0	0.0	8.5
10	17.5	28.5	21.8	73.9	19.223	16.9	0.0	0.0	0.0	6.3
11	17.5	26.2	20.8	74.8	18.331	16.1	0.0	0.0	0.0	8.3
12	17.5	25.5	21.1	79.9	20.043	17.5	0.0	0.6	0.6	6.7
13	17.5	26.0	20.7	77.3	18.802	16.5	0.0	0.2	0.2	4.2
14	17.8	23.0	20.3	81.2	19.293	16.9	0.0	0.0	0.0	3.8
15	14.5	27.5	20.3	69.8	16.532	14.5	0.0	27.3	27.3	4.8
16	16.0	28.8	21.7	72.7	18.658	16.4	0.0	0.0	0.0	3.8
17	17.5	28.3	21.9	72.6	19.098	16.8	0.0	0.0	0.0	5.2
18	17.3	29.5	21.4	70.1	17.745	15.6	34.1	0.0	0.7	6.3
19	18.0	28.0	21.0	72.5	18.061	15.9	0.0	0.3	34.4	3.4
20	16.5	26.8	20.9	77.0	18.754	16.5	0.0	3.0	3.0	2.0
21	18.0	27.5	21.2	75.6	18.754	16.4	2.4	18.3	20.7	1.4
22	17.5	25.4	20.7	81.0	19.858	17.4	0.0	0.0	0.0	0.6
23	17.5	29.5	21.5	76.9	19.447	17.0	0.0	0.0	0.0	7.4
24	16.8	29.0	21.3	78.4	19.901	17.4	0.0	0.0	0.0	8.1
25	17.5	21.0	18.9	90.6	19.910	17.4	5.4	34.1	39.5	4.0
26	16.6	25.5	19.3	83.3	18.740	16.5	4.2	0.0	4.2	0.0
27	16.5	24.5	19.3	80.8	18.047	15.9	0.0	1.1	1.1	3.6
28	16.0	26.8	21.2	73.4	18.750	16.4	0.8	0.0	0.8	3.4
29	16.0	27.0	21.6	71.7	18.563	16.3	0.0	0.0	0.0	5.9
30	17.0	20.0	17.7	92.3	19.092	16.7	0.0	7.9	7.9	4.1
PROM.	16.9	26.5	20.8	76.8	18.775	16.5	60.2	92.6	152.8	140.5

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	24.6	19.1	75.3	16.448	14.4	0.0	2.5	2.5	4.3
2	17.5	24.0	19.2	82.5	18.470	16.2	1.0	6.3	7.3	1.2
3	16.6	25.0	19.2	83.2	18.370	16.2	0.0	6.2	6.2	1.9
4	17.8	23.3	19.6	88.3	20.357	17.8	0.2	4.1	4.3	3.1
5	16.5	25.5	19.4	82.7	18.684	16.4	1.4	0.0	1.4	3.3
6	16.0	25.0	19.1	83.3	18.423	16.2	1.9	0.0	1.9	3.4
7	16.5	26.0	20.6	81.1	19.284	16.9	0.0	0.0	0.0	3.7
8	16.5	26.3	20.4	79.5	18.757	16.5	0.0	0.0	0.0	4.9
9	17.0	26.0	20.3	76.3	18.062	15.9	0.0	0.0	0.0	3.8
10	17.0	26.0	20.5	80.5	19.552	17.1	0.0	0.0	0.0	2.5
11	17.0	28.0	20.4	75.2	18.393	16.2	0.0	0.0	0.0	6.8
12	17.0	27.0	21.7	78.1	20.284	17.7	0.0	0.0	0.0	4.1
13	17.0	26.7	21.4	76.4	19.692	17.2	0.0	0.0	0.0	3.3
14	17.0	27.3	21.7	78.1	20.296	17.7	0.0	0.0	0.0	7.7
15	17.5	28.3	21.6	72.8	18.808	16.5	0.0	0.0	0.0	7.4
16	18.0	27.3	21.0	78.4	19.422	17.0	0.0	0.0	0.0	7.7
17	17.0	28.5	22.3	73.3	19.172	16.8	0.0	0.0	0.0	7.4
18	17.0	29.1	21.9	74.9	19.244	16.8	0.0	0.0	0.0	8.4
19	17.0	28.8	21.8	68.8	17.837	15.7	0.0	0.0	0.0	9.3
20	17.5	27.1	21.7	74.3	19.459	17.0	0.0	0.0	0.0	7.6
21	17.3	29.5	22.2	71.9	18.548	16.3	0.0	0.0	0.0	7.6
22	17.5	29.5	22.3	73.5	19.218	16.9	0.0	0.0	0.0	7.8
23	17.3	30.0	22.1	73.2	18.900	16.6	0.0	0.0	0.0	7.7
24	17.3	30.0	23.1	68.9	18.830	16.5	0.0	0.0	0.0	9.1
25	17.3	30.0	22.1	68.8	17.872	15.7	0.0	0.0	0.0	8.2
26	17.5	27.3	21.9	73.3	19.358	17.0	0.0	0.0	0.0	2.4
27	17.0	29.3	21.9	71.2	18.429	16.1	0.0	0.0	0.0	5.1
28	17.5	26.8	20.7	82.0	19.934	17.4	0.0	2.2	2.2	1.1
29	16.5	27.5	21.4	75.7	18.839	16.6	0.0	0.4	0.4	1.6
30	17.0	29.1	22.0	71.5	18.266	16.0	0.1	0.0	0.1	7.2
31	17.5	30.0	22.6	72.7	19.391	17.0	0.0	0.0	0.0	6.5
PROM.	17.1	27.4	21.1	76.3	18.923	16.6	10.6	21.8	32.4	162.2

ESTACION: MANUEL MALLARINO MUNICIPIO TRUJILLO AÑO 1.987
 ALTITUD: 1.380 LATITUD: 4-10 N. LONGITUD 76-21 W.

MESES	TEMPERATURA °C					Humedad relativa o/o	Tension vapor mb.	Punto rocio °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias lluvias	
ENERO	17.6	27.8	21.7	15.5	30.6	72.1	18.228	15.9	24.4	14	170.3
FEBRERO	17.8	28.4	22.3	16.0	31.5	70.0	18.139	15.9	54.1	6	166.0
MARZO	17.7	26.6	21.6	16.0	30.5	73.3	18.383	16.1	66.9	15	131.6
ABRIL	17.7	26.7	21.7	16.4	29.4	73.5	18.586	16.3	186.9	14	106.5
MAYO	17.3	25.4	21.0	15.8	28.5	78.9	19.399	16.9	258.2	17	139.8
JUNIO	16.9	25.3	21.2	15.5	27.3	77.8	19.021	16.7	70.8	9	118.1
JULIO	17.0	24.9	19.9	15.0	29.5	78.8	18.262	16.0	124.3	13	130.0
AGOSTO	17.5	26.9	21.9	16.0	30.0	75.9	19.588	17.1	52.7	8	150.8
SEPTIEMBRE	17.3	27.3	21.4	14.6	30.4	77.4	19.525	17.1	132.4	16	136.4
OCTUBRE	17.0	25.8	20.4	15.5	28.5	79.1	18.903	16.6	175.4	22	100.4
NOVIEMBRE	16.9	26.5	20.8	14.5	29.5	76.8	18.775	16.5	152.8	13	140.5
DICIEMBRE	17.1	27.4	21.1	15.5	30.5	76.3	18.923	16.6	32.4	10	162.2
PROMEDIO	17.3	26.6	21.3	15.5	29.7	75.8	18.811	16.5			
TOTAL									1331.3	157	1652.6

ESTACION: JULIO FERNANDEZ
 ALTITUD: 1.360

MUNICIPIO: RESTREPO AÑO: 1.987
 LATITUD: 3-49 N. LONGITUD: 76-31 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	26.8	20.4	72.1	17.173	15.0	0.4	0.0	0.4	4.3
2	16.5	27.6	21.1	62.2	14.912	12.4	0.0	0.0	0.0	7.4
3	19.3	28.8	21.6	63.4	15.693	13.0	0.0	0.0	0.0	7.4
4	16.5	26.6	20.5	69.4	16.102	13.8	0.0	0.0	0.0	8.6
5	15.0	26.0	19.5	69.9	14.971	12.7	1.7	0.0	1.7	5.4
6	17.3	26.9	20.1	71.7	16.290	13.8	0.0	0.0	0.0	4.8
7	17.5	26.3	20.1	71.0	16.114	13.8	0.0	9.8	9.8	6.3
8	18.0	26.8	20.9	65.0	15.444	13.0	0.0	1.2	1.2	3.4
9	17.0	26.6	21.1	66.7	16.116	13.9	0.0	20.3	20.3	7.6
10	18.0	27.1	21.2	67.4	16.435	14.2	0.0	0.0	0.0	7.2
11	17.5	24.0	19.7	73.3	16.597	14.4	0.0	0.9	0.9	6.1
12	16.5	26.3	19.8	70.2	15.930	13.8	0.0	0.0	0.0	0.7
13	14.5	27.0	20.4	67.9	15.073	12.7	0.0	0.0	0.0	5.0
14	18.0	26.4	21.1	67.1	16.310	14.0	0.0	0.0	0.0	8.8
15	17.5	27.1	21.2	67.5	16.029	13.6	0.0	0.0	0.0	8.9
16	18.8	27.1	21.4	69.0	17.096	14.6	0.0	0.0	0.0	9.5
17	16.0	28.4	21.7	65.0	16.025	13.7	0.0	0.0	0.0	9.2
18	19.0	27.5	20.6	73.6	18.228	16.0	0.0	0.0	0.0	9.6
19	16.6	25.5	19.0	78.9	17.084	14.9	0.0	0.0	0.0	3.9
20	16.0	26.5	20.3	66.5	15.021	12.6	0.5	0.0	0.5	1.0
21	18.0	25.5	20.1	61.0	14.236	12.1	0.0	0.0	0.0	5.2
22	17.6	25.5	19.7	60.7	13.703	11.4	0.0	0.7	0.7	2.4
23	16.6	25.3	19.8	69.3	15.504	13.2	6.5	0.8	7.3	1.8
24	17.5	27.5	20.4	62.8	14.393	11.8	0.1	0.0	0.1	3.0
25	16.3	27.2	21.2	57.9	14.186	11.7	0.0	0.0	0.0	6.7
26	18.5	26.6	21.1	63.9	15.599	13.3	0.0	0.0	0.0	8.2
27	18.0	25.3	20.6	69.2	16.286	13.8	0.0	0.2	0.2	6.6
28	17.6	29.3	21.4	66.2	15.864	13.8	0.0	0.3	0.3	4.0
29	18.6	27.3	21.2	64.8	15.839	13.4	0.0	0.0	0.0	7.7
30	15.0	26.9	20.5	68.3	15.382	12.9	0.0	0.0	0.0	5.9
31	18.5	27.4	21.6	66.2	16.606	14.2	0.0	0.0	0.0	8.2
PROM.	17.3	26.7	20.6	67.4	15.814	13.4	9.2	34.2	43.4	184.2

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	30.0	21.3	65.2	15.574	12.5	0.0	0.0	0.0	7.6
2	17.1	28.4	21.5	67.8	16.199	13.5	0.0	0.0	0.0	9.0
3	19.5	25.8	20.3	69.2	16.771	14.4	0.0	0.0	0.0	1.3
4	18.0	27.0	21.2	68.0	16.344	13.9	0.0	0.0	0.0	8.6
5	18.6	25.5	20.9	72.0	17.726	15.4	0.0	0.0	0.0	9.7
6	16.4	27.4	21.3	66.2	15.796	13.5	3.0	0.0	3.0	6.2
7	17.5	27.5	21.7	68.2	17.257	14.5	0.0	0.0	0.0	5.2
8	16.5	27.7	21.1	64.4	15.142	12.6	0.0	20.2	20.2	6.1
9	17.7	28.5	21.3	68.3	16.781	14.4	0.0	0.0	0.0	4.0
10	18.4	28.4	21.6	70.8	17.582	15.2	0.0	0.0	0.0	3.8
11	18.6	26.5	21.6	67.0	16.773	14.2	0.0	0.0	0.0	2.6
12	16.8	26.3	20.3	70.0	16.022	13.6	0.0	0.0	0.0	3.0
13	18.0	28.0	20.8	67.0	15.642	12.9	0.5	0.8	1.3	3.8
14	16.0	21.5	18.5	78.3	16.371	14.2	0.0	9.4	9.4	0.0
15	15.0	28.8	21.2	63.1	14.405	11.8	4.9	0.0	4.9	7.6
16	17.0	26.5	20.6	70.4	16.464	14.1	0.0	0.0	0.0	7.6
17	18.0	26.0	20.4	71.6	16.836	14.5	0.0	0.0	0.0	6.6
18	17.4	27.6	21.4	68.7	16.569	14.2	0.0	0.0	0.0	3.3
19	18.0	27.0	21.4	68.0	16.740	14.4	0.9	0.0	0.9	4.1
20	17.3	27.0	21.0	67.0	16.292	14.0	0.2	0.0	0.2	6.3
21	18.5	27.4	21.7	60.1	15.189	12.9	0.0	0.0	0.0	5.6
22	15.6	28.9	21.9	73.9	18.849	16.6	0.0	0.0	0.0	6.8
23	18.8	29.5	22.0	61.5	15.565	13.2	0.0	0.0	0.0	9.0
24	19.3	28.6	22.2	67.1	16.780	14.2	0.0	0.0	0.0	9.2
25	18.4	29.3	22.4	66.7	17.454	14.8	0.0	0.0	0.0	7.3
26	19.1	28.3	22.3	67.4	17.167	14.6	0.0	0.0	0.0	6.9
27	18.4	28.3	22.6	58.3	15.442	13.1	0.0	0.0	0.0	9.1
28	18.4	28.2	22.3	65.2	16.741	14.0	0.0	0.0	0.0	7.4
PROM	17.7	27.6	21.4	67.6	16.445	14.0	9.5	30.4	39.9	168.9

ESTACION: JULIO FERNANDEZ

MUNICIPIO: RESTREPC

AÑO: 1-987

ALTITUD: 1.360

LATITUD: 3-49 N.

LONGITUD: 76-31 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	28.3	22.1	63.1	15.685	13.3	0.0	0.0	0.0	6.9
2	18.8	26.5	21.4	61.7	15.603	13.3	0.0	30.0	30.0	3.4
3	13.6	28.0	20.7	61.3	13.672	11.1	0.0	7.0	7.0	9.4
4	16.6	24.5	18.9	71.6	15.279	12.9	0.0	0.0	0.0	2.5
5	15.0	28.0	20.6	62.9	14.655	12.6	0.0	19.7	19.7	5.3
6	15.5	25.5	20.2	67.1	14.958	12.4	0.0	0.0	0.0	4.5
7	16.6	26.5	20.8	63.9	15.059	12.8	0.0	0.0	0.0	5.4
8	17.0	23.1	19.3	73.9	16.270	14.1	0.0	6.0	6.0	7.6
9	16.5	22.1	18.7	66.4	14.163	11.9	0.0	0.0	0.0	1.3
10	13.0	25.5	19.6	66.9	14.077	11.7	0.0	0.0	0.0	4.9
11	15.6	26.0	19.8	64.1	13.970	11.5	0.0	0.0	0.0	3.1
12	15.0	26.0	19.5	71.2	15.857	13.8	0.0	1.0	1.0	1.8
13	17.4	24.3	20.2	58.7	13.574	11.3	0.0	0.0	0.0	1.9
14	17.0	26.3	20.0	67.0	14.942	12.4	0.0	0.0	0.0	0.0
15	16.6	27.0	20.2	64.7	14.622	12.0	0.0	0.0	0.0	6.4
16	17.5	25.5	20.2	66.8	15.160	12.4	9.0	0.0	9.0	2.4
17	15.8	26.0	20.8	69.2	16.270	14.0	0.0	0.0	0.0	6.3
18	17.9	28.5	21.4	66.3	16.240	13.7	0.0	0.0	0.0	3.8
19	16.3	28.0	21.0	67.0	15.461	12.7	0.0	0.0	0.0	5.7
20	16.5	29.0	22.0	66.2	16.671	14.1	0.0	0.0	0.0	7.5
21	19.6	27.0	21.5	66.0	16.518	13.9	0.0	0.0	0.0	2.1
22	15.6	28.6	21.9	70.9	17.750	15.3	0.0	0.0	0.0	7.8
23	19.4	23.3	20.0	73.2	17.228	14.8	0.0	0.0	0.0	0.0
24	13.5	27.3	20.0	79.8	18.289	16.1	3.0	0.0	3.0	6.7
25	16.0	27.0	20.9	72.7	17.025	14.7	0.0	0.0	0.0	6.6
26	17.0	26.3	20.9	67.9	16.143	13.6	0.0	0.0	0.0	4.1
27	18.0	26.0	20.2	70.5	16.379	14.2	0.0	0.0	0.0	2.4
28	17.6	27.0	21.0	67.9	16.178	13.6	0.0	0.0	0.0	5.9
29	19.0	27.0	21.2	70.0	17.322	15.0	0.0	0.0	0.0	2.8
30	18.3	24.5	20.0	81.3	19.095	16.7	8.0	0.0	8.0	1.1
31	15.0	25.5	19.7	75.6	16.777	14.6	3.0	0.0	3.0	3.2
PROM.	16.6	26.3	20.5	68.3	15.837	13.4	23.0	63.7	86.7	132.8

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	25.5	20.1	70.4	16.215	13.9	0.0	0.0	0.0	4.4
2	18.0	24.5	19.5	72.0	16.095	13.8	0.0	4.0	4.0	0.3
3	16.5	22.5	19.0	74.3	15.988	13.8	0.0	0.0	0.0	0.0
4	16.4	27.5	21.1	68.1	16.075	13.6	0.0	0.0	0.0	6.0
5	17.0	26.1	20.6	71.7	16.783	14.4	0.0	0.0	0.0	0.6
6	17.9	28.5	22.3	63.4	16.505	14.3	0.0	0.0	0.0	7.0
7	19.0	27.0	21.7	69.3	17.590	15.3	0.0	1.0	1.0	6.2
8	19.0	24.0	20.3	74.6	17.874	15.7	0.0	0.0	0.0	0.6
9	17.1	26.5	20.2	72.0	16.602	14.2	0.0	0.0	0.0	6.1
10	15.7	26.0	20.4	67.9	15.318	13.1	0.0	0.0	0.0	3.4
11	15.6	26.4	20.0	71.2	15.978	13.9	0.0	0.0	0.0	6.6
12	16.1	28.1	22.0	66.6	16.765	13.9	0.0	0.0	0.0	8.7
13	18.0	26.8	21.0	72.6	17.903	15.6	0.0	0.0	0.0	2.8
14	14.4	23.8	21.6	65.6	15.815	13.7	0.0	0.0	0.0	8.3
15	17.0	28.6	21.8	65.8	16.101	13.8	0.0	0.0	0.0	7.4
16	17.5	28.9	22.2	65.7	16.442	13.8	0.0	0.0	0.0	8.3
17	18.5	29.1	22.3	70.8	18.374	15.9	0.0	0.0	0.0	6.0
18	18.9	31.5	23.5	61.5	16.768	14.4	0.0	0.0	0.0	1.7
19	18.5	30.1	23.3	68.5	18.413	15.7	0.0	0.0	0.0	5.2
20	18.8	31.1	22.9	66.5	17.092	14.3	0.0	9.2	9.2	4.5
21	18.1	27.9	21.8	68.6	17.340	15.1	0.0	0.0	0.0	2.2
22	16.9	28.5	21.4	68.8	16.601	14.4	0.0	0.0	0.0	2.8
23	17.5	28.9	22.9	71.3	19.514	17.1	0.0	10.3	10.3	3.5
24	18.1	26.0	20.8	76.7	18.715	16.4	2.8	17.9	20.7	0.2
25	17.7	26.5	20.4	81.8	19.373	17.0	0.9	0.0	0.9	2.3
26	18.0	27.7	20.6	71.4	16.730	14.2	0.8	0.2	1.0	2.2
27	18.6	27.9	21.7	70.7	17.589	14.9	0.8	2.7	3.5	2.2
28	18.4	25.4	20.4	71.5	17.118	14.9	14.9	2.1	17.0	0.9
29	18.6	25.0	20.8	68.4	16.626	14.4	0.0	3.8	3.8	1.3
30	17.6	26.3	20.2	64.9	15.001	12.7	2.3	0.4	2.7	1.3
PROM.	17.5	27.3	21.2	69.8	16.977	14.6	22.5	52.5	75.0	113.0

ESTACION: JUL IO FERNANDEZ

MUNICIPIO: RESTREPO

AÑO: 1.987

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	15.5	23.9	20.2	70.8	16.367	14.1	0.0	0.0	0.0	3.7
2	17.0	28.8	21.3	70.5	16.709	14.0	8.0	15.1	23.1	3.7
3	15.0	27.2	20.6	72.1	16.556	14.5	0.0	0.0	0.0	5.4
4	18.4	25.0	20.3	72.6	16.989	14.4	2.0	0.4	2.4	0.7
5	15.4	25.0	19.2	80.7	17.791	15.6	1.6	16.6	18.2	5.2
6	16.8	25.5	19.6	74.3	16.547	14.3	0.0	3.9	3.9	4.2
7	17.6	27.5	20.9	72.0	17.014	14.5	0.0	0.0	0.0	4.4
8	17.9	27.5	20.4	79.2	18.964	16.6	0.0	0.0	0.0	5.2
9	16.9	26.5	20.5	71.1	16.553	14.4	0.0	0.0	0.0	6.7
10	18.0	26.6	20.7	59.8	14.467	12.3	0.0	0.0	0.0	3.7
11	14.7	30.5	22.0	66.4	16.114	13.3	0.0	0.0	0.0	10.0
12	19.4	28.5	22.1	67.4	17.496	15.1	0.0	0.5	0.5	4.2
13	17.9	25.5	20.6	73.1	17.656	15.6	2.1	0.0	2.1	2.3
14	17.5	27.5	21.4	65.5	16.469	14.3	0.2	0.0	0.2	7.7
15	19.2	27.0	21.0	64.9	15.965	13.9	2.1	0.0	0.2	5.1
16	17.6	23.0	18.4	86.0	18.269	16.1	6.0	11.5	13.6	0.1
17	17.0	28.0	21.0	68.9	16.414	13.8	0.0	0.5	6.5	4.0
18	16.6	27.5	20.9	75.3	17.862	15.5	0.0	0.3	0.3	8.7
19	19.1	27.8	21.5	71.1	17.710	15.4	0.1	0.0	0.1	4.1
20	18.6	26.5	21.3	73.2	18.130	15.7	3.3	8.0	11.3	3.3
21	17.6	25.5	19.0	87.8	19.417	17.0	5.8	1.9	7.7	1.9
22	17.8	25.6	19.7	65.4	14.634	12.2	0.0	2.2	2.2	4.6
23	17.1	24.0	19.1	83.6	18.718	16.4	17.2	0.0	17.2	0.7
24	16.8	20.8	19.0	84.8	18.484	16.3	7.8	0.0	7.8	2.9
25	16.4	26.5	20.5	70.6	16.214	13.9	0.0	0.0	0.0	7.2
26	17.8	26.0	20.7	79.2	19.681	17.3	0.0	0.6	0.6	5.8
27	16.3	28.3	20.5	72.9	16.707	14.3	0.0	0.0	0.0	5.9
28	16.1	29.0	21.2	80.1	20.237	17.6	0.0	0.0	0.0	7.7
29	17.2	28.0	21.1	74.1	17.998	15.7	0.0	0.0	0.0	5.4
30	17.1	28.9	22.0	70.9	17.775	15.2	0.7	0.0	0.7	7.7
31	18.6	27.0	21.9	73.6	18.807	16.2	0.0	0.0	0.0	6.7
PROM.	17.3	26.6	20.6	73.5	17.378	15.0	57.4	63.2	120.6	148.9

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	26.0	20.6	83.4	20.345	17.8	9.9	0.0	9.9	1.2
2	15.3	26.0	20.0	74.1	16.477	14.2	0.0	0.0	0.0	3.6
3	18.0	25.0	20.3	77.8	18.376	16.1	0.0	0.0	0.0	1.7
4	18.1	24.9	20.0	75.4	17.624	15.4	0.0	0.0	0.0	2.1
5	17.9	23.6	19.8	82.3	18.934	16.6	0.0	8.6	8.6	0.5
6	16.1	26.4	20.6	73.2	16.750	14.2	0.0	0.0	0.0	2.3
7	16.8	25.0	20.8	86.1	21.249	18.5	0.0	0.0	0.0	1.4
8	16.7	25.5	20.1	77.8	17.983	15.6	0.0	0.0	0.0	1.1
9	17.6	29.0	21.8	74.6	18.545	16.0	0.0	0.0	0.0	4.9
10	19.6	29.5	21.7	71.7	17.914	15.2	1.3	0.0	1.3	5.3
11	17.6	24.5	20.1	82.0	18.879	16.4	0.0	0.0	0.0	0.0
12	16.0	27.5	21.3	78.4	19.325	16.8	0.0	0.0	0.0	7.9
13	18.5	24.5	20.3	87.1	20.782	18.0	1.9	0.8	0.8	0.3
14	18.1	24.5	20.6	79.6	19.292	16.9	0.5	0.0	0.5	1.4
15	17.4	26.0	19.7	87.9	20.322	17.8	5.5	0.0	5.5	3.5
16	16.6	28.0	21.4	77.5	19.280	16.8	0.0	0.0	0.0	8.0
17	19.1	24.5	21.1	75.2	18.636	16.2	0.0	0.0	0.0	6.0
18	17.7	28.8	22.1	74.2	19.234	16.7	0.0	0.0	0.0	7.6
19	18.6	28.5	21.9	66.2	17.131	14.9	0.0	0.0	0.0	4.4
20	17.6	26.0	20.8	71.4	17.170	15.0	0.0	0.0	0.0	3.8
21	16.5	27.6	21.7	80.1	20.838	18.1	0.0	0.0	0.0	4.5
22	19.4	27.8	21.7	75.4	19.250	16.7	0.0	0.0	0.0	0.9
23	18.6	25.3	20.9	73.0	17.992	15.7	0.0	2.2	2.2	0.5
24	18.5	24.1	20.1	81.0	18.953	16.5	0.2	0.2	0.4	0.5
25	16.2	27.6	20.9	71.7	16.791	14.5	0.0	0.0	0.0	3.5
26	16.2	28.8	21.3	73.3	17.598	15.0	1.1	0.0	1.1	4.3
27	15.5	28.5	20.9	73.9	17.656	15.4	0.0	0.0	0.0	9.1
28	17.1	28.8	21.5	70.4	17.356	15.0	0.0	0.0	0.0	6.3
29	18.3	25.3	20.6	77.6	18.686	16.3	0.0	0.0	0.0	2.1
30	16.6	26.3	20.5	75.7	17.731	15.5	0.0	0.0	0.0	3.3
PROM.	17.5	26.5	20.8	76.9	18.570	16.1	30.4	11.8	42.2	111.4

ESTACION: JULIO FERNANDEZ

MUNICIPIO: RESTREPO

AÑO: 1.987

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	17.1	26.0	20.4	74.6	17.513	15.2	0.0	0.0	0.0	2.8
2	15.2	27.1	20.4	71.8	16.072	13.6	0.0	0.0	0.0	7.0
3	18.3	24.3	19.5	86.9	19.959	17.5	1.5	0.0	1.5	2.0
4	17.6	27.1	20.3	78.2	18.481	16.1	14.1	0.0	14.1	4.9
5	18.0	25.6	20.1	79.5	18.493	16.2	0.3	0.0	0.3	4.1
6	14.6	26.6	20.3	75.8	17.319	15.1	0.0	0.0	0.0	8.0
7	17.6	27.5	21.1	67.4	16.081	13.3	0.0	0.0	0.0	7.8
8	18.4	29.0	20.6	71.6	16.954	14.6	0.9	0.1	1.0	3.3
9	17.9	28.5	21.1	73.5	17.595	15.0	0.0	1.6	1.6	5.7
10	18.1	28.8	21.2	74.1	17.756	15.1	0.3	0.0	0.3	5.0
11	19.0	28.0	20.2	89.7	21.142	18.4	11.1	0.0	11.1	5.7
12	18.0	21.0	19.8	80.5	18.767	16.5	2.8	0.0	2.8	4.7
13	18.1	26.5	20.5	80.3	19.393	17.0	0.5	0.0	0.5	7.0
14	16.1	26.5	20.6	77.0	18.067	15.8	0.0	0.0	0.0	4.0
15	18.5	26.3	20.8	73.7	17.919	15.6	0.0	0.0	0.0	3.2
16	14.9	27.9	21.1	72.9	17.314	15.2	0.0	2.6	2.6	7.2
17	18.1	23.0	19.0	81.3	17.857	15.6	0.0	0.0	0.0	0.8
18	15.5	28.0	20.9	66.6	15.372	13.1	0.0	0.0	0.0	7.0
19	18.3	26.2	21.0	71.4	16.773	13.6	0.0	0.0	0.0	7.7
20	18.2	28.1	22.1	71.3	18.454	15.9	0.0	0.0	0.0	2.2
21	19.4	27.8	21.0	76.0	18.569	16.0	0.0	0.0	0.0	6.4
22	17.9	26.3	19.7	86.3	20.138	17.6	2.0	0.0	2.0	2.3
23	14.0	26.5	19.5	69.2	14.640	12.1	0.0	0.0	0.0	3.6
24	18.0	24.1	19.6	68.3	15.477	13.3	5.2	6.2	11.4	0.9
25	16.9	27.0	20.6	71.1	16.576	14.4	0.0	0.0	0.0	3.7
26	18.0	24.2	19.8	70.8	16.149	13.8	0.0	0.0	0.0	0.4
27	14.1	24.3	18.6	75.5	15.706	13.6	0.0	4.5	4.5	4.1
28	16.4	26.0	19.9	71.1	15.806	13.3	0.2	0.0	0.2	3.2
29	15.6	26.0	19.6	72.2	15.828	13.6	0.1	7.3	7.4	4.7
30	17.5	25.5	19.3	70.6	15.644	13.4	1.0	0.8	1.8	1.1
31	17.1	24.7	19.2	70.9	15.474	13.3	0.0	27.6	27.6	1.2
PROM.	17.2	26.3	20.3	74.8	17.332	14.9	40.0	50.7	90.7	132.3

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.1	24.0	18.8	83.8	18.254	16.0	9.1	2.4	11.5	1.7
2	15.5	24.8	19.0	58.0	12.686	9.9	2.6	0.0	2.6	1.4
3	15.3	27.6	20.1	65.5	14.723	12.5	0.0	0.0	0.0	5.7
4	17.1	26.5	20.2	69.3	16.015	13.7	0.0	0.0	0.0	6.1
5	15.6	25.6	19.6	70.1	15.313	13.2	0.0	0.0	0.0	7.6
6	16.0	28.3	20.2	71.1	15.888	13.6	0.0	7.5	7.5	6.4
7	17.4	25.2	20.2	68.7	15.894	13.7	0.0	0.3	0.3	4.4
8	16.6	25.3	20.2	68.5	16.063	14.0	0.0	0.0	0.0	4.2
9	16.4	27.0	20.4	75.4	17.723	15.5	0.1	14.0	14.1	7.4
10	16.9	26.0	19.9	81.8	18.923	16.6	12.2	0.0	12.2	5.3
11	17.7	25.4	19.8	84.8	19.510	17.1	16.3	2.2	18.5	2.3
12	17.7	24.4	20.8	68.7	16.510	14.3	0.2	0.0	0.2	1.6
13	15.3	28.0	20.7	67.4	15.388	13.1	0.0	0.0	0.0	5.4
14	15.6	29.2	21.0	70.1	15.948	13.3	0.0	0.0	0.0	7.0
15	18.7	28.0	21.6	71.5	17.905	15.5	0.0	0.0	0.0	8.7
16	19.0	27.3	21.3	74.1	18.671	16.4	0.0	0.0	0.0	4.3
17	18.5	25.0	20.2	84.8	20.233	17.7	0.6	0.0	0.6	1.1
18	18.1	27.1	20.7	70.6	16.880	14.7	0.0	0.0	0.0	2.4
19	16.5	30.0	21.2	71.3	16.586	13.9	0.0	0.0	0.0	7.7
20	18.6	27.3	21.2	74.2	18.134	15.6	7.0	10.2	17.2	5.2
21	18.6	28.0	21.4	72.6	18.031	15.7	0.0	0.3	0.3	5.8
22	17.6	29.9	22.0	69.7	17.226	14.7	0.0	0.0	0.0	8.1
23	18.5	29.2	22.4	68.6	18.178	15.9	0.0	0.0	0.0	7.8
24	18.1	29.0	22.2	66.5	16.680	13.9	0.0	0.0	0.0	4.2
25	18.8	27.4	21.5	70.8	17.725	15.3	0.0	0.0	0.0	4.7
26	19.1	27.5	21.6	72.8	18.119	15.6	0.0	0.0	0.0	3.4
27	18.1	26.0	20.0	77.4	18.059	15.8	0.0	0.0	0.0	1.6
28	15.7	27.3	20.6	69.7	16.104	13.8	0.0	0.0	0.0	6.2
29	16.4	27.5	21.2	70.5	16.980	14.6	0.8	0.0	0.8	6.4
30	18.1	27.2	20.8	69.5	16.552	14.1	0.0	6.5	6.5	5.2
31	18.0	26.2	20.4	73.0	16.921	14.5	0.0	0.0	0.0	5.0
PROM.	17.3	27.0	20.7	72.0	17.027	14.7	48.9	43.4	92.3	154.3

ESTACION: JULIO FERNANDEZ
 ALTITUD: 1.360

MUNICIPIO: RESTREPO AÑO: 1.987
 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	
2	16.6	27.0	20.3	63.7	14.581	12.2	0.0	15.4	15.4	6.6
3	17.7	25.5	20.0	67.0	15.499	13.4	1.7	0.0	1.7	1.0
4	15.1	25.3	19.5	66.9	14.561	12.4	0.9	1.1	2.0	2.0
5	17.1	26.0	20.1	65.2	14.701	12.4	3.7	0.0	3.7	
6	14.0	29.8	21.0	66.1	15.153	12.6	3.8	1.3	5.1	
7	17.7	27.0	21.3	66.0	16.099	13.9	0.0	0.6	0.6	2.9
8	18.6	25.3	19.8	62.7	14.571	12.5	0.4	0.0	0.4	4.7
9	16.9	27.3	20.4	62.1	14.028	11.5	0.0	0.1	0.1	5.1
10	17.5	25.6	20.0	66.2	15.092	12.9	0.0	0.0	0.0	5.7
11	13.0	27.6	20.0	62.6	13.220	10.7	0.0	0.0	0.0	8.7
12	17.6	28.8	21.5	64.5	16.143	14.0	0.0	0.0	0.0	8.1
13	16.5	27.3	21.3	60.4	15.059	12.8	0.0	1.2	1.2	6.1
14	16.6	27.0	20.4	66.7	15.362	12.8	2.0	10.3	12.3	3.3
15	17.6	27.3	20.5	69.0	15.969	13.4	0.3	0.0	0.3	6.8
16	16.6	28.3	21.2	66.5	15.682	13.1	0.0	2.8	2.8	6.3
17	17.6	27.3	21.2	64.8	16.052	13.8	0.0	0.0	0.0	4.0
18	17.5	28.0	20.9	67.3	15.864	13.5	0.0	0.0	0.0	7.1
19	17.6	27.3	21.0	64.4	16.358	13.0	0.0	0.0	0.0	7.8
20	15.8	23.5	19.3	65.2	14.267	12.0	0.3	0.0	0.3	0.3
21	15.0	25.0	19.7	65.1	14.258	11.8	0.7	0.0	0.7	1.1
22	16.3	25.5	20.2	63.7	14.398	11.9	0.0	0.0	0.0	4.7
23	16.7	28.0	20.4	73.7	17.158	14.8	16.9	0.6	17.5	3.2
24	16.6	26.3	19.9	72.1	16.347	14.2	1.6	5.1	6.7	4.2
25	16.0	22.2	19.0	71.2	15.548	13.4	4.0	0.0	4.0	0.9
26	14.9	27.1	19.6	63.9	13.513	11.0	0.0	0.0	0.0	4.7
27	13.2	29.3	21.2	62.9	14.209	11.5	0.0	0.0	0.0	6.8
28	18.6	27.3	20.6	74.8	18.213	16.0	0.6	1.8	2.4	3.9
29	15.2	26.0	20.1	64.4	14.378	12.1	0.0	13.6	13.6	6.1
30	15.1	24.3	18.5	54.7	11.305	8.4	7.3	0.0	7.3	0.0
PROM.	16.4	26.6	20.3	65.8	15.088	12.7	44.2	53.9	98.1	

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	
2	17.0	26.3	18.4	78.7	16.495	14.3	19.7	0.0	19.7	2.1
3	14.0	25.4	19.5	67.4	14.404	12.2	0.0	0.5	0.5	4.4
4	16.2	25.3	20.1	75.3	17.340	15.2	6.0	0.0	6.0	4.5
5	17.6	24.1	19.6	67.6	15.261	13.0	0.0	0.7	0.7	2.3
6	16.6	27.5	21.2	68.6	16.598	14.2	0.5	0.1	0.6	2.9
7	17.7	23.0	19.1	71.6	15.838	13.7	0.7	0.0	0.7	0.6
8	15.8	25.0	19.2	66.5	14.354	12.0	0.0	0.4	0.4	2.2
9	16.9	25.6	19.7	70.3	15.613	13.2	0.4	0.0	0.4	5.1
10	16.6	23.5	20.9	67.2	15.351	12.3	5.2	0.0	5.2	2.5
11	18.0	24.1	20.1	68.8	16.048	14.0	0.0	0.0	0.0	
12	17.6	26.3	20.2	66.3	15.667	13.5	0.0	0.0	0.0	2.5
13	16.1	25.3	20.4	66.3	15.545	13.4	0.0	0.0	0.0	5.7
14	17.6	27.8	20.4	71.8	16.557	14.1	0.0	15.0	15.0	1.9
15	18.1	28.0	20.8	65.6	15.587	13.3	0.0	0.0	0.0	6.3
16	17.7	27.3	20.5	69.7	16.307	14.0	0.0	0.0	0.0	2.4
17	17.6	24.1	19.0	71.9	15.712	13.5	0.0	2.4	2.4	0.8
18	15.0	25.3	19.4	69.9	15.130	12.9	0.0	0.0	0.0	2.1
19	15.2	26.5	20.6	73.0	17.296	15.1	0.0	0.0	0.0	0.8
20	18.1	26.3	20.8	66.9	15.823	13.3	0.0	0.1	0.1	5.1
21	17.3	23.2	18.5	71.2	15.061	12.8	0.0	43.3	43.3	2.5
22	15.8	26.3	20.0	68.1	15.280	12.8	5.7	0.0	5.7	2.0
23	18.6	26.3	20.9	70.9	17.080	14.6	0.0	0.0	0.0	8.3
24	17.5	25.6	20.2	78.1	18.627	16.3	0.0	0.0	0.0	5.9
25	16.0	26.3	19.9	69.6	15.543	13.1	0.0	7.0	7.0	1.6
26	16.5	25.5	20.1	64.4	14.499	12.0	3.5	0.0	3.5	1.6
27	17.4	25.1	20.0	68.5	15.810	13.5	0.9	3.3	4.2	3.2
28	16.4	22.0	18.1	79.4	16.451	14.4	0.0	1.3	1.3	4.1
29	15.6	24.0	18.3	76.6	16.332	14.1	0.8	0.1	0.9	0.0
30	16.6	25.0	19.2	75.1	16.618	14.6	1.3	0.0	1.3	2.1
31	16.6	26.0	19.3	82.1	19.032	16.6	0.1	0.0	0.1	5.7
PROM.	16.7	25.6	19.3	70.7	15.950	13.6	45.2	93.0	138.2	4.4

ESTACION: JULIO FERNANDEZ

MUNICIPIO: RESTREPO

AÑO: 1.987

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	15.0	25.4	19.4	65.8	14.068	11.5	0.0	0.0	0.0	3.8
2	13.1	26.0	20.0	64.1	14.242	11.4	1.0	0.3	1.3	5.6
3	16.7	26.0	19.7	64.2	14.117	11.7	0.0	10.1	10.1	3.2
4	17.0	25.3	19.7	69.3	15.347	12.9	0.0	0.0	0.0	4.3
5	16.1	27.5	20.5	66.6	15.294	12.9	0.0	0.0	0.0	7.8
6	18.0	26.0	19.4	82.5	18.591	16.3	6.0	0.0	6.0	2.1
7	16.6	25.0	19.7	66.5	15.231	13.0	0.0	0.0	0.0	3.0
8	14.1	26.3	20.1	74.4	17.068	14.9	0.0	0.0	0.0	7.6
9	17.9	26.3	21.0	66.4	16.224	13.9	0.0	0.1	0.1	6.1
10	18.4	26.1	20.8	71.5	17.263	15.0	0.0	0.0	0.0	6.6
11	16.9	27.5	21.0	69.0	16.589	14.2	0.0	0.0	0.0	5.9
12	17.6	26.6	20.9	71.5	16.992	14.6	0.0	1.1	1.1	3.8
13	15.2	26.5	20.0	72.5	16.253	14.1	0.0	0.5	0.5	2.2
14	16.6	25.7	20.4	70.5	16.548	14.3	2.2	0.0	2.2	4.2
15	17.4	25.4	19.7	76.8	17.476	15.3	0.4	0.0	0.4	3.8
16	15.6	27.8	20.5	71.2	16.264	13.8	2.3	0.0	2.3	5.3
17	17.6	27.5	21.6	67.1	16.932	14.5	0.0	0.0	0.0	1.4
18	18.6	24.8	20.9	54.9	13.621	11.4	2.8	0.1	2.9	1.1
19	18.0	26.0	20.3	69.2	15.964	13.5	6.5	0.0	6.5	3.2
20	17.2	26.0	20.2	67.6	15.538	13.1	16.4	2.6	19.0	1.0
21	16.8	24.5	19.3	73.9	16.227	13.9	2.0	0.0	2.0	7.1
22	15.9	26.0	19.8	69.4	15.282	12.9	0.0	0.0	0.0	7.7
23	15.4	28.8	20.9	68.0	15.773	13.1	0.0	0.0	0.0	4.5
24	18.5	28.0	21.0	71.1	17.517	15.2	0.0	0.0	0.0	0.3
25	18.4	23.6	19.2	74.1	16.776	14.7	0.4	0.0	0.4	4.5
26	15.6	26.3	19.5	62.5	13.323	10.6	0.0	0.0	0.0	2.1
27	16.6	25.6	20.1	63.2	14.409	12.2	0.6	0.0	0.6	4.4
28	15.1	26.0	20.6	63.6	14.615	12.3	0.8	0.0	0.8	2.0
29	16.6	25.4	20.0	73.0	16.758	14.4	0.0	0.6	0.6	0.0
30	16.5	22.0	17.8	93.3	19.230	16.9	4.8	0.0	4.8	0.0
PROM.	16.6	26.0	20.1	69.8	15.984	13.6	45.4	15.4	60.8	122.2

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	15.8	24.6	19.0	69.1	14.504	12.1	0.0	13.6	13.6	3.4
2	16.1	23.3	18.2	87.4	18.440	16.2	3.6	3.6	7.2	0.0
3	15.6	25.3	19.6	73.3	15.965	13.7	6.4	0.0	6.4	2.1
4	14.4	25.0	18.8	74.8	15.594	13.5	0.0	1.6	1.6	4.5
5	17.4	25.5	19.8	68.2	15.155	12.6	1.2	2.5	3.7	2.8
6	14.6	24.3	19.4	70.3	15.317	13.0	3.7	0.2	3.9	2.7
7	16.3	25.0	20.2	68.3	15.880	13.7	0.0	0.0	0.0	6.3
8	17.1	26.6	20.5	68.7	16.086	13.7	3.2	0.0	3.2	6.5
9	17.1	26.5	20.0	74.0	17.006	14.7	0.0	0.0	0.0	5.3
10	17.9	25.2	19.0	88.8	19.592	17.1	14.5	0.3	14.8	3.1
11	17.9	25.5	20.0	72.8	16.648	14.2	0.0	0.0	0.0	6.0
12	18.5	26.0	21.0	70.2	17.145	14.8	0.7	0.0	0.7	2.6
13	17.6	25.0	20.5	73.7	17.354	15.1	0.0	0.0	0.0	0.3
14	17.5	27.1	20.8	69.2	16.419	14.1	2.7	0.0	2.7	2.8
15	16.1	26.2	20.0	70.4	15.828	13.4	0.0	0.0	0.0	7.5
16	17.9	26.0	20.3	74.0	17.338	15.0	0.0	0.0	0.0	2.5
17	17.6	27.5	20.9	67.9	16.209	13.8	0.0	0.0	0.0	5.5
18	18.6	27.1	21.3	72.5	17.744	15.1	0.0	0.0	0.0	6.4
19	17.1	26.6	21.1	71.7	17.537	15.1	0.0	0.0	0.0	6.3
20	16.6	27.0	21.4	70.3	17.446	15.1	0.0	0.0	0.0	5.4
21	18.1	28.5	21.6	64.5	16.143	13.7	0.0	0.2	0.2	6.3
22	18.3	28.0	21.7	68.5	17.368	15.0	0.0	0.0	0.0	8.6
23	18.7	28.0	21.2	70.9	17.502	14.9	0.0	0.0	0.0	7.8
24	18.9	27.1	21.2	69.4	17.132	14.9	0.0	0.0	0.0	6.4
25	17.7	28.1	21.4	66.3	16.092	13.7	0.0	0.0	0.0	7.3
26	18.7	26.8	21.7	64.7	16.514	14.1	0.0	0.0	0.0	2.9
27	17.2	26.3	20.9	66.8	15.830	13.4	0.0	0.1	0.1	7.2
28	17.4	27.3	21.0	65.8	15.655	13.3	0.0	0.0	0.0	4.6
29	18.2	26.2	19.9	72.7	16.524	13.8	0.1	0.0	0.1	5.8
30	17.1	29.0	21.5	63.2	15.140	12.5	0.0	0.0	0.0	7.4
31	17.8	29.5	21.6	68.2	16.881	14.3	0.0	0.0	0.0	6.0
PROM.	17.3	26.4	20.5	70.9	16.580	14.2	36.1	22.1	58.2	152.3

ESTACION: JULIO FERNANDEZ

MUNICIPIO: RESTREPO

AÑO: 1.987

ALTITUD: 1.360

LATITUD: 3-49 N.

LONGITUD 76-31 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
	ENERO	17.3	26.7	20.6	14.5				29.3	67.4	
FEBRERO	17.7	27.6	21.4	15.0	31.3	67.6	16.445	14.0	39.9	7	168.9
MARZO	16.6	26.3	20.5	13.0	29.0	68.3	15.837	13.4	86.7	9	132.8
ABRIL	17.5	27.3	21.2	14.4	31.5	69.8	16.977	14.6	75.0	12	113.0
MAYO	17.3	26.6	20.6	14.7	30.5	73.5	17.378	15.0	120.6	21	148.9
JUNIO	17.5	26.5	20.8	15.3	29.5	76.9	18.570	16.1	42.2	10	111.4
JULIO	17.2	26.3	20.3	14.0	29.0	74.8	17.332	14.9	90.7	17	132.3
AGOSTO	17.3	27.0	20.7	15.3	30.0	72.0	17.027	14.7	92.3	13	154.3
SEPTIEMBRE	16.4	26.6	20.3	13.0	29.8	65.8	15.088	12.7	98.1	20	
OCTUBRE	16.7	25.6	19.3	12.6	28.5	70.7	15.950	13.6	138.2	23	
NOVIEMBRE	16.6	26.0	20.1	13.1	28.8	69.8	15.984	13.6	60.8	17	122.2
DICIEMBRE	17.3	26.4	20.5	14.4	29.0	70.9	16.580	14.2	58.2	13	152.3
PROMEDIO	17.1	26.6	20.6	14.1	29.7	70.6	16.582	14.2			
TOTAL									946.1	174	

ESTACION: MESITAS DE SANTA INES

MUNICIPIO: CACHIPAY

AÑO: 1.987

ALTITUD: 1.250

LATITUD: 4-40 N.

LONGITUD: 74-28 W.

L L U V I A E N M I L I M E T R O S												
DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	4.5	0.0	0.0	6.3	0.0	0.0	0.0	1.7	0.0	16.0	0.0	35.0
2	0.0	0.0	0.0	5.1	0.0	0.0	0.5	8.9	0.0	46.0	26.9	0.0
3	0.0	0.0	0.0	14.5	0.0	0.0	0.3	0.0	0.0	2.0	8.3	0.0
4	4.0	0.0	10.9	0.0	12.6	1.7	0.1	0.0	0.0	50.0	19.2	2.0
5	9.0	0.0	22.6	19.7	9.6	0.6	12.0	0.0	0.3	5.0	0.0	0.0
6	30.0	0.0	0.0	0.0	0.0	0.1	0.1	0.6	18.0	0.0	0.0	20.0
7	5.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
8	15.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	26.0	45.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	7.9	0.0	0.0
10	0.0	0.0	0.0	2.8	0.0	0.0	0.0	5.8	0.0	15.0	0.0	1.4
11	0.0	4.9	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.3	3.6	0.0	0.0	0.0	0.0
13	0.0	8.5	0.7	0.0	0.0	0.0	0.0	7.3	55.0	9.0	0.0	0.0
14	0.0	2.7	34.0	0.0	0.1	0.0	0.0	0.0	62.0	0.0	4.0	0.0
15	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.8	6.1	0.0
16	0.0	0.0	18.0	0.0	2.6	8.8	0.0	0.0	0.0	0.0	15.0	0.0
17	0.0	0.0	28.0	0.8	0.2	0.0	0.0	2.5	0.0	10.0	0.6	0.0
18	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	15.0	16.9	0.0
19	0.0	0.0	0.0	0.0	0.2	0.0	1.4	0.0	0.0	0.0	0.0	0.3
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	5.0	2.2	0.0
21	0.0	0.0	0.2	0.0	2.2	0.0	0.0	0.0	0.0	0.0	5.7	0.0
22	10.0	0.0	5.0	0.0	8.1	0.2	0.0	0.0	0.0	2.3	0.3	0.0
23	0.0	0.0	0.0	1.0	50.0	0.3	0.0	0.0	1.1	8.7	0.0	0.0
24	0.0	0.0	0.0	1.1	0.0	0.5	0.0	0.0	0.0	0.0	2.5	0.0
25	0.0	0.0	0.0	0.0	9.9	0.2	0.7	0.0	6.6	54.0	1.1	0.0
26	25.0	0.0	1.6	33.0	15.5	3.4	0.0	0.0	0.0	0.0	5.3	0.0
27	0.0	0.0	0.1	9.7	0.0	0.0	3.3	1.2	0.0	10.0	2.2	0.0
28	0.0	0.0	3.6	3.3	0.0	0.6	1.2	0.0	4.1	13.0	0.7	0.0
29	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	48.0	2.9	3.8	0.0
30	16.0	0.0	18.0	0.0	0.0	0.4	3.8	3.3	0.0	33.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	41.0	0.0	0.0	81.0	0.0	0.0
Total	118.5	16.9	149.7	97.8	130.0	16.2	73.8	30.1	183.3	477.6	129.8	59.1
D.I.T.	9	4	13	12	12	10	14	9	11	21	18	6
TOTALES ANUALES							1482.8			139		

H O R A S												
DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	0.3	7.3	2.0	4.2	0.5	0.2	3.6	0.0		6.1	1.0	7.7
2	5.9	7.5	8.5	0.5	2.4		5.8	2.5		0.0	0.3	0.7
3	7.8	5.3	2.7	0.0	7.4		0.6	3.4	1.1	1.3	0.4	4.7
4		7.4	0.0	7.2	3.7		1.9	5.2	1.4	3.0		7.0
5	3.7	8.5	0.0	8.2	9.1	1.0	0.0	5.2	2.5	6.0	3.5	4.3
6	5.3	4.0	0.7	8.4	4.8	0.5	7.7	4.2	3.0	3.2	3.6	3.0
7		8.5	2.3	4.0	1.8	7.7	4.4	4.6	4.0		8.5	6.9
8	0.6	3.9	2.2	2.2	6.2		2.3	3.0	4.7	7.5		4.5
9	0.2	1.2	1.1	5.0	5.8	4.4	2.3	3.9	0.7	3.6	1.7	6.9
10	6.8	0.5		0.6	3.8	6.5	1.9	1.8	8.6	1.8		1.1
11		1.0	2.2	4.6	8.1	1.1	1.7	4.5	4.4	2.4		3.6
12		2.2		8.8	2.4	5.9	3.9	4.7	9.8	6.7	8.0	1.2
13	9.9	0.0	0.0	4.9	5.5	3.4	7.9	10.4	5.7		4.3	3.6
14		0.6	2.9	9.2	4.0	2.4	2.7	3.7	5.7	0.0	3.6	5.1
15		7.7		6.1	6.3	0.6	4.9	3.5	4.9	5.5	5.1	6.2
16	8.3	4.0		3.7	1.3	6.5	4.1	6.0			7.4	9.9
17	7.6	2.9	6.1	5.8	1.8	7.7	1.4	1.0	4.7	2.2	4.6	9.1
18	9.4	2.8	4.3	2.9	10.1	5.6	2.7	0.6	7.3		5.4	4.3
19	3.2	4.5	6.4	1.9		7.0	6.2	3.5	4.6	1.9	0.6	1.3
20	5.2	6.2	7.5	3.8	3.2	4.8	9.1	2.0	4.6	3.5	0.6	1.4
21	2.3	8.9	2.4	1.4	3.5	4.4	4.7	6.7	2.5	3.9	0.3	8.8
22		6.2	6.7	2.1	2.6	5.3	6.3	5.8	5.9	1.5	3.0	9.7
23	6.8	6.9	6.3	0.0	3.2	2.3		3.7	0.6	1.9	5.6	9.4
24	9.4	7.0		1.3		3.0	2.9	5.7		1.3		8.4
25	2.1	5.2	6.7	1.1		2.8	2.0	4.8	0.2	2.1	0.9	7.3
26		6.3	1.1	2.7	2.3	1.6	2.8	6.0	2.5	4.7	2.3	7.2
27	5.6	5.1	3.7	5.6	4.0		2.5	1.6	9.1		1.5	8.1
28	6.2	8.3	4.8	0.1	6.2		5.0	4.3	6.1	0.0	4.1	3.7
29	5.4	0.0	6.3	1.5	9.7	1.7		4.3	4.3	1.7	1.5	2.2
30	4.5	0.0	2.5	0.4	4.6		2.9	0.0	0.0		3.0	5.1
31	4.3	0.0	5.3	0.0	5.4	0.0	2.9	5.9	0.0	2.5	0.0	2.5
Total		139.9		108.2				122.4				144.9
TOTAL ANUAL -												

ESTACION: EL SAUCEI

MUNICIPIO: LA UNION

AÑO: 1.987

ALTITUD: 1.600

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	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	4.1	0.0	0.0	21.6	0.0	0.0	0.7	10.4	0.0	58.8	0.0	22.8
2	0.0	0.7	0.0	11.6	6.8	0.0	0.0	4.5	0.0	0.0	0.0	2.5
3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.8
4	0.0	0.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	11.8	0.9	0.0
5	2.3	0.0	8.9	5.0	0.0	0.3	0.0	0.3	1.1	0.4	1.3	0.0
6	2.9	0.0	0.0	0.0	18.8	10.6	0.0	0.0	25.8	0.0	0.0	0.2
7	4.6	1.2	12.9	0.0	0.0	0.9	0.0	32.1	0.0	0.0	0.0	0.0
8	0.0	0.0	28.0	0.0	0.2	0.0	0.0	2.7	0.0	0.0	0.0	0.0
9	2.8	0.0	4.8	0.0	3.4	0.0	0.0	1.6	0.0	8.8	0.0	0.7
10	0.1	0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.0	5.7	0.0	0.0
11	0.0	0.0	0.1	0.0	6.1	0.0	0.0	0.9	0.0	0.6	0.0	1.7
12	0.0	7.7	4.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	5.5
13	0.0	5.9	18.1	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0
14	0.0	0.0	0.4	0.0	0.0	0.5	0.0	0.0	0.0	31.0	27.9	0.0
15	0.0	0.0	0.0	0.0	5.0	0.5	0.0	0.0	9.0	54.3	37.8	0.0
16	0.0	0.0	0.0	0.0	6.3	0.1	0.0	0.0	0.0	0.3	8.7	0.0
17	0.0	0.0	0.0	0.0	63.4	0.0	0.0	0.0	0.0	17.0	0.7	0.0
18	0.0	2.8	0.0	0.0	6.1	0.0	2.7	0.0	0.0	11.3	0.0	0.0
19	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	40.4	0.0
20	0.0	0.0	0.0	0.0	1.4	0.0	0.2	0.0	0.0	0.0	23.0	0.0
21	0.0	0.0	0.0	0.0	37.9	0.0	0.0	0.0	0.0	16.1	2.8	0.0
22	0.0	0.0	0.9	1.2	8.3	0.0	0.0	0.0	0.2	1.8	0.0	0.0
23	27.3	0.0	0.0	0.0	3.2	0.0	0.5	0.0	0.0	2.4	0.0	0.0
24	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.3	2.1	0.0	0.0
25	0.0	0.0	0.0	0.7	0.0	0.0	9.8	0.0	0.1	43.3	0.0	0.0
26	0.0	0.0	3.5	3.2	0.0	0.0	12.9	0.0	0.4	8.7	52.6	0.0
27	1.1	0.0	1.2	5.2	0.0	0.0	1.0	0.0	0.0	0.0	1.5	0.0
28	0.0	0.0	0.0	14.9	0.0	0.0	5.6	0.0	0.6	17.0	0.0	0.0
29	0.0	0.0	0.0	13.9	0.0	0.0	10.8	0.0	0.0	0.3	0.0	0.0
30	0.9	0.0	6.7	14.1	0.0	0.0	11.3	0.0	18.4	35.6	25.8	0.0
31	6.0	0.0	1.8	0.0	0.0	0.0	4.2	1.1	20.9	0.0	27.1	0.0
Total	59.8	29.0	99.5	95.9	218.8	12.9	63.3	54.1	95.8	390.3	250.5	62.2
D.I.T.	13	7	14	13	17	6	12	9	10	24	13	7
TOTALES ANUALES											1432.1	145

E R I L L O S O L A R E N H C R A S												
DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	6.2	1.5	2.4	0.0	0.0	5.5	7.8	0.2	4.6	6.4	4.1	4.4
2	7.7	5.7	6.0	0.2	1.1	5.2	7.9	1.6	8.4	0.7	7.8	0.0
3	4.3	4.1	8.1	4.4	3.9	3.3	3.5	8.0	6.4	1.1	3.1	3.2
4	6.9	5.0	0.4	10.8	1.9	2.8	3.3	7.6	1.7	2.7	0.0	7.0
5	7.4	5.7	1.3	6.2	5.1	2.1	6.4	4.9	7.4	4.2	5.0	0.0
6	4.5	10.0	0.0	10.3	3.1	6.0	8.3	7.7	6.7	5.6	0.0	6.8
7	0.9	2.7	7.6	7.3	5.0	4.0	6.2	5.1	6.2	4.5	0.0	2.3
8	2.0	0.0	5.6	0.7	7.3	1.1	8.3	3.4	2.4	3.9	1.2	5.8
9	1.3	7.4	4.1	2.6	6.3	8.2	6.1	4.9	6.8	4.1	8.4	4.5
10	5.0	2.0	8.3	3.4	0.0	7.5	4.3	2.0	8.6	4.6	2.3	3.8
11	2.6	8.5	1.0	7.3	6.9	4.5	5.3	4.0	9.6	4.7	2.0	5.6
12	6.1	5.3	5.7	5.7	5.5	8.0	9.9	1.7	9.5	3.1	0.0	2.9
13	8.0	7.2	4.0	5.4	5.0	6.7	5.4	3.8	5.2	4.3	0.0	1.1
14	8.7	0.0	3.9	7.0	0.0	0.1	7.0	5.5	8.4	8.0	2.2	2.3
15	7.6	5.9	4.5	8.4	6.1	4.6	4.7	8.0	7.0	5.5	5.3	3.7
16	8.8	7.6	3.9	4.0	3.9	9.4	8.2	4.1	8.9	3.6	2.6	4.0
17	9.2	6.8	6.9	6.2		4.9	3.2	5.3	2.9	0.6	4.3	0.1
18	4.0	4.0	9.6	4.8	10.0	8.1	5.8	2.8	8.4	4.2	0.2	5.2
19	1.6	3.8	7.9	1.0	4.8		8.9	9.5	8.0	6.4	0.0	3.7
20	7.3	0.9	8.8	6.4	4.5	6.7	5.7	4.7	0.2	4.5	5.1	5.5
21	7.4	4.5	8.1	3.3	2.7	8.1	5.5	7.2	3.9	1.9		4.2
22	2.5	2.0	5.9	4.0	3.1	7.7	3.8	5.4	1.8	4.4	0.0	2.9
23	1.7	5.9	6.4	5.0	0.6	0.2	6.9	8.1	3.5	2.2	9.8	0.0
24	9.0	4.8	7.7	2.9		2.5	4.1	5.9	6.9	5.5		6.8
25	5.6	7.3	7.4	3.0	4.1	6.2	6.4	6.0	0.8	6.0	0.0	7.4
26	5.3	5.9	8.7	0.6	5.1	8.7	2.3	1.6	6.8	1.9	0.0	8.8
27	4.0	5.6	4.6	5.3	9.8	10.3	6.2	5.3	8.7	3.5	4.8	7.8
28	4.5	4.8	7.9	0.0	10.3		3.4	9.5	7.1	0.1	3.8	5.1
29	7.8	0.0	6.1	1.8	8.4		4.9	9.1	6.4	1.8	6.5	3.3
30	6.1	0.0	1.1	3.3			2.3	4.5	2.1	3.6	0.8	9.9
31	11.0	0.0	0.0	0.0	11.6		1.5	7.1	0.0	2.8	0.0	2.6
Total	175.6	134.9	164.5	131.3			173.5	164.9	175.3	16.4		131.6
TOTAL ANUAL												

ESTACION: EL SENA

MUNICIPIO: ARMENIA

AÑO: 1987

ALTITUD: 1.550

LATITUD: 4-32 N.

LONGITUD: 75-40 W.

L L U V I A E N M I L I M E T R O S												
DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICEM
1	4.5	0.0	0.0	20.0	1.1	0.0	3.7	5.0	0.0	15.2	0.1	19.1
2	0.0	0.0	0.0	6.3	7.9	0.0	0.9	7.5	0.9	11.3	71.2	16.6
3	12.1	0.0	1.0	5.1	6.0	0.0	1.8	1.2	7.9	19.2	0.0	0.5
4	7.1	0.4	2.8	0.0	5.1	0.4	13.2	1.1	3.1	36.3	4.4	69.5
5	0.0	1.0	25.4	1.4	0.0	0.9	0.2	0.5	3.7	2.4	0.0	18.6
6	0.5	0.0	21.0	38.7	6.0	0.5	0.0	0.7	1.9	0.3	0.0	8.3
7	14.3	0.0	36.0	0.0	0.5	0.0	4.8	0.6	0.0	4.3	0.0	0.4
8	0.4	5.4	17.3	2.9	0.7	0.0	0.0	0.2	0.0	21.7	0.3	5.3
9	3.7	0.0	3.7	0.2	2.4	0.0	0.0	11.3	9.6	3.5	0.0	0.0
10	4.9	0.0	0.0	0.3	0.0	0.0	0.0	3.2	0.0	0.2	0.0	0.0
11	0.0	0.0	2.9	0.0	13.5	37.3	0.0	1.7	0.0	0.2	0.0	6.8
12	0.0	22.1	5.0	0.0	0.0	0.5	0.0	0.3	0.0	17.9	0.0	0.0
13	0.0	0.0	22.0	3.0	2.8	0.0	0.0	0.0	57.4	0.8	1.9	0.0
14	0.0	1.0	0.0	0.0	0.0	0.6	0.0	0.0	2.7	18.1	63.9	0.0
15	0.0	0.0	0.5	0.0	33.8	0.0	0.0	0.0	0.0	43.7	0.0	0.2
16	0.0	0.2	0.5	0.0	21.0	0.0	0.0	0.0	0.9	88.1	3.8	0.0
17	0.0	0.5	6.9	12.5	0.0	0.0	8.0	0.0	0.0	6.1	0.3	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	1.0	65.9	0.0
19	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	15.0	0.0
20	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	35.2	0.0	20.4	0.0
21	0.0	0.0	0.0	0.0	25.9	0.0	0.0	0.0	9.4	0.0	0.6	0.2
22	3.6	0.0	0.0	3.7	27.2	0.0	0.0	0.0	5.6	0.0	0.0	0.0
23	12.6	0.0	0.0	1.4	33.3	1.2	4.3	0.0	2.0	34.8	0.0	0.0
24	0.0	0.0	1.1	17.2	0.0	0.7	1.7	0.0	3.7	32.0	60.3	0.0
25	0.0	0.0	0.0	9.5	0.3	0.0	10.4	0.0	2.1	0.0	0.9	0.0
26	0.0	0.0	10.1	1.8	12.8	0.1	0.2	0.0	0.0	38.4	14.2	0.0
27	0.0	0.0	11.7	7.6	13.1	0.0	0.0	0.0	8.7	12.7	0.0	0.0
28	0.0	0.0	0.2	9.5	0.0	0.0	0.0	0.0	4.7	13.1	0.0	0.0
29	0.0	0.0	1.4	1.0	0.0	0.0	24.3	6.6	31.7	30.2	1.2	2.2
30	0.0	0.0	10.6	14.3	0.0	0.0	10.1	0.0	7.0	11.2	39.0	0.2
31	4.6	0.0	0.3	0.0	0.0	0.0	10.1	0.0	0.0	35.7	6.0	0.3
Total	75.1	30.6	180.4	156.4	218.4	42.2	55.6	39.9	198.8	498.5	363.4	148.2
D.I.T.	12	7	20	19	19	9	15	13	20	27	17	14
TOTALES ANUALES							2 047.5			192		

E R I L L O S O L A R E N H C R A S												
DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICEM
1	3.6	6.7	4.5	1.1	0.0	0.1	3.6	0.1	2.8	5.3	1.7	3.0
2	6.4	7.4	1.8	0.0	2.7	4.6	0.5	6.3	4.6	0.4	1.1	0.6
3	7.7	1.0	3.3	0.0	3.5	3.6	2.0	4.9	0.7	2.2	3.7	2.0
4	4.5	7.6	0.0	3.2	3.0	2.7	3.4	4.8	0.5	6.9	3.5	4.4
5	4.1	6.2	7.2	1.2	3.7	0.3	4.9	3.6	0.3	2.1	7.9	5.5
6	5.7	6.0	6.9	5.9	1.4	3.5	7.2	0.7	6.5	2.0	4.4	1.7
7	0.8	6.9	4.2	5.6	2.1	1.2	4.2	6.2	3.9	1.3	5.3	1.7
8	3.5	3.9	3.6	0.2	5.2	1.8	3.5	1.7	1.8	0.7	6.0	5.4
9	5.2	5.1	0.0	5.4	5.3	8.9	4.3	6.7	2.4	0.4	6.8	6.3
10	3.3	5.1	7.2	1.9	1.4	5.8	4.5	2.0	5.6	2.6	7.1	2.4
11	0.9	3.8	3.1	5.3	9.2	0.0	3.7	2.9	5.4	2.2	5.8	5.0
12	6.4	2.1	4.9	8.9	6.0	7.1	7.8	2.3	5.6	2.6	5.4	5.8
13	6.5	2.6	2.1	2.9	4.6	0.0	6.1	1.9	1.6	3.8	3.8	2.7
14	7.8	0.0	4.8	5.1	4.5	0.9	5.1	8.1	0.4	4.1	2.7	3.6
15	7.4	6.9	2.5	5.6	3.4	2.6	3.9	8.4	0.0	2.6	3.2	5.5
16	5.2	5.7	1.0	6.7	0.0	7.3	5.7	2.7	6.8	2.9	3.3	7.2
17	8.4	0.8	4.7	6.4	2.9	5.7	0.0	1.3	6.6	0.0	5.7	8.3
18	7.8	3.4	7.5	3.6	8.8	4.5	1.8	3.3	5.5	0.9	3.0	9.5
19	0.0	6.0	0.7	5.5	7.6	5.6	6.5	9.6	5.8	3.4	2.3	6.7
20	5.6	8.9	9.5	2.4	1.4	1.6	8.2	5.7	2.1	0.5	2.3	1.7
21	0.6	0.0	2.9	0.9	2.0	8.4	6.0	6.6	1.8	0.0	2.4	9.2
22	2.5	0.0	5.3	2.8	1.1	7.1	4.5	3.8	3.1	1.7	9.4	8.6
23	4.0	0.0	0.0	0.7	2.1	1.3	4.5	8.5	0.8	1.1	8.5	8.3
24	6.9	5.9	5.5	0.0	6.2	1.2	2.2	6.5	4.4	2.4	5.6	9.0
25	2.9	6.6	6.2	0.0	5.6	4.2	4.3	4.6	0.0	1.3	0.3	7.2
26	5.4	8.4	2.8	3.2	2.2	5.4	2.8	5.4	2.6	0.6	5.3	3.9
27	4.6	6.8	2.7	4.5	5.2	9.3	0.0	4.4	5.3	1.0	4.7	7.0
28	8.1	7.5	1.0	1.8	8.0	9.1	2.8	4.3	3.8	0.0	8.8	2.1
29	7.7	0.0	2.8	1.0	8.5	3.3	1.2	4.2	3.7	1.4	5.6	2.8
30	5.3	0.0	1.7	1.5	9.5	4.6	2.8	2.6	1.8	1.9	0.0	7.3
31	1.8	0.0	2.2	0.0	5.8	0.0	0.3	3.7	0.0	1.8	0.0	6.4
Total	150.6	131.3	112.6	93.3	132.9	121.7	118.3	137.8	96.2	60.1	135.6	160.3
TOTAL ANUAL -1451.2												

ESTACION: AGUAS BLANCAS

MUNICIPIO: SAN VICENTE

AÑO: 1.987

ALTITUD: 920

LATITUD: 6-50 N.

LONGITUD: 73-27 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	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	0.0	0.0	0.0	0.0	18.9	4.2	0.0	5.2	2.2	1.8	19.7	0.0
2	0.0	0.0	64.0	14.0	0.0	8.6	0.0	1.9	3.1	0.0	3.3	0.5
3	0.0	0.0	13.0	0.0	0.3	25.0	1.3	15.7	2.6	66.6	1.1	0.0
4	0.0	0.0	0.0	32.0	0.0	44.1	6.2	0.9	0.0	7.7	9.0	10.5
5	1.6	0.0	24.0	0.0	0.3	11.4	0.0	0.6	1.5	5.3	0.4	8.6
6	13.7	62.0	0.0	10.0	9.1	6.0	0.0	16.0	6.3	18.4	4.3	0.1
7	0.8	0.0	12.0	0.0	1.5	0.9	1.3	5.5	0.0	0.3	0.0	10.8
8	0.0	0.0	2.0	0.0	1.0	5.6	0.6	0.0	10.6	17.4	0.0	0.0
9	0.0	0.0	4.0	0.0	2.4	0.0	0.1	0.5	0.0	5.0	0.0	0.0
10	0.0	0.0	5.0	0.0	0.0	7.1	0.1	0.4	1.5	0.0	0.0	1.3
11	2.3	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	23.1	0.0	0.1
12	0.0	9.0	0.0	0.0	0.0	2.4	0.2	4.6	0.1	0.0	0.0	0.1
13	0.0	0.0	0.0	0.0	0.9	0.0	0.9	0.6	36.0	0.5	16.1	0.0
14	0.0	0.0	0.0	0.0	0.3	15.2	4.2	0.0	0.1	72.2	4.1	0.0
15	0.0	8.0	0.0	0.0	41.0	5.0	3.4	0.0	9.6	0.5	0.0	0.0
16	0.0	0.0	0.0	0.0	13.1	0.0	4.0	0.0	0.1	18.0	0.0	0.0
17	0.0	0.0	0.0	0.0	4.8	0.0	5.5	0.0	16.3	0.0	0.0	0.0
18	0.0	0.0	0.0	12.0	0.6	0.0	4.0	0.3	0.0	44.0	0.0	0.0
19	2.0	0.0	0.0	0.0	0.0	30.0	3.5	1.7	3.0	0.9	51.6	0.0
20	3.0	0.0	0.0	0.0	4.7	0.3	0.0	2.9	6.5	3.4	1.2	0.0
21	11.8	0.0	0.0	0.0	0.2	0.8	1.4	10.8	1.1	0.0	1.2	0.0
22	12.0	0.0	0.0	45.0	28.6	1.3	0.0	1.4	8.4	0.3	57.5	0.0
23	0.0	0.0	0.0	15.0	83.1	3.4	14.7	0.0	0.1	0.0	0.3	0.0
24	0.0	4.0	0.0	5.0	0.5	30.0	2.2	21.3	0.8	0.0	0.0	0.0
25	0.0	0.0	0.0	5.0	0.5	6.0	0.0	1.4	30.8	0.1	3.2	0.0
26	0.0	0.0	0.0	17.0	48.3	6.0	2.0	1.3	0.0	20.8	7.2	0.0
27	0.0	0.0	0.0	12.0	0.0	0.2	0.4	6.8	0.0	5.0	1.0	0.0
28	0.0	0.0	44.0	3.0	0.5	0.0	0.3	0.3	15.7	20.3	0.0	0.0
29	0.0	0.0	50.0	0.0	0.0	0.0	2.2	5.4	44.6	0.0	0.3	5.6
30	0.0	0.0	0.0	0.0	0.0	0.2	5.2	12.6	0.5	0.3	45.6	0.0
31	0.0	0.0	0.0	0.0	15.8	0.0	3.1	0.0	79.0	0.0	0.0	7.5
Total	47.2	83.0	237.0	170.0	276.4	213.8	73.3	118.1	201.5	410.9	227.1	45.1
D.L.T.	8	4	10	11	22	23	23	23	23	23	18	10
TOTALES ANUALES												
2 103.4												
198												

DIAS	B 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	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	2.4	1.3	1.7	0.9	0.0	4.9	7.6	1.8	2.9	4.0	3.9	1.1
2	3.0	4.9	0.5	0.2	5.0	3.3	6.9	4.7	3.3	2.8	6.6	2.1
3	0.0	4.3	2.6	3.0	3.8	2.3	2.0	2.0	0.4	2.8	1.9	6.3
4	1.8	3.2	1.7	6.5	3.1	0.8	5.3	9.6	2.5	0.5	4.2	2.8
5	1.5	1.7	6.3	6.3	0.3	1.4	4.1	4.0	1.9	1.7	2.6	1.8
6	0.0	2.1	3.6	3.6	2.5	1.1	2.3	6.7	4.7	2.6	4.0	1.9
7	0.2	1.6	2.9	8.1	1.5	7.3	8.7	6.2	7.5	1.4	6.7	0.6
8	0.0	0.4	1.0	0.8	8.8	5.6	4.0	2.7	5.0	0.9	7.3	3.1
9	0.7	1.5	1.3	3.1	1.0	2.3	6.3	3.7	6.8	1.0	5.9	2.7
10	3.2	0.1	5.6	0.9	3.9	6.7	7.1	7.3	2.9	7.1	6.5	2.5
11	1.4	1.3	1.1	5.6	7.1	4.4	7.5	4.0	6.2	4.0	4.9	3.0
12	4.2	1.9	0.0	8.1	0.9	7.4	7.1	1.4	5.0	5.2	5.8	2.1
13	4.7	1.0	0.0	2.8	1.2	3.5	7.7	3.5	5.8	3.9	2.6	3.4
14	3.5	1.0	1.3	4.8	1.4	1.9	8.4	8.9	3.9	4.5	1.9	4.9
15	2.7	2.9	1.4	5.8	5.6	5.5	4.9	7.7	2.6	3.8	2.4	1.7
16	1.5	2.8	0.0	0.1	0.4	5.7	6.6	9.0	6.3	3.5	5.1	3.5
17	4.2	0.9	2.5	1.1	3.4	5.8	0.4	2.1	2.7	1.4	4.6	4.5
18	6.1	2.2	7.0	0.8	2.3	2.5	0.6	6.8	6.1	1.1	1.2	3.0
19	0.5	1.6	4.4	3.4	7.7	8.7	4.8	5.0	5.2	1.0	2.5	5.0
20	0.6	2.8	1.1	4.8	2.0	1.2	9.2	4.9	5.6	1.2	1.0	3.9
21	0.8	4.5	1.0	0.3	5.8	4.2	4.9	3.8	2.3	2.1	1.0	5.3
22	3.0	1.9	0.3	5.3	0.6	3.2	7.0	6.4	2.3	3.4	1.4	4.6
23	0.2	1.3	3.1	2.2	3.2	3.8	6.5	6.6	5.5	1.7	3.5	4.1
24	2.0	2.2	4.4	0.0	0.8	4.9	2.0	5.5	4.0	1.0	3.5	3.8
25	4.8	3.6	3.7	0.9	5.5	1.9	2.8	7.1	1.6	1.3	0.0	5.7
26	3.2	5.0	0.0	0.3	4.9	7.2	3.4	5.2	6.1	2.6	3.1	4.6
27	2.5	2.6	2.8	2.7	5.2	4.8	2.5	3.0	5.6	0.9	1.3	2.6
28	0.3	2.9	3.5	0.6	6.1	9.0	4.7	5.2	6.4	1.2	3.4	2.6
29	2.9	0.0	1.1	2.4	7.0	7.4	4.0	7.4	6.3	0.5	1.0	1.2
30	5.4	0.0	3.5	1.1	8.4	3.4	2.7	2.4	0.0	3.1	0.7	1.0
31	4.6	0.0	2.6	0.0	4.3	0.0	2.4	5.9	0.0	3.9	0.0	1.4
Total	71.9	63.5	72.0	86.5	113.7	132.1	154.4	160.5	127.4	75.1	100.5	90.8
TOTAL ANUAL - 1256.4												

ESTACION: LA MONTARA

MUNICIPIO: DOLORES

AÑO: 1.987

ALTITUD: 1.200

LATITUD: 3-33 N.

LONGITUD: 74-54 W.

DIAS	L L U V I A E N M I L I M E T F O S												
	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM	
1	0.0	0.0	0.0	1.5	24.4	6.2	0.0	0.0		67.1	0.0	32.8	
2	0.0	0.0	0.0	10.0	0.0	0.2	1.5	32.3		0.0	0.0	2.7	
3	0.0	0.0	19.0	6.3	2.3	0.0	0.0	0.0		15.5	40.0	62.0	
4	0.0	0.0	8.0	0.0	8.6	5.8	3.3	0.0		0.0	10.0	52.6	
5	0.0	0.0	0.0	6.0	34.7	0.0	0.0	0.0		0.3	0.0	0.6	
6	0.0	0.0	0.0	0.0	10.3	0.2	0.0	1.7		1.4	0.0	0.8	
7	8.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1		0.0	0.0	0.0	
8	3.0	46.0	2.0	0.0	3.5	4.2	0.0	0.0		21.1	0.0	0.0	
9	5.0	7.0	2.0	0.0	0.4	0.0	3.3	11.8		23.8	0.0	0.7	
10	0.0	0.0	3.0	4.8	0.0	0.8	0.4	2.0		3.0	0.0	1.8	
11	0.0	0.0	2.0	0.2	0.0	0.1	0.0	11.1		0.0	0.0	3.3	
12	0.0	3.0	1.0	0.0	6.8	0.0	0.1	0.1		6.9	0.0	7.3	
13	0.0	32.0	1.0	0.0	0.2	0.0	2.7	0.0		101.0	0.0	1.0	
14	0.0	0.0	5.0	0.0	0.0	3.0	0.0	0.0		5.9	26.0	0.0	
15	0.0	0.0	0.0	0.0	66.3	0.0	0.0	0.0		0.0	35.0	0.0	
16	0.0	0.0	0.0	0.3	9.2	0.0	0.0	0.0	12.7	1.9	2.0	0.7	
17	0.0	0.0	0.0	0.0	0.1	1.6	0.6	1.5	0.0	0.8	20.0	0.0	
18	0.0	0.0	0.0	0.8	0.0	0.0	0.6	0.0	0.0	14.5	17.0	0.1	
19	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	29.1	0.0	0.0	
20	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	28.0	84.0	0.0	
21	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.0	44.9	0.0	20.0	0.0	
22	4.0	0.0	0.0	0.0	140.2	0.1	0.0	0.0	0.0	0.8	0.0	0.0	
23	0.0	0.0	0.0	1.4	46.8	7.6	2.7	0.0	5.1	0.1	0.0	0.0	
24	0.0	0.0	0.0	0.3	1.2	0.0	2.4	0.0	0.0	1.1	0.3	0.0	
25	0.0	0.0	0.0	0.1	3.5	0.6	1.8	0.0	0.7	1.3	0.0	0.0	
26	0.0	0.0	19.9	6.9	0.8	0.0	0.0	0.0	0.0	0.0	3.3	0.0	
27	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	23.1	0.0	0.0	
28	0.0	0.0	64.1	42.2	0.0	0.0	2.3	0.0	0.0	25.0	18.9	0.0	
29	3.0	0.0	34.8	1.6	0.0	0.4	0.0	0.0	0.0	0.0	7.1	0.0	
30	0.0	0.0	7.4	0.7	0.0	0.7	0.0	0.0	28.6	10.0	32.1	1.2	
31	0.0	0.0	38.7	0.0	5.1	0.0	11.6	0.0	0.0	27.0	0.0	0.1	
Total	23.0	88.0	207.9	88.2	368.2	31.5	33.7	62.6	92.0	408.7	315.7	67.7	
D.I.	5	4	14	16	21	14	14	8	5	23	14	15	
TOTALES ANUALES							1887.2			153			1177

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	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1				5.2	0.0	0.4	5.8	0.7	7.2	7.0	1.1	1.5
2				2.7	0.9	9.5	8.3			2.5	3.0	0.5
3				0.0		6.4		5.4	0.3	1.0	0.4	3.4
4				6.7		4.8	2.8	9.9	1.3	2.2	1.8	6.9
5				6.7	0.7	1.3	0.0	3.4	3.9	3.8	4.9	4.7
6				5.4	1.8	3.3	8.0	1.6	4.4	5.1	1.5	5.0
7				7.9	4.7	7.5	10.1	7.6	4.5	3.7	6.9	2.7
8				0.8	9.8	6.9	5.3	5.4	0.0	2.2	6.0	4.8
9				6.3		10.1	2.4	8.2	2.7	0.9	7.6	4.7
10				0.1	6.7	6.0	4.9	5.2	6.8	5.8	3.1	2.9
11				5.7	7.8	4.0	5.3	8.8	4.6	3.7	5.7	1.3
12				9.3	8.2	10.5	10.5			2.0	6.1	1.0
13				4.8	3.7	8.5		5.2		4.7	0.9	3.2
14				9.1	3.5	3.2		5.1		1.5	0.9	4.1
15				0.0	7.4	3.0		8.7		6.9	2.9	3.6
16				0.0	1.4	3.9		5.6	10.3	3.0	4.1	4.3
17				5.7	4.1	8.8	8.5	0.8		0.5	1.9	5.6
18				5.4	10.7	3.0		3.0		0.5	1.8	6.7
19				0.4	7.9	8.2		5.0		5.6	2.4	7.6
20				8.0	3.4	5.0	8.2	2.3		4.8	1.0	5.9
21				0.2	4.7	6.6	7.4	7.2		5.8	2.1	8.9
22				3.9	4.4	7.6	9.7	5.1	0.7	1.2	5.5	7.8
23				1.9	1.2	3.0	3.7	3.3	0.0	3.3	3.1	6.1
24				1.2	0.0	5.6	4.7	0.0		2.4	8.8	8.2
25			8.5	2.2	8.8	2.7	6.4	4.9	1.3	1.9	3.3	9.0
26			7.9	0.3	3.3	3.7	1.1	3.4	5.5	4.7	2.6	8.9
27			8.5	5.3	7.7	5.7	1.7		6.3	3.8	1.3	9.1
28			2.3	0.2	10.7	6.2	1.1		8.9	1.0	0.9	7.2
29			3.4	3.7	10.2	6.7	4.9	3.3	9.7	2.5	2.4	7.1
30			2.4	3.2	10.3	4.8	1.1	3.2	2.9	0.5	0.0	4.9
31			5.0	0.0	6.8	0.0	4.2	5.9	0.0	2.5	0.0	4.5
Total				112.3		66.9				97.0	94.0	162.1
TOTAL ANUAL -												

ESTACION: **VENEZIA**

MUNICIPIO: **CAICEDONIA**

AÑO: **1.987**

ALTITUD: **1.170**

LATITUD: **4-20 N.**

LONGITUD: **75-55 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	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	0.0	0.0	0.0	33.1	0.1	0.0	3.4	5.8	0.0	0.1	3.5	19.0
2	0.0	0.0	0.0	17.6	23.8	0.0	0.0	8.6	0.0	6.7	1.0	3.0
3	27.3	0.0	5.1	2.2	14.3	0.0	0.2	0.3	0.0	33.9	14.1	2.1
4	0.0	0.0	32.4	50.0	5.5	0.3	4.8	1.2	19.8	9.0	0.0	23.7
5	0.0	0.0	61.6	10.0	19.4	2.0	0.0	6.6	25.9	0.8	0.0	1.9
6	1.6	0.0	7.0	0.0	1.0	0.0	0.0	0.0	2.6	10.0	0.0	0.0
7	14.7	0.0	28.1	0.0	0.3	0.0	0.1	0.0	0.0	4.2	1.0	1.0
8	0.0	0.0	9.4	3.1	0.0	0.0	0.0	5.5	0.0	41.7	0.0	0.0
9	0.0	0.0	27.4	0.0	2.4	0.0	0.0	6.4	0.0	2.5	0.0	0.0
10	0.0	0.0	0.0	0.4	0.0	1.3	0.4	9.6	1.3	0.0	0.3	0.0
11	0.0	3.1	25.5	0.0	0.0	0.0	0.0	13.9	0.2	0.0	0.0	0.0
12	0.0	3.6	0.0	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.0	0.0
13	0.0	0.0	8.7	0.0	2.0	0.0	0.0	0.0	0.0	36.9	0.0	0.0
14	0.0	3.2	0.0	0.0	2.6	0.0	0.0	0.0	84.4	7.6	15.0	0.0
15	0.0	0.0	1.5	0.0	51.1	0.0	0.0	0.0	11.3	0.0	26.0	0.0
16	0.0	0.0	3.2	0.0	10.0	0.0	0.0	0.0	0.0	1.3	3.7	0.0
17	0.0	0.9	0.0	3.8	0.0	0.0	0.4	0.0	0.0	1.4	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	2.1	0.0	0.0
19	6.8	2.8	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0
20	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	3.3	2.5	59.9	0.0
21	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0	7.6	4.4	47.0	0.0
22	17.8	0.0	0.0	5.7	29.3	0.0	0.0	0.0	0.6	6.6	0.0	0.0
23	0.0	0.0	0.0	1.3	20.1	0.6	0.7	0.0	7.5	0.0	0.0	0.0
24	0.0	0.0	0.0	34.9	0.0	0.0	15.9	0.0	1.2	0.1	0.0	0.0
25	0.0	0.0	0.0	10.8	0.0	0.0	2.0	0.0	2.0	7.0	23.0	0.0
26	0.0	0.0	0.0	1.2	3.0	0.0	1.5	0.0	0.0	0.0	0.7	0.0
27	0.7	0.0	0.0	29.5	1.0	0.0	3.3	0.0	0.1	0.9	21.0	0.0
28	0.0	0.0	0.0	4.2	0.0	0.0	2.6	0.0	0.1	36.1	0.0	0.0
29	0.0	0.0	0.0	21.9	0.0	0.0	31.1	38.5	0.1	14.3	0.0	3.2
30	0.0	0.0	15.8	5.2	0.0	0.0	3.1	26.3	7.9	0.7	0.0	17.7
31	0.0	0.0	0.0	0.0	0.0	0.0	10.6	0.2	0.0	11.7	24.2	0.8
Total	69.3	13.6	225.7	234.9	187.9	4.2	83.5	109.8	202.1	205.6	277.4	72.8
D.I.T.	7	5	12	17	19	4	16	12	17	23	16	10
TOTALES ANUALES							1686.8	158				

DIAS	B 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	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	6.1	7.5	4.9	3.5	0.0	0.8	5.8	1.7	5.9	6.6	6.8	7.8
2	9.1	9.1	1.5	0.0	2.4	5.4	8.2	0.0	8.6	1.8	8.4	1.8
3	9.4	0.9	6.6	0.0	7.2	3.2	4.1	5.8	2.0	6.8	3.5	1.9
4	6.5	7.2	7.0	7.4	4.0	4.2	5.8	5.2	2.6	5.7	1.9	7.1
5	6.2	6.1	7.2	2.2	4.5	0.5	5.4	7.8	0.4	4.1	7.4	4.5
6	5.5	7.5	8.5	8.4	1.2	6.4	6.7	0.3	7.1	4.9	2.4	4.9
7	0.2	6.8	3.8	4.7	4.0	2.6	7.2	6.0	3.7	3.5	1.8	2.3
8	6.1	6.8	4.9	0.8	7.1	3.8	6.5	3.7	2.8	2.9	7.7	8.2
9	5.5	3.1	0.8	7.6	3.9	9.3	5.0	8.2	4.5	0.7	8.7	4.9
10	6.9	7.1	10.3	3.2	7.3	8.1	6.0	3.7	4.9	4.2	8.1	3.5
11	0.7	5.5	6.5	6.0	9.2	0.0	4.7	4.6	6.7	2.0	4.9	6.2
12	8.6	2.6	8.5	9.7	7.8	9.0	6.8	3.1	8.4	3.3	5.6	4.6
13	8.1	4.7	3.2	4.1	4.6	0.8	7.3	8.2	5.8	5.1	3.2	3.7
14	9.2	0.0	8.6	6.5	6.6	1.7	3.9	10.3	4.5	2.6	3.3	5.3
15	9.7	6.1	5.4	8.0	5.3	3.4	4.8	9.9	7.6	3.4	3.3	8.8
16	7.8	5.0	2.2	8.3	1.2	7.4	5.7	6.2	8.9	3.6	6.6	7.9
17	9.7	3.3	3.8	8.0	3.6	7.4	1.4	2.9	8.6	0.0	4.4	9.2
18	7.6	5.7	6.8	7.5	10.2	5.7	4.2	3.1	7.1	0.4	4.1	9.7
19	0.0	3.9	2.7	3.6	8.0	7.3	8.4	9.6	8.5	4.6	1.4	6.7
20	4.9	7.3	9.5	4.5	4.2	1.5	6.9	7.2	2.2	0.7	5.1	7.2
21	1.3	8.4	2.1	1.1	3.5	8.1	8.1	8.9	2.4	2.3	1.2	9.5
22	4.0	9.4	4.8	3.5	1.8	8.4	3.8	5.2	3.0	2.4	9.9	9.8
23	5.4	9.3	0.0	0.1	3.7	1.5	5.7	9.9	1.3	1.7	7.5	9.6
24	9.2	4.8	6.7	0.8	4.4	1.9	0.9	5.8	4.2	2.0	0.0	8.8
25	7.5	5.5	8.1	0.8	7.4	6.2	5.2	7.2	0.2	1.2	4.8	6.8
26	7.8	9.2	4.7	2.2	3.0	5.6	0.2	7.4	1.3	1.6	4.5	7.9
27	7.9	8.8	4.5	6.1	7.0	10.1	2.4	4.3	7.6	0.6	9.2	4.5
28	8.7	6.3	4.4	3.5	8.9	9.6	5.3	6.5	4.8	0.0	6.6	3.1
29	9.3	0.0	6.3	1.6	9.3	5.3	3.6	7.4	4.8	0.8	8.5	8.5
30	6.9	0.0	3.1	2.4	8.4	6.9	3.7	4.4	2.4	1.6	6.6	3.1
31	3.1	0.0	3.5	0.0	8.0	0.0	2.7	4.2	0.0	5.5	0.0	6.0
Total	198.9	167.9	153.9	126.1	167.7	152.1	156.4	178.7	142.6	84.9	152.6	200.5
TOTAL ANUAL - 1882.3												

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

ESTACION: SANTA ANA MUNICIPIO: PALESTINA AÑO: 1.987
 ALTITUD: 1.250 LATITUD: 5-01 N. LONGITUD: 75-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	0.0	0.0	2.7	0.0	8.8	0.0	0.0	0.3	12.1	0.0	0.0	31.7		
2	0.0	0.0	0.3	0.0	28.9	0.0	0.0	19.7	0.5	25.3	13.1	0.5		
3	0.0	0.0	0.0	0.0	8.5	0.0	23.8	0.0	26.0	11.5	0.0	7.3		
4	0.0	0.0	0.8	0.0	11.1	13.2	16.7	9.5	10.0	2.3	0.0	1.5		
5	0.0	0.5	41.7	0.0	1.7	1.5	3.6	3.2	12.0	6.3	0.0	1.2		
6	0.8	0.0	2.4	0.0	0.3	0.0	1.3	10.9	2.7	3.0	1.1	6.0		
7	2.4	1.0	5.9	0.0	0.6	0.0	0.6	70.6	0.0	21.8	0.0	3.4		
8	1.0	0.0	0.7	15.2	0.0	0.8	0.0	0.0	0.1	0.0	0.0	0.0		
9	1.7	0.0	8.0	0.1	2.2	2.5	52.5	3.3	2.1	0.0	0.0	0.0		
10	0.1	2.4	3.7	14.6	0.0	4.5	2.1	0.3	0.0	56.6	0.0	0.0		
11	1.9	0.0	4.8	0.0	0.0	0.4	0.0	3.3	0.0	0.0	0.0	0.0		
12	0.0	19.2	20.8	3.7	0.1	0.0	0.8	0.1	0.0	17.1	27.0	0.0		
13	0.0	0.0	1.9	0.0	10.6	4.6	1.5	0.0	65.2	4.4	2.8	0.0		
14	0.0	0.0	0.0	0.0	15.0	1.8	1.5	0.5	7.4	1.9	26.3	0.0		
15	0.0	0.0	15.6	0.0	41.1	1.8	0.0	0.0	0.0	9.1	0.6	0.0		
16	0.0	0.0	0.0	0.0	23.2	0.0	2.6	0.0	1.3	8.1	0.0	0.0		
17	0.0	0.5	0.0	42.2	0.7	0.0	8.8	0.0	0.3	4.8	0.2	0.0		
18	8.9	1.1	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	58.4	0.0		
19	3.9	0.0	0.0	0.0	0.3	0.0	0.0	0.0	2.3	0.0	9.6	0.0		
20	0.0	0.2	0.0	3.7	13.8	0.0	2.0	0.0	15.9	46.2	15.4	0.0		
21	9.7	0.0	0.0	0.0	38.1	0.0	8.2	18.0	0.4	0.3	0.3	0.0		
22	2.0	0.0	0.0	0.3	43.4	0.0	0.0	1.8	3.4	23.3	0.0	0.0		
23	0.0	0.0	0.0	0.0	34.4	24.7	9.6	0.0	2.0	0.7	0.4	0.0		
24	0.0	0.0	0.0	43.4	0.0	0.0	35.1	0.0	8.6	0.0	32.7	0.0		
25	0.0	0.0	0.0	7.0	0.0	0.0	0.1	0.0	1.0	8.6	0.0	0.0		
26	3.1	0.0	0.0	0.8	25.9	0.0	0.0	0.0	0.0	8.2	0.1	0.0		
27	2.6	0.0	0.1	36.7	0.0	0.0	31.9	45.2	0.0	31.5	0.0	0.0		
28	0.0	8.6	0.0	0.4	0.0	0.0	0.2	0.0	13.2	25.8	0.0	0.0		
29	0.0	0.0	0.0	1.8	0.0	0.0	42.9	11.8	35.9	16.1	22.8	0.0		
30	0.0	0.0	0.0	24.2	0.0	8.6	9.6	0.2	8.4	7.0	30.6	0.0		
31	0.0	0.0	0.0	0.0	3.6	0.0	63.0	0.3	0.0	8.9	0.0	0.0		
Total D. LL.	38.1	33.5	109.4	194.1	312.3	64.4	318.9	199.0	230.8	348.8	241.4	51.6		
	12	8	14	14	21	11	23	17	22	24	16	7		
TOTALES ANUALES											2 142.3 mm.		189	Dias lluvia

ESTACION: LLANADAS MUNICIPIO: MANZANARES AÑO: 1.987
 ALTITUD: 1.420 LATITUD: 5-13 N. LONGITUD: 75-08 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	0.5	0.0	0.0	31.3	16.1	0.0	0.0	5.8	0.0	5.1	2.1	7.2		
2	5.1	0.0	0.0	12.6	2.4	0.0	0.0	6.6	18.5	1.6	4.0	0.0		
3	0.0	1.9	9.8	22.2	6.3	0.0	2.8	17.0	19.8	10.4	5.6	1.0		
4	9.9	0.7	0.0	3.0	0.1	2.7	2.6	7.8	8.7	3.9	0.4	0.5		
5	0.5	4.0	2.1	2.2	0.0	7.6	0.0	0.2	1.4	0.1	0.0	9.7		
6	8.0	0.0	0.2	0.0	19.1	4.5	0.0	1.8	2.3	1.6	0.0	9.5		
7	10.1	0.0	0.0	0.0	2.4	0.0	0.0	11.0	4.2	12.1	0.0	18.9		
8	1.9	0.0	0.0	0.0	16.2	10.5	0.9	5.0	0.0	16.3	0.0	0.0		
9	0.0	21.0	6.3	0.0	12.7	0.0	7.2	0.1	0.0	3.6	0.0	2.5		
10	0.0	22.0	0.0	0.2	0.0	0.0	0.0	9.6	0.0	1.7	0.0	4.9		
11	0.0	1.0	0.2	0.0	0.0	0.0	0.0	14.2	0.0	0.0	0.0	0.0		
12	0.0	7.0	15.5	0.0	0.0	0.1	0.0	0.1	0.0	0.2	0.9	0.0		
13	0.0	24.0	0.6	0.0	0.6	0.1	0.0	1.1	21.5	10.8	38.0	0.2		
14	0.0	2.0	0.8	0.0	0.0	4.2	0.3	0.0	43.1	0.2	26.1	0.0		
15	0.0	10.9	28.2	0.5	18.7	0.0	0.0	0.0	0.0	7.3	0.0	0.0		
16	0.0	0.0	1.6	0.0	39.6	0.0	0.3	0.0	22.8	16.1	0.0	0.0		
17	0.0	0.0	3.3	0.0	0.0	0.0	70.9	15.9	0.0	6.2	3.9	0.0		
18	0.0	0.4	0.0	0.0	0.0	0.0	33.7	0.0	0.0	0.9	12.1	0.0		
19	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.5	9.4	13.1	0.2		
20	3.7	0.0	0.0	0.0	3.5	0.0	0.0	0.0	37.0	3.3	7.5	0.0		
21	3.6	0.0	9.2	0.0	0.1	0.0	3.6	0.0	0.0	9.6	15.4	0.1		
22	22.0	2.5	0.0	9.6	56.4	15.0	28.0	0.0	6.0	0.0	5.0	0.0		
23	0.6	0.0	0.0	0.2	21.8	4.3	66.1	0.0	10.0	2.8	0.0	0.0		
24	0.0	0.0	0.0	3.6	20.9	0.0	9.9	0.0	7.0	24.5	1.3	0.0		
25	0.0	0.0	33.1	5.5	0.0	0.0	3.2	0.4	0.0	42.0	0.9	0.0		
26	11.8	0.0	0.5	2.7	163.7	0.0	7.4	0.0	0.0	45.1	0.9	1.5		
27	7.3	0.0	12.6	0.0	13.5	0.0	12.0	0.0	0.0	73.3	0.0	0.0		
28	0.0	0.0	0.1	5.1	0.0	0.0	14.4	0.0	3.5	47.5	0.0	9.5		
29	0.0	0.0	1.0	0.0	0.0	0.0	25.0	0.0	6.5	5.4	21.0	9.4		
30	25.0	0.0	38.9	38.8	0.0	0.2	12.0	5.0	12.4	32.9	5.7	9.6		
31	2.4	0.0	15.9	0.0	1.3	0.0	79.8	0.1	0.0	17.7	0.0	3.4		
Total D. LL.	115.4	97.4	179.9	177.5	415.4	49.2	400.1	101.7	278.2	411.6	163.9	88.1		
	16	12	19	15	19	10	19	17	17	29	18	16		
TOTALES ANUALES											2 478.4 mm.		207	Dias lluvia

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

ESTACION: EL BREMEN

MUNICIPIO: CIRCASIA

AÑO

1.987

ALTITUD: 2.040

LATITUD: 4-40 N.

LONGITUD: 75-37 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	2.5	0.0	0.3	45.2	0.6	0.5	0.0	4.1	0.0	3.6	0.0	25.9		
2	0.0	0.2	0.0	5.6	3.8	0.0	0.0	9.1	2.2	10.1	30.4	23.6		
3	0.7	0.0	0.0	4.8	18.1	0.0	0.7	0.0	16.3	29.1	1.5	6.4		
4	1.0	0.0	2.4	0.0	12.1	0.7	8.4	4.7	14.8	12.7	7.5	39.9		
5	0.4	0.6	22.9	0.9	2.4	2.0	0.1	1.9	16.4	0.7	0.0	39.8		
6	2.0	6.8	2.8	1.5	3.1	0.8	0.0	0.2	0.9	0.0	2.9	0.1		
7	6.6	0.5	3.0	0.0	10.7	0.4	0.4	0.0	0.0	0.3	0.1	9.8		
8	0.1	0.0	14.6	21.2	0.0	0.0	0.0	0.6	0.2	40.0	0.0	0.1		
9	20.9	0.0	5.9	0.0	4.5	0.6	0.7	4.1	1.5	1.2	0.3	0.0		
10	18.8	12.3	0.0	23.4	0.2	0.0	0.0	14.5	6.0	6.1	4.2	1.5		
11	0.0	3.6	7.5	0.0	0.0	10.0	0.0	21.4	0.0	4.4	2.5	8.4		
12	0.0	27.4	2.9	0.0	0.0	0.8	0.0	3.0	0.0	1.2	0.0	0.5		
13	0.0	0.0	23.6	0.9	6.0	0.0	0.0	0.0	63.2	0.7	1.5	15.0		
14	0.0	33.2	11.6	3.1	1.8	0.3	0.0	0.0	4.2	8.5	18.8	3.4		
15	0.2	0.0	0.0	0.0	27.3	0.3	0.0	0.0	0.0	10.0	6.3	0.0		
16	0.0	0.4	16.8	1.7	25.0	0.0	13.4	0.0	0.7	40.0	0.3	0.0		
17	0.0	0.6	0.6	4.0	0.0	0.0	23.7	11.9	0.0	9.8	2.0	0.8		
18	0.0	0.1	0.1	0.0	0.0	0.0	2.4	0.0	5.2	1.6	62.6	0.0		
19	1.0	5.1	0.0	0.0	8.4	0.4	0.2	0.0	10.7	2.3	20.0	0.0		
20	5.2	1.1	0.0	0.0	36.3	0.0	0.0	0.0	9.5	0.0	53.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.9	0.0	5.8	0.0		
22	2.2	0.0	5.7	2.1	71.9	0.0	1.9	0.0	0.3	1.0	0.0	0.0		
23	8.5	0.0	0.0	1.8	39.1	5.7	5.0	0.0	3.1	1.6	0.2	0.0		
24	0.4	0.0	0.5	1.4	10.2	0.3	12.4	0.0	0.7	20.0	19.2	0.0		
25	0.0	0.0	0.5	6.7	0.0	0.0	9.4	0.0	1.3	0.0	4.0	0.2		
26	7.7	0.0	4.8	23.1	10.7	0.0	2.9	0.0	0.6	34.9	9.6	0.0		
27	4.1	0.0	32.7	16.1	5.6	0.8	14.8	0.0	0.2	65.0	0.7	0.0		
28	0.0	0.0	7.3	16.1	0.0	0.0	7.3	0.0	5.8	31.8	0.0	2.3		
29	0.0	0.0	0.0	15.7	0.0	0.0	37.7	2.1	34.5	32.0	27.6	6.4		
30	0.0	0.0	16.6	7.0	0.0	3.0	2.0	0.3	5.6	12.1	53.8	0.0		
31	0.5	0.0	8.9	0.0	0.0	0.0	21.4	0.0	0.0	37.6	0.0	0.0		
Total	82.8	91.9	192.0	202.3	297.8	23.6	165.3	77.3	198.8	418.3	374.8	183.3		
D. L.I.	18	13	22	20	20	11	20	12	23	27	24	16		
TOTALES ANUALES											2308.2	mm.	226	Días lluvia

ESTACION: PLANTA DE TRATAMIENTO

MUNICIPIO: PEREIRA

AÑO

1.987

ALTITUD: 1.450

LATITUD: 4-48 N.

LONGITUD: 75-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	0.3	0.0	0.0	7.0	0.5	0.3	0.0	0.6	0.0	0.0	0.1	7.1		
2	0.0	0.5	0.1	3.0	35.6	4.0	0.0	9.7	0.0	0.0	40.1	16.5		
3	0.0	0.2	0.0	2.9	12.1	0.0	2.4	0.0	1.0	7.3	0.1	1.8		
4	0.1	0.0	3.7	0.0	2.7	0.6	13.5	4.8	9.4	0.7	0.0	27.7		
5	0.0	0.2	57.9	5.9	8.3	7.2	0.0	5.4	11.5	8.3	0.5	13.7		
6	5.6	0.5	4.8	23.4	12.0	5.9	0.0	0.0	0.5	2.4	0.6	0.0		
7	21.6	7.5	12.0	5.7	1.3	23.1	0.0	0.6	0.0	11.5	0.2	18.7		
8	0.2	5.0	2.5	18.7	2.9	0.0	17.9	0.0	15.2	29.3	0.0	0.2		
9	3.0	0.0	3.0	0.0	3.2	2.8	3.0	21.2	4.9	30.6	0.0	4.8		
10	0.0	0.8	0.9	0.0	3.6	0.0	0.0	30.3	10.1	7.8	1.9	9.0		
11	0.0	0.0	3.3	0.5	0.0	0.0	0.0	0.5	2.1	3.0	0.0	0.0		
12	0.0	2.1	7.1	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.2		
13	0.0	0.0	19.2	1.8	24.7	3.5	0.1	5.5	0.0	0.0	0.0	0.2		
14	0.0	8.2	0.2	0.0	2.0	0.0	3.7	0.0	33.7	36.8	0.0	3.7		
15	0.0	0.0	1.4	0.0	38.7	10.4	1.9	0.0	1.9	8.0	13.8	0.0		
16	0.0	12.0	4.2	0.0	26.8	0.0	2.9	0.0	0.0	3.4	4.4	1.1		
17	1.4	0.0	1.5	0.0	0.6	0.0	0.3	0.0	1.1	92.2	0.0	0.1		
18	28.8	0.0	0.0	0.0	0.0	0.4	84.4	0.0	1.0	10.5	0.0	0.0		
19	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	4.4	0.0		
20	18.1	0.0	0.0	0.0	8.9	0.0	0.0	0.0	15.6	0.0	56.9	0.0		
21	0.0	0.0	0.0	0.0	8.2	0.0	0.0	0.0	0.0	36.2	54.4	0.0		
22	18.3	0.0	0.0	0.0	37.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0		
23	0.2	0.0	3.9	0.0	100.5	0.0	5.7	0.0	0.0	7.3	0.0	0.1		
24	0.0	0.0	0.3	0.9	90.7	9.7	11.3	0.0	0.0	11.4	0.0	0.0		
25	0.0	0.0	11.5	0.0	0.0	0.3	1.3	0.0	0.0	8.1	28.1	0.0		
26	0.2	0.0	7.7	0.0	0.0	11.3	2.6	0.0	50.0	22.8	0.9	0.0		
27	0.2	0.0	1.2	0.0	41.9	0.0	6.6	0.0	0.0	16.3	0.0	0.0		
28	0.0	0.0	25.4	12.3	2.1	0.0	16.7	0.0	0.0	24.0	4.1	0.0		
29	0.0	0.0	0.0	12.0	0.3	0.0	15.7	0.0	9.8	19.0	0.0	0.2		
30	0.0	0.0	10.4	22.4	1.1	38.5	19.5	0.0	54.3	2.8	1.7	13.5		
31	0.2	0.0	2.9	32.8	0.0	55.3	0.0	0.0	1.5	9.8	72.9	0.0		
Total	100.1	37.0	172.8	269.0	497.8	173.4	219.3	78.6	223.6	441.0	285.1	126.9		
D. L.I.	15	10	23	17	26	16	19	9	17	28	17	17		
TOTALES ANUALES											2624.6	mm.	214	Días lluvia

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

ESTACION: SANTIAGO GUTIERREZ

MUNICIPIO: ARGELIA

AÑO: 1.987

ALTITUD: 1.550

LATITUD: 4-43 N.

LONGITUD: 76-10 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.4	0.0	0.0	9.3	0.0	0.0	0.0	16.7	5.7	0.0	0.0	10.5
2	0.0	0.0	0.0	1.4	16.4	0.0	0.0	9.4	0.2	0.0	1.3	3.5
3	0.4	0.0	0.0	2.6	21.5	0.0	18.7	0.0	5.1	7.8	0.7	11.0
4	0.0	0.0	35.6	21.6	7.3	17.2	12.0	0.3	16.5	9.9	10.4	4.4
5	0.0	0.0	3.5	4.8	27.5	27.8	0.0	0.0	0.1	1.2	0.0	16.9
6	1.8	0.0	0.0	0.5	10.2	0.1	0.0	0.0	0.1	14.9	9.7	6.2
7	0.0	17.2	4.7	0.0	0.0	3.4	0.0	0.0	1.6	21.7	0.0	0.0
8	0.0	0.0	5.0	6.5	0.0	0.0	0.0	26.6	0.0	10.0	0.0	8.9
9	0.0	0.0	0.6	0.1	0.0	0.0	0.0	2.1	3.2	8.9	0.0	0.0
10	0.0	4.3	4.3	12.0	0.3	0.0	30.9	16.1	0.0	10.2	0.0	0.7
11	0.0	17.3	0.3	0.0	0.0	7.3	0.0	19.6	0.0	0.7	0.0	0.0
12	0.0	10.5	4.9	0.0	0.0	1.0	0.0	0.7	1.6	11.7	0.8	0.0
13	0.0	23.4	17.9	0.0	0.4	0.2	15.4	0.0	12.7	12.0	0.1	0.4
14	0.6	5.5	5.0	0.0	5.4	0.0	1.3	0.0	0.2	4.4	4.4	0.0
15	0.0	0.0	0.4	0.0	1.6	0.0	5.2	0.0	0.0	0.5	0.2	0.0
16	0.2	1.1	4.6	0.0	4.4	0.0	0.0	0.0	0.0	21.2	0.0	0.0
17	0.0	7.3	15.6	0.0	0.0	0.0	7.6	0.0	0.0	0.7	0.0	0.0
18	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0
19	4.7	0.3	0.0	0.0	0.0	16.1	0.0	0.0	1.7	0.3	2.0	0.0
20	5.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	10.4	8.7	16.0	0.0
21	0.0	0.0	0.4	0.0	0.0	0.0	5.5	1.9	2.2	3.7	0.2	0.0
22	3.4	0.0	0.3	0.0	3.1	0.0	0.0	0.0	4.8	0.0	0.0	0.0
23	19.6	0.0	0.0	1.9	0.4	6.4	13.1	0.0	11.5	3.9	0.0	1.1
24	0.0	0.0	0.0	8.2	0.0	0.0	9.2	0.0	4.3	16.0	2.4	0.0
25	0.0	0.0	6.4	0.1	0.0	0.0	24.2	1.3	10.1	2.3	0.0	0.0
26	0.0	0.0	11.9	4.1	7.0	0.0	0.0	0.0	0.0	0.8	6.0	0.0
27	8.4	1.1	0.0	28.4	0.0	0.0	21.9	7.5	0.0	3.5	0.0	0.0
28	0.0	0.0	0.0	25.4	0.0	0.0	0.0	0.0	0.8	5.4	0.0	30.3
29	0.0	0.0	0.0	7.8	0.0	0.0	7.6	2.1	27.5	32.8	0.0	0.1
30	0.0	0.0	5.1	0.0	0.0	0.0	8.9	2.9	2.1	2.6	8.7	0.2
31	0.6	0.0	2.2	0.0	0.0	0.0	37.4	1.8	0.0	0.5	0.0	0.0
Total D. Ll.	45.4 12	88.0 10	128.7 19	134.7 16	110.3 14	79.5 9	218.9 15	109.0 14	122.3 20	216.3 27	66.0 15	94.2 13
TOTALES ANUALES	1413.3 mm.										184	Días lluvia

ESTACION: EL RECREO
ALTITUD: 1.410

MUNICIPIO: ULLOA
LATITUD: 4-42 N.

AÑO: 1.987
LONGITUD: 75-44W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	1.2	14.0	0.0	0.0	0.0	0.0	10.8	4.0	0.0	53.5
2	0.0	0.0	0.0	10.9	19.4	0.0	0.0	5.9	1.1	3.3	14.4	9.8
3	0.9	0.0	0.0	3.9	20.0	0.0	35.3	0.0	8.4	1.1	0.0	0.4
4	1.5	0.0	6.2	3.1	47.0	1.1	4.6	0.0	14.6	2.2	2.2	54.9
5	0.0	0.0	44.4	6.8	2.0	41.5	0.0	0.0	2.8	9.8	0.0	0.2
6	4.0	0.0	3.1	1.3	1.2	1.5	0.0	0.0	3.5	3.7	16.4	9.6
7	14.7	12.1	7.4	0.2	0.1	7.3	0.0	0.9	0.0	9.9	2.8	2.5
8	0.0	5.6	0.0	33.4	0.0	2.9	2.2	8.9	0.0	13.4	0.0	0.3
9	0.0	0.0	1.0	1.4	2.8	0.0	0.5	6.5	1.9	3.7	0.0	0.0
10	0.0	0.0	12.0	0.0	0.0	0.0	0.0	1.7	2.1	0.9	0.0	0.4
11	0.0	0.0	0.0	0.0	0.0	3.0	0.0	1.7	0.0	0.1	1.2	0.0
12	0.0	0.3	0.0	0.0	0.0	0.4	0.0	25.9	0.0	0.0	0.0	0.0
13	0.8	0.4	4.9	3.0	26.6	0.0	0.9	0.0	38.3	0.0	0.7	14.1
14	0.0	4.9	0.3	0.0	20.9	16.0	0.6	0.0	20.3	1.4	39.3	0.4
15	0.0	0.0	0.2	0.0	19.2	0.0	0.0	0.0	1.6	19.7	0.0	0.3
16	0.0	1.1	24.7	0.0	13.8	0.0	0.9	0.0	1.4	33.0	0.0	0.0
17	12.2	0.7	0.5	0.5	0.0	0.0	50.3	8.4	5.9	10.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	3.3	1.3	0.0	0.0	5.1	27.1	0.0
19	0.6	3.6	0.0	0.0	7.3	0.0	0.0	0.0	21.8	0.0	54.7	0.0
20	17.7	0.0	0.0	0.0	7.0	0.0	0.0	0.6	17.9	2.6	78.0	0.0
21	0.0	0.9	0.1	0.1	12.3	0.0	2.9	0.0	2.2	0.0	0.0	0.0
22	22.9	0.0	0.0	0.0	25.7	1.0	2.7	1.2	0.3	3.2	0.0	6.1
23	2.6	0.0	0.2	0.0	17.6	2.8	3.7	0.0	0.1	0.7	0.0	0.0
24	0.0	0.0	1.7	7.9	0.0	0.9	4.6	0.0	5.0	7.2	11.4	0.0
25	0.0	0.0	5.2	2.7	0.0	0.0	0.0	0.0	1.1	0.8	0.2	0.0
26	0.2	0.0	0.0	2.8	22.1	0.6	8.6	0.0	0.0	1.7	0.7	0.0
27	1.3	0.0	7.8	29.1	5.8	0.0	0.5	17.3	0.0	11.7	0.0	0.0
28	0.0	0.0	0.0	10.2	8.4	0.0	5.7	0.8	1.0	2.6	0.0	24.8
29	0.0	0.0	0.7	6.0	0.0	0.0	0.0	0.5	84.1	7.4	0.3	12.5
30	0.6	0.0	2.0	24.7	0.0	0.0	3.6	1.8	3.2	7.3	38.8	12.5
31	0.3	0.0	0.1	0.0	0.0	0.0	36.0	4.8	0.0	2.4	0.0	0.0
Total D. Ll.	80.3 14	29.6 9	123.7 20	162.0 19	279.2 19	81.7 12	164.9 18	86.9 15	249.4 23	168.9 27	288.2 15	189.8 15
TOTALES ANUALES	1504.6 mm.										206	Días lluvia

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

ESTACION: LA SELVA
ALTITUD: 1.800

MUNICIPIO: GINEBRA
LATITUD: 3-40 N.

AÑO: 1.987
LONGITUD: 76-18 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	4.5	0.0	0.0	17.6	0.6	1.5	0.0	19.0	0.0	8.3	0.0	0.2
2	0.0	0.9	0.2	21.1	7.5	0.0	0.0	2.2	0.7	20.8	0.0	35.7
3	0.0	0.0	8.4	0.8	62.0	0.0	1.6	2.6	0.5	15.1	1.8	1.0
4	0.0	0.0	8.5	10.4	4.8	1.9	0.3	0.0	2.0	0.0	0.3	2.8
5	0.0	0.0	42.1	5.1	16.3	38.1	0.0	5.7	4.8	14.0	0.0	0.9
6	0.0	0.0	0.0	0.0	17.9	0.0	0.0	0.0	0.9	0.5	0.0	2.0
7	4.3	13.3	24.6	0.0	0.6	0.5	0.0	0.0	1.5	0.6	1.9	0.0
8	6.6	0.0	9.3	3.3	0.0	0.0	0.0	0.7	2.7	39.7	0.0	3.9
9	1.4	0.0	0.5	0.0	0.0	0.0	0.0	1.2	0.0	2.4	0.0	0.0
10	0.0	0.0	0.2	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	3.8	0.0	0.0	0.0	0.1	0.0	0.0	0.0	3.8	0.2
12	0.0	3.5	2.0	0.0	0.6	0.0	0.0	0.0	0.0	28.4	3.4	0.0
13	0.0	17.2	21.2	0.0	0.0	0.0	0.0	0.0	0.0	21.5	0.0	0.0
14	0.0	2.2	0.7	0.0	0.0	0.9	0.0	0.0	53.8	0.3	6.8	0.0
15	0.0	0.0	0.0	0.2	28.9	0.0	0.0	0.0	22.2	15.6	1.0	2.0
16	0.0	0.0	0.3	0.1	51.5	0.0	0.0	0.0	0.0	19.7	7.8	0.0
17	0.0	0.3	23.4	0.0	0.0	0.0	5.3	0.0	0.0	0.0	15.9	0.0
18	0.0	10.5	0.0	0.0	0.2	0.8	0.0	0.0	0.0	0.0	13.0	0.0
19	0.0	0.5	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	22.1	0.0	0.4	0.0	2.4	20.7	0.3	0.0
21	6.4	0.0	0.0	0.0	19.2	0.0	0.0	2.5	2.8	13.7	16.7	0.0
22	22.8	0.0	0.2	0.0	11.4	0.0	0.0	0.0	0.0	4.6	2.6	0.0
23	1.1	0.0	0.0	0.1	36.5	0.0	0.0	0.0	0.1	0.0	0.0	0.0
24	0.0	0.0	0.0	21.8	0.1	1.3	0.0	0.0	3.7	1.6	0.0	0.0
25	0.0	0.0	0.0	2.2	0.0	1.7	8.3	0.0	3.8	35.4	0.0	0.0
26	0.0	0.0	1.0	4.6	2.7	0.0	0.0	0.0	0.3	2.3	0.0	0.0
27	0.3	0.0	5.2	5.2	2.0	0.0	0.9	0.0	0.0	16.8	1.0	0.0
28	0.0	0.0	2.0	13.6	0.0	0.0	6.2	0.0	0.1	17.0	0.0	0.0
29	0.0	0.0	0.0	33.3	0.0	0.0	0.1	0.0	16.8	2.4	0.0	4.4
30	0.0	0.0	16.6	8.3	0.0	0.0	20.9	0.0	9.3	0.9	18.0	0.0
31	1.4	0.0	2.5	0.0	0.0	0.0	2.7	0.4	0.0	0.0	16.0	0.0
							32.4	0.1	0.0	1.8	0.0	0.0
Total	48.8	48.4	172.7	147.7	282.9	46.7	79.2	35.2	128.4	304.1	110.3	53.1
D. LL.	9	8	20	16	17	8	12	10	18	24	16	10
TOTALES ANUALES							1457.5 mm.			168		Días lluvia

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

ESTACION: BARILOCHE

MUNICIPIO: FREDONIA

AÑO: 1-987

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	35.0	2.0	0.0	0.0	9.0	0.0	2.0	2.0	0.0	
2	2.0	0.0	24.0	1.0	14.0	0.0	0.0	59.0	12.0	7.0	8.0	8.0	
3	0.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	10.0	46.0	20.0	14.0	
4	0.0	0.0	0.0	0.0	2.0	4.0	9.0	25.0	0.0	0.0	4.0	0.0	
5	0.0	0.0	6.0	0.0	8.0	10.0	9.0	19.0	59.0	16.0	0.0	0.0	
6	8.0	0.0	8.0	0.0	25.0	0.0	0.0	3.0	40.0	11.0	16.0	10.0	
7	15.0	0.0	0.0	1.0	0.0	0.0	1.0	4.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	2.0	10.0	2.0	0.0	0.0	0.0	0.0	33.0	0.0	0.0	
9	0.0	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	9.0	29.0	0.0	2.0	0.0	0.0	0.0	41.0	
11	0.0	20.0	0.0	0.0	0.0	37.0	0.0	24.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	1.0	4.5	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	2.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	4.0	23.0	0.0	0.0	25.0	0.0	9.0	0.0	
15	0.0	0.0	2.0	0.0	102.0	0.0	0.0	0.0	0.0	38.0	15.0	0.0	
16	0.0	4.0	0.0	0.0	17.0	0.0	9.0	0.0	0.0	4.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	22.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	5.0	0.0	0.0	0.0	2.0	1.0	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	21.0	0.0	0.0	0.0	
20	5.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	37.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	11.0	0.0	10.0	0.0	18.0	0.0	21.0	0.0	
22	5.0	0.0	0.0	0.0	21.0	0.0	1.0	0.0	20.0	0.0	12.0	0.0	
23	0.0	0.0	0.0	3.0	28.0	1.0	42.0	0.0	3.0	0.0	14.0	0.0	
24	0.0	0.0	0.0	64.0	0.0	0.0	63.0	0.0	25.0	10.0	0.0	0.0	
25	0.0	0.0	0.0	16.0	0.0	0.0	5.0	0.0	0.0	0.0	60.0	0.0	
26	0.0	0.0	6.0	0.0	107.0	0.0	2.0	0.0	0.0	25.0	0.0	2.0	
27	1.0	0.0	2.0	0.0	0.0	2.0	38.0	27.0	0.0	0.0	0.0	0.0	
28	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	73.0	0.0	7.0	
29	0.0	0.0	0.0	45.0	0.0	0.0	12.0	0.0	7.0	21.0	9.0	0.0	
30	2.0	0.0	56.0	18.0	0.0	0.0	11.0	27.0	2.0	0.0	11.0	0.0	
31	0.0	0.0	47.0	0.0	20.0	0.0	58.0	0.0	0.0	0.0	0.0	0.0	
Total D. Ll.	41.0 8	29.0 3	156.0 10	196.0 10	424.0 18	109.0 9	251.5 18	199.0 10	286.0 15	325.0 13	296.0 14	82.0 6	
TOTALES ANUALES							2434.5 mm.				134		Días lluvia

ESTACION: SANTA TERESA

MUNICIPIO: TAMESIS

AÑO: 1-987

ALTITUD: 1.350

LATITUD: 5-40 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	51.0	6.0	0.0	0.0		3.0	18.0	0.0	28.0
2	0.0	0.0	0.0	16.0	16.0	0.0	0.0		31.0	43.0	20.0	7.0
3	0.0	0.0	0.0	2.0	34.0	0.0	8.0		24.0	0.0	4.0	21.0
4	28.0	0.0	0.0	0.0	34.0	4.0	0.0		75.0	2.0	6.0	33.0
5	0.0	0.0	0.0	10.0	17.0	10.0	0.0		3.0	26.0	0.0	26.0
6	0.0	0.0	0.0	0.0	39.0	0.0	0.0		27.0	11.0	0.0	32.0
7	45.0	1.0	2.0	0.0	2.0	0.0	0.0		0.0	2.0	0.0	0.0
8	0.0	0.0	0.0	0.0	15.0	0.0	10.0		0.0	71.0	0.0	0.0
9	0.0	0.0	4.0	0.0	6.0	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	2.0	7.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0
12	0.0	21.0	3.0	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		14.0	56.0	4.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0		4.0	0.0	8.0	0.0
15	0.0	31.0	10.0	0.0	61.0	0.0	0.0		0.0	1.0	10.0	0.0
16	0.0	0.0	0.0	0.0	92.0	0.0	26.0		16.0	12.0	0.0	0.0
17	0.0	0.0	0.0	20.0	3.0	0.0	53.0		5.0	0.0	0.0	0.0
18	1.0	0.0	0.0	0.0	0.0	0.0	6.0		0.0	4.0	18.0	0.0
19	5.0	0.0	0.0	0.0	50.0	0.0	1.0		50.0	3.0	55.0	0.0
20	0.0	0.0	0.0	0.0	7.0	0.0	8.0		22.0	72.0	0.0	0.0
21	0.0	0.0	0.0	0.0	25.0	0.0	12.0		0.0	0.0	1.0	0.0
22	0.0	0.0	0.0	0.0	11.0	0.0	0.0		2.0	0.0	0.0	0.0
23	0.0	0.0	4.0	42.0	3.0	0.0	2.0		0.0	0.0	7.0	0.0
24	0.0	0.0	0.0	51.0	15.0	0.0	29.0		13.0	3.0	38.0	0.0
25	4.0	0.0	0.0	2.0	46.0	8.0	3.0		2.0	22.0	14.0	0.0
26	0.0	0.0	0.0	19.0	0.0	20.0	9.0		0.0	31.0	0.0	0.0
27	0.0	0.0	0.0	2.0	3.0	0.0	94.0		0.0	50.0	7.0	4.0
28	0.0	0.0	0.0	29.0	0.0	0.0	8.0		31.0	44.0	0.0	3.0
29	0.0	0.0	0.0	6.0	0.0	0.0	21.0		19.0	38.0	0.0	11.0
30	0.0	0.0	14.0	61.0	0.0	0.0	71.0		4.0	0.0	5.0	0.0
31	0.0	0.0	9.0	0.0	0.0	0.0	0.0		0.0	2.0	0.0	0.0
Total D. Ll.	83.0 5	53.0 3	46.0 7	311.0 13	485.0 20	44.0 5	361.0 16		345.0 18	513.0 21	204.0 15	165.0 9
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 PALMA

MUNICIPIO: PALESTINA

AÑO: 1.987

ALTITUD: 1.200

LATITUD: 5-01 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	16.0	0.0	0.0
2					0.0	0.0	0.0	27.0	0.0	13.0	15.0	13.0
3					0.0	0.0	24.0	0.0	13.0	17.0	0.0	1.0
4					0.0	18.0	24.0	11.0	34.0	4.0	0.0	0.0
5					0.0	1.0	8.0	3.0	0.0	5.0	0.0	4.0
6					0.0	0.0	1.0	10.0	2.0	4.0	0.0	0.0
7					0.0	0.0	1.0	86.0	0.0	15.0	0.0	2.0
8					0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0
9					0.0	2.0	54.0	6.0	0.0	0.0	0.0	0.0
10					0.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0
11					0.0	0.0	0.0	4.0	0.0	73.0	0.0	0.0
12					0.0	0.0	1.0	0.0	0.0	0.0	40.0	0.0
13					0.0	9.0	0.0	0.0	0.0	18.0	1.0	0.0
14					0.0	4.0	4.0	0.0	108.0	4.0	26.0	0.0
15					0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
16					0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
17					0.0	0.0	0.0	0.0	2.0	10.0	0.0	0.0
18					0.0	0.0	8.0	0.0	0.0	5.0	60.0	0.0
19					0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0
20					0.0	0.0	0.0	0.0	1.0	28.0	20.0	0.0
21					0.0	0.0	1.0	0.0	20.0	0.0	0.0	0.0
22					0.0	0.0	6.0	0.0	0.0	35.0	0.0	0.0
23					0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
24					0.0	25.0	13.0	0.0	2.0	0.0	27.0	0.0
25					0.0	0.0	34.0	0.0	0.0	9.0	0.0	0.0
26					0.0	0.0	0.0	0.0	1.0	16.0	0.0	0.0
27					24.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
28					0.0	0.0	34.0	46.0	0.0	35.0	0.0	0.0
29					0.0	0.0	0.0	0.0	14.0	23.0	21.0	5.0
30					0.0	0.0	62.0	13.0	43.0	15.0	39.0	0.0
31					0.0	9.0	34.0	0.0	0.0	13.0	22.0	6.0
Total					3.0	0.0	63.0	24.0	0.0	11.0	0.0	0.0
D. LI.					27.0	72.0	374.0	230.0	244.0	394.0	282.0	37.0
TOTALES ANUALES												7

mm.

Días
lluvia

ESTACION: LA ALDEA

MUNICIPIO: DABEIBA

AÑO: 1.987

ALTITUD: 1.500

LATITUD: 7-02 N.

LONGITUD: 76-12 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	2.0	0.0	29.0							
2	2.0	0.0	13.0	5.0	12.0							
3	1.0	0.0	0.0	2.0	2.0							
4	0.0	0.0	1.0	2.0	17.0							
5	4.0	0.0	0.0	27.0	2.0							
6	0.0	0.0	0.0	0.0	21.0							
7	0.0	0.0	0.0	0.0	0.0							
8	0.0	0.0	0.0	2.0	7.0							
9	0.0	0.0	0.0	2.0	19.0							
10	0.0	0.0	0.0	0.0	0.0							
11	0.0	4.0	0.0	7.0	2.0							
12	0.0	0.0	0.0	0.0	13.0							
13	0.0	7.0	0.0	0.0	3.0							
14	0.0	0.0	0.0	2.0	8.0							
15	0.0	0.0	0.0	0.0	5.0							
16	0.0	18.0	1.0	0.0	61.0							
17	0.0	0.0	0.0	0.0	1.0							
18	5.0	0.0	0.0	0.0	0.0							
19	4.0	0.0	0.0	0.0	0.0							
20	4.0	0.0	0.0	14.0	6.0							
21	3.0	1.0	1.0	1.0	7.0							
22	0.0	0.0	0.0	0.0	29.0							
23	0.0	0.0	0.0	0.0	5.0							
24	0.0	0.0	0.0	39.0	0.0							
25	3.0	0.0	0.0	6.0	0.0							
26	5.0	0.0	0.0	0.0	19.0							
27	10.0	0.0	0.0	2.0	0.0							
28	2.0	0.0	0.0	10.0	4.0							
29	4.0	0.0	0.0	49.0	0.0							
30	1.0	0.0	0.0	47.0	0.0							
31	0.0	0.0	0.0	0.0	0.0							
Total	48.0	30.0	18.0	222.0	268.0							
D. LI.	13	4	5	17	21							
TOTALES ANUALES												263

mm.

Días
lluvia

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

ESTACION: GUAYMARAL

MUNICIPIO: AGUADAS

AÑO: 1-987

ALTITUD: 1.600

LATITUD: 5-38 N.

LONGITUD: 75-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	40.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	15.0	0.0	0.0	25.0	5.0	0.0	25.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	15.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	
5	0.0	0.0	16.0	0.0	10.0	0.0	0.0	20.0	0.0	5.0	0.0	60.0	
6	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0	30.0	
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	10.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	15.0	
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	20.0	0.0	5.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	20.0	0.0	
15	0.0	0.0	10.0	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	25.0	0.0	0.0	0.0	5.0	20.0	0.0	0.0	
17	0.0	0.0	0.0	15.0	10.0	0.0	17.0	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	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	5.0	9.0	0.0	
20	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	25.0	75.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	30.0	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	15.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	25.0	15.0	0.0	35.0	0.0	15.0	0.0	55.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	40.0	0.0	0.0	20.0	0.0	0.0	40.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	10.0	0.0	0.0	25.0	0.0	15.0	60.0	30.0	0.0	
30	0.0	0.0	55.0	0.0	0.0	0.0	15.0	10.0	0.0	0.0	0.0	5.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	20.0	5.0	0.0	20.0	0.0	0.0	
Total	0.0	0.0	81.0	130.0	185.0	10.0	167.0	75.0	195.0	275.0	154.0	130.0	
D. Ll.	0	0	3	5	10	1	9	6	12	11	7	6	
TOTALES ANUALES								1402.0 mm.		70			Dias lluvia

ESTACION: CUATRO ESQUINAS

MUNICIPIO: AGUADAS

AÑO: 1.987

ALTITUD: 1.900

LATITUD: 5-36 N.

LONGITUD: 75-30 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	10.0	
2	0.0	0.0	0.0	14.0	10.0	0.0	0.0	4.0	3.0	0.0	26.0	0.0	
3	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	11.0	22.0	3.0	15.0	
4	0.0	0.0	0.0	0.0	5.0	0.0	0.0	27.0	33.0	4.0	0.0	0.0	
5	0.0	0.0	5.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0	55.0	
6	5.0	0.0	0.0	0.0	12.0	0.0	0.0	2.0	22.0	0.0	0.0	10.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	2.0	0.0	0.0	5.0	0.0	22.0	0.0	0.0	
9	0.0	3.0	0.0	0.0	8.0	0.0	0.0	3.0	0.0	0.0	0.0	15.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	5.0	
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	3.0	0.0	0.0	5.0	0.0	3.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	13.0	10.0	25.0	0.0	
14	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	4.0	14.0	0.0	
15	0.0	0.0	7.0	0.0	12.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
16	0.0	5.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	
17	0.0	0.0	0.0	15.0	3.0	0.0	14.0	0.0	10.0	0.0	0.0	0.0	
18	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	
19	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	41.0	23.0	0.0	
21	0.0	0.0	0.0	0.0	2.0	0.0	16.0	0.0	2.0	0.0	0.0	0.0	
22	5.0	0.0	0.0	0.0	19.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	18.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	12.0	0.0	0.0	20.0	0.0	32.0	11.0	18.0	0.0	
25	0.0	0.0	0.0	9.0	0.0	0.0	10.0	0.0	0.0	4.0	0.0	0.0	
26	2.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	47.0	0.0	0.0	3.0	0.0	0.0	50.0	0.0	0.0	
28	0.0	0.0	0.0	11.0	0.0	0.0	19.0	0.0	0.0	5.0	0.0	10.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	20.0	80.0	0.0	0.0	
30	2.0	0.0	60.0	12.0	0.0	0.0	28.0	22.0	3.0	0.0	25.0	0.0	
31	0.0	0.0	3.0	0.0	0.0	0.0	20.0	5.0	0.0	25.0	0.0	0.0	
Total	19.0	38.0	78.0	127.0	175.0	7.0	183.0	110.0	210.0	300.0	155.0	120.0	
D. Ll.	5	3	5	8	14	2	11	8	13	17	9	7	
TOTALES ANUALES								1522.0 mm.		102			Dias lluvia

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

ESTACION: LA LINDA

MUNICIPIO: PACORA

AÑO:

1.987

ALTITUD: 1.850

LATITUD: 5-30 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	50.0	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			
3	0.0	0.0	20.0	4.0	7.0	0.0	0.0	35.0	0.0			
4	0.0	0.0	30.0	0.0	27.0	0.0	0.0	0.0	0.0			
5	0.0	0.0	0.0	0.0	2.0	5.0	12.0	24.0	0.0			
6	38.0	0.0	0.0	0.0	0.0	0.0	8.0	20.0	0.0			
7	43.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0			
8	0.0	0.0	0.0	2.0	0.0	2.0	0.0	0.0	30.0			
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
10	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0			
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
12	0.0	0.0	17.0	0.0	6.0	0.0	0.0	0.0	0.0			
13	0.0	15.0	0.0	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	5.0	0.0	60.0			
15	0.0	0.0	0.0	0.0	43.0	0.0	0.0	0.0	0.0			
16	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	10.0			
17	0.0	0.0	0.0	0.0	0.0	0.0	65.0	0.0	0.0			
18	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0			
19	10.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0			
20	15.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0			
21	4.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	25.0			
22	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0			
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
24	0.0	0.0	0.0	0.0	10.0	0.0	50.0	0.0	0.0			
25	0.0	0.0	0.0	27.0	30.0	0.0	0.0	0.0	12.0			
26	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0			
27	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0			
28	0.0	0.0	16.0	15.0	0.0	0.0	0.0	0.0	0.0			
29	0.0	0.0	0.0	50.0	0.0	0.0	40.0	15.0	0.0			
30	0.0	0.0	48.0	40.0	0.0	0.0	0.0	0.0	35.0			
31	0.0	0.0	7.0	0.0	0.0	0.0	30.0	0.0	0.0			
Total	110.0	15.0	138.0	248.0	225.0	7.0	290.0	94.0	172.0			
D. LL.	5	1	6	9	15	2	10	4	6			
TOTALES ANUALES											Dias lluvia	

mm.

Dias lluvia

ESTACION: LA CASCADA

MUNICIPIO: PACORA

AÑO:

1.987

ALTITUD: 1.600

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	0.0	0.0	0.0	0.0			
2	5.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0			
3	0.0	0.0	0.0	20.0	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	10.0	10.0			
5	10.0	0.0	0.0	10.0	0.0	10.0	0.0	5.0	20.0			
6	0.0	10.0	0.0	30.0	10.0	0.0	10.0	10.0	10.0			
7	0.0	0.0	0.0	15.0	0.0	0.0	0.0	10.0	0.0			
8	0.0	0.0	10.0	0.0	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	20.0	0.0			
10	0.0	0.0	0.0	30.0	0.0	20.0	0.0	10.0	0.0			
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
12	15.0	0.0	0.0	20.0	15.0	0.0	0.0	0.0	10.0			
13	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0			
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
15	0.0	0.0	0.0	15.0	10.0	0.0	0.0	0.0	0.0			
16	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0			
17	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0			
18	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0			
19	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0			
20	8.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0			
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
22	0.0	0.0	0.0	15.0	0.0	0.0	15.0	0.0	0.0			
23	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0			
24	0.0	0.0	15.0	10.0	0.0	0.0	0.0	0.0	10.0			
25	0.0	0.0	0.0	10.0	0.0	1.0	0.0	0.0	0.0			
26	0.0	0.0	0.0	0.0	20.0	0.0	10.0	0.0	0.0			
27	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0			
28	0.0	0.0	10.0	10.0	0.0	0.0	0.0	10.0	0.0			
29	5.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	10.0			
30	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	45.0			
31	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0			
Total	43.0	25.0	48.0	205.0	130.0	40.0	95.0	95.0	145.0			
D. LL.	5	2	5	14	9	3	5	8	10			
TOTALES ANUALES											Dias lluvia	

mm.

Dias lluvia

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

ESTACION: EL PARAISO

MUNICIPIO: SAMANA

AÑO: 1.987

ALTITUD:

LATITUD: 5-32 N.

LONGITUD: 74-57 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	136.0	0.0	0.0	0.0	0.0	0.0			
2	15.0	0.0	0.0	4.0	0.0	0.0	0.0	30.0	0.0			
3	0.0	15.0	0.0	30.0	10.0	0.0	0.0	10.0	0.0			
4	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
5	55.0	50.0	0.0	8.0	0.0	0.0	0.0	5.0	0.0			
6	0.0	0.0	0.0	0.0	50.0	0.0	10.0	0.0	41.0			
7	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0			
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0			
9	0.0	10.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0			
10	0.0	15.0	0.0	0.0	0.0	0.0	0.0	65.0	0.0			
11	0.0	20.0	0.0	0.0	0.0	0.0	0.0	80.0	20.0			
12	0.0	40.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0			
13	0.0	20.0	7.0	0.0	0.0	0.0	0.0	0.0	25.0			
14	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0			
15	0.0	8.0	95.0	50.0	0.0	0.0	0.0	0.0	60.0			
16	0.0	80.0	0.0	0.0	60.0	0.0	0.0	0.0	0.0			
17	0.0	0.0	0.0	100.0	40.0	0.0	30.0	0.0	0.0			
18	0.0	0.0	0.0	0.0	0.0	0.0	50.0	9.0	0.0			
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
20	52.0	23.0	0.0	0.0	0.0	0.0	5.0	40.0	48.0			
21	0.0	10.0	0.0	0.0	70.0	0.0	0.0	0.0	0.0			
22	10.0	60.0	0.0	60.0	30.0	70.0	10.0	0.0	0.0			
23	5.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0			
24	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
25	5.0	0.0	0.0	0.0	0.0	0.0	47.0	0.0	25.0			
26	12.0	0.0	17.0	0.0	90.0	0.0	0.0	0.0	0.0			
27	25.0	0.0	0.0	0.0	0.0	0.0	40.0	30.0	38.0			
28	0.0	0.0	0.0	0.0	0.0	0.0	40.0	4.0	48.0			
29	0.0	0.0	0.0	0.0	0.0	0.0	60.0	0.0	35.0			
30	110.0	0.0	5.0	90.0	0.0	10.0	12.0	0.0	8.0			
31	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0			
Total	319.0	383.0	137.0	558.0	350.0	100.0	334.0	318.0	358.0			
D. L.	10	13	5	10	7	3	11	11	11			
TOTALES ANUALES									mm.			Dias lluvia

ESTACION: EL DESCANSO
ALTITUD: 1.650

MUNICIPIO: MARMATO
LATITUD: 5-29 N.

AÑO: 1.987
LONGITUD: 75-38 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0
2	0.0	0.0	0.0	0.0	7.0	6.0	0.0	26.0	0.0	0.0	19.0	0.0
3	12.0	0.0	0.0	16.0	3.0	19.0	0.0	0.0	2.0	34.0	0.0	0.0
4	0.0	0.0	0.0	12.0	20.0	0.0	12.0	23.0	36.0	12.0	0.0	6.0
5	13.0	0.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	27.0	0.0	7.0	0.0	6.0	0.0	0.0	0.0	0.0	22.0	0.0	44.0
7	0.0	0.0	0.0	0.0	3.0	3.0	0.0	0.0	0.0	23.0	0.0	0.0
8	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	17.0	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	4.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
12	0.0	26.0	20.0	0.0	0.0	0.0	2.0	0.0	9.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	20.0	0.0	0.0	0.0
14	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.0	19.0	0.0
15	0.0	0.0	7.0	0.0	11.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
16	0.0	0.0	0.0	0.0	9.0	0.0	7.0	0.0	4.0	12.0	0.0	0.0
17	0.0	0.0	0.0	4.0	0.0	0.0	14.0	0.0	0.0	16.0	0.0	0.0
18	5.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	20.0	49.0	5.0	0.0
21	12.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	66.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	10.0	0.0	30.0	0.0	9.0	0.0	20.0	0.0
24	0.0	0.0	0.0	9.0	3.0	0.8	40.0	0.0	0.0	6.0	11.0	0.0
25	0.0	0.0	0.0	15.0	50.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0
26	0.0	0.0	0.0	0.0	30.0	0.0	10.0	0.0	0.0	11.0	19.0	6.0
27	0.0	0.0	20.0	25.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0
28	0.0	0.0	5.0	0.0	0.0	0.0	10.0	0.0	18.0	7.0	0.0	0.0
29	0.0	0.0	35.0	0.0	0.0	0.0	46.0	2.0	39.0	14.0	0.0	5.0
30	0.0	0.0	12.0	77.0	13.0	0.0	22.0	9.0	0.0	0.0	10.0	0.0
31	0.0	0.0	34.0	0.0	0.0	0.0	0.0	16.0	0.0	9.0	0.0	0.0
Total	135.0	31.0	199.0	158.0	197.0	45.0	201.0	81.0	161.0	374.0	119.0	86.0
D. L.	6	2	11	7	16	4	12	7	10	17	8	5
TOTALES ANUALES									1 787.0 mm.			Dias lluvia

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

ESTACION: LA MANUELITA

MUNICIPIO: RIOSUCIO

AÑO: 1.987

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	0.0	0.0	0.0	13.0	50.0	0.0	0.0	5.0	0.0	0.0	0.0	9.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0	3.0	2.0	
3	0.0	0.0	0.0	5.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
4	1.0	0.0	0.0	0.0	15.0	1.0	1.0	10.0	40.0	10.0	0.0	3.0	
5	0.0	0.0	5.0	2.0	2.0	2.0	0.0	10.0	0.0	11.0	0.0	10.0	
6	0.0	3.0	5.0	0.0	0.0	0.0	0.0	0.0	7.0	22.0	0.0	7.0	
7	10.0	10.0	8.0	0.0	0.0	0.0	0.0	0.0	10.0	5.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	12.0	1.0	1.0	0.0	0.0	30.0	0.0	0.0	
9	0.0	0.0	3.0	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	8.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	15.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	30.0	8.0	40.0	0.0	
15	0.0	0.0	5.0	0.0	50.0	0.0	1.0	0.0	8.0	22.0	30.0	0.0	
16	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	15.0	12.0	0.0	2.0	0.0	1.0	22.0	0.0	0.0	
18	10.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	6.0	0.0	0.0	
19	2.0	18.0	0.0	0.0	3.0	0.0	7.0	0.0	0.0	0.0	20.0	0.0	
20	5.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	12.0	10.0	31.0	0.0	42.0	34.0	8.0	0.0	
22	9.0	0.0	0.0	0.0	40.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	45.0	35.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	20.0	63.0	0.0	0.0	20.0	0.0	0.0	30.0	0.0	0.0	
25	0.0	0.0	10.0	15.0	6.0	0.0	2.0	0.0	0.0	5.0	0.0	0.0	
26	13.0	0.0	0.0	5.0	31.0	0.0	0.0	0.0	0.0	10.0	7.0	0.0	
27	0.0	0.0	30.0	10.0	6.0	0.0	0.0	1.0	0.0	14.0	10.0	0.0	
28	0.0	0.0	8.0	11.0	0.0	0.0	1.0	3.0	0.0	30.0	0.0	0.0	
29	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	11.0	2.0	0.0	2.0	
30	0.0	0.0	10.0	15.0	0.0	0.0	24.0	0.0	14.0	5.0	0.0	15.0	
31	0.0	0.0	27.0	0.0	1.0	0.0	35.0	5.0	0.0	0.0	8.0	0.0	
Total D. LL.	50.0 7	39.0 4	146.0 12	160.0 11	268.0 16	78.0 7	194.0 15	84.0 9	173.0 10	269.0 19	126.0 8	48.0 7	
TOTALES ANUALES										1 635.0 mm.		125 Días lluvia	

ESTACION: LA ARGENTINA

MUNICIPIO: RIOSUCIO

AÑO: 1.987

ALTITUD: 1.420

LATITUD: 5-28 N.

LONGITUD: 75-42 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	30.0		0.0	0.0	6.0	0.0	0.0	1.0	39.0	
2	0.0	0.0	22.0	15.0		0.0	0.0	56.0	13.0	23.0	9.0	20.0	
3	0.0	0.0	0.0	0.0		0.0	3.0	0.0	3.0	6.0	3.0	0.0	
4	0.0	0.0	0.0	0.0		60.0	3.0	14.0	31.0	2.0	7.0	4.0	
5	0.0	0.0	43.0	2.0		0.0	3.0	0.0	3.0	15.0	0.0	22.0	
6	20.0	0.0	28.0	0.0		0.0	0.0	18.0	5.0	3.0	1.0	6.0	
7	0.0	0.0	0.0	0.0		0.0	0.0	20.0	14.0	8.0	0.0	18.0	
8	0.0	0.0	7.0	0.0		0.0	1.0	0.0	0.0	33.0	0.0	0.0	
9	0.0	0.0	3.0	20.0		0.0	0.0	0.0	12.0	1.0	0.0	0.0	
10	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	40.0	22.0	0.0		0.0	0.0	20.0	6.0	3.0	0.0	19.0	
12	0.0	0.0	2.0	0.0		0.0	0.0	3.0	0.0	1.0	4.0	0.0	
13	0.0	21.0	0.0	0.0		0.0	4.0	0.0	54.0	16.0	0.0	0.0	
14	0.0	0.0	0.0	0.0		0.0	2.0	0.0	29.0	10.0	13.0	0.0	
15	0.0	0.0	12.0	8.0		0.0	5.0	0.0	1.0	10.0	4.0	0.0	
16	0.0	0.0	0.0	20.0		0.0	1.0	0.0	4.0	27.0	0.0	0.0	
17	0.0	0.0	0.0	15.0		0.0	20.0	0.0	0.0	4.0	0.0	0.0	
18	14.0	0.0	0.0	0.0		0.0	4.0	0.0	1.0	4.0	12.0	0.0	
19	12.0	0.0	0.0	0.0		0.0	5.0	0.0	1.0	2.0	2.0	0.0	
20	1.0	0.0	2.0	0.0		0.0	0.0	2.0	31.0	23.0	5.0	0.0	
21	5.0	0.0	33.0	0.0		0.0	18.0	0.0	0.0	2.0	6.0	0.0	
22	5.0	0.0	0.0	0.0		0.0	0.0	0.0	1.0	6.0	0.0	0.0	
23	0.0	0.0	0.0	15.0		48.0	15.0	0.0	0.0	23.0	1.0	0.0	
24	0.0	0.0	30.0	40.0		0.0	32.0	0.0	5.0	40.0	28.0	0.0	
25	0.0	0.0	22.0	35.0		0.0	23.0	0.0	1.0	46.0	6.0	0.0	
26	23.0	0.0	0.0	20.0		0.0	1.0	0.0	1.0	15.0	4.0	0.0	
27	0.0	0.0	0.0	13.0		2.0	1.0	16.0	0.0	42.0	0.0	3.0	
28	0.0	0.0	0.0	28.0		0.0	4.0	0.0	13.0	14.0	0.0	2.0	
29	0.0	0.0	0.0	0.0		0.0	54.0	0.0	17.0	23.0	15.0	11.0	
30	0.0	0.0	0.0	0.0		0.0	19.0	10.0	7.0	1.0	14.0	0.0	
31	0.0	0.0	50.0	0.0		0.0	22.0	9.0	0.0	7.0	0.0	0.0	
Total D. LL.	80.0 7	61.0 2	276.0 13	261.0 13	0.0 0	110.0 3	240.0 21	175.0 12	252.0 21	410.0 29	135.0 18	144.0 10	
TOTALES ANUALES										2 144.0 mm.		149 Días lluvia	

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

ESTACION: EL CONTENTO

MUNICIPIO: LA MERCED

AÑO: 1.987

ALTITUD: 1.600

LATITUD: 5-24 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	102.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	30.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.0	20.0	0.0	0.0
4	3.0	0.0	0.0	3.0	8.0	9.0	6.0	16.0	41.0	37.0	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	72.0
6	0.0	10.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	15.0	0.0	23.0
7	16.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	11.0	0.0	0.0	0.0	0.0	5.0	0.0	56.0	0.0	5.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0
10	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	19.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0
12	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	57.0	50.0	0.0	0.0
14	0.0	6.0	7.0	0.0	9.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0
15	0.0	0.0	4.0	0.0	8.0	0.0	0.0	0.0	9.0	11.0	0.0	0.0
16	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	43.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0
18	11.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	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	57.0	0.0
20	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	36.0	21.0	0.0	0.0
21	0.0	0.0	2.0	0.0	10.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0
22	23.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	12.0	0.0	32.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	60.0	0.0	0.0	0.0	41.0	0.0
24	0.0	0.0	1.0	26.0	0.0	0.0	13.0	0.0	0.0	9.0	30.0	0.0
25	0.0	0.0	8.0	5.0	0.0	0.0	0.0	0.0	5.0	51.0	0.0	0.0
26	0.0	0.0	0.0	19.0	32.0	0.0	0.0	0.0	0.0	14.0	11.0	0.0
27	0.0	0.0	14.0	48.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	7.0
28	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	59.0	6.0	0.0	0.0
29	0.0	0.0	41.0	0.0	0.0	0.0	21.0	2.0	11.0	0.0	7.0	6.0
30	0.0	0.0	0.0	16.0	0.0	0.0	8.0	3.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	18.0	0.0	22.0	0.0	0.0	6.0	0.0	0.0
Total D. Ll.	59.0	35.0	114.0	216.0	116.0	9.0	193.0	65.0	295.0	369.0	216.0	143.0
	5	3	12	7	10	1	8	8	10	15	7	6
TOTALES ANUALES	1632.0 mm.										92	Dias lluvia

ESTACION: PERNAMBUCO

MUNICIPIO: FILADELFIA

AÑO: 1.987

ALTITUD: 1.400

LATITUD: 5-20 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	60.0	5.0	0.0	0.0	13.0				
2	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0				
3	0.0	0.0	0.0	0.0	0.0	0.0	9.0	15.0				
4	5.0	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				
6	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0				
7	7.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0				
8	0.0	0.0	15.0	0.0	0.0	18.0	0.0	40.0				
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
10	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0				
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
12	0.0	35.0	22.0	0.0	10.0	0.0	0.0	0.0				
13	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	15.0	0.0	0.0	0.0				
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
16	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0				
17	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0				
18	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
19	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
21	29.0	0.0	10.0	0.0	10.0	0.0	13.0	0.0				
22	0.0	0.0	0.0	0.0	54.0	0.0	0.0	0.0				
23	0.0	0.0	0.0	0.0	0.0	0.0	60.0	0.0				
24	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0				
25	0.0	0.0	0.0	22.0	10.0	0.0	0.0	0.0				
26	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0				
27	0.0	0.0	10.0	50.0	0.0	0.0	0.0	0.0				
28	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0				
29	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0				
30	0.0	0.0	11.0	0.0	0.0	0.0	10.0	0.0				
31	0.0	0.0	30.0	0.0	85.0	0.0	0.0	0.0				
Total D. Ll.	71.0	45.0	108.0	190.0	194.0	18.0	178.0	68.0				
	5	2	7	7	8	1	6	3				
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 JULIA

MUNICIPIO: FILADELFIA

AÑO:

1.987

ALTITUD: 1.650

LATITUD: 5-18 N.

LONGITUD: 75-29 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	7.0	0.0	0.0	20.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0		
2	0.0	0.0	0.0	21.0	3.0	0.0	0.0	8.0	5.0	20.0	50.0	0.0		
3	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0	0.0	2.0	20.0		
4	5.0	0.0	0.0	4.0	0.0	15.0	5.0	6.0	45.0	18.0	0.0	0.0		
5	0.0	0.0	5.0	2.0	1.0	3.0	1.0	0.0	0.0	15.0	0.0	34.0		
6	0.0	11.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	10.0	0.0	42.0		
7	24.0	0.0	10.0	1.0	0.0	10.0	0.0	8.0	10.0	25.0	0.0	0.0		
8	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	2.0	30.0	0.0	0.0		
9	0.0	0.0	2.0	0.0	8.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0		
10	0.0	0.0	4.0	3.0	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	13.0	7.0	0.0	4.0	2.0	0.0	0.0	0.0	5.0	0.0	0.0		
13	0.0	0.0	53.0	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	12.0	14.0	0.0	0.0	30.0	20.0	0.0	0.0		
15	0.0	0.0	7.0	0.0	25.0	0.0	2.0	0.0	22.0	28.0	62.0	0.0		
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	5.0	8.0	0.0		
17	0.0	0.0	0.0	6.0	20.0	0.0	13.0	0.0	5.0	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	15.0	0.0	0.0		
19	7.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	24.0	0.0		
20	11.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	15.0	34.0	0.0		
21	0.0	0.0	0.0	4.0	28.0	0.0	3.0	0.0	45.0	10.0	52.0	0.0		
22	1.0	0.0	0.0	0.0	19.0	5.0	0.0	0.0	2.0	0.0	0.0	0.0		
23	0.0	0.0	0.0	0.0	1.0	0.0	12.0	0.0	2.0	6.0	0.0	0.0		
24	0.0	0.0	0.0	21.0	0.0	0.0	13.0	0.0	0.0	0.0	35.0	0.0		
25	0.0	0.0	1.0	12.0	0.0	0.0	1.0	0.0	0.0	10.0	22.0	0.0		
26	0.0	0.0	0.0	22.0	31.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0		
27	0.0	0.0	21.0	31.0	0.0	10.0	0.0	0.0	0.0	17.0	0.0	0.0		
28	0.0	0.0	0.0	1.0	0.0	0.0	2.0	0.0	0.0	30.0	10.0	10.0		
29	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	10.0		
30	0.0	0.0	10.0	29.0	25.0	0.0	82.0	2.0	15.0	10.0	20.0	75.0		
31	0.0	0.0	37.0	0.0	0.0	0.0	28.0	3.0	0.0	5.0	0.0	0.0		
Total	55.0	18.0	168.0	178.0	211.0	59.0	203.0	33.0	222.0	346.0	319.0	191.0		
D. L.L.	6	2	12	15	14	7	15	7	15	20	11	6		
TOTALES ANUALES												2003.0 mm.	130	Dias lluvia

ESTACION: LA PASTORITA

MUNICIPIO: LA VICTORIA

AÑO:

1.987

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	12.0	0.0	0.0	0.0	0.0	0.0	0.0	90.0	4.0	4.0	65.0	65.0		
2	75.0	29.0	0.0	68.0	0.0	0.0	0.0	45.0	37.0	10.0	10.0	10.0		
3	0.0	0.0	65.0	7.0	12.0	0.0	0.0	0.0	5.0	0.0	12.0	12.0		
4	40.0	0.0	10.0	17.0	0.0	45.0	0.0	7.0	37.0	12.0	0.0	0.0		
5	15.0	45.0	6.0	40.0	10.0	26.0	0.0	0.0	6.0	21.0	0.0	0.0		
6	25.0	0.0	9.0	0.0	52.0	0.0	0.0	0.0	2.0	6.0	0.0	0.0		
7	0.0	0.0	0.0	0.0	0.0	0.0	18.0	24.0	20.0	60.0	0.0	0.0		
8	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	4.0	18.0	0.0	0.0		
9	0.0	8.0	29.0	0.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0		
10	0.0	20.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	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	38.0	0.0	0.0	0.0	0.0	0.0	65.0	0.0	30.0	0.0	0.0		
13	0.0	0.0	65.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0		
14	0.0	0.0	11.0	0.0	0.0	15.0	0.0	0.0	34.0	57.0	5.0	5.0		
15	0.0	0.0	42.0	12.0	15.0	35.0	0.0	0.0	29.0	6.0	60.0	60.0		
16	0.0	22.0	0.0	0.0	49.0	0.0	0.0	0.0	6.0	6.0	0.0	0.0		
17	0.0	0.0	0.0	105.0	0.0	0.0	0.0	14.0	15.0	30.0	0.0	0.0		
18	5.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0	0.0	11.0	16.0	16.0		
19	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	8.0	36.0	36.0		
20	10.0	15.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	20.0		
21	0.0	0.0	36.0	0.0	9.0	0.0	0.0	0.0	82.0	0.0	4.0	4.0		
22	4.0	4.0	31.0	138.0	0.0	15.0	2.0	0.0	9.0	0.0	11.0	11.0		
23	10.0	0.0	0.0	6.0	15.0	0.0	6.0	0.0	5.0	5.0	0.0	0.0		
24	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	3.0	0.0	0.0		
25	5.0	0.0	22.0	60.0	10.0	0.0	24.0	0.0	12.0	10.0	42.0	42.0		
26	40.0	0.0	8.0	0.0	74.0	0.0	46.0	0.0	0.0	70.0	0.0	0.0		
27	4.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	12.0	12.0	0.0	0.0		
28	0.0	0.0	0.0	15.0	0.0	0.0	48.0	0.0	28.0	138.0	0.0	0.0		
29	0.0	0.0	0.0	7.0	0.0	0.0	27.0	0.0	24.0	6.0	0.0	0.0		
30	16.0	0.0	46.0	139.0	0.0	0.0	5.0	0.0	0.0	4.0	0.0	0.0		
31	0.0	0.0	92.0	0.0	0.0	0.0	50.0	0.0	0.0	45.0	45.0	0.0		
Total	261.0	181.0	502.0	614.0	311.0	146.0	310.0	284.0	372.0	645.0	326.0	281.0		
D. L.L.	13	8	17	12	10	6	15	9	18	26	12	11		
TOTALES ANUALES												4233.0 mm.	157	Dias lluvia

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

ESTACION: MARZALA

MUNICIPIO: LA VICTORIA

AÑO:

1.987

ALTITUD: 790

LATITUD: 5-19 N.

LONGITUD: 74-52 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	10.0	0.0	0.0	100.0	0.0	0.0			0.0	80.0	100.0	
2	50.0	10.0	20.0	20.0	0.0	0.0			20.0	80.0	0.0	
3	0.0	0.0	10.0	130.0	0.0	50.0			10.0	50.0	0.0	
4	0.0	0.0	70.0	0.0	0.0	10.0			50.0	0.0	0.0	
5	0.0	0.0	0.0	10.0	0.0	40.0			20.0	80.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	80.0			20.0	50.0	0.0	
7	0.0	20.0	20.0	0.0	0.0	0.0			0.0	100.0	0.0	
8	0.0	10.0	0.0	0.0	0.0	0.0			0.0	50.0	50.0	
9	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	130.0	
10	0.0	0.0	50.0	0.0	0.0	50.0			0.0	40.0	40.0	
11	0.0	0.0	20.0	0.0	0.0	40.0			10.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0			20.0	10.0	20.0	
13	0.0	30.0	50.0	0.0	150.0	130.0			50.0	40.0	50.0	
14	0.0	0.0	130.0	0.0	20.0	130.0			80.0	80.0	110.0	
15	0.0	80.0	40.0	0.0	100.0	0.0			20.0	0.0	20.0	
16	0.0	50.0	20.0	0.0	130.0	0.0			0.0	0.0	0.0	
17	0.0	0.0	0.0	20.0	50.0	0.0			0.0	10.0	0.0	
18	0.0	20.0	10.0	0.0	0.0	20.0			0.0	20.0	0.0	
19	0.0	0.0	0.0	10.0	20.0	0.0			10.0	30.0	10.0	
20	70.0	0.0	20.0	0.0	0.0	0.0			50.0	50.0	0.0	
21	10.0	0.0	0.0	0.0	10.0	0.0			20.0	130.0	0.0	
22	20.0	10.0	0.0	0.0	50.0	0.0			80.0	20.0	20.0	
23	20.0	20.0	0.0	0.0	100.0	10.0			50.0	10.0	10.0	
24	10.0	150.0	50.0	0.0	130.0	40.0			0.0	0.0	80.0	
25	0.0	0.0	0.0	0.0	130.0	0.0			70.0	0.0	0.0	
26	20.0	0.0	0.0	20.0	50.0	0.0			80.0	0.0	0.0	
27	10.0	0.0	0.0	50.0	0.0	0.0			10.0	10.0	0.0	
28	0.0	0.0	100.0	90.0	0.0	0.0			100.0	40.0	20.0	
29	20.0	0.0	50.0	50.0	0.0	0.0			80.0	50.0	10.0	
30	0.0	0.0	20.0	150.0	0.0	0.0			0.0	300.0	0.0	
31	0.0	0.0	50.0	0.0	0.0	0.0			0.0	50.0	0.0	
Total	240.0	500.0	730.0	650.0	940.0	600.0			850.0	380.0	670.0	
D. Ll.	10	10	17	11	12	11			20	23	14	
TOTALES ANUALES									mm.		Dias lluvia	

ESTACION: LA GAVIOTA

MUNICIPIO: ANSERMA

AÑO:

1.987

ALTITUD: 1.530

LATITUD: 5-14 N.

LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	2.0	0.0							
2	0.0	0.0	0.0	22.0	30.0							
3	0.0	0.0	0.0	28.0	0.0							
4	0.0	0.0	1.0	6.0	8.0							
5	0.0	0.0	11.0	28.0	14.0							
6	0.0	0.0	0.0	24.0	0.0							
7	33.0	26.0	2.0	0.0	0.0							
8	4.0	0.0	11.0	10.0	0.0							
9	0.0	0.0	21.0	0.0	11.0							
10	23.0	0.0	4.0	0.0	0.0							
11	0.0	0.0	0.0	0.0	0.0							
12	0.0	8.0	0.0	0.0	0.0							
13	0.0	0.0	0.0	0.0	75.0							
14	0.0	12.0	0.0	0.0	30.0							
15	0.0	0.0	0.0	0.0	43.0							
16	0.0	0.0	0.0	0.0	34.0							
17	0.0	0.0	0.0	2.0	1.0							
18	40.0	0.0	0.0	0.0	0.0							
19	31.0	0.0	0.0	0.0	1.0							
20	0.0	1.0	0.0	3.0	10.0							
21	0.0	0.0	5.0	0.0	2.0							
22	1.0	0.0	0.0	0.0	3.0							
23	0.0	0.0	0.0	0.0	40.0							
24	10.0	0.0	0.0	33.0	0.0							
25	0.0	11.0	11.0	29.0	0.0							
26	0.0	0.0	0.0	30.0	30.0							
27	0.0	0.0	42.0	22.0	0.0							
28	0.0	0.0	1.0	1.0	0.0							
29	0.0	0.0	0.0	1.0	0.0							
30	0.0	0.0	6.0	10.0	0.0							
31	0.0	0.0	8.0	0.0	0.0							
Total	142.0	58.0	123.0	251.0	332.0							
D. Ll.	7	5	12	16	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: LA GAVIOTA

MUNICIPIO: RISARALDA

AÑO: 1.987

ALTITUD: 1.500

LATITUD: 5-12 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	14.0	43.0								
2	0.0	0.0	0.0	32.0	0.0								
3	0.0	0.0	0.0	2.0	19.0								
4	0.0	0.0	13.0	14.0	7.0								
5	0.0	0.0	0.0	0.0	4.0								
6	0.0	30.0	0.0	5.0	0.0								
7	20.0	10.0	9.0	0.0	0.0								
8	0.0	0.0	21.0	10.0	0.0								
9	0.0	0.0	0.0	0.0	7.0								
10	20.0	0.0	0.0	0.0	0.0								
11	12.0	42.0	3.0	0.0	0.0								
12	0.0	0.0	7.0	0.0	0.0								
13	0.0	0.0	0.0	0.0	60.0								
14	0.0	8.0	0.0	0.0	26.0								
15	0.0	0.0	0.0	0.0	47.0								
16	0.0	0.0	0.0	0.0	23.0								
17	15.0	0.0	0.0	4.0	2.0								
18	25.0	0.0	0.0	0.0	0.0								
19	0.0	0.0	0.0	0.0	12.0								
20	0.0	29.0	0.0	32.0	2.0								
21	0.0	0.0	0.0	0.0	16.0								
22	0.0	0.0	0.0	0.0	3.0								
23	2.0	0.0	0.0	0.0	12.0								
24	0.0	0.0	4.0	10.0	0.0								
25	0.0	0.0	0.0	15.0	18.0								
26	9.0	4.0	0.0	9.0	0.0								
27	0.0	0.0	35.0	12.0	0.0								
28	0.0	0.0	0.0	10.0	0.0								
29	0.0	0.0	10.0	2.0	0.0								
30	0.0	0.0	5.0	12.0	2.0								
31	0.0	0.0	21.0	0.0	0.0								
Total	103.0	123.0	128.0	183.0	303.0								
D. LL.	7	6	10	15	17								
TOTALES ANUALES											mm.	55	Días lluvia

ESTACION: TESORITO

MUNICIPIO: MANIZALES

AÑO: 1.987

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	13.0			0.0	43.0	1.0	4.0	0.0	4.0	
2	0.0	0.0	0.0	15.0			0.0	21.0	4.0	18.0	6.0	0.0	
3	0.0	0.0	0.0	3.0			7.0	5.0	3.0	5.0	5.0	8.0	
4	0.0	0.0	1.0	0.0			3.0	2.0	0.0	17.0	6.0	10.0	
5	0.0	0.0	9.0	12.0			9.0	3.0	3.0	9.0	4.0	28.0	
6	0.0	0.0	32.0	4.0			0.0	3.0	3.0	5.0	0.0	18.0	
7	0.0	6.0	33.0	1.0			0.0	13.0	1.0	2.0	0.0	2.0	
8	0.0	53.0	5.0	0.0			0.0	0.0	4.0	24.0	0.0	7.0	
9	0.0	1.0	6.0	0.0			5.0	0.0	2.0	3.0	0.0	4.0	
10	3.0	0.0	1.0	0.0			1.0	0.0	0.0	2.0	0.0	1.0	
11	9.0	6.0	1.0	0.0			5.0	0.0	6.0	0.0	0.0	0.0	
12	0.0	7.0	5.0	0.0			2.0	0.0	0.0	3.0	0.0	0.0	
13	0.0	0.0	4.0	0.0			1.0	3.0	15.0	19.0	14.0	0.0	
14	0.0	5.0	9.0	0.0			2.0	0.0	5.0	0.0	14.0	0.0	
15	2.0	3.0	10.0	0.0			2.0	0.0	3.0	3.0	1.0	0.0	
16	0.0	0.0	14.0	0.0			7.0	5.0	10.0	24.0	1.0	0.0	
17	0.0	0.0	4.0	2.0			8.0	0.0	1.0	15.0	0.0	0.0	
18	28.0	0.0	0.0	0.0			2.0	1.0	2.0	11.0	19.0	0.0	
19	25.0	0.0	0.0	0.0			7.0	2.0	3.0	8.0	5.0	0.0	
20	13.0	0.0	1.0	0.0			2.0	1.0	9.0	22.0	37.0	0.0	
21	3.0	0.0	7.0	0.0			5.0	0.0	1.0	1.0	1.0	0.0	
22	0.0	0.0	3.0	0.0			0.0	3.0	0.0	2.0	0.0	0.0	
23	0.0	0.0	7.0	35.0			5.0	0.0	4.0	1.0	0.0	0.0	
24	0.0	0.0	0.0	7.0			0.0	3.0	14.0	5.0	8.0	0.0	
25	0.0	0.0	0.0	15.0			3.0	0.0	7.0	1.0	0.0	0.0	
26	0.0	0.0	0.0	6.0			5.0	1.0	6.0	20.0	11.0	1.0	
27	7.0	0.0	3.0	4.0			4.0	2.0	10.0	12.0	0.0	3.0	
28	0.0	0.0	1.0	0.0			5.0	0.0	28.0	71.0	0.0	3.0	
29	0.0	0.0	0.0	18.0			4.0	4.0	6.0	1.5	8.0	4.0	
30	0.0	0.0	4.0	5.0		0.0	4.0	3.0	0.0	27.0	0.0	0.0	
31	0.0	0.0	5.0	0.0		0.0	4.0	0.0	0.0	0.0	0.0	0.0	
Total	90.0	81.0	168.0	141.0		0.0	101.0	118.0	151.0	342.5	148.0	55.0	
D. LL.	8	7	23	15		0	24	18	25	29	16	13	
TOTALES ANUALES											mm.		Días lluvia

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

ESTACION: EL RECREO

MUNICIPIO: PALESTINA

AÑO: 1.987

ALTITUD: 1.450

LATITUD: 5-02 N.

LONGITUD: 75-39 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	1.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	1.0	14.0	0.0	25.0	
2	0.0	0.0	0.0	2.0	50.0	0.0	0.0	14.0	0.0	0.0	7.0	0.0	
3	0.0	0.0	0.0	4.0	12.0	0.0	1.0	0.0	13.0	11.0	0.0	5.0	
4	0.0	0.0	1.0	2.0	5.0	34.0	1.0	13.0	30.0	2.0	2.0	13.0	
5	0.0	1.0	12.0	0.0	3.0	1.0	0.0	11.0	0.0	0.0	0.0	2.0	
6	0.0	0.0	0.0	0.0	2.0	0.0	12.0	12.0	4.0	9.0	0.0	1.0	
7	7.0	0.0	1.0	0.0	0.0	0.0	0.0	18.0	11.0	36.0	0.0	0.0	
8	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	34.0	0.0	0.0	
9	0.0	0.0	1.0	0.0	8.0	0.0	29.0	2.0	12.0	0.0	0.0	0.0	
10	0.0	0.0	1.0	0.0	0.0	39.0	0.0	0.0	0.0	29.0	0.0	9.0	
11	1.0	1.0	2.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	9.0	
12	0.0	26.0	6.0	11.0	0.0	0.0	1.0	0.0	0.0	0.0	30.0	0.0	
13	0.0	0.0	0.0	0.0	2.0	21.0	0.0	0.0	60.0	17.0	20.0	0.0	
14	0.0	0.0	0.0	0.0	10.0	1.0	0.0	0.0	6.0	8.0	17.0	0.0	
15	0.0	0.0	11.0	0.0	21.0	1.0	0.0	0.0	0.0	5.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	10.0	0.0	19.0	0.0	3.0	18.0	0.0	0.0	
17	0.0	0.0	0.0	33.0	2.0	1.0	25.0	0.0	0.0	8.0	0.0	0.0	
18	8.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
19	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	18.0	0.0	
20	0.0	0.0	0.0	6.0	3.0	0.0	0.0	0.0	40.0	23.0	15.0	0.0	
21	2.0	0.0	0.0	0.0	11.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	
22	1.0	0.0	0.0	0.0	30.0	0.0	0.0	2.0	2.0	26.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	32.0	111.0	48.0	5.0	2.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	39.0	0.0	0.0	14.0	0.0	0.0	0.0	36.0	0.0	
25	0.0	0.0	5.0	0.0	0.0	0.0	0.0	2.0	0.0	30.0	0.0	0.0	
26	2.0	0.0	0.0	3.0	18.0	0.0	0.0	9.0	0.0	20.0	0.0	0.0	
27	1.0	0.0	2.0	35.0	0.0	0.0	20.0	15.0	0.0	37.0	0.0	8.0	
28	0.0	20.0	0.0	2.0	0.0	0.0	0.0	0.0	21.0	2.0	0.0	3.0	
29	0.0	0.0	0.0	4.0	0.0	0.0	16.0	28.0	23.0	28.0	26.0	34.0	
30	0.0	0.0	92.0	35.0	0.0	10.0	23.0	2.0	0.0	0.0	10.0	1.0	
31	0.0	0.0	11.0	0.0	0.0	0.0	25.0	7.0	0.0	10.0	0.0	0.0	
Total D. Ll.	26.0	52.0	154.0	181.0	219.0	219.0	238.0	141.0	237.0	367.0	196.0	92.0	
	9	5	13	13	16	9	14	14	16	20	11	9	
TOTALES ANUALES							2 122.0 mm.					Dias	149
												Dias	149
												lluvia	

ESTACION: LA ARGENTINA

MUNICIPIO: PALESTINA

AÑO: 1.987

ALTITUD:

LATITUD: 5-01 N.

LONGITUD: 75-41 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	1.0	0.0	0.0		5.0	0.0	0.0	0.0	0.0	37.0	0.0	15.0	
2	0.0	0.0	0.0		35.0	0.0	0.0	20.0	0.0	0.0	11.0	0.0	
3	0.0	0.0	0.0		18.0	0.0	8.0	0.0	16.0	14.0	0.0	6.0	
4	0.0	0.0	0.0		0.0	16.0	10.0	10.0	35.0	2.0	0.0	4.0	
5	0.0	0.0	44.0		4.0	2.0	2.0	14.0	0.0	2.0	2.0	0.0	
6	0.0	0.0	2.0		10.0	0.0	0.0	10.0	5.0	19.0	0.0	4.0	
7	3.0	0.0	0.0		0.0	0.0	0.0	58.0	0.0	14.0	0.0	0.0	
8	0.0	0.0	8.0		0.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0	
9	0.0	0.0	2.0		5.0	0.0	54.0	8.0	2.5	0.0	0.0	0.0	
10	4.0	0.0	4.0		0.0	7.0	0.0	0.0	0.0	42.0	0.0	0.0	
11	0.0	0.0	1.0		0.0	0.0	2.0	6.0	0.0	0.0	0.0	0.0	
12	0.0	30.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	37.0	0.0	
13	0.0	0.0	0.0		9.0	5.0	0.0	0.0	93.0	26.0	24.0	0.0	
14	0.0	0.0	0.0		13.0	0.0	0.0	0.0	4.0	0.0	3.0	0.0	
15	0.0	0.0	0.0		40.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	
16	0.0	0.0	16.0		19.0	0.0	6.0	0.0	0.0	17.0	0.0	0.0	
17	0.0	0.0	0.0		0.0	0.0	8.0	0.0	0.0	3.0	0.0	0.0	
18	10.0	5.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	44.0	0.0	
19	3.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	5.0	7.0	0.0	
20	0.0	2.0	0.0		16.0	0.0	0.0	0.0	14.0	46.0	18.0	0.0	
21	8.0	0.0	0.0		31.0	0.0	7.0	0.0	0.0	24.0	0.0	0.0	
22	0.0	0.0	0.0		50.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
23	0.0	0.0	0.0		18.0	48.0	22.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0		0.0	0.0	45.0	0.0	2.0	0.0	0.0	0.0	
25	0.0	0.0	3.0		0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	
26	0.0	0.0	0.0		17.0	0.0	32.0	2.0	0.0	0.0	0.0	5.0	
27	0.0	6.0	0.0		0.0	0.0	0.0	29.0	0.0	53.0	0.0	5.0	
28	0.0	3.0	6.0		0.0	0.0	0.0	0.0	31.0	14.0	0.0	0.0	
29	0.0	0.0	63.0		0.0	0.0	37.0	0.0	37.0	27.0	41.0	0.0	
30	0.0	0.0	0.0		0.0	4.0	28.0	0.0	0.0	0.0	0.0	4.0	
31	0.0	0.0	0.0		0.0	0.0	48.0	0.0	0.0	9.0	0.0	0.0	
Total D. Ll.	29.0	46.0	149.0		290.0	82.0	309.0	157.0	248.5	390.0	187.0	43.0	
	6	5	10		15	6	14	9	12	15	9	7	
TOTALES ANUALES							mm.					Dias	149
												Dias	149
												lluvia	

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

ESTACION: EL DIAMANTE

MUNICIPIO: BELALCAZAR

AÑO:

1.987

ALTITUD: 1.200

LATITUD: 4-55 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	5.0	0.0	12.0	0.0	5.0
2				0.0	12.0	0.0	0.0	48.0	4.9	0.0	0.0	10.0
3				0.0	71.2	14.5	5.5	0.0	4.0	0.0	0.0	30.0
4				0.0	3.5	7.0	6.2	10.0	21.9	12.0	24.0	8.0
5				0.0	11.0	0.0	0.0	9.9	0.0	0.0	0.0	10.0
6				0.0	1.5	0.0	1.0	0.0	27.0	0.0	0.0	0.0
7				0.0	0.0	0.0	0.0	44.1	0.0	30.0	0.0	0.0
8				0.0	7.1	0.0	0.0	0.0	7.0	18.0	0.0	0.0
9				8.3	0.0	0.0	51.5	7.0	0.0	0.0	0.0	0.0
10				2.7	0.0	6.6	0.0	0.0	0.0	44.0	0.0	0.0
11				0.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0
12				0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0
13				0.0	1.5	4.8	0.0	0.0	0.0	2.0	17.0	0.0
14				1.5	10.0	5.3	9.6	0.0	6.6	0.0	11.0	0.0
15				0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0
16				0.0	51.9	0.0	3.0	0.0	0.0	0.0	0.0	0.0
17				0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0
18				0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.4	0.0
19				0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0
20				0.0	0.0	1.5	0.0	0.0	0.0	0.0	5.0	0.0
21				0.0	1.0	0.0	0.0	0.0	8.9	5.0	0.0	0.0
22				4.5	83.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23				1.3	2.5	28.5	3.9	0.0	0.0	0.0	0.0	0.0
24				34.5	1.0	0.0	39.0	0.0	0.0	20.0	0.0	0.0
25				3.1	0.0	0.0	16.0	0.0	0.0	27.0	0.0	0.0
26				0.0	24.3	0.0	0.0	0.0	0.0	37.0	0.0	0.0
27				2.5	0.0	0.0	37.0	0.0	2.0	30.0	0.0	8.0
28				6.2	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
29				6.3	0.0	0.0	25.0	0.0	20.0	0.0	0.0	0.0
30				7.2	0.0	4.0	4.0	0.0	0.0	0.0	20.0	0.0
31				0.0	0.0	0.0	25.0	10.3	0.0	0.0	0.0	0.0
Total D. Lt.				78.1	281.8	108.2	232.5	170.9	104.3	310.0	105.4	71.0
TOTALES ANUALES												Días lluvia
												mm.

ESTACION: LA FRANCIA

MUNICIPIO: CHINCHINA

AÑO:

1.987

ALTITUD: 1.360

LATITUD: 4-59 N.

LONGITUD: 75-41 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	15.0	0.0		0.0	0.0	0.0	15.0	0.0	25.0
2	0.0	0.0	0.0	0.0	35.4		0.0	38.5	0.0	0.0	47.0	0.0
3	0.0	0.0	2.0	0.0	13.1		17.0	0.0	8.5	18.5	0.0	0.0
4	0.0	0.0	0.0	0.0	5.0		28.0	22.0	21.0	18.5	0.0	0.0
5	21.0	9.0	98.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
6	11.0	0.0	10.0	0.0	3.0		6.0	9.0	0.0	0.0	0.0	0.0
7	2.0	11.0	6.0	23.0	0.0		0.0	58.0	0.0	0.0	0.0	28.0
8	0.0	4.0	4.0	0.0	0.0		0.0	0.0	0.0	49.0	0.0	0.0
9	0.0	0.0	0.0	0.0	8.7		18.5	6.0	7.2	0.0	0.0	0.0
10	30.0	0.0	3.0	0.0	0.0		33.5	2.0	0.0	46.0	0.0	0.0
11	5.0	25.0	0.0	0.0	1.5		0.0	12.5	3.2	0.0	0.0	0.0
12	0.0	0.0	21.0	5.0	0.0		0.0	0.0	0.0	25.0	31.0	0.0
13	0.0	0.0	6.0	0.0	9.5		0.0	0.0	48.3	0.0	8.5	0.0
14	0.0	0.0	0.0	0.0	32.9		0.0	0.0	1.5	4.0	32.0	0.0
15	0.0	0.0	17.0	0.0	39.3		0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	4.9	19.9		0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0		22.0	0.0	0.0	28.0	0.0	0.0
18	0.0	0.0	5.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
19	5.0	0.0	0.0	3.0	14.0		0.0	0.0	0.0	0.0	0.0	0.0
20	14.0	0.0	0.0	65.0	36.1		7.0	0.0	10.1	0.0	21.0	0.0
21	0.0	0.0	0.0	1.0	76.0		0.0	0.0	21.0	0.0	0.0	0.0
22	4.0	0.0	0.0	1.7	16.0		2.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	9.0	0.0		0.0	0.0	5.0	7.0	17.0	0.0
24	0.0	0.0	0.0	31.8	0.0		4.4	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	2.0	11.4	0.0		35.0	0.0	0.0	0.0	0.0	0.0
26	4.0	0.0	4.0	0.0	0.0		21.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	35.5	0.0		0.0	0.0	0.0	32.0	0.0	0.0
28	0.0	6.0	1.0	1.7	0.0		19.0	27.0	0.0	53.0	0.0	5.0
29	0.0	0.0	0.0	5.0	0.0		3.0	0.0	0.0	0.0	9.0	8.0
30	0.0	0.0	8.0	9.5	0.0		49.0	9.0	5.5	5.0	24.0	11.0
31	0.0	0.0	18.0	0.0	0.0		34.0	13.0	0.0	18.0	0.0	0.0
Total D. Lt.	96.0	55.0	205.0	222.5	310.4		355.9	197.0	131.3	340.0	189.5	77.0
TOTALES ANUALES												Días lluvia
												mm.

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

ESTACION: JAVA

MUNICIPIO: MANIZALES

AÑO: 1.987

ALTITUD: 1.780

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	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	5.0		
2	0.0	0.0	6.0	19.0	0.0	0.0	0.0	10.0	0.0	0.0	11.0	0.0		
3	0.0	0.0	1.0	4.0	0.0	0.0	2.0	0.0	0.0	24.0	3.0	0.0		
4	0.0	0.0	2.0	15.0	9.0	0.0	0.0	3.0	28.0	15.0	2.0	12.0		
5	0.0	5.0	16.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	1.0	35.0		
6	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	0.0	0.0		
7	0.0	0.0	3.0	0.0	1.0	4.0	5.0	0.0	0.0	26.0	0.0	0.0		
8	0.0	0.0	26.0	10.0	0.0	0.0	4.0	0.0	0.0	37.0	0.0	0.0		
9	0.0	0.0	8.0	0.0	26.0	0.0	13.0	0.0	0.0	0.0	0.0	2.0		
10	0.0	0.0	0.0	0.0	0.0	13.0	0.0	1.0	0.0	0.0	0.0	0.0		
11	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0		
12	0.0	5.0	0.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	75.0	36.0	0.0	0.0		
14	0.0	2.0	0.0	0.0	31.0	5.0	0.0	0.0	0.0	15.0	55.0	0.0		
15	0.0	0.0	25.0	0.0	24.0	0.0	2.0	0.0	2.0	2.0	0.0	0.0		
16	0.0	0.0	2.0	0.0	20.0	0.0	8.0	0.0	2.0	30.0	0.0	0.0		
17	0.0	0.0	1.0	39.0	25.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0		
18	11.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0		
19	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	15.0	58.0	0.0		
20	0.0	0.0	0.0	3.0	2.0	0.0	5.0	0.0	7.0	8.0	47.0	0.0		
21	0.0	0.0	0.0	0.0	20.0	0.0	16.0	0.0	0.0	0.0	2.0	0.0		
22	2.0	0.0	0.0	0.0	32.0	1.0	0.0	0.0	12.0	0.0	0.0	0.0		
23	0.0	0.0	0.0	0.0	26.0	13.0	23.0	17.0	1.0	18.0	0.0	0.0		
24	0.0	0.0	0.0	44.0	0.0	0.0	0.0	0.0	3.0	2.0	21.0	0.0		
25	0.0	0.0	2.0	5.0	0.0	0.8	2.0	0.0	5.0	0.0	32.0	0.0		
26	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	10.0	27.0	0.0		
27	0.0	0.0	0.0	14.0	0.0	0.0	0.0	11.0	0.0	42.0	11.0	18.0		
28	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0		
29	0.0	0.0	0.0	13.0	0.0	0.0	4.0	0.0	10.0	40.0	26.0	41.0		
30	0.0	0.0	0.0	8.0	0.0	0.0	19.0	10.0	0.0	0.0	20.0	0.0		
31	0.0	0.0	20.0	0.0	0.0	0.0	51.0	4.0	0.0	15.0	0.0	0.0		
Total D. LL.	20.0 4	15.0 4	122.0 14	177.0 13	233.0 14	37.0 6	163.0 15	56.0 7	148.0 12	341.0 19	319.0 16	113.0 6		
TOTALES ANUALES											1744.0 mm.		130	Días lluvia

ESTACION: LA TRILLADORA
ALTITUD: 1.650

MUNICIPIO: MANIZALES
LATITUD: 5-06 N.

AÑO: 1.987
LONGITUD: 75-33 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1								0.0	2.0	0.0	0.0	2.0	
2								35.0	4.0	2.0	20.0	0.0	
3								1.0	1.0	24.0	0.0	15.0	
4								7.0	30.0	6.0	0.0	16.0	
5								1.0	3.0	0.0	0.0	3.0	
6								0.0	5.0	0.0	0.0	50.0	
7								0.0	0.0	4.0	0.0	0.0	
8								0.0	2.0	38.0	0.0	0.0	
9								0.0	0.0	0.0	0.0	0.0	
10								0.0	0.0	0.0	0.0	0.0	
11								25.0	1.0	0.0	0.0	0.0	
12								0.0	0.0	0.0	0.0	0.0	
13								0.0	15.0	20.0	25.0	0.0	
14								0.0	0.0	40.0	0.0	0.0	
15								0.0	2.0	15.0	0.0	0.0	
16								0.0	22.0	0.0	0.0	0.0	
17								0.0	0.0	0.0	0.0	0.0	
18								0.0	0.0	70.0	13.0	0.0	
19								0.0	5.0	0.0	9.0	0.0	
20								0.0	23.0	58.0	0.0	0.0	
21								0.0	1.0	0.0	2.0	0.0	
22								3.0	37.0	0.0	0.0	0.0	
23								0.0	1.0	0.0	10.0	0.0	
24								4.0	6.0	2.5	32.0	0.0	
25								0.0	2.0	2.5	4.0	0.0	
26								3.0	0.0	35.0	0.0	0.0	
27								5.0	0.0	45.0	0.0	20.0	
28								7.0	21.0	5.0	0.0	10.0	
29								1.0	42.0	42.0	20.0	48.0	
30								1.0	1.0	0.0	8.0	0.0	
31								1.0	0.0	0.0	0.0	0.0	
Total D. LL.								93.0 12	226.0 21	409.0 16	143.0 10	164.0 8	
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: LA SELVA

MUNICIPIO: MANIZALES

AÑO: 1.987

ALTITUD: 1.350

LATITUD: 5-07 N.

LONGITUD: 75 36 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	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	6.0	
3	0.0	0.0	10.0			0.0	0.0	20.0	0.0	34.0	33.0	0.0	
4	1.0	0.0	0.0			0.0	3.0	0.0	4.0	12.0	0.0	0.0	
5	0.0	0.0	40.0			23.0	1.0	0.0	37.0	7.0	0.0	60.0	
6	0.0	0.0	4.0			3.0	0.0	0.0	2.0	0.0	6.0	7.0	
7	10.0	0.0	0.0			0.0	0.0	0.0	0.0	24.0	0.0	42.0	
8	0.0	0.0	2.0			10.0	0.0	0.0	2.0	9.0	0.0	0.0	
9	0.0	0.0	2.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0			0.0	2.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	26.0			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	25.0	7.0			0.0	0.0	0.0	0.0	8.0	17.0	0.0	
14	0.0	0.0	0.0			4.0	0.0	0.0	21.0	17.0	4.0	0.0	
15	0.0	2.0	9.0			0.0	0.0	0.0	8.0	9.0	29.0	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	25.0	0.0	0.0	30.0	0.0	0.0	
18	10.0	2.0	0.0			0.0	25.0	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	30.0	0.0	
20	0.0	0.0	0.0			0.0	0.0	0.0	6.0	0.0	12.0	0.0	
21	0.0	0.0	0.0			0.0	2.0	0.0	11.0	29.0	42.0	0.0	
22	0.0	0.0	0.0			0.0	4.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0			0.0	0.0	0.0	19.0	0.0	0.0	0.0	
24	0.0	0.0	0.0			0.0	42.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0			0.0	2.0	0.0	4.0	0.0	56.0	0.0	
26	0.0	0.0	0.0			0.0	2.0	0.0	0.0	69.0	0.0	0.0	
27	0.0	0.0	0.0			0.0	3.0	35.0	0.0	26.0	0.0	0.0	
28	0.0	0.0	16.0			0.0	20.0	8.0	0.0	50.0	0.0	0.0	
29	0.0	0.0	0.0			0.0	2.0	0.0	8.0	10.0	0.0	15.0	
30	0.0	0.0	0.0			0.0	0.0	9.0	60.0	102.0	26.0	24.0	
31	0.0	0.0	0.0			0.0	38.0	0.0	2.0	0.0	10.0	0.0	
Total D. LL.	21.0 3	29.0 3	126.0 10			40.0 4	208.0 15	72.0 4	184.0 13	447.0 16	265.0 11	154.0 6	
TOTALES ANUALES												mm.	Días lluvia

ESTACION: PROVIDENCIA

MUNICIPIO: PALESTINA

AÑO: 1.987

ALTITUD: 1.250

LATITUD: 5-03 N.

LONGITUD: 75-12 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	1.0	0.0	0.0								
2	0.0	0.0	0.0	0.0	29.0	0.0	0.0	1.0	18.0	3.0	0.0	0.0	
3	0.0	0.0	0.0	3.0	20.0	0.0	0.0	0.0	1.0	0.0	32.0	0.0	
4	0.0	0.0	1.0	0.0	8.0	4.0	7.0	7.0	30.0	31.0	0.0	32.0	
5	0.0	0.0	28.0	0.0	0.0	0.0	3.0	13.0	4.0	0.0	0.0	0.0	
6	4.0	0.0	10.0	0.0	2.0	0.0	1.0	9.0	6.0	7.0	0.0	2.0	
7	12.0	4.0	9.0	0.0	14.0	0.0	3.0	13.0	4.0	17.0	0.0	0.0	
8	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	
9	0.0	0.0	5.0	0.0	8.0	0.0	24.0	0.0	2.0	0.0	0.0	0.0	
10	1.0	0.0	0.0	0.0	0.0	6.0	0.0	3.0	0.0	0.0	0.0	0.0	
11	2.0	0.0	0.0	3.0	1.0	1.0	0.0	19.0	0.0	66.0	0.0	0.0	
12	0.0	0.0	12.0	5.0	0.0	0.0	3.0	0.0	0.0	0.0	17.0	0.0	
13	0.0	7.0	1.0	0.0	10.0	0.0	0.0	0.0	0.0	5.0	21.0	0.0	
14	0.0	0.0	0.0	0.0	10.0	4.0	0.0	0.0	135.0	17.0	5.0	0.0	
15	0.0	0.0	20.0	0.0	71.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	1.0	19.0	0.0	0.0	5.0	0.0	2.0	0.0	0.0	0.0	
17	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
18	8.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	15.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	20.0	0.0	
20	3.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	
21	3.0	0.0	0.0	0.0	20.0	0.0	15.0	1.0	12.0	72.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	43.0	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	35.0	0.0	0.0	13.0	7.0	0.0	0.0	
24	0.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	4.0	0.0	0.0	27.0	2.0	0.0	0.0	0.0	0.0	1.0	25.0	0.0	
26	0.0	0.0	11.0	0.0	17.0	0.0	0.0	0.0	2.0	15.0	0.0	0.0	
27	7.0	0.0	16.0	94.0	0.0	0.0	35.0	5.0	0.0	15.0	0.0	11.0	
28	0.0	2.0	3.0	6.0	2.0	0.0	35.0	9.0	0.0	40.0	0.0	0.0	
29	0.0	0.0	0.0	6.0	1.0	3.0	50.0	0.0	47.0	7.0	0.0	0.0	
30	0.0	0.0	30.0	5.0	0.0	0.0	30.0	6.0	48.0	13.0	26.0	4.0	
31	0.0	0.0	30.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	45.0	0.0	
Total D. LL.	44.0 9	13.0 3	186.0 17	218.0 11	266.0 18	56.0 7	251.0 14	87.0 12	364.0 17	369.0 19	206.0 9	52.0 5	
TOTALES ANUALES												2112.0 mm.	141 Días lluvia

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

ESTACION: MONDOMO

MUNICIPIO: SANTANDER

AÑO: 1-987

ALTITUD: 1.300

LATITUD: 3-00 N.

LONGITUD: 76-2E 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	11.0	0.0	0.0	3.5	7.0	
2	0.0	0.0	0.0	17.5	5.5	0.0	12.0	0.0	0.0	0.0	2.0	0.0	
3	0.0	7.0	25.0	0.0	0.0	3.0	9.0	0.0	12.5	0.0	0.0	39.0	
4	0.0	0.0	0.0	0.0	94.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0	
5	0.0	0.0	54.0	0.0	10.0	0.0	0.0	0.0	0.0	8.0	0.0	3.5	
6	69.0	6.0	22.0	0.0	5.5	3.0	0.0	0.0	0.0	0.0	0.0	13.0	
7	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0	15.0	14.0	0.0	0.0	
8	0.0	0.0	0.0	2.0	0.0	0.0	3.0	0.0	3.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	5.0	24.0	0.0	0.0	0.0	0.0	10.0	0.0	47.0	0.0	0.0	
12	0.0	0.0	22.5	0.0	10.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
13	0.0	20.5	0.0	0.0	5.0	0.0	0.0	0.0	0.0	2.0	5.0	0.0	
14	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.0	23.0	0.0	
16	0.0	0.0	3.0	0.0	23.0	0.0	31.0	0.0	0.0	6.0	6.5	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	13.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	3.0	0.0	
19	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	26.0	2.0	24.0	0.0	
20	3.5	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	
21	0.0	0.0	0.0	5.0	63.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	37.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	19.5	0.0	0.0	
24	0.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0	0.0	8.5	17.0	0.0	
25	0.0	0.0	12.0	4.0	10.0	0.0	0.0	0.0	12.5	6.0	0.0	0.0	
26	0.0	0.0	19.0	15.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	27.0	
27	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	8.0	4.0	0.0	0.0	
28	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	68.0	8.0	12.0	0.0	
29	0.0	0.0	5.5	6.0	0.0	0.0	28.0	4.0	0.0	13.0	20.0	2.0	
30	0.0	0.0	2.0	0.0	0.0	0.0	5.5	0.0	38.0	5.0	13.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	
Total D. LL.	72.5	42.5	139.0	120.5	242.5	8.0	106.5	25.0	220.0	284.0	162.0	93.5	
	2	5	10	13	12	3	8	3	9	19	13	7	
TOTALES ANUALES							1566.0 mm.				104		Días lluvia

ESTACION: LA TRINIDAD

MUNICIPIO: FIENDAMO

AÑO: 1-987

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	0.0	0.0	0.0	34.0	3.0	4.0	0.0	26.0	2.0	38.0	1.0	6.0	
2	7.0	0.0	0.0	53.0	12.0	1.0	0.0	3.0	0.0	3.0	0.0	12.0	
3	7.0	0.0	0.0	3.0	4.0	1.0	3.0	2.0	4.0	5.0	2.0	43.0	
4	0.0	9.0	0.0	0.0	3.0	3.0	4.0	0.0	10.0	21.0	0.0	21.0	
5	0.0	0.0	29.0	0.0	58.0	9.0	0.0	1.0	0.0	1.0	2.0	12.0	
6	8.0	7.0	0.0	1.0	17.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	
7	23.0	0.0	11.0	0.0	0.0	1.0	0.0	0.0	2.0	15.0	0.0	1.0	
8	0.0	0.0	23.0	0.0	2.0	0.0	2.0	24.0	3.0	4.0	0.0	0.0	
9	0.0	0.0	14.0	0.0	5.0	0.0	0.0	0.0	5.0	3.0	0.0	0.0	
10	3.0	0.0	0.0	2.0	10.0	2.0	0.0	4.0	5.0	22.0	22.0	0.0	
11	14.0	11.0	2.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	4.0	0.0	
12	0.0	0.0	6.0	0.0	0.0	0.0	0.0	3.0	6.0	12.0	3.0	0.0	
13	0.0	60.0	17.0	0.0	9.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
14	0.0	8.0	0.0	2.0	0.0	5.0	3.0	0.0	43.0	12.0	4.0	0.0	
15	0.0	0.0	7.0	0.0	15.0	0.0	0.0	0.0	4.0	33.0	8.0	0.0	
16	0.0	1.0	4.0	0.0	45.0	0.0	1.0	0.0	0.0	77.0	10.0	0.0	
17	0.0	0.0	0.0	2.0	0.0	14.0	32.0	0.0	0.0	0.0	43.0	0.0	
18	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
19	0.0	3.0	0.0	0.0	2.0	0.0	4.0	0.0	0.0	3.0	4.0	0.0	
20	0.0	0.0	0.0	0.0	47.0	0.0	0.0	0.0	5.0	0.0	16.0	0.0	
21	3.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	8.0	0.0	6.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	
23	3.0	11.0	3.0	0.0	11.0	0.0	2.0	0.0	33.0	0.0	3.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	5.0	6.0	0.0	15.0	67.0	8.0	0.0	
25	0.0	0.0	4.0	22.0	0.0	0.0	0.0	0.0	16.0	22.0	8.0	0.0	
26	0.0	0.0	0.0	6.0	22.0	0.0	2.0	0.0	0.0	22.0	17.0	0.0	
27	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	
28	0.0	0.0	8.0	7.0	0.0	0.0	0.0	0.0	3.0	3.0	0.0	5.0	
29	0.0	0.0	0.0	19.0	0.0	0.0	17.0	3.0	68.0	21.0	4.0	3.0	
30	0.0	0.0	31.0	2.0	0.0	0.0	1.0	0.0	3.0	2.0	18.0	0.0	
31	31.0	0.0	4.0	0.0	0.0	0.0	6.0	0.0	0.0	5.0	0.0	0.0	
Total D. LL.	108.0	110.0	166.0	174.0	314.0	45.0	83.0	71.0	227.0	418.0	205.0	104.0	
	11	8	14	13	19	10	13	9	17	24	21	9	
TOTALES ANUALES							2025.0 mm.				168		Días lluvia

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

ESTACION: PORTACHUELO

MUNICIPIO: ROSAS

AÑO: 1.987

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	31.0	0.0	2.0	0.0	8.5	0.0	39.5	2.0	6.0
2	0.0	2.0	0.0	24.0	2.0	0.0	0.0	4.0	0.0	0.0	0.0	3.5
3	0.0	0.0	13.0	0.0	47.0	0.0	3.0	1.0	0.0	0.0	1.5	4.0
4	0.0	0.0	18.0	0.0	2.0	18.0	2.5	18.0	22.0	10.0	0.0	30.0
5	28.0	0.0	7.5	7.0	27.0	2.0	3.0	0.0	11.5	23.0	0.0	0.0
6	11.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	1.0
7	47.5	0.0	50.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	9.5	2.0
8	0.0	14.5	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
9	28.0	0.0	2.0	0.0	4.0	0.0	0.0	2.0	0.0	33.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	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	3.5	12.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
13	0.0	29.0	6.5	0.0	8.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0
14	0.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	32.0	0.0
15	0.0	0.0	0.0	0.0	13.5	0.0	0.0	0.0	9.0	34.5	35.5	0.0
16	0.0	0.0	8.0	0.0	15.5	0.0	0.0	0.0	0.0	0.0	45.5	0.0
17	0.0	0.0	0.0	0.0	2.0	0.0	2.5	0.0	0.0	11.0	32.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	4.0	0.0
19	0.0	1.0	0.0	0.0	32.0	0.0	3.0	0.0	0.0	29.5	14.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	11.5	0.0
21	6.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0
22	78.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	9.5	14.5	0.0	0.0
23	0.0	0.0	0.0	0.0	48.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	2.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	7.0	11.5	19.0	0.0
26	4.0	0.0	1.0	7.5	4.0	0.0	7.0	0.0	0.0	3.0	21.0	0.0
27	0.0	0.0	2.0	8.0	0.0	0.0	0.0	0.0	1.0	23.0	14.5	0.0
28	0.0	0.0	36.0	38.0	0.0	0.0	0.0	0.0	0.0	29.5	0.0	0.0
29	0.0	0.0	0.0	16.0	0.0	0.0	1.0	0.0	0.0	3.5	0.0	0.0
30	0.0	0.0	26.0	0.0	0.0	0.0	5.0	0.0	30.5	26.5	15.0	0.0
31	0.0	0.0	4.0	0.0	0.0	0.0	1.0	0.0	0.0	25.0	7.5	0.0
Total D. L.I.	204.5	59.5	204.0	139.5	267.0	24.5	63.5	35.5	115.5	475.5	267.0	54.5
	8	6	14	8	15	4	11	6	10	23	15	6
TOTALES ANUALES												
1910.5 mm.												
Dias lluvia 126												

ESTACION: INSTITUTO TECNICO

MUNICIPIO: SANTANDER

AÑO: 1.987

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	0.0	0.0	17.0	0.0	0.0	0.0	13.0	6.0	34.0	7.0	38.0
2	0.0	0.0	0.0	10.0	2.0	0.0	0.0	1.0	0.0	0.0	0.0	3.0
3	0.0	1.0	0.0	0.0	22.0	30.0	0.0	0.0	0.0	0.0	3.0	25.0
4	0.0	0.0	44.0	0.0	0.0	5.0	0.0	0.0	12.0	0.0	0.0	6.0
5	0.0	0.0	0.0	0.0	71.0	0.0	0.0	0.0	0.0	2.0	0.0	4.0
6	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	3.0	2.0
7	0.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
8	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
9	0.0	0.0	1.0	0.0	0.0	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	4.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	1.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	78.0	11.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	2.0	46.0	4.0	0.0	14.0	0.0	0.0	20.0	12.0	0.0	0.0	0.0
14	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	34.0	0.0
15	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	5.0	9.0	8.0	0.0
16	4.0	0.0	2.0	0.0	4.0	0.0	0.0	0.0	0.0	7.0	25.0	0.0
17	0.0	0.0	0.0	0.0	1.0	0.0	26.0	0.0	0.0	50.0	17.0	0.0
18	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
19	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	2.0	25.0	0.0
20	18.0	0.0	0.0	0.0	82.0	0.0	0.0	0.0	17.0	0.0	4.0	0.0
21	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	1.0	0.0	16.0	0.0
22	5.0	0.0	0.0	0.0	56.0	0.0	14.0	0.0	0.0	13.0	0.0	0.0
23	0.0	0.0	0.0	3.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	6.0	0.0	2.0	0.0	0.0	5.0	1.0	0.0	0.0
25	0.0	0.0	1.0	10.0	0.0	0.0	0.0	0.0	1.0	25.0	40.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	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	10.0	11.0	0.0	0.0	0.0	0.0	0.0	81.0	0.0	0.0
29	0.0	0.0	0.0	29.0	0.0	0.0	6.0	0.0	40.0	3.0	0.0	12.0
30	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	23.0	0.0	10.0	0.0
31	4.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	26.0	0.0	25.0	0.0
Total D. L.I.	57.0	129.0	151.0	86.0	316.0	41.0	83.0	34.0	150.0	262.0	229.0	90.0
	6	5	11	7	13	4	6	3	12	16	14	7
TOTALES ANUALES												
1628.0 mm.												
Dias lluvia 104												

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

ESTACION: SECRETARIA DE AGRICULTURA MUNICIPIO: LA PALMA AÑO: 1-987

ALTITUD: 1.250 LATITUD: 5-21 N. LONGITUD: 74-23 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	0.0	0.0	4.0	0.0	16.0	0.0	0.0	52.0	0.0	3.0	0.0	0.0		
2	2.0	0.0	57.0	0.0	22.0	0.0	10.0	12.0	28.0	10.0	0.0	8.0		
3	0.0	0.0	0.0	2.0	6.0	0.0	0.0	8.0	32.0	6.0	20.0	14.0		
4	0.0	0.0	4.0	0.0	17.0	10.0	35.0	14.0	40.0	44.0	0.0	2.0		
5	28.0	0.0	0.0	0.0	4.0	4.0	0.0	2.0	28.0	3.0	0.0	18.0		
6	0.0	0.0	0.0	9.0	3.0	9.0	0.0	20.0	9.0	0.0	0.0	0.0		
7	0.0	0.0	0.0	0.0	9.0	3.0	0.0	0.0	0.0	27.0	12.0	0.0		
8	0.0	6.0	10.0	0.0	0.0	16.0	3.0	0.0	0.0	15.0	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	40.0	0.0	20.0	0.0	0.0	0.0	2.0	0.0	8.0	0.0	3.0		
11	9.0	0.0	0.0	18.0	0.0	0.0	0.0	12.0	52.0	0.0	0.0	0.0		
12	11.0	0.0	0.0	32.0	2.0	0.0	1.0	4.0	12.0	0.0	13.0	0.0		
13	0.0	0.0	0.0	3.0	6.0	0.0	0.0	0.0	6.0	2.0	9.0	12.0		
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	26.0	0.0		
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0		
16	6.0	0.0	0.0	4.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	8.0		
17	3.0	0.0	0.0	5.0	7.0	12.0	10.0	0.0	2.0	0.0	0.0	0.0		
18	0.0	0.0	11.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	10.0	0.0	14.0	0.0	10.0	0.0	0.0	40.0	0.0	0.0		
20	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	52.0	8.0	12.0		
21	0.0	0.0	0.0	0.0	27.0	0.0	14.0	0.0	5.0	9.0	14.0	0.0		
22	0.0	2.0	0.0	2.0	40.0	0.0	20.0	0.0	3.0	0.0	0.0	0.0		
23	14.0	0.0	0.0	0.0	22.0	0.0	6.0	0.0	10.0	0.0	0.0	0.0		
24	0.0	0.0	2.0	0.0	9.0	0.0	68.0	0.0	0.0	30.0	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	20.0	38.0		
26	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	42.0	10.0	0.0		
27	20.0	0.0	0.0	45.0	0.0	0.0	7.0	0.0	45.0	12.0	16.0	18.0		
28	6.0	0.0	0.0	11.0	0.0	0.0	14.0	0.0	0.0	20.0	3.0	0.0		
29	0.0	0.0	37.0	14.0	0.0	0.0	0.0	0.0	16.0	8.0	0.0	0.0		
30	0.0	0.0	21.0	8.0	0.0	0.0	42.0	6.0	0.0	0.0	4.0	0.0		
31	6.0	0.0	0.0	0.0	0.0	0.0	14.0	5.0	0.0	0.0	0.0	0.0		
Total D. LL.	105.0	48.0	156.0	183.0	244.0	54.0	284.0	137.0	288.0	385.0	155.0	133.0		
	10	3	9	14	17	6	15	11	14	21	12	10		
TOTALES ANUALES											2172.0 mm.		142	Dias lluvia

ESTACION: LA FLORIDA MUNICIPIO: VERGARA AÑO: 1-987

ALTITUD: LATITUD: 5-08 N. LONGITUD: 74-21 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	41.0	0.0	0.0	3.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	2.0		
2	0.0	0.0	0.0	31.0	1.0	4.0	0.0	3.0	27.0	8.0	0.0	0.0		
3	0.0	0.0	27.0	13.0	16.0	0.0	0.0	2.0	8.0	14.0	35.0	0.0		
4	23.0	0.0	2.0	15.0	5.0	0.0	0.0	0.0	0.0	9.0	1.0	30.0		
5	0.0	0.0	0.0	0.0	28.0	15.0	0.0	0.0	13.0	5.0	0.0	0.0		
6	9.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	2.0	12.0	15.0	47.0		
7	5.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0	61.0	0.0	0.0		
8	19.0	26.0	0.0	0.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0		
9	15.0	0.0	0.0	0.0	1.0	0.0	1.0	3.0	0.0	4.0	0.0	0.0		
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0		
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	37.0	0.0	0.0		
12	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	29.0	0.0		
13	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	3.0	60.0	0.0	0.0		
14	0.0	2.0	33.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0	27.0	0.0		
15	0.0	0.0	2.0	3.0	0.0	0.0	0.0	0.0	1.0	0.0	4.0	0.0		
16	0.0	0.0	1.0	0.0	51.0	0.0	0.0	1.0	0.0	19.0	1.0	0.0		
17	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0		
18	0.0	0.0	0.0	0.0	2.0	0.0	3.0	0.0	0.0	0.0	61.0	0.0		
19	46.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	24.0	8.0	0.0		
20	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	4.0	61.0	1.0	0.0		
21	5.0	0.0	0.0	0.0	43.0	0.0	4.0	0.0	0.0	8.0	3.0	0.0		
22	4.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
23	0.0	0.0	0.0	0.0	14.0	0.0	9.0	0.0	0.0	22.0	5.0	0.0		
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0		
25	0.0	0.0	1.0	5.0	0.0	0.0	3.0	0.0	0.0	39.0	0.0	0.0		
26	6.0	0.0	0.0	8.0	5.0	0.0	0.0	0.0	15.0	68.0	72.0	0.0		
27	0.0	0.0	0.0	49.0	5.0	0.0	0.0	0.0	0.0	11.0	65.0	0.0		
28	0.0	0.0	12.0	3.0	0.0	0.0	40.0	0.0	49.0	8.0	48.0	6.0		
29	0.0	0.0	32.0	9.0	0.0	0.0	5.0	0.0	8.0	38.0	0.0	0.0		
30	0.0	0.0	2.0	32.0	0.0	0.0	0.0	0.0	5.0	16.0	7.0	1.0		
31	51.0	0.0	0.0	0.0	0.0	0.0	27.0	0.0	0.0	3.0	0.0	9.0		
Total D. LL.	224.0	58.0	128.0	179.0	253.0	53.0	92.0	21.0	181.0	533.0	391.0	95.0		
	11	3	11	12	14	3	8	6	14	24	18	6		
TOTALES ANUALES											2208.0 mm.		130	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 RICSECOANO

1.987

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	18.3	0.0	0.0	0.0	3.8	4.2	0.0	0.0	0.0	28.2	0.0	27.9	
2	0.0	0.0	0.0	25.2	0.0	0.0	2.8	2.3	0.0	40.7	0.0	0.0	
3	0.0	0.0	0.0	15.3	5.2	0.0	3.2	4.4	23.4	16.5	0.0	0.0	
4	0.0	0.0	20.1	0.0	0.0	1.0	0.0	0.0	1.3	9.3	10.2	17.1	
5	0.0	0.0	0.0	17.1	13.7	0.0	2.6	0.0	0.0	3.8	0.0	0.0	
6	0.0	0.0	0.0	0.0	16.8	0.0	0.0	0.0	7.8	0.0	0.0	28.4	
7	1.4	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	
8	2.7	0.0	0.0	0.0	0.0	3.2	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	5.4	0.0	0.0	46.8	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	16.9	5.6	0.0	0.0	0.0	3.2	0.0	18.1	69.5	3.2	0.0	
15	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0	70.2	1.4	43.7	0.0	
16	0.0	0.0	1.4	12.3	8.6	0.0	0.0	0.0	0.0	9.8	3.8	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	6.2	0.0	0.0	
18	0.0	0.0	0.0	15.2	0.0	0.0	0.0	0.0	0.0	33.1	7.4	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	
20	5.2	0.0	0.0	0.0	8.2	0.0	0.0	0.0	0.0	2.1	3.6	0.0	
21	0.0	0.0	12.6	0.0	0.0	0.0	0.0	0.0	5.4	4.8	0.0	0.0	
22	5.4	0.0	0.0	0.0	23.4	2.4	2.3	0.0	6.2	66.4	5.7	0.0	
23	0.0	0.0	0.0	0.0	30.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	3.2	0.0	0.0	2.4	0.0	2.3	2.8	2.6	0.0	
25	0.0	0.0	12.7	0.0	0.0	0.0	0.0	0.0	4.2	0.0	6.3	0.0	
26	2.7	0.0	2.8	7.3	16.7	0.0	4.2	0.0	15.1	69.4	11.4	0.0	
27	0.0	0.0	0.0	48.5	0.0	0.0	0.0	0.0	2.4	0.0	41.4	0.0	
28	0.0	0.0	18.6	0.0	0.0	0.0	3.6	0.0	0.0	0.0	2.3	0.0	
29	0.0	0.0	0.0	10.2	0.0	0.0	29.0	0.0	0.0	7.4	0.0	0.0	
30	0.0	0.0	17.5	0.0	0.0	0.0	0.0	0.0	2.8	18.3	0.0	0.0	
31	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.3	0.0	33.7	2.3	
Total D.LL	40.5	16.9	97.0	154.3	126.7	14.0	95.0	10.5	184.7	572.6	175.3	75.7	
TOTALES ANUALES	7	1	9	9	9	5	13	3	14	20	13	4	
											1563.2 mm.	107	Dias lluvia

ESTACION: EL PARAISO

MUNICIPIO: CAPARRAPI

AÑO: 1.987

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	10.0	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	10.0	20.0	0.0	4.0	0.0	11.0	20.0	25.0	0.0	0.0	
3	0.0	0.0	30.0	25.0	15.0	0.0	0.0	74.0	40.0	43.0	0.0	0.0	
4	5.0	0.0	0.0	0.0	5.0	0.0	23.0	0.0	40.0	45.0	10.0	11.0	
5	0.0	0.0	0.0	10.0	22.0	0.0	0.0	9.0	0.0	10.0	0.0	10.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	27.0	15.0	0.0	20.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	24.0	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	36.0	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	66.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	63.0	0.0	0.0	
15	0.0	0.0	12.0	0.0	10.0	0.0	0.0	0.0	40.0	60.0	18.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	25.0	0.0	0.0	
17	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	6.0	0.0	
18	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	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	23.0	0.0	76.0	13.0	0.0	5.0	0.0	0.0	23.0	40.0	0.0	
22	35.0	0.0	0.0	0.0	20.0	5.0	0.0	0.0	0.0	12.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	45.0	15.0	0.0	0.0	
24	0.0	0.0	25.0	0.0	0.0	0.0	5.0	0.0	0.0	33.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	20.0	50.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	53.0	10.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	15.0	0.0	
29	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	63.0	0.0	0.0	
30	0.0	0.0	0.0	27.0	17.0	0.0	25.0	0.0	46.0	8.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	20.0	6.0	0.0	4.0	0.0	0.0	
Total D.LL	55.0	58.0	77.0	187.0	102.0	9.0	131.0	141.0	238.0	678.0	222.0	100.0	
TOTALES ANUALES	3	3	4	7	7	2	8	6	9	23	9	4	
											1998.0 mm.	85	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: 1.987

ALTITUD: 1.665

LATITUD: 4-59 N.

LONGITUD: 74-17 W.

DÍAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1							0.0	2.0	0.0	28.0	10.0	8.0	
2							0.0	0.0	0.0	10.0	19.0	0.0	
3							12.0	0.0	5.0	0.0	2.0	12.0	
4							0.0	0.0	0.0	0.0	0.0	6.0	
5							0.0	0.0	20.0	8.0	0.0	35.0	
6							0.0	0.0	0.0	2.0	0.0	15.0	
7							0.0	0.0	0.0	0.0	0.0	0.0	
8							2.0	0.0	0.0	5.0	0.0	0.0	
9							1.0	0.0	0.0	0.0	0.0	0.0	
10							0.0	0.0	0.0	0.0	0.0	0.0	
11							0.0	0.0	0.0	18.0	0.0	0.0	
12							0.0	0.0	30.0	0.0	0.0	0.0	
13							0.0	0.0	16.0	31.0	0.0	0.0	
14							3.0	0.0	0.0	0.0	0.0	0.0	
15							0.0	0.0	0.0	5.0	12.0	0.0	
16							0.0	0.0	0.0	0.0	7.0	0.0	
17							0.0	0.0	0.0	4.0	10.0	0.0	
18							0.0	0.0	0.0	5.0	7.0	0.0	
19							0.0	0.0	0.0	3.0	9.0	0.0	
20							0.0	0.0	11.0	0.0	11.0	0.0	
21							0.0	0.0	0.0	8.0	0.0	0.0	
22							0.0	0.0	0.0	0.0	0.0	0.0	
23							0.0	0.0	0.0	23.0	0.0	0.0	
24							2.5	0.0	0.0	0.0	0.0	0.0	
25							0.0	0.0	10.0	4.3	0.0	0.0	
26							0.0	0.0	0.0	2.0	24.0	0.0	
27							5.0	0.0	14.0	24.0	29.0	0.0	
28							0.0	0.0	6.0	39.0	19.0	0.0	
29							0.0	0.0	11.0	32.0	15.0	0.0	
30							0.0	0.0	0.0	18.0	10.0	0.0	
31							10.0	0.0	0.0	17.0	0.0	0.0	
Total D. LL.							35.5 7	2.0 1	123.0 9	325.0 20	184.0 14	76.0 5	
TOTALES ANUALES											mm.		Días lluvia

ESTACION: EL TRIANGULO
ALTITUD: 1.500

MUNICIPIO: SASAIMA
LATITUD: 4-58 N.

AÑO: 1.987
LONGITUD: 74-26 W.

DÍAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	4.0	0.0	0.0	22.0	3.0	0.0	0.0	10.0	0.0	26.0	6.0	8.0	
2	0.0	0.0	10.0	74.0	0.0	0.0	0.0	2.0	0.0	54.0	4.0	6.0	
3	0.0	0.0	0.0	6.0	23.0	0.0	6.0	2.0	6.0	8.0	12.0	6.0	
4	14.0	0.0	8.0	0.0	21.0	2.0	10.0	0.0	6.0	6.0	0.0	8.0	
5	8.0	0.0	0.0	10.0	36.0	0.0	6.0	0.0	8.0	0.0	0.0	3.0	
6	10.0	0.0	0.0	0.0	75.0	0.0	0.0	0.0	38.0	16.0	6.0	0.0	
7	36.0	0.0	0.0	0.0	4.0	8.0	0.0	0.0	0.0	5.0	0.0	4.0	
8	18.0	1.0	0.0	0.0	0.0	0.0	8.0	10.0	0.0	40.0	0.0	22.0	
9	10.0	2.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	6.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	
11	1.0	2.0	0.0	0.0	0.0	12.0	2.0	20.0	0.0	7.0	0.0	0.0	
12	0.0	4.0	4.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	6.0	0.0	
13	0.0	2.0	2.0	0.0	1.0	0.0	0.0	0.0	6.0	68.0	16.0	0.0	
14	0.0	2.0	4.0	0.0	5.0	0.0	9.0	0.0	6.0	0.0	6.0	0.0	
15	0.0	0.0	4.0	32.0	1.0	0.0	0.0	0.0	2.0	0.0	40.0	0.0	
16	0.0	0.0	4.0	22.0	1.0	0.0	0.0	0.0	0.0	4.0	22.0	0.0	
17	0.0	0.0	4.0	18.0	71.0	0.0	2.0	0.0	0.0	26.0	42.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	30.0	6.0	0.0	
19	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	60.0	6.0	0.0	
20	0.0	2.0	0.0	0.0	26.0	0.0	0.0	0.0	8.0	4.0	0.0	0.0	
21	0.0	0.0	0.0	1.0	19.0	0.0	0.0	0.0	14.0	36.0	0.0	0.0	
22	4.0	0.0	0.0	1.0	34.0	0.0	0.0	0.0	0.0	6.0	6.0	0.0	
23	20.0	0.0	0.0	8.0	46.0	10.0	0.0	0.0	0.0	8.0	0.0	0.0	
24	0.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	0.0	94.0	0.0	
25	0.0	0.0	0.0	10.0	0.0	0.0	6.0	0.0	0.0	16.0	12.0	0.0	
26	18.0	0.0	6.0	30.0	2.0	0.0	4.0	0.0	0.0	61.0	14.0	0.0	
27	38.0	0.0	0.0	20.0	15.0	0.0	8.0	0.0	6.0	54.0	0.0	0.0	
28	0.0	0.0	6.0	54.0	0.0	0.0	28.0	0.0	0.0	4.0	6.0	0.0	
29	0.0	0.0	32.0	11.0	0.0	0.0	10.0	0.0	20.0	26.0	2.0	0.0	
30	0.0	0.0	12.0	12.0	0.0	0.0	4.0	0.0	10.0	12.0	0.0	15.0	
31	16.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	0.0	56.0	0.0	0.0	
Total D. LL.	203.0 14	15.0 7	132.0 12	333.0 17	383.0 17	32.0 4	153.0 16	59.0 7	158.0 13	633.0 24	306.0 18	94.0 10	
TOTALES ANUALES											2501.0 mm.		Días lluvia

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

ESTACION: ICALI

MUNICIPIO: SASAIMA

AÑO:

1.987

ALTITUD: 1.380

LATITUD: 4-57 N.

LONGITUD: 74-25 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	0.0	0.0	8.0	24.0	0.0	0.0	0.0	4.0	0.0	50.0	0.0	3.5		
2	0.0	0.0	0.0	7.0	29.0	0.0	0.0	14.0	7.0	3.0	11.0	50.0		
3	13.0	0.0	11.0	6.0	7.0	0.0	7.0	0.0	4.5	10.0	0.0	2.5		
4	5.0	0.0	0.0	14.0	54.0	3.0	10.0	1.0	0.0	2.0	0.5	2.0		
5	6.0	0.0	0.0	0.0	42.0	7.0	0.0	0.0	28.0	6.0	5.5	5.0		
6	14.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	1.0	0.0	0.0		
7	4.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	22.0	0.0	3.0		
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	1.5	0.0	27.5		
9	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	1.0	0.0	0.0		
10	15.0	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	11.0	51.0	0.0	1.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0		
12	0.0	0.0	3.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0		
13	0.0	4.0	0.0	0.0	3.5	0.0	10.0	0.0	22.0	100.0	4.0	0.0		
14	0.0	0.0	10.0	13.0	0.0	10.0	0.0	8.5	0.0	0.0	10.0	0.0		
15	0.0	0.0	0.0	0.0	21.0	0.0	10.0	0.0	0.0	7.0	0.0	0.0		
16	0.0	0.0	4.0	18.0	18.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0		
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	45.5	0.0		
18	35.0	0.0	0.0	0.0	0.0	0.0	25.5	0.0	0.0	40.0	12.0	0.0		
19	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0	31.0	54.0	11.0	0.0		
20	0.0	0.0	0.0	3.0	8.0	0.0	0.0	0.0	17.5	4.0	0.0	0.0		
21	0.0	0.0	0.0	6.0	22.0	0.5	0.0	0.0	39.0	7.0	0.0	0.0		
22	0.0	0.0	0.0	11.0	52.0	2.0	0.0	0.0	0.0	0.5	0.0	0.0		
23	12.0	0.0	0.0	10.0	0.0	11.0	1.5	0.0	0.0	8.5	0.0	0.0		
24	0.0	0.0	0.0	7.0	0.0	4.5	0.5	0.0	0.0	4.5	58.0	0.0		
25	19.0	0.0	4.0	10.0	2.0	0.0	0.0	0.0	0.0	58.0	0.0	0.0		
26	29.0	0.0	0.0	9.5	13.5	0.0	2.0	0.0	3.5	62.0	73.0	0.0		
27	0.0	0.0	4.0	0.0	0.0	0.0	2.0	0.0	0.0	34.0	7.0	0.0		
28	0.0	0.0	30.0	11.0	0.0	0.0	20.0	0.0	14.5	7.5	25.0	25.0		
29	0.0	0.0	41.0	46.0	0.0	0.0	3.0	0.0	26.0	24.0	0.0	0.0		
30	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	7.0	11.5	0.0	1.0		
31	0.0	0.0	13.0	0.0	0.0	0.0	36.0	0.0	13.5	55.5	0.0	0.0		
Total	152.0	46.0	179.0	195.5	306.0	37.5	148.0	27.0	223.5	609.5	266.5	119.5		
D. LI.	10	3	11	15	15	6	17	5	14	30	13	9		
TOTALES ANUALES												2310.0 mm.	148	Dias lluvia

ESTACION: VIANI

MUNICIPIO: VIANI

AÑO:

1.987

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	18.0	0.0	2.0	0.0	2.0	0.0	0.0	0.0	0.0		
2	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	16.0	50.0	0.0	0.0		
3	0.0	0.0	0.0	15.0	15.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0		
4	0.0	0.0	0.0	0.0	18.0	5.0	0.0	0.0	0.0	10.0	3.0	5.0		
5	15.0	0.0	0.0	36.0	8.0	0.0	0.0	0.0	65.0	15.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0		
7	0.0	0.0	0.0	0.0	0.0	0.0	4.0	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	5.0	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	30.0		
10	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	65.0	0.0	0.0		
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	11.0		
12	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.0	0.0	0.0	0.0		
13	0.0	0.0	14.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	15.0	0.0		
14	0.0	0.0	20.0	0.0	0.0	4.0	0.0	0.0	0.0	50.0	20.0	0.0		
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0		
16	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	22.0	0.0	5.0	0.0		
17	0.0	0.0	0.0	0.0	5.0	0.0	1.0	0.0	0.0	0.0	15.0	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	6.0	2.0	0.0	0.0	0.0	0.0	0.0		
20	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0		
21	0.0	10.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	21.0	0.0	0.0		
22	15.0	5.0	0.0	0.0	20.0	0.0	0.0	0.0	10.0	0.0	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	0.0	11.0	5.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0		
25	0.0	0.0	40.0	0.0	35.0	10.0	0.0	0.0	0.0	38.0	0.0	0.0		
26	0.0	0.0	25.0	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	4.0	0.0	0.0		
28	0.0	0.0	16.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.0	0.0	41.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
30	0.0	0.0	9.0	35.0	0.0	1.0	0.0	0.0	56.0	15.0	0.0	0.0		
31	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	10.0	0.0		
Total	105.0	15.0	165.0	150.0	174.0	28.0	19.0	2.0	245.0	301.0	136.0	52.0		
D. LI.	4	2	7	7	11	6	6	1	8	12	8	4		
TOTALES ANUALES												1392.0 mm.	76	Dias lluvia

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

ESTACION: EL REFUGIO

MUNICIPIO: LA MESA

AÑO:

1.987

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	29.0	0.0	0.0	14.0	0.0	0.0	0.0	14.0	0.0	28.0	10.0	4.0	
2	0.0	0.0	0.0	8.0	15.0	6.0	0.0	9.0	0.0	36.0	6.0	0.0	
3	0.0	0.0	0.0	16.0	18.0	3.0	2.0	0.0	0.0	0.0	5.0	8.0	
4	4.0	0.0	12.0	0.0	16.0	0.0	0.0	3.0	0.0	60.0	0.0	12.0	
5	3.0	0.0	10.0	60.0	8.0	0.0	0.0	6.0	17.0	0.0	0.0	9.0	
6	40.0	0.0	0.0	0.0	10.0	10.0	15.0	0.0	0.0	0.0	0.0	7.0	
7	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	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	27.0	0.0	0.0	
9	25.0	0.0	0.0	0.0	0.0	11.0	0.0	2.0	0.0	0.0	0.0	0.0	
10	0.0	7.0	0.0	0.0	25.0	0.0	0.0	4.0	0.0	22.0	0.0	0.0	
11	15.0	0.0	34.0	10.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	29.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	
13	0.0	0.0	24.0	0.0	20.0	0.0	0.0	0.0	10.0	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	11.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	24.0	11.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	12.0	18.0	12.0	0.0	
17	0.0	6.0	0.0	0.0	0.0	9.0	10.0	0.0	0.0	10.0	8.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	5.0	0.0	
19	0.0	0.0	10.0	0.0	0.0	0.0	8.0	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	14.0	10.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	19.0	0.0	
22	12.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	40.0	0.0	7.0	0.0	0.0	4.0	17.0	0.0	
24	0.0	0.0	0.0	0.0	15.0	0.6	9.6	0.0	0.0	24.0	13.0	0.0	
25	0.0	0.0	0.0	0.0	16.0	0.6	5.0	0.0	0.0	10.0	0.0	0.0	
26	0.0	0.0	0.0	25.0	24.0	0.0	0.0	0.0	0.0	14.0	25.0	0.0	
27	0.0	0.0	0.0	30.0	0.0	0.6	6.0	0.0	12.0	20.0	5.0	0.0	
28	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	12.0	7.0	0.0	
29	0.0	0.0	31.0	10.0	0.0	0.0	11.0	0.0	50.0	45.0	0.0	0.0	
30	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	12.0	85.0	6.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	20.0	0.0	0.0	
Total	138.0	53.0	134.0	185.0	237.0	50.0	85.0	38.0	144.0	522.0	159.0	40.0	
D. Ll.	8	4	7	9	13	7	10	6	8	21	15	5	
TOTALES ANUALES							1785.0 mm.			113			Días lluvia

ESTACION: LAS GRANJAS

MUNICIPIO: MESITAS COLEGIAÑO

1.987

ALTITUD: 1.400

LATITUD: 4-28 N.

LONGITUD: 74-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	2.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	40.0	30.0	15.0	
2	2.0	0.0	0.0	24.0	6.0	4.0	2.0	12.0	0.0	9.0	5.0	20.0	
3	0.0	0.0	25.0	18.0	36.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	
4	0.0	0.0	20.0	0.0	0.0	9.0	5.0	0.0	0.0	9.0	0.0	0.0	
5	67.0	0.0	0.0	0.0	4.0	13.0	20.0	0.0	4.0	0.0	0.0	15.0	
6	1.0	0.0	6.0	2.0	0.0	0.0	0.0	2.0	11.0	2.0	0.0	28.0	
7	19.0	0.0	0.0	0.0	9.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	1.0	0.0	0.0	1.0	0.0	8.0	0.0	10.0	0.0	0.0	3.0	
9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	
10	0.0	6.0	0.0	4.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	1.0	6.0	0.0	0.0	0.0	0.0	
12	0.0	12.0	8.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
13	0.0	22.0	6.0	0.0	0.0	0.0	0.0	2.0	8.0	80.0	0.0	0.0	
14	0.0	0.0	7.0	0.0	6.0	0.0	0.0	0.0	6.0	1.0	0.0	0.0	
15	0.0	0.0	5.0	0.0	0.0	0.0	8.0	0.0	5.0	2.0	0.0	0.0	
16	4.0	0.0	0.0	0.0	50.0	0.0	1.0	2.0	0.0	0.0	0.0	0.0	
17	0.0	2.0	0.0	0.0	11.0	7.0	0.0	3.0	0.0	42.0	3.0	0.0	
18	0.0	2.0	2.0	0.0	1.0	0.0	0.0	0.0	0.0	5.0	1.0	0.0	
19	2.0	0.0	0.0	5.0	0.0	0.0	8.0	0.0	0.0	0.0	3.0	0.0	
20	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	3.0	25.0	0.0	
22	30.0	0.0	0.0	0.0	16.0	15.0	0.0	0.0	0.0	0.0	10.0	0.0	
23	0.0	6.0	0.0	2.0	0.0	2.0	0.0	0.0	1.0	1.0	0.0	0.0	
24	0.0	0.0	0.0	6.0	36.0	0.0	6.0	0.0	1.0	0.0	0.0	0.0	
25	0.0	0.0	27.0	0.0	5.0	3.0	6.0	2.0	1.0	4.0	3.0	0.0	
26	0.0	0.0	1.0	10.0	22.0	0.0	3.0	0.0	0.0	5.0	5.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	3.0	0.0	
28	0.0	0.0	45.0	6.0	0.0	2.0	21.0	3.0	3.0	10.0	5.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.0	34.0	0.0	0.0	
30	14.0	0.0	25.0	0.0	0.0	0.0	2.0	0.0	11.0	5.0	10.0	0.0	
31	0.0	0.0	10.0	0.0	8.0	0.0	4.0	3.0	0.0	0.0	0.0	2.0	
Total	141.0	53.0	187.0	92.0	213.0	63.0	98.0	39.0	134.0	278.0	149.0	84.0	
D. Ll.	10	8	13	10	16	9	15	10	14	18	13	7	
TOTALES ANUALES							1531.0 mm.			143			Días lluvia

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

ESTACION: EL PORVENIR

MUNICIPIO: MESITAS COLEGIO AÑO: 1-987

ALTITUD: 1.350

LATITUD: 4-33 N. LONGITUD: 74-19 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	18.0	24.4	0.0	0.0	0.0	0.0	26.1	0.0	2.9	
2	0.0	0.0	0.0	17.2	0.0	0.0	3.6	0.0	0.0	16.3	0.0	4.5	
3	0.0	0.0	0.0	0.0	40.4	0.0	0.0	0.0	0.0	3.3	0.0	0.0	
4	0.0	0.0	68.8	0.0	0.0	0.0	0.0	0.0	0.0	7.3	25.1	0.0	
5	0.0	10.4	4.9	26.7	0.0	0.0	2.3	0.0	0.0	0.0	0.0	54.4	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.4	24.7	0.0	
7	40.0	0.0	7.2	0.0	0.0	6.9	0.0	0.0	13.4	24.7	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	
9	12.5	0.0	0.0	0.0	8.5	0.0	7.3	0.0	4.2	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	
11	0.0	1.8	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	5.2	0.0	0.0	0.0	30.4	0.0	0.0	0.0	0.0	
13	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.5	0.0	0.0	
14	0.0	13.3	0.0	0.0	0.0	0.0	0.0	0.0	22.3	31.2	3.4	0.0	
15	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	5.2	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	3.9	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	6.8	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	35.2	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.0	10.6	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	2.2	0.0	
21	0.0	0.0	0.0	0.0	67.0	0.0	0.0	0.0	0.0	34.1	22.3	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	12.3	0.0	0.0	0.0	26.2	0.0	
23	11.9	0.0	0.0	0.0	47.6	0.0	0.0	0.0	0.0	17.6	0.0	0.0	
24	0.0	0.0	0.0	0.0	61.5	5.7	0.0	0.0	5.9	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.7	0.0	5.6	0.0	0.0	0.0	16.5	0.0	
26	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	6.4	0.0	0.0	
27	0.0	0.0	17.3	0.0	22.7	0.0	0.0	0.0	0.0	0.0	5.5	0.0	
28	0.0	0.0	18.1	10.5	0.0	0.0	37.5	0.0	0.0	20.3	20.7	0.0	
29	0.0	0.0	43.4	0.0	0.0	0.0	0.0	0.0	0.0	10.2	0.0	0.0	
30	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0.0	61.5	4.1	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.4	0.0	
Total D. LL.	64.4 3	45.5 4	159.7 6	77.6 5	291.1 10	12.6 2	84.1 9	45.6 4	120.4 8	297.5 15	168.1 11	61.8 3	
TOTALES ANUALES											1428.4 mm.		Dias lluvia 80

ESTACION: ATALA

MUNICIPIO: VIOTA AÑO: 1-987

ALTITUD: 1.160

LATITUD: 4-24 N. LONGITUD: 74-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0		0.0										
2	0.0		0.0										
3	0.0		0.0										
4	12.0		64.0					1.0	0.0	25.0	3.0	26.0	
5	0.0		0.5					0.0	6.0	23.0	0.0	15.0	
6	0.0		0.0					0.0	4.0	65.0	5.0	8.0	
7	0.8		0.6					0.0	0.0	0.0	0.0	0.0	
8	0.0		0.0					4.0	1.0	7.0	7.0	13.0	
9	0.0		0.0					0.0	0.0	6.0	0.0	0.0	
10	0.0		0.0					1.0	0.0	4.0	0.0	0.0	
11	0.0		0.0					0.0	2.0	8.0	0.0	0.0	
12	0.0		0.0					0.0	0.0	16.0	0.0	12.0	
13	0.0		0.0					6.0	0.0	7.0	0.0	0.0	
14	0.0		0.0					0.0	0.0	3.0	0.0	0.0	
15	0.0		0.0					0.0	80.0	14.0	0.0	0.0	
16	0.0		0.0					0.0	7.0	8.0	10.0	0.0	
17	0.0		0.0					0.0	1.0	0.0	2.0	0.0	
18	0.0		0.0					0.0	1.0	0.0	0.0	0.0	
19	0.0		0.0					0.0	0.0	29.0	12.0	0.0	
20	0.0		0.0					0.0	0.0	0.0	3.0	0.0	
21	0.0		0.0					0.0	4.0	9.0	0.0	0.0	
22	0.0		0.0					0.0	0.0	0.0	14.0	0.0	
23	0.0		0.9					0.0	0.0	0.0	0.0	0.0	
24	0.0		10.0					0.0	2.0	3.0	5.0	0.0	
25	0.0		0.0					0.0	18.0	0.0	0.0	0.0	
26	0.0		0.8					0.0	0.0	14.0	7.0	0.0	
27	0.9		25.0					0.0	0.0	0.0	0.0	0.0	
28	23.0		0.9					0.0	0.0	6.0	19.0	0.0	
29	0.0		15.0					0.0	0.0	42.0	0.0	0.0	
30	0.0	0.0	0.0					0.0	2.0	10.0	12.0	0.0	
31	0.0	0.0	12.3					0.0	67.0	0.0	0.0	0.0	
Total D. LL.	36.7 4	0.0 0	130.0 10					15.0 5	203.0 14	333.0 22	115.0 14	92.0 7	
TOTALES ANUALES											mm.		Dias lluvia 7

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:

1.987

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	31.0	0.0	0.0	21.0	3.0	0.0	1.0	2.0	0.0	10.0	5.0	16.0
2	0.0	1.0	0.0	20.0	0.0	0.0	5.0	4.0	0.0	7.0	4.0	2.0
3	0.0	0.0	0.0	12.0	18.0	0.0	2.0	4.0	10.0	10.0	0.0	7.0
4	0.0	0.0	18.0	0.0	5.0	0.0	6.0	0.0	6.0	11.0	16.0	7.0
5	4.0	0.0	0.0	12.0	8.0	10.0	3.0	2.0	0.0	5.0	0.0	12.0
6	2.0	0.0	0.0	2.0	10.0	8.0	0.0	0.0	8.0	48.0	0.0	15.0
7	34.0	0.0	0.0	0.0	2.0	16.0	6.0	16.0	0.0	5.0	0.0	6.0
8	1.0	0.0	0.0	1.0	0.0	2.0	10.0	0.0	2.0	10.0	0.0	9.0
9	21.0	0.0	0.0	0.0	12.0	0.0	1.0	5.0	0.0	7.0	0.0	10.0
10	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	20.0	0.0	0.0
11	0.0	2.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
12	0.0	7.0	0.0	0.0	14.0	0.0	6.0	8.0	0.0	1.0	0.0	0.0
13	0.0	18.0	30.0	0.0	25.0	0.0	0.0	0.0	15.0	22.0	40.0	0.0
14	0.0	8.0	22.0	0.0	8.0	0.0	3.0	0.0	9.0	0.0	0.0	0.0
15	0.0	7.0	8.0	0.0	14.0	0.0	0.0	0.0	18.0	4.0	0.0	0.0
16	0.0	0.0	10.0	0.0	10.0	0.0	2.0	0.0	0.0	6.0	13.0	0.0
17	0.0	2.0	0.0	6.0	0.0	1.0	4.0	2.0	0.0	15.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	21.0	3.0	0.0
19	15.0	0.0	0.0	15.0	0.0	3.0	0.0	0.0	1.0	0.0	15.0	0.0
20	0.0	0.0	0.0	0.0	28.0	0.0	0.0	1.0	3.0	0.0	16.0	0.0
21	0.0	0.0	8.0	1.0	8.0	5.0	5.0	0.0	0.0	0.0	3.0	0.0
22	0.0	0.0	12.0	0.0	48.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
23	29.0	0.0	0.0	24.0	21.0	12.0	1.0	2.0	3.0	3.0	0.0	0.0
24	20.0	0.0	0.0	52.0	7.0	0.0	3.0	1.0	0.0	0.0	10.0	0.0
25	0.0	0.0	0.0	3.0	5.0	0.0	6.0	0.0	0.0	27.0	0.0	0.0
26	1.0	0.0	23.0	22.0	27.0	0.0	0.0	2.0	0.0	10.0	10.0	0.0
27	4.0	0.0	0.0	6.0	0.0	1.0	19.0	8.0	0.0	25.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	7.0	21.0	12.0	0.0
29	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	48.0	0.0	0.0	0.0
30	0.0	0.0	16.0	3.0	0.0	0.0	0.0	0.0	2.0	8.0	10.0	1.0
31	18.0	0.0	10.0	0.0	1.0	0.0	14.0	0.0	0.0	30.0	0.0	0.0
Total	180.0	47.0	158.0	200.0	274.0	63.0	99.0	60.0	132.0	326.0	157.0	65.0
D. LL.	12	8	11	15	20	12	19	14	13	23	13	10
TOTALES ANUALES	1781.0 mm.										170	Días lluvia

ESTACION: ARABIA

MUNICIPIO: SAN BERNARDO

AÑO:

1.987

ALTITUD: 1.550

LATITUD: 4-10 N.

LONGITUD: 74-25 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1		0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	19.0		0.0
2		1.0	0.0	49.0	0.0	0.0	5.0	0.0	0.0	0.0		0.0
3		0.0	32.0	6.0	0.0	0.0	0.0	0.0	4.0	29.0		3.0
4	0.0	0.0	9.0	9.0	0.0	0.0	3.0	0.0	0.0	3.0		1.0
5	0.0	0.0	4.0	0.0	12.0	0.0	22.0	10.0	0.0	0.0		30.0
6	7.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0		3.0
7	14.0	0.0	4.0	2.0	0.0	0.0	0.0	6.0	0.0	0.0		0.0
8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	5.0		0.0
9	0.0	0.0	0.0	0.0	3.0	0.0	20.0	5.0	0.0	5.0		0.0
10	0.0	5.0	0.0	0.0	0.0	0.0	2.0	4.0	0.0	0.0		0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.0	0.0		0.0
12	0.0	0.0	62.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
13	0.0	10.0	6.0	0.0	6.0	0.0	0.0	0.0	10.0	68.0		0.0
14	0.0	0.0	10.0	0.0	0.0	0.0	4.0	0.0	14.0	0.0		0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0		0.0
16	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	3.0	0.0		0.0
17	0.0	6.0	17.0	0.0	3.0	7.0	0.0	0.0	0.0	18.0		0.0
18	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
19	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	10.0		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	1.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0		0.0
22	0.0	0.0	0.0	0.0	21.0	1.0	0.0	2.0	6.0	0.0		0.0
23	11.0	0.0	0.0	9.0	27.0	11.0	4.0	0.0	0.0	4.0		0.0
24	0.0	0.0	6.0	9.0	55.0	0.0	12.0	0.0	0.0	0.0		0.0
25	0.0	0.0	0.0	0.0	0.0	8.0	4.0	0.0	0.0	0.0		0.0
26	0.0	0.0	0.0	2.0	41.0	5.0	0.0	0.0	0.0	0.0		0.0
27	0.0	0.0	0.0	0.0	7.0	0.0	5.0	0.0	0.0	4.0		0.0
28	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	20.0		0.0
29	0.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	41.0	8.0		0.0
30	0.0	0.0	7.0	5.0	0.0	0.0	3.0	5.0	3.0	0.0		0.0
31	11.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0		0.0
Total	47.0	22.0	184.0	116.0	191.0	36.0	59.0	36.0	94.0	193.0		37.0
D. LL.	6	4	12	11	12	6	11	8	11	12		4
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 PRIMAVERA

MUNICIPIO: GIGANTE

AÑO: 1.987

ALTITUD: 1.400

LATITUD: 2-15 N.

LONGITUD: 75-30 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	3.0	0.0	2.4	25.6	0.5	13.1	0.0	2.5	0.0	3.5	0.0	0.0	
2	0.0	2.8	0.0	28.4	0.0	2.2	0.0	1.0	0.0	0.0	1.2	2.2	
3	0.0	0.6	0.0	4.4	1.5	3.9	3.3	3.8	3.8	2.0	0.0	2.6	
4	0.0	0.0	7.2	1.3	0.4	0.9	27.4	0.0	0.3	10.1	0.0	0.0	
5	0.0	0.0	8.2	2.2	34.5	5.1	4.4	4.8	0.0	10.5	5.1	25.4	
6	3.3	0.0	1.2	0.0	4.8	0.5	0.0	0.2	1.7	11.2	0.0	3.3	
7	1.4	0.0	5.1	0.5	2.8	1.6	0.0	0.0	0.7	10.5	0.0	0.0	
8	3.1	0.5	0.0	18.8	0.5	1.5	3.5	5.0	4.3	3.9	0.0	0.0	
9	7.9	5.2	0.0	0.0	13.6	2.2	3.0	5.7	1.7	1.3	0.0	4.7	
10	0.0	11.6	0.0	1.6	5.2	6.2	1.6	6.8	0.0	1.5	0.0	0.0	
11	0.0	1.1	1.2	5.1	6.9	0.6	4.4	2.5	1.4	0.0	0.0	2.0	
12	0.0	0.8	0.1	0.4	3.2	1.2	0.5	1.2	0.0	1.2	0.0	3.7	
13	0.0	28.5	7.6	1.6	6.1	0.0	2.1	1.2	0.0	7.8	0.0	3.0	
14	0.0	7.3	4.4	0.0	11.7	2.1	5.8	0.2	0.0	6.4	0.0	0.0	
15	0.0	2.5	10.0	0.0	0.3	1.2	3.1	0.0	0.0	6.2	5.8	3.9	
16	0.0	0.0	17.7	1.7	6.8	0.0	0.0	0.5	2.8	0.0	0.0	0.0	
17	0.0	0.0	1.8	23.6	2.2	5.9	0.0	2.3	1.0	0.0	0.0	0.0	
18	2.2	7.6	0.0	6.0	2.5	0.0	2.0	0.8	0.0	2.2	6.0	0.5	
19	0.0	0.5	0.0	5.2	3.8	0.0	0.9	0.7	0.0	71.1	16.0	0.0	
20	0.0	0.1	0.0	0.0	0.1	0.0	1.1	7.0	10.7	0.0	0.3	0.4	
21	0.0	0.0	2.3	1.3	5.5	0.0	0.7	10.1	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.5	0.0	4.6	0.0	0.6	11.0	0.0	2.2	25.7	1.2	
23	2.7	0.0	0.0	3.2	5.1	6.7	0.3	0.0	0.5	0.0	0.0	0.0	
24	0.0	0.0	0.0	4.5	3.9	8.8	2.2	1.8	5.8	13.3	0.0	0.0	
25	0.0	0.0	0.4	0.3	0.0	3.0	7.0	0.6	14.6	23.5	15.5	0.0	
26	0.0	2.5	7.9	1.2	0.5	0.0	0.0	2.2	0.0	18.0	0.0	0.0	
27	0.0	0.7	2.0	3.4	0.0	0.0	0.0	0.4	0.0	73.5	0.0	0.0	
28	0.0	0.0	2.3	6.3	0.0	0.0	16.4	0.0	0.0	3.6	1.0	0.0	
29	0.0	0.0	1.3	0.0	0.0	0.0	19.6	0.0	0.0	1.0	2.2	0.0	
30	0.0	0.0	0.0	2.0	0.0	4.4	3.7	4.0	8.9	7.2	9.4	10.0	
31	0.8	0.0	0.3	0.0	8.2	0.0	17.8	5.9	0.0	7.4	0.0	1.6	
Total D. Ll.	24.4 8	72.8 15	89.9 20	148.6 23	135.2 25	71.1 19	131.4 23	82.7 25	58.2 14	288.6 23	97.6 12	64.5 14	
TOTALES ANUALES											1265.0 mm.	221	Dias lluvia

ESTACION: VILLA CONSUELO

MUNICIPIO: GARZON

AÑO: 1.987

ALTITUD: 1.450

LATITUD: 2-11 N.

LONGITUD: 75-39 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	1.3	12.6	5.0	12.1	0.0	13.0	0.1	1.2	0.0	9.4	
2	0.3	4.9	0.0	49.4	3.0	7.1	1.2	10.0	0.0	0.0	3.0	1.0	
3	0.0	0.0	0.0	12.5	5.7	2.0	1.4	8.9	2.1	26.2	1.2	6.2	
4	0.0	0.0	19.7	0.0	25.4	3.3	50.0	0.0	3.0	1.6	0.8	10.4	
5	1.2	0.0	9.0	0.6	60.7	0.0	2.5	1.6	0.1	15.1	1.3	7.0	
6	2.6	0.0	2.6	0.0	5.9	3.8	0.0	0.0	4.0	34.4	0.0	0.4	
7	11.2	0.0	10.6	0.1	2.2	1.7	0.0	1.0	0.0	0.6	0.0	0.4	
8	3.2	0.3	0.2	18.5	1.2	2.0	6.0	3.5	3.2	0.0	0.0	0.7	
9	5.0	10.0	0.0	3.0	9.2	0.2	2.0	4.0	8.6	1.1	0.0	0.0	
10	0.9	5.5	0.0	4.6	5.6	0.4	6.5	10.1	0.0	2.6	2.0	0.3	
11	2.7	0.0	0.4	9.7	5.7	7.1	9.4	3.7	0.0	0.1	0.0	3.0	
12	0.0	0.0	2.1	2.1	1.5	0.0	0.2	4.5	0.0	31.6	0.0	1.4	
13	0.0	66.7	2.0	2.3	0.5	0.6	6.5	1.0	0.0	1.8	0.0	3.0	
14	0.0	6.3	0.9	0.0	0.0	4.3	1.7	1.0	0.0	3.0	0.5	0.0	
15	0.0	0.0	28.4	0.0	2.0	0.8	0.3	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	21.2	0.0	3.6	1.1	0.0	0.0	5.1	0.0	2.2	0.0	
17	0.3	0.0	0.0	26.1	3.0	7.4	0.0	5.2	3.0	0.3	0.0	0.0	
18	0.2	5.2	0.0	3.0	6.7	1.0	1.5	0.9	0.0	0.0	0.0	0.0	
19	0.5	0.4	0.0	8.9	2.5	0.0	0.7	2.5	0.0	22.5	8.0	0.0	
20	0.0	0.0	0.0	0.8	10.4	0.0	6.4	2.2	0.0	7.7	0.7	0.0	
21	0.0	0.0	2.7	1.1	14.0	0.0	5.0	1.2	0.2	6.7	32.5	0.0	
22	0.0	0.0	0.0	0.6	4.5	0.2	10.7	0.0	8.0	0.0	2.0	0.0	
23	0.6	0.0	1.2	9.4	12.0	4.0	0.0	2.0	3.1	21.1	4.6	0.0	
24	0.0	0.1	0.6	3.2	16.1	8.7	3.2	0.0	1.2	2.6	0.0	0.0	
25	0.0	0.0	0.6	8.2	0.9	0.0	3.2	2.3	5.1	27.6	0.0	0.0	
26	0.0	4.6	9.4	11.7	0.7	0.0	3.3	1.1	12.7	17.8	3.0	0.0	
27	0.0	0.3	0.6	9.4	0.0	0.0	0.0	2.2	0.4	5.8	1.0	0.0	
28	0.0	0.0	3.3	27.8	0.0	0.0	0.0	1.3	0.0	5.7	0.0	0.0	
29	0.0	0.0	13.5	0.8	0.0	0.0	3.9	0.0	0.0	5.2	0.0	0.0	
30	2.2	0.0	0.6	0.0	0.0	4.3	7.7	12.6	0.0	7.5	28.3	0.0	
31	1.6	0.0	0.4	0.0	9.7	0.0	31.0	3.2	6.0	5.0	7.0	13.5	
Total D. Ll.	32.5 14	104.5 11	131.3 22	231.5 24	217.7 26	72.1 20	173.7 23	89.5 24	65.9 17	250.4 26	98.1 16	67.3 14	
TOTALES ANUALES											1534.3 mm.	237	Dias lluvia

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

ESTACION: CONC DE DESARROLLO

MUNICIPIO: TIMANA

AÑO: 1.987

ALTITUD: 1.080

LATITUD: 1-59 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	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	5.4	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	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
5	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
7	0.0	0.0	14.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	19.0
8	5.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	5.0	0.0	0.0
9	0.0	8.2	2.0	0.0	0.0	0.0	7.0	0.0	12.0	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	5.0
11	0.0	0.0	0.0	0.0	6.2	0.0	15.0	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	10.0	0.0
13	0.0	19.6	0.0	2.0	0.0	0.0	0.0	20.0	0.0	45.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	29.0	6.5	0.0	0.0	0.0	15.0	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	10.0	0.0	0.0	7.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	10.2	33.5	0.0	0.0	0.0	5.5	0.0	0.0	0.0	15.0
19	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0
20	0.0	2.5	0.0	0.0	0.0	8.5	0.0	5.0	0.0	51.5	0.0	0.0
21	0.0	0.0	0.0	23.5	25.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.2	0.0	0.0	0.0	9.0	12.0	3.0	0.0	28.0	0.0
23	0.0	0.0	0.7	5.1	15.2	0.0	0.0	0.0	5.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	50.5	0.0	10.0	0.0	0.0	30.0	0.0	8.0
25	15.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	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	13.0	24.5	0.0	0.0
27	0.0	0.0	0.0	10.8	0.0	0.0	0.0	0.0	0.0	1.5	10.0	0.0
28	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	9.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	7.5	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
Total	38.5	30.3	55.1	81.9	115.1	66.5	120.5	38.5	60.5	175.0	127.0	74
D. LL.	5	3	8	6	6	6	8	5	7	8	8	74
950.9 mm.												Dias lluvia

ESTACION: SUCRE

MUNICIPIO: TELLO

AÑO: 1.987

ALTITUD: 1.550

LATITUD: 3-04 N.

LONGITUD: 75-05 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	1.0	0.0	0.0	1.0	0.0	0.0	3.0	0.0	2.0	13.0	0.0
2	0.0	0.0	1.0	6.0	3.0	3.0	6.0	6.0	0.0	6.0	4.0	0.0
3	2.0	0.0	20.0	3.0	0.0	1.0	11.0	8.0	0.0	8.0	16.0	0.0
4	0.0	0.0	10.0	0.0	0.0	10.0	3.0	10.0	0.0	12.0	11.0	0.0
5	0.0	2.0	8.0	0.0	2.0	0.0	0.0	8.0	2.0	12.0	8.0	0.0
6	0.0	1.0	0.0	0.0	4.0	8.0	2.0	11.0	10.0	16.0	3.0	0.0
7	2.0	1.0	1.0	3.0	0.0	0.0	1.0	3.0	8.0	6.0	0.0	0.0
8	0.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	3.0	0.0	0.0
9	0.0	0.0	0.0	0.0	10.0	0.0	10.0	6.0	0.0	3.0	0.0	0.0
10	0.0	0.0	11.0	11.0	8.0	3.0	13.0	0.0	0.0	10.0	4.0	0.0
11	0.0	0.0	8.0	8.0	11.0	6.0	9.0	8.0	0.0	19.0	0.0	1.0
12	0.0	2.0	6.0	6.0	10.0	2.0	3.0	4.0	11.0	18.0	0.0	1.0
13	0.0	2.0	0.0	0.0	8.0	0.0	3.0	4.0	18.0	32.0	1.0	0.0
14	0.0	0.0	0.0	0.0	3.0	0.0	6.0	0.0	3.0	14.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	18.0	0.0	0.0
16	0.0	0.0	0.0	0.0	21.0	2.0	1.0	0.0	3.0	11.0	0.0	0.0
17	0.0	0.0	0.0	21.0	2.0	0.0	4.0	0.0	0.0	8.0	3.0	0.0
18	0.0	1.0	0.0	18.0	2.0	1.0	0.0	0.0	0.0	11.0	12.0	0.0
19	0.0	1.0	0.0	22.0	11.0	0.0	3.0	2.0	0.0	16.0	8.0	0.0
20	0.0	0.0	3.0	8.0	4.0	1.0	8.0	1.0	17.0	8.0	3.0	0.0
21	3.0	0.0	8.0	0.0	9.0	10.0	3.0	0.0	18.0	3.0	0.0	0.0
22	2.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	22.0	13.0	0.0	0.0
23	2.0	3.0	0.0	0.0	0.0	8.0	0.0	0.0	28.0	26.0	0.0	0.0
24	0.0	0.0	7.0	0.0	0.0	9.0	0.0	0.0	21.0	26.0	1.0	0.0
25	0.0	0.0	3.0	4.0	0.0	1.0	10.0	2.0	6.0	21.0	0.0	0.0
26	11.0	0.0	10.0	4.0	0.0	0.0	12.0	4.0	3.0	26.0	0.0	0.0
27	8.0	0.0	2.0	2.0	1.0	0.0	8.0	0.0	0.0	26.0	0.0	0.0
28	4.0	0.0	8.0	0.0	0.0	0.0	7.0	0.0	0.0	36.0	0.0	0.0
29	0.0	0.0	8.0	0.0	0.0	4.0	8.0	0.0	0.0	32.0	0.0	0.0
30	0.0	0.0	10.0	3.0	0.0	0.0	11.0	0.0	3.0	38.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	22.0	0.0	0.0
Total	34.0	16.0	124.0	122.0	91.0	71.0	154.0	97.0	181.0	498.0	87.0	2.0
D. LL.	8	10	17	15	17	15	24	18	16	31	13	2
1477.0 mm.												Dias lluvia

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

ESTACION: LA LAGUNA

MUNICIPIO: CONVENCION

AÑO: 1-987

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	0.0		0.0	37.0	0.0	0.0
2	0.0	0.0	0.0	2.0	0.0	0.0	0.0		0.0	0.0	13.5	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	3.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	12.0		25.0	0.0	0.0	22.0
5	0.0	2.0	0.0	10.0	14.0	4.0	0.0		23.5	12.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0		24.5	40.0	0.0	48.5
7	0.0	3.0	4.0	26.0	0.0	0.0	6.0		0.0	5.5	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	8.0		16.0	0.0	0.0	4.0
9	0.0	0.0	0.0	6.0	12.0	0.0	0.0		0.0	2.0	6.0	0.0
10	3.0	2.0	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	12.0	0.0	2.0	0.0		0.0	10.0	0.0	0.0
12	0.0	3.0	7.0	0.0	10.0	0.0	0.0		16.5	17.5	0.0	0.0
13	0.0	0.0	0.0	5.0	0.0	0.0	1.0		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	22.0	0.0	0.0
15	2.0	0.0	0.0	0.0	0.0	11.0	3.0		0.0	0.0	0.0	0.0
16	0.0	2.0	0.0	0.0	0.0	0.0	0.0		17.5	0.0	0.0	0.0
17	0.0	0.0	7.0	4.0	20.0	0.0	7.0		0.0	14.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0		10.5	15.0	29.0	0.0
20	5.0	2.0	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	3.0	0.0	0.0	6.5		12.5	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
23	0.0	0.0	0.0	0.0	0.0	4.0	4.0		10.5	25.0	0.0	0.0
24	4.0	0.0	0.0	0.0	8.0	0.0	1.0		0.0	8.5	0.0	0.0
25	0.0	0.0	5.0	7.0	0.0	0.0	1.5		0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	4.0	2.0	0.0		0.0	0.0	8.0	21.5
27	0.0	0.0	0.0	4.0	0.0	0.0	4.5		0.0	38.0	0.0	0.0
28	2.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	4.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	3.0		52.0	4.5	30.5	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	2.0		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	8.0
Total	16.0	14.0	23.0	79.0	80.0	23.0	59.5		208.5	258.0	87.0	104.0
D. LI.	5	6	4	10	7	5	13		10	16	5	5

TOTALES ANUALES

mm.

Días
lluvia

ESTACION: MARINGA
ALTITUD: 540

MUNICIPIO: ACACIAS
LATITUD: 4-00 N.

AÑO: 1-987
LONGITUD: 73-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	18.0	1.0	0.0	14.0		0.0	11.0	0.0	0.0
2	0.0	0.0	0.0	44.0	0.0	0.0	33.0		23.0	0.0	4.0	6.0
3	0.0	0.0	0.0	19.0	0.0	16.0	18.0		0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	9.0	0.0	24.0		18.0	33.0	7.0	2.0
5	0.0	0.0	0.0	38.0	11.0	19.0	9.0		0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	34.0	74.0	0.0	0.0		0.0	0.0	0.0	3.0
7	2.0	0.0	0.0	0.0	0.0	3.0	5.0		9.0	0.0	0.0	0.0
8	2.5	0.0	0.0	0.0	0.0	17.0	0.0		19.0	0.0	0.0	0.0
9	0.0	11.0	0.0	34.0	27.0	0.0	3.0		0.0	0.0	8.0	19.0
10	0.0	9.0	1.0	2.0	0.0	31.0	9.0		13.0	0.0	0.0	7.0
11	0.0	17.0	0.0	0.0	0.0	0.0	7.0		0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	8.0	0.0	6.0	0.0		0.0	0.0	6.0	0.0
13	0.0	0.0	7.0	0.0	0.0	0.0	35.0		12.0	0.0	0.0	0.0
14	0.0	0.0	12.0	0.0	0.0	0.0	0.0		21.0	4.0	0.0	0.0
15	2.5	0.0	42.0	0.0	26.0	0.0	1.0		0.0	0.0	0.0	0.0
16	1.0	3.0	5.0	98.0	4.0	16.0	0.0		0.0	0.0	0.0	0.0
17	2.0	6.0	0.0	0.0	0.0	28.0	0.0		0.0	0.0	0.0	0.0
18	0.0	4.0	0.0	0.0	0.0	9.0	19.0		19.0	24.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0		24.0	22.0	72.0	2.0
20	0.0	0.0	0.0	35.0	0.0	0.0	0.0		0.0	0.0	13.0	0.0
21	0.0	0.0	103.0	0.0	0.0	0.0	0.0		15.0	0.0	41.0	0.0
22	0.0	0.0	16.0	0.0	0.0	29.0	9.0		11.0	0.0	37.0	0.0
23	0.0	0.0	0.0	12.0	72.0	4.0	0.0		1.0	0.0	4.0	0.0
24	0.0	0.0	0.0	0.0	0.0	36.0	13.0		1.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	7.0	28.0	0.0		0.0	0.0	19.0	0.0
26	0.0	0.0	0.0	32.0	3.0	0.0	9.0		2.0	9.0	42.0	0.0
27	0.0	0.0	49.0	0.0	0.0	0.0	52.0		0.0	0.0	6.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	7.0		0.0	0.0	13.0	0.0
29	0.0	0.0	0.0	10.0	0.0	37.0	11.0		7.0	7.0	0.0	27.0
30	0.0	0.0	8.0	32.0	0.0	0.0	7.0		9.0	0.0	29.0	0.0
31	0.0	0.0	0.0	0.0	26.0	0.0	0.0		0.0	0.0	0.0	0.0
Total	10.0	50.0	243.0	416.0	260.0	279.0	285.0		204.0	110.0	301.0	66.0
D. LI.	5	6	9	14	11	14	19		16	7	14	7

TOTALES ANUALES

mm.

Días
lluvia

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

ESTACION: VIVERO

MUNICIPIO: QUIMBAYA

AÑO: 1.987

ALTITUD: 1.400

LATITUD: 4-37 N.

LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	64.0	
2	1.0	0.0	0.0	3.5	52.0	0.0	0.0	0.0	3.0	1.0	5.5	32.0	
3	4.0	0.0	0.0	2.0	12.0	0.0	0.0	9.0	5.0	0.0	0.0	0.0	
4	15.0	0.0	11.0	30.5	0.0	18.5	14.0	6.0	24.5	0.0	0.0	14.0	
5	0.0	0.0	55.0	0.0	2.5	22.5	2.0	0.0	1.5	52.0	0.0	0.0	
6	42.5	0.0	4.0	2.5	14.0	0.0	0.0	0.0	1.5	6.0	0.0	0.0	
7	8.0	0.0	15.0	0.0	0.0	1.5	11.0	0.0	0.0	10.0	0.0	2.5	
8	0.0	0.0	5.5	52.0	0.0	0.0	0.0	12.0	0.0	16.0	0.0	12.0	
9	0.0	0.0	0.0	2.0	2.0	0.0	2.0	12.5	1.5	0.0	0.0	0.0	
10	0.0	1.0	0.0	1.5	0.0	0.0	0.0	10.0	0.0	5.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	8.0	12.5	37.5	0.0	4.0	10.0	
12	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	34.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	7.0	7.0	0.0	0.0	0.0	8.0	20.0	11.0	
14	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
15	0.0	1.0	7.0	0.0	13.5	0.0	16.0	0.0	1.5	25.0	0.0	0.0	
16	0.0	2.5	0.0	0.0	0.0	0.0	14.0	0.0	6.0	26.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	12.0	0.0	
18	0.0	5.0	0.0	0.0	12.5	0.0	0.0	0.0	5.0	0.0	30.0	0.0	
19	3.5	0.0	0.0	0.0	5.0	0.0	0.0	0.0	5.5	5.0	69.0	0.0	
20	2.0	0.0	0.0	0.0	22.5	0.0	0.0	0.0	1.0	6.0	0.0	0.0	
21	37.5	0.0	0.0	0.0	11.0	1.0	5.0	0.0	0.0	57.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	42.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	11.0	0.0	0.0	43.0	0.0	15.0	9.0	8.5	0.0	
24	0.0	0.0	0.0	1.5	0.0	0.0	4.0	0.0	6.0	5.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	6.0	2.0	0.0	
26	16.5	0.0	8.0	44.5	11.0	0.0	2.5	12.0	0.0	19.0	0.0	1.5	
27	0.0	0.0	0.0	0.0	3.0	0.0	7.5	4.0	7.5	1.0	0.0	17.0	
28	0.0	0.0	0.0	22.5	0.0	0.0	22.0	0.0	56.0	18.0	0.0	17.0	
29	0.0	0.0	34.0	20.5	0.0	0.0	33.0	0.0	0.0	5.0	35.0	0.0	
30	0.0	0.0	6.0	0.0	0.0	0.0	15.0	0.0	0.0	6.0	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	130.0	11.5	187.0	197.0	254.0	52.0	199.0	80.0	212.0	298.0	186.0	181.0	
D. LI.	9	5	12	14	16	6	15	9	17	23	9	10	
TOTALES ANUALES											1587.5 mm.		Dias 145 lluvia

ESTACION: EL ROCIO

MUNICIPIO: QUIMBAYA

AÑO: 1.987

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	60.0	0.0	0.0	7.0	0.0	10.0	0.0	35.0	
2	4.0	0.0	0.0	13.0	13.0	0.0	0.0	3.0	15.0	0.0	6.0	0.0	
3	18.0	0.0	11.0	0.0	0.0	35.0	13.0	4.0	18.0	0.0	0.0	0.0	
4	0.0	0.0	47.0	46.0	5.0	25.0	4.0	0.0	0.0	68.0	0.0	0.0	
5	55.0	0.0	0.0	5.0	12.0	0.0	0.0	0.0	1.0	10.0	0.0	0.0	
6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	3.0	
7	0.0	0.0	0.0	50.0	0.0	0.0	0.0	8.0	0.0	30.0	0.0	11.0	
8	0.0	0.0	7.0	0.0	0.0	0.0	12.0	12.0	1.0	1.0	0.0	0.0	
9	0.0	0.0	16.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	7.0	3.0	0.0	4.0	0.0	8.0	
11	0.0	3.0	0.0	3.0	0.0	0.0	0.0	15.0	41.0	0.0	0.0	0.0	
12	0.0	1.0	3.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	38.0	0.0	1.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	25.0	0.0	
15	0.0	1.0	10.0	0.0	22.0	0.0	13.0	0.0	0.0	7.0	0.0	0.0	
16	0.0	3.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	25.0	0.0	7.0	
17	10.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	30.0	0.0	0.0	0.0	
18	0.0	3.0	0.0	0.0	11.0	0.0	0.0	1.0	1.0	10.0	0.0	0.0	
19	6.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	10.0	0.0	36.0	0.0	
21	35.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	53.0	0.0	7.0	0.0	0.0	60.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	49.0	0.0	10.0	7.0	10.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	15.0	6.0	0.0	0.0	
25	10.0	0.0	25.0	12.0	42.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	
26	0.0	0.0	9.0	51.0	0.0	0.0	2.0	45.0	0.0	10.0	0.0	0.0	
27	0.0	0.0	0.0	2.0	22.0	0.0	12.0	0.0	7.0	15.0	0.0	0.0	
28	0.0	0.0	0.0	32.0	0.0	0.0	21.0	0.0	0.0	15.0	0.0	0.0	
29	0.0	0.0	38.0	20.0	0.0	0.0	35.0	0.0	53.0	9.0	44.0	24.0	
30	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	68.0	20.0	
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	143.0	11.0	165.0	234.0	314.0	65.0	212.0	109.0	218.0	343.0	279.0	108.0	
D. LI.	8	5	9	10	13	3	14	9	13	21	9	7	
TOTALES ANUALES											2201.0 mm.		Dias 121 lluvia

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

ESTACION: AMAZONAS

MUNICIPIO: FILANDIA

AÑO

1.987

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	0.0	10.0	10.0	0.0	0.0	0.0	10.0	15.0	0.0	0.0	
2	0.0	5.0	5.0	5.0	0.0	0.0	5.0	5.0	5.0	35.0	50.0	
3	5.0	0.0	3.0	15.0	0.0	0.0	20.0	5.0	10.0	0.0	5.0	
4	5.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	20.0	0.0	20.0	
5	0.0	0.0	3.0	5.0	5.0	0.0	0.0	0.0	30.0	10.0	65.0	
6	5.0	5.0	5.0	0.0	5.0	0.0	10.0	0.0	10.0	0.0	5.0	
7	0.0	0.0	3.0	30.0	0.0	15.0	5.0	0.0	20.0	15.0	10.0	
8	0.0	30.0	0.0	10.0	0.0	0.0	0.0	5.0	30.0	50.0	30.0	
9	0.0	5.0	10.0	15.0	0.0	0.0	0.0	0.0	5.0	0.0	40.0	
10	0.0	0.0	20.0	5.0	0.0	0.0	5.0	0.0	0.0	5.0	95.0	
11	5.0	10.0	0.0	5.0	0.0	5.0	10.0	0.0	0.0	0.0	10.0	
12	0.0	5.0	0.0	0.0	10.0	0.0	5.0	0.0	10.0	35.0	10.0	
13	0.0	5.0	5.0	0.0	15.0	0.0	0.0	0.0	30.0	0.0	4.0	
14	5.0	0.0	0.0	5.0	20.0	0.0	0.0	5.0	40.0	0.0	91.0	
15	0.0	20.0	0.0	10.0	30.0	0.0	5.0	10.0	1.0	20.0	58.0	
16	0.0	10.0	0.0	20.0	30.0	0.0	25.0	5.0	5.0	55.0	4.0	
17	0.0	0.0	10.0	10.0	20.0	0.0	5.0	15.0	5.0	0.0	18.0	
18	5.0	0.0	5.0	5.0	30.0	0.0	0.0	0.0	5.0	15.0	5.0	
19	10.0	10.0	0.0	0.0	35.0	0.0	0.0	0.0	10.0	0.0	48.0	
20	3.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0	5.0	4.0	
21	5.0	15.0	0.0	0.0	0.0	0.0	10.0	10.0	20.0	0.0	5.0	
22	5.0	25.0	10.0	10.0	0.0	0.0	0.0	5.0	10.0	0.0	2.0	
23	0.0	0.0	5.0	10.0	0.0	25.0	10.0	5.0	5.0	0.0	7.0	
24	0.0	10.0	0.0	15.0	0.0	5.0	20.0	0.0	1.0	10.0	1.0	
25	0.0	5.0	25.0	10.0	25.0	0.0	25.0	0.0	0.0	0.0	9.0	
26	0.0	0.0	5.0	30.0	60.0	0.0	10.0	0.0	0.0	20.0	3.0	
27	10.0	10.0	0.0	40.0	0.0	5.0	0.0	0.0	0.0	75.0	4.0	
28	0.0	5.0	0.0	20.0	0.0	0.0	0.0	0.0	5.0	0.0	2.0	
29	0.0	0.0	5.0	0.0	0.0	5.0	5.0	0.0	50.0	10.0	5.0	
30	0.0	0.0	20.0	0.0	0.0	0.0	0.0	5.0	5.0	10.0	0.0	
31	0.0	0.0	5.0	0.0	0.0	0.0	5.0	10.0	0.0	5.0	0.0	
Total	63.0	175.0	154.0	295.0	285.0	60.0	190.0	95.0	352.0	375.0	610.0	
D. LL.	11	16	18	22	12	6	18	13	25	16	28	
TOTALES ANUALES										mm.		Días lluvia

ESTACION: LA ILUSION
ALTITUD: 1.500

MUNICIPIO: CIRCASIA
LATITUD: 4-36 N.

AÑO

1.987

LONGITUD: 75-39 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	18.0	0.0	0.0	0.0	0.0	0.0	1.0	12.0	0.0	0.0	0.0	33.0
2	0.0	0.0	1.0	2.0	25.0	0.0	0.0	16.0	12.0	4.0	30.0	19.0
3	4.0	0.0	0.0	0.0	36.0	0.0	2.0	2.0	16.0	40.0	9.0	24.0
4	0.0	0.0	5.0	3.0	14.0	2.0	22.0	4.0	17.0	30.0	0.0	33.0
5	0.0	20.0	0.0	0.0	3.0	0.0	0.0	2.0	0.0	0.0	0.0	5.0
6	26.0	10.0	32.0	1.0	10.0	23.0	26.0	0.0	0.0	45.0	0.0	0.0
7	0.0	0.0	71.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
8	0.0	0.0	0.0	17.0	0.0	0.0	0.0	9.0	0.0	20.0	0.0	0.0
9	0.0	0.0	3.0	0.0	0.0	0.0	0.0	15.0	17.0	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	13.0	0.0
11	0.0	0.0	2.0	3.0	0.0	5.0	0.0	8.0	0.0	0.0	0.0	0.0
12	0.0	11.0	0.0	10.0	0.0	0.0	4.0	0.0	9.0	2.0	18.0	0.0
13	0.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	55.0	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	18.0	0.0	0.0
15	0.0	0.0	0.0	0.0	41.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0
16	0.0	18.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	10.0	0.0	0.0	17.0	0.0	10.0	0.0	22.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	30.0	0.0
19	2.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
20	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	20.0	28.0	0.0	0.0
21	3.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
22	19.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	1.0	0.0	40.0	0.0
23	0.0	0.0	0.0	0.0	66.0	0.0	3.0	3.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	25.0	0.0	0.0	16.0	0.0	0.0	0.0	30.0	0.0
25	0.0	0.0	4.0	0.0	41.0	0.0	3.0	4.0	9.0	48.0	0.0	0.0
26	2.0	0.0	0.0	3.0	25.0	0.0	16.0	0.0	0.0	50.0	0.0	0.0
27	0.0	0.0	3.0	28.0	2.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0
28	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	20.0	1.0	8.0	20.0
29	0.0	0.0	0.0	11.0	0.0	0.0	13.0	0.0	0.0	10.0	96.0	13.0
30	7.0	0.0	15.0	9.0	0.0	0.0	26.0	0.0	0.0	20.0	0.0	0.0
31	0.0	0.0	13.0	0.0	0.0	0.0	19.0	0.0	0.0	26.0	0.0	0.0
Total	81.0	59.0	173.0	132.0	310.0	30.0	168.0	75.0	203.0	430.0	296.0	147.0
D. LL.	8	4	11	13	15	3	13	10	13	18	10	7
TOTALES ANUALES										2104.0 mm.		Días lluvia

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

ESTACION: SORRENTO

MUNICIPIO: MONTENEGRO

AÑO:

1.987

ALTITUD: 1.290

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	10.0	0.0	0.0	0.0	40.0	15.0	0.0	10.0	75.0		
2	0.0	0.0	0.0	23.0	25.0	0.0	0.0	7.0	30.0	0.0	0.0	5.0		
3	0.0	0.0	55.0	3.0	2.0	0.0	15.0	0.0	13.0	0.0	5.0	0.0		
4	0.0	0.0	5.0	50.0	0.0	16.0	5.0	0.0	10.0	0.0	0.0	18.0		
5	3.0	0.0	3.0	3.0	71.0	5.0	0.0	0.0	5.0	0.0	0.0	0.0		
6	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0		
7	10.0	5.0	0.0	0.0	0.0	15.0	8.0	0.0	0.0	5.0	0.0	0.0		
8	0.0	0.0	7.0	13.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0		
9	0.0	0.0	0.0	0.0	25.0	0.0	0.0	5.0	25.0	0.0	0.0	0.0		
10	0.0	0.0	5.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0		
11	0.0	0.0	0.0	3.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	20.0		
12	0.0	8.0	25.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0		
13	0.0	10.0	23.0	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	10.0	0.0	0.0	0.0	18.0	0.0	1.0	0.0		
15	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	3.0	0.0	20.0	5.0		
16	0.0	5.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0		
17	0.0	25.0	25.0	3.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	30.0	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	85.0	0.0	0.0	8.0	0.0	1.0	0.0		
21	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	10.0	15.0	40.0	0.0		
22	75.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	6.0	5.0	0.0	0.0		
23	10.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0		
24	0.0	0.0	0.0	0.0	40.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0		
25	0.0	0.0	15.0	52.0	0.0	0.0	12.0	0.0	0.0	25.0	0.0	0.0		
26	15.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	8.0	0.0		
27	10.0	0.0	0.0	51.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	3.0	0.0	0.0	3.0	3.0	32.0	15.0	0.0	0.0		
29	0.0	0.0	0.0	40.0	0.0	0.0	10.0	10.0	60.0	10.0	0.0	12.0		
30	0.0	0.0	53.0	0.0	0.0	0.0	68.0	0.0	0.0	5.0	10.0	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	4.0	30.0	0.0		
Total D. Ll.	193.0 7	53.0 5	216.0 10	254.0 12	244.0 12	121.0 4	173.0 11	116.0 10	234.0 13	194.0 12	125.0 9	135.0 6		
TOTALES ANUALES											2 058.0 mm.		111	Días lluvia

ESTACION: LA JULIA

MUNICIPIO: MONTENEGRO

AÑO:

1.987

ALTITUD:

LATITUD: 4-32 N.

LONGITUD: 75-50 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	2.0	0.0	0.0	15.0	0.0	0.0	0.0	9.0	6.0	2.0	4.0	47.0		
2	0.0	0.0	0.0	59.0	4.0	0.0	0.0	13.0	2.0	12.0	13.0	8.0		
3	0.0	0.0	0.0	5.0	17.0	0.0	2.0	0.0	3.0	0.0	0.0	3.0		
4	1.0	0.0	7.0	15.0	0.0	9.0	4.0	0.0	22.0	0.0	3.0	8.0		
5	0.0	0.0	26.0	0.0	0.0	6.0	0.0	3.0	6.0	32.0	0.0	5.0		
6	30.0	1.0	0.0	0.0	2.0	28.0	0.0	0.0	6.0	3.0	0.0	0.0		
7	0.0	0.0	40.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0		
8	0.0	0.0	2.0	25.0	0.0	0.0	0.0	3.0	0.0	68.0	0.0	0.0		
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	15.0	0.0	6.0	0.0		
10	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0		
11	2.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0	4.0		
12	0.0	5.0	14.0	0.0	0.0	0.0	9.0	22.0	0.0	15.0	19.0	0.0		
13	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0		
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	85.0	0.0		
15	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0		
16	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0		
17	0.0	9.0	7.0	5.0	0.0	0.0	13.0	0.0	0.0	0.0	2.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	11.0	0.0		
19	1.0	0.0	0.0	0.0	1.0	4.0	0.0	0.0	12.0	0.0	33.0	0.0		
20	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	1.0	14.0	48.0	0.0		
21	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0		
22	41.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
23	5.0	0.0	0.0	0.0	32.0	1.0	0.0	2.0	0.0	3.0	0.0	0.0		
24	0.0	0.0	0.0	12.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0		
25	0.0	0.0	0.0	1.0	0.0	0.0	25.0	0.0	5.0	13.0	7.0	0.0		
26	0.0	0.0	0.0	0.0	66.0	0.0	6.0	0.0	0.0	9.0	0.0	0.0		
27	2.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	13.0	3.0	0.0		
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0		
29	0.0	0.0	2.0	52.0	0.0	0.0	0.0	0.0	78.0	4.0	0.0	5.0		
30	0.0	0.0	23.0	14.0	0.0	0.0	13.0	1.0	34.0	15.0	41.0	14.0		
31	0.0	0.0	7.0	0.0	0.0	0.0	73.0	0.0	1.0	2.0	30.0	1.0		
Total D. Ll.	84.0 8	15.0 3	141.0 11	220.0 11	182.0 10	48.0 5	187.0 12	94.0 9	222.0 15	291.0 19	309.0 15	111.0 10		
TOTALES ANUALES											1 904.0 mm.		128	Días lluvia

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

ESTACION: MILAN

MUNICIPIO: MONTENEGRO

AÑO:

1.987

ALTITUD: 1.300

LATITUD: 4-29 N.

LONGITUD:

75-48 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1			0.0	28.0	0.0	0.0	0.0	44.0	16.0	2.0	12.0	
2			24.0	22.0	14.0	0.0	0.0	9.0	12.0	0.0	0.0	
3			48.0	5.0	21.0	19.0	0.0	0.0	2.0	6.0	0.0	
4			15.0	25.0	1.0	1.0	8.0	1.0	16.0	0.0	6.0	
5			24.0	9.0	21.0	0.0	62.0	4.0	3.0	0.0	0.0	
6			12.0	0.0	10.0	0.0	0.0	0.0	4.0	25.0	0.0	
7			8.0	0.0	1.0	10.0	0.0	0.0	6.0	0.0	0.0	
8			1.0	30.0	0.0	0.0	0.0	0.0	0.0	27.0	0.0	
9			1.0	0.0	0.0	0.0	0.0	9.0	7.0	7.0	0.0	
10			3.0	0.0	3.0	0.0	3.0	3.0	3.0	0.0	0.0	
11			0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
12			10.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	1.0	
13			12.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0	0.0	
14			0.0	0.0	0.0	14.0	0.0	0.0	6.0	35.0	17.0	
15			12.0	0.0	6.0	0.0	0.0	0.0	0.0	11.0	0.0	
16			1.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	
17			0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	
18			0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	2.0	
19			0.0	0.0	0.0	4.0	0.0	0.0	20.0	0.0	6.0	
20			0.0	0.0	4.0	1.0	0.0	0.0	32.0	0.0	65.0	
21			0.0	0.0	48.0	0.0	0.0	0.0	0.0	5.0	0.0	
22			0.0	1.0	2.0	0.0	0.0	0.0	12.0	0.0	0.0	
23			0.0	5.0	54.0	2.0	2.0	0.0	0.0	0.0	8.0	
24			0.0	59.0	1.0	0.0	10.0	0.0	2.0	0.0	0.0	
25			5.0	10.0	0.0	0.0	3.0	0.0	11.0	39.0	4.0	
26			0.0	0.0	14.0	0.0	4.0	0.0	0.0	5.0	0.0	
27			0.0	81.0	0.0	0.0	7.0	14.0	0.0	27.0	0.0	
28			0.0	11.0	0.0	0.0	0.0	4.0	96.0	5.0	0.0	
29			1.0	8.0	0.0	0.0	14.0	0.0	63.0	8.0	0.0	
30			45.0	1.0	0.0	0.0	7.0	0.0	4.0	4.0	0.0	
31			10.0	0.0	0.0	0.0	40.0	0.0	0.0	9.0	0.0	
Total D. Li.			232.0	295.0	224.0	51.0	167.0	103.0	357.0	225.0	121.0	
TOTALES ANUALES			17	14	15	7	12	10	19	16	9	
										mm.		Días lloviz

ESTACION: LA PRADERA
ALTITUD: 1.350

MUNICIPIO: ARMENIA
LATITUD: 4-28 N.

AÑO:

1.987

LONGITUD:

75-43 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	3.0	0.0	0.0	6.0	0.0	0.0	10.0	13.0	13.0	0.0	0.0	31.0
2	0.0	0.0	0.0	12.0	0.0	0.0	0.0	5.0	9.0	46.0	23.0	6.0
3	0.0	0.0	34.0	2.0	38.0	0.0	6.0	0.0	3.0	12.0	0.0	34.0
4	0.0	0.0	21.0	21.0	7.0	4.0	0.0	0.0	17.0	0.0	0.0	16.0
5	0.0	0.0	10.0	0.0	0.0	0.0	0.0	4.0	2.0	0.0	0.0	8.0
6	38.0	13.0	0.0	0.0	8.0	42.0	0.0	0.0	8.0	13.0	0.0	0.0
7	3.0	0.0	60.0	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	11.0	0.0	0.0	0.0	0.0	0.0	38.0	0.0	0.0
9	0.0	0.0	4.0	0.0	0.0	0.0	8.0	8.0	5.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	2.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
12	0.0	9.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	9.0	0.0	2.0	2.0	0.0	0.0	30.0	3.0	3.0	0.0
14	0.0	5.0	0.0	0.0	0.0	4.0	0.0	0.0	4.0	0.0	22.0	0.0
15	0.0	0.0	6.0	2.0	5.0	0.0	0.0	0.0	0.0	6.0	5.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
17	0.0	6.0	2.0	0.0	0.0	0.0	24.0	0.0	0.0	6.0	19.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0
19	16.0	0.0	0.0	0.0	10.0	13.0	0.0	0.0	18.0	0.0	16.0	0.0
20	0.0	0.0	0.0	0.0	42.0	0.0	0.0	0.0	23.0	13.0	35.0	0.0
21	0.0	0.0	0.0	0.0	46.0	0.0	0.0	0.0	6.0	5.0	0.0	0.0
22	32.0	0.0	0.0	5.0	8.0	0.0	0.0	0.0	11.0	17.0	0.0	0.0
23	0.0	0.0	0.0	2.0	23.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0
24	0.0	0.0	0.0	18.0	0.0	0.0	16.0	0.0	0.0	8.0	22.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	7.0	0.0	0.0
26	0.0	2.0	13.0	4.0	28.0	0.0	0.0	0.0	0.0	12.0	6.0	0.0
27	0.0	0.0	0.0	48.0	0.0	0.0	19.0	0.0	0.0	40.0	0.0	0.0
28	0.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	53.0	3.0	0.0	0.0
29	0.0	0.0	3.0	28.0	0.0	0.0	18.0	0.0	60.0	12.0	8.0	3.0
30	0.0	0.0	38.0	0.0	0.0	0.0	5.0	0.0	3.0	0.0	48.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	52.0	0.0	0.0	13.0	0.0	0.0
Total D. Li.	92.0	37.0	205.0	162.0	220.0	65.0	165.0	40.0	265.0	266.0	221.0	98.0
										mm.		Días lloviz
TOTALES ANUALES			12	13	12	5	11	5	16	18	13	6

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

ESTACION: TUCUMAN

MUNICIPIO: ARMENIA

AÑO:

1.987

ALTITUD: 1.250

LATITUD: 4-32 N.

LONGITUD:

75-44 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC		
1	6.0	0.0	0.0		15.0	0.0	0.0	27.0	8.0	0.0	8.0	44.0		
2	0.0	0.0	0.0		0.0	0.0	0.0	0.0	10.0	27.0	5.0	5.0		
3	0.0	0.0	0.0		0.0	0.0	4.0	0.0	0.0	0.0	0.0	1.0		
4	5.0	0.0	14.0		2.0	0.0	3.0	0.0	22.0	0.0	4.0	4.0		
5	0.0	0.0	20.0		0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0		
6	28.0	19.0	4.0		5.0	0.0	0.0	0.0	7.0	5.0	0.0	0.0		
7	0.0	0.0	0.0		0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0		
8	0.0	5.0	33.0		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	51.0	0.0	0.0		
10	0.0	0.0	4.0		0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0		
11	0.0	5.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	1.0	5.0		
12	0.0	0.0	16.0		0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	29.0		7.0	0.0	0.0	0.0	0.0	11.0	2.0	0.0		
14	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0		
15	0.0	0.0	0.0		0.0	0.0	0.0	0.0	9.0	18.0	33.0	0.0		
16	0.0	0.0	0.0		30.0	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	10.0	0.0	0.0		
18	0.0	0.0	0.0		0.0	0.0	30.0	0.0	7.0	0.0	0.0	0.0		
19	3.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0		
20	0.0	0.0	0.0		0.0	0.0	0.0	0.0	19.0	0.0	27.0	0.0		
21	0.0	0.0	0.0		9.0	5.0	0.0	0.0	0.0	19.0	1.0	0.0		
22	55.0	0.0	0.0		17.0	0.0	0.0	0.0	0.0	10.0	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	0.0		
24	0.0	0.0	0.0		38.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0		
25	0.0	0.0	0.0		0.0	0.0	9.0	0.0	0.0	32.0	5.0	0.0		
26	0.0	0.0	0.0		0.0	0.0	11.0	0.0	0.0	31.0	0.0	0.0		
27	0.0	0.0	0.0		41.0	0.0	2.0	0.0	0.0	31.0	3.0	0.0		
28	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.0	0.0	0.0		0.0	0.0	10.0	0.0	55.0	21.0	0.0	0.5		
30	0.0	0.0	0.0		0.0	0.0	11.0	0.0	28.0	12.0	63.0	4.5		
31	0.0	0.0	65.0	0.0	0.0	0.0	28.0	0.0	0.0	2.0	0.0	0.0		
Total	99.0	29.0	185.0	0.0	164.0	5.0	142.0	60.0	165.0	305.0	177.0	64.0		
D. LI.	6	3	8	0	9	1	11	5	9	15	13	7		
TOTALES ANUALES												1395.0 mm.	87	Dias lluvia

ESTACION: EL PARAISO

MUNICIPIO: CALARCA

AÑO:

1.987

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	40.0	0.0	0.0	0.0	14.0	16.0	0.0	12.0	54.0		
2	0.0	0.0	35.0	11.0	48.0	0.0	0.0	9.0	10.0	38.0	0.0	10.0		
3	0.0	0.0	5.0	28.0	4.0	0.0	0.0	0.0	4.0	15.0	15.0	2.0		
4	10.0	0.0	15.0	0.0	3.0	0.0	0.0	0.0	15.0	0.0	12.0	32.0		
5	0.0	0.0	6.0	0.0	2.0	0.0	0.0	9.0	6.0	5.0	0.0	0.0		
6	13.0	26.0	47.0	0.0	2.0	0.0	0.0	1.0	20.0	35.0	0.0	0.0		
7	5.0	0.0	1.0	4.0	1.0	52.0	0.0	7.0	0.0	15.0	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	9.0	10.0	0.0	1.0	0.0	0.0	6.0	0.0	35.0	0.0	0.0		
10	0.0	0.0	5.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0		
11	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0		
12	0.0	0.0	20.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	7.0	0.0	0.0	0.0	0.0	9.0	0.0	2.0	0.0	0.0		
14	0.0	0.0	1.0	0.0	5.0	5.0	0.0	0.0	42.0	1.0	37.0	0.0		
15	0.0	0.0	1.0	0.0	0.0	7.0	0.0	0.0	3.0	3.0	15.0	0.0		
16	0.0	0.0	1.0	0.0	25.0	0.0	0.0	0.0	0.0	12.0	19.0	0.0		
17	9.0	2.0	0.0	0.0	15.0	0.0	0.0	0.0	1.0	4.0	6.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	7.0	0.0		
19	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	45.0	0.0		
20	0.0	0.0	0.0	0.0	31.0	7.0	0.0	0.0	0.0	0.0	91.0	0.0		
21	0.0	0.0	0.0	0.0	42.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0		
22	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0		
23	0.0	0.0	0.0	34.0	12.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0		
24	9.0	0.0	0.0	4.0	19.0	4.0	0.0	0.0	8.0	0.0	0.0	0.0		
25	0.0	0.0	0.0	18.0	0.0	0.0	10.0	0.0	0.0	45.0	7.0	0.0		
26	0.0	0.0	2.0	3.0	4.0	0.0	4.0	0.0	2.0	2.0	29.0	0.0		
27	0.0	5.0	0.0	4.0	49.0	0.0	4.0	0.0	16.0	0.0	16.0	0.0		
28	0.0	0.0	0.0	41.0	0.0	0.0	5.0	0.0	0.0	2.0	14.0	0.0		
29	0.0	0.0	6.0	5.0	0.0	0.0	1.0	0.0	50.0	17.0	0.0	0.0		
30	0.0	0.0	49.0	19.0	0.0	0.0	5.0	0.0	50.0	37.0	15.0	20.0		
31	2.0	0.0	4.0	0.0	0.0	0.0	30.0	1.0	0.0	0.0	50.0	2.0		
Total	48.0	55.0	214.0	223.0	269.0	75.0	82.0	76.0	252.0	323.0	414.0	125.0		
D. LI.	6	5	16	13	18	5	10	10	16	18	18	7		
TOTALES ANUALES												2156.0 mm.	142	Dias lluvia

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

ESTACION: QUEBRADANEGRA

MUNICIPIO: CALARCA

AÑO:

1.987

ALTITUD: 1.500

LATITUD: 4-31 N.

LONGITUD: 75-38 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	3.0	10.0	0.0	32.0	7.0	0.0	0.0	12.0	1.0	17.0	30.0	0.0
2	13.0	0.0	0.0	7.0	10.0	0.0	0.0	0.0	0.0	13.0	60.0	3.0
3	7.0	1.0	35.0	13.0	13.0	0.0	0.0	0.0	13.0	50.0	15.0	5.0
4	20.0	0.0	9.0	43.0	7.0	3.0	0.0	3.0	0.0	10.0	0.0	20.0
5	0.0	3.0	5.0	0.0	21.0	3.0	0.0	2.0	20.0	18.0	0.0	13.0
6	0.0	0.0	10.0	3.0	10.0	5.0	0.0	1.0	48.0	0.0	0.0	8.0
7	0.0	0.0	37.0	5.0	3.0	5.0	0.0	0.0	0.0	0.0	0.0	10.0
8	0.0	0.0	40.0	3.0	7.0	0.0	0.0	3.0	11.0	3.0	0.0	0.0
9	0.0	0.0	0.0	0.0	3.0	0.0	11.0	10.0	9.0	5.0	0.0	0.0
10	0.0	20.0	0.0	0.0	0.0	0.0	0.0	3.0	8.0	4.0	0.0	0.0
11	0.0	3.0	8.0	0.0	0.0	0.0	0.0	6.0	0.0	7.0	0.0	0.0
12	0.0	10.0	12.0	0.0	0.0	0.0	0.0	3.0	0.0	11.0	7.0	0.0
13	0.0	4.0	16.0	0.0	11.0	0.0	0.0	0.0	30.0	30.0	0.0	0.0
14	0.0	2.0	20.0	0.0	1.0	0.0	0.0	0.0	0.0	3.0	18.0	0.0
15	0.0	0.0	3.0	0.0	5.0	0.0	0.0	0.0	0.0	12.0	10.0	0.0
16	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	60.0	3.0	0.0
17	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	10.0	0.0
18	12.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	10.0	0.0	30.0	0.0
19	8.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	7.0	29.0	0.0
20	20.0	0.0	0.0	0.0	37.0	0.0	0.0	0.0	0.0	0.0	60.0	0.0
21	0.0	0.0	0.0	13.0	14.0	0.0	0.0	0.0	7.0	3.0	0.0	0.0
22	0.0	0.0	0.0	3.0	30.0	0.0	0.0	0.0	3.0	20.0	18.0	0.0
23	0.0	0.0	0.0	7.0	13.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0
24	2.0	0.0	0.0	20.0	7.0	0.0	12.0	0.0	0.0	0.0	20.0	0.0
25	0.0	0.0	0.0	5.0	0.0	0.0	8.0	0.0	3.0	8.0	0.0	0.0
26	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	7.0	10.0	0.0	0.0
27	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	50.0	15.0	5.0
28	3.0	0.0	0.0	3.0	0.0	0.0	10.0	0.0	35.0	34.0	0.0	1.0
29	0.0	0.0	0.0	1.0	0.0	0.0	7.0	0.0	11.0	35.0	0.0	0.0
30	0.0	0.0	3.0	4.0	0.0	0.0	20.0	0.0	20.0	10.0	0.0	0.0
31	5.0	0.0	9.0	0.0	0.0	0.0	37.0	0.0	0.0	0.0	0.0	0.0
Total D. Ll.	96.0	53.0	207.0	182.0	230.0	63.0	105.0	43.0	236.0	470.0	335.0	75.0
TOTALES ANUALES	11	8	13	17	20	4	7	9	16	25	15	8
	2 095.0 mm.											Días llluvia

ESTACION: LA ARGENTINA

MUNICIPIO: LA TEBAIDA

AÑO:

1.987

ALTITUD: 1.200

LATITUD: 4-26 N.

LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	11.0	4.0	0.0	0.0	0.0	1.0	0.0	1.0	38.0
2	0.0	0.0	0.0	16.0	0.0	0.0	0.0	22.0	1.0	7.0	22.0	12.0
3	4.0	0.0	76.0	2.0	32.0	0.0	0.0	1.0	8.0	0.0	25.0	0.0
4	2.0	0.0	0.0	25.0	0.0	12.0	5.0	0.0	26.0	0.0	0.0	0.0
5	0.0	2.0	52.0	0.0	0.0	1.0	0.0	0.0	4.0	7.0	0.0	0.0
6	5.0	16.0	1.0	0.0	6.0	0.0	0.0	0.0	4.0	22.0	0.0	0.0
7	21.0	0.0	35.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	9.0	3.0	0.0	0.0	0.0	0.0	9.0	51.0	1.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
11	0.0	0.0	12.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	8.0
12	0.0	38.0	0.0	0.0	20.0	0.0	0.0	3.0	0.0	0.0	4.0	0.0
13	0.0	0.0	14.0	0.0	0.0	5.0	0.0	0.0	49.0	0.0	4.0	0.0
14	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	6.0	24.0	0.0
15	0.0	0.0	14.0	0.0	2.0	0.0	0.0	0.0	0.0	4.0	24.0	0.0
16	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	24.0	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	4.0	0.0	0.0	19.0	0.0	45.0	0.0
20	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	28.0	11.0	49.0	0.0
21	0.0	0.0	0.0	0.0	44.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
22	38.0	0.0	0.0	10.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	1.0	50.0	0.0	20.0	0.0	7.0	0.0	0.0	0.0
24	0.0	0.0	0.0	50.0	0.0	0.0	10.0	0.0	3.0	8.0	27.0	0.0
25	0.0	0.0	7.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	2.0	0.0	0.0	14.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	38.0	0.0	0.0	27.0	0.0	0.0	30.0	0.0	0.0
28	0.0	0.0	0.0	2.0	0.0	0.0	6.0	0.0	55.0	3.0	0.0	13.0
29	0.0	0.0	0.0	0.0	0.0	0.0	73.0	0.0	50.0	2.0	0.0	0.0
30	0.0	0.0	27.0	14.0	0.0	0.0	6.0	0.0	13.0	3.0	38.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	27.0	0.0	0.0	10.0	0.0	0.0
Total D. Ll.	74.0	56.0	247.0	236.0	255.0	26.0	185.0	42.0	277.0	174.0	265.0	71.0
TOTALES ANUALES	7	3	10	12	13	5	10	6	15	14	13	4
	1 508.0 mm.											Días llluvia

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

ESTACION: LA MIRANDA

MUNICIPIO: LA TEBAIDA

AÑO: 1.987

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	11.0	1.0	0.0	0.0	17.0	9.0	1.0	1.0	9.0		
2	0.0	0.0	0.0	8.0	31.0	0.0	0.0	8.0	0.0	0.0	1.0	15.0		
3	0.0	0.0	50.0	0.0	24.0	0.0	0.0	0.0	14.0	0.0	0.0	5.0		
4	0.0	0.0	39.0	2.0	0.0	1.0	1.0	2.0	9.0	0.0	0.0	1.0		
5	0.0	0.0	10.0	24.0	8.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0		
6	10.0	1.0	17.0	0.0	5.0	0.0	0.0	0.0	10.0	3.0	0.0	0.0		
7	0.0	1.0	1.0	0.0	0.0	0.0	25.0	1.0	1.0	7.0	0.0	0.0		
8	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	3.0	0.0	0.0		
9	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	19.0	0.0	1.0	0.0		
10	0.0	0.0	1.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	1.0		
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0		
12	0.0	61.0	15.0	0.0	34.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0		
13	0.0	10.0	0.0	0.0	16.0	0.0	0.0	0.0	26.0	1.0	36.0	0.0		
14	0.0	0.0	6.0	0.0	11.0	1.0	0.0	0.0	0.0	0.0	22.0	0.0		
15	0.0	0.0	11.0	0.0	44.0	0.0	0.0	0.0	0.0	14.0	1.0	0.0		
16	0.0	0.0	3.0	0.0	28.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0		
17	0.0	0.0	0.0	0.0	0.0	0.0	85.0	0.0	0.0	45.0	0.0	0.0		
18	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	2.0	0.0	0.0	0.0		
20	0.0	0.0	0.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	2.0	61.0	0.0		
22	29.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0		
23	0.0	0.0	0.0	0.0	82.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0		
24	0.0	0.0	0.0	72.0	18.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0		
25	0.0	0.0	28.0	0.0	22.0	0.0	3.0	0.0	0.0	14.0	6.0	0.0		
26	5.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0		
27	0.0	0.0	0.0	84.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	5.0	0.0	0.0	1.0	0.0	0.0	22.0	0.0	0.0		
29	0.0	0.0	0.0	19.0	0.0	0.0	2.0	0.0	18.0	18.0	0.0	24.0		
30	0.0	0.0	21.0	10.0	0.0	0.0	0.0	45.0	43.0	2.0	0.0	0.0		
31	0.0	0.0	14.0	0.0	0.0	0.0	12.0	0.0	2.0	24.0	23.0	0.0		
Total	45.0	73.0	216.0	251.0	383.0	4.0	158.0	86.0	154.0	200.0	152.0	55.0		
D.LI.	4	4	13	12	16	4	11	9	12	16	9	6		
TOTALES ANUALES												1777.0 mm.	118	Días lluvia

ESTACION: MONACO

MUNICIPIO: CORDOBA

AÑO: 1.987

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	1.0	0.0	0.0	5.0	3.0	0.0	0.0	2.0	0.0	30.0	3.0	10.0		
2	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	1.0	4.0	20.0	3.0		
3	0.0	0.0	5.0	6.0	2.0	0.0	0.0	0.0	0.0	2.0	10.0	0.0		
4	0.0	0.0	14.0	3.0	15.0	3.0	3.0	0.0	2.0	8.0	0.0	0.0		
5	0.0	0.0	20.0	0.0	17.0	2.0	0.0	1.0	8.0	20.0	0.0	0.0		
6	0.0	0.0	20.0	0.0	7.0	1.0	0.0	0.0	20.0	10.0	0.0	0.0		
7	20.0	0.0	60.0	2.0	2.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0		
8	3.0	0.0	20.0	0.0	0.0	2.0	0.0	3.0	0.0	20.0	0.0	0.0		
9	0.0	0.0	0.0	0.0	1.0	0.0	1.0	2.0	0.0	0.0	0.0	0.0		
10	1.0	2.0	0.0	0.0	2.0	0.0	0.0	8.0	0.0	8.0	0.0	0.0		
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	4.0	0.0	0.0		
12	0.0	12.0	0.0	0.0	0.0	2.0	0.0	0.0	3.0	10.0	0.0	0.0		
13	0.0	0.0	63.0	0.0	0.0	0.0	0.0	2.0	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	4.0	20.0	30.0	0.0		
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	30.0	0.0		
16	0.0	2.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0		
17	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	5.0	0.0	10.0	1.0	10.0	10.0	0.0	0.0		
19	10.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	8.0	2.0	0.0	0.0		
20	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	40.0	0.0		
21	2.0	0.0	0.0	28.0	10.0	1.0	0.0	0.0	0.0	0.0	55.0	0.0		
22	36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0		
23	1.0	0.0	0.0	8.0	80.0	0.0	1.0	2.0	0.0	10.0	0.0	0.0		
24	0.0	0.0	0.0	0.0	10.0	0.0	0.0	3.0	20.0	0.0	0.0	0.0		
25	0.0	0.0	0.0	0.0	2.0	0.0	20.0	0.0	0.0	30.0	30.0	0.0		
26	2.0	0.0	0.0	9.0	3.0	0.0	2.0	0.0	30.0	3.0	0.0	0.0		
27	0.0	0.0	0.0	71.0	1.0	0.0	1.0	0.0	0.0	30.0	25.0	0.0		
28	0.0	0.0	0.0	25.0	1.0	0.0	5.0	1.0	25.0	20.0	0.0	0.0		
29	0.0	0.0	125.0	35.0	3.0	0.0	2.0	0.0	8.0	50.0	40.0	0.0		
30	0.0	0.0	1.0	2.0	0.0	0.0	10.0	0.0	20.0	40.0	20.0	0.0		
31	2.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	8.0	3.0	0.0		
Total	80.0	16.0	328.0	194.0	210.0	11.0	58.0	25.0	169.0	356.0	328.0	13.0		
D.LI.	11	3	9	11	21	6	11	11	16	25	12	2		
TOTALES ANUALES												1788.0 mm.	138	Días lluvia

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

ESTACION: EL PORVENIR

MUNICIPIO: PIJAO

AÑO: 1.987

ALTITUD: 1.540

LATITUD: 4-19 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	40.0	1.0	0.0	25.0	3.0	0.0	8.0	1.0	20.0	
2	0.0	0.0	0.0	7.0	2.0	0.0	0.0	10.0	0.0	0.0	14.0	7.0	
3	5.0	0.0	27.0	2.0	30.0	1.0	1.0	1.0	0.0	24.0	25.0	2.0	
4	0.0	0.0	0.0	50.0	3.0	2.0	4.0	1.0	36.0	21.0	1.0	30.0	
5	0.0	0.0	39.0	1.0	14.0	0.0	0.0	4.0	2.0	1.0	0.0	0.0	
6	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	1.0	1.0	0.0	
7	36.0	0.0	35.0	0.0	0.0	0.0	6.0	0.0	0.0	39.0	10.0	0.0	
8	0.0	6.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	22.0	0.0	0.0	
9	0.0	0.0	10.0	0.0	0.0	0.0	0.0	8.0	0.0	1.0	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	1.0	0.0	6.0	0.0	0.0	0.0	0.0	
12	0.0	50.0	0.0	0.0	5.0	0.0	0.0	28.0	0.0	0.0	13.0	0.0	
13	0.0	0.0	25.0	0.0	0.0	1.0	0.0	0.0	94.0	3.0	0.0	0.0	
14	0.0	5.0	0.0	0.0	27.0	0.0	0.0	0.0	2.0	1.0	28.0	0.0	
15	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	1.0	10.0	0.0	
16	0.0	0.0	3.0	0.0	0.0	0.0	1.0	0.0	0.0	2.0	0.0	0.0	
17	0.0	0.0	0.0	7.0	0.0	0.0	1.0	0.0	0.0	0.0	2.0	0.0	
18	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	
19	0.0	4.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	1.0	42.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	85.0	0.0	
21	0.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	8.0	0.0	1.0	0.0	
22	20.0	0.0	2.0	15.0	25.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	2.0	0.0	0.0	1.0	0.0	1.0	2.0	0.0	0.0	
24	0.0	0.0	0.0	10.0	0.0	0.0	15.0	0.0	0.0	24.0	59.0	0.0	
25	0.0	0.0	0.0	10.0	3.0	0.0	0.0	0.0	2.0	1.0	1.0	0.0	
26	0.0	0.0	0.0	5.0	6.0	0.0	1.0	0.0	0.0	10.0	35.0	0.0	
27	0.0	0.0	3.0	95.0	0.0	0.0	1.0	0.0	0.0	55.0	1.0	1.0	
28	0.0	0.0	0.0	4.0	0.0	0.0	7.0	0.0	11.0	2.0	0.0	6.0	
29	0.0	0.0	1.0	27.0	0.0	0.0	28.0	0.0	61.0	15.0	0.0	2.0	
30	0.0	0.0	25.0	0.0	0.0	0.0	4.0	0.0	1.0	0.0	27.0	1.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	46.0	0.0	0.0	14.0	0.0	0.0	
Total	71.0	65.0	170.0	275.0	182.0	6.0	41.0	62.0	223.0	251.0	363.0	79.0	
D. LL.	4	4	10	14	14	5	14	9	12	22	19	8	
TOTALES ANUALES							1888.0 mm.			135			Días lluvia

ESTACION: LA ESPERANZA

MUNICIPIO: BUENAVISTA

AÑO: 1.987

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	18.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	7.0	
2	0.0	0.0	0.0	10.0	0.0	0.0	0.0	43.0	0.0	21.0	16.0	4.0	
3	0.0	0.0	35.0	2.0	18.0	0.0	0.0	24.0	0.0	12.0	10.0	0.0	
4	3.0	0.0	0.0	0.0	0.0	9.0	5.0	22.0	26.0	29.0	0.0	6.0	
5	0.0	0.0	16.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	
6	27.0	2.0	4.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	
7	10.0	0.0	23.0	17.0	0.0	17.0	0.0	0.0	0.0	7.0	0.0	0.0	
8	0.0	0.0	8.0	8.0	1.0	3.0	0.0	0.0	0.0	58.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	2.0	0.0	
10	0.0	0.0	2.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	36.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	31.0	0.0	0.0	0.0	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	62.0	0.0	
15	0.0	0.0	12.0	0.0	18.0	0.0	4.0	0.0	0.0	4.0	3.0	0.0	
16	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	13.0	0.0	5.0	
17	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	
19	3.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	44.0	0.0	44.0	0.0	
20	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	5.0	43.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
22	11.0	0.0	0.0	12.0	10.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
23	0.0	0.0	0.0	1.0	55.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
24	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	24.0	0.0	4.0	0.0	
25	0.0	0.0	0.0	3.0	0.0	0.0	4.0	0.0	0.0	4.0	65.0	0.0	
26	0.0	0.0	0.0	2.0	7.0	0.0	6.0	0.0	0.0	0.0	38.0	0.0	
27	0.0	0.0	0.0	70.0	0.0	0.0	0.0	0.0	0.0	66.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	13.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	30.0	0.0	0.0	19.0	0.0	85.0	9.0	110.0	0.0	
30	0.0	0.0	54.0	6.0	0.0	0.0	23.0	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	17.0	0.0	0.0	
Total	54.0	38.0	185.0	193.0	148.0	36.0	64.0	121.0	213.0	264.0	415.0	22.0	
D. LL.	5	2	9	14	9	5	7	7	7	14	14	4	
TOTALES ANUALES							1753.0 mm.			97			Días lluvia

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

ESTACION: VILLA HORIZABA

MUNICIPIO: GENOVA

AÑO: 1.987

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	2.0	0.0	0.0	45.0	22.0	0.0	0.0	3.0	0.0	0.0	33.0	5.0	
2	3.0	0.0	3.0	0.0	19.0	0.0	0.0	0.0	0.0	18.0	20.0	15.0	
3	5.0	0.0	9.0	5.0	9.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
4	0.0	0.0	0.0	10.0	7.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
5	0.0	0.0	45.0	0.0	7.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
6	0.0	0.0	4.0	0.0	1.0	0.0	0.0	10.0	5.0	0.0	0.0	0.0	
7	3.0	0.0	47.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	5.0	
8	36.0	0.0	37.0	1.0	5.0	0.0	0.0	0.0	0.0	33.0	0.0	0.0	
9	0.0	0.0	4.0	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	10.0	10.0	0.0	0.0	0.0	
11	0.0	15.0	0.0	0.0	0.0	4.0	0.0	0.0	3.0	0.0	0.0	0.0	
12	0.0	0.0	39.0	0.0	0.0	0.0	0.0	20.0	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	3.0	0.0	0.0	
14	0.0	3.0	0.0	0.0	5.0	0.0	0.0	0.0	7.0	0.0	1.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	53.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	8.0	0.0	0.0	
18	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	9.0	11.0	0.0	
19	0.0	1.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	6.0	45.0	0.0	
20	10.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0	20.0	64.0	0.0	
21	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	
22	0.0	0.0	5.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	20.0	0.0	0.0	21.0	0.0	5.0	6.0	0.0	0.0	
24	0.0	0.0	1.0	15.0	0.0	18.0	13.0	0.0	0.0	30.0	10.0	0.0	
25	0.0	0.0	0.0	12.0	0.0	0.0	0.0	2.0	9.0	0.0	0.0	1.0	
26	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	4.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	35.0	87.0	10.0	0.0	
28	0.0	0.0	0.0	72.0	0.0	0.0	0.0	4.0	16.0	6.0	0.0	0.0	
29	0.0	0.0	40.0	3.0	0.0	0.0	5.0	0.0	6.0	20.0	47.0	0.0	
30	0.0	0.0	13.0	0.0	1.0	0.0	36.0	0.0	19.0	5.0	9.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	2.0	17.0	15.0	0.0	
Total D.LI.	99.0	19.0	247.0	208.0	105.0	22.0	120.0	50.0	133.0	333.0	288.0	34.0	
	7	3	12	12	13	2	6	7	13	20	14	6	
TOTALES ANUALES											1658.0 mm.	115	Dias lluvia

ESTACION: BUENOS AIRES

MUNICIPIO: GUATICA

AÑO: 1.987

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	0.0	28.0	1.0	0.0	0.0	7.0	6.0	3.0	0.0	1.0	
2	0.0	0.0	0.0	16.0	23.0	0.0	4.0	15.0	23.0	5.0	15.0	3.0	
3	0.0	0.0	1.0	1.0	3.0	0.0	0.0	0.0	2.0	6.0	0.0	0.0	
4	0.0	0.0	0.0	15.0	6.0	22.0	6.0	4.0	20.0	24.0	3.0	6.0	
5	4.0	0.0	12.0	4.0	13.0	2.0	0.0	1.0	0.0	0.0	2.0	15.0	
6	0.0	0.0	0.0	0.0	0.0	1.0	3.0	0.0	5.0	4.0	0.0	2.0	
7	0.0	19.0	0.0	2.0	6.0	6.0	0.0	0.0	13.0	11.0	0.0	0.0	
8	0.0	0.0	7.0	1.0	7.0	2.0	1.0	0.0	0.0	35.0	0.0	0.0	
9	5.0	0.0	2.0	0.0	14.0	0.0	0.0	0.0	12.0	11.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	34.0	0.0	0.0	34.0	7.0	0.0	6.0	
11	0.0	6.0	0.0	0.0	1.0	7.0	25.0	44.0	8.0	1.0	0.0	0.0	
12	0.0	0.0	5.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	
13	0.0	9.0	0.0	0.0	0.0	5.0	0.0	0.0	19.0	6.0	2.0	0.0	
14	0.0	0.0	0.0	0.0	22.0	4.0	2.0	0.0	39.0	11.0	3.0	0.0	
15	0.0	0.0	4.0	8.0	21.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	6.0	0.0	7.0	0.0	6.0	3.0	1.0	0.0	
17	0.0	1.0	3.0	0.0	0.0	3.0	4.0	0.0	0.0	6.0	0.0	0.0	
18	24.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	
19	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	
20	0.0	1.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	
21	2.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	23.0	7.0	7.0	0.0	
22	0.0	0.0	0.0	0.0	15.0	2.0	8.0	0.0	0.0	1.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	4.0	31.0	0.0	0.0	8.0	6.0	0.0	0.0	
24	0.0	0.0	0.0	3.0	2.0	15.0	65.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	12.0	5.0	0.0	0.0	24.0	0.0	7.0	8.0	8.0	0.0	
26	12.0	0.0	7.0	12.0	6.0	0.0	9.0	0.0	0.0	21.0	6.0	0.0	
27	1.0	2.0	27.0	2.0	0.0	0.0	5.0	0.0	4.0	11.0	55.0	0.0	
28	0.0	0.0	3.0	7.0	0.0	0.0	7.0	0.0	4.0	12.0	0.0	10.0	
29	0.0	0.0	0.0	8.0	11.0	0.0	18.0	0.0	0.0	1.0	0.0	12.0	
30	0.0	0.0	19.0	12.0	2.0	8.0	11.0	2.0	10.0	7.0	8.0	5.0	
31	3.0	0.0	5.0	0.0	0.0	0.0	24.0	8.0	0.0	6.0	2.0	0.0	
Total D.LI.	54.0	52.0	117.0	150.0	198.0	142.0	223.0	129.0	241.0	317.0	129.0	60.0	
	8	7	16	18	22	14	17	11	18	26	15	9	
TOTALES ANUALES											1812.0 mm.	181	Dias lluvia

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

ESTACION: OSPIRMA

MUNICIPIO: GUATICA

AÑO: 1.987

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	0.0	9.0	0.0	0.0	0.0	36.0	23.0	0.0	0.0	1.0	
2	0.0	0.0	0.0	10.0	9.0	0.0	0.0	17.0	19.0	0.0	19.0	2.0	
3	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	1.0	10.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	2.0	11.0	1.0	23.0	35.0	6.0	12.0	4.0	
5	0.0	0.0	25.0	9.0	0.0	0.0	0.0	0.0	2.0	12.0	0.0	16.0	
6	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0	1.0	
7	0.0	5.0	1.0	0.0	15.0	17.0	0.0	0.0	12.0	1.0	0.0	0.0	
8	0.0	0.0	5.0	0.0	22.0	8.0	0.0	0.0	0.0	35.0	0.0	0.0	
9	5.0	0.0	0.0	0.0	8.0	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	43.0	0.0	0.0	16.0	0.0	0.0	1.0	
11	0.0	0.0	0.0	0.0	0.0	6.0	18.0	28.0	10.0	2.0	0.0	0.0	
12	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	4.0	0.0	
13	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	12.0	2.0	0.0	0.0	
14	0.0	5.0	0.0	0.0	35.0	0.0	0.0	0.0	22.0	19.0	4.0	0.0	
15	0.0	0.0	3.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	6.0	7.0	0.0	0.0	7.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	8.0	0.0	2.0	0.0	0.0	11.0	0.0	0.0	
18	15.0	8.0	0.0	0.0	0.0	0.0	5.0	0.0	2.0	0.0	4.0	0.0	
19	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	0.0	
20	0.0	0.0	0.0	15.0	6.0	0.0	0.0	0.0	22.0	8.0	10.0	0.0	
21	0.0	0.0	0.0	0.0	10.0	0.0	9.0	0.0	0.0	0.0	5.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	81.0	0.0	0.0	3.0	2.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	20.0	63.0	0.0	2.0	0.0	0.0	0.0	
24	0.0	0.0	5.0	4.0	2.0	0.0	17.0	0.0	6.0	5.0	7.0	0.0	
25	0.0	0.0	12.0	23.0	1.0	0.0	5.0	0.0	0.0	17.0	3.0	0.0	
26	4.0	0.0	0.0	9.0	23.0	0.0	0.0	20.0	0.0	0.0	30.0	0.0	
27	0.0	4.5	25.0	0.0	0.0	0.0	0.5	0.0	0.0	20.0	0.0	16.0	
28	0.0	0.0	2.5	2.0	0.0	0.0	7.0	0.0	4.0	4.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	30.0	4.0	10.0	4.0	2.0	10.0	
30	0.0	0.0	35.0	14.0	10.0	8.0	20.0	2.0	0.0	0.0	2.0	0.0	
31	14.0	0.0	9.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	
Total D. LL.	40.0 5	24.5 5	123.5 11	116.0 11	177.0 15	201.0 9	177.5 12	137.0 8	219.0 20	164.0 18	109.0 14	51.0 8	
TOTALES ANUALES											1539.5 mm.	136	Dias lluvia

ESTACION: LOS NARANJOS

MUNICIPIO: SANTUARIO

AÑO: 1.987

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	0.0	32.0	10.0	0.0	0.0	10.0	0.0	5.0	0.0	5.0	
2	0.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	10.0	
3	0.0	0.0	0.0	0.0	8.0	20.0	0.0	0.0	0.0	0.0	5.0	8.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	20.0	8.0	0.0	20.0	
5	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	10.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0	10.0	10.0	0.0	
7	0.0	0.0	0.0	0.0	10.0	0.0	0.0	5.0	0.0	5.0	8.0	0.0	
8	0.0	0.0	75.0	0.0	5.0	0.0	20.0	0.0	0.0	0.0	0.0	12.0	
9	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	8.0	0.0	0.0	15.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0	20.0	15.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	17.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	10.0	0.0	0.0	10.0	0.0	9.0	0.0	0.0	
14	0.0	0.0	0.0	10.0	5.0	10.0	0.0	0.0	0.0	12.0	10.0	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	10.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	7.0	5.0	
19	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	20.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	10.0	5.0	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	6.0	0.0	0.0	0.0	0.0	8.0	5.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	10.0	10.0	0.0	
25	0.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	10.0	20.0	20.0	0.0	
27	0.0	0.0	0.0	5.0	10.0	0.0	30.0	0.0	0.0	30.0	5.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	60.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	70.0	10.0	0.0	
30	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	18.0	0.0	5.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	20.0	10.0	0.0	0.0	0.0	0.0	
Total D. LL.	11.0 2	0.0 0	159.0 3	82.0 4	58.0 7	43.0 4	155.0 10	63.0 8	168.0 11	286.0 15	142.0 14	55.0 8	
TOTALES ANUALES											1252.0 mm.	86	Dias lluvia

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

ESTACION: LA ORIENTAL

MUNICIPIO: QUINCHIA

AÑO: 1.987

ALTITUD: 1.630

LATITUD: 5-22 N.

LONGITUD: 75-43 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	3.0	0.0	3.0	0.0	16.0	0.0	40.0	0.0	5.0	
2	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	5.0	8.0	1.0	6.0	
3	0.0	0.0	0.0	10.0	1.0	5.0	0.0	0.0	0.0	20.0	0.0	3.0	
4	1.0	0.0	0.0	16.0	3.0	1.0	0.0	0.0	35.0	30.0	0.0	5.0	
5	0.0	0.0	3.0	20.0	0.0	4.0	0.0	0.0	0.0	4.0	0.0	0.0	
6	2.0	0.0	0.0	6.0	0.0	6.0	0.0	2.0	0.0	0.0	0.0	2.0	
7	1.0	0.0	0.0	0.0	0.0	3.0	0.0	12.0	12.0	0.0	0.0	0.0	
8	0.0	0.0	8.0	10.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	10.0	0.0	7.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	5.0	0.0	3.0	
11	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	1.0	15.0	0.0	
12	0.0	2.0	0.0	0.0	6.0	0.0	12.0	2.0	0.0	8.0	12.0	0.0	
13	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	6.0	0.0	
14	0.0	10.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	
15	0.0	0.0	13.0	16.0	9.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0	
16	0.0	0.0	3.0	5.0	3.0	0.0	16.0	0.0	0.0	7.0	13.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	2.0	40.0	0.0	
18	10.0	3.0	0.0	0.0	5.0	1.0	11.0	0.0	0.0	5.0	30.0	0.0	
19	6.0	0.0	0.0	3.0	0.0	0.0	6.0	0.0	0.0	8.0	15.0	0.0	
20	0.0	0.0	0.0	0.0	6.0	0.0	2.0	0.0	22.0	0.0	20.0	0.0	
21	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	6.0	0.0	8.0	0.0	0.0	0.0	14.0	0.0	
23	0.0	0.0	0.0	6.0	2.0	0.0	0.0	0.0	3.0	10.0	0.0	0.0	
24	0.0	0.0	13.0	3.0	3.0	0.0	0.0	0.0	2.0	6.0	11.0	0.0	
25	0.0	0.0	3.0	4.0	6.0	2.0	0.0	0.0	0.0	45.0	9.0	0.0	
26	0.0	0.0	6.0	0.0	0.0	0.0	13.0	0.0	0.0	45.0	3.0	0.0	
27	0.0	0.0	19.0	2.0	0.0	0.0	9.0	0.0	0.0	55.0	0.0	0.0	
28	0.0	0.0	0.0	6.0	2.0	0.0	18.0	0.0	23.0	40.0	0.0	2.0	
29	0.0	0.0	9.0	8.0	8.0	0.0	21.0	0.0	33.0	22.0	2.0	0.0	
30	0.0	0.0	13.0	6.0	0.0	0.0	19.0	0.0	0.0	15.0	2.0	0.0	
31	0.0	0.0	6.0	0.0	0.0	0.0	12.0	0.0	0.0	3.0	0.0	0.0	
Total D.LL.	20.0 5	19.0 4	106.0 12	136.0 17	80.0 18	27.0 9	160.0 13	32.0 4	149.0 9	539.0 26	193.0 15	26.0 7	
TOTAL ES ANUALES											1487.0 mm.	139	Dias lluvia

ESTACION: EL DIAMANTE

MUNICIPIO: QUINCHIA

AÑO: 1.987

ALTITUD: 1.550

LATITUD: 5-19 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	22.0	22.0	0.0	0.0	7.0	0.0	0.0	0.0	38.0	
2	0.0	0.0	0.0	13.0	18.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	3.0	4.0	2.0	16.0	1.0	0.0	
4	0.0	0.0	0.0	0.0	7.0	0.0	1.0	7.0	22.0	20.0	0.0	0.0	
5	9.0	0.0	3.0	11.0	0.0	6.0	2.0	0.0	0.0	1.0	0.0	0.0	
6	0.0	0.0	2.0	0.0	0.0	0.0	4.0	3.0	10.0	19.0	0.0	11.0	
7	5.0	3.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	
8	0.0	0.0	6.0	7.0	0.0	0.0	0.0	0.0	34.0	20.0	0.0	0.0	
9	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
10	11.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	4.0	33.0	0.0	2.0	19.0	36.0	
12	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	2.0	25.0	0.0	0.0	17.0	2.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	5.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	
15	0.0	0.0	8.0	0.0	22.0	0.0	3.0	0.0	0.0	2.0	0.0	0.0	
16	0.0	0.0	2.0	2.0	6.0	0.0	0.0	39.0	0.0	0.0	18.0	0.0	
17	0.0	0.0	0.0	18.0	2.0	0.0	11.0	0.0	6.0	11.0	0.0	0.0	
18	21.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	
19	4.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	3.0	7.0	0.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	
21	0.0	0.0	0.0	0.0	4.0	1.0	0.0	0.0	28.0	0.0	30.0	0.0	
22	0.0	0.0	0.0	0.0	1.0	4.0	0.0	0.0	0.0	0.0	7.0	0.0	
23	0.0	0.0	8.0	18.0	10.0	0.0	74.0	0.0	3.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	21.0	21.0	0.0	12.0	0.0	0.0	25.0	0.0	0.0	
25	0.0	0.0	23.0	13.0	0.0	0.0	0.5	0.0	0.0	35.0	0.0	0.0	
26	3.0	0.0	2.0	10.0	0.0	0.0	0.0	27.0	0.0	2.0	0.0	0.0	
27	0.0	3.0	0.0	0.0	0.0	0.0	4.0	3.0	0.0	37.0	11.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	12.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	6.0	0.0	0.0	0.0	
30	0.0	0.0	21.0	2.0	0.0	0.0	13.0	0.0	12.0	0.0	0.0	14.0	
31	0.0	0.0	13.0	0.0	0.0	0.0	24.0	6.0	0.0	0.0	0.0	0.0	
Total D.LL.	56.0 7	22.0 6	127.0 14	140.0 12	127.0 14	28.0 4	237.5 17	90.0 8	175.0 12	242.0 17	110.0 7	59.0 4	
TOTAL ES ANUALES											1453.5 mm.	122	Dias lluvia

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

ESTACION: TESORITO MUNICIPIO: LA CELIA AÑO: 1.987
 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	20.0	0.0	0.0	52.0	0.0	0.0	0.0	30.0	10.0	0.0	0.0	6.0
2	0.0	0.0	0.0	3.0	27.0	0.0	6.0	23.0	7.0	0.0	6.0	25.0
3	0.0	0.0	0.0	5.0	37.0	0.0	41.0	0.0	1.0	2.0	1.0	10.0
4	25.0	0.0	2.0	6.0	5.0	15.0	19.0	4.0	54.0	14.0	0.0	30.0
5	0.0	9.0	35.0	0.0	8.0	6.0	0.0	43.0	2.0	1.0	0.0	9.0
6	0.0	3.0	0.0	0.0	28.0	0.0	1.0	1.0	20.0	0.0	27.0	34.0
7	26.0	6.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	2.0	36.0	0.0
8	0.0	0.0	3.0	26.0	18.0	0.0	0.0	0.0	5.0	33.0	0.0	14.0
9	2.0	0.0	8.0	2.0	3.0	0.0	5.0	5.0	14.0	0.0	2.0	0.0
10	0.0	0.0	2.0	0.0	0.0	3.0	0.0	1.0	0.0	20.0	6.0	0.0
11	1.0	1.0	0.0	0.0	15.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0
12	0.0	18.0	20.0	1.0	11.0	4.0	6.0	3.0	0.0	0.0	24.0	0.0
13	0.0	9.0	0.0	0.0	10.0	0.0	0.0	0.0	40.0	17.0	7.0	0.0
14	0.0	0.0	3.0	0.0	0.0	31.0	8.0	0.0	0.0	15.0	70.0	3.0
15	0.0	0.0	0.0	1.0	0.0	2.0	0.0	0.0	0.0	0.0	19.0	0.0
16	0.0	0.0	0.0	0.0	67.0	0.0	0.0	0.0	0.0	24.0	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	1.0	0.0
18	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	17.0	0.0
19	22.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
20	0.0	0.0	0.0	0.0	15.0	4.0	0.0	0.0	21.0	50.0	16.0	0.0
21	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
22	27.0	5.0	0.0	7.0	22.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
23	0.0	0.0	8.0	3.0	8.0	15.0	2.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	18.0	2.0	0.0	12.0	0.0	2.0	10.0	0.0	0.0
25	0.0	0.0	15.0	34.0	0.0	0.0	27.0	0.0	0.0	7.0	2.0	0.0
26	0.0	0.0	0.0	8.0	12.0	0.0	0.0	2.0	0.0	5.0	8.0	0.0
27	9.0	0.0	7.0	4.0	0.0	0.0	3.0	1.0	0.0	0.0	0.0	5.0
28	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	20.0	48.0	0.0	4.0
29	0.0	0.0	0.0	5.0	0.0	0.0	15.0	0.0	0.0	18.0	0.0	0.0
30	0.0	0.0	30.0	8.0	0.0	16.0	31.0	0.0	14.0	0.0	16.0	0.0
31	0.0	0.0	5.0	0.0	7.0	0.0	72.0	9.0	0.0	0.0	0.0	5.0
Total D.LL.	146.0	53.0	138.0	186.0	296.0	96.0	248.0	158.0	212.0	281.0	261.0	145.0
TOTALES ANUALES	9	8	12	17	18	9	14	13	15	16	17	11
	2 220.0 mm.										Dias lluvia 159	

ESTACION: LA TRIBUNA MUNICIPIO: EALBOA AÑO: 1.987
 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	0.0	-20.0	0.0	0.0	0.0	40.0	0.0	5.0	0.0	0.0
2	0.0	0.0	0.0	30.0	20.0	0.0	0.0	15.0	15.0	0.0	0.0	0.0
3	0.0	0.0	0.0	10.0	40.0	0.0	5.0	0.0	10.0	0.0	0.0	15.0
4	0.0	0.0	0.0	5.0	0.0	5.0	15.0	5.0	30.0	0.0	0.0	0.0
5	0.0	5.0	20.0	0.0	20.0	0.0	0.0	15.0	5.0	15.0	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	45.0	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	10.0	40.0	20.0	0.0	0.0	10.0	0.0	0.0	20.0	0.0
9	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	30.0	10.0	0.0	0.0
10	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	10.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0
13	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
14	0.0	5.0	0.0	0.0	5.0	20.0	0.0	0.0	15.0	10.0	20.0	0.0
15	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	30.0	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	8.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	12.0	0.0	0.0	0.0	5.0	20.0	0.0	0.0	0.0	20.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
22	0.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	10.0	20.0	0.0	0.0
24	0.0	0.0	5.0	20.0	0.0	10.0	30.0	0.0	0.0	50.0	0.0	0.0
25	0.0	0.0	5.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	40.0	10.0	0.0	10.0	0.0	20.0	30.0	0.0	0.0
27	10.0	0.0	5.0	0.0	0.0	0.0	5.0	0.0	10.0	40.0	0.0	0.0
28	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	10.0	0.0	0.0	25.0	0.0	15.0	10.0	5.0	0.0
30	0.0	0.0	15.0	10.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0	0.0
31	0.0	0.0	50.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0
Total D.LL.	30.0	85.0	145.0	215.0	170.0	55.0	180.0	120.0	175.0	245.0	55.0	25.0
TOTALES ANUALES	3	4	10	13	11	4	10	7	12	12	4	2
	1 500.0 mm.										Dias lluvia 92	

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

ESTACION: LA PALMERA

MUNICIPIO: MARSELLA

AÑO: 1.987

ALTITUD: 1.450

LATITUD: 5-00 N.

LONGITUD: 75-45 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	10.0	0.0	0.0	10.0	10.0	19.0	0.0	20.0	
2	0.0	0.0	0.0	13.0	5.0	0.0	18.0	5.0	6.0	0.0	11.0	9.0	
3	0.0	0.0	0.0	0.0	1.0	11.0	0.0	20.0	0.0	0.0	0.0	24.0	
4	0.0	0.0	0.0	0.0	0.0	10.0	13.0	40.0	0.0	30.0	12.0	4.0	
5	0.0	0.0	30.0	0.0	0.0	0.0	6.0	0.0	0.0	4.0	0.0	3.0	
6	15.0	0.0	5.0	0.0	0.0	0.0	5.0	4.0	4.0	0.0	2.0	0.0	
7	20.0	7.0	16.0	0.0	0.0	5.0	5.0	0.0	2.0	20.0	0.0	5.0	
8	0.0	0.0	0.0	13.0	0.0	0.0	1.0	0.0	0.0	40.0	0.0	0.0	
9	14.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	11.0	0.0	0.0	0.0	0.0	1.0	0.0	50.0	0.0	0.0	2.0	0.0	
11	2.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	5.0	12.0	0.0	0.0	
12	0.0	5.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	20.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	10.0	0.0	0.0	0.0	35.0	15.0	45.0	2.0	38.0	0.0	
15	0.0	10.0	5.0	0.0	49.0	10.0	0.0	18.0	2.0	4.0	5.0	0.0	
16	0.0	0.0	1.0	0.0	30.0	0.0	0.0	3.0	0.0	3.0	15.0	0.0	
17	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	5.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	2.0	25.0	0.0	0.0	
19	5.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	
20	2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	5.0	0.0	31.0	0.0	
21	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	10.0	0.0	2.0	0.0	
22	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	31.0	0.0	12.0	0.0	
23	0.0	0.0	0.0	0.0	41.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	2.0	27.0	70.0	5.0	11.0	32.0	0.0	0.0	
25	15.0	0.0	0.0	10.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	
26	3.0	0.0	0.0	25.0	24.0	0.0	27.0	0.0	0.0	1.0	18.0	0.0	
27	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	4.0	12.0	0.0	0.0	
28	0.0	10.0	0.0	15.0	0.0	0.0	35.0	0.0	0.0	9.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	43.0	6.0	0.0	58.0	0.0	16.0	
30	0.0	0.0	0.0	2.0	0.0	0.0	30.0	0.0	0.0	3.0	0.0	3.0	
31	0.0	0.0	17.0	20.0	15.0	17.0	100.0	2.0	30.0	28.0	73.0	31.0	
Total	92.0	32.0	161.0	117.0	235.0	81.0	429.0	251.0	137.0	342.0	224.0	115.0	
D. L.I.	10	4	13	10	12	7	15	18	14	19	13	9	
TOTALES ANUALES											2216.0 mm.	144	Dias lluvia

ESTACION: MORENITA

MUNICIPIO: MARSELLA

AÑO: 1.987

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	0.0	30.0	0.0	0.0	0.0	10.0	10.0	10.0	0.0	0.0	
2	0.0	0.0	0.0	10.0	0.0	3.0	10.8	6.0	0.0	6.0	8.0	5.6	
3	0.0	0.0	10.0	5.0	0.0	0.0	10.6	0.0	0.0	3.0	6.0	0.0	
4	0.0	6.0	0.0	0.0	0.0	0.0	0.0	80.0	9.0	68.0	0.0	0.0	
5	0.0	0.0	18.0	0.0	6.5	14.0	0.0	9.0	0.0	0.0	0.0	0.0	
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	
7	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	9.6	
8	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	
9	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	7.6	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	18.0	7.0	0.0	0.0	0.0	0.0	
11	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	10.0	0.0	0.0	
12	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	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	16.0	0.0	0.0	20.6	7.0	6.0	0.0	
15	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
16	0.0	0.0	0.0	0.0	0.0	20.0	10.0	0.0	5.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	5.9	10.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	8.6	0.0	
20	5.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	8.0	0.0	
21	0.0	0.0	30.0	0.0	10.0	9.0	0.0	9.0	6.0	0.0	10.0	0.0	
22	21.0	0.0	0.0	30.5	9.8	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	18.0	6.0	5.6	0.0	90.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	7.0	8.9	4.5	0.0	0.0	0.0	
25	0.0	0.0	0.0	30.0	0.0	0.0	9.0	10.0	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	5.0	0.0	0.0	10.0	3.0	0.0	0.0	0.0	0.0	
28	10.0	0.0	0.0	30.8	0.0	0.0	6.0	0.0	0.0	6.0	0.0	0.0	
29	23.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	15.0	10.0	0.0	0.0	16.0	0.0	0.0	0.0	7.6	0.0	
31	0.0	0.0	5.0	0.0	0.0	1.0	10.0	10.0	0.0	0.0	0.0	0.0	
Total	100.0	31.0	109.5	221.3	41.1	80.0	103.4	185.5	95.7	227.9	79.2	35.2	
D. L.I.	7	2	9	8	5	7	11	13	12	12	10	4	
TOTALES ANUALES											1309.8 mm.	100	Dias lluvia

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

ESTACION: EL BOSQUE

MUNICIPIO: DOSQUEBRADAS AÑO: 1.987

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	0.0	0.0	0.0	0.0	5.0	0.0	3.0	5.0	12.0	0.0	0.0	4.0	
2	0.0	0.0	0.0	7.0	15.0	0.0	0.0	10.0	0.0	0.0	11.0	6.0	
3	0.0	0.0	0.0	3.0	14.0	0.0	10.0	0.0	13.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	3.0	0.0	12.0	2.0	0.0	0.0	0.0	0.0	
5	0.0	33.0	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	3.0	0.0	0.0	0.0	8.0	
7	16.0	13.0	8.0	0.0	0.0	0.0	0.0	4.0	0.0	60.0	0.0	0.0	
8	0.0	4.0	0.0	62.0	0.0	0.0	0.0	0.0	33.0	40.0	0.0	0.0	
9	0.0	0.0	22.0	0.0	0.0	0.0	28.0	11.0	0.0	20.0	0.0	0.0	
10	0.0	0.0	9.0	0.0	0.0	0.0	0.0	9.0	0.0	30.0	0.0	0.0	
11	2.0	0.0	20.0	15.0	24.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
12	0.0	2.0	17.0	0.0	14.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	30.0	3.0	0.0	0.0	0.0	22.0	52.0	0.0	0.0	0.0	
14	0.0	3.0	8.0	0.0	0.0	0.0	4.0	0.0	0.0	25.0	0.0	0.0	
15	0.0	0.0	1.0	0.0	41.0	0.0	5.0	0.0	0.0	40.0	0.0	0.0	
16	0.0	11.0	0.0	0.0	56.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	1.0	0.0	0.0	0.0	0.0	78.0	0.0	0.0	0.0	36.0	0.0	
18	8.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	31.0	0.0	0.0	0.0	
19	6.0	0.0	0.0	4.0	0.0	0.8	7.0	0.0	49.0	25.0	0.0	0.0	
20	15.0	0.0	0.0	3.0	16.0	0.0	3.0	0.0	0.0	14.0	40.0	0.0	
21	0.0	0.0	0.0	0.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	18.0	0.0	0.0	0.0	38.0	10.0	0.0	0.0	12.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	7.0	71.0	79.0	2.0	0.0	13.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	40.0	0.0	0.0	6.0	12.0	21.0	40.0	0.0	0.0	
25	0.0	0.0	4.0	0.0	0.0	12.0	0.0	0.0	77.0	0.0	0.0	0.0	
26	0.0	0.0	2.0	10.0	30.0	15.0	0.0	0.0	17.0	30.0	0.0	0.0	
27	0.0	0.0	14.0	5.0	0.0	0.0	82.0	0.0	0.0	60.0	0.0	0.0	
28	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	
29	0.0	0.0	12.0	20.0	0.0	0.0	44.0	0.0	68.0	16.0	60.0	0.0	
30	0.0	0.0	43.0	11.0	0.0	12.0	12.0	0.0	0.0	32.0	0.0	0.0	
31	0.0	0.0	2.0	0.0	33.0	0.0	11.0	0.0	0.0	16.0	0.0	24.0	
Total D. Ll.	65.0	67.0	192.0	200.0	415.0	134.0	313.0	88.0	398.0	498.0	147.0	42.0	
TOTALES ANUALES								2559.0 mm.			123		Días lluvia

ESTACION: EL CASTILLO

MUNICIPIO: SANTA ROSA

AÑO: 1.987

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	5.0	5.0	
2	0.0	0.0	10.0	0.0	10.0	0.0	0.0	20.0	0.0	10.0	0.0	0.0	
3	0.0	0.0	0.0	5.0	20.0	10.0	25.0	0.0	5.0	5.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	30.0	0.0	0.0	20.0	10.0	30.0	0.0	5.0	
5	0.0	15.0	10.0	0.0	10.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
6	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	
7	5.0	10.0	20.0	0.0	0.0	15.0	0.0	60.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	5.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	5.0	15.0	0.0	
10	10.0	0.0	0.0	0.0	0.0	30.0	0.0	5.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	5.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	
12	0.0	5.0	0.0	5.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	10.0	0.0	20.0	20.0	0.0	0.0	40.0	75.0	20.0	15.0	
14	0.0	0.0	5.0	0.0	30.0	0.0	10.0	0.0	0.0	5.0	20.0	0.0	
15	0.0	0.0	10.0	5.0	10.0	15.0	20.0	0.0	0.0	20.0	0.0	0.0	
16	0.0	0.0	5.0	0.0	60.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0	
17	0.0	5.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	
19	5.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	5.0	0.0	10.0	0.0	
20	0.0	0.0	0.0	45.0	50.0	0.0	40.0	0.0	7.0	20.0	40.0	0.0	
21	10.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	15.0	30.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	50.0	5.0	5.0	0.0	0.0	5.0	0.0	0.0	
24	0.0	0.0	0.0	80.0	10.0	0.0	0.0	0.0	10.0	15.0	10.0	0.0	
25	5.0	0.0	0.0	20.0	0.0	0.0	15.0	0.0	0.0	20.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	80.0	0.0	5.0	0.0	0.0	100.0	0.0	0.0	
27	0.0	0.0	0.0	5.0	0.0	0.0	10.0	0.0	0.0	15.0	0.0	5.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	10.0	10.0	0.0	0.0	
29	0.0	0.0	0.0	10.0	0.0	0.0	5.0	10.0	55.0	5.0	40.0	0.0	
30	0.0	0.0	10.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	55.0	0.0	
31	0.0	0.0	0.0	0.0	40.0	0.0	30.0	15.0	0.0	10.0	0.0	0.0	
Total D. Ll.	40.0	35.0	110.0	180.0	505.0	125.0	240.0	140.0	162.0	425.0	295.0	35.0	
TOTALES ANUALES								2292.0 mm.			123		Días lluvia

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

ESTACION:

HIROSHIMA
1.340

MUNICIPIO:

PEREIRA
4-46 N.

AÑO:

1.987

ALTITUD:

LATITUD:

LONGITUD:

75-44 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	1.0	5.0	0.0	42.0		
2	0.0	1.6	0.0	4.9	25.8	9.6	13.0	7.4	0.0	0.0	0.0	27.0		
3	0.0	0.0	0.0	2.1	48.9	8.7	0.0	4.0	5.0	4.0	0.0	16.0		
4	0.0	0.0	6.2	12.3	0.0	0.5	9.0	0.0	10.0	6.0	9.1	13.0		
5	0.0	0.0	26.5	0.0	0.0	10.6	0.0	0.0	23.0	9.0	16.0	0.0		
6	1.5	5.3	1.3	11.2	6.4	0.0	0.0	0.0	9.0	12.0	0.0	0.0		
7	5.4	12.1	2.6	0.0	0.0	8.0	0.0	3.3	31.0	19.0	0.0	0.0		
8	0.0	0.0	0.0	6.2	52.0	15.0	5.0	0.0	38.0	21.0	2.5	0.0		
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	21.0	17.0	13.0	0.0		
10	0.0	0.0	7.8	0.0	4.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0		
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	0.0	0.0	0.0	0.0		
12	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	24.0	14.0	0.0	0.0		
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	9.0	3.0	6.5	0.0		
14	0.0	15.8	0.0	1.6	16.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0		
15	0.0	0.0	0.0	0.0	16.0	6.0	5.0	0.0	0.0	0.0	0.0	0.0		
16	0.0	0.0	9.6	0.0	0.0	0.0	0.0	0.0	20.0	2.0	0.0	0.0		
17	0.0	6.4	0.0	0.0	17.0	0.0	0.0	0.0	10.0	6.0	14.0	0.0		
18	0.6	0.0	0.0	0.0	0.5	0.0	50.0	0.0	13.0	13.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	18.0	7.5	0.0		
20	1.7	0.0	0.0	4.3	0.0	0.0	0.0	10.0	0.0	0.0	9.0	0.0		
21	0.0	0.0	6.2	0.0	10.0	0.0	0.5	0.0	0.0	0.0	41.0	0.0		
22	29.7	0.0	0.0	0.0	17.0	0.0	0.0	0.0	11.0	11.0	0.0	0.0		
23	8.5	0.0	0.0	0.0	48.0	0.0	0.0	0.0	38.0	38.0	0.0	0.0		
24	0.0	0.0	0.0	0.0	19.0	3.8	6.0	0.0	41.0	41.0	9.4	0.0		
25	0.0	0.0	0.0	15.5	0.0	0.0	10.0	0.0	20.0	22.0	38.0	17.0		
26	0.0	0.0	0.8	10.0	0.0	13.0	4.0	0.0	0.0	0.0	12.0	0.0		
27	0.0	0.0	0.0	1.6	23.0	0.0	0.0	0.0	18.0	18.0	7.5	0.0		
28	0.0	0.0	4.7	9.3	0.0	0.0	13.0	0.0	10.0	19.0	0.0	0.0		
29	0.0	0.0	0.0	6.2	0.0	0.0	39.0	0.0	0.0	0.0	28.0	0.0		
30	0.0	0.0	0.0	12.4	0.0	17.0	14.0	0.0	20.0	20.0	32.0	0.0		
31	0.0	0.0	10.0	22.4	0.0	0.0	3.0	17.3	19.5	8.0	10.0	19.0		
Total	47.4	41.2	75.7	126.1	312.1	98.5	203.5	114.7	395.5	326.0	255.5	134.0		
D. L.I.	6	5	10	15	15	11	15	9	22	22	16	6		
TOTALES ANUALES											2 130.2 mm.		152	Días lluvia

ESTACION: LA PASTORA
ALTITUD: 2.500

MUNICIPIO:

PEREIRA
4-48 N.

AÑO:

1.987

ALTITUD:

LATITUD:

LONGITUD:

75-41 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	4.0	10.0	12.0	0.0	0.0		0.0	15.0	45.0	40.0	
2	0.0	0.0	20.0	10.0	5.0	0.0	3.0		15.0	17.0	16.0	45.0	
3	0.0	0.0	0.0	35.0	25.0	5.0	13.0		8.0	19.0	23.0	22.0	
4	12.0	15.0	0.0	0.0	0.0	40.0	0.0		50.0	0.0	0.0	15.0	
5	18.0	12.0	15.0	50.0	30.0	0.0	0.0		15.0	12.0	15.0	0.0	
6	5.0	18.0	0.0	0.0	30.0	10.0	0.0		0.0	10.0	0.0	3.0	
7	0.0	30.0	0.0	0.0	10.0	2.0	0.0		3.0	8.0	0.0	2.0	
8	2.0	0.0	25.0	0.0	7.0	0.0	0.0		5.0	20.0	0.0	7.0	
9	5.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	3.0	0.0	8.0	
10	0.0	0.0	0.0	0.0	0.0	65.0	0.0		0.0	0.0	0.0	0.0	
11	0.0	15.0	0.0	0.0	0.0	12.0	0.0		0.0	45.0	0.0	0.0	
12	0.0	3.0	10.0	0.0	0.0	0.0	0.0		0.0	15.0	13.0	0.0	
13	0.0	18.0	3.0	3.0	10.0	15.0	0.0		0.0	25.0	2.0	0.0	
14	0.0	3.0	6.0	0.0	5.0	3.0	15.0		0.0	15.0	55.0	0.0	
15	0.0	0.0	12.0	0.0	40.0	0.0	0.0		0.0	17.0	8.0	0.0	
16	0.0	0.0	6.0	0.0	35.0	0.0	20.0		0.0	15.0	40.0	0.0	
17	8.0	4.0	0.0	0.0	0.0	0.0	13.0		0.0	32.0	35.0	0.0	
18	7.0	0.0	0.0	0.0	0.0	0.0	35.0		0.0	58.0	40.0	0.0	
19	3.0	0.0	0.0	0.0	3.0	0.0	0.0		10.0	0.0	38.0	0.0	
20	0.0	0.0	0.0	7.0	8.0	0.0	0.0		18.0	15.0	14.0	0.0	
21	0.0	0.0	0.0	10.0	0.0	0.0	0.0		8.0	5.0	4.0	0.0	
22	4.0	0.0	0.0	25.0	25.0	0.0	12.0		18.0	16.0	10.0	0.0	
23	0.0	0.0	3.0	13.0	60.0	0.0	0.0		7.0	5.0	30.0	0.0	
24	0.0	0.0	0.0	48.0	25.0	0.0	0.0		15.0	33.0	35.0	0.0	
25	0.0	0.0	0.0	35.0	5.0	0.0	8.0		0.0	15.0	30.0	0.0	
26	0.0	0.0	0.0	5.0	35.0	0.0	10.0		0.0	3.0	10.0	0.0	
27	0.0	0.0	0.0	8.0	0.0	0.0	2.0		0.0	40.0	0.0	0.0	
28	0.0	0.0	0.0	40.0	0.0	0.0	0.0		0.0	0.0	15.0	0.0	
29	0.0	0.0	30.0	50.0	0.0	13.0	0.0		25.0	50.0	30.0	0.0	
30	0.0	0.0	20.0	45.0	0.0	0.0	35.0		18.0	40.0	15.0	0.0	
31	0.0	0.0	15.0	0.0	2.0	0.0	0.0		0.0	23.0	0.0	0.0	
Total	64.0	118.0	169.0	394.0	376.0	165.0	166.0		215.0	571.0	523.0	142.0	
D. L.I.	9	9	13	16	20	9	11		14	27	22	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: COMBIA

MUNICIPIO: PEREIRA

AÑO: 1.987

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	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	2.0	1.0	10.0	
2	0.0	4.0	0.0	23.0	55.0	0.0	0.0	13.0	1.0	1.0	4.0	15.0	
3	0.0	0.0	0.0	5.0	60.0	2.0	10.0	0.0	2.0	10.0	5.0	5.0	
4	0.0	0.0	6.0	5.0	1.0	1.0	16.0	5.0	11.0	3.0	0.0	5.0	
5	0.0	0.0	20.0	1.0	0.0	2.0	0.0	2.0	2.0	4.0	0.0	0.0	
6	15.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	3.0	4.0	
7	1.0	1.0	16.0	0.0	0.0	19.0	0.0	5.0	0.0	46.0	51.0	21.0	
8	0.0	0.0	5.0	17.0	0.0	1.0	2.0	0.0	6.0	29.0	0.0	0.0	
9	0.0	0.0	2.0	0.0	0.0	0.0	4.0	11.0	5.0	2.0	0.0	1.0	
10	0.0	0.0	4.0	0.0	5.0	0.0	0.0	6.0	0.0	1.0	0.0	1.0	
11	0.0	0.0	1.0	19.0	0.0	1.0	0.0	3.0	0.0	16.0	0.0	0.0	
12	0.0	5.0	0.0	7.0	0.0	2.0	0.0	3.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	21.0	0.0	5.0	7.0	10.0	0.0	16.0	0.0	0.0	0.0	
14	0.0	2.0	0.0	0.0	0.0	1.0	3.0	0.0	2.0	11.0	42.0	0.0	
15	0.0	0.0	1.0	1.0	14.0	0.0	1.0	0.0	0.0	8.0	1.0	4.0	
16	0.0	10.0	4.0	0.0	6.0	0.0	0.0	0.0	1.0	46.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	1.0	49.0	0.0	1.0	1.0	0.0	0.0	
18	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	21.0	0.0	
19	1.0	0.0	0.0	11.0	0.0	0.0	2.0	0.0	21.0	0.0	12.0	0.0	
20	0.0	1.0	0.0	0.0	17.0	0.0	0.0	0.0	3.0	4.0	23.0	0.0	
21	1.0	0.0	2.0	0.0	19.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
22	6.0	0.0	4.0	0.0	62.0	0.0	1.0	0.0	15.0	3.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	7.0	17.0	17.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	29.0	0.0	1.0	0.0	0.0	12.0	13.0	17.0	0.0	
25	0.0	0.0	0.0	10.0	0.0	0.0	13.0	0.0	13.0	6.0	1.0	0.0	
26	0.0	0.0	4.0	1.0	23.0	0.0	2.0	0.0	0.0	12.0	0.0	0.0	
27	0.0	0.0	6.0	35.0	0.0	0.0	18.0	0.0	0.0	50.0	0.0	0.0	
28	0.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	1.0	5.0	0.0	1.0	
29	0.0	0.0	1.0	13.0	0.0	0.0	11.0	0.0	1.0	52.0	0.0	30.0	
30	0.0	0.0	45.0	29.0	0.0	18.0	5.0	0.0	3.0	27.0	60.0	0.0	
31	0.0	0.0	0.0	0.0	4.0	0.0	54.0	5.0	0.0	29.0	0.0	29.0	
Total D. LL.	26.0 6	27.0 7	144.0 17	214.0 17	278.0 13	73.0 13	222.0 19	53.0 9	127.0 20	382.0 25	241.0 13	126.0 12	
TOTALES ANUALES								1913.0 mm.			171		Dias lluvia

ESTACION: LA PLAYA
ALTITUD: 1.350

MUNICIPIO: PEREIRA
LATITUD: 4-45 N.

AÑO: 1.987
LONGITUD: 75-44 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0		40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	
2	0.0	0.0		9.0	61.0	0.0	0.0	16.0	3.0	0.0	0.0	12.0	
3	0.0	0.0		3.0	63.0	3.0	0.0	0.0	0.0	17.0	0.0	0.0	
4	0.0	0.0		14.0	0.0	0.0	33.0	3.0	12.0	0.0	0.0	10.0	
5	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
6	14.0	0.0		0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	5.0	5.0		0.0	0.0	30.0	0.0	5.0	0.0	39.0	19.0	37.0	
8	0.0	0.0		24.0	0.0	7.0	5.0	0.0	7.0	28.0	0.0	0.0	
9	0.0	0.0		0.0	8.0	0.0	7.0	12.0	8.0	0.0	0.0	0.0	
10	0.0	0.0		0.0	0.0	0.0	0.0	13.0	0.0	15.0	0.0	0.0	
11	0.0	0.0		25.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	
12	0.0	0.0		4.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	
13	0.0	3.0		0.0	12.0	11.0	12.0	0.0	13.0	6.0	0.0	0.0	
14	0.0	2.0		0.0	0.0	0.0	3.0	0.0	0.0	15.0	31.0	0.0	
15	0.0	0.0		0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0		0.0	10.0	0.0	0.0	0.0	0.0	77.0	0.0	0.0	
17	0.0	0.0		0.0	0.0	0.0	56.0	0.0	0.0	0.0	0.0	0.0	
18	3.0	0.0		0.0	0.0	0.0	0.0	0.0	6.0	0.0	15.0	0.0	
19	0.0	0.0		0.0	0.0	0.0	0.0	0.0	19.0	0.0	28.0	0.0	
20	0.0	0.0		0.0	17.0	0.0	0.0	0.0	0.0	2.0	29.0	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	
22	0.0	0.0		0.0	65.0	0.0	0.0	0.0	27.0	20.0	0.0	0.0	
23	0.0	0.0		0.0	7.0	11.0	18.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0		34.0	0.0	0.0	0.0	0.0	44.0	10.0	0.0	0.0	
25	0.0	0.0		0.0	0.0	0.0	31.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0		0.0	33.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	
27	0.0	0.0		44.0	0.0	0.0	48.0	0.0	0.0	40.0	0.0	0.0	
28	0.0	0.0		0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0		18.0	0.0	0.0	12.0	0.0	5.0	50.0	0.0	17.0	
30	0.0	0.0		55.0	0.0	0.0	7.0	0.0	0.0	0.0	89.0	0.0	
31	9.0	0.0		0.0	4.0	0.0	42.0	6.0	0.0	49.0	0.0	5.0	
Total D. LL.	31.0 4	10.0 3		270.0 11	315.0 13	62.0 5	283.0 13	64.0 8	144.0 10	391.0 14	211.0 6	94.0 6	
TOTALES ANUALES								mm.					Dias lluvia

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

ESTACION: LOS COCOS

MUNICIPIO: RIONEGRO

AÑO:

1.987

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	7.0	0.0	0.0	10.0	2.0	0.0	0.0	1.0	0.0	1.0	25.0	9.0
2	0.0	0.0	0.0	3.0	0.0	0.0	0.0	4.0	2.0	0.0	1.0	0.0
3	0.0	0.0	5.0	41.0	0.0	0.0	0.0	8.0	22.0	23.0	8.0	0.0
4	2.0	0.0	18.0	0.0	2.0	5.0	0.0	0.0	0.0	8.0	0.0	38.0
5	0.0	3.0	0.0	7.0	15.0	0.0	4.0	0.0	0.0	6.0	2.0	6.0
6	1.0	0.0	0.0	1.0	12.0	8.0	0.0	0.0	7.0	55.0	9.0	0.0
7	2.0	58.0	2.0	0.0	0.0	8.0	0.0	3.0	0.0	1.0	0.0	0.0
8	0.0	0.0	0.0	2.0	0.0	2.0	0.0	0.0	7.0	6.0	0.0	12.0
9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
10	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	4.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0	0.0	2.0
13	0.0	1.0	7.0	0.0	2.0	0.0	0.0	2.0	9.0	8.0	0.0	0.0
14	0.0	0.0	1.0	0.0	8.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
15	0.0	0.0	1.0	0.0	34.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
16	0.0	0.0	1.0	0.0	11.0	0.0	1.0	0.0	14.0	0.0	0.0	0.0
17	0.0	2.0	0.0	0.0	2.0	9.0	1.0	20.0	0.0	0.0	0.0	0.0
18	22.0	0.0	0.0	0.0	0.0	0.0	1.0	8.0	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	8.0	0.0	0.0
20	10.0	0.0	0.0	0.0	3.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0
21	22.0	0.0	34.0	0.0	3.0	0.0	1.0	0.0	0.0	21.0	7.0	0.0
22	17.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	2.0	0.0	1.0	0.0
23	2.0	0.0	0.0	0.0	41.0	0.0	0.0	5.0	0.0	9.0	1.0	0.0
24	0.0	0.0	0.0	10.0	0.0	2.0	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	2.0	12.0	0.0	2.0	0.0
26	24.0	0.0	1.0	1.0	20.0	11.0	0.0	0.0	0.0	0.0	7.0	0.0
27	0.0	0.0	2.0	0.0	0.0	1.0	9.0	11.0	0.0	33.0	0.0	0.0
28	0.0	0.0	3.0	16.0	0.0	0.0	2.0	0.0	5.0	12.0	0.0	0.0
29	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	20.0	0.0
30	0.0	0.0	96.0	31.0	0.0	0.0	0.0	0.0	126.0	0.0	0.0	0.0
31	0.0	0.0	2.0	0.0	2.0	0.0	9.0	0.0	0.0	2.0	12.0	0.0
Total	110.0	64.0	198.0	129.0	162.0	57.0	53.0	74.0	211.0	226.0	95.0	67.0
D. L.L.	11	4	17	11	16	10	8	11	11	19	12	5
TOTALES ANUALES											135	Días lluvia
1446.0 mm.												

ESTACION: PALESTINA

MUNICIPIO: RIONEGRO

AÑO:

1.987

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	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	
2	35.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	25.0	0.0	15.0	
3	60.0	0.0	33.0	40.0	5.0	0.0	0.0	0.0	0.0	20.0	0.0	
4	0.0	0.0	12.0	0.0	0.0	43.0	0.0	0.0	0.0	18.0	30.0	
5	14.0	0.0	0.0	0.0	65.0	0.0	14.0	0.0	0.0	37.0	25.0	
6	0.0	15.0	0.0	0.0	2.0	3.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	41.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	
11	2.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	48.0	49.0	0.0	0.0	0.0	0.0	23.0	0.0	8.0	13.0	
14	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	2.0	0.0	
15	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	8.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	12.0	20.0	1.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	2.0	10.0	10.0	0.0	0.0	
19	0.0	0.0	0.0	1.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	10.0	
21	22.0	0.0	0.0	0.0	6.0	0.0	0.0	18.0	15.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	14.0	40.0	0.0	
23	3.0	0.0	0.0	10.0	25.0	0.0	30.0	4.0	3.0	94.0	0.0	
24	8.0	0.0	0.0	76.0	0.0	0.0	0.0	0.0	5.0	0.0	13.0	
25	6.0	0.0	0.0	0.0	24.0	10.0	0.0	0.0	7.0	0.0	8.0	
26	26.0	0.0	5.0	13.0	0.0	7.0	0.0	0.0	0.0	22.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	2.0	6.0	0.0	16.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	2.0	6.0	0.0	38.0	4.0	
29	0.0	0.0	5.0	0.0	0.0	0.0	2.0	0.0	90.0	0.0	3.0	
30	0.0	0.0	130.0	49.0	0.0	0.0	10.0	0.0	0.0	0.0	8.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total	221.0	108.0	246.0	213.0	173.0	83.0	62.0	69.0	192.0	334.0	129.0	
D. L.L.	10	4	7	7	11	5	8	6	10	13	10	
TOTALES ANUALES											10	Días lluvia
mm.												

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

ESTACION: BONANZA

MUNICIPIO: GIRON

AÑO: 1.987

ALTITUD: 1.250

LATITUD: 7-04 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	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	7.0	43.0	12.0	4.0	
3	0.0	0.0	0.0	104.0	0.0	0.0	4.0	0.0	1.0	0.0	0.0	10.0	
4	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	6.0	0.0	
5	25.0	0.0	60.0	0.0	2.0	52.0	0.0	0.0	0.0	5.0	4.0	0.0	
6	0.0	0.0	0.0	15.0	0.0	0.0	2.0	0.0	15.0	0.0	55.0	0.0	
7	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
9	0.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	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	37.0	0.0	0.0	0.0	5.0	12.0	0.0	0.0	30.0	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	24.0	
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	30.0	0.0	8.0	6.0	0.0	0.0	0.0	6.0	14.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	30.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
18	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	5.0	0.0	0.0	0.0	6.0	23.0	0.0	0.0	0.0	0.0	8.0	0.0	
20	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	24.0	5.0	0.0	0.0	
21	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
22	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	20.0	0.0	0.0	21.0	20.0	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	5.0	0.0	6.0	65.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	8.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	8.0	0.0	81.0	13.0	10.0	0.0	7.0	0.0	
27	47.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0	73.0	0.0	60.0	0.0	
30	0.0	0.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
Total D. Ll.	125.0 6	127.0 2	210.0 6	279.0 7	128.0 10	113.0 6	141.0 7	19.0 2	205.0 8	129.0 8	182.0 10	48.0 4	
TOTALES ANUALES							1706.0 mm.			76			Días lluvia

ESTACION: COCAL
ALTITUD: 700

MUNICIPIO: FIO NEGRO
LATITUD: 7-18 N.

AÑO: 1.987
LONGITUD: 73-11 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	6.0	7.0	0.0	0.0	12.0	0.0	0.0	23.0	0.0	
2	6.0	0.0	0.0	5.0	0.0	0.0	0.0	3.0	0.0	0.0	2.0	27.0	
3	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	23.0	32.0	0.0	0.0	
4	22.0	0.0	21.0	0.0	13.0	5.0	0.0	0.0	0.0	7.0	3.0	30.0	
5	10.0	0.0	0.0	0.0	10.0	0.0	6.0	0.0	0.0	3.0	5.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	19.0	5.0	0.0	
7	0.0	20.0	8.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	0.0	0.0	
8	0.0	5.0	0.0	35.0	0.0	0.0	0.0	2.0	6.0	9.0	0.0	4.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	
11	0.0	0.0	8.0	0.0	18.0	0.0	0.0	6.0	0.0	10.0	0.0	0.0	
12	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	24.0	10.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	9.0	5.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	4.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	13.0	0.0	4.0	0.0	0.0	0.0	0.0	
18	60.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	5.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	
20	40.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	16.0	0.0	0.0	0.0	3.0	0.0	0.0	10.0	0.0	6.0	0.0	0.0	
22	24.0	0.0	16.0	0.0	3.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	23.0	0.0	0.0	6.0	3.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	25.0	0.0	1.0	0.0	4.0	0.0	0.0	5.0	0.0	
25	0.0	0.0	0.0	12.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	12.0	0.0	0.0	0.0	25.0	5.0	1.0	0.0	0.0	24.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	11.0	16.0	3.0	0.0	15.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	30.0	17.0	0.0	0.0	
29	0.0	0.0	5.0	0.0	0.0	0.0	1.0	0.0	121.0	2.0	3.0	4.0	
30	0.0	0.0	70.0	23.0	0.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	12.0	0.0	0.0	0.0	4.0	0.0	0.0	22.0	0.0	0.0	
Total D. Ll.	190.0 8	49.0 3	155.0 9	131.0 7	140.0 14	40.0 7	66.0 8	44.0 10	181.0 8	224.0 18	63.0 8	67.0 5	
TOTALES ANUALES							1350.0 mm.			105			Días lluvia

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

ESTACION: CEYLAN

MUNICIPIO: BUCARAMANGA

AÑO: 1.987

ALTITUD: 1.300

LATITUD: 7-09 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	15.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	
2	12.0	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	25.0	0.0	0.0	0.0	0.0	6.0	40.0	0.0	0.0	
4	0.0	0.0	90.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	
5	56.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	80.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	80.0	0.0	0.0	0.0	6.0	0.0	8.0	0.0	10.0	50.0	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	10.0	0.0	12.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0	
11	0.0	0.0	42.0	0.0	0.0	0.0	5.0	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	14.0	26.0	0.0	22.0	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	10.0	0.0	0.0	
15	0.0	0.0	8.0	0.0	52.0	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	20.0	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	12.0	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	20.0	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	55.0	0.0	0.0	
22	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	20.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	16.0	35.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
26	0.0	0.0	0.0	0.0	26.0	0.0	30.0	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	10.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0	13.0	40.0	20.0	0.0	
30	0.0	0.0	112.0	0.0	0.0	0.0	0.0	0.0	100.0	6.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	40.0	0.0	
Total D. Ll.	108.0 4	94.0 2	278.0 5	76.0 5	248.0 8	24.0 3	117.0 6	40.0 4	175.0 6	173.0 7	142.0 5	25.0 1	
TOTALES ANUALES											1500.0 mm.	56	Días lluvia

ESTACION: CHOCHOS

MUNICIPIO: HATO

AÑO: 1.987

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					50.0	0.0	3.0	12.0	0.0	7.0	5.0	0.0
2					0.0	0.0	0.0	0.0	4.0	22.0	6.0	15.0
3					6.0	0.0	0.0	20.0	16.0	0.0	4.0	15.0
4					0.0	0.0	1.0	0.0	0.0	48.0	0.0	0.0
5					1.0	0.0	26.0	0.0	24.0	1.0	22.0	0.0
6					10.0	67.0	0.0	8.0	40.0	0.0	0.0	0.0
7					0.0	4.0	35.0	0.0	0.0	2.0	0.0	0.0
8					10.0	3.0	1.0	0.0	9.0	0.0	0.0	0.0
9					0.0	1.0	2.0	0.0	0.0	48.0	0.0	0.0
10					0.0	0.0	21.0	0.0	0.0	3.0	0.0	0.0
11					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	14.0	22.0	0.0	0.0
13					0.0	0.0	25.0	0.0	29.0	10.0	2.0	0.0
14					4.0	0.0	0.0	0.0	34.0	57.0	3.0	0.0
15					0.0	23.0	6.0	0.0	0.0	2.0	0.0	0.0
16					0.0	0.0	22.0	0.0	0.0	41.0	0.0	0.0
17					0.0	5.0	16.0	46.0	0.0	0.0	0.0	0.0
18					0.0	4.0	0.0	0.0	0.0	51.0	0.0	0.0
19					31.0	37.0	3.0	5.0	0.0	7.0	58.0	0.0
20					5.0	0.0	0.0	0.0	32.0	0.0	25.0	0.0
21					6.0	0.0	18.0	22.0	0.0	0.0	0.0	0.0
22					0.0	0.0	0.0	0.0	41.0	25.0	0.0	0.0
23					38.0	0.0	14.0	0.0	0.0	5.0	9.0	0.0
24					0.0	0.0	1.0	6.0	0.0	0.0	0.0	0.0
25					4.0	0.0	0.0	30.0	0.0	20.0	0.0	0.0
26					0.0	37.0	15.0	0.0	0.0	3.0	14.0	0.0
27					0.0	0.0	0.0	0.0	23.0	18.0	0.0	0.0
28					0.0	0.0	16.0	0.0	1.0	41.0	0.0	5.0
29					0.0	0.0	3.0	15.0	0.0	8.0	0.0	0.0
30					0.0	0.0	10.0	0.0	0.0	5.0	20.0	0.0
31					0.0	0.0	9.0	0.0	0.0	10.0	0.0	0.0
Total D. Ll.					165.0 11	181.0 9	252.0 20	164.0 9	267.0 12	456.0 23	168.0 11	35.0 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: SANTA CRUZ

MUNICIPIO: SAN VICENTE AÑO

1.987

ALTITUD: 750

LATITUD: 6-52 N.

LONGITUD: 73-23 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	12.0	2.0	3.0	0.0		0.0	15.0	27.0	0.0
2	0.0	5.0	0.0	30.0	1.0	5.0	0.0		0.0	0.0	22.0	0.0
3	8.0	0.0	23.0	0.0	10.0	30.0	0.0		25.0	0.0	0.0	0.0
4	0.0	0.0	20.0	0.0	24.0	7.0	0.0		0.0	13.0	0.0	0.0
5	10.0	0.0	5.0	0.0	7.0	9.0	0.0		0.0	17.0	0.0	0.0
6	0.0	35.0	7.0	0.0	5.0	0.0	0.0		34.0	23.0	0.0	12.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	5.0	0.0		0.0	0.0	0.0	0.0
11	0.0	3.0	0.0	0.0	0.0	0.0	0.0		0.0	13.0	0.0	0.0
12	0.0	20.0	0.0	0.0	0.0	0.0	0.0		0.0	10.0	15.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0		22.0	11.5	0.0	0.0
14	0.0	0.0	10.0	0.0	0.0	0.0	0.0		0.0	15.0	0.0	0.0
15	0.0	0.0	30.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0
16	0.0	37.0	0.0	0.0	0.0	35.0	0.0		0.0	10.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	10.0	0.0		0.0	31.0	0.0	0.0
18	60.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	12.0	0.0	0.0
19	15.0	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	50.0	0.0	0.0		0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	30.0	0.0	0.0		0.0	15.0	0.0	0.0
22	0.0	0.0	0.0	0.0	20.0	0.0	0.0		0.0	17.0	25.0	0.0
23	0.0	0.0	0.0	0.0	35.0	0.0	0.0		0.0	11.5	50.0	0.0
24	2.0	0.0	0.0	20.0	21.0	12.0	0.0		0.0	0.0	0.0	0.0
25	5.0	0.0	0.0	23.0	3.0	9.0	0.0		0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	14.0	20.0	4.0	0.0		0.0	13.0	0.0	0.0
27	0.0	0.0	0.0	11.0	0.0	0.0	0.0		0.0	25.0	0.0	0.0
28	0.0	0.0	0.0	5.0	0.0	0.0	0.0		0.0	23.0	0.0	0.0
29	3.0	0.0	20.0	22.0	0.0	13.0	0.0		0.0	0.0	23.0	0.0
30	5.0	0.0	15.0	8.0	0.0	2.0	0.0		0.0	11.0	75.0	0.0
31	0.0	0.0	25.0	0.0	0.0	0.0	0.0		0.0	35.0	0.0	0.0
Total D. Ll.	108.0 8	100.0 5	155.0 9	145.0 9	228.0 13	144.0 13	0.0 0			356.0 20	237.0 7	12.0 1
TOTALES ANUALES										mm.		Días lluvia

ESTACION: NAZARETH
ALTITUD: 1.000

MUNICIPIO: SAN VICENTE
LATITUD: 6-57 N.

AÑO: 1.987
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	2.0	0.0	12.0	0.0	6.0	30.0		
2	0.0	0.0	0.0	52.0	10.0	12.0	0.0	0.0	16.0	0.0		
3	0.0	0.0	40.0	10.0	0.0	0.0	0.0	18.0	0.0	21.0		
4	0.0	0.0	90.0	0.0	12.0	36.0	0.0	6.0	0.0	45.0		
5	0.0	0.0	37.0	32.0	32.0	7.0	0.0	0.0	0.0	7.0		
6	10.0	0.0	0.0	2.0	35.0	0.0	0.0	7.0	0.0	18.0		
7	3.0	136.0	28.0	0.0	0.0	8.0	0.0	0.0	0.0	11.0		
8	0.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0		
9	0.0	4.0	0.0	18.0	0.0	0.0	0.0	0.0	109.0	0.0		
10	0.0	1.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0		
11	16.0	54.0	0.0	0.0	0.0	23.0	0.0	0.0	28.0	21.0		
12	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	7.0	36.0		
13	0.0	7.0	0.0	0.0	0.0	10.0	0.0	0.0	12.0	25.0		
14	0.0	10.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0		
15	0.0	0.0	24.0	0.0	21.0	0.0	2.0	0.0	0.0	0.0		
16	0.0	56.0	11.0	2.0	18.0	0.0	14.0	0.0	14.0	49.0		
17	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0		
18	3.0	0.0	0.0	0.0	0.0	5.0	8.0	11.0	0.0	27.0		
19	0.0	0.0	0.0	17.0	11.0	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	8.0	14.0	38.0		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0		
22	74.0	0.0	0.0	5.0	73.0	0.0	13.0	0.0	3.0	7.0		
23	0.0	0.0	3.0	0.0	47.0	0.0	0.0	48.0	4.0	0.0		
24	2.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0		
25	0.0	0.0	0.0	29.0	23.0	0.0	0.0	16.0	51.0	0.0		
26	8.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0		
27	22.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	38.0	0.0		
28	0.0	0.0	15.0	9.0	12.0	0.0	0.0	4.0	0.0	0.0		
29	0.0	0.0	0.0	0.0	0.0	16.0	0.0	6.0	9.0	0.0		
30	0.0	0.0	75.0	11.0	0.0	0.0	76.0	0.0	0.0	0.0		
31	0.0	0.0	42.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0		
Total D. Ll.	138.0 8	268.0 7	368.0 11	223.0 12	326.0 15	117.0 8	154.0 10	124.0 9	325.0 14	363.0 15		
TOTALES ANUALES										mm.		Días lluvia

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

ESTACION: LAS FLORES

MUNICIPIO: PINCHOTE

AÑO:

1.987

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	12.0	4.0	0.0	0.0	23.0	0.0	0.0	12.0	0.0
2	0.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	7.0	71.0	10.0	14.0
3	0.0	0.0	0.0	13.0	33.0	0.0	5.0	26.0	50.0	47.0	1.0	5.0
4	0.0	0.0	24.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	9.0	18.0	0.0	7.0	6.0	0.0	0.0
6	0.0	0.0	0.0	0.0	10.0	0.0	0.0	6.0	17.0	1.0	12.0	5.0
7	0.0	18.0	0.0	12.0	0.0	1.0	5.0	5.0	0.0	5.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	9.0	2.0	0.0	5.0	14.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	2.0	10.0	0.0	31.0	0.0	0.0
10	0.0	2.0	0.0	0.0	6.0	11.0	5.0	3.0	0.0	0.0	0.0	2.0
11	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	14.0	0.0	0.0	0.0	2.0	0.0	0.0	5.0	44.0	0.0	0.0
13	0.0	2.0	2.0	0.0	3.0	0.0	4.0	0.0	47.0	0.0	0.0	5.0
14	0.0	2.0	0.0	0.0	1.0	1.0	0.0	0.0	26.0	9.0	0.0	0.0
15	0.0	0.0	3.0	0.0	3.0	3.0	0.0	0.0	6.0	0.0	0.0	0.0
16	0.0	0.0	9.0	0.0	5.0	0.0	48.0	0.0	0.0	4.0	0.0	0.0
17	0.0	0.0	0.0	0.0	4.0	0.0	13.0	10.0	1.0	18.0	0.0	0.0
18	1.0	0.0	0.0	0.0	0.0	18.0	3.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	5.0	11.0	29.0	0.0	0.0	0.0	0.0	4.0	0.0
20	0.0	0.0	0.0	0.0	32.0	0.0	0.0	4.0	4.0	3.0	4.0	0.0
21	0.0	0.0	0.0	0.0	14.0	0.0	18.0	8.0	3.0	0.0	0.0	0.0
22	3.0	0.0	0.0	0.0	43.0	0.0	0.0	0.0	3.0	3.0	0.0	0.0
23	0.0	0.0	0.0	5.0	7.0	5.0	13.0	3.0	2.0	0.0	0.0	0.0
24	0.0	0.0	0.0	5.0	0.0	0.0	4.0	2.0	2.0	0.0	11.0	0.0
25	0.0	0.0	0.0	4.0	7.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	1.0	0.0	12.0	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	8.0	0.0	3.0	2.0	0.0
28	0.0	0.0	0.0	37.0	0.0	0.0	0.0	0.0	14.0	35.0	0.0	6.0
29	0.0	0.0	0.0	2.0	0.0	0.0	3.0	0.0	2.0	7.0	0.0	0.0
30	0.0	0.0	15.0	34.0	0.0	13.0	1.0	0.0	3.0	0.0	41.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0
Total D. LL.	4.0 2	38.0 5	54.0 6	139.0 12	195.0 16	140.0 13	146.0 16	114.0 13	204.0 18	307.0 17	97.0 9	37.0 6
TOTALES ANUALES											1475.0 mm.	133 Dias lluvia

ESTACION: MESON
ALTITUD: 1.200

MUNICIPIO:

VALLE SAN JOSE AÑO:

1.987

LATITUD:

6-27 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	0.0	0.0	0.0	0.0	10.0	15.0	30.0	0.0	20.0
2	0.0	5.0	0.0	15.0	20.0	0.0	0.0	50.0	40.0	0.0	0.0	40.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
4	0.0	0.0	0.0	10.0	10.0	10.0	10.0	0.0	0.0	10.0	0.0	0.0
5	0.0	0.0	0.0	5.0	10.0	0.0	5.0	0.0	10.0	20.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0	5.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	10.0	2.0	0.0	0.0	10.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	30.0	0.0	5.0	0.0	5.0	0.0	0.0
9	5.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	5.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	25.0	0.0	0.0
11	0.0	10.0	0.0	15.0	0.0	0.0	10.0	7.0	10.0	0.0	0.0	0.0
12	0.0	20.0	0.0	0.0	30.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	20.0	0.0	20.0	15.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	5.0	0.0	5.0	10.0	11.0	10.0	0.0	0.0
15	0.0	0.0	0.0	0.0	20.0	0.0	40.0	6.0	5.0	30.0	0.0	0.0
16	0.0	0.0	0.0	0.0	20.0	0.0	30.0	0.0	0.0	6.0	0.0	0.0
17	0.0	7.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	10.0	0.0	0.0
18	0.0	57.0	10.0	0.0	0.0	10.0	0.0	10.0	10.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
20	5.0	0.0	0.0	10.0	20.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	5.0	2.0	0.0	0.0	5.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	80.0	0.0	15.0	4.0	0.0	5.0	0.0	0.0
23	0.0	0.0	0.0	10.0	2.0	0.0	35.0	30.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	30.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	10.0	0.0
26	0.0	0.0	0.0	10.0	21.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	20.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	10.0	15.0	10.0	0.0	0.0	0.0	4.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0
30	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	10.0	0.0	0.0	0.0	0.0	20.0	10.0	0.0	50.0	0.0
Total D. LL.	10.0 2	99.0 5	20.0 2	125.0 9	278.0 15	102.0 8	202.0 13	200.0 15	136.0 11	200.0 14	100.0 4	64.0 3
TOTALES ANUALES											1536.0 mm.	101 Dias lluvia

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

ESTACION: VILLANUEVA

MUNICIPIO: CHARALA

AÑO: 1.987

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	10.0	8.0		8.0	0.0	15.0	0.0	6.0	2.0	0.0
2		0.0	0.0	46.0		10.0	0.0	8.0	8.0	0.0	0.0	16.0
3		0.0	14.0	32.0		0.0	4.0	8.0	0.0	2.0	16.0	0.0
4		0.0	0.0	18.0		4.0	6.0	0.0	12.0	24.0	0.0	0.0
5		0.0	0.0	0.0		0.0	2.0	8.0	0.0	6.0	4.0	12.0
6		12.0	8.0	0.0		0.0	0.0	0.0	14.0	32.0	14.0	0.0
7		0.0	0.0	0.0		8.0	0.0	18.0	0.0	20.0	0.0	4.0
8		0.0	12.0	0.0		18.0	0.0	0.0	0.0	0.0	0.0	32.0
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	12.0		36.0	8.0	0.0	24.0	70.0	40.0	8.0
11		0.0	0.0	0.0		4.0	18.0	0.0	0.0	4.0	20.0	0.0
12		32.0	14.0	0.0		0.0	0.0	0.0	4.0	6.0	0.0	0.0
13		0.0	0.0	4.0		22.0	0.0	4.0	0.0	0.0	20.0	0.0
14		0.0	6.0	0.0		0.0	26.0	12.0	0.0	18.0	0.0	0.0
15		0.0	4.0	0.0		12.0	0.0	0.0	36.0	12.0	4.0	0.0
16		4.0	46.0	8.0		0.0	8.0	4.0	0.0	44.0	2.0	0.0
17		0.0	8.0	0.0		8.0	0.0	20.0	12.0	20.0	0.0	0.0
18		0.0	0.0	0.0		0.0	0.0	0.0	0.0	4.0	2.0	0.0
19		0.0	28.0	18.0		22.0	0.0	8.0	0.0	24.0	6.0	0.0
20		12.0	18.0	0.0		0.0	12.0	0.0	2.0	2.0	2.0	0.0
21		0.0	0.0	0.0		0.0	0.0	0.0	4.0	0.0	8.0	0.0
22		0.0	0.0	0.0		8.0	8.0	18.0	62.0	0.0	0.0	0.0
23		8.0	36.0	0.0		0.0	24.0	0.0	0.0	20.0	0.0	0.0
24		0.0	0.0	8.0		0.0	14.0	4.0	12.0	0.0	42.0	0.0
25		0.0	0.0	0.0		32.0	0.0	16.0	0.0	42.0	8.0	0.0
26		6.0	18.0	4.0		0.0	12.0	0.0	8.0	2.0	0.0	0.0
27		0.0	0.0	56.0		0.0	32.0	0.0	0.0	18.0	4.0	0.0
28		48.0	0.0	90.0		0.0	8.0	22.0	0.0	46.0	2.0	0.0
29		0.0	0.0	4.0		8.0	4.0	0.0	64.0	0.0	22.0	8.0
30		0.0	0.0	24.0		0.0	12.0	8.0	18.0	10.0	24.0	0.0
31		0.0	0.0	0.0		0.0	16.0	0.0	0.0	8.0	0.0	0.0
Total D. LL.		122.0	222.0	332.0		200.0	214.0	173.0	280.0	440.0	242.0	80.0
		7	13	14		14	17	15	14	23	19	6
TOTALES ANUALES									mm.			Días lluvia

ESTACION: SEVILLA
ALTITUD: 1.390

MUNICIPIO: GUADALUPE
LATITUD: 6-15 N.

AÑO: 1.987
LONGITUD: 73-25 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	12.0	5.0	0.0		6.0	10.0	6.0	20.0	4.0	0.0	14.0	20.0
2	0.0	0.0	0.0		2.0	0.0	0.0	24.0	3.0	2.0	7.0	0.0
3	0.0	0.0	0.0		40.0	17.0	10.0	7.0	30.0	7.0	16.0	2.0
4	0.0	0.0	0.0		47.0	17.0	2.5	5.0	23.0	26.0	7.0	5.0
5	0.0	0.0	50.0		16.0	40.0	24.0	1.0	22.0	22.0	18.0	15.0
6	0.0	0.0	0.0		26.0	0.0	10.0	12.0	2.0	5.0	47.0	8.0
7	0.0	0.0	0.0		20.0	5.0	7.0	7.0	0.0	7.0	0.0	0.0
8	0.0	42.0	0.0		30.0	11.0	25.0	0.0	17.0	12.0	0.0	0.0
9	0.0	7.0	0.0		19.0	0.0	43.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0		5.0	0.0	0.0	4.0	0.0	55.0	0.0	25.0
11	0.0	73.0	0.0		0.0	0.0	2.0	13.0	2.0	0.0	10.0	0.0
12	0.0	24.0	17.0		0.0	1.0	0.0	7.0	0.0	0.0	0.0	0.0
13	0.0	9.0	0.0		0.0	12.0	2.0	16.0	10.0	3.0	1.0	0.0
14	0.0	3.0	27.0		86.0	0.0	15.0	11.0	50.0	32.0	0.0	0.0
15	0.0	3.0	13.0		2.0	0.0	1.0	7.0	2.0	37.0	28.0	2.0
16	0.0	0.0	21.0		10.0	15.0	0.0	38.0	0.0	0.0	55.0	0.0
17	5.0	15.0	2.0		3.0	0.0	44.0	4.0	2.0	36.0	12.0	0.0
18	10.0	0.0	0.0		3.0	0.0	1.0	3.0	25.0	38.0	30.0	0.0
19	0.0	0.0	15.0		1.0	3.0	0.0	0.0	15.0	1.0	0.0	0.0
20	0.0	0.0	5.0		0.0	11.0	35.0	3.0	2.0	38.0	0.0	0.0
21	0.0	0.0	0.0		35.0	0.0	0.0	12.0	4.0	3.0	0.0	0.0
22	20.0	0.0	20.0		16.0	5.0	5.0	20.0	13.0	6.0	0.0	0.0
23	0.0	0.0	10.0		14.0	0.0	0.0	30.0	13.0	39.0	0.0	0.0
24	0.0	0.0	12.0		10.0	0.0	42.0	0.0	14.0	30.0	0.0	0.0
25	0.0	0.0	12.0		10.0	5.0	8.0	0.0	17.0	45.0	1.0	2.0
26	5.0	20.0	0.0		0.0	15.0	5.0	0.0	6.0	37.0	20.0	1.0
27	0.0	30.0	0.0		0.0	0.0	4.0	0.0	0.0	10.0	2.0	1.0
28	0.0	1.0	0.0		0.0	27.0	9.0	37.0	10.0	42.0	0.0	2.0
29	0.0	0.0	1.0		0.0	37.0	14.0	15.0	6.0	35.0	5.0	1.0
30	0.0	0.0	0.0		0.0	0.0	30.0	0.0	4.0	21.0	3.0	1.0
31	20.0	0.0	10.0		5.0	0.0	45.0	0.0	0.0	52.0	0.0	0.0
Total D. LL.	72.0	232.0	215.0		406.0	231.0	389.5	296.0	296.0	641.0	276.0	85.0
	6	12	14		22	16	24	22	24	26	17	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: CIELO ROTO

MUNICIPIO: SUAITA

AÑO: 1.987

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	0.0	0.0			10.0	10.0	30.0	15.0	10.0	3.0	5.0	20.0
2	0.0	0.0			10.0	10.0	0.0	10.0	10.0	5.0	3.0	0.0
3	0.0	0.0			10.0	0.0	5.0	15.0	10.0	0.0	11.0	0.0
4	2.0	0.0			10.0	0.0	15.0	5.0	10.0	5.0	14.0	0.0
5	0.0	0.0			5.0	15.0	0.0	10.0	10.0	10.0	5.0	0.0
6	0.0	0.0			30.0	10.0	15.0	8.0	0.0	0.0	50.0	0.0
7	0.0	10.0			5.0	40.0	0.0	7.0	3.0	20.0	0.0	22.0
8	0.0	0.0			40.0	12.0	0.0	5.0	0.0	45.0	0.0	0.0
9	0.0	10.0			15.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0
10	1.0	0.0			10.0	40.0	20.0	5.0	0.0	0.0	0.0	10.0
11	1.0	20.0			0.0	50.0	10.0	10.0	10.0	5.0	3.0	5.0
12	0.0	10.0			0.0	5.0	0.0	0.0	5.0	7.0	0.0	35.0
13	0.0	0.0			5.0	12.0	6.0	10.0	15.0	40.0	30.0	0.0
14	0.0	0.0			10.0	0.0	6.0	5.0	20.0	20.0	0.0	0.0
15	0.0	10.0			10.0	0.0	3.0	10.0	1.0	20.0	10.0	0.0
16	0.0	5.0			35.0	0.0	30.0	15.0	0.0	11.0	10.0	0.0
17	0.0	0.0			10.0	12.0	40.0	5.0	0.0	15.0	0.0	0.0
18	0.0	10.0			10.0	5.0	30.0	0.0	0.0	8.0	0.0	0.0
19	0.0	5.0			10.0	0.0	15.0	0.0	5.0	7.0	0.0	0.0
20	23.0	0.0			15.0	10.0	10.0	25.0	15.0	0.0	4.0	0.0
21	0.0	0.0			10.0	10.0	10.0	0.0	25.0	0.0	0.0	0.0
22	40.0	0.0			65.0	9.0	0.0	5.0	10.0	25.0	7.0	0.0
23	20.0	10.0			60.0	0.0	15.0	0.0	10.0	15.0	2.0	0.0
24	0.0	0.0			20.0	5.0	10.0	6.0	10.0	10.0	0.0	0.0
25	0.0	10.0			0.0	5.0	15.0	2.0	0.0	20.0	5.0	0.0
26	0.0	0.0			10.0	5.0	0.0	20.0	0.0	35.0	0.0	0.0
27	10.0	0.0			10.0	0.0	5.0	25.0	5.0	40.0	10.0	3.0
28	10.0	0.0			10.0	0.9	10.0	0.0	5.0	15.0	11.0	7.0
29	0.0	0.0			10.0	10.0	10.0	10.0	10.0	10.0	0.0	5.0
30	0.0	0.0			0.0	5.0	10.0	5.0	2.0	8.0	20.0	5.0
31	0.0	0.0			0.0	0.0	10.0	5.0	0.0	2.0	0.0	0.0
Total D.Ll.	107.0 8	100.0 10			445.0 26	280.0 20	340.0 24	238.0 24	206.0 21	401.0 25	200.0 17	112.0 9

TOTALES ANUALES

mm.

Dias
lluvia

ESTACION: EL RECREO

MUNICIPIO: SUAITA

AÑO: 1.987

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	0.0	8.0	10.0	0.0
2						8.0	0.0	0.0	30.0	0.0	8.0	8.0
3						0.0	8.0	8.0	0.0	0.0	0.0	0.0
4						0.0	0.0	0.0	21.0	11.0	0.0	0.0
5						6.0	6.0	0.0	0.0	0.0	0.0	10.0
6						0.0	0.0	20.0	8.0	0.0	0.0	12.0
7						5.0	9.0	0.0	0.0	10.0	8.0	0.0
8						7.0	0.0	0.0	4.0	25.0	10.0	0.0
9						0.0	0.0	6.0	0.0	0.0	0.0	10.0
10						12.0	0.0	0.0	0.0	0.0	45.0	0.0
11						0.0	0.0	10.0	24.0	0.0	0.0	0.0
12						11.0	14.0	0.0	0.0	0.0	0.0	0.0
13						7.0	11.0	0.0	12.0	40.0	40.0	9.0
14						0.0	0.0	11.0	0.0	45.0	15.0	0.0
15						9.0	0.0	0.0	15.0	20.0	5.0	0.0
16						0.0	15.0	9.0	6.0	22.0	0.0	0.0
17						0.0	0.0	0.0	0.0	11.0	0.0	15.0
18						16.0	0.0	0.0	0.0	0.0	0.0	0.0
19						4.0	21.0	14.0	7.0	0.0	8.0	0.0
20						0.0	0.0	0.0	16.0	0.0	0.0	14.0
21						5.0	9.0	0.0	0.0	0.0	0.0	0.0
22						0.0	0.0	16.0	0.0	17.0	0.0	7.0
23						0.0	0.0	9.0	14.0	0.0	31.0	0.0
24						6.0	4.0	0.0	9.0	27.0	0.0	5.0
25						0.0	0.0	8.0	0.0	46.0	0.0	0.0
26						8.0	6.0	0.0	0.0	8.0	0.0	0.0
27						0.0	12.0	16.0	20.0	35.0	14.0	0.0
28						0.0	0.0	0.0	0.0	24.0	0.0	4.0
29						11.0	7.0	0.0	8.0	7.0	7.0	0.0
30						0.0	4.0	8.0	0.0	11.0	0.0	0.0
31						0.0	5.0	0.0	0.0	35.0	0.0	0.0
Total D.Ll.						115.0 14	131.0 14	135.0 12	194.0 14	402.0 18	201.0 12	94.0 10

TOTALES ANUALES

mm.

Dias
lluvia

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

ESTACION: CITE

MUNICIPIO: BARBOSA

AÑO: 1.987

ALTITUD: 1.600

LATITUD: 5-59 N.

LONGITUD: 73-36 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC	
1	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	5.0	20.0		
2	0.0	0.0	0.0	5.0	20.0	0.0	0.0	20.0	0.0	20.0	5.0		
3	0.0	0.0	0.0	12.0	0.0	0.0	20.0	0.0	20.0	5.0	10.0		
4	0.0	0.0	0.0	5.0	0.0	5.0	0.0	10.0	0.0	0.0	5.0		
5	0.0	5.0	0.0	0.0	5.0	0.0	10.0	0.0	0.0	10.0	20.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	10.0		
7	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0	20.0	5.0		
8	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	4.0	2.0	0.0		
9	5.0	0.0	0.0	0.0	0.0	8.0	5.0	0.0	0.0	5.0	4.0		
10	0.0	0.0	0.0	0.0	11.0	0.0	0.0	10.0	0.0	4.0	0.0		
11	0.0	2.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0	0.0	0.0		
12	0.0	0.0	5.0	0.0	0.0	0.0	5.0	0.0	10.0	20.0	20.0		
13	0.0	0.0	0.0	3.0	15.0	0.0	5.0	20.0	10.0	20.0	20.0		
14	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	20.0	0.0	0.0		
15	0.0	0.0	15.0	0.0	6.0	0.0	10.0	0.0	0.0	10.0	10.0		
16	0.0	0.0	20.0	0.0	0.0	0.6	0.0	5.0	10.0	0.0	0.0		
17	0.0	20.0	5.0	0.0	5.0	10.0	0.0	0.0	0.0	10.0	0.0		
18	0.0	0.0	20.0	0.0	0.0	0.0	10.0	10.0	10.0	0.0	0.0		
19	10.0	0.0	0.0	20.0	0.0	5.0	5.0	5.0	0.0	5.0	10.0		
20	0.0	0.0	5.0	15.0	5.0	0.0	0.0	5.0	5.0	5.0	0.0		
21	30.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	6.0	0.0		
22	0.0	0.0	5.0	0.0	5.0	5.0	10.0	0.0	3.0	5.0	4.0		
23	0.0	0.0	0.0	0.0	0.0	0.0	5.0	10.0	0.0	10.0	0.0		
24	0.0	0.0	20.0	10.0	2.0	0.0	0.0	0.0	0.0	20.0	0.0		
25	0.0	0.0	0.0	0.0	5.0	0.0	0.0	15.0	2.0	10.0	5.0		
26	0.0	0.0	5.0	5.0	0.0	0.0	5.0	5.0	0.0	20.0	0.0		
27	0.0	0.0	0.0	0.0	10.0	0.0	0.0	5.0	0.0	10.0	0.0		
28	5.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0		
29	0.0	0.0	0.0	15.0	15.0	10.0	0.0	0.0	3.0	10.0	5.0		
30	0.0	0.0	5.0	10.0	0.0	0.0	0.0	2.0	10.0	10.0	0.0		
31	0.0	0.0	5.0	0.0	5.0	0.0	10.0	10.0	0.0	10.0	0.0		
Total	50.0	27.0	114.0	110.0	119.0	53.0	120.0	137.0	116.0	244.0	136.0	0.0	
D. Li.	4	3	12	11	14	7	15	15	15	24	15	0	
TOTALES ANUALES											1 226.0 mm.		Días lluvia

ESTACION: BUENAVISTA
ALTITUD: 1.850

MUNICIPIO: BARBOSA
LATITUD: 5-59 N.

AÑO: 1.987
LONGITUD: 73-39 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1		0.0		0.0	12.0	4.0	39.0	6.0	0.0	0.0		0.0	
2		0.0		5.0	7.0	7.0	22.0	3.0	9.0	0.0		2.0	
3		0.0		27.0	0.0	10.0	3.0	2.0	0.0	7.0		0.0	
4		0.0		0.0	32.0	7.0	5.0	35.0	0.0	4.0		0.0	
5		0.0		0.0	5.0	0.0	0.0	4.0	30.0	7.0		5.0	
6		0.0		4.0	17.0	15.0	0.0	0.0	4.0	10.0		0.0	
7		0.0		0.0	3.0	25.0	7.0	7.0	0.0	38.0		0.0	
8		0.0		0.0	11.0	0.0	0.0	0.0	2.0	0.0		1.0	
9		0.0		0.0	25.0	0.0	11.0	9.0	11.0	17.0		17.0	
10		10.0		0.0	0.0	5.0	5.0	23.0	28.0	0.0		0.0	
11		9.0		0.0	19.0	0.0	8.0	17.0	0.0	21.0		0.0	
12		15.0		7.0	31.0	0.0	0.0	0.0	0.0	50.0		13.0	
13		7.0		0.0	11.0	0.0	18.0	0.0	10.0	44.0		0.0	
14		0.0		0.0	0.0	7.0	0.0	0.0	20.0	22.0		0.0	
15		10.0		0.0	20.0	0.0	21.0	0.0	0.0	11.0		0.0	
16		0.0		0.0	25.0	0.0	5.0	29.0	27.0	7.0		0.0	
17		0.0		0.0	10.0	0.0	0.0	0.0	11.0	17.0		0.0	
18		0.0		0.0	45.0	0.0	0.0	16.0	6.0	0.0		19.0	
19		0.0		0.0	30.0	10.0	39.0	0.0	2.0	24.0		0.0	
20		7.0		0.0	10.0	0.0	6.0	11.0	0.0	10.0		0.0	
21		0.0		0.0	0.0	1.0	0.0	0.0	17.0	43.0		7.0	
22		0.0		6.0	4.0	0.0	15.0	0.0	9.0	19.0		6.0	
23		0.0		0.0	51.0	0.0	0.0	0.0	0.0	13.0		0.0	
24		0.0		0.0	0.0	0.0	0.0	0.0	19.0	18.0		0.0	
25		0.0		2.0	0.0	0.0	3.0	0.0	27.0	0.0		11.0	
26		0.0		19.0	21.0	0.0	0.0	49.0	0.0	31.0		0.0	
27		0.0		11.0	5.0	0.0	2.0	0.0	0.0	21.0		0.0	
28		0.0		25.0	0.0	0.0	40.0	0.0	49.0	19.0		0.0	
29		0.0		10.0	33.0	0.0	30.0	10.0	10.0	14.0		0.0	
30		0.0		10.0	15.0	7.0	20.0	11.0	11.0	11.0		0.0	
31		0.0		0.0	0.0	0.0	11.0	0.0	6.0	0.0		0.0	
Total		58.0		126.0	442.0	91.0	310.0	234.0	300.0	478.0		81.0	
D. Li.		6		11	23	10	20	16	18	24		9	
TOTALES ANUALES											mm.		Días lluvia

ESTACION: LA CUMBRE

MUNICIPIO: PUENTE NACIONAL AÑO:

1.987

ALTITUD: 1.650

LATITUD: 5-53 N.

LONGITUD: 73-43 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC
1	0.0	0.0	0.0	5.0	0.0	0.0	20.0	20.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	35.0	0.0	64.0	10.0	3.0	21.0	17.0	0.0
3	0.0	0.0	0.0	15.0	43.0	0.0	19.0	0.0	10.0	12.0	32.0	0.0
4	0.0	0.0	0.0	0.0	0.0	7.0	0.0	34.0	17.0	0.0	3.0	0.0
5	0.0	0.0	0.0	10.0	0.0	6.0	0.0	0.0	0.0	2.0	0.0	0.0
6	0.0	0.0	0.0	20.0	17.0	0.0	0.0	17.0	0.0	0.0	15.0	0.0
7	0.0	10.0	1.8	0.0	0.0	0.0	4.0	0.0	20.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	36.0	0.0	0.0
9	7.0	0.0	0.0	10.0	52.0	7.0	35.0	0.0	7.0	6.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	12.0	0.0
11	0.0	0.0	0.0	0.0	12.0	0.0	0.0	47.0	0.0	62.0	0.0	0.0
12	0.0	0.0	0.0	0.0	5.0	0.0	10.0	30.0	0.0	11.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	18.0	0.0	0.0
14	0.0	0.0	28.0	0.0	0.0	15.0	0.0	0.0	21.0	0.0	20.0	0.0
15	5.0	5.0	0.0	0.0	20.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
16	0.0	0.0	2.0	30.0	36.0	0.0	20.0	0.0	2.0	18.0	0.0	0.0
17	0.0	0.0	24.0	0.0	0.0	0.0	11.0	0.0	4.0	24.0	0.0	0.0
18	0.0	0.0	2.0	0.0	14.0	0.0	17.0	0.0	10.0	5.0	0.0	0.0
19	0.0	0.0	0.0	60.0	0.0	0.0	0.0	0.0	17.0	21.0	0.0	0.0
20	0.0	0.0	0.0	0.0	10.0	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	53.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	20.0	45.0	0.0	11.0	0.0	0.0	2.0	0.0	0.0
23	0.0	0.0	0.0	0.0	13.0	0.0	15.0	0.0	0.0	32.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	20.0	5.0	0.0	8.0	0.0	0.0
26	0.0	0.0	2.0	9.0	0.0	0.0	0.0	2.0	0.0	17.0	21.0	0.0
27	0.0	0.0	3.0	29.0	0.0	0.0	19.0	20.0	0.0	18.0	0.0	0.0
28	0.0	26.0	0.0	3.0	0.0	0.0	2.0	0.0	0.0	40.0	0.0	0.0
29	0.0	0.0	53.0	9.0	0.0	0.0	0.0	20.0	53.0	35.0	0.0	0.0
30	0.0	0.0	0.0	41.0	0.0	0.0	25.0	20.0	0.0	4.0	0.0	3.0
31	0.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0	10.0	0.0	0.0
Total D. Ll.	12.0	41.0	115.8	261.0	302.0	35.0	412.0	225.0	189.0	417.0	120.0	3.0
	2	3	8	13	12	4	18	11	13	23	7	1
TOTALES ANUALES	2 132.8 mm.										115	Dias lluvia

ESTACION: MIPORAL

MUNICIPIO: FLORIDABLANCA

AÑO: 1.987

ALTITUD: 1.200

LATITUD: 7-04 N.

LONGITUD: 73-06 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0		
2	0.0	0.0	0.0	75.0	0.0	0.0	0.0	0.0	39.0	0.0		
3	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	7.0	44.0		
4	16.0	0.0	27.0	0.0	17.0	6.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	7.0		
6	0.0	0.0	9.0	0.0	18.0	0.0	11.0	0.0	18.0	15.0		
7	0.0	22.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0		
8	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	21.0	0.0		
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0		
10	0.0	0.0	0.0	7.0	0.0	0.0	13.0	0.0	0.0	0.0		
11	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	13.0		
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	8.0	0.0	0.0	0.0		
14	0.0	31.0	0.0	0.0	7.0	0.0	0.0	20.0	12.0	0.0		
15	0.0	0.0	0.0	0.0	23.0	7.0	12.0	0.0	0.0	0.0		
16	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0		
17	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	4.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.0	3.0	0.0	9.0	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		
21	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0		
22	3.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0		
23	0.0	0.0	0.0	23.0	27.0	13.0	8.0	0.0	9.0	0.0		
24	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	4.0	0.0		
25	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0		
26	6.0	0.0	0.0	0.0	6.0	0.0	8.0	9.0	0.0	0.0		
27	18.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0		
28	0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	8.0	4.0		
29	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	33.0	0.0		
30	0.0	0.0	0.0	0.0	0.0	0.0	12.0	30.0	0.0	0.0		
31	0.0	0.0	9.0	0.0	17.0	0.0	6.0	0.0	0.0	0.0	0.0	
Total D. Ll.	52.0	53.0	102.0	133.0	132.0	40.0	144.0	86.0	169.0	100.0	0.0	0.0
	5	2	6	5	9	6	12	6	12	7	0	0
TOTALES ANUALES	1 011.0 mm.										70	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: 1.987

ALTITUD: 1.400

LATITUD: 5-10 N.

LONGITUD: 75-00 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	2.0	0.0	2.0	42.0	20.0	5.0	0.0	0.0	0.0	8.0	9.0	8.0	
2	4.0	17.0	0.0	7.0	0.0	10.0	0.0	11.0	0.0	15.0	20.0	14.0	
3	0.0	0.0	1.0	5.0	0.0	20.0	8.5	0.0	4.0	12.0	9.0	0.0	
4	0.0	0.0	12.0	22.0	0.0	7.0	0.0	2.0	10.0	4.0	0.0	9.0	
5	2.0	22.0	0.0	0.0	2.0	22.0	0.0	0.0	0.0	22.0	0.0	6.0	
6	21.0	0.0	0.0	0.0	4.0	0.0	0.0	3.0	3.0	34.0	0.0	6.0	
7	0.0	5.0	0.0	0.0	34.0	0.0	0.0	0.0	0.0	38.0	0.0	21.0	
8	0.0	0.0	0.0	0.0	5.0	0.0	11.5	22.0	0.0	40.0	0.0	1.0	
9	0.0	12.0	0.0	0.0	32.0	0.0	0.0	10.0	0.0	6.0	0.0	4.0	
10	0.0	0.0	11.0	5.0	17.0	0.0	12.0	13.0	9.0	0.0	0.0	0.0	
11	0.0	0.0	22.0	7.0	0.0	0.0	0.0	7.0	0.0	0.0	11.0	0.0	
12	0.0	27.0	2.0	0.0	11.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
13	0.0	17.0	0.0	12.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	10.0	0.5	0.0	0.0	13.0	14.0	8.0	0.0	
15	0.0	0.0	0.0	0.0	3.0	20.0	0.0	8.0	0.0	22.0	0.0	0.0	
16	0.0	14.0	0.0	48.0	0.0	0.0	30.0	0.0	0.0	3.0	20.0	0.0	
17	0.0	0.0	0.0	15.0	0.0	0.0	0.0	13.0	0.0	25.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	37.0	0.0	0.0	32.0	0.0	0.0	
19	0.0	0.0	0.0	8.0	0.0	0.0	0.0	7.0	3.0	40.0	9.0	0.0	
20	2.0	0.0	21.0	0.0	17.0	0.0	12.0	0.0	12.0	6.0	0.0	0.0	
21	4.0	0.0	12.0	14.0	62.0	0.0	0.0	0.0	0.0	13.0	11.0	0.0	
22	0.0	0.0	5.0	39.0	14.0	31.0	22.0	0.0	0.0	54.0	0.0	0.0	
23	14.0	0.0	0.0	0.0	22.0	5.0	13.0	0.0	3.0	14.0	7.0	0.0	
24	10.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	26.0	4.0	0.0	
25	0.0	2.5	0.0	0.0	0.0	0.0	5.0	3.0	0.0	18.0	0.0	21.0	
26	0.0	7.0	0.0	35.0	0.0	0.0	20.0	0.0	0.0	25.0	7.0	0.0	
27	11.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	10.0	26.0	6.0	0.0	
28	0.0	18.0	42.0	0.0	0.0	0.0	11.0	0.0	3.0	0.0	0.0	32.0	
29	17.0	0.0	12.0	40.0	0.0	0.0	22.0	7.0	0.0	24.0	4.0	19.0	
30	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	6.0	0.0	19.0	18.0	
31	0.0	0.0	14.0	0.0	0.0	0.0	0.0	2.0	0.0	6.0	0.0	0.0	
Total	87.0	141.5	161.0	299.0	274.0	120.5	209.0	108.0	79.0	527.0	144.0	159.0	
D. LI.	10	10	13	14	16	9	13	13	12	25	14	12	
TOTALES ANUALES							2309.0 mm.				161		Días lluvia

ESTACION: PALOCABILDO

MUNICIPIO: FALAN

AÑO: 1.987

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	21.0	0.0	0.0	20.0	46.0	0.0	0.0	0.0	0.0	0.0	12.0	5.0	
2	12.0	0.0	0.0	6.0	0.0	0.0	0.0	11.0	30.0	16.0	5.0	0.0	
3	0.0	25.0	11.0	41.0	0.0	2.0	3.0	0.0	2.0	7.0	0.0	3.0	
4	20.0	4.0	0.0	3.0	12.0	68.0	6.0	10.0	9.0	0.0	12.0	49.0	
5	0.0	11.0	0.0	9.0	0.0	9.0	0.0	5.0	2.0	12.0	0.0	4.0	
6	30.0	0.0	0.0	0.0	22.0	0.0	0.0	7.0	5.0	0.0	0.0	29.0	
7	20.0	0.0	0.0	0.0	0.0	0.0	4.0	16.0	19.0	6.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	9.0	0.0	2.0	9.0	0.0	10.0	0.0	0.0	
9	0.0	17.0	11.0	0.0	31.0	0.0	5.0	36.0	0.0	12.0	0.0	12.0	
10	5.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	
12	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	2.0	0.0	
13	0.0	29.0	27.0	0.0	0.0	4.0	0.0	0.0	14.0	13.0	11.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	50.0	0.0	11.0	0.0	
15	0.0	3.0	52.0	0.0	41.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	
16	0.0	16.0	0.0	15.0	54.0	0.0	0.0	6.0	29.0	16.0	0.0	0.0	
17	0.0	0.0	0.0	36.0	0.0	3.0	7.0	3.0	0.0	0.0	2.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	18.0	28.0	0.0	
19	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	2.0	9.0	0.0	
20	4.0	0.0	17.0	0.0	4.0	0.0	0.0	0.0	22.0	0.0	3.0	0.0	
21	14.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	4.0	0.0	
22	0.0	0.0	2.0	29.0	20.0	0.0	0.0	0.0	3.0	4.0	12.0	0.0	
23	43.0	0.0	0.0	10.0	23.0	0.0	12.0	0.0	0.0	3.0	0.0	0.0	
24	4.0	0.0	0.0	0.0	3.0	47.0	0.0	0.0	10.0	34.0	33.0	0.0	
25	0.0	0.0	2.0	4.0	3.0	0.0	14.0	6.0	0.0	4.0	3.0	0.0	
26	0.0	0.0	20.0	2.0	58.0	0.0	2.0	0.0	0.0	10.0	3.0	0.0	
27	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	22.0	10.0	0.0	
28	0.0	0.0	0.0	3.0	0.0	0.0	45.0	0.0	20.0	24.0	0.0	24.0	
29	0.0	0.0	0.0	12.0	0.0	0.0	47.0	0.0	10.0	3.0	0.0	15.0	
30	24.0	0.0	7.0	96.0	0.0	0.0	3.0	0.0	3.0	2.0	7.0	67.0	
31	0.0	0.0	44.0	0.0	0.0	0.0	25.0	0.0	0.0	61.0	0.0	0.0	
Total	216.0	129.0	205.0	286.0	326.0	144.0	192.0	128.0	265.0	319.0	167.0	217.0	
D. LI.	12	10	11	14	13	7	14	11	17	23	17	10	
TOTALES ANUALES							2594.0 mm.				159		Días lluvia

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

ESTACION: EL PROGRESO

MUNICIPIO: HERVEDO

AÑO: 1.987

ALTITUD: 1.860

LATITUD: 5-06 N.

LONGITUD: 75-02 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1		0.0	0.0	47.0		0.0	0.0	6.0	0.0	0.0	0.0	5.0
2		0.0	0.0	19.0		0.0	7.0	18.0	0.0	0.0	14.0	0.0
3		0.0	13.0	5.0		0.0	0.0	7.0	30.0	37.0	14.0	14.0
4		0.0	0.0	27.0		0.0	11.0	7.0	4.0	0.0	0.0	0.0
5		0.0	0.0	31.0		9.0	0.0	5.0	0.0	3.0	0.0	42.0
6		0.0	9.0	0.0		17.0	0.0	8.0	3.0	4.0	0.0	0.0
7		0.0	0.0	0.0		0.0	0.0	0.0	7.0	0.0	0.0	0.0
8		0.0	0.0	0.0		0.0	0.0	0.0	0.0	28.0	0.0	0.0
9		4.0	0.0	0.0		0.0	5.0	5.0	0.0	5.0	0.0	0.0
10		17.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
11		2.0	0.0	0.0		0.0	0.0	20.0	0.0	0.0	0.0	0.0
12		0.0	10.0	0.0		0.0	0.0	2.0	0.0	0.0	0.0	0.0
13		11.0	4.0	0.0		0.0	0.0	0.0	2.0	4.0	0.0	0.0
14		0.0	6.0	0.0		0.0	0.0	0.0	27.0	0.0	30.0	0.0
15		5.0	5.0	0.0		0.0	0.0	0.0	0.0	6.0	0.0	0.0
16		0.0	0.0	0.0		0.0	0.0	0.0	0.0	23.0	0.0	0.0
17		0.0	0.0	16.0		0.0	9.0	2.0	0.0	7.0	0.0	0.0
18		0.0	0.0	0.0		0.0	10.0	0.0	0.0	5.0	9.0	0.0
19		0.0	0.0	0.0		0.0	0.0	0.0	9.0	3.0	0.0	0.0
20		0.0	0.0	0.0		0.0	0.0	0.0	27.0	2.0	9.0	0.0
21		0.0	0.0	0.0		0.0	4.0	0.0	6.0	0.0	5.0	0.0
22		0.0	0.0	0.0		0.0	9.0	0.0	2.0	0.0	0.0	0.0
23		0.0	0.0	0.0		10.0	28.0	0.0	15.0	0.0	12.0	0.0
24		0.0	0.0	34.0		0.0	6.0	0.0	9.0	9.0	0.0	0.0
25		0.0	19.0	12.0		0.0	0.0	0.0	0.0	32.0	5.0	0.0
26		0.0	8.0	0.0		0.0	4.0	0.0	0.0	13.0	0.0	0.0
27		0.0	10.0	9.0		0.0	9.0	0.0	0.0	27.0	0.0	0.0
28		0.0	7.0	22.0		0.0	27.0	0.0	33.0	18.0	0.0	45.0
29		0.0	12.0	17.0		0.0	10.0	11.0	24.0	14.0	0.0	6.0
30		0.0	34.0	15.0		0.0	13.0	0.0	0.0	15.0	14.0	12.0
31		0.0	39.0	0.0		0.0	74.0	0.0	0.0	57.0	0.0	0.0
Total		39.0	176.0	255.0		36.0	226.0	91.0	200.0	379.0	112.0	124.0
D. LI.		5	13	12		3	15	11	15	20	9	6

TOTALES ANUALES

mm.

Días
lluvia

ESTACION: LA GRANJA

MUNICIPIO: MELGAR

AÑO: 1.987

ALTITUD: 1.200

LATITUD: 4-09 N.

LONGITUD: 74-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	7.0	0.0						
2	0.0	0.0	0.0	70.0	0.0	0.0						
3	0.0	0.0	31.0	0.0	14.0	0.0						
4	0.0	0.0	8.0	0.0	27.0	4.0						
5	0.0	0.0	6.0	22.0	0.0	9.0						
6	0.0	0.0	19.0	0.0	0.0	0.0						
7	0.0	46.0	0.0	0.0	0.0	0.0						
8	0.0	0.0	3.0	0.0	0.0	0.0						
9	4.0	0.0	3.0	0.0	0.0	0.0						
10	0.0	0.0	44.0	0.0	0.0	0.0						
11	0.0	0.0	0.0	2.0	0.0	0.0						
12	0.0	0.0	28.0	5.0	6.0	0.0						
13	0.0	51.0	0.0	0.0	0.0	15.0						
14	0.0	0.0	30.0	0.0	0.0	5.0						
15	0.0	3.0	0.0	0.0	22.0	0.0						
16	0.0	0.0	6.0	0.0	16.0	0.0						
17	0.0	0.0	0.0	3.0	0.0	0.0						
18	0.0	0.0	0.0	0.0	0.0	0.0						
19	0.0	0.0	0.0	0.0	0.0	0.0						
20	0.0	0.0	0.0	4.0	0.0	0.0						
21	0.0	0.0	0.0	0.0	0.0	0.0						
22	0.0	0.0	0.0	0.0	55.0	0.0						
23	0.0	0.0	0.0	0.0	26.0	8.0						
24	0.0	0.0	0.0	0.0	20.0	0.0						
25	0.0	0.0	0.0	8.0	25.0	0.0						
26	0.0	0.0	44.0	8.0	0.0	0.0						
27	2.0	0.0	0.0	0.0	0.0	0.0						
28	0.0	0.0	0.0	0.0	0.0	0.0						
29	0.0	0.0	20.0	0.0	0.0	0.0						
30	0.0	0.0	0.0	0.0	0.0	0.0						
31	0.0	0.0	4.0	0.0	0.0	0.0						
Total	6.0	100.0	246.0	124.0	218.0	176.0						
D. LI.	2	3	13	9	10	5						

TOTALES ANUALES

mm.

Días
lluvia

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

ESTACION: GUADALITO

MUNICIPIO: SANTA ISABEL AÑO: 1.987

ALTITUD: 1.620

LATITUD: 4-41 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	5.0	19.0
2	0.0	0.0	0.0	39.0	0.0	0.0	13.0	6.0	0.0	0.0	4.0	9.0
3	0.0	0.0	0.0	27.0	0.0	0.0	0.0	2.0	49.0	8.0	4.0	0.0
4	0.0	0.0	0.0	17.0	0.0	0.0	0.0	3.0	8.0	7.0	0.0	3.0
5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
6	2.0	44.0	0.0	0.0	0.0	45.0	0.0	12.0	0.0	2.0	0.0	2.0
7	1.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	7.0	0.0	0.0
9	0.0	13.0	0.0	0.0	18.0	0.0	17.0	29.0	0.0	2.0	0.0	0.0
10	0.0	3.0	0.0	10.0	0.0	0.0	0.0	5.0	0.0	3.0	0.0	34.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	3.0	3.0
12	0.0	15.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	6.0	2.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	5.0	24.0	0.0
15	0.0	0.0	39.0	0.0	9.0	0.0	0.0	0.0	0.0	3.0	1.0	0.0
16	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	5.0	16.0	0.0	0.0
17	0.0	0.0	0.0	18.0	0.0	0.0	0.0	6.0	0.0	5.0	13.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	38.0	7.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	26.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	6.0	0.0	0.0
21	12.0	0.0	19.0	0.0	0.0	0.0	3.0	0.0	0.0	13.0	0.0	0.0
22	1.0	0.0	0.0	19.0	13.0	0.0	0.0	0.0	0.0	5.0	34.0	0.0
23	0.0	0.0	0.0	27.0	30.0	2.0	13.0	0.0	2.0	18.0	0.0	0.0
24	0.0	0.0	0.0	0.0	2.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	1.0	0.0
26	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	7.0	0.0
27	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0
28	0.0	0.0	0.0	11.0	0.0	0.0	48.0	0.0	2.0	10.0	2.0	10.0
29	0.0	0.0	0.0	27.0	0.0	0.0	26.0	0.0	2.0	6.0	0.0	5.0
30	11.0	0.0	6.0	20.0	0.0	0.0	2.0	5.0	2.0	8.0	11.0	47.0
31	0.0	0.0	0.0	0.0	0.0	0.0	51.0	0.0	0.0	4.0	0.0	0.0
Total	28.0	75.0	104.0	215.0	93.0	47.0	191.0	113.0	159.0	291.0	144.0	132.0
D. L.	6	4	7	10	7	2	10	10	10	27	15	9
TOTALES ANUALES	1592.0 mm.										117	Días lluvia

ESTACION: JANIYOF
ALTITUD: 1.720

MUNICIPIO: ANZOATEGUI
LATITUD: 4-38 N.

AÑO: 1.987
LONGITUD: 75-04 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	60.0	10.0	0.0	0.0	30.0	25.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	5.0	0.0	0.0	35.0
4	40.0	0.0	0.0	30.0	5.0	0.0	0.0	0.0	10.0	5.0	0.0	10.0
5	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
6	0.0	0.0	0.0	0.0	25.0	0.0	0.0	10.0	20.0	10.0	0.0	0.0
7	0.0	0.0	0.0	0.0	5.0	15.0	0.0	15.0	0.0	10.0	0.0	0.0
8	0.0	5.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
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	15.0	0.0	0.0	0.0	0.0
12	0.0	10.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0
13	0.0	0.0	30.0	0.0	0.0	0.0	14.0	0.0	0.0	5.0	10.0	0.0
14	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	20.0	10.0	0.0	0.0
15	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	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	10.0	0.0	0.0
17	0.0	0.0	0.0	25.0	5.0	0.0	0.0	0.0	0.0	5.0	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	40.0	0.0
19	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
20	0.0	0.0	0.0	5.0	0.0	0.0	20.0	0.0	40.0	0.0	0.0	0.0
21	0.0	0.0	45.0	35.0	40.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	40.0	0.0	10.0	0.0	10.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	5.0	15.0	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	5.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	25.0	0.0
26	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	25.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0
28	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	10.0	20.0	0.0	30.0
29	0.0	0.0	35.0	15.0	0.0	0.0	0.0	0.0	0.0	15.0	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	20.0	0.0	5.0	0.0	0.0	0.0	70.0	0.0	0.0	5.0	0.0	0.0
Total	70.0	18.5	135.0	175.0	185.0	20.0	154.0	100.0	165.0	160.0	105.0	90.0
D. L.	3	3	5	7	11	2	7	6	10	15	5	5
TOTALES ANUALES	1377.5 mm.										79	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: 1.987

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	0.0	2.0	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	37.0	5.0	0.0	0.0	20.0	0.0		
3	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	15.0		
4	0.0	0.0	9.0	6.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0	12.0		
7	0.0	0.0	0.0	0.0	6.0	0.0	0.0	22.0	10.0	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	20.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0		
10	0.0	24.0	0.0	0.0	0.0	0.0	0.0	39.0	0.0	17.0	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	9.0	38.0		
12	0.0	14.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	15.0	5.0	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	3.0	0.0	22.0	0.0	0.0	0.0		
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.0	0.0	33.0	0.0		
16	0.0	0.0	51.0	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	12.0	0.0	0.0	0.0	10.0	24.0	0.0	0.0		
18	0.0	0.0	0.0	12.0	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	7.0	0.0	0.0	0.0	2.0	0.0		
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0		
22	0.0	0.0	37.0	0.0	0.0	0.0	3.0	0.0	0.0	43.0	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	14.0	0.0	14.0	0.0	0.0	20.0	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
26	0.0	0.0	26.0	0.0	15.0	0.0	4.0	0.0	0.0	41.0	0.0	0.0		
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	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	9.0	0.0	0.0	39.0	0.0	19.0	0.0	0.0	14.0		
30	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	16.0	0.0	32.0		
31	0.0	0.0	5.0	0.0	0.0	0.0	40.0	0.0	9.0	4.0	0.0	43.0		
Total D. LL.	0.0	38.0	147.0	87.0	71.0	2.0	168.0	137.0	139.0	214.0	64.0	157.0		
	0	2	7	6	6	1	10	5	8	11	4	7		
TOTALES ANUALES												1224.0 mm.	67	Dias lluvia

ESTACION: LA ALDEA
ALTITUD: 1.550

MUNICIPIO: FOVIRA
LATITUD: 4-13 N.

AÑO: 1.987
LONGITUD: 75-14 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.		
1	0.0	0.0	0.0	16.0	10.0	0.0	0.0	0.0	0.0	18.0				
2	0.0	0.0	0.0	35.0	0.0	0.0	8.0	24.0	4.0	2.0				
3	0.0	0.0	29.0	4.0	4.0	0.0	6.0	25.0	0.0	8.0				
4	0.0	0.0	0.0	0.0	0.0	5.0	15.0	0.0	5.0	18.0				
5	8.0	3.0	0.0	0.0	8.0	0.0	0.0	0.0	17.0	0.0				
6	22.0	0.0	13.0	0.0	17.0	0.0	0.0	7.0	40.0	6.0				
7	3.0	0.0	1.0	0.0	8.0	5.0	0.0	1.0	0.0	0.0				
8	1.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	23.0				
9	0.0	7.0	0.0	0.0	0.0	0.0	1.0	30.0	0.0	0.0				
10	0.0	7.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	34.0				
11	0.0	17.0	0.0	0.0	0.0	0.0	0.0	7.0	12.0	0.0				
12	0.0	3.0	0.0	0.0	13.0	0.0	0.0	6.0	0.0	34.0				
13	0.0	17.0	18.0	0.0	16.0	0.0	0.0	0.0	7.0	0.0				
14	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0				
15	0.0	0.0	13.0	0.0	2.0	0.0	1.0	0.0	4.0	2.0				
16	0.0	0.0	9.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0				
17	0.0	1.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	2.0				
18	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	21.0				
19	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	17.0	1.0				
20	0.0	0.0	2.0	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	13.0	0.0				
22	4.0	0.0	0.0	0.0	43.0	0.0	0.0	0.0	0.0	0.0				
23	0.0	0.0	0.0	0.0	18.0	10.0	31.0	0.0	0.0	0.0				
24	0.0	0.0	0.0	6.0	46.0	0.0	31.0	0.0	0.0	0.0				
25	0.0	0.0	0.0	9.0	0.0	0.0	6.0	0.0	0.0	0.0				
26	3.0	0.0	6.0	47.0	3.0	0.0	2.0	1.0	0.0	8.0				
27	13.0	0.0	0.0	37.0	0.0	0.0	0.0	0.0	0.0	14.0				
28	1.0	0.0	0.0	9.0	0.0	0.0	7.0	0.0	0.0	3.0				
29	0.0	0.0	3.0	8.0	0.0	0.0	51.0	0.0	47.0	8.0				
30	1.0	0.0	0.0	0.0	0.0	3.0	7.0	3.0	0.0	1.0				
31	15.0	0.0	14.0	0.0	0.0	0.0	83.0	0.0	0.0	1.0				
Total D. LL.	71.0	56.0	108.0	171.0	234.0	25.0	269.0	121.0	166.0	206.0				
	10	8	10	9	17	5	15	10	10	19				
TOTALES ANUALES												mm.		Dias lluvia

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

ESTACION: POCO A POCO

MUNICIPIO: CHAPARRAL

AÑO:

1.987

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	20.0	20.0	0.0		0.0	18.0	18.0	0.0
2	0.0	0.0	0.0	0.0	25.0	0.0	0.0		0.0	10.0	0.0	0.0
3	0.0	0.0	20.0	18.0	10.0	0.0	0.0		0.0	3.0	0.0	0.0
4	10.0	10.0	0.0	10.0	19.0	0.0	0.0		0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	20.0	0.0	10.0	0.0		0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	20.0	0.0		0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	20.0	19.0	0.0		0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	18.0	0.0	0.0		0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	20.0
11	0.0	0.0	18.0	0.0	15.0	0.0	18.0		0.0	10.0	0.0	10.0
12	0.0	8.0	16.0	0.0	0.0	13.0	15.0		0.0	0.0	0.0	9.0
13	0.0	0.0	0.0	0.0	0.0	15.0	0.0		0.0	0.0	15.0	3.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	10.0	0.0	17.0	0.0		0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	17.0	0.0	0.0	0.0		10.0	0.0	0.0	0.0
17	10.0	0.0	0.0	20.0	10.0	0.0	0.0		0.0	0.0	0.0	0.0
18	15.0	0.0	0.0	0.0	10.0	0.0	20.0		20.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	18.0		12.0	11.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	10.0		15.0	0.0	0.0	0.0
21	18.0	0.0	0.0	0.0	0.0	0.0	8.0		0.0	0.0	10.0	0.0
22	0.0	0.0	28.0	0.0	0.0	0.0	6.0		3.0	18.0	3.0	11.0
23	20.0	0.0	10.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	4.0
24	0.0	0.0	3.0	0.0	0.0	0.0	14.0		0.0	0.0	5.0	0.0
25	22.0	0.0	0.0	0.0	18.0	0.0	10.0		0.0	4.0	0.0	0.0
26	25.0	0.0	0.0	0.0	11.0	0.0	28.0		15.0	0.0	0.0	0.0
27	10.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	15.0	0.0
28	19.0	0.0	19.0	10.0	0.0	0.0	15.0		0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	8.0	0.0	0.0	18.0		0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	20.0		0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	18.0	0.0	0.0		0.0	12.0	0.0	0.0
Total D. Ll.	149.0	18.0	114.0	113.0	194.0	114.0	200.0		75.0	86.0	66.0	57.0
TOTALES ANUALES	mm.										84	Dias lluvia

ESTACION: MONTEFRIO

MUNICIPIO: NATAGAIMA

AÑO:

1.987

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							10.0	0.0	0.0	10.0	0.0
2	0.0							10.0	0.0	0.0	0.0	15.0
3	0.0							0.0	20.0	50.0	10.0	10.0
4	0.0							0.0	0.0	10.0	0.0	0.0
5	0.0							0.0	0.0	0.0	0.0	30.0
6	20.0							0.0	0.0	0.0	0.0	75.0
7	0.0							0.0	0.0	0.0	0.0	0.0
8	40.0							10.0	0.0	55.0	0.0	0.0
9	0.0							0.0	10.0	0.0	10.0	30.0
10	0.0							0.0	0.0	0.0	0.0	10.0
11	0.0							0.0	0.0	30.0	0.0	25.0
12	0.0							0.0	0.0	0.0	0.0	10.0
13	0.0							0.0	0.0	10.0	0.0	0.0
14	0.0							0.0	0.0	120.0	30.0	10.0
15	0.0							0.0	0.0	0.0	20.0	0.0
16	0.0							0.0	0.0	10.0	0.0	5.0
17	0.0							0.0	0.0	20.0	60.0	0.0
18	0.0							0.0	0.0	10.0	10.0	0.0
19	0.0							0.0	0.0	0.0	10.0	0.0
20	0.0							0.0	0.0	0.0	0.0	0.0
21	10.0							10.0	0.0	10.0	0.0	0.0
22	0.0							0.0	0.0	10.0	0.0	0.0
23	50.0							0.0	0.0	50.0	0.0	0.0
24	0.0							0.0	0.0	10.0	10.0	0.0
25	20.0							0.0	0.0	20.0	0.0	0.0
26	0.0							0.0	10.0	70.0	60.0	20.0
27	0.0							0.0	0.0	40.0	30.0	0.0
28	0.0							0.0	0.0	0.0	20.0	0.0
29	0.0							0.0	0.0	60.0	0.0	0.0
30	0.0							0.0	10.0	0.0	60.0	0.0
31	0.0							0.0	0.0	10.0	0.0	0.0
Total D. Ll.	150.0							40.0	50.0	595.0	340.0	240.0
TOTALES ANUALES	mm.										56	Dias lluvia

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

ESTACION: EL OCAJO

MUNICIPIO: DOLORES

AÑO

1.987

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	14.0	0.0	0.0	0.0	0.0	25.0	0.0	55.0
2	0.0	0.0	0.0	16.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	55.0
3	0.0	0.0	7.0	0.0	10.0	0.0	0.0	2.0	3.0	11.0	55.0	55.0
4	0.0	0.0	55.0	0.0	0.0	0.0	5.0	0.0	10.0	0.0	7.0	14.0
5	0.0	0.0	0.0	0.0	6.0	5.0	0.0	0.0	5.0	0.0	0.0	0.0
6	0.0	0.0	17.0	0.0	30.0	0.0	0.0	14.0	16.0	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	25.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0
9	25.0	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	8.0	0.0	20.0	0.0	0.0	2.0	10.0	0.0	12.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	11.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
13	0.0	3.0	0.0	9.0	0.0	0.0	3.0	0.0	0.0	10.0	15.0	0.0
14	0.0	5.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	55.0	0.0	0.0
15	0.0	0.0	1.0	0.0	34.0	20.0	0.0	0.0	0.0	10.0	15.0	0.0
16	0.0	0.0	4.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	20.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	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	46.0	0.0
20	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	44.0	24.0	8.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	12.0	0.0
22	5.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0
23	10.0	0.0	0.0	0.0	65.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0
24	3.0	0.0	0.0	0.0	23.0	11.0	0.0	0.0	12.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	12.0	0.0	0.0
26	35.0	0.0	45.0	9.0	0.0	0.0	4.0	0.0	0.0	2.0	0.0	0.0
27	0.0	0.0	0.0	37.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
28	0.0	0.0	34.0	14.0	0.0	0.0	43.0	0.0	0.0	0.0	55.0	26.0
29	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	46.0	0.0
30	0.0	0.0	30.0	30.0	0.0	20.0	0.0	0.0	22.0	16.0	29.0	0.0
31	0.0	0.0	12.0	0.0	20.0	0.0	6.0	0.0	0.0	15.0	21.0	0.0
Total D.LL.	103.0	16.0	222.0	135.0	234.0	56.0	75.0	45.0	130.0	311.0	288.0	210.0
	6	3	10	7	11	4	8	6	9	17	12	6
TOTALES ANUALES	1 825.0 mm.										99	Dias lluvia

ESTACION: LOS ANDES

MUNICIPIO: PLANADAS

AÑO

1.987

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	8.0	0.0	0.0	13.0	2.0	0.0	0.0	0.0	0.0	3.0	23.0	47.0
2	0.0	6.0	0.0	32.0	55.0	0.0	0.0	4.0	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	10.0	0.0	0.0	0.0
4	0.0	0.0	22.0	0.0	22.0	22.0	0.0	0.0	0.0	0.0	21.0	11.0
5	4.0	0.0	13.0	0.0	55.0	0.0	0.0	0.0	20.0	38.0	0.0	0.0
6	10.0	0.0	13.0	0.0	0.0	3.0	0.0	7.0	0.0	0.0	0.0	6.0
7	46.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0
8	13.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0
9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0
10	0.0	5.0	0.0	2.0	0.0	11.0	0.0	0.0	0.0	3.0	0.0	21.0
11	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	3.0
12	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
13	0.0	41.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
16	0.0	0.0	3.0	0.0	9.0	0.0	0.0	0.0	0.0	3.0	3.0	0.0
17	0.0	0.0	0.0	2.0	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	18.0	3.0	17.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	8.0	0.0
21	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	3.0	15.0	0.0
22	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	16.0	0.0
23	0.0	0.0	0.0	2.0	33.0	0.0	0.0	0.0	10.0	5.0	6.0	0.0
24	0.0	0.0	0.0	7.0	7.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	30.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0
26	16.0	0.0	10.0	13.0	2.0	0.0	0.0	0.0	0.0	25.0	3.0	0.0
27	28.0	0.0	13.0	13.0	0.0	0.0	10.0	0.0	0.0	3.0	23.0	0.0
28	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	25.0	10.0	9.0	0.0
31	0.0	0.0	0.0	0.0	1.0	0.0	3.0	0.0	12.0	13.0	0.0	10.0
Total D.LL.	146.0	58.0	123.0	116.0	221.0	51.0	53.0	47.0	99.0	320.0	172.0	115.0
	10	5	8	10	11	6	4	2	7	20	14	7
TOTALES ANUALES	1 521.0 mm.										104	Dias lluvia

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

ESTACION: CAMPANELLA

MUNICIPIO: FALMIRA

AÑO: 1.987

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	1.0	32.0	0.0	8.0	0.0	0.0	3.0	0.0	0.0	19.0	7.0	
2	0.0	0.0	0.0	28.0	70.0	0.0	0.0	0.0	0.0	11.0	0.0	26.0	
3	0.0	2.0	17.0	0.0	28.0	5.0	0.0	0.0	0.0	0.0	0.0	11.0	
4	0.0	0.0	18.0	0.0	12.0	0.0	1.0	0.0	0.0	25.0	0.0	0.0	
5	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	
6	28.0	0.0	158.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	15.0	
7	0.0	0.0	15.0	6.0	3.0	2.0	0.0	1.0	1.0	6.0	0.0	0.0	
8	11.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	9.0	0.0	0.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	2.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	
11	0.0	14.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	
12	0.0	28.0	16.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	24.0	0.0	
14	0.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	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	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	0.0	
18	0.0	3.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	34.0	0.0	
19	0.0	0.0	0.0	0.0	41.0	0.0	10.0	0.0	12.0	0.0	12.0	0.0	
20	12.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
21	30.0	0.0	0.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	1.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	54.0	41.0	0.0	
24	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	
26	0.0	0.0	0.0	6.0	11.0	0.0	0.0	0.0	0.0	4.0	2.0	0.0	
27	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	80.0	3.0	0.0	0.0	
28	0.0	0.0	0.0	50.0	0.0	0.0	63.0	0.0	46.0	15.0	12.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	
30	0.0	0.0	82.0	32.0	0.0	2.0	30.0	0.0	17.0	0.0	0.0	0.0	
31	0.0	0.0	58.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	
Total	85.0	63.0	413.0	156.0	308.0	16.0	108.0	13.0	168.0	170.0	202.0	67.0	
D. Ll.	5	9	11	9	14	5	5	3	6	11	10	5	
TOTALES ANUALES											1769.0 mm.	93	Días lluvia

ESTACION: LA MESA

MUNICIPIO: MARIQUITA

AÑO: 1.987

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	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	
2	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0	0.0	
3	10.0	0.0	3.0	20.0	0.0	45.0	0.0	8.0	30.0	0.0	0.0	0.0	
4	15.0	20.0	5.0	0.0	5.0	0.0	0.0	12.0	25.0	10.0	12.0	0.0	
5	0.0	0.0	0.0	40.0	0.0	30.0	0.0	15.0	5.0	0.0	0.0	0.0	
6	10.0	0.0	0.0	0.0	10.0	0.0	0.0	5.0	0.0	10.0	0.0	5.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	20.0	5.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	
9	0.0	40.0	20.0	0.0	50.0	0.0	0.0	20.0	0.0	20.0	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	100.0	
11	0.0	20.0	0.0	0.0	0.0	0.0	0.0	50.0	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	20.0	0.0	0.0	
13	0.0	25.0	40.0	0.0	0.0	0.0	2.0	0.0	30.0	0.0	5.0	0.0	
14	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	
15	0.0	25.0	0.0	0.0	25.0	0.0	0.0	0.0	15.0	30.0	20.0	0.0	
16	0.0	20.0	0.0	0.0	10.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	200.0	0.0	0.0	15.0	0.0	15.0	25.0	5.0	0.0	
18	0.0	20.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	15.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0	0.0	
20	10.0	5.0	0.0	0.0	10.0	0.0	0.0	0.0	65.0	0.0	0.0	0.0	
21	0.0	0.0	15.0	10.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0	
22	0.0	5.0	20.0	20.0	45.0	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	5.0	0.0	5.0	0.0	0.0	0.0	10.0	0.0	
25	0.0	0.0	5.0	0.0	5.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	120.0	0.0	20.0	0.0	0.0	50.0	0.0	0.0	
27	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
28	0.0	0.0	5.0	10.0	0.0	0.0	30.0	0.0	30.0	100.0	10.0	10.0	
29	0.0	0.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0	10.0	5.0	70.0	
30	25.0	0.0	0.0	160.0	0.0	0.0	0.0	0.0	10.0	60.0	5.0	35.0	
31	0.0	0.0	160.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	
Total	75.0	180.0	278.0	520.0	285.0	100.0	122.0	150.0	285.0	420.0	97.0	225.0	
D. Ll.	6	9	10	10	10	3	9	8	13	16	11	6	
TOTALES ANUALES											2737.0 mm.	111	Días lluvia

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

ESTACION: BELLAVISTA

MUNICIPIO: ANSERMANUEVO

AÑO: 1.987

ALTITUD: 1.550

LATITUD: 4-48 N.

LONGITUD: 76-04 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.	
1	0.0	0.0	0.0	7.0	0.0	0.0	0.0	11.0	9.0	0.0	0.0	5.0	
2	0.0	0.0	0.0	1.0	18.0	0.0	0.0	20.0	32.0	0.0	2.0	26.0	
3	0.0	0.0	0.0	0.0	17.0	0.0	4.0	0.0	12.0	15.0	5.0	3.0	
4	0.0	0.0	13.0	27.0	6.0	22.0	7.0	0.0	19.0	8.0	0.0	13.0	
5	0.0	0.0	5.0	3.0	1.0	1.0	2.0	0.0	0.0	2.5	30.0	0.0	
6	0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	4.0	0.0	13.0	
7	6.0	33.0	2.0	0.0	0.0	13.0	0.0	0.0	2.0	33.0	0.0	10.0	
8	0.0	0.0	5.0	16.0	0.0	0.0	0.0	17.0	0.0	5.0	0.0	0.0	
9	0.0	0.0	1.0	0.0	0.0	0.0	0.0	19.0	0.0	1.0	2.0	0.0	
10	0.0	9.0	3.0	7.0	0.0	0.0	0.0	23.0	0.0	4.5	0.0	0.0	
11	0.0	4.0	0.0	0.0	0.0	13.0	0.0	26.0	0.0	10.0	0.0	0.0	
12	0.0	12.0	7.0	0.0	0.0	2.0	0.0	8.0	0.0	13.0	0.0	2.0	
13	0.0	2.0	11.0	0.0	0.0	0.0	16.0	0.0	22.0	5.0	5.0	0.0	
14	0.0	0.0	0.0	5.0	6.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	1.0	0.0	0.0	0.0	11.0	0.0	0.0	19.0	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	10.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	1.5	0.0	24.0	0.0	0.0	0.0	3.0	0.0	0.0	2.0	8.0	0.0	
19	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	
20	1.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	10.0	2.0	5.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	2.0	0.0	0.0	
22	2.0	0.0	1.0	0.0	2.0	0.0	0.0	0.0	11.0	11.0	0.0	0.0	
23	32.0	0.0	0.0	7.0	0.0	22.0	20.0	0.0	4.0	23.0	0.0	0.0	
24	0.0	0.0	0.0	3.0	0.0	0.0	16.0	0.0	4.0	14.0	0.0	0.0	
25	0.0	0.0	8.0	5.0	34.0	0.0	7.0	15.0	9.0	4.0	0.0	0.0	
26	0.0	0.0	6.0	4.0	0.0	0.0	0.0	24.0	10.0	20.0	0.0	0.0	
27	8.0	0.0	0.0	18.0	0.0	0.0	5.0	28.0	0.0	8.0	3.0	0.0	
28	0.0	0.0	0.0	10.0	0.0	0.0	15.0	25.0	0.0	4.0	0.0	8.0	
29	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	3.0	13.0	0.0	0.0	
30	0.0	0.0	7.0	0.0	0.0	0.0	13.0	4.0	21.0	2.0	10.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	5.0	0.0	9.0	0.0	
Total D. LL.	54.5 7	70.0 6	103.0 16	132.0 14	97.0 9	82.0 7	177.0 16	205.0 12	187.0 15	231.0 24	113.0 12	80.0 8	
TOTALES ANUALES												1531.5 mm.	146 Días lluvia

ESTACION: EL PLACER

MUNICIPIO: ANSERMANUEVO

AÑO: 1.987

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	0.0	0.0	10.0	0.0	0.0	10.0	10.0	10.0	0.0	51.0	
2	0.0	0.0	0.0	0.0	1.0	0.0	0.0	15.0	12.0	10.0	0.0	0.0	
3	0.0	0.0	2.0	0.0	15.0	0.0	0.0	0.0	0.0	30.0	12.0	26.0	
4	0.0	0.0	0.0	40.0	16.0	15.0	17.0	0.0	0.0	26.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	9.0	20.0	0.0	0.0	15.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	29.0	12.0	0.0	0.0	17.0	30.0	31.0	14.0	
7	0.0	0.0	3.0	0.0	0.0	10.0	0.0	0.0	0.0	28.0	0.0	0.0	
8	0.0	0.0	2.0	12.0	3.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
9	15.0	0.0	5.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	
10	20.0	0.0	3.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	3.0	61.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	
12	30.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	2.5	
13	7.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	45.0	21.0	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	10.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
16	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	
17	20.0	32.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	14.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	22.0	0.0	
20	0.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	
22	10.0	0.0	0.0	0.0	0.0	14.0	3.0	0.0	0.0	0.0	12.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	13.0	0.0	10.0	0.0	0.0	20.0	0.0	0.0	
25	0.0	0.0	5.0	15.0	0.0	0.0	20.0	11.0	0.0	10.0	0.0	0.0	
26	0.0	0.0	3.5	16.0	0.0	0.0	30.0	0.0	40.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	21.0	0.0	0.0	10.0	0.0	20.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	40.0	31.0	0.0	19.0	0.0	0.0	19.0	0.0	0.0	
29	0.0	0.0	0.0	7.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	3.0	0.0	0.0	3.5	0.0	30.0	0.0	27.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	
Total D. LL.	150.0 10	93.0 2	27.5 8	154.0 8	161.5 11	86.0 7	150.0 13	71.0 5	210.0 9	268.0 15	171.0 8	93.5 4	
TOTALES ANUALES												1675.5 mm.	100 Días 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: 1.987
 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	0.0	9.0	25.0	0.0	0.0	31.0	0.0	0.0	0.0	16.0
2	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	15.0	10.0	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	12.0
4	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0
5	0.0	0.0	9.0	0.0	16.0	9.0	0.0	33.0	0.0	0.0	20.0	11.0
6	0.0	0.0	0.0	0.0	19.0	12.0	0.0	0.0	0.0	0.0	24.0	18.0
7	12.0	39.0	0.0	0.0	0.0	8.0	0.0	0.0	52.0	10.0	0.0	0.0
8	18.0	0.0	0.0	27.0	10.0	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	28.0	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	14.0	16.0	0.0
11	0.0	0.0	31.0	0.0	16.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0
12	0.0	23.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	1.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	65.0	11.0	14.0	0.0
14	0.0	14.0	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	27.0	0.0	19.0	0.0	0.0	25.0	0.0	0.0	0.0	15.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0
17	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0
18	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	15.0	10.0	0.0
19	0.0	0.0	0.0	37.0	14.0	0.0	26.0	0.0	0.0	0.0	8.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	26.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	10.0	0.0	0.0
22	0.0	30.0	0.0	25.0	0.0	0.0	0.0	0.0	8.0	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	12.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
26	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
27	0.0	12.0	13.0	0.0	0.0	0.0	0.0	0.0	18.0	10.0	0.0	0.0
28	4.0	0.0	0.0	17.0	0.0	0.0	0.0	18.0	0.0	11.0	0.0	0.0
29	6.0	0.0	0.0	12.0	0.0	0.0	37.0	12.0	30.0	0.0	0.0	0.0
30	0.0	0.0	0.0	41.0	0.0	0.0	30.0	0.0	0.0	0.0	26.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	27.0	11.0	0.0	0.0	0.0	0.0
Total D. LL.	40.0 4	138.0 6	102.0 6	193.0 9	148.0 9	29.0 3	176.0 7	162.0 8	212.0 8	146.0 12	153.0 10	85.0 7
TOTALES ANUALES							1584.0 mm.				89 Dias lluvia	

ESTACION: DINAMARCA MUNICIPIO: ULLOA AÑO: 1.987
 ALTITUD: LATITUD: 4-45 N. LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	15.0		34.0
2	0.0	0.0	0.0	4.0	14.0	0.0	10.0	10.0	7.0	0.0		0.0
3	0.0	0.0	10.0	2.0	27.0	0.0	13.0	0.0	1.0	3.0		18.0
4	0.0	0.0	0.0	28.0	1.0	0.0	3.0	2.0	12.0	13.0		0.0
5	0.0	0.0	16.0	0.0	0.0	40.0	0.0	0.0	0.0	12.0		68.0
6	10.0	0.0	1.0	0.0	0.0	0.0	4.0	0.0	6.0	6.0		0.0
7	19.0	0.0	12.0	10.0	7.0	2.0	0.0	13.0	0.0	22.0		10.0
8	9.0	0.0	6.0	27.0	0.0	0.0	0.0	11.0	0.0	14.0		3.0
9	0.0	5.0	5.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0		78.0
10	0.0	10.0	21.0	0.0	0.0	9.0	0.0	30.0	0.0	0.0		0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0		0.0
12	0.0	3.0	19.0	2.0	22.0	0.0	1.0	2.0	0.0	0.0		0.0
13	0.0	0.0	2.0	0.0	27.0	21.0	1.0	0.0	18.0	0.0		5.0
14	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	24.0	4.0		12.0
15	0.0	0.0	12.0	0.0	16.0	0.0	0.0	0.0	10.0	5.0		0.0
16	0.0	0.0	1.0	4.0	0.0	0.0	11.0	3.0	0.0	19.0		0.0
17	0.0	0.0	2.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0		0.0
18	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
19	5.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	27.0	0.0		0.0
20	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	6.0	4.0		0.0
21	2.0	13.0	0.0	0.0	77.0	0.0	14.0	0.0	0.0	0.0		0.0
22	19.0	0.0	0.0	0.0	11.0	10.0	0.0	0.0	7.0	3.0		0.0
23	11.0	0.0	0.0	3.0	24.0	0.0	0.0	0.0	20.0	0.0		0.0
24	0.0	0.0	0.0	28.0	0.0	3.0	0.0	0.0	12.0	0.0		0.0
25	0.0	0.0	0.0	1.0	0.0	0.0	24.0	0.0	0.0	3.0		0.0
26	0.0	0.0	6.0	29.0	16.0	0.0	0.0	13.0	0.0	0.0		0.0
27	0.0	0.0	0.0	32.0	0.0	0.0	3.0	0.0	2.0	33.0		0.0
28	0.0	0.0	0.0	16.0	3.0	0.0	36.0	0.0	0.0	0.0		1.0
29	0.0	0.0	29.0	5.0	0.0	4.0	4.0	0.0	27.0	17.0		66.0
30	0.0	0.0	5.0	65.0	0.0	2.0	5.0	0.0	0.0	0.0		8.0
31	0.0	0.0	11.0	0.0	0.0	0.0	39.0	0.0	0.0	0.0	0.0	0.0
Total D. LL.	78.0 8	31.0 4	158.0 16	258.0 16	254.0 14	103.0 9	176.0 15	109.0 10	179.0 14	173.0 15	0.0 0	303.0 11
TOTALES ANUALES							1822.0 mm.				132 Dias lluvia	

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

ESTACION: LA COMARCA

MUNICIPIO: ALCALA

AÑO: 1.987

ALTITUD:

LATITUD: 4-41 N.

LONGITUD: 75-47 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC
1	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0				
2	0.0	0.0	0.0	5.0	15.0	0.0	0.0	0.0		6.0		0.0
3	0.0	0.0	6.0	12.0	27.0	0.0	20.0	0.0		0.0		24.0
4	0.0	0.0	0.0	0.0	0.0	48.0	5.0	4.0		0.0		0.0
5	0.0	0.0	31.0	0.0	0.0	0.0	0.0	0.0		4.0		0.0
6	0.0	0.0	5.0	44.0	0.0	0.0	0.0	0.0		15.0		0.0
7	23.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0		0.0		0.0
8	11.0	8.0	0.0	0.0	0.0	3.0	0.0	3.0		0.0		0.0
9	0.0	4.0	5.0	0.0	10.0	0.0	5.0	20.0		5.0		29.0
10	0.0	0.0	22.0	0.0	0.0	4.0	5.0	0.0		24.0		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	3.0	0.0		0.0		0.0
13	0.0	0.0	0.0	0.0	0.0	20.0	0.0	31.0		0.0		0.0
14	0.0	0.0	5.0	0.0	30.0	0.0	0.0	0.0		0.0		24.0
15	0.0	0.0	0.0	0.0	48.0	3.0	0.0	5.0		0.0		0.0
16	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0		0.0		0.0
17	0.0	0.0	19.0	0.0	7.0	0.0	0.0	0.0		6.0		0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0		25.0		0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		10.0		0.0
20	10.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0		0.0		0.0
21	0.0	0.0	0.0	0.0	25.0	0.0	1.0	0.0		5.0		0.0
22	24.0	0.0	0.0	0.0	25.0	0.0	2.0	0.0		0.0		0.0
23	0.0	0.0	0.0	3.0	18.0	13.0	3.0	0.0		1.0		0.0
24	0.0	0.0	4.0	0.0	0.0	0.0	6.0	0.0		0.0		0.0
25	0.0	0.0	0.0	20.0	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	20.0	0.0		0.0		0.0
27	0.0	0.0	5.0	44.0	21.0	0.0	4.0	0.0		0.0		0.0
28	0.0	0.0	0.0	8.0	0.0	0.0	0.0	27.0		3.0		0.0
29	0.0	0.0	14.0	9.0	0.0	0.0	26.0	7.0		20.0		0.0
30	0.0	0.0	0.0	53.0	0.0	1.0	5.0	2.0		0.0		0.0
31	0.0	0.0	3.0	0.0	0.0	0.0	6.0	0.0		0.0		24.0
Total	68.0	12.0	131.0	212.0	257.0	92.0	172.0	110.0		124.0		106.0
D.LL	4	2	12	10	12	7	15	10		12		5
TOTALES ANUALES												
mm.												
Dias lluvia												

ESTACION: CIDER

MUNICIPIO: BOLIVAR
LATITUD: 4-20 N.

AÑO: 1.987
LONGITUD: 76-11 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	1.8				
2	0.0	0.0	0.0	0.2	0.8	0.2	0.6	8.3		0.0	0.0	8.5
3	0.0	0.0	2.7	13.8	0.9	0.0	0.2	0.2		0.0	0.0	12.5
4	0.0	0.0	0.3	0.8	0.7	0.0	4.3	0.0		0.0	0.0	0.0
5	0.0	0.0	0.3	0.0	0.0	0.0	0.1	9.5		0.0	0.0	5.5
6	0.0	14.3	0.5	0.0	0.2	0.2	1.5	0.9		0.0	0.0	0.0
7	0.0	0.0	0.5	0.2	0.0	0.0	1.5	10.0		3.4	0.0	0.0
8	0.0	0.0	0.4	0.0	0.8	0.0	1.5	12.5		9.2	0.0	0.0
9	0.0	0.0	0.2	0.0	0.9	0.0	0.0	0.0		8.0	0.0	0.0
10	0.0	0.0	0.1	0.0	0.0	0.0	1.5	8.8		0.0	0.0	0.0
11	0.0	8.5	0.2	0.0	0.0	6.5	0.0	3.5		15.3	4.5	0.0
12	0.0	0.0	0.3	0.0	0.8	0.0	0.0	7.7		4.5	0.0	0.0
13	0.0	7.1	0.4	0.0	0.5	0.0	0.0	8.8		0.0	0.0	0.0
14	0.0	0.5	4.2	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
15	0.0	3.0	0.0	0.0	0.7	0.0	0.0	0.0		0.0	6.5	0.0
16	0.0	0.0	0.0	0.3	0.0	0.0	3.5	0.0		5.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		3.5	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0		2.0	8.5	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		8.5	3.2	0.0
20	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0		4.2	0.0	0.0
21	0.0	0.0	0.0	0.2	3.0	0.0	3.5	0.0		0.0	0.0	0.0
22	0.0	0.0	0.4	0.0	2.5	0.0	1.1	0.0		0.0	0.0	0.0
23	0.0	0.0	0.2	1.9	0.0	1.5	0.0	0.0		0.0	0.0	0.0
24	11.5	0.0	0.2	1.5	0.0	0.0	1.5	0.0		4.3	9.5	0.0
25	0.0	0.0	0.4	0.2	0.0	0.0	0.1	0.0		8.5	3.5	0.0
26	0.0	0.0	4.0	0.0	0.0	0.0	0.2	0.0		10.0	8.5	0.0
27	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0		11.0	0.0	5.5
28	0.0	0.0	0.5	0.0	0.0	0.0	0.2	0.0		12.5	0.0	2.0
29	0.0	0.0	0.3	0.0	0.0	0.0	1.1	0.4		8.8	5.5	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2		10.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0		0.0	0.0	0.0
Total	11.5	33.4	12.2	27.1	22.8	8.4	29.9	72.6		128.7	49.7	34.0
D.LL	1	5	18	12	13	4	17	13		17	8	5
TOTALES ANUALES												
mm.												
Dias lluvia												

Fecha	ENERO				FEBRERO			
	DIURNO		NOCTURNO		DIURNO		NOCTURNO	
	Dirección dominante	Velocidad media m/s	Dirección dominante	Velocidad media m/s	Dirección dominante	Velocidad media m/s	Dirección dominante	Velocidad media m/s
1	SE	3,1	SE	2,9	NW	2,1	SE	4,3
2					NW	2,4	SE	3,4
3					V	1,7	SE	4,4
4					SE	2,4	SE	3,7
5	NW	2,3	SE	3,7	NW	1,8	SE	2,5
6	SE	2,2	SE	3,6	V	2,0	SE	2,9
7	V	2,3	SE	1,7	V	2,8	SE	3,3
8	NW	2,0	SE	3,2	NW	2,0	SE	5,0
9	NW	1,8	SE	2,8	NE	2,3	SE	5,0
10	NW	1,9	SE	4,0	NW	1,7	SE	2,8
11	NW	2,1	SE	3,5	NW	1,8	SE	2,9
12	V	2,0	SE	3,4	SE	2,5	SE	1,7
13	NW	1,9	SE	3,1	NW	1,8	V	2,9
14	NW	2,3	SE	4,0	V	2,1	SE	2,3
15	V	2,1	SE	3,7	NW	1,8	SE	3,4
16	NW	2,3	SE	4,6	V	1,2	SE	3,2
17	V	2,5	SE	4,8	NW	1,6	SE	1,8
18	NW	2,3	SE	2,1	V	1,9	SE	3,7
19	NW	1,0	SE	2,2	V	2,1	SE	2,3
20	NW	1,7	SE	3,1	NW	1,9	SE	3,5
21	SE	1,8	SE	2,8	V	2,0	SE	3,4
22	SE	2,3	SE	2,1	NW	2,2	SE	4,1
23	NW	1,6	SE	3,2	NW	2,6	SE	4,6
24	NW	2,2	SE	4,1	NW	2,0	SE	3,8
25	V	2,1	SE	3,7	NW	2,0	SE	4,2
26	NW	1,7	SE	3,1	NW	2,1	SE	3,1
27	NW	2,4	SE	2,7	V	1,9	SE	3,6
28	NW	2,1	SE	3,8	NW	2,0	SE	3,7
29	V	2,2	SE	3,5				
30	V	1,6	SE	3,4				
431	NW	1,7	SE	2,1				
MES	NW	2,0	SE	3,2	NW	2,0	SE	3,4

Fecha	MARZO				ABRIL			
	DIURNO		NOCTURNO		DIURNO		NOCTURNO	
	Dirección dominante	Velocidad media m/s	Dirección dominante	Velocidad media m/s	Dirección dominante	Velocidad media m/s	Dirección dominante	Velocidad media m/s
1	V	2,1	SE	4,6	SE	2,2	V	1,0
2	SE	2,8	SE	5,0	NW	1,8	SE	1,4
3	V	2,4	SE	4,6	NW	1,5	SE	2,0
4	NW	1,8	SE	2,6	V	1,7	SE	3,5
5	V	2,1	SE	1,7	NW	2,4	SE	2,9
6	NW	2,1	SE	2,5	NW	2,5	SE	3,6
7	NW	2,3	SE	2,2	NW	2,2	SE	3,4
8	NW	2,6	SE	2,6	SE	2,8	SE	1,2
9	NW	1,8	SE	1,6	NW	1,8	SE	2,8
10	NW	2,0	SE	3,6	NW	1,8	SE	2,4
11	SW	2,1	V	2,1	NW	1,7	SE	2,3
12	V	1,7	SE	1,8	NW	2,4	SE	3,2
13	NW	1,8	SE	2,3	NW	1,9	SE	4,6
14	NW	1,8	SE	3,3	V	2,4	SE	4,5
15	V	2,2	SE	2,3	NW	2,2	SE	3,5
16	NW	2,0	SE	3,8	NW	2,0	SE	5,0
17	SE	2,0	SE	4,3	NW	2,2	V	2,1
18	V	1,8	SE	3,9	NE	2,0	SE	4,9
19	NW	1,7	SE	4,8				
20	NW	1,9	SE	3,9				
21	NW	2,0	SE	2,3			SE	3,8
22	V	2,3	SE	3,1	NW	1,6	SE	3,2
23	V	1,7	SE	2,1	SE	2,2	SE	4,1
24	NW	1,7	SE	2,3	NW	1,2	SE	1,5
25	V	2,0	SE	2,8	SE	1,9	SE	1,5
26	NW	2,0	SE	2,9	NW	1,5	SE	1,6
27	NW	2,0	SE	2,0	SE	2,1	SE	2,2
28	NW	2,3	SE	4,2	NW	1,9	SE	2,5
29	NW	1,9	SE	3,1	NW	1,8	SE	1,0
30	V	2,4	SE	1,6	NW	1,4	SE	1,4
31	SE	2,6	SE	2,9				
MES	NW	2,1	SE	3,0	NW	2,0	SE	2,8

MAYO

Fecha	DIURNO		NOCTURNO	
	Dirección dominante	Velocidad media m/s	Dirección dominante	Velocidad media m/s
1	NW	1,1	SE	2,0
2	V	2,4	SE	2,1
3	NW	1,9	SE	2,9
4	NW	1,7	SE	2,6
5	V	2,0	SE	2,0
6	NW	1,7	SE	1,8
7	NW	2,1	SE	4,0
8	V	1,5	SE	3,5
9	NW	1,8	SE	2,0
10	NW	1,4	SE	3,5
11	NE	2,2	SE	3,9
12	NW	2,0	SE	3,0
13	NW	1,8	SE	1,4
14	NE	1,8	SE	1,7
15	NW	2,2	NW	1,1
16	V	1,1	SE	1,3
17	NW	1,8	SE	2,1
18	NW	1,9	SE	2,7
19	NW	2,0	SE	3,3
20	V	2,5	SE	1,0
21	NW	1,4	SE	2,0
22	NW	1,7	SE	1,2
23	NW	2,2	SE	1,2
24	NW	1,7	SE	2,8
25	V	2,1	SE	4,0
26	SE	2,2	V	1,0
27	V	1,5	SE	3,2
28	NW	1,9	SE	4,3
29	NW	1,8	SE	4,4
30	NW	2,1	SE	3,9
31	SE	2,0	SE	2,0
MES	NW	1,9	SE	2,5

JUNIO

Fecha	DIURNO		NOCTURNO	
	Dirección dominante	Velocidad media m/s	Dirección dominante	Velocidad media m/s
1	NW	1,5	SE	3,6
2	SE	2,1	SE	3,8
3	NW	2,0	SE	3,9
4	V	1,7	SE	1,9
5	NW	1,3	SE	2,3
6	NW	1,7	SE	3,6
7	NE	1,7	SE	1,9
8	SE	2,1	SE	3,7
9	V	2,0	SE	3,3
10	V	1,7	SE	3,0
11	NW	2,3	SE	3,6
12	NE	2,1	SE	3,5
13	NW	1,4	SE	2,1
14	SE	1,4	SE	2,7
15	NW	1,6	SE	3,6
16	NE	1,7	SE	3,9
17	NW	2,2	SE	3,6
18	V	1,8	SE	3,7
19	NW	2,2	SE	1,9
20	SE	1,9	SE	3,9
21	V	1,6	SE	3,6
22	NW	2,2	SE	3,1
23	NW	2,0	SE	1,9
24	NW	1,2	SE	3,4
25	NW	1,8	SE	3,9
26	NW	2,3	SE	3,0
27	SE	2,8	SE	4,7
28	NW	2,4	SE	4,1
29	NE	2,0	SE	3,8
30	NW	1,9	SE	2,4
MES	NW	1,9	SE	3,2

JULIO

Fecha	DIURNO		NOCTURNO	
	Dirección dominante	Velocidad media m/s	Dirección dominante	Velocidad media m/s
1	NW	1,8	SE	3,4
2	NW	2,0	SE	3,3
3				
4				
5				
6	V	1,7	SE	3,5
7	NW	1,8	SE	3,6
8	V	2,1	SE	2,8
9	NW	1,8	SE	2,1
10	NW	1,9	SE	3,0
11	NW	1,9	SE	3,1
12	NW	1,7	SE	3,2
13	NW	1,9	SE	2,0
14	NW	2,5	SE	2,9
15	NW	2,2	SE	4,0
16	V	1,8	SE	1,8
17	NW	1,5	NE	0,8
18	NW	1,5	SE	2,8
19	V	2,5	SE	3,4
20	NW	2,3	SE	4,0
21	NW	2,0	SE	2,6
22	NE	2,1	SE	3,8
23	NW	2,3	SE	2,4
24	NW	1,9	SE	1,5
25	NW	1,6	SE	1,9
26	V	1,5	SE	2,1
27	NE	1,5	SE	1,6
28	NW	2,2	SE	2,6
29	NW	1,7	V	1,4
30	NW	1,5	SE	1,3
31	NW	1,7	SE	1,7
MES	NW	1,9	SE	2,6

AGOSTO

Fecha	DIURNO		NOCTURNO	
	Dirección dominante	Velocidad media m/s	Dirección dominante	Velocidad media m/s
1	V	1,5	SE	1,5
2	NW	1,7	NW	0,8
3	NW	1,7	SE	2,8
4	NW	1,9	V	1,3
5	NW	2,0	SE	2,9
6	NW	1,7	SE	3,7
7	NW	1,8	SE	3,2
8	NW	1,8	SE	2,3
9	NW	2,0	SE	2,2
10	NW	1,5	SE	2,0
11	NW	1,7	SE	2,2
12	NW	1,8	SE	1,8
13	NW	1,9	SE	3,0
14	NE	1,9	SE	3,7
15	NW	1,9	SE	3,9
16	NW	2,1	SE	4,0
17	V	1,5	SE	3,9
18	NW	1,8	SE	3,7
19	NW	2,2	SE	3,1
20	NW	1,8	SE	3,3
21	SE	2,2	SE	3,9
22	V	1,9	SE	4,0
23	NW	2,2	SE	3,6
24	SE	1,9	SE	3,7
25	NW	2,0	SE	4,2
26	NW	2,2	SE	2,4
27	NW	1,7	SE	1,2
28	NW	1,8	SE	3,3
29	SE	2,4	SE	1,8
30	NW	1,8	SE	1,7
31	NW	1,9	SE	2,7
MES	NW	1,9	SE	2,8

Estación: CENICAFE
 Altitud : 1.310 metros

Municipio: Chinchiná
 Latitud : 5 - 00 N

Año: 1987
 Longitud: 75 - 36 W

Fecha	SEPTIEMBRE				OCTUBRE			
	DIURNO		NOCTURNO		DIURNO		NOCTURNO	
	Dirección dominante	Velocidad media m/s	Dirección dominante	Velocidad media m/s	Dirección dominante	Velocidad media m/s	Dirección dominante	Velocidad media m/s
1	V	1,4	SE	1,9	V	2,2	SE	2,5
2	NW	2,0	SE	2,3	NW	1,6	SE	2,2
3	NW	1,5	SE	1,4	NW	3,2	SE	1,6
4	NW	1,7	V	1,1	NW	2,3	V	2,3
5	NW	1,4	SE	3,8	NW	2,2	SE	1,6
6	V	2,0	SE	1,6	V	1,8	SE	2,3
7	NW	2,1	SE	2,1	NW	1,6	SE	2,0
8	NW	1,6	SE	2,2	NW	1,7	SE	1,0
9	NW	1,7	SE	2,0	NW	1,7	SE	3,5
10	NW	2,1	SE	4,2	NW	1,8	SE	3,1
11	NW	2,5	SE	3,4	NW	1,5	SE	1,9
12	NW	2,1	SE	4,0	NW	2,4	SE	3,3
13	NW	2,0	SE	1,6	NW	2,3	SE	2,2
14	NW	2,0	SE	1,7	NW	2,2	SE	1,5
15	V	3,0	SE	4,2	SE	2,6	SE	2,1
16	NW	2,0	SE	2,7	NW	2,9	SE	1,1
17	NW	2,3	SE	3,1	NW	1,4	SE	1,8
18	NW	2,0	SE	2,9	NW	1,2	SE	1,7
19	NW	1,9	SE	1,9	NW	2,6	SE	3,3
20	NW	2,1	NW	1,6	V	1,6	NW	1,7
21	NW	1,7	SE	2,5	NW	1,6	SE	2,6
22	NW	1,7	SE	2,1	NW	1,9	SE	2,5
23	NW	1,9	SE	2,9	NW	3,1	SE	3,4
24	V	2,1	SE	1,2	V	1,7	SE	1,0
25	NW	1,3	SE	2,5	NW	2,0	SE	1,9
26	NW	1,7	SE	3,1	NW	1,7	SE	1,5
27	NW	2,1	SE	3,7	NW	2,2	SE	1,1
28	V	2,2	SE	1,6	NW	1,1	SE	1,0
29	NW	2,1	SE	1,8	NW	1,8	SE	1,7
30	NW	2,1	SE	2,2	V	1,6	SE	1,8
31					SE	2,1	V	1,5
MES	NW	1,9	SE	2,4	NW	2,0	SE	2,0

Fecha	NOVIEMBRE				DICIEMBRE			
	DIURNO		NOCTURNO		DIURNO		NOCTURNO	
	Dirección dominante	Velocidad media m/s	Dirección dominante	Velocidad media m/s	Dirección dominante	Velocidad media m/s	Dirección dominante	Velocidad media m/s
1	NW	1,9	SE	2,2	NW	1,6	V	1,4
2	NW	2,5	SE	1,8	NW	1,8	V	1,2
3	NW	2,9	SE	3,7	V	1,8	SE	3,0
4	SE	2,0	SE	3,8	NW	2,3	V	1,8
5	NW	2,1	SE	3,4	NW	2,2	SE	1,9
6	SE	2,6	SE	3,3	NW	1,9	V	1,7
7	V	2,5	SE	3,7	V	1,4	SE	2,1
8	NW	2,1	SE	3,8	NW	2,0	SE	3,0
9	NW	2,3	SE	2,9	NW	2,1	SE	4,2
10	NW	2,0	SE	2,8	SE	1,8	SE	3,3
11	V	2,2	SE	4,0	SE	1,8	SE	3,2
12	SE	2,3	SE	2,7	NW	2,1	SE	3,5
13					NW	1,7	SE	2,9
14					NW	1,8	SE	3,4
15					NW	2,2	SE	2,4
16					V	2,2	SE	4,8
17			SE	3,6	NW	2,4	SE	4,4
18	SE	2,1	SE	1,4	NW	2,5	SE	3,9
19	NW	1,7	SE	1,6	NW	2,0	SE	2,1
20	SE	2,2	SE	1,3	NW	1,8	SE	3,0
21	SE	1,8	SE	2,6	NW	2,2	SE	4,1
22	NW	2,1	SE	4,2	SE	2,0	SE	4,8
23	NW	1,9	SE	2,9	NW	2,2	SE	4,3
24	NW	2,3	SE	2,4	NW	2,5	SE	4,6
25	V	2,2	SE	2,4	V	1,8	SE	3,5
26	NW	1,8	SE	1,5	NW	1,8	SE	4,4
27	SE	2,0	SE	4,3	NW	1,8	SE	1,7
28	NW	1,9	SE	3,2	SE	2,1	SE	2,1
29	V	2,1	SE	2,3	V	1,7	SE	1,3
30	SE	1,5	SE	2,0	NW	1,6	SE	3,8
31					NW	2,8	SE	3,8
MES	NW		SE		NW	2,0	SE	3,1

ENERO

Fecha	DIURNO			NOCTURNO						
	Dirección dominante	Velocidad Km/hora	Med	Ráfaga máxima		Dirección dominante	Velocidad Km/hora	Med	Ráfaga máxima	
				Dirección	Velocidad Km/hora	Dirección	Velocidad Km/hora		Dirección	Velocidad Km/hora
1	NW	5,3		NW	25,9	SE	8,1		SE	21,6
2	NW	4,7		NW	16,9	SE	7,7		SE	22,3
3	V	4,1		NE	16,6	SE	5,5		SE	18,4
4	NW	5,5		SE	22,7	SE	5,2		SE	19,8
5	SE	5,1		NW	18,0	SE	7,2		SE	19,1
6	NW	6,0		SE	23,4	SE	5,9		SE	16,2
7	SW	4,3		NW	18,7	E	3,0		E	9,0
8	NW	3,5		NW	17,3	SE	6,9		SE	18,4
9	NW	4,2		SW	20,9	SE	3,9		SE	21,6
10	NW	4,0		NW	21,6	SE	6,0		SE	14,8
11	SE	4,5		SE	30,6	SE	6,1		SE	24,5
12	SW	3,7		NW	16,6	SE	5,4		SE	20,9
13	NW	3,9		NW	22,3	SE	5,8		SE	23,4
14	NW	4,4		NW	20,9	SE	6,8		SE	20,9
15	NW	4,4		NW	22,7	SE	4,9		SE	15,5
16	NW	4,7		SW	28,8	SE	7,7		SE	22,7
17	NW	4,5		NE	16,2	SE	7,4		SE	20,9
18	V	5,4		SE	52,2	SE	3,7		SE	25,2
19	NW	2,3		NW	10,1	SE	3,6		SE	11,5
20	NW	4,6		SE	24,5	SE	5,6		SE	16,6
21	NW	4,6		NW	38,2	SE	5,6		SE	15,1
22	SE	4,4		SE	22,3	SE	2,8		SE	15,5
23	NW	4,1		NW	18,0	SE	5,9		SE	19,1
24	NW	5,2		NW	21,2	SE	5,9		SE	18,0
25	V	4,6		NW	15,5	SE	7,8		SE	20,2
26	NW	3,8		NW	17,3	SE	4,8		SE	27,0
27	NW	4,6		NE	16,6	SE	5,0		SE	22,7
28	NW	4,5		W	15,5	SE	7,2		SE	22,7
29	NW	4,4		NW	19,1	SE	7,0		SE	19,8
30	SW	3,6		NW	16,2	SE	6,1		SE	20,5
31	NW	4,2		NW	16,2	SE	4,5		SE	14,4
MES	NW	4,4		SE	52,2	SE	5,8		SE	27,0

FEBRERO

Fecha	DIURNO			NOCTURNO						
	Dirección dominante	Velocidad Km/hora	Med	Ráfaga máxima		Dirección dominante	Velocidad Km/hora	Med	Ráfaga máxima	
				Dirección	Velocidad Km/hora	Dirección	Velocidad Km/hora		Dirección	Velocidad Km/hora
1	NW	4,5		NW	19,8	SE	7,0		SE	19,1
2	NW	5,2		NW	24,5	SE	7,6		SE	26,3
3	SW	4,5		SE	21,6	SE	8,3		SE	25,2
4	V	4,7		NW	22,3	SE	5,4		SE	18,0
5	NW	3,2		NE	14,4	SE	4,8		SE	23,4
6	V	4,7		SE	28,8	SE	3,9		SE	14,4
7	NW	6,4		NE	33,1	SE	5,0		SE	20,2
8	NW	4,0		NW	19,8	SE	7,3		SE	17,3
9	NW	4,4		NW	25,2	SE	8,0		SE	22,7
10	NW	4,1		NE	64,1	SE	6,5		NE	25,9
11	NW	3,8		NW	15,5	SE	5,3		SE	17,3
12	SE	4,6		SE	23,4	SE	3,1		NE	12,6
13	NW	3,5		NW	16,2	SE	4,7		SE	16,2
14	NW	6,3		SW	30,6	NE	3,5		NE	5,4
15	NW	3,9		NW	17,3	SE	6,0		SE	18,0
16	NE	3,0		NW	12,6	SE	4,8		SE	18,0
17	V	3,8		NW	12,6	N	2,8		N	3,6
18	SW	3,8		NW	14,4	SE	6,0		SE	18,7
19	V	3,8		NW	12,6	SW	3,6		SW	7,2
20	SW	5,2		SW	23,4	SE	5,1		SE	15,1
21	NW	3,5		NW	19,8	SW	6,7		SW	18,7
22	V	5,3		NW	18,4	SE	7,9		SE	24,5
23	SW	5,1		SW	23,4	SE	8,0		SE	24,8
24	NW	4,9		NW	18,7	SE	8,0		SE	20,9
25	SW	4,3		NW	19,1	SE	8,4		SE	22,3
26	NW	4,6		NW	18,0	SE	5,1		SE	16,6
27	NW	5,1		SW	23,8	SE	7,3		SE	20,9
28	NW	5,0		SW	17,3	SE	4,9		SE	19,8
MES	NW	4,5		NE	64,1	SE	5,9		SE	26,3

MARZO

Fecha	DIURNO			NOCTURNO				
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Ráfaga máxima Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Ráfaga máxima Velocidad Km/hora
1	V	4,3	NW	19,8	SE	6,0	SE	18,7
2	SE	5,9	SE	35,3	SE	7,5	SE	23,4
3	NW	6,5	SE	38,2	SE	7,6	SE	23,4
4	SE	3,3	SE	13,7	SE	4,1	SE	16,2
5	NW	5,3	NW	24,5	NE	5,3	NE	64,1
6	NW	4,9	SW	20,5	SE	5,9	NE	58,7
7	NW	5,9	SE	28,1	SE	3,8	SE	25,9
8	NW	7,2	SE	30,6	SE	5,0	SE	24,5
9	NW	3,9	NW	17,3	NE	3,0	SE	19,8
10	NW	5,3	NW	18,0	SE	6,0	SE	19,8
11	NW	5,2	SE	30,6	SE	6,2	SE	31,0
12	V	4,4	NW	19,1	SE	3,0	SE	18,0
13	SE	4,1	SE	16,2	SE	3,4	SE	12,6
14	NW	4,4	NW	20,9	SE	5,8	SE	24,5
15	NW	4,7	SE	24,5	SE	3,8	SE	26,3
16	NW	4,1	NE	19,1	SE	6,9	SE	15,1
17	SE	4,2	SE	17,3	SE	6,8	SE	18,7
18	NW	4,3	SW	15,5	SE	6,9	SE	17,3
19	NW	3,8	NW	15,8	SE	8,2	SE	20,5
20	NW	4,6	NW	22,3	SE	6,5	SE	23,4
21	NW	5,2	NW	28,8	SE	4,4	NW	12,6
22	NW	6,2	SW	27,0	SE	6,2	SE	16,2
23	SW	4,4	SE	21,6	SW	4,6	SE	14,4
24	NW	5,3	NW	19,4	SE	5,0	SE	16,6
25	NW	5,5	NW	24,5	SE	4,2	S	18,0
26	NW	4,3	NW	23,4	SE	5,0	SE	14,4
27	NW	4,8	NW	24,5	SE	2,5	SE	13,7
28	SE	5,0	SE	26,3	SE	5,4	SE	18,7
29	NW	6,1	SE	24,5	SE	6,0	SE	18,0
30	NW	6,5	SE	48,6	NE	2,2	SE	10,8
31	NW	6,1	NW	27,0	SE	5,9	SE	18,0
MES	NW	5,0	SE	48,6	SE	5,3	NE	64,1

ABRIL

Fecha	DIURNO			NOCTURNO				
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Ráfaga máxima Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Ráfaga máxima Velocidad Km/hora
1	NW	6,9	SE	29,9	SE	1,8	SE	10,1
2	NW	3,8	NW	15,5	SE	1,6	SE	7,2
3	NW	2,8	NW	10,8	SE	2,4	SE	7,9
4	NE	2,9	NW	12,6	SE	6,8	SE	19,8
5	NW	6,5	SW	26,3	SE	5,4	SE	15,1
6	NW	5,7	NW	19,8	SE	6,4	SE	18,0
7	NW	4,8	NW	22,3	SE	4,6	SE	20,9
8	V	4,8	NE	18,7	SE	3,6	SW	24,5
9	NW	3,7	NW	10,8	SE	5,8	SE	17,3
10	NW	4,2	NW	15,1	SE	5,1	SE	15,1
11	NW	4,4	NW	19,1	SE	5,3	SE	25,9
12	NW	5,8	NW	22,7	SE	6,8	SE	20,2
13	V	5,4	SE	22,3	SE	7,6	SE	20,2
14	SE	6,2	SE	30,6	SE	7,3	SE	20,9
15	NW	5,2	SW	38,9	SE	6,6	SE	17,3
16	NW	4,8	NW	15,5	SE	7,1	SE	16,9
17	NW	4,2	NW	16,2	SE	5,0	SE	18,0
18	NW	2,9	NW	15,5	SE	7,4	SE	22,0
19	NW	4,2	NW	13,7	SE	6,6	SE	16,6
20	V	5,2	SW	33,8	SE	7,2	SW	30,6
21	SW	3,1	NW	15,5	SE	6,4	SE	21,6
22	NW	2,8	NW	13,3	SE	4,4	SE	13,7
23	SE	4,6	SE	18,4	SE	7,7	SE	22,0
24	NE	2,7	NE	9,0	SE	2,5	SE	16,6
25	NW	3,9	SE	19,8	SE	2,8	SE	11,2
26	NW	3,8	SE	24,5	SE	3,8	SE	10,8
27	NW	5,9	SW	35,3	SE	4,7	SE	22,0
28	NW	3,9	NW	15,1	SE	3,4	SE	16,6
29	SW	4,3	SE	15,5	SE	1,8	SE	15,1
30	SE	3,6	SE	18,0	SE	2,5	SE	20,2
MES	NW	4,4	SW	38,9	SE	5,0	SW	30,6

JULIO

DIURNO

NOCTURNO

Fecha	Ráfaga máxima			Ráfaga máxima				
	Dirección dominante	Velocidad Med Km/hora	Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Dirección	Velocidad Km/hora
1	V	3,7	SW	17,3	SE	6,5	SE	18,0
2	SW	4,3	NW	14,4	SE	6,1	SE	21,6
3	V	4,4	NE	34,6	NE	3,3	NE	13,7
4	V	3,7	NW	16,9	SE	3,7	SW	43,6
5	NE	4,1	NE	22,7	SE	6,8	SE	17,6
6	NW	3,5	NW	11,9	SE	5,4	SE	15,5
7	SE	5,3	NE	22,3	SE	6,4	SE	18,0
8	NW	4,4	NE	18,0	E	4,0	E	10,1
9	NW	4,0	NW	20,2	NW	3,8	SW	15,5
10	NW	4,2	NW	16,6	SE	7,2	SE	34,2
11	NW	3,1	W	13,7	SE	5,9	SE	15,1
12	NW	4,0	SW	13,3	SE	5,5	SE	20,9
13	NW	3,6	SW	12,6	SE	3,8	SE	18,0
14	V	4,3	NW	17,3	SE	4,5	SE	13,7
15	SE	4,9	SE	23,0	SE	5,5	SE	18,0
16	V	3,3	NW	16,2	SE	4,3	SE	18,0
17	NW	4,6	SW	28,1	SE	1,4	SW	15,8
18	NW	2,8	NW	12,6	SE	4,8	SE	16,6
19	SE	6,0	SE	38,2	SE	7,6	SE	19,1
20	SE	4,2	SE	7,2	SE	8,3	SE	24,5
21	NW	4,2	NW	15,5	SE	4,9	SE	18,0
22	SE	3,7	NW	15,1	SE	5,9	SE	16,2
23	SW	4,3	NW	17,5	SE	5,2	NE	27,0
24	SW	4,3	SW	19,1	SW	2,3	SW	22,3
25	NW	3,8	NW	16,6	SW	5,9	SW	34,2
26	V	3,1	NW	10,8	SW	3,3	SW	12,6
27	V	4,2	NW	16,6	NW	2,2	NW	7,2
28	NW	4,0	SW	23,4	SE	4,8	SE	18,7
29	SE	3,3	NW	15,5	V	3,2	SW	24,1
30	V	2,7	SE	12,6	SE	3,6	NE	14,4
31	NW	3,8	SE	18,0	SE	3,4	NE	18,7
MES	NW	4,0	SE	38,2	SE	4,8	SW	43,6

AGOSTO

DIURNO

NOCTURNO

Fecha	Ráfaga máxima			Ráfaga máxima				
	Dirección dominante	Velocidad Med Km/hora	Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Dirección	Velocidad Km/hora
1	NW	2,3	SW	11,5	V	3,6	SW	25,9
2	SW	3,6	SW	22,7	SW	1,4	SW	11,5
3	NW	3,7	NW	13,7	NW	5,1	NW	1,8
4	SW	3,8	SE	16,2	SW	2,8	SW	4,3
5	NW	4,3	SW	22,0	SE	5,9	SE	19,1
6	NW	3,3	SE	12,6	SE	6,4	SE	19,1
7	NW	3,6	NW	15,5	SE	7,2	NE	35,3
8	NW	4,1	NW	14,4	NW	4,0		0,0
9	NW	4,3	NW	16,2	SW	3,9	SW	12,6
10	NW	2,9	NW	13,7	SE	4,3	SE	19,1
11	V	3,1	SW	11,5	NW	3,2	NW	14,4
12	NW	3,6	SE	22,7	W	2,9	W	1,8
13	NW	4,5	NW	18,7	SE	7,8	SE	18,0
14	NW	3,9	NW	18,7	SE	8,1	SE	18,7
15	NW	4,3	NW	16,2	SE	7,8	SE	22,3
16	NW	3,7	NW	15,1	SE	8,3	SE	17,3
17	NW	3,2	NW	21,6	SE	7,0	SE	17,3
18	NW	4,1	NW	13,7	SE	5,5	SE	15,5
19	NW	4,6	NW	18,7	SE	6,8	SE	20,2
20	V	3,3	NW	16,2	SE	6,9	SE	16,6
21					SE	5,9	SE	16,2
22	NW	3,8	NW	12,6	SE	7,3	NE	24,1
23	NW	4,7	SE	26,6	SE	7,8	SE	25,2
24	SW	4,5	SW	24,5	SE	7,8	SE	21,6
25	V	4,1	NW	16,6	SE	7,2	SE	18,0
26	NW	4,3	NW	21,6	SE	4,8	SE	15,5
27	NE	4,4	NE	18,0	NE	1,8		0,0
28	V	4,0	NW	13,3	SE	7,1	SE	17,3
29	NW	6,7	SE	45,0	SE	4,2	SE	13,7
30	NW	3,1	NW	15,1	NW	3,0	SE	12,6
31	V	3,6	NW	12,6	SE	4,8	SE	17,3
MES	NW	3,9	SE	45,0	SE	5,5	NE	35,3

SEPTIEMBRE

Fecha	DIURNO			NOCTURNO				
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Ráfaga máxima Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Ráfaga máxima Velocidad Km/hora
1	NW	3,4	NW	5,4	NW	4,1	NW	1,8
2	NW	3,3	NW	13,7	NW	3,2	NW	9,0
3	W	3,1	NE	12,6	SE	2,9	NE	12,6
4	SW	4,1	SW	16,6	NE	1,6	SW	12,6
5	NW	2,0	NW	7,2	SE	6,7	SE	14,4
6	NW	4,9	SE	24,5	V	3,5	NE	15,1
7	NW	5,0	SW	24,5	SE	4,4	SE	16,6
8	NW	3,2	NE	14,4	SE	4,1	SW	15,5
9	NW	3,0	NW	15,1	SE	3,8	SW	19,1
10	V	4,6	SE	25,9	SE	8,2	SE	19,8
11	NW	6,3	SE	49,0	SE	6,9	SE	18,7
12	NE	4,0	NW	17,6	SE	5,5	SE	13,7
13	SW	5,5	SE	9,0	V	4,1	SE	29,5
14	NW	5,0	SW	18,7	SE	3,5	SE	32,4
15	NW	5,6	SE	24,5	SE	8,5	SE	20,5
16	NW	5,3	NW	23,4	SE	6,1	SE	20,9
17	NW	5,5	NW	17,3	SE	5,3	SE	16,2
18	NW	4,0	NW	18,7	SE	5,7	NW	17,3
19	NW	4,1	NW	16,9	SE	6,6	SE	38,9
20	V	6,6	SE	33,1	SE	2,7	SE	27,0
21	SW	3,6	SW	13,7	SE	4,2	SE	10,8
22	NW	3,9	NW	16,2	SE	4,0	SE	19,1
23	NW	4,5	SE	18,0	SE	6,5	SE	19,1
24	SE	6,2	NE	22,7	SE	2,2	SE	9,0
25	SW	2,7	SW	7,2	V	6,3	SE	15,5
26	SW	3,7	SW	13,7	SE	6,2	SE	16,6
27	NW	4,2	NW	14,4	SE	5,9	SE	16,2
28	V	6,3	SW	42,5	V	4,4	NE	17,3
29	NW	5,6	SW	29,9	SE	4,2	SE	17,3
30	NW	5,6	SW	29,5	NE	5,1	SE	14,4
MES	NW	4,5	SE	49,0	SE	4,9	SE	38,9

OCTUBRE

Fecha	DIURNO			NOCTURNO				
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Ráfaga máxima Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Ráfaga máxima Velocidad Km/hora
1	NW	4,7	NW	17,3	SE	5,4	SE	16,2
2	NW	4,8	SE	18,7	SE	5,6	SE	12,6
3	V	6,4	SW	28,1	SE	2,7	NE	16,6
4	NW	4,9	SE	38,9	SE	5,3	SE	26,3
5	SE	5,8	SE	28,8	SE	4,8	SE	13,7
6	NW	3,7	NW	14,4	SE	4,7	SE	17,3
7	NW	3,0	NW	12,6	SE	4,2	NE	17,3
8	V	5,4	SW	34,6	SW	1,9	NW	9,0
9	NW	4,9	SE	6,7	SE	6,7	SE	16,2
10	NW	4,9	NW	16,2	SE	4,7	SE	12,6
11	SW	2,8	NW	12,6	SE	4,0	SE	14,4
12	NW	7,1	SE	48,6	SE	6,9	SE	17,3
13	NW	6,2	SE	39,6	SE	6,2	NE	28,8
14	SW	6,2	SW	23,4	V	3,2	E	15,1
15	NW	5,8	SE	29,9	SE	4,6	NE	21,6
16	NW	6,2	NW	41,4	SE	3,6	SE	20,9
17	SE	4,5	SE	28,8	SE	4,8	SE	9,0
18	V	2,4	SE	7,2	SE	4,4	NE	13,7
19	SE	5,9	NE	27,0	SE	6,1	SE	16,2
20	SW	5,2	NE	24,5	NW	2,9	NW	16,9
21	NW	4,0	NW	14,4	SE	5,1	SE	13,7
22	NW	4,7	SW	20,2	SE	4,6	SE	12,6
23	NW	6,6	SE	33,1	SE	6,3	SE	18,0
24	SE	5,6	SE	30,6	SE	2,8	SE	10,8
25	SE	4,8	SE	25,2	SE	4,2	NE	22,3
26	NW	5,0	SE	18,7	SE	4,0	SE	19,8
27	NE	5,3	NE	19,8	SE	2,3	SE	10,8
28	V	1,7	NW	9,0	SE	2,2	SE	9,0
29	SE	3,4	SW	17,3	SE	3,2	SE	11,5
30	NW	4,2	NW	29,5	SE	4,6	SE	12,6
31	V	6,3	SE	29,5	SW	3,2	SW	16,2
MES	NW	4,9	SE	48,6	SE	4,4	NE	28,8

NOVIEMBRE

Fecha	DIURNO			NOCTURNO				
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Velocidad Km/hora
1	SE	5,3	SE	24,5	SE	4,6	SE	16,2
2	NW	7,1	W	25,6	SE	4,3	SE	21,6
3	SE	6,0	SE	20,2	SE	5,7	SE	18,0
4	SE	4,2	SE	16,9	SE	5,8	SE	15,5
5	V	4,3	NW	18,7	SE	5,8	SE	15,5
6	NW	6,1	SE	25,2	SE	6,3	SE	19,8
7	SE	5,8	SE	23,4	SE	7,3	SE	19,8
8	SW	3,9	NW	19,8	SE	7,6	SE	18,7
9	NW	4,5	NW	17,3	SE	5,8	SE	18,0
10	NW	4,3	NW	17,3	V	5,2	SW	15,5
11	NW	4,5	NW	16,2	SE	7,6	SE	18,7
12	NW	4,6	NW	17,3	SE	4,0	SE	15,5
13	NW	4,5	SW	18,0	SE	2,3	SE	10,1
14	NW	3,7	SE	19,8	NW	2,8	NW	3,6
15	NW	4,7	SE	21,6	SE	3,7	SE	8,3
16	NW	4,2	NW	16,9	SE	6,3	SE	18,7
17	NW	4,4	NW	12,6	SE	5,2	SE	16,2
18	NW	6,3	SE	28,8	SE	3,1	SW	25,2
19	V	4,6	SW	29,5	SE	2,0	SE	14,4
20	NW	5,7	SE	33,1	SE	2,7	SE	11,5
21	V	3,6	SE	20,2	SE	6,1	SE	9,0
22	NW	4,6	NW	16,9	NW	7,7	NW	7,2
23	NW	4,3	NW	18,7	SE	4,2	SW	16,9
24	NW	6,2	SE	35,3	SE	5,0	NE	24,5
25	NW	4,8	SW	29,9	SE	3,8	SE	12,6
26	NW	4,6	NW	27,0	NW	3,3	SE	16,2
27	SW	4,6	SW	15,1	SE	6,6	SE	15,1
28	NW	4,5	NW	15,1	SE	6,3	SE	15,1
29	NW	5,5	SE	25,2	SE	5,0	SE	18,7
30	SW	3,4	SE	14,4	SE	4,1	SE	7,9
MES	NW	4,8	SE	35,3	SE	5,0	SW	25,2

DICIEMBRE

Fecha	DIURNO			NOCTURNO				
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Velocidad Km/hora
1	NW	4,1	NW	12,6	N	3,9	SE	23,0
2	NW	3,7	SE	12,6	SE	2,0	SW	16,2
3	NW	5,9	SE	26,3	SE	4,5	SE	15,5
4	NW	6,0	SE	33,5	V	4,2	SE	19,8
5	NW	5,1	SW	25,2	NE	4,1	NE	18,7
6	NW	4,0	NW	16,2	SE	3,0	SE	20,2
7	NW	3,6	NW	12,6	SE	4,5	SE	20,2
8	V	5,1	SE	21,6	SE	6,2	SE	18,7
9	SW	5,2	SE	29,5	SE	8,8	SE	24,1
10	SE	3,8	SE	24,1	SE	6,1	SE	18,0
11	V	4,9	NW	17,3	SE	6,0	SE	15,1
12	NW	4,4	NW	16,6	V	5,9	SE	15,1
13	SW	3,9	SW	19,8	SE	4,6	SE	12,6
14	NW	4,0	NW	18,4	SE	4,5	SE	15,1
15	NW	4,6	NW	20,9	SE	4,7	SE	19,8
16	SW	3,8	SW	20,2	SE	6,7	SE	19,4
17	SW	4,8	SW	17,3	SE	8,9	SE	19,8
18	NW	4,8	NW	34,9	SE	7,2	SE	21,6
19	NW	4,7	SW	16,9	SE	4,6	SE	21,6
20	SW	3,8	SW	14,4	SE	5,7	SE	15,1
21	NW	4,9	SE	19,8	SE	8,7	SE	24,1
22	NW	3,8	NW	16,2	SE	8,5	SE	22,3
23	NW	5,6	NW	26,6	SE	7,8	SE	20,9
24	NW	4,4	NW	17,3	SE	8,7	SE	18,7
25	NW	4,9	NW	18,7	SE	5,7	SE	18,4
26	NW	4,1	NW	16,2	SE	6,7	SE	15,1
27	NW	4,5	NW	27,0	SE	5,9	SE	27,0
28	V	4,6	NW	18,7	NE	2,9	NE	7,9
29	SW	4,4	SE	28,8	NE	2,1	SW	15,5
30	NW	4,0	NW	19,1	SE	6,8	SE	15,5
31	NW	5,5	NW	19,8	NW	5,8	NW	7,2
MES	NW	4,6	NW	34,9	SE	5,7	SE	27,0

ENERO

Fecha	DIURNO			NOCTURNO				
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Ráfaga máxima Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Ráfaga máxima Velocidad Km/hora
1	NW	3,5	SE	28,8	SW	1,3	-	-
2	NW	3,5	NW	15,1	V	1,8	-	-
3	NW	2,8	SE	28,1	SW	1,6	SW	12,2
4	NW	3,6	NW	20,9	SW	1,7	SW	20,5
5	V	2,7	NE	14,8	SE	1,1	SE	9,0
6	NW	3,2	SW	16,6	SE	1,8	SE	5,0
7	NE	2,2	NE	7,2	SE	1,5	NE	7,9
8	V	2,5	SE	17,3	SW	1,3	SW	7,9
9	NW	3,6	SW	18,0	SE	1,4	NW	10,4
10	NW	2,6	NW	14,4	SE	1,8	NW	5,0
11	NW	2,6	NW	12,2	SW	1,4	SW	12,2
12	NW	3,1	NE	13,7	V	1,4	NE	7,9
13	NW	2,9	NE	15,8	S	1,3	SW	7,2
14	NW	3,1	NW	14,8	SW	1,4	W	8,6
15	NW	3,3	NW	15,5	SW	1,8	S	8,3
16	NE	3,6	NE	25,6	SE	1,8	SW	11,2
17	NW	3,9	NW	19,4	SE	1,2	SE	8,6
18	NW	4,1	NW	18,4	SW	2,1	SW	11,5
19	SW	2,1	SE	11,5	SW	1,6	SW	9,0
20	NW	4,8	SE	31,7	SW	1,4	SE	8,6
21		2,1			V	1,9	SE	13,3
22		3,7	SE	32,4		1,4		
23	NW	2,4	NE	12,6	NW	0,9	NE	9,7
24	NW	2,8	NE	12,6	V	1,5	SW	8,3
25	SW	2,4	NE	12,2	S	1,6	SW	14,8
26	NW	3,2	NW	15,8	SW	1,5	NW	15,5
27	SE	2,6	NE	13,7	SW	2,1	SW	12,2
28	NW	3,7	NW	14,8	SE	1,6	NW	8,3
29	NW	3,5	NW	15,8	SW	1,8	SE	7,9
30	SE	2,2	NE	11,2	SE	1,6	NW	14,0
31	V	2,7	NE	21,6	SE	1,3	NW	8,6
			SE		SW	1,2	SW	7,9
MES	NW	3,1	SE	32,4	SW	1,5	SW	20,5

FEBRERO

Fecha	DIURNO			NOCTURNO				
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Ráfaga máxima Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Ráfaga máxima Velocidad Km/hora
1	NW	3,1	NW	16,2	SW	2,2	SW	15,1
2	SE	2,9	SW	18,0	SW	3,0	NW	21,6
3	NW	2,6	NW	11,5	V	1,7	NW	7,9
4	V	2,2	NW	12,6	SW	2,0	SE	10,4
5	NW	2,7	NW	14,4	SE	1,8	NW	19,1
6	NW	3,0	SW	34,2	SW	1,8	SE	13,0
7	NW	2,8	NW	12,6	SW	2,2	NW	14,0
8	NW	5,2	SE	25,9	SW	1,4	S	7,2
9	NW	3,3	NE	14,4	SE	1,7	NW	9,7
10	NW	2,5	NW	19,1	SW	2,6	SE	18,0
11	NE	2,2	SW	10,8	SW	1,5	SW	5,0
12	V	3,7	SE	21,6	V	2,1	NE	12,6
13	NW	2,2	SW	11,5	SW	1,3	SW	4,7
14	SW	1,4	NW	7,5	SE	1,1	SE	7,2
15	NW	2,5	NW	15,1	SW	1,6	SW	6,1
16	SE	3,2	NE	14,4	S	2,0	NW	17,6
17	NW	1,9	NW	11,9	NW	1,1	NW	5,4
18	NW	2,6	NW	14,4	SW	1,6	SW	9,4
19	V	2,9	NW	15,8	SE	1,7	SE	7,2
20	NW	3,3	SW	15,8	SE	1,7	NW	7,9
21	NW	3,3	NW	16,2	SW	1,8	NW	14,4
22	SW	3,2	NW	13,7	SW	2,1	NW	10,1
23	NW	3,6	NW	18,7	SW	1,8	SE	10,8
24	NW	3,8	NW	18,7	SE	2,2	NW	12,2
25	NW	3,0	NE	19,1	SE	2,4	SE	10,8
26	NW	3,7	NW	22,3	SE	1,9	NW	12,6
27	NW	3,1	NW	25,9	SE	1,9	NW	10,1
28	NW	3,5	NW	18,4	SW	2,2	SE	10,8
MES	NW	3,0	SW	34,2	SW	1,9	NW	21,6

MARZO

Fecha	DIURNO			NOCTURNO		
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección Velocidad Km/hora
1	V	2,2	NW 12,2	SW	1,9	W 5,4
2	NW	3,5	NW 19,4	SW	1,5	SW 7,2
3	NW	4,4	SE 31,7	SW	1,7	SE 7,2
4	NW	2,7	NE 12,6	SE	1,6	NW 13,3
5	NW	4,1	NW 17,6	V	2,8	NW 24,5
6	NW	3,2	NW 14,8	SW	2,4	SW 16,6
7	NW	4,1	NW 18,7	V	2,6	SE 10,8
8	NW	4,7	NW 19,8	SW	1,5	NW 13,0
9	V	2,6	NW 18,0	SE	1,3	NW 11,9
10	NW	4,0	NW 18,0	SW	1,6	SW 7,9
11	NW	3,5	SE 16,2	SW	1,9	SW 17,6
12	NW	4,8	SE 32,4	NE	2,1	SE 15,1
13	V	4,3	NW 18,7	SE	1,3	SE 7,2
14	NW	3,9	SE 29,5	SE	1,7	SW 7,9
15	V	2,4	E 12,6	SW	2,0	SW 13,7
16	NW	3,1	NW 21,6	SW	1,2	NW 5,0
17	NW	3,7	NW 29,5	SW	1,6	SW 7,2
18	V	2,8	NW 14,4	V	1,9	NW 10,1
19	NW	3,2	NW 13,0	SW	2,2	SW 9,0
20	NW	3,4	NW 17,3	V	2,0	SW 9,4
21	NW	3,2	NW 13,7	SW	1,8	SW 14,4
22	NW	3,9	SE 18,0	SE	1,6	SE 4,7
23	NW	3,1	NW 14,4	SW	1,5	SW 3,6
24	V	3,0	NE 15,1	SW	1,7	W 7,9
25	NW	4,4	NE 25,2	SW	2,2	SE 12,6
26	NW	4,3	SE 31,7	SW	1,6	SW 4,3
27	NW	3,1	NW 15,5	SW	1,6	W 10,8
28	NW	2,9	NW 17,3	SW	1,7	SW 10,8
29	NW	3,3	NW 17,3	SW	1,4	NW 13,3
30	NW	4,9	SE 53,6	NW	1,5	NW 10,4
31	NW	3,8	NW 18,0	SW	1,6	SW 11,5
MES	NW	3,6	SE 53,6	SW	1,8	NW 24,5

ABRIL

Fecha	DIURNO			NOCTURNO		
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección Velocidad Km/hora
1	V	4,2	NW 26,6	SE	1,8	SE 13,3
2	NW	3,1	NW 11,9	SE	1,2	SE 7,9
3	NW	1,7	NW 11,5	SW	0,7	
4	NW	3,0	NW 13,7	NW	1,7	NW 10,4
5	V	3,2	NE 16,6	SW	1,6	SW 7,6
6	NW	5,0	SE 49,3	SW	1,8	SE 14,4
7	NW	3,6	NW 19,4	SE	2,1	NW 13,7
8	NW	3,1	NW 15,5	SW	1,4	SE 12,6
9	SW	2,9	NW 17,3	SW	1,3	SW 11,5
10	NE	2,6	NW 13,7	SW	1,2	SW 7,2
11	NW	2,7	NW 15,5	SE	1,8	NW 8,6
12	NW	4,0	NW 17,6	SE	2,2	NW 13,7
13	NW	3,3	NW 14,0	SE	1,9	SE 9,0
14	NW	2,8	NW 12,2	SW	1,6	NW 9,4
15	NW	3,7	NW 16,6	SW	1,3	SW 10,8
16	NW	3,4	NE 14,4	SW	1,5	SW 14,4
17	NW	4,3	SW 25,6	SW	1,5	SW 7,2
18	V	2,7	NW 11,9	SW	1,8	NW 9,4
19	NW	3,5	NW 16,2	V	1,7	NW 7,2
20	NW	3,3	NW 14,8	SE	2,0	SE 15,1
21	NW	1,9	NW 13,3	SE	1,3	SW 7,6
22	NW	4,4	SE 22,0	SW	1,2	SW 3,6
23	NW	2,3	NW 10,8	V	1,4	S 5,4
24	V	2,7	NE 14,0	SW	1,6	NW 15,8
25	E	2,4	SE 14,4	NW	1,5	SW 17,3
26	NW	2,6	NW 11,5	SW	1,1	
27	SE	3,7	SE 14,8	SE	1,7	SE 12,6
28	SE	2,4	NE 10,8	SE	1,4	NE 12,2
29	SE	2,9	NE 18,7	SE	1,4	SE 28,1
30	NE	2,9	SE 13,7	NE	1,5	NW 8,6
MES	NW	3,1	SE 49,3	SW	1,5	SE 28,1

MAYO

Fecha	DIURNO			NOCTURNO						
	Dirección dominante	Velocidad Km/hora	Med	Ráfaga máxima Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Km/hora	Med	Ráfaga máxima Dirección	Velocidad Km/hora
1	NW	1,8		NW	10,4	NW	1,3		SE	7,2
2	NW	4,1		SW	39,2	NW	1,7		SW	18,0
3	NW	3,6		SW	14,0	V	2,3		SE	13,3
4	NW	4,8		SW	22,3	SE	1,3		NE	10,1
5	NE	3,4		NE	20,9	NE	1,2		NW	10,1
6	NW	2,8		NW	11,9	S	0,7		S	7,2
7	NW	2,6		NW	11,5	SW	1,4		SW	5,8
8	NE	2,8		NE	14,0	SW	1,7		NW	6,8
9	NW	4,6		NW	19,1	SW	1,5		SW	4,3
10	NW	3,5		NW	15,5	SW	1,8		NW	14,0
11	NW	4,5		NW	14,0	SW	1,9		SE	11,2
12	NW	3,5		NW	26,6	SE	2,2		NW	10,4
13	NW	4,0		NW	16,9	SW	1,3		SE	10,4
14	SW	2,5		NW	10,8	SW	1,2		W	11,5
15	NW	4,1		NE	27,0	SE	1,4		SE	10,4
16	SE	2,6		SW	27,4	SE	1,9		SW	11,2
17	NW	3,4		NW	14,4	S	1,4		S	3,6
18	NW	4,5		NW	15,1	SW	1,4		NW	6,5
19	NW	4,6		NW	14,8	SE	1,7		NE	18,0
20	NW	5,1		SE	33,8	V	1,5		SE	6,8
21	NE	2,6		S	15,1	SE	1,4		SE	7,6
22	SE	2,8		SW	25,6	SW	0,7		SW	9,0
23	NW	4,1		NE	19,1	SW	0,5			
24	NW	3,2		NE	15,8	S	0,8		S	4,3
25	NW	3,9		NW	15,1	SW	1,7		SE	7,9
26	NW	4,4		NW	24,5	SE	1,0		SE	7,2
27	NW	4,8		NW	15,5	S	1,8		SE	7,6
28	NW	4,5		NW	14,0	SE	1,6		SW	7,9
29	NW	4,2		NW	15,8	SE	1,8		NW	13,0
30	NW	4,3		NW	18,4	SW	1,7		SW	7,6
31	NW	3,7		NW	18,0	SE	1,8		SW	10,8
IES	NW	3,7		SW	39,2	SW	1,5		SW	18,0

JUNIO

Fecha	DIURNO			NOCTURNO						
	Dirección dominante	Velocidad Km/hora	Med	Ráfaga máxima Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Km/hora	Med	Ráfaga máxima Dirección	Velocidad Km/hora
1	NW	2,8		NW	14,0	SW	1,6		NE	7,2
2	NW	3,5		NW	17,3	SW	1,3			
3	NW	2,6		NW	13,0	SW	1,3		NW	10,8
4	SW	3,7		S	12,2	SW	1,0		SW	11,5
5	SW	2,5		NW	14,4	SW	0,7			
6	NW	4,5		SE	29,2	SE	1,4		SW	7,2
7	NE	3,2		SE	18,0	SW	1,2			
8	NW	2,6		NW	12,6	SW	1,2		SW	3,6
9	NW	3,5		NW	15,8	SW	1,7		SE	9,4
10	NW	2,6		NW	14,8	SE	2,0		SW	7,2
11	NW	3,7		NW	13,3	SW	1,1			
12	NW	3,3		NW	14,8	SW	1,8		NE	7,2
13	NW	4,1		NW	18,4	SE	1,2		SE	7,2
14	SE	2,9		NW	17,3	S	1,3		S	3,6
15	V	2,0		SE	8,3	SW	1,4		NW	10,4
16	NW	3,3		NW	17,6	SW	1,6		SW	8,3
17	NW	3,4		NW	12,2	NW	1,7		SW	9,4
18	NE	3,9		NW	16,9	V	1,8		NE	11,5
19	NW	3,4		NE	22,3	NW	1,6		SW	12,6
20	NE	3,3		NE	13,3	SW	1,3		NW	6,8
21	NE	3,4		NE	16,2	SW	1,3		SE	6,8
22	NW	3,3		NE	14,0	SW	1,7		NW	8,3
23	NW	3,2		NW	14,8	W	1,2		NE	7,9
24	NE	2,5		SE	9,7	NW	1,5		NE	9,7
25	NW	2,6		NW	11,9	SW	1,9		W	7,2
26	NE	2,9		NE	13,7	SW	2,4		SW	14,4
27	NE	4,7		NE	19,8	SW	2,1		SW	10,8
28	NE	5,1		NE	18,0	SW	2,3		SW	10,1
29	NW	3,4		NE	14,0	SW	1,5		NW	7,2
30	NE	3,6		NW	13,7	NW	1,8		NE	8,6
IES	NW	3,3		SE	29,2	SW	1,5		SW	14,4

JULIO

Fecha	DIURNO			NOCTURNO				
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima		Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima	
			Dirección	Velocidad Km/hora			Dirección	Velocidad Km/hora
1	NE	4,2	NW	25,2	SW	1,5	SW	8,6
2	NE	3,8	SE	16,9	SW	1,9	SW	10,4
3	NE	3,3	NE	14,4	SW	1,1	SW	5,0
4	SE	4,2	SW	24,5	SW	1,4	SE	9,4
5	NE	3,7	NE	15,8	SW	2,0	SW	10,4
6	NE	4,6	NE	18,0	SW	1,5	NW	8,3
7	NE	4,6	SE	28,8	SW	1,3	N	7,6
8	NW	3,0	NE	17,3	NW	1,9	SE	9,7
9	NE	2,6	NW	18,7	NW	1,2	NW	6,8
10	NE	2,5	NE	13,7	SW	1,9	NW	13,7
11	NW	2,8	NW	12,6	SW	1,6	NE	12,6
12	NE	4,2	NE	20,5	SW	1,8	NW	7,9
13	NW	3,3	NW	13,7	NW	1,9	NE	10,8
14	NE	3,4	NE	19,1	NW	1,1	NW	8,3
15	V	3,0	NE	15,8	NW	1,5	NW	6,5
16	NE	3,2	NE	18,4	NW	1,2	NW	14,8
17	SW	2,8	NW	16,6	SW	0,7	SW	6,8
18	SE	2,8	SE	10,8	SW	1,2	SE	7,9
19	NE	4,0	NW	17,3	W	1,4	SW	8,3
20	NE	3,6	NE	17,6	NW	1,9	NW	8,6
21	NW	2,6	NE	13,3	SW	1,5	SE	10,4
22	NW	3,4	NW	23,0	NW	1,1	NW	7,6
23	NE	2,9	SW	17,3	NW	1,4	NW	9,0
24	NW	3,0	NW	18,7	SE	1,0	SW	7,9
25	NE	3,1	NW	15,8	SW	1,7	NW	11,2
26	SW	1,8	SE	9,7	SW	0,9	NE	6,5
27	NE	2,8	SE	19,8	NW	1,1	NE	4,3
28	V	2,7	NE	12,6	NW	1,0	NW	7,6
29	NE	3,8	NW	32,4	SW	0,8	SW	7,6
30	NW	3,3	NW	20,5	SW	1,4	NW	10,1
31	SW	2,2	SW	13,3	SW	1,0	NW	10,1
MES	NE	3,3	NW	32,4	SW	1,4	NW	14,8

AGOSTO

Fecha	DIURNO			NOCTURNO				
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima		Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima	
			Dirección	Velocidad Km/hora			Dirección	Velocidad Km/hora
1	SW	3,1	SW	16,9	NW	1,0	SE	12,6
2	NE	2,6	NE	12,2	SW	1,3	SW	17,6
3	V	2,3	SE	12,6	NW	1,7	SW	7,6
4	NW	3,8	SW	31,3	SW	1,4	SE	7,2
5	NE	3,9	NE	20,5	SW	1,9	NW	10,8
6	SE	2,0	SW	10,4	NW	1,6	SW	6,5
7	NW	3,7	NE	15,8	NW	1,7	NE	10,4
8	V	2,8	NW	14,4	NW	1,0	NW	6,8
9	NW	4,6	NE	16,2	NW	1,3	NW	12,6
10	NW	2,7	NE	14,0	SW	1,6	NW	11,5
11	NW	3,9	SE	23,8	W	1,6	SW	10,1
12	V	2,9	SW	21,6	SE	1,2	NE	7,6
13	NE	2,6	SE	11,2	SW	1,9	NE	10,1
14	NE	4,0	NE	16,2	SW	3,0	SW	18,7
15	NW	3,2	NE	15,8	SW	1,9	SW	10,8
16	NE	3,6	NW	18,7	SW	1,4	SW	7,2
17	NE	1,5	NE	8,6	SW	1,7	NW	10,1
18	NW	3,2	NW	18,0	SW	1,5	SW	6,5
19	NW	4,0	NE	14,4	NW	1,6	SW	8,6
20	NE	3,5	SW	16,9	SW	1,6	SW	11,2
21	NW	4,3	SW	24,5	NW	1,6	N	12,2
22	V	2,6	SW	21,6	SW	2,4	SW	17,6
23	NE	4,4	NE	17,3	NW	2,0	NE	11,5
24	V	3,8	SW	25,9	V	2,4	SW	9,7
25	SW	6,9	NW	34,9	SW	2,3	SE	10,8
26	SE	3,8	SW	16,2	NE	1,5	NE	7,2
27	SE	2,7	SW	15,1	NE	1,5	NW	12,2
28	SW	2,6	SW	13,3	NE	1,4	NW	7,2
29	V	4,2	SE	27,7	NW	1,6	SE	12,2
30	SW	3,4	SW	16,2	SE	1,3	SE	7,6
31	NW	3,1	SE	12,2	V	1,4	SE	12,2
MES	NW	3,4	NW	34,9	SW	1,7	SW	18,7

SEPTIEMBRE

Fecha	DIURNO				NOCTURNO			
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima		Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima	
			Dirección	Velocidad Km/hora			Dirección	Velocidad Km/hora
1	SW	3,7	SW	24,5	NE	1,1	NE	6,8
2	SW	3,1	SW	12,6	V	1,4	S	10,4
3	SW	3,7	SE	24,1	NE	1,0	NE	5,0
4	NE	2,7	SW	14,8	NW	1,6	SE	8,6
5	NW	1,3	N	7,6	NW	0,9		
6	SW	4,8	NE	27,4	V	2,6	N	14,4
7	SE	3,4	SW	18,0	NW	1,7	SE	8,3
8	SW	3,7	SE	24,5	NE	1,4	NE	4,3
9	SW	2,7	SW	13,0	V	2,0	SE	11,5
10	SW	2,9	NW	12,6	NE	1,4	SE	7,9
11	SW	3,5	SW	16,2	SW	1,8	SE	7,2
12	SW	4,3	SW	15,1	NE	1,7	NW	7,9
13	SW	4,0	SW	15,8	V	2,2	SE	12,2
14	SW	4,0	SE	18,0	NE	1,5	NW	12,6
15	SW	4,3	SW	15,5	NE	1,3	NW	3,6
16	SW	4,2	SE	18,4	NE	1,8	S	12,2
17	SW	4,0	SW	18,7	V	1,9	SE	10,8
18	SW	4,5	SW	16,6	NE	1,7	NW	7,9
19	SW	4,7	SE	16,9	NE	1,9	NW	7,9
20	SE	3,6	SW	17,3	NE	0,5	NW	3,6
21	V	3,0	NW	18,4	SW	1,1	SE	3,6
22	SW	4,0	NE	18,7	NE	1,6	NW	12,9
23	SW	2,3	SW	8,3	NE	1,2	SE	6,1
24	SW	3,5	SE	18,0	SW	1,2	NW	5,8
25	NW	2,2	S	10,8	NE	1,0		
26	SW	2,8	SW	11,5	NE	1,4	SE	7,2
27	SW	3,4	SW	15,8	NE	1,4	NE	7,2
28	SW	4,4	SW	45,0	NE	2,1	SW	12,2
29	SE	3,6	SE	15,5	NE	2,5	NE	10,8
30	NE	3,9	SE	14,4	NE	1,2	NE	7,2
MES	SW	3,5	SW	45,0	NE	1,5	N	14,4

OCTUBRE

Fecha	DIURNO				NOCTURNO			
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima		Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima	
			Dirección	Velocidad Km/hora			Dirección	Velocidad Km/hora
1	SW	4,0	SE	15,8	SE	0,9	SE	3,6
2	SW	4,3	NE	28,8	NE	1,2	NE	3,6
3	V	4,3	NW	28,4	NE	1,1	NE	6,1
4	SW	3,7	SW	16,2	NE	1,8	NE	11,5
5	SW	3,2	SE	16,9	SE	1,1	SW	12,2
6	SW	2,2	SE	10,1	NW	1,2	NW	11,5
7	SW	2,8	NE	15,1	NE	1,1	NE	4,3
8	SW	3,6	NW	24,5	V	1,2	SE	6,8
9	V	3,3	S	12,2	NW	1,0	N	4,3
10	NE	3,0	SE	13,3	NW	1,3	NE	6,8
11	SW	2,4	NW	12,2	NE	1,0		
12	V	3,7	SE	25,2	NE	1,1	SW	7,9
13	SW	4,2	NW	19,8	NW	2,8	NE	24,5
14	SW	3,9	NE	27,0	SE	1,8	NW	8,3
15	SW	3,1	SW	14,0	NW	1,8	NW	14,4
16	V	3,0	SW	21,6	NE	1,8	NE	14,8
17	NE	3,4	NE	16,6	NE	1,0	NE	10,4
18	SW	2,4	S	13,7	NW	1,0	NW	7,2
19	SW	3,9	NE	19,4	SE	1,3	SE	7,2
20	SW	2,4	SE	11,2	NW	1,3	SE	7,2
21	SW	2,6	SW	11,5	NE	1,2	NE	4,3
22	V	2,4	NW	14,0	E	1,3	SE	9,4
23	SW	4,9	NW	37,4	NE	1,3	NW	10,4
24	NW	4,0	SE	23,4	NW	0,8	NW	7,9
25	SW	3,4	NE	13,7	SE	1,6	SW	10,1
26	V	2,2	NW	11,2	SE	1,2	NW	8,6
27	V	3,3	SE	14,0	NE	2,0	NE	15,1
28	NE	1,4			SE	0,9	SE	6,8
29	SW	3,3	NW	16,2	V	1,5	NE	15,1
30	SW	3,2	SE	16,9	SE	1,1	SW	7,2
31	SW	3,8	NE	21,6	NE	2,1	NE	14,4
MES	SW	3,3	NW	37,4	NE	1,4	NE	24,5

NOVIEMBRE

Fecha	DIURNO			NOCTURNO			Ráfaga máxima	
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Dirección	Velocidad Km/hora
1	SW	2,9	NW	17,6	SE	1,5	SW	7,2
2	SW	3,8	SW	18,7	NE	2,5	NE	14,4
3	SW	4,1	NW	28,1	NE	1,2	NW	10,8
4	SE	2,7	SE	12,6	NE	1,2	NE	4,7
5	SE	3,2	SW	16,6	NE	1,3	NE	3,6
6	SW	2,2	SW	9,7	NE	1,4	NE	7,2
7	SW	3,5	SE	28,8	V	1,4	NW	7,2
8	SE	3,8	SW	16,2	NE	1,4	NE	7,6
9	V	3,2	SW	15,5	V	1,8	NW	7,2
10	SW	3,8	SE	15,1	NE	1,9	SE	7,6
11	SE	3,4	NW	15,5	NE	1,7	NE	10,4
12	SE	4,2	SE	23,4	NE	1,3	NW	8,6
13	SE	3,4	NW	22,7	NE	1,1	NW	8,6
14	SW	3,6	NW	19,4	NW	2,1	NE	19,8
15	SW	3,0	SW	14,8	NE	0,9	SW	8,3
16	V	3,6	NW	28,8	NE	1,5	SE	10,8
17	SW	3,6	SE	15,8	NE	1,4	SW	10,1
18	SW	5,2	NE	38,5	NE	1,5	NE	21,2
19	V	3,6	NE	31,3	S	0,9	S	10,8
20	SE	4,7	NE	28,4	V	1,5	SE	18,0
21	SW	4,2	SW	18,0	NE	0,9	NE	6,1
22	SW	4,0	SW	15,1	V	1,2	SE	13,3
23	SE	3,7	SW	15,8	NE	1,7	NE	8,3
24	SE	4,3	NE	21,6	NE	2,8	NE	27,4
25	SW	2,0	S	7,9	NW	1,2	NW	7,6
26	SW	4,8	SE	19,4	NW	2,3	NE	23,0
27	SW	3,2	W	19,8	NE	1,1	NE	3,6
28	SW	3,7	SW	15,5	NW	1,2	SE	6,1
29	SE	3,7	SE	17,6	SE	1,7	SW	9,7
30	NE	3,6	SE	26,6	NE	0,8	N	7,6
MES	SW	3,6	NE	38,5	NE	1,5	NE	27,4

DICIEMBRE

Fecha	DIURNO			NOCTURNO			Ráfaga máxima	
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Dirección	Velocidad Km/hora
1	SW	3,0	SW	14,8	NE	1,8	NE	15,8
2	SE	2,9	SE	20,9	SW	0,8	SE	14,8
3	NE	2,2	SE	10,8	SE	1,3	SE	6,5
4	SW	4,6	NW	28,8	SW	1,9	NE	11,5
5	SW	3,8	SE	25,9	NW	1,5	NE	18,0
6	SE	4,6	SE	18,7	NW	1,4	NW	8,6
7	V	2,2	S	12,6	NW	1,1	NW	3,6
8	V	2,7	NW	17,6	NW	1,4	NW	4,3
9	SE	3,2	SE	17,3	NE	1,6	NE	4,3
10	SW	2,8	SW	10,8	N	1,3	N	6,5
11	NW	3,0	NW	15,1	NE	1,3	NW	8,6
12	V	3,2	SE	14,8	NE	1,3	NE	8,6
13	SE	2,2	S	10,4	NE	1,7	SW	7,2
14	SE	4,0	SE	16,6	NE	1,4	SW	7,6
15	SE	3,8	SE	18,4	SE	1,5	SE	7,2
16	SE	3,3	SE	15,8	NE	1,5	NE	6,8
17	SE		SW	14,4	NE		NW	6,8
18	SE		SE	15,8	NE		NW	7,2
19	SE		SE	18,4	NE		NE	7,9
20	NE		SW	11,5	NE		NE	10,1
21	SE		SE	13,7	NE		N	7,6
22	NE		NE	18,7	NE		NE	7,2
23	SE		SE	18,0	V		NE	8,3
24	SE		SE	16,6	NE		SE	7,9
25	SE		SW	16,2	NE		NE	8,3
26	SE		SE	14,8	NE		SE	5,4
27	SE		SE	18,0	NE		NE	7,9
28	SE		SE	15,1	SE		SE	11,2
29	SE		SE	19,1	SW		NW	8,6
30	SE		SE	15,5	NE		SW	10,4
31	SE		SE	17,3	NE		NE	10,4
MES	SE		NW	28,8	NE		NE	18,0

ENERO

DIURNO

NOCTURNO

Fecha	DIURNO			Ráfaga máxima						
	Dirección dominante	Velocidad Km/hora	Med	Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Km/hora	Med	Dirección	Velocidad Km/hora
1		2,5		SE	16,2	NE	5,2		NE	12,6
2	SW	1,8		SE	12,6	NE	4,3		NE	11,9
3	NW	6,4		NE	32,4	NE	3,7		NE	14,4
4	SW	2,6		NE	31,0	NE	2,9			
5	SW	3,7		SW	12,6	NE	6,1		NE	11,9
6	SW	3,1		W	10,8	C	0,7			
7	C	0,6		SE	7,2	C	0,3		NE	3,6
8	SW	1,2		SW	7,2	NE	2,9			
9	SW	3,5		SW	10,8	C	0,3			
10	V	1,8		NW	14,4	NE	2,5		NE	10,8
11	SW	2,2		SW	12,6	V	2,0		NE	7,6
12	SW	2,9		SW	15,1	NE	4,5		NE	7,2
13										
14	SW	4,4		SW	14,4	NE	3,6		NE	4,3
15	NW	2,1		SE	16,2	NE	3,4		NE	3,6
16	NW	3,9		NW	20,9	NE	5,1		NE	7,2
17	SW	4,0		SW	22,7	NE	2,6		SE	18,7
18	SW	3,0		SW	19,8	C	0,4		NE	5,4
19	NW	1,9		NE	16,2	NE	1,0		NE	4,3
20	SW	2,1		NE	18,7	NE	3,0		NE	16,2
21	SW	1,2		SW	12,6	NE	2,3		NE	3,6
22	SW	2,4		NE	15,5	C	0,4			
23	NE	2,8				SE	1,4			
24	SW	1,9		SW	17,3	NE	5,3		NE	7,2
25	SW	1,9		SW	10,8	NE	4,4		NE	4,3
26	SW	2,9		SW	12,6	NE	5,0		NE	7,2
27	SW	2,1		SW	11,9	NE	3,7		NE	12,6
28	NW	3,1		NW	12,6	NE	5,1			
29	NW	2,8		SW	9,0	NE	3,2			
30	SW	2,8		SW	10,8	C	1,0			
31	V	1,4		NE	12,6	C	0,2			
MES	SW	2,6		NE	32,4	NE	2,9		SE	18,7

FEBRERO

DIURNO

NOCTURNO

Fecha	DIURNO			Ráfaga máxima						
	Dirección dominante	Velocidad Km/hora	Med	Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Km/hora	Med	Dirección	Velocidad Km/hora
1	SW	2,7		SE	20,9	V	4,0		SE	19,8
2	NW	3,4		NW	14,4	NE	3,5		SE	15,5
3	V	1,2		SW	10,8	NE	7,0		NE	12,6
4	NW	4,3		NE	27,0	NE	2,3		SW	9,0
5	SW	3,0		NE	16,2	NE	1,7		SE	24,5
6	SW	3,1		NE	14,4	NE	3,0		SE	15,5
7						NE	1,8			
8	SW	2,1		NW	14,4	NE	5,1		NE	20,2
9	SW	1,5		SW	12,6	NE	3,5		NE	4,3
10	V	1,7		NE	13,3	NE	2,6		SE	17,3
11	SW	3,0		NE	12,6	NE	4,0		NE	9,0
12	SE	5,0		SE	26,3	NE	2,0		NE	10,8
13	SW	1,2		SW	10,8	NE	1,6		NE	7,2
14	SW	2,9		SW	13,7	NE	2,3		NE	3,6
15	SW	1,5		SW	14,4	NE	1,6		NE	5,4
16	NW	2,0		NW	18,7	NE	0,9		SE	7,2
17	NW	1,5		SW	20,9	C	0,2			
18	SW	1,0		SW	13,0	NE	1,1			
19	SW	1,4		NW	29,9	NE	1,7			
20	SW	3,1		SW	13,7	NE	0,8			
21	SW	2,7		NW	19,8	NE	3,2		NE	10,8
22						NE	2,8			
23	SW	1,4		SW	12,6	NE	1,8		SE	16,2
24	SW	3,5		SE	16,9	SE	4,0		SE	20,2
25	SE	6,6		SE	28,1	NE	7,1		SE	27,4
26	SW	3,2		NW	24,5	NE	1,6		SE	9,0
27	SW	4,6		SW	22,7	NE	5,5		SE	9,4
28	SE	9,2		SE	29,9	NE	5,1		SW	17,3
MES	SW	3,0		NW	29,9	NE	2,9		SE	27,4

MARZO

Fecha	DIURNO			NOCTURNO				
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Velocidad Km/hora
1	NE	4,8	NE	22,0	NE	2,8	NE	7,2
2	SW	3,6	NW	17,6	NE	6,9	NE	5,0
3	SW	5,1	SW	16,9	NE	4,8	SW	14,0
4	SW	5,3	NW	14,4	NE	4,8	NW	16,2
5	SW	6,3	SW	14,4	NE	5,9	NE	27,7
6	SW	4,0	SW	13,7	NE	2,3	SE	22,3
7	SW	5,1	SW	15,1	NE	5,2	NE	13,7
8	SW	5,3	SW	17,3	SE	2,8	NE	10,1
9	SE	3,9	NW	14,4	C	0,4		
10	SW	5,2	SW	15,1	NE	3,7	SW	13,7
11	SW	2,3	SW	11,5	NE	2,2	NE	13,7
12	SW	3,1	SE	27,0	C	2,1	NE	19,8
13	SW	4,3	NE	19,8	NE	3,2	NE	8,3
14	SW	4,1	NE	17,3	NE	3,3	NE	12,6
15								
16	SW	3,1	NE	24,5	NE	4,1	NE	5,4
17	SW	3,5	NW	13,7	NE	3,9	NE	9,0
18	SW	2,8	SW	11,5	NE	4,3	NE	9,0
19	SW	2,5	SW	15,5	NE	5,4	NE	9,4
20	SW	3,8	SW	16,6	NE	2,7	NW	8,0
21	SW	2,1	SW	14,4	NE	1,2		
22	SW	2,9	SW	13,7	NE	2,2	NE	5,4
23	SW	2,0	SW	11,5	NE	2,0	NE	3,6
24	V	2,9	NE	18,7	NE	3,2	NE	7,9
25	SW	3,3	NW	21,6	NE	2,9	NE	28,1
26	SW	1,9	SE	14,4	NE	1,8	NE	7,2
27	SW	2,8	SW	10,8	SE	3,0	NE	9,0
28	SW	2,6	NW	13,0	NE	1,5	NE	6,5
29	SW	1,1	SW	10,8	C	0,1		
30	SW	3,9	SW	24,5	NE	1,8	NE	15,8
31	SW	2,8	SW	17,3	NE	1,1	NE	3,6
MES	SW	3,6	SE	27,0	NE	3,0	NE	27,7

ABRIL

Fecha	DIURNO			NOCTURNO				
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Velocidad Km/hora
1	V	3,0	NE	24,5	SE	2,1	SE	7,9
2	SE	2,5	NE	12,6	NE	2,2	NE	3,6
3	V	1,8			NE	1,8		
4	SW	1,5	SW	6,5	NE	4,2	SW	10,1
5	NW	4,3	NW	9,0	NE	5,0	NE	11,5
6	NW	5,9	NE	28,8	NE	4,8	NE	7,2
7	NW	4,2	NW	13,7	SE	2,7		
8	SW	4,0	NW	15,1	NE	1,2	E	7,2
9	SW	2,5	SW	9,0	NE	2,1		
10	NE	1,4	NE	7,9	NE	4,1	NE	3,6
11	SW	2,3	NE	13,7	NE	2,8	NE	3,6
12	NW	5,0	SW	14,4	NE	3,3	NE	3,6
13	NE	3,5	NE	16,9	NE	5,5	NE	3,6
14	SW	5,0	SW	11,5	NE	6,0		
15	SW	4,1	SW	11,5	NE	1,8	NE	3,6
16	SW	3,6	NE	9,0	NE	5,6		
17	V	5,8	SE	4,4	NE	2,2	NE	3,6
18	NW	2,9	NW	9,0	NE	2,4	NE	13,7
19	SW	3,8	SW	9,0	NE	1,3	NE	3,6
20	SW	1,4	SW	7,6	V	1,4		
21	SW	0,7	SW	7,9	NE	1,4		
22	NW	2,3	SE	11,5	C	0,8	SW	9,0
23	SW	1,2	SW	10,1	NE	0,8	NE	3,6
24	SW	1,1	SW	9,0	V	1,6	NE	7,2
25	SW	0,8	NE	7,2	C	0,6	SE	5,4
26	SW	3,5	NW	25,9	NE	1,4		
27	SW	3,0	NE	14,4	C	0,9	NE	10,1
28	NW	0,6	NW	9,0	NE	4,3	NE	19,8
29	SE	1,9	NE	10,1	C	1,2	NW	18,7
30	SW	0,6	SW	3,6	C	2,3	NE	8,6
MES	SW	2,8	NE	28,8	NE	2,6	NE	19,8

MAYO

Fecha	DIURNO			NOCTURNO				
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima		Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima	
			Dirección	Velocidad Km/hora			Dirección	Velocidad Km/hora
1	C	0,2				C	0,05	
2	SW	1,4						
3	SW	1,9	SW	8,3		NE	3,6	SE 28,1
4	NW	4,9	NE	15,8		NE	2,3	SE 15,5
5	V	0,8	SE	17,3		NE	2,2	NE 11,5
6	NE	1,9	SW	15,5		C	0,08	NE 5,4
7	SW	1,0	NW	16,2		C	0,1	
8	SW	2,7	SW	7,2		NE	3,5	NE 7,2
9	SW	1,8	NW	25,9		NE	0,5	SW 7,2
10	SW	0,7	NE	18,0		C	0,2	NE 3,6
11	SW	3,3	NW	7,2		NE	3,4	
12	SW	4,7	SW	13,0		SE	0,7	SE 3,6
13	SW	4,6	NW	12,6		NE	2,6	SW 9,0
14	SW	4,6	NE	24,5		C	1,2	SW 3,6
15	V	3,9	NE	31,3		C	1,3	
16	SE	2,8	NE	21,6		NE	3,9	SE 13,7
17	SW	4,6		0,0		SE	5,1	SW 10,8
18	V	5,0	SW	7,2		NE	4,2	NE 3,6
19	SW	5,1	NW	13,7		NE	4,1	NE 3,6
20	SW	4,1	NE	33,1		NE	3,7	NE 9,2
21	SW	2,3	NE	28,1		SE	2,3	SE 5,4
22	SW	3,5	SW	7,2		C	1,4	SE 12,6
23	SW	4,4	SW	17,3		SE	1,8	SE 7,2
24	SW	3,5	SE	21,6		C	1,2	NW 3,6
25	SW	4,7	SW	10,8		NE	3,8	NE 9,0
26	SW	4,8	SW	15,1		NE	3,6	NE 9,0
27	SW	3,9	NE	16,2		NE	5,9	NE 12,6
28	V	4,9	SW	12,6		NE	3,0	NE 3,6
29	NW	5,2	SW	11,5		NE	5,6	NE 3,6
30	NW	3,8	NW	11,5		NE	3,0	NE 7,2
31	SW	4,7	NW	11,5		NE	5,4	NE 3,6
			SW	12,6		NE	2,5	NE 3,6
MES	SW	3,4	NE	33,1	NE	2,7	SE	28,1

JUNIO

Fecha	DIURNO			NOCTURNO				
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima		Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima	
			Dirección	Velocidad Km/hora			Dirección	Velocidad Km/hora
1	SW	3,4				C	0,2	0,0
2	SW	2,9	NW	13,7		C	0,8	0,0
3	SW	2,6				NE	4,1	NE 1,8
4	SW	1,3	SW	9,0		NE	1,6	0,0
5	SW	1,7	NW	12,6		C	0,3	0,0
6	SW	3,7	NE	14,4		NE	3,9	NE 3,6
7	SW	3,9	NW	13,7		NE	2,2	NE 0,0
8	SW	2,9	NE	16,6		NE	4,9	NE 0,0
9	SW	5,2	NE	20,9		NE	2,6	SW 0,7
10	SW	2,9	SE	15,1		NE	0,7	NE 1,8
11	V	4,9	SW	15,5		NE	4,7	NE 0,0
12	SW	1,3	E	20,9		NE	1,7	NE 0,0
13	NW	2,3	SW	3,6		C	0,4	0,0
14	SW	2,8	NW	9,0		C	0,08	0,0
15	NE	1,3	NW	18,7		NE	3,7	NE 1,1
16	SW	2,2	SW	7,2		NE	2,5	NE 0,0
17	NW	2,2	SW	13,0		NE	1,8	NE 0,0
18	SW	3,2	SW	11,9		NE	4,0	NE 9,0
19	NW	3,5	NE	21,6		NE	1,7	SW 14,8
20	SW	1,9	SW	7,2		NE	1,6	0,0
21	NW	2,4	NW	10,1		NE	3,4	0,0
22	V	3,1	NW	12,6		V	1,1	0,0
23	SW	2,5	SW	10,1		C	0,1	SW 5,4
24	NW	1,0	NW	9,0		NE	1,5	0,0
25	SW	2,6	SW	11,9		NE	1,3	0,0
26	SW	1,4	SW	11,5		SE	2,7	NW 9,0
27	SW	5,6	SE	28,1		SE	5,2	SE 25,9
28	NW	7,2	SE	32,4		NE	4,4	SE 29,9
29	SW	2,0	NW	12,6		SE	1,7	NE 5,4
30	SW	3,3	SW	17,3		NE	2,2	NE 12,6
MES	SW	2,9	SE	32,4	NE	2,2	SE	29,9

JULIO

DIURNO

NOCTURNO

Fecha	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima			Velocidad Med Km/hora	Ráfaga máxima	
			Dirección	Velocidad Km/hora	Dirección dominante		Dirección	Velocidad Km/hora
1	NW	3,4	NW	21,6	NE	3,2		0,0
2	SW	3,1	SW	16,2	NE	3,6		0,0
3	V	3,3	NW	16,6	C	0,1		0,0
4	V	2,8	NE	24,5	NE	3,4	SE	14,4
5	SW	1,3	NW	11,9	NE	2,3	NE	5,4
6	SW	2,5	SW	11,9	SE	1,7		0,0
7	SW	4,6	SW	55,1	NE	4,8	E	5,4
8	SW	2,1	NW	12,6	SE	0,9	NE	3,6
9	SW	2,1	NW	18,7	NE	1,2		0,0
10	SW	2,8	SW	11,5	NE	2,7	SW	3,6
11	NW	1,8	NW	12,6	NE	1,6	NE	7,2
12	NW	2,8	NE	44,3	NE	2,8		0,0
13	NW	1,7	NW	11,5	SE	1,3	SE	1,8
14	SW	2,2	SW	10,8	C	0,9	NW	9,0
15	NW	2,2	NW	13,7	NE	4,0	SW	7,2
16	NW	2,7	NW	15,1	NE	1,2	NE	7,2
17	SW	3,8	SW	16,2	C	0,7	NE	9,0
18	NW	1,0	NW	5,4	NE	3,4	NE	7,2
19	SW	2,1	NW	10,1	NE	3,5	NE	12,6
20	NW	4,1	NW	13,7	NE	3,0	NE	9,0
21	SW	2,1	SW	12,6	NE	0,6	SW	3,6
22	NW	4,2	NE	38,9	NE	1,2		0,0
23	V	2,1	NW	10,8	V	1,1	SE	9,0
24	SW	1,9	NW	18,0	C	0,6	NW	8,3
25	SW	2,3	SW	12,6	NE	3,2	SE	13,7
26	NW	2,5	SW	10,8	NE	2,0		0,0
27	SW	2,5	NE	13,7	C	2,0		0,0
28	SW	2,2	NW	7,2	C	1,4		0,0
29	SW	1,4	SW	9,0	C	2,2	SE	13,7
30	SW	2,9	SW	8,3	C	0,6	SE	11,5
31	SW	0,5	SW	6,5	SE	0,6	NE	5,4
MES	SW	2,5	SW	55,1	NE	2,0	SE	14,4

AGOSTO

DIURNO

NOCTURNO

Fecha	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima			Velocidad Med Km/hora	Ráfaga máxima	
			Dirección	Velocidad Km/hora	Dirección dominante		Dirección	Velocidad Km/hora
1	C	1,0	NE	10,1	V	1,2	SW	10,1
2	SW	1,6	SW	10,1	C	1,5	SE	10,4
3	NW	0,7	SW	5,4	NE	2,1		0,0
4	V	4,0	NE	21,6	C	1,1		0,0
5	SW	1,8	SW	10,1	V	0,6		0,0
6	SW	1,6	SW	12,6	NE	1,1		0,0
7	SW	1,6	SW	11,5	C	0,5		0,0
8	NW	2,0	NE	12,6	C	0,2	NE	3,6
9	NW	3,1	NE	19,1	NE	1,5	NE	1,1
10	NW	1,4	NW	11,5	NE	2,1	NE	11,5
11	NW	2,5	NW	12,6	NE	1,8		
12	SW	2,2	SW	14,4	NE	1,6	SW	11,9
13	SW	1,8	NW	10,1	NE	3,2	NE	5,4
14	SE	7,5	SE	30,0	SE	6,3	SE	35,3
15	NW	3,1	NW	16,9	NE	2,9	NE	11,5
16	NW	2,4	NW	12,6	NE	4,5	NE	1,1
17	SW	0,7	NE	14,4	NE	3,2	NE	7,2
18	SE	6,3	SE	35,3	NE	1,6	NE	1,1
19	NW	3,8	NW	15,5	C	0,9		0,0
20	V	3,3	SW	14,0	NE	1,3	SE	18,7
21	SE	5,9	SE	28,1	C	0,4		0,0
22	SW	2,2	NE	10,8	SE	5,5	SE	26,3
23	NW	5,4	SE	29,9	NE	2,6	SE	27,7
24	SW	6,2	SE	28,4	SE	5,8	SE	27,4
25	SE	8,7	SE	31,3	V	3,5	SE	20,5
26		2,5	SE	18,0	C	0,3		
27		2,7	NE	18,0	C	0,4		0,0
28	SW	2,5	NE	33,5	NE	3,3	NE	7,2
29	SW	4,2			NE	1,7		0,0
30	C	0,6		7,9	C	1,0		0,0
31		1,5		9,0	C	0,2		0,0
MES	SW	3,1	SE	35,3	NE	2,1	SE	35,3

SEPTIEMBRE

Fecha	DIURNO			NOCTURNO						
	Dirección dominante	Velocidad Km/hora	Med	Ráfaga máxima			Ráfaga máxima			
				Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Km/hora	Med	Dirección	Velocidad Km/hora
1	SW	3,9		NE	22,3	NE	1,7		SE	5,4
2	SW	2,2		NE	12,6	NE	2,4			0,0
3	SW	1,7		NE	15,1	C	0,4			0,0
4	NE	3,2		NE	13,7	C	0,4		SW	6,5
5	SW	0,9		SW	10,1	NE	5,2		NE	5,4
6	SW	3,4		NW	12,6	NE	5,8		SE	15,5
7	SW	3,6		SW	14,0	NE	2,7			0,0
8	SW	3,7		NW	12,6	NE	1,9			0,0
9	SW	2,3		NE	21,6	NE	3,0		SE	19,1
10	SW	2,4		NE	9,0	NE	3,8		NE	3,6
11	SW	2,4		NW	12,6	NE	2,4			0,0
12	SW	4,7		SW	42,3	NE	3,0			0,0
13		3,6		SW	12,6	NE	2,9		NE	9,0
14	SW	5,3		NE	25,2	NE	1,7		NE	3,6
15	NW	2,0		NW	11,9	NE	2,1			0,0
16	SW	2,6		SE	10,8	NE	1,6		NE	7,2
17		3,5		NE	16,6	NE	2,6		NE	7,2
18				NE	23,4	NE				0,0
19				SE	17,3	NE			NE	13,7
20	SW	4,5		NE	20,9	C	0,6		SE	5,4
21	V	2,8		NE	9,0	C	1,5		NE	3,6
22		2,9		NE	14,4	NE	1,9			0,0
23		2,8		NE	5,8	NE	3,6			0,0
24	SW	4,0		SW	14,4	C	1,2		NE	10,1
25	VW	0,9		NE	5,4	NE	2,6			0,0
26	SW	1,5		SW	10,1	NE	1,5			0,0
27	NW	2,5		NW	11,9	NE	2,7		NE	5,4
28	SW	4,5		NE	56,9	NE	4,4		NW	17,3
29	SW	2,8		NW	13,0	NE	3,3		NE	11,5
30	V	2,8		SW	13,3	NE	3,8			0,0
ES	SW	3,0		NE	56,9	NE	2,5		SE	19,1

OCTUBRE

Fecha	DIURNO			NOCTURNO						
	Dirección dominante	Velocidad Km/hora	Med	Ráfaga máxima			Ráfaga máxima			
				Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Km/hora	Med	Dirección	Velocidad Km/hora
1	NW	3,4		NW	14,4	V	1,7		NE	10,8
2	V	2,8		SE	26,3	NE	1,2			0,0
3										
4										
5		3,1		NW	31,7	NE	1,9		NE	12,6
6	SW	0,9		SW	3,6	C	0,9		NE	5,4
7	V	3,1		NW	18,4	NE	1,2			0,0
8	NW	2,5		NE	22,3	C	0,7		NE	3,6
9	NW	1,4		NE	10,1	NE	2,4			0,0
10		2,9					1,2			
11		1,9					0,2			
12	V	3,8		NW	13,7	NE	3,6		NE	9,0
13		4,1		NE	16,2	NE	4,3		NE	12,6
14	NW	3,2		NW	12,6	NE	2,7		SE	17,3
15							2,4		NE	13,7
16	NE	2,4		NE	15,1	NE	2,9		NE	13,7
17	SW	2,8		SE	11,9	NE	1,1		NE	11,5
18	NW	1,6		NW	9,0	C	0,6			0,0
19	V	4,4		NE	23,4	NE	2,6		NE	9,0
20	SW	0,6		SW	5,4	NE	2,4		NE	19,8
21	SW	1,4		NW	10,8	C	0,6			0,0
22	SW	1,8		NW	14,4	NE	2,2			0,0
23	SW	3,1		NE	25,2	NE	4,5		NE	14,4
24	SW	4,0		NE	14,4	C	0,2			0,0
25	SW	1,2		SW	4,7	C	0,6		SW	5,4
26	SE	1,0		NW	16,2	NE	1,9		SW	7,2
27	NE	2,8		SW	25,9	NE	2,8		NE	13,7
28	C	0,4			0,0	CE	0,2			0,0
29	C	1,7		NW	14,8	C	0,7			0,0
30	V	2,7		NE	20,2	NE	2,1			0,0
31	SW	2,8		NE	15,1	NE	1,4		NE	9,0
ES		2,4		NW		NE	1,8		SE	17,3

NOVIEMBRE

Fecha	DIURNO			NOCTURNO			Ráfaga máxima	
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima		Dirección dominante	Velocidad Med Km/hora	Dirección	Velocidad Km/hora
			Dirección	Velocidad Km/hora				
1	SW	3,9	NE	12,6	NE	1,0	SE	5,4
2	SW	3,3	SW	21,6	NE	4,6	NE	17,3
3	SW	2,1	NW	16,2	NE	2,1		0,0
4	NE	3,9	SW	3,6	NE	2,9		0,0
5	SW	2,2	SW	17,3	NE	2,2		0,0
6	SW	2,0	NE	15,4	NE	3,6	NE	7,2
7	SW	3,0	NW	16,2	NE	4,1	NE	3,6
8	SW	2,3	SW	12,6	NE	3,1		0,0
9	NW	2,3	SW	13,7	NE	3,5		0,0
10	NW	1,8	NW	13,7	NE	1,4		0,0
11	SW	2,3	NE	23,4	NE	3,9	NE	5,4
12	SW	2,9	NE	23,4	NE	0,8	SE	10,8
13	V	1,3	NE	12,6	C	0,3		0,0
14	SW	4,8	NE	18,4	V	1,0		0,0
15	NW	3,0	SW	12,6	NE	0,2		0,0
16	SW	3,4	NE	20,2	NE	3,1		0,0
17	SW	1,2	SW	5,4	NE	1,2	NE	14,4
18	NW	4,4	NE	24,5	NE	3,1	SE	11,9
19	SW	3,3	SW	21,6	NE	1,7	NE	7,2
20	SW	3,2	NE	25,2	V	2,4	NE	20,5
21	SW	3,0		14,8		5,2		7,2
22	SW	2,7	SW	11,5	NE	4,6	NE	7,2
23	SW	2,6	SW	12,6	NE	1,2		0,0
24	SW	3,2	SE	20,9	NE	3,7	NE	4,2
25	SW	1,6	NE	12,6	NE	1,6		0,0
26		3,1	SW	14,4	NE	1,4	SW	5,4
27		1,7	SW	11,5	NE	5,5		0,0
28		3,8		13,7	NE	3,5	NE	3,6
29		1,8	NW	7,2	SE	0,8		0,0
30	SW	2,8	SW	15,1	NE	1,7	NE	5,4
MES	SW	2,8	NE	25,2	NE	2,5	NE	20,5

DICIEMBRE

Fecha	DIURNO			NOCTURNO			Ráfaga máxima	
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima		Dirección dominante	Velocidad Med Km/hora	Dirección	Velocidad Km/hora
			Dirección	Velocidad Km/hora				
1		2,4	SW	10,8	C	0,8		0,0
2		1,1	SW	7,2	C	0,8	NE	10,1
3		2,7	NE	20,2	NE	1,7		0,0
4		3,6	NE	18,7	NE	5,3	NE	19,8
5								
6								
7								
8								
9								
10								
11								
12								
13								
14		0,6			NE	1,8		
15		2,9			NE	0,6		
16		4,1			NE	2,5		
17								
18								
19		2,1		11,5		0,4		0,0
20		0,8		10,8		5,3		7,2
21			NW	13,7	NE	8,0	NE	10,8
22		2,7	SW	12,6		6,0		0,0
23		2,7		14,0		6,0		0,0
24		2,4		7,2		4,6		3,6
25		3,4		16,9		6,2		3,6
26		2,2		10,8		4,7		0,0
27		2,4		11,5		0,7		0,0
28		2,6		12,6		0,8		0,0
29						1,3		15,4
30		2,1		18,7		3,0		
31				12,6				0,0

MES

Estación: Subestación Albán
 Altitud: 1.500 metros

Municipio: El Cairo
 Latitud: 4 - 46 N

Año: 1987
 Longitud: 76 - 13 W

ENERO

Fecha	DIURNO			NOCTURNO						
	Dirección dominante	Velocidad Km/hora	Med	Ráfaga máxima		Dirección dominante	Velocidad Km/hora	Med	Ráfaga máxima	
				Dirección	Velocidad Km/hora				Dirección	Velocidad Km/hora
1	NE	5,2		NE	30,6	NE	1,3			
2	NE	7,6		NE	31,7	NE	2,0		NE	11,2
3	NE	9,5		NE	36,0	NE	2,6		NE	11,9
4	NE	7,6		NE	32,4	NE	1,2			
5	NE	7,3		NE	27,4	NE	1,4			
6	NE	7,2		NE	28,8	NE	3,2		NE	18,0
7	NE	6,1		NE	23,8	NE	2,2		NE	17,3
8	NE	7,0		NW	26,3	NE	1,7		NE	7,2
9	NE	7,8		NE	32,0	NE	2,4		NE	12,2
10	NE	7,7		NE	29,5	NE	3,2		NE	19,4
11	NE	5,7		NE	24,5	NE	1,2			
12	NE	9,0		NW	31,3	NE	1,6		NE	10,4
13	NE	8,3		NW	30,6	NE	3,2		NE	17,6
14	NE	8,2		NE	29,9	NE	3,0		NE	14,0
15	NE	7,9		NE	31,7	NE	3,1		NE	19,1
16	NE	7,2		NE	21,2	NE	1,5		NE	7,2
17	NE	9,6		NE	32,4	NE	2,5		NE	10,4
18	NE	7,0		NE	28,8	NE	1,8		N	13,7
19	NE	2,0		NE	3,6	NW	1,4		NE	13,3
20	NE	7,4		NE	25,2	NE	2,0			
21	NE	4,3		NE	14,8	NE	1,7			
22	NE	7,5		NW	27,0	NE	1,7			
23	NE	8,6		NE	32,8	NE	2,1		NE	22,0
24	NE	9,9		NE	29,9	NE	3,3		NE	16,2
25	NE	7,6		N	29,2	NE	2,0		NE	13,0
26	NE	13,2		NE	32,4	NE	2,4		NE	13,0
27	NE	9,3		NE	30,2	N	3,3		NE	16,6
28	NE	8,0		NE	38,9	NE	3,9		NE	19,4
29						NE	1,7		NE	17,6
30	NE	8,7		NE	26,6	N	2,7		NE	14,4
31	N	10,7		NE	32,0	NE	1,7			
MES	NE	7,8		NE	38,9	NE	2,2		NE	22,0

FEBRERO

Fecha	DIURNO			NOCTURNO						
	Dirección dominante	Velocidad Km/hora	Med	Ráfaga máxima		Dirección dominante	Velocidad Km/hora	Med	Ráfaga máxima	
				Dirección	Velocidad Km/hora				Dirección	Velocidad Km/hora
1	NE	8,5		NE	33,8	E	2,3		SE	9,7
2	NE	8,7		NE	29,9	NE	2,3		NE	7,2
3	NE	6,5		NE	20,9	NE	3,2		NE	10,8
4	NE	9,2		NE	35,6	NE	4,5		NE	20,2
5	NE	8,8		NE	28,8	NE	2,1			
6	NE	9,1		NW	28,8	NE	2,3		NE	8,6
7	NE	9,2		N	30,2	NE	3,4		NE	19,8
8	NE	7,2		NE	31,7	NE	1,6		NE	9,7
9	NE	7,5		NE	24,8	NE	1,9		NE	13,7
10	NE	8,1		NE	36,4	NE	3,1		NE	13,7
11	NE	8,1		NE	27,0	NE	4,6		NE	17,6
12	NE	6,0		N	23,8	E	1,5			
13						NE	2,9		E	16,2
14	NE	2,6		NE	12,2	NE	1,2			
15	NE	(9,4)		NE	24,8	NE	1,8			
16	NE	11,6		NE	34,2	NW	4,4		NE	25,2
17	NE	8,8		NE	24,8	NE	1,2		E	10,1
18	NE	7,4		NE	29,2	NE	2,1		NE	7,6
19	NE	(10,9)		NE	29,2	NE	1,9			
20	NE	(9,2)		NE	31,3	NE	2,3		NE	12,2
21	NE	(12,2)		NE	32,8	N	3,3		NE	18,0
22	NE	(10,4)		NE	32,8	NE	0,9			
23	NE	8,9		NE	32,0	NE	1,6			
24	NE	(6,5)		NE	30,6	E	2,2		E	9,0
25	NE	6,7		NE	22,0	NE	2,1		NE	7,6
26	V	(10,9)		NW	37,8	NE	2,9		NE	25,9
27	NE	2,7		NE	18,7					
28										
MES	NE	(8,3)		NW	37,8	NE	2,4		NE	25,9

MARZO

Fecha	DIURNO				NOCTURNO			
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima		Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima	
			Dirección	Velocidad Km/hora			Dirección	Velocidad Km/hora
1	NE	5,1	NE	28,8				
2								
3					NE	3,4	NE	23,0
4	NE	2,9			NE	2,1		
5	NE	8,9	NE	39,6	NE	5,1	NE	17,3
6	NE	8,6	NW	36,0	NE	2,4	NE	14,0
7	NE	8,7	NE	30,2	NE	6,0	NE	25,2
8	NE	7,1	NE	27,7	NE	2,7	NE	14,0
9	NE	5,1	NE	11,9	NE	1,9		
10	NW	9,8	NE	28,4	NE	4,0	NE	14,0
11	NE	7,4	NE	28,1	NE	3,2	NE	15,8
12	NE	9,0	NW	30,6	NE	3,7	NE	18,0
13	NE	7,9			NE	1,1		
14	NE	7,0			NE	2,7		
15	NE	7,6			NE	4,9	NE	26,6
16	NE	5,1	NW	21,6	NE	1,1		
17	NE	8,2	NE	31,3	NE	1,7		
18	NE	7,5	NE	25,6	NE	2,2	NE	6,8
19	NE	8,0	NE	28,1	NE	1,9	NE	8,3
20	NE	9,2	NE	34,9	NE	4,5	NE	19,1
21	NE	8,1	NE	31,7	NE	4,5	NE	18,7
22	NE	9,7	NE	35,3	NE	3,7	NE	18,7
23	NE	5,3	NE	14,0	NE	2,2	NE	6,8
24	NE	8,1	NW	25,2	NE	2,2	NE	11,2
25	NE	11,3	NE	35,6	NE	5,6	NE	55,8
26	NE	9,7	NE	28,1	NE	3,2	NE	20,5
27	NE	9,4	NE	28,1	NE	1,5	NE	14,4
28	NE	8,3	NE	29,2	NE	2,3		
29	NE	9,2	NE	34,9	NE	6,0	NE	29,2
30	NE	8,6	NE	33,8	NE	1,8		
31	NE	6,8	N	28,1	NE	2,5	NE	20,9
MES	NE	7,8	NE	39,6	NE	3,1	NE	55,8

ABRIL

Fecha	DIURNO				NOCTURNO			
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima		Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima	
			Dirección	Velocidad Km/hora			Dirección	Velocidad Km/hora
1	NE	9,7	NE	29,2	NE	2,2	NE	12,2
2	NE	6,2	N	19,4	NE	1,2		
3	NE	2,5			SE	1,5		
4	V	7,3	NE	22,0	NE	4,6	SE	16,2
5	NE	2,8			NE	1,7	NE	14,4
6	NE	7,2	NW	26,6	NE	3,4	NE	16,6
7	NE	8,3	NE	36,4	NE	2,8	NE	18,0
8	NE	11,0	NE	33,1	NE	1,9		
9	NE	8,6	NW	31,7	NE	1,8		
10	NE	5,9	NE	20,2	NE	1,7		
11	NE	7,4	NE	27,7	NE	1,8		
12	NE	7,7	NE	28,8	NE	1,4	NE	5,0
13	NE	6,8	NE	23,4	NE	1,9		
14	NE	10,7	NE	30,6	NE	2,2	NE	14,0
15	NE	9,0	NE	32,4	NE	2,2	NE	7,6
16	NE	8,4	NW	31,0	NE	2,1		
17	NE	10,5	NW	33,5	NE	3,1	NE	10,8
18	NE	7,7	NE	21,2	NE	1,4	NE	7,2
19	NE	6,9	NE	24,1	NE	2,0		
20	NE	6,4	NE	29,5	NE	4,3	NE	17,6
21	NE	8,1	NE	28,4	NE	1,8		
22	NE	7,8	NE	27,4	NE	1,7		
23	NE	6,6	NE	24,5	NE	2,4	NE	18,0
24	NE	7,2	NE	24,1	NE	2,8	NE	14,8
25	NE	9,0	NW	26,3	NE	2,7	NE	20,5
26	V	3,8	NW	17,6	NE	2,3		
27	NW	9,7	NW	30,2	NE	3,5	NE	16,9
28	NE	5,7	NE	27,7	NE	2,4	NE	8,6
29	NE	6,8	NW	26,6	NE	0,7		
30	NE	6,0	NE	21,6	NE	1,3		
MES	NE	7,4	NE	36,4	NE	2,2	NE	20,5

MAYO

DIURNO

NOCTURNO

Fecha	DIURNO		Ráfaga máxima		NOCTURNO		Ráfaga máxima	
	Dirección dominante	Velocidad Med Km/hora	Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Dirección	Velocidad Km/hora
1	V	2,8	NE	15,5	NW	1,6	NE	15,5
2	NE	7,1	NW	24,5	NE	3,2	NE	24,5
3	NE	6,6	NE	24,8	NE	3,6	NE	11,5
4	NE	4,3	NW	18,0	NE	2,2	NE	14,4
5	NE	8,5	NE	27,7	NE	2,4	NE	8,3
6	NE	7,6	NE	28,1	NE	2,1		
7	NE	7,2	NE	28,4	NE	3,1	NE	12,6
8	NE	8,4	NE	29,5	NE	3,1	NE	10,4
9	NE	9,8	NE	28,4	NE	1,9	NE	10,1
10	SW	3,2	SW	19,8	SW	1,3		
11	NE	8,8	NE	28,1	NE	2,9	NE	17,3
12	NE	6,2	NE	28,1	NE	2,7	NE	19,4
13	NE	7,7	N	27,4	NE	2,5	NE	12,2
14	NE	6,8	NE	21,6	NE	2,7	NE	16,9
15	NE	7,6	NE	25,9	NE	2,0	NE	7,6
16	NE	5,4	NE	26,6	NE	1,5	NE	11,2
17	NE	7,4	NE	25,9	NE	1,5		
18	NE	9,8	NE	31,3	N	1,2		
19	NE	9,0			NE	1,4		
20	NE	8,5			NE	3,1		
21	NE	8,1			NE	1,6		
22	NE	8,4	NE	25,9	NE	3,2	NE	15,1
23	NE	8,9	NW	28,1	NE	0,9		
24	NE	7,5	N	29,9	NE	1,3		
25	NE	7,7	NE	28,8	NE	3,7	NE	11,5
26	NE	8,6	NW	28,4	NE	1,3		
27	NE	8,0	NW	30,6	NE	1,7	NE	5,4
28	NE	7,6	NE	26,3	NE	24,0	N	13,7
29	NE	7,9	NE	23,0	NE	1,9		
30	NE	8,9	NE	28,8	NE	2,4		
31	NE	8,3	NE	38,9	NE	2,4	NE	6,1
MES	NE	7,5	NE	38,9	NE	2,2	NE	24,5

JUNIO

DIURNO

NOCTURNO

Fecha	DIURNO		Ráfaga máxima		NOCTURNO		Ráfaga máxima	
	Dirección dominante	Velocidad Med Km/hora	Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Dirección	Velocidad Km/hora
1	NE	6,3	NE	17,3	NE	2,2	NE	10,8
2	NE	7,9	NE	25,9	NE	1,3	NE	7,9
3	NE	7,8	NE	25,2	NE	1,9	NE	7,9
4	NE	7,9	NE	22,0	NE	1,7	NE	14,0
5	NE	3,0	NE	9,0	N	1,0		
6	SW	4,1	NE	22,0	SW	1,5		
7	NE	5,6	NW	16,6	NE	1,5		
8	NE	7,3	NW	22,7	NE	1,9	NE	3,6
9	NE	7,8	NE	23,8	NE	1,8	NE	6,1
10	NE	6,9	NE	25,2	NE	2,0	NE	7,2
11	NE	6,8	NE	25,9	NE	1,3		
12	NE	8,5	NE	29,9	NE	2,5		
13	NE	4,3	NE	23,0	NE	1,5		
14	NE	7,7	NE	19,4	NE	0,9		
15	NE	7,8	NE	24,8	NE	2,8	NE	7,6
16	NE	9,8	NE	31,7	NE	1,2	NE	3,6
17	NE	8,6	NE	32,4	NE	2,7	NE	3,6
18	NE	8,9	NE	28,4	NE	2,5	NE	13,7
19	NE	8,7			NE	2,7		
20	NE	7,1			NE	1,3		
21	NE	9,3			NE	2,2		
22	NE	8,3			NE	2,9		
23	NE	7,7			NE	1,0		
24	NE	7,1	NE	21,2	NE	2,0		
25	NE	7,6	NE	25,2	NE	1,4		
26	NE	7,7	NE	30,2	NE	2,2		
27	NE	7,4	NE	25,6	NE	2,4	NE	11,2
28	NE	8,2	NW	35,3	NE	3,5	NE	19,1
29	NE	8,1	NE	25,6	NE	2,5	NE	3,6
30	NE	8,2	NE	28,1	NE	4,2	NE	18,4
MES	NE	7,4	NW	35,3	NE	2,0	NE	19,1

JULIO

Fecha	DIURNO			NOCTURNO			Ráfaga máxima	
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Dirección	Velocidad Km/hora
1	NE	9,7	NE	31,7	NE	1,4		
2	NE	8,7	NE	25,2	NE	2,8		
3	NE	6,4	NE	31,3	NE	2,3	N	13,7
4	NE	8,7	NW	28,4	NE	1,9	NE	8,6
5	NE	6,9	NE	20,5	NE	1,6		
6	NE	8,3	NE	30,2	NE	3,2	NE	14,4
7	NE	9,9	N	35,3	NE	3,6	NE	16,2
8	NE	7,9	NE	36,4	NE	2,9	NE	13,7
9	NE	8,6	NE	34,9	NE	4,7	NE	18,7
10	NE	8,2	NE	31,7	NE	2,2		
11	NE	8,1	NE	21,2	NE	1,8	NE	12,6
12	NE	9,5	NE	25,6	NE	1,9		
13	NE	8,8	NE	30,2	NE	1,9	NE	6,8
14	NE	9,0	NE	25,2	NE	2,0		
15	NE	6,2	NE	25,2	NE	1,1		
16	NE	9,1	NE	31,0	NE	3,2	NE	11,9
17	NE	11,8	N	37,8	NE	1,5	NE	14,0
18	NE	4,5	SW	19,1	N	1,4		
19	NE	7,9	NE	32,0	NE	2,2	NE	13,0
20	NE	6,4	NE	16,2	NE	1,9	NE	10,4
21	NE	9,5	NE	33,8	NE	2,7	NE	7,6
22	NE	11,0	NE	31,7	NE	2,0	NE	13,3
23	NE	9,0	NW	30,6	NE	3,0	NE	10,8
24	NE	6,4	NE	23,0	NE	1,3		
25	NE	9,1	NE	31,3	NE	3,4	NE	15,8
26	NE	6,2	NE	20,2	NE	1,5		
27	NE	7,9	NW	28,8	NE	3,1	NE	10,1
28	NE	6,5	NE	23,0	N	0,8		
29	NE	8,1	NW	28,8	NE	2,3	NE	14,8
30	NE	8,0	NE	26,6	NE	1,1	N	3,6
31	NE	8,4	NE	27,4	NE	2,0	NE	10,8
MES	NE	8,2	N	37,8	NE	2,2	NE	18,7

AGOSTO

Fecha	DIURNO			NOCTURNO			Ráfaga máxima	
	Dirección dominante	Velocidad Med Km/hora	Ráfaga máxima Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Dirección	Velocidad Km/hora
1	NE	5,5	NE	25,6	NE	0,7		
2	NE	5,1			NE	2,3		
3	NE	5,4	NW	19,4	NE	1,9		
4	NE	8,2	NW	26,6	NE	2,8	NE	25,9
5	NE	8,8	NE	25,9	NE	1,7		
6	SW	6,3	NW	27,4	NE	2,8	N	21,6
7	NE	7,5	NW	25,9	NE	3,5	NE	20,9
8	NE	8,5	NE	26,3	NE	1,5		
9	NE	9,9	NW	31,3	NE	2,3	NE	11,9
10	NE	7,2	NE	26,3	NE	2,5		
11	NE	5,8	NE	19,4	NE	2,4		
12	NE	6,5	NW	21,6	NE	2,5		
13	NE	7,3	NE	27,7	NE	2,4	NE	10,1
14	NE	7,4	NE	26,6	NE	2,6	NE	11,2
15	NE	8,6	NE	32,0	NE	2,6	NE	7,6
16	NE	9,1	NE	31,0	NE	1,8	NE	6,8
17	NE	6,6	N	17,6	NE	3,3	NE	13,3
18	NE	8,0	NE	28,1	NE	2,2		
19	NE	8,8	NE	29,5	NE	4,6	NE	20,9
20	NE	8,1	NE	26,6	NE	2,7	NE	8,3
21	NE	7,3	NW	28,1	NE	3,8	NE	18,7
22	NE	8,0	NE	23,8	NE	3,7	NE	13,7
23	NE	8,1	NE	28,8	NE	4,0	NE	19,1
24	NE	7,7	NE	20,7	NE	3,9	NE	12,2
25	NE	8,4	NE	32,8	NE	1,7		
26	NE	8,7	NE	34,9	NE	22,0	NE	8,3
27	NE	8,3	NE	33,1	NE	2,1	NE	10,8
28	NE	8,1	NE	33,1	NE	3,1	NE	22,3
29	NE	9,4	NE	36,0	NE	5,8	N	36,7
30	NE	8,4	N	35,3	NE	4,0	NE	12,2
31	NE	8,3	NE	24,8	NE	2,0	NE	12,2
MES	NE	7,7	NE	36,0	NE	2,7	N	36,7

SEPTIEMBRE

DIURNO

NOCTURNO

Fecha	DIURNO		Ráfaga máxima		NOCTURNO		Ráfaga máxima	
	Dirección dominante	Velocidad Med Km/hora	Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Dirección	Velocidad Km/hora
1	NE	8,4	NE	25,9	NE	2,4		
2	NE	9,5	NE	28,1	NE	3,3	NE	5,4
3	NE	7,5	NE	28,1	NE	1,8	NE	16,6
4	NE	4,3	NE	35,3	NE	0,6	NE	14,4
5	NE	2,9	NE	3,6	SE	1,1		
6	SW	5,3	NE	28,8	SW	1,8		
7	V	11,7	NW	37,1	NE	4,9	NE	33,1
8	NE	11,7	NW	40,7	NE	1,9		
9	NE	7,1	NE	31,7	NE	3,5	NE	22,3
10	NE	9,3	NE	28,4	NE	1,4	NE	7,9
11	NE	9,8	NE	30,6	NE	2,1	NE	16,2
12	NE	9,7	NE	40,3	NE	3,3	NE	23,4
13	NE	9,0	NE	33,1	NE	8,1	NE	28,1
14	NE	6,6	NE	27,0	NE	1,9	NE	9,0
15	NE	8,1	N	26,3	NE	2,2	NE	14,0
16	NE	9,6	NE	31,3	SE	2,5	NE	21,6
17	NE	10,0	NE	39,2	NE	3,9	NE	20,5
18	NE	9,4	NE	33,8	NE	3,0	NE	11,5
19	NE	9,6	NE	32,8	NE	2,6		
20	NE	7,7	NW	25,6	N	1,1		
21	NW	7,1	NE	28,1	NE	2,8	NE	14,4
22	NE	7,3	NE	31,7	NE	2,0	NE	11,5
23	NE	4,4	NW	22,7	NE	1,6		
24	NE	8,2	NW	32,4	NE	2,3	NE	12,2
25	NE	6,4	NW	25,9	NE	0,8		
26								
27	NE	7,2	NE	27,7	NE	1,5	NE	8,6
28	NE	8,6	NE	37,4	NE	3,3	NE	17,3
29	NE	9,1	NE	32,4	NE	2,4	NE	11,2
30	NE	4,3	NE	20,2	NE	1,5		
MES	NE	7,9	NW	40,7	NE	2,5	NE	33,1

OCTUBRE

DIURNO

NOCTURNO

Fecha	DIURNO		Ráfaga máxima		NOCTURNO		Ráfaga máxima	
	Dirección dominante	Velocidad Med Km/hora	Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora	Dirección	Velocidad Km/hora
1	NE				NE			
2	NE				NE			
3	NE	6,0	NE	24,8	NE	1,1		
4	NE	5,7	N	25,2	NE	1,6		
5	NE	6,2	NE	25,9	NE	1,4		
6	NE	6,2	NW	28,4	NW	1,9	NE	9,4
7	NE	7,8	NE	28,4	NE	3,0	NE	16,9
8	NE	7,3	NE	25,6	NE	1,8	NE	9,0
9	NE	6,1	N	28,1	NE	1,8	NW	11,9
10	NE	4,6	NW	17,6	NE	1,0		
11	NE	6,5	NE	28,8	NE	2,6	NE	10,1
12	NE	3,7	NE	15,5	NE	4,1	NE	13,3
13	NE	5,2	NW	25,9	NE	1,9	NE	10,4
14	NE	8,8	NE	31,7	NE	3,6	NW	28,4
15	NE	8,0	NE	33,1	NE	2,3	NE	6,5
16	NE	7,3	NW	29,5	NE	3,0	NE	11,9
17	SW	5,9	NW	21,2	SE	2,1	NE	10,4
18	NE	4,0	NW	13,3	NE	1,0		
19	NE	7,6	NE	31,3	NE	2,0		
20	NE	7,9	NE	24,8	NE	2,7	NE	10,8
21	NE	6,4	NE	19,1	NE	2,1		
22	NE	3,6	NW	17,3	NE	0,8		
23	NE	9,2	NW	28,8	NE	2,2	NE	10,4
24	NE	6,0	NW	19,1	NE	2,3		
25	NE	5,7	NW	28,4	NE	1,0		
26	NE	5,4	NW	14,0	NE	0,7		
27	NE	4,6	NE	31,0	NE	0,7		
28	SW	8,3	NW	28,8	NE	1,4		
29	SW	2,3			SW	1,2		
30	NE	4,1	NW	14,0	NE	1,6		
31	NE	5,5	NW	18,4	NE	1,3	NE	12,2
MES	NE	6,2	NW	33,8	NE	4,4	NE	22,7
						2,0	NW	28,4

NOVIEMBRE

DIURNO

NOCTURNO

Fecha	DIURNO			Ráfaga máxima		NOCTURNO			Ráfaga máxima	
	Dirección dominante	Velocidad Med Km/hora		Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora		Dirección	Velocidad Km/hora
1	N	8,7		NW	35,3	NE	2,6		NE	5,8
2	NE	9,0		NW	30,2	NE	1,6			
3	NE	6,8		NE	28,4	NE	1,4			
4	NE	6,2		NW	17,3	NE	1,3			
5	NE	7,4		NE	26,6	NE	2,3			
6	NE	6,8		NE	28,4	NE	3,0		NE	12,2
7	NE	5,3		NE	32,0	NE	0,7			
8	NE	7,8		NE	25,6	NE	2,5		NE	10,1
9	NE	8,1		NE	28,4	NE	1,9		NE	9,4
10	NE	8,4		NW	28,1	N	2,0			
11	NE	7,7		NE	22,7	NE	2,7		NE	13,7
12	NE	8,1		NE	28,1	N	2,0		NE	15,1
13	NE	7,0		NE	23,0	N	0,8			
14	NE	9,1		NE	31,3	NE	1,6			
15	NE	7,7		N	25,9	NE	1,8			
16	NE	8,0		NW	25,9	NE	1,6			
17	NE	7,7		NE	28,8	NE	1,8			
18	NE	6,9		N	31,7	N	1,5			
19	NE	3,9		NE	22,3	NE	1,6			
20	NE	4,8		NE	20,5	NE	1,2			
21	NE	3,8		NE	11,9	NE	1,0			
22	NW	8,8		NW	25,6	NE	0,7			
23	NE	9,0		NE	32,0	NE	2,0		NE	10,8
24	NE	7,0		NE	28,8	NE	1,6			
25	NE	5,6		NE	18,7	NE	1,4			
26	NE	5,9		NE	14,4	NE	1,2			
27	NE	4,8		NE	15,8	NE	0,7			
28	NE	7,7		NE	25,9	NE	4,5		NE	11,9
29	NE	7,7		NE	40,3	NE	1,6			
30	NE	2,9		NE	25,9	NE	2,0			
MES	NE	7,0		NE	40,3	NE	1,8		NE	15,1

DICIEMBRE

DIURNO

NOCTURNO

Fecha	DIURNO			Ráfaga máxima		NOCTURNO			Ráfaga máxima	
	Dirección dominante	Velocidad Med Km/hora		Dirección	Velocidad Km/hora	Dirección dominante	Velocidad Med Km/hora		Dirección	Velocidad Km/hora
1	NE	6,1		NE	25,2	NE	2,3		NE	13,7
2	NE	4,4		NE	10,4	NE	1,0		NE	8,6
3	NE	5,7		NE	32,8	NE	0,8		NE	7,2
4	NE	6,9		NW	29,9	NE	1,5		NE	8,6
5	NE	4,8		N	28,1	NE	1,7		NE	7,2
6	NE	5,2		SW	37,1	NE	0,6			
7	NE	7,1		NE	35,6	NE	1,1			
8	NE	7,7		NE	33,8	NE	3,3		NE	19,1
9	NE	6,2		NW	33,1	NE	1,8		NE	13,7
10	NE	4,8		NE	24,1	NE	1,2		NE	14,4
11	NE	6,6		NE	30,2	NE	1,3		NE	10,4
12	NE	7,0		NW	28,8	NE	2,0		NE	19,8
13	NE	5,9		NE	26,6	NE	1,7		NE	6,8
14	NE	7,6		NE	30,6	NE	1,0		NE	15,1
15	NE	8,9		NE	35,6	NE	2,0		NE	16,9
16	NE	7,5		NW	32,0	NE	1,2		NE	18,0
17	NE	7,3		NW	34,2	NE	1,4		NE	17,3
18	NE	7,4		NE	36,4	NE	1,2		NE	15,5
19	NE	8,5		NE	44,6	NE	2,1		NE	21,6
20	NE	7,8		NE	37,4	E	1,5		NE	18,0
21	NE	7,0		NE	35,3	NE	1,6		NE	25,9
22	NE	7,9		N	39,2	NE	1,3		NE	16,2
23	NE	8,2		NE	33,1	NE	1,2		NE	18,0
24	NE	7,1		NE	37,8	NE	1,1		NE	17,3
25	NW	8,2		NW	34,9	NE	2,8		NE	20,9
26	NE	6,1		NE	26,6	NE	1,0		NE	10,8
27	NE	7,2		NE	34,9	NE	3,0		NE	18,0
28	NE	7,3		NW	35,3	NE	3,4		NE	23,0
29	NE	8,3		NW	33,8	NE	4,9		NE	33,1
30	NE	7,5		NE	38,9	NE	1,8		NE	13,7
31	NE	6,6		NE	36,7	V	2,8		NE	26,6
MES	NW	6,9		NE	44,6	NE	1,8		NE	33,1

Estación: EL ROSARIO
 Altitud : 1.600 metros

Municipio: VENECIA
 Latitud : 5-56 N

Año: 1987
 Longitud: 75-43 W

Dirección dominante del viento - DIURNO

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

Dirección dominante del viento - NOCTURNO

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

Estación: Tibacuy
 Altitud : 1.550 metros

Municipio: Tibacuy
 Latitud : 4 - 21 N

Año: 1987
 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	NE	SE	SE		SE	SE		SE
2	SE	V	SE	SE	SE	SE	SE	SE	NW	SE	SE	SE
3	SE	SE	SE	SE	SE	SE	SE	SE	SE	V	SE	SE
4	SE	SW	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
5		SW	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
6	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
7	SE	SE	SE	SE	SE	SE	SE	SW	SE	SE	SE	SE
8	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
9	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
10	V	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
11	SE	SE	SE	SE	SE	SE	SE	SW	SE	SE	SE	SE
12	V	NW	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
13	SE	NE	SE	SE	SE	SE	SW	SE	SE	SE	SE	SE
14	V	V	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
15	SW	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
16	SE	NE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
17	SE	V	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
18	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
19	NW	SE	SE	SE	SE	SE	SE	SE	NW	SE	SE	NE
20	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
21	SE	SW	SE	SE	SE	SE	SE	SE	SW	SE	SE	SE
22	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
23	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
24	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
25	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
26	SW	SW	SE	SE	V	SE	SE	SE	SE	SE	SE	SE
27	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
28	SE	SE	SE	NE	SE	SE	SE	SE	SW	SE	SE	SE
29	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
30	SE	SE	SE	SE	SE	SE	SE	SE	V	SE	SE	SE
31	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
MES	SE	SE	SE		SE	SE	SE	SE	SE		SE	SE

Dirección dominante del viento - NOCTURNO

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

Dirección dominante del viento - DIURNO

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

Dirección dominante del viento - NOCTURNO

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