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FEDERACION NACIONAL DE CAFETEROS DE COLOMBIA

CENTRO NACIONAL DE INVESTIGACIONES DE CAFE

Cenicafé

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

ANUARIO METEOROLOGICO 1982

SE CANEJA CON PUBLICACIONES DE LA MISMA INDOLE

DIRECCION:
CENICAFE - CHINCHINA - CALDAS - COLOMBIA

ADDRES:

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

INTRODUCCION

La presente información meteorológica corresponde a las observaciones realizadas durante el año de 1982, en la red de estaciones que posee la Federación Nacional de Cafeteros, en la zona cafetera colombiana.

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

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

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

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

CALCULOS

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

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

e = Tensión del vapor actual, en milibares.
E = Tensión del vapor saturante.
Ap = Constante psicrométrica (en función del aparato y de la presión atmosférica).
t = Temperatura del termómetro seco, en °C.
t_1 = Temperatura del termómetro húmedo, en °C.

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

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

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

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

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

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

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

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

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

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

VIENTOS DE SUPERFICIE

Al final de este Anuario (página 331 a 357), se presentan los datos diarios de vientos de superficie, registrados en El Rosario, Cenicafé, Naranjal, La Florida, Tibacuy, Ospina Pérez, Blonay, Paraguaicito, Chapetón y Albán.

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

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

NUEVAS ESTACIONES

Se realizaron las siguientes instalaciones nuevas:

Municipio	Estación	Departamento
Estaciones principales		
Quimbaya	Maracay	Quindío
Puestos pluviométricos		
Filadelfia	Pernambuco	Caldas
Caparrapí	El Paraíso	Cundinamarca
Guaduas	Los Alpes	Cundinamarca
La Vega	Los Aleros	Cundinamarca
Viani	Viani	Cundinamarca
Silvania	Pinar del Río	Cundinamarca
San Bernardo	Arabia	Cundinamarca
Acacías	Montelíbano	Meta
Samaniego	Batioja	Nariño
Convención	La Laguna	Norte de Santander
Pijao	El Porvenir	Quindío
Buenavista	La Esperanza	Quindío
La Tebaida	La Miranda	Quindío
Córdoba	Mónaco	Quindío
Calarcá	Quebradanegra	Quindío
Calarcá	El Paraíso	Quindío
Montenegro	Sorrento	Quindío
Armenia	La Pradera	Quindío
Quimbaya	El Rocío	Quindío

Municipio	Estación	Departamento
Filandia	Amazonas	Quindío
Génova	Villa Horizaba	Quindío
Mistrató	Planta de Tratamiento	Risaralda
Belén de Umbría	La Florida	Risaralda
Pereira	La Marina	Risaralda
El Playón	Las Porositas	Santander
Girón	Bonanza	Santander

ESTACIONES SUSPENDIDAS

Suspendieron observaciones temporal o definitivamente, los siguientes puestos pluviométricos:

Estación	Municipio	Departamento
Sifilfia	Manizales	Caldas
La Aurelia	Cajibío	Cauca
Bello Horizonte	San Antonio	Cundinamarca
La Floresta	Rionegro	Santander
La Laguna	Páramo	Santander
San Josecito	Toledo	Norte de Santander

LOCALIZACION DE LA RED METEOROLOGICA

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura m.s.n.m.	Hoya hidrográfica
		ZONA NORTE				
		REGION DE LA SIERRA NEVADA				
CESAR						
	Pueblo Bello		10°22'	73°38'	1.000	Cesar
		CUENCA DEL LAGO MARACAIBO				
NORTE DE SANTANDER						
	Convención	La Laguna	8°32'	73°18'	1.250	Catatumbo
	Lourdes	Concentración	7°58'	72°50'	1.450	Sardinata
	Salazar	Francisco Romero	7°46'	72°48'	1.000	Zulia
	Chinácota	Blonay	7°35'	72°36'	1.235	Zulia
		ZONA CENTRAL NORTE				
		VERTIENTE OCCIDENTAL CORDILLERA ORIENTAL				
SANTANDER						
	El Playón	Las porositas	7°28'	73°10'	—	Lebrija
	Rionegro	Palestina	7°21'	73°07'	1.350	Lebrija
	Rionegro	Los Cocos	7°18'	73°07'	1.300	Lebrija
	Bucaramanga	Ceylán	7°09'	73°38'	1.300	Oro
	Girón	Bonanza	7°04'	73°10	1.250	Oro
	Floridablanca	La Loma	7°04'	73°05'	1.400	Oro
	Floridablanca	Miporal	7°04'	73°06'	1.200	Oro
	San Vicente	Aguas Blancas	6°57'	73°26'	1.200	Sogamoso
	San Vicente	New York	6°52'	73°24'	960	Sogamoso
	San Vicente	Santa Cruz	6°52'	73°23'	750	Sogamoso
	San Vicente	Nazareth	6°57'	73°25'	1.000	Sogamoso
	Zapatoca	La Guayana	6°48'	73°15'	1.800	Sogamoso
	Curití	Cuchicute	6°36'	73°04'	1.550	Suárez
	Hato	Chochos	6°32'	73°18'	1.400	Suárez
	Pinchote	Las Flores	6°30'	73°14'	1.700	Suárez
	Valle San José	Mesón	6°27'	73°08'	1.200	Suárez
	Mogotes	Instituto Agrícola	6°28'	72°58'	1.800	Suárez
	Chima	Agua Fría	6°20'	73°22'	1.400	
	Oiba	Los Pinos	6°18'	73°17'	1.350	Suárez
	Guadalupe	Sevilla	6°15'	73°25'	1.390	Suárez
	Charalá	Villanueva	6°16'	73°08	1.450	Fence
	Landazuri	El Danubio	6°13'	73°48'		
	Suaita	El Recreo	6°07'	73°29'	1.540	Suárez
	Suaita	Cielo Roto	6°07'	73°28'	1.540	Suárez
	Barbosa	Buenavista	5°59'	73°36'	1.800	Suárez
	Barbosa	Cite	5°59'	73°39'	1.600	Suárez
	Puente Nacional	La Cumbre	5°53'	73°43'	1.850	
BOYACA						
	Moniquirá	Bertha	5°52'	73°24'	1.700	Suárez

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura m.s.n.m.	Hoya hidrográfica
CUNDINAMARCA						
	Yacopí	Montelíbano	5°28'	74°22'	1.340	Negro
	La Palma	Sec. de Agricultura	5°21'	74°23'	1.250	Negro
	Caparrapi	El Paraíso	5°19'	74°29'	1.450	Negro
	Vergara	Los Pantanos	5°07'	74°21'	1.550	Negro
	Guaduas	Sec. de Agricultura	5°04'	74°36'	1.060	Negro
	Guaduas	Los Alpes	5°05'	74°34'	1.600	Negro
	La Vega	Los Aleros	4°58'	74°18'	—	Negro
	San Francisco	La Carlina	5°49'	74°17'	—	Negro
	Sasaima	El Triángulo	4°58'	74°26'	1.500	Negro
	Sasaima	Icalí	4°57'	74°25'	1.300	Negro
	Vianí	Vianí	4°52'	74°33'	—	Negro
	San Juan de Rioseco		4°51'	74°40'	1.300	Magdalena
		VERTIENTE DE LOS LLANOS				
META						
	Acacías	Montelíbano	4°02'	73°45'	610	Acacías
	Acacías	Maringá	4°00'	73°46'	540	Acacías
	Guamal	Villa Priscilla	3°56'	73°44'	850	Acacías
		VERTIENTE ORIENTAL CORDILLERA CENTRAL				
CALDAS						
	Marquetalia	Santa Helena	5°18'	75°09'	1.450	Guarinó
	Manzanares	Llanadas	5°13'	75°11'	1.420	Guarinó
TOLIMA						
	Fálan	Palocabildo	5°08'	74°57'	1.500	Gualí
	Fresno	La Cimarrona	5°10'	75°00'	1.400	Gualí
	Líbano	La Trinidad	4°55'	75°04'	1.430	Recio
		VERTIENTE OCCIDENTAL CORDILLERA CENTRAL				
ANTIOQUIA						
	Venecia	El Rosario	5°56'	75°43'	1.600	Cauca
	Fredonia	Bariloche	5°56'	75°37'	1.700	Cauca
CALDAS						
	Aguadas	Santa Helena	5°37'	75°33'	1.400	Cauca
	Aguadas	Guaymaral	5°38'	75°28'	1.600	Cauca
	La Merced	Llanadas	5°23'	75°33'	1.800	Cauca
	Filadelfia	Pernambuco	5°20'	75°33'	1.400	La Honda
	Manizales	Agronomía	5°03'	75°29'	2.150	Chinchiná
	Manizales	La Trilladora	5°06'	75°33'	1.650	Chinchiná
	Manizales	Santa Teresita	5°07'	75°36'	1.350	Chinchiná
	Manizales	Tesorito	5°02'	75°27'	2.200	Chinchiná
	Manizales	Las Pavas	5°06'	75°36'	1.420	Chinchiná
	Manizales	Java	5°02'	75°33'	1.780	Chinchiná

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura m.s.n.m.	Hoya hidrográfica
CALDAS	Palestina	Santágueda-Facult.	5°05'	75°40'	1.010	Chinchiná
	Palestina	Luker	5°05'	75°41'	1.020	Chinchiná
	Palestina	El Recreo	5°02'	75°39'	1.450	Chinchiná
	Palestina	Santa Ana	5°01'	75°40'	1.250	Chinchiná
	Chinchiná	Cenicafé	4°59'	75°35'	1.310	Chinchiná
	Chinchiná	Naranjal	4°58'	75°42'	1.370	Campoalegre
	Chinchiná	La Francia	4°59'	75°41'	1.360	Campoalegre
RISARALDA						
	Marsella	La Palmera	5°00'	75°45'	1.450	Campoalegre
	Marsella	La Morenita	4°54'	75°46'	1.440	Campoalegre
	Santa Rosa de Cabal	El Jazmín	4°55'	75°38'	1.600	Campoalegre
	Santa Rosa de Cabal	Guayabito	4°54'	75°38'	1.626	San Eugenio
	Santa Rosa de Cabal	El Castillo	4°56'	75°40'	1.550	San Eugenio
	Dosquebradas	El Bosque	4°50'	75°41'	1.450	San Eugenio
	Dosquebradas	La Primavera	4°50'	75°40'	1.540	San Eugenio
	Pereira	Los Cámbulos	4°49'	75°50'	1.240	Cauca
	Pereira	Planta de Tratam.	4°48'	75°40'	1.450	Otún
	Pereira	La Marina	4°48'	75°43'	1.560	Otún
	Pereira	Belmonte	4°48'	75°46'	1.340	Otún
	Pereira	El Cedral	4°47'	75°32'	2.120	Consota
	Pereira	La Tierrica	4°47'	75°48'	1.300	Consota
	Pereira	La Joya	4°46'	75°47'	1.250	Consota
	Pereira	Hiroshima	4°46'	75°44'	1.320	Consota
	Pereira	Combia	4°50'	75°47'	1.300	Consota
	Pereira	La Playa	4°45'	75°44'	1.350	Consota

VERTIENTE ORIENTAL CORDILLERA OCCIDENTAL

ANTIOQUIA						
	Dabeiba	La Aldea	7°02'	76°12'	1.500	Urama
	Jardín	Miguel Valencia	5°32'	75°51'	1.570	Cauca
CALDAS						
	Marmato	El Descanso	5°29'	75°38'	1.650	Cauca
	Supía	Rafael Escobar	5°28'	75°39'	1.320	Cauca
	Riosucio	La Manuelita	5°22'	75°41'	1.400	Cauca
	Riosucio	La Argentina	5°28'	75°42'	1.420	Cauca
RISARALDA						
	Quinchía	La Oriental	5°22'	75°43'	1.620	Quinchía
	Quinchía	El Diamante	5°19'	75°42'	1.550	Quinchía
	Guática	Buenos Aires	5°21'	75°48'	1.830	Risaralda
	Guática	Ospirma	5°20'	75°49'	1.680	Risaralda
	Mistrató	Planta de Tratam.	5°17'	75°53'	1.600	Risaralda
	Belén de Umbría	Taparcal	5°11'	75°52'	1.400	Risaralda
	Belén de Umbría	La Primavera	5°13'	75°49'	1.700	Risaralda
	Belén de Umbría	La Florida	5°09'	75°53'	1.350	Risaralda

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura m.s.n.m.	Hoya hidrográfica
		El Tamboral	5°07'	75°55'	1.450	Risaralda
RISARALDA		Los Naranjos	5°01'	76°03'	1.420	Mapa
	Apia	Tesorito	5°00'	76°01'	1.500	Mapa
	Santuario	La Tribuna	4°57'	75°57'	1.500	Risaralda
	La Celia	Ingenio S.Francisco	4°54'	75°54'	1.000	Cauca
	Balboa					
	La Virginia					

ZONA CENTRAL SUR

VERTIENTE OCCIDENTAL CORDILLERA ORIENTAL

CUNDINAMARCA						
	Cachipay	Mesitas de Sta.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
	Venecia	Bengala	4°07'	74°30'	1.600	Honda
TOLIMA						
	Melgar	La Granja	4°09'	74°40'		Magdalena
	Villarrica	Luis Bustamante	3°56'	74°36'	1.610	Magdalena
	Dolores	La Montaña	3°33'	74°54'	1.260	Magdalena
	Dolores	El Ocaso	3°32'	74°53'	1.000	Magdalena
HUILA						
	Tello	Sucre	3°04'	75°09'	1.450	Magdalena

VERTIENTE ORIENTAL CORDILLERA CENTRAL

TOLIMA						
	Ibagué	Chapetón	4°27'	75°16'	1.300	Coello
	Rovira	La Aldea	4°13'	75°14'	1.550	Coello
	Valle de San Juan	Orisol	4°10'	75°07'	1.500	Coello
	San Antonio	La Meseta	3°55	75°29'	1.600	Saldaña
	Chaparral	Limón	3°43'	75°38'	990	Saldaña
HUILA						
	Teruel	Buenos Aires	2°45'	75°35'	1.450	Magdalena

VERTIENTE OCCIDENTAL CORDILLERA CENTRAL

QUINDIO						
	Circasia	La Ilusión	4°36'	75°39'	1.500	Barbas
	Circasia	Bremen	4°40'	75°37'	2.040	Barbas
	Filandia	Amazonas	4°38'	75°39'	—	Barbas

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura m.s.n.m.	Hoya hidrográfica
QUINDIO	Quimbaya	Vivero	4°37'	75°46'	1.400	La Vieja
	Quimbaya	Maracay	4°36'	75°46'	1.450	La Vieja
	Quimbaya	Yolanda	4°37'	76°47'	1.320	La Vieja
	Quimbaya	El Rocío	4°34'	75°46'	—	La Vieja
	Montenegro	El Agrado	4°28'	75°49'	1.350	La Vieja
	Montenegro	Sorrento	4°32'	75°51'	1.290	La Vieja
	Armenia	El Sena	4°32'	75°40'	1.550	Quindío
	Armenia	Tucumán	4°32'	75°44'	1.250	Quindío
	Calarcá	La Bella	4°31'	75°40'	1.450	Quindío
	Calarcá	Quebradanegra	4°31'	75°38'	1.500	Quindío
	Calarcá	El Paraíso	4°30'	75°42'	1.400	Quindío
	Armenia	La Pradera	4°28'	75°43'	1.350	Quindío
	Tebaida	La Argentina	4°26'	75°46'	1.200	La Vieja
	Tebaida	La Miranda	4°26'	75°50	1.220	La Vieja
	Córdoba	Mónaco	4°24'	75°40'	1.300	Rioverde
	Buenavista	Paraguaicito	4°23'	75°44'	1.250	Rioverde
	Buenavista	La Esperanza	4°21'	75°45'	1.400	Rioverde
	Pijao	El Porvenir	4°19'	75°45'	1.540	Río Lejos
	Génova	Villa Horizaba	4°12'	75°44'	1.540	Barragán
VALLE						
	Alcalá	Arturo Gómez	4°40'	75°48'	1.320	La Vieja
	Sevilla	Heraclio Uribe	4°16'	75°55'	1.540	La Vieja
	Ginebra	La Selva	3°40'	76°18'	1.800	Cauca
	Palmira	Campanella	3°33'	76°18'	1.550	Cauca
CAUCA						
	Santander	Instituto Técnico	3°01'	76°29'	1.110	Cauca
		VERTIENTE ORIENTAL CORDILLERA OCCIDENTAL				
VALLE						
	El Aguila	Santa Marta	4°54'	75°03'	1.760	Cauca
	Ansermanuevo	El Placer	4°49'	76°01'	1.730	Cauca
	Ansermanuevo	Bellavista	4°48'	76°04'	1.550	Cauca
	El Cairo	Subestación Albán	4°46'	76°13'	1.400	Garrapatas
	Argelia	Santiago Gutiérrez	4°43'	76°10'	1.550	Cauca
	Roldanillo	El Horizonte	4°24'	76°10'	1.600	Cauca
	Trujillo	Manuel Mallarino	4°10'	76°21'	1.380	Cauca
	Restrepo	Julio Fernández	3°49'	76°31'	1.360	Calima
		ZONA SUR				
		VERTIENTE OCCIDENTAL CORDILLERA ORIENTAL				
HUILA						
	Algeciras	Kiosco	2°32'	75°20'	1.400	Neiva
	Gigante	Jorge Villamil	2°22'	75°33'	1.500	Magdalena
	Pitalito	Palestina	1°52'	76°03'	1.590	Magdalena

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura m.s.n.m.	Hoya hidrográfica
		VERTIENTE OCCIDENTAL CORDILLERA CENTRAL				
CAUCA						
	Piendamó	La Trinidad	2°41'	76°32'	1.600	Cauca
	Popayán	La Florida	2°27'	76°35'	1.850	Cauca
	Tambo	Manuel Mejía	2°24'	76°43'	1.700	Cauca
	Rosas	Portachuelo	2°15'	76°43'	1.750	Cauca
		CUENCA DEL RIO PATIA				
NARIÑO						
	La Unión	La Unión	1°37'	77°09'	1.800	Patía
	Samaniego	Batioja	1°19'	77°32'	—	Guaítara
	Consacá	Ospina Pérez	1°16'	77°28'	1.700	Guaítara

CONTENIDO ANUARIO 1982

ESTACIONES PRINCIPALES

		Página
ANTIOQUIA	Venecia - El Rosario	
	Datos diarios	1 - 6
	Resumen mensual y anual	7
	Jardín-Miguel Valencia	
	Datos Diarios	8 - 13
	Resumen mensual y anual	14
BOYACA	Moniquirá - Bertha	
	Datos Diarios	15 - 20
	Resumen mensual y anual	21
CALDAS	Supía - Rafael Escobar	
	Datos diarios	22 - 27
	Resumen mensual y anual	28
	Marquetalia - Santa Helena	
	Datos diarios	29 - 34
	Resumen mensual y anual	35
	Manizales - Agronomía	
	Datos diarios	36 - 41
	Resumen mensual y anual	42
	Palestina - Santágueda - Facultad	
	Datos diarios	43 - 48
	Resumen mensual y anual	49
	Palestina - Santágueda - Luker	
	Datos diarios	50 - 55
	Resumen mensual y anual	56
	Chinchiná - Cenicafé	
	Datos diarios	57 - 62
	Resumen mensual y anual	63
	Chinchiná - Naranjal	
	Datos diarios	64 - 69
	Resumen mensual y anual	70
CAUCA	Popayán - La Florida	
	Datos diarios	71 - 76
	Resumen mensual y anual	77
	Tambo - Manuel Mejía	
	Datos diarios	78 - 83
	Resumen mensual y anual	84

		Página
CESAR	Pueblo Bello	
	Datos diarios	85 - 90
	Resumen mensual y anual	91
CUNDINAMARCA	Yacopí - Montelíbano	
	Datos diarios	92 - 97
	Resumen mensual y anual	98
	Mesitas del Colegio - Misiones	
	Datos diarios	99 - 100
	Resumen mensual y anual	105
	Tibacuy	
	Datos diarios	106 - 111
	Resumen mensual y anual	112
HUILA	Gigante - Jorge Villamil	
	Datos diarios	113 - 118
	Resumen mensual y anual	119
NARIÑO	Consacá - Ospina Pérez	
	Datos diarios	120 - 125
	Resumen mensual y anual	126
NORTE DE SANTANDER	Salazar - Francisco Romero	
	Datos diarios	127 - 132
	Resumen mensual y anual	133
	Chinácota - Blonay	
	Datos diarios	134 - 139
	Resumen mensual y anual	140
QUINDIO	Quimbaya - Maracay	
	Datos diarios	141 - 146
	Resumen mensual y anual	147
	Calarcá - La Bella	
	Datos diarios	148 - 153
	Resumen mensual y anual	154
	Buenavista - Paraguaicito	
	Datos diarios	155 - 160
	Resumen mensual y anual	161
RISARALDA	La Virginia - Ingenio San Francisco	
	Datos diarios	162 - 167
	Resumen mensual y anual	168
	Santa Rosa de Cabal - El Jazmín	
	Datos diarios	169 - 174
	Resumen mensual y anual	175

Página

RISARALDA

Pereira - El Cedral
Datos diarios . . . . . 176 - 181
Resumen mensual y anual 182

Pereira - La Joya
Datos diarios . . . . . 183 - 188
Resumen mensual y anual 189

TOLIMA

Líbano - La Trinidad
Datos diarios 190 - 195
Resumen mensual y anual 196

Ibagué - Chapetón
Datos diarios . . . . . 197 - 202
Resumen mensual y anual 203

Villarrica - Luis Bustamante
Datos diarios . . . . . 204 - 209
Resumen mensual y anual 210

Chaparral - Limón
Datos diarios . . . . . 211 - 216
Resumen mensual y anual 217

Dolores - La Montaña
Datos diarios . . . . . 218 - 223
Resumen mensual y anual 224

VALLE

El Cairo - Subestación
Datos diarios . . . . . 225 - 230
Resumen mensual y anual 231

Alcalá - Arturo Gómez
Datos diarios . . . . . 232 - 237
Resumen mensual y anual 238

Sevilla - Heraclio Uribe
Datos diarios . . . . . 239 - 244
Resumen mensual y anual 245

Trujillo - Manuel María Mallarino
Datos diarios . . . . . 246 - 251
Resumen mensual y anual 252

Restrepo - Julio Fernández
Datos diarios . . . . . 253 - 258
Resumen mensual y anual 259

ESTACIONES HELIPLUVIOGRAFICAS

CUNDINAMARCA	Cachipay - Mesitas de Santa Inés	260
NARIÑO	La Unión	261
QUINDIO	Armenia - El Sena	262
SANTANDER	San Vicente - Aguas Blancas	263

ESTACIONES PLUVIOGRAFICAS

CALDAS	Manzanares - Llanadas	264
QUINDIO	Circasia - El Bremen	265
RISARALDA	Pereira - Planta de Tratamiento	265
VALLE	Argelia - Santiago Gutiérrez	266
	Ginebra - La Selva	266

PUESTOS PLUVIOMETRICOS

ANTIOQUIA	Dabeiba - La Aldea: Fredonia - Bariloche	267
CALDAS	Aguadas - Guaymaral: Aguadas - Santa Helena	268
	Riosucio - La Argentina: La Merced - LLanadas	269
	Marmato - El Descanso: Riosucio - La Manuelita	270
	Manizales - Java: Manizales - La Trilladora	271
	Manizales - Las Pavas: Manizales - Santa Teresita	272
	La Victoria - La Pastorita: Manizales - Tesorito	273
	Palestina - El Recreo: Chinhiná - La Francia	274
	Filadelfia - Pernambuco	275
CAUCA	Rosas - Portachuelo	275
	Santander - Instituto Técnico: Piendamo - La Trinidad	276
CUNDINAMARCA	Vergara - Los Pantanos: Guaduas - Sec. Agricultura	277
	Caparrapí - El Paraíso: La Palma - Sec. Agricultura	278
	Guaduas - Los Alpes: La Vega - Los Aleros	279
	San Francisco - La Carlina: Sasaima - El Triángulo	280
	Sasaima - Icalí: Vianí	281
	La Mesa - El Refugio: Mesitas del Colegio - Las Granjas	282
	Mesitas del Colegio - El Porvenir: Viotá - Atala	283
	Silvania - Pinar del Río: San Bernardo - Arabia	284
	San Juan de Rioseco: Venecia- Bengala	285
HUILA	Tello - Sucre: Teruel - Buenos Aires	286
	Algeciras - Kiosko: Pitalito - Palestina	287
META	Acacías - Maringá: Acaciás - Montelíbano	288
	Guamal - Villa Priscilla	289

		Página
NARIÑO	Samaniego - Batioja	289
NORTE DE SANTANDER	Convención - La Laguna: Lourdes - Concentración	290
QUINDIO	Pijao - El Porvenir: Buenavista - La Esperanza	291
	La Tebaida - La Miranda: Córdoba - Mónaco	292
	Calarcá - Quebradanegra: La Tebaida - La Argentina	293
	Armenia - Tucumán: Calarcá - El Paraíso	294
	Montenegro - Sorrento: Armenia - La Pradera	295
	Circasia - La Ilusión: Montenegro - El Agrado	296
	Quimbaya - El Rocío: Filandia - Amazonas	297
	Quimbaya - Vivero: Génova - Villa Horizaba	298
RISARALDA	Quinchía - El Diamante: Quinchía - La Oriental	299
	Mistrató - Planta de Tratamiento: Guática - Buenos Aires	300
	Guática - Ospirma: Belén de Umbría - Taparcal	301
	Belén de Umbría - La Primavera: Belén de Umbría - La Florida	302
	Santuario - Los Naranjos: La Celia - Tesorito	303
	Balboa - La Tribuna: Marsella - La Palmera	304
	Marsella - Morenita: Sta. Rosa de Cabal - Guayabito	305
	Dosquebradas - El Bosque: Dosquebradas - La Primavera	306
	Sta. Rosa de Cabal - El Castillo: Pereira - Los Cámbulos	307
	Pereira - Belmonte: Pereira - Hiroshima	308
	Pereira - Combia: Pereira - La Marina	309
	Pereira - La Tierrica: Pereira - La Playa	310
	Apía - El Tamboral	311
SANTANDER	El Playón - Las porositas	311
	Rionegro - Los Cocos: Rionegro - Palestina	312
	Girón - Bonanza: Floridablanca - La Loma	313
	Floridablanca - Miporal: San Vicente - New York	314
	San Vicente - Santa Cruz: San Vicente - Nazareth	315
	Bucaramanga - Ceylán: Zapatoca - La Guayana	316
	Curití - Cuchicute: Chochos - Hato	317
	Pinchote - Las Flores: Mogotes - Instituto Agrícola	318
	Valle San José - Mesón: Chima - Agua Fría	319
	Oiba - Los Pinos: Charalá - Villanueva	320
	Suaita - Cielo Roto: Suaita - El Recreo	321
	Barbosa - Cite: Barbosa - Buenavista	322
	Puente Nacional - La Cumbre: Landazuri - El Danubio	323
	Guadalupe - Sevilla	324
TOLIMA	Falan - Palocabildo	324
	Rovira - La Aldea: Villa San Juan - Orisol	325
	Melgar - La Granja: San Santonio - La Meseta	326
	Fresno - La Cimarrona: Dolores - El Ocaso	327
VALLE	Ansermanuevo - Bellavista: Ansermanuevo - El Placer	328
	Roldanillo - El Horizonte: Palmira - Campanella	329
	El Aguila - Santa Marta	330

VIENTOS DE SUPERFICIE

		Página
ANTIOQUIA	Venecia - El Rosario	331 - 332
CALDAS	Chinchiná - Cenicafé	333 - 335
	Chinchiná - Naranjal	336 - 338
CAUCA	Popayán - La Florida	339 - 341
CUNDINAMARCA	Tibacuy - Granja Tibacuy	342
NARIÑO	Consacá - Ospina Pérez	343 - 345
NORTE DE SANTANDER	Chinácota - Blonay	346 - 348
QUINDIO	Buenavista - Paraguaicito	349 - 351
TOLIMA	Ibagué - Chapetón	352 - 354
VALLE	El Cairo - Albán	355 - 357

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.982

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	14.5	22.5	17.1	78.5	15.636	13.6	51.7	12.4	64.1	2.4
2	13.4	21.0	15.9	88.9	16.172	14.2	4.6	0.0	4.6	0.6
3	13.5	21.0	17.0	85.3	16.304	14.2	0.0	23.7	23.7	3.8
4	12.5	21.5	17.2	84.7	16.576	14.5	0.0	36.5	36.5	1.0
5	13.5	22.0	17.0	89.0	17.174	15.1	2.8	9.4	12.2	1.5
6	14.0	21.0	17.1	84.8	16.451	14.4	0.6	2.9	3.5	2.0
7	14.0	23.5	18.3	79.1	16.554	14.5	2.7	0.0	2.7	5.7
8	14.4	23.2	18.3	64.7	13.429	11.3	0.0	0.0	0.0	8.1
9	15.0	20.0	17.6	88.4	17.690	15.5	0.1	55.5	55.6	0.2
10	13.6	23.5	18.4	75.0	15.775	13.8	1.1	1.4	2.5	7.4
11	14.1	24.5	19.3	79.0	17.229	15.2	0.0	0.0	0.0	4.6
12	15.5	25.5	19.8	69.7	15.682	13.7	0.0	0.0	0.0	9.5
13	15.5	24.0	20.1	72.1	16.523	14.5	0.0	0.0	0.0	7.9
14	15.6	24.1	19.8	72.8	16.316	14.2	0.0	1.5	1.5	6.2
15	14.5	24.5	19.3	73.9	17.145	15.1	0.0	0.0	0.0	8.6
16	14.5	24.0	19.5	69.4	15.223	13.2	0.0	0.0	0.0	10.3
17	14.5	23.3	19.8	70.2	15.908	13.9	0.0	0.0	0.0	9.8
18	13.0	25.7	20.8	60.5	14.309	12.1	0.0	0.0	0.0	10.9
19	15.0	25.7	21.0	57.2	13.392	11.3	0.0	0.0	0.0	10.6
20	15.0	26.0	21.0	61.9	14.799	12.8	0.0	0.0	0.0	10.9
21	15.6	26.0	20.7	68.2	15.849	13.8	0.0	0.0	0.0	10.9
22	14.5	26.0	20.7	62.4	14.684	12.6	0.0	0.0	0.0	10.2
23	14.3	26.0	20.3	65.3	14.966	13.0	0.0	0.0	0.0	10.7
24	15.0	25.4	18.8	71.5	15.253	13.3	1.3	0.0	1.3	9.8
25	15.5	22.0	18.7	69.5	14.718	12.7	0.0	0.0	0.0	3.7
26	15.6	24.0	18.6	71.7	15.478	13.5	0.0	2.2	2.2	4.8
27	13.5	21.0	17.0	88.6	17.059	15.0	0.7	0.0	0.7	1.5
28	14.5	22.0	17.6	77.7	15.581	13.6	2.7	0.0	2.7	0.9
29	14.5	22.0	17.5	78.8	15.740	13.8	1.7	0.0	1.7	4.3
30	14.0	23.2	19.0	78.7	16.749	14.7	0.0	2.9	2.9	7.6
31	14.7	19.5	17.0	90.9	17.633	15.5	0.5	0.0	0.5	0.6
PROM.	14.4	23.3	18.7	75.3	15.871	13.8	70.5	148.4	218.9	187.0

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	14.1	24.5	19.5	74.8	16.563	14.6	0.0	0.0	0.0	7.6
2	14.0	24.5	18.7	75.8	16.090	14.1	0.0	0.0	0.0	4.3
3	14.5	25.0	18.9	77.3	16.799	14.7	0.4	0.0	0.4	5.5
4	14.5	24.5	19.8	82.1	18.770	16.5	3.2	0.0	3.2	5.8
5	16.0	24.0	19.9	76.9	17.450	15.3	0.0	0.7	0.7	4.5
6	15.0	22.0	18.5	81.2	17.147	15.1	0.0	0.0	0.0	1.4
7	15.5	25.5	18.6	75.8	16.192	14.1	0.0	0.0	0.0	6.0
8	15.4	24.0	20.1	75.2	17.310	15.2	0.0	11.2	11.2	3.8
9	15.0	23.0	19.6	77.0	17.691	15.6	0.0	0.0	0.0	2.8
10	15.0	21.5	19.0	83.0	17.820	15.7	1.1	0.0	1.1	1.0
11	16.2	26.0	19.7	74.6	16.936	14.9	26.6	0.0	26.6	3.6
12	15.5	25.5	19.3	72.6	16.014	13.9	2.1	3.6	5.7	4.9
13	14.6	21.0	17.7	84.2	16.822	14.7	7.8	0.5	8.3	1.3
14	14.3	24.0	18.5	85.3	18.018	15.8	19.7	7.5	27.2	2.2
15	14.5	22.5	18.6	83.9	17.685	15.5	9.1	0.2	9.3	2.1
16	15.3	25.0	19.9	66.5	15.088	13.1	0.0	10.1	10.1	7.4
17	14.0	23.5	18.6	77.8	16.332	14.3	4.0	0.0	4.0	4.8
18	14.5	25.5	19.8	68.2	15.312	13.3	0.0	17.1	17.1	6.4
19	14.5	22.0	17.9	84.5	17.026	14.9	3.9	2.5	6.4	2.4
20	14.5	22.0	18.0	81.7	16.687	14.7	8.3	0.5	8.8	2.1
21	13.6	24.0	19.5	66.9	14.678	12.7	0.0	30.0	30.0	6.8
22	13.5	21.0	17.3	82.1	16.081	14.1	3.3	0.0	3.3	0.7
23	15.0	23.5	19.5	73.2	16.550	14.5	0.0	0.0	0.0	4.0
24	14.4	24.0	19.7	68.2	15.200	13.2	0.0	0.0	0.0	5.3
25	15.3	25.6	20.7	65.7	15.491	13.5	0.0	0.0	0.0	8.7
26	16.3	23.5	19.7	75.6	17.228	15.0	1.0	0.0	1.0	6.2
27	16.0	25.5	18.9	76.1	16.995	14.9	8.0	0.0	8.0	3.8
28	15.5	25.0	19.8	78.5	17.776	15.6	0.1	7.5	7.6	4.8
PROM	14.9	23.8	19.1	76.6	16.705	14.6	98.6	91.4	190.0	120.2

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.982

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	15.2	23.5	19.5	77.1	17.109	14.9	0.1	0.5	0.6	1.5
2	14.6	24.0	19.3	74.9	16.458	14.4	0.6	0.0	0.6	3.1
3	13.5	26.0	20.5	64.6	14.931	12.9	0.0	0.0	0.0	8.7
4	14.6	25.0	18.8	71.3	15.289	13.2	4.3	0.0	4.3	5.4
5	15.0	25.0	20.1	76.7	17.651	15.5	0.0	4.0	4.0	3.9
6	14.6	25.0	19.9	70.1	15.739	13.7	0.0	0.0	0.0	5.3
7	14.5	26.1	20.8	67.1	15.635	13.4	0.0	0.0	0.0	8.9
8	14.5	26.0	20.8	56.8	13.459	11.3	0.2	0.0	0.2	8.8
9	15.5	26.5	20.4	61.4	14.103	12.0	0.0	0.0	0.0	8.2
10	16.5	24.0	18.9	70.1	15.009	13.0	0.3	0.0	0.3	2.6
11	16.5	23.5	19.2	76.2	16.553	14.5	0.0	29.8	29.8	1.5
12	14.5	21.5	17.7	88.4	17.807	15.7	0.9	0.0	0.9	0.3
13	16.5	25.0	19.9	69.4	15.844	13.9	0.0	9.9	9.9	2.1
14	13.5	22.5	18.5	81.6	17.014	14.9	5.8	0.0	5.8	0.5
15	14.5	25.5	17.6	77.6	16.086	14.1	27.0	5.6	32.6	4.5
16	14.5	26.0	20.3	63.2	14.393	12.3	0.0	8.1	8.1	10.0
17	15.0	25.5	19.3	78.4	16.976	14.9	0.0	0.0	0.0	5.9
18	16.0	24.5	18.7	72.0	15.684	13.7	11.2	0.2	11.4	8.0
19	15.0	25.5	20.0	63.4	14.760	12.7	0.3	0.0	0.3	7.1
20	16.0	26.5	20.2	70.2	16.304	14.3	0.0	0.0	0.0	5.7
21	15.0	27.0	21.9	68.7	17.342	15.3	0.0	0.0	0.0	7.4
22	17.5	26.5	21.2	70.7	17.669	15.5	0.4	3.2	3.6	6.4
23	16.5	24.5	19.8	80.0	18.226	16.0	0.9	60.6	61.5	2.2
24	14.5	25.5	19.8	78.6	17.559	15.4	0.0	0.0	0.0	4.7
25	16.5	26.5	20.7	65.7	15.685	13.7	0.0	0.0	0.0	4.9
26	17.0	25.0	20.2	72.4	17.052	14.9	0.0	9.6	9.6	1.5
27	15.0	25.5	19.7	74.1	16.595	14.6	0.0	8.2	8.2	7.5
28	15.5	22.6	19.5	77.1	16.982	14.9	0.0	0.1	0.1	1.8
29	15.1	23.0	18.9	85.1	18.681	16.4	8.3	30.7	39.0	1.4
30	15.0	25.0	19.4	81.5	18.019	15.9	0.0	0.0	0.0	2.1
31	15.0	24.0	19.5	81.0	18.063	15.9	0.8	0.0	0.8	1.8
PROM.	15.3	24.9	19.7	73.1	16.409	14.3	61.1	170.5	231.6	143.7

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	26.0	19.3	73.3	16.433	14.4	3.4	0.0	3.4	4.1
2	15.5	21.5	18.0	87.8	18.063	15.7	8.5	0.0	8.5	0.0
3	16.5	22.0	18.5	87.7	18.662	16.4	0.5	0.0	0.5	1.7
4	14.5	22.0	17.8	83.1	16.884	14.8	1.4	1.7	3.1	0.3
5	14.5	22.5	18.8	84.6	18.128	15.9	0.0	21.7	21.7	0.8
6	15.0	23.0	18.3	85.8	17.867	15.7	3.8	32.8	36.6	0.5
7	15.0	25.0	19.0	75.6	16.255	14.2	0.5	4.8	5.3	4.7
8	15.0	22.0	18.3	78.5	16.494	14.5	5.0	7.8	12.8	0.2
9	14.5	23.0	18.0	80.4	16.327	14.3	0.0	15.2	15.2	1.8
10	14.5	22.5	17.5	82.6	16.463	14.5	0.0	15.0	15.0	0.6
11	14.5	23.2	17.3	83.6	16.622	14.6	14.6	0.8	15.4	2.4
12	14.5	21.0	17.2	88.4	17.280	15.2	6.4	0.0	6.4	1.7
13	15.0	24.5	19.8	75.9	17.130	15.1	0.0	0.0	0.0	6.0
14	16.0	23.6	18.8	70.7	14.959	12.9	6.2	0.0	6.2	2.4
15	16.0	26.5	21.0	67.8	16.285	14.3	0.0	1.9	1.9	8.4
16	16.5	25.1	20.0	81.0	18.460	16.2	0.0	27.8	27.8	2.5
17	14.5	22.0	18.0	84.0	17.053	15.0	0.0	34.0	34.0	1.4
18	15.0	24.0	19.0	83.4	18.092	15.9	5.0	1.2	6.2	2.1
19	15.3	25.0	19.0	83.2	18.192	16.0	3.7	0.0	3.7	4.1
20	15.3	22.0	19.4	83.9	18.521	16.3	0.0	3.5	3.5	2.4
21	16.0	22.0	18.7	91.1	19.666	17.2	0.0	0.0	0.0	0.4
22	15.5	26.0	20.0	71.5	16.739	14.7	6.6	41.1	47.7	8.7
23	14.5	23.0	18.8	80.1	16.886	14.8	0.0	1.8	1.8	3.1
24	15.0	26.0	20.6	74.2	17.373	15.3	0.0	0.0	0.0	7.1
25	16.5	26.0	21.3	65.9	16.583	14.5	0.0	0.0	0.0	5.2
26	15.5	24.0	19.8	89.6	20.667	18.0	0.0	0.9	0.9	0.0
27	16.0	22.5	19.9	85.8	19.786	17.4	0.0	0.0	0.0	0.2
28	16.0	19.0	17.5	95.7	19.028	16.7	13.1	3.7	16.8	0.0
29	14.0	25.0	19.4	76.1	16.605	14.6	0.0	30.7	30.7	5.1
30	13.5	24.0	18.7	79.3	17.195	15.1	0.0	34.0	34.0	6.2
PROM	15.2	23.5	18.9	81.0	17.490	15.3	78.7	280.4	359.1	84.1

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.982

ALTITUD: 1.600 LATITUD: 5-56 N. LONGITUD: 75-43 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.0	25.0	18.5	81.2	16.968	14.9	0.0	63.0	63.0	7.4
2	14.5	23.5	18.0	85.8	17.565	15.4	1.2	2.8	4.0	3.1
3	15.0	25.0	20.0	75.9	17.301	15.2	10.1	23.8	33.9	6.6
4	15.0	24.5	19.4	77.1	17.084	15.0	0.0	1.4	1.4	5.6
5	15.0	25.0	20.2	77.9	18.148	15.9	0.0	0.0	0.0	6.8
6	15.7	22.5	19.2	87.3	19.504	17.0	6.1	9.0	15.1	1.0
7	15.5	25.0	20.2	86.6	20.293	17.7	0.0	43.0	43.0	3.2
8	15.0	21.3	18.0	94.0	19.299	16.9	2.0	10.4	12.4	0.7
9	14.6	23.4	18.5	84.9	18.193	16.0	6.5	18.9	25.4	2.8
10	15.2	21.4	18.1	88.1	18.122	15.9	0.6	0.0	0.6	1.1
11	15.0	25.5	19.7	73.6	16.874	14.8	4.0	0.0	4.0	8.7
12	15.6	26.0	20.5	70.6	16.774	14.6	5.9	0.0	5.9	7.3
13	16.5	23.3	18.7	93.3	19.901	17.4	1.7	0.2	1.9	2.7
14	16.0	23.1	18.7	86.5	18.719	16.5	2.1	0.0	2.1	1.7
15	16.5	23.5	18.4	90.2	19.485	17.1	38.7	1.4	40.1	0.9
16	14.5	23.0	18.8	80.8	17.210	15.2	0.0	0.0	0.0	5.0
17	16.5	24.5	19.2	80.1	17.952	15.8	18.1	42.2	60.3	5.0
18	14.5	23.3	19.4	83.6	18.557	16.3	0.1	39.8	39.9	4.5
19	14.3	23.0	17.5	89.6	18.342	16.1	1.1	39.6	40.7	2.7
20	15.0	23.5	18.8	87.9	19.233	16.9	5.6	13.1	18.7	3.9
21	14.5	22.0	17.6	91.4	18.450	16.2	7.1	24.1	31.2	0.8
22	14.5	22.0	17.3	87.2	17.286	15.2	6.7	5.2	11.9	3.6
23	14.3	24.0	16.9	87.9	17.638	15.5	37.5	0.8	38.3	2.9
24	13.5	23.5	18.8	82.3	17.832	15.7	0.2	20.1	20.3	5.3
25	15.0	23.0	18.8	78.9	16.681	14.6	0.0	16.0	16.0	2.3
26	14.5	22.0	18.2	90.9	19.032	16.7	4.6	34.1	38.7	0.7
27	14.0	23.5	19.4	79.5	17.654	15.5	0.0	0.0	0.0	3.5
28	15.5	24.0	19.5	80.9	18.530	16.3	1.1	0.0	1.1	5.2
29	15.0	24.5	18.8	82.2	18.041	15.9	10.0	6.2	16.2	4.9
30	14.2	24.0	19.1	86.3	18.728	16.4	1.7	2.3	4.0	3.6
31	15.1	24.0	19.5	83.6	19.335	17.0	0.0	0.0	0.0	5.1
PROM.	14.9	23.6	18.8	84.1	18.217	16.0	172.7	417.4	590.1	118.6

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.0	20.3	82.3	19.167	16.8	0.0	0.0	0.0	4.4
2	16.5	25.5	21.0	72.4	17.680	15.6	0.0	0.0	0.0	4.0
3	16.7	25.0	21.3	75.0	18.685	16.4	0.1	0.0	0.1	4.5
4	17.0	24.3	19.7	85.7	19.711	17.2	0.0	8.8	8.8	3.8
5	15.0	24.5	19.6	85.0	19.309	16.9	9.7	10.4	20.1	4.9
6	14.5	25.0	19.4	86.5	19.254	16.9	0.0	0.0	0.0	5.7
7	16.3	25.0	20.1	84.3	19.807	17.3	0.4	6.2	6.6	4.0
8	12.7	23.5	19.4	82.9	18.242	16.0	0.3	0.0	0.3	6.2
9	15.5	23.0	18.2	89.0	19.463	17.0	3.0	17.0	20.0	3.8
10	15.0	24.3	19.5	80.1	17.601	15.5	0.0	0.0	0.0	5.7
11	16.0	23.0	18.5	91.6	20.206	17.6	19.3	6.7	26.0	3.9
12	15.0	23.0	19.8	78.1	17.716	15.6	0.0	0.0	0.0	4.6
13	15.5	25.5	20.8	68.8	16.854	14.8	0.0	5.8	5.8	9.4
14	14.5	23.8	20.2	76.0	17.554	15.4	0.0	0.4	0.4	6.8
15	14.7	25.0	20.6	74.5	17.564	15.5	1.8	0.0	1.8	7.9
16	15.7	25.3	21.2	74.5	18.410	16.2	0.0	0.0	0.0	8.6
17	16.1	24.5	20.4	77.0	18.267	16.0	0.0	0.0	0.0	6.3
18	15.7	23.3	19.9	76.6	17.663	15.6	0.1	0.0	0.1	0.9
19	15.5	25.0	20.5	71.4	17.463	15.2	0.6	2.6	3.2	6.9
20	14.0	23.5	19.8	85.1	19.267	16.9	0.0	1.3	1.3	3.4
21	16.0	25.0	20.7	73.5	17.509	15.4	0.0	3.3	3.3	8.3
22	14.5	24.5	19.7	68.9	15.593	13.6	0.0	0.0	0.0	8.9
23	16.0	25.0	21.4	56.1	14.312	12.2	0.0	0.0	0.0	7.0
24	16.0	22.5	19.8	87.1	20.138	17.6	0.0	0.0	0.0	0.0
25	14.5	25.2	21.3	70.1	17.210	15.1	0.0	0.0	0.0	9.2
26	17.0	25.6	21.9	70.6	18.425	16.2	0.0	0.0	0.0	9.4
27	17.0	25.6	22.1	73.8	19.567	17.1	0.0	0.0	0.0	7.8
28	16.6	27.0	22.3	61.0	15.803	13.5	0.0	0.0	0.0	10.1
29	16.5	25.5	22.8	53.0	14.217	12.1	0.0	0.0	0.0	5.5
30	17.0	27.0	22.5	56.2	14.876	12.6	0.0	0.0	0.0	9.0
PROM	15.6	24.7	20.5	75.6	17.918	15.7	35.3	62.5	97.8	180.9

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.982

ALTITUD: 1.600 LATITUD: 5-56 N. LONGITUD: 75-43 W.

M E S - JULIO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	26.2	22.3	57.2	15.153	13.2	0.0	0.0	0.0	10.3
2	17.0	26.5	22.7	59.0	16.020	13.9	0.0	0.0	0.0	5.8
3	16.4	26.0	21.8	68.7	17.676	15.6	0.0	0.0	0.0	9.0
4	15.5	24.5	19.4	80.4	18.350	16.2	0.7	4.1	4.8	7.0
5	14.0	24.5	19.7	79.4	18.155	15.9	0.0	0.0	0.0	7.3
6	15.0	25.5	21.6	68.6	17.323	15.2	0.0	0.2	0.2	8.5
7	15.0	26.5	21.3	64.4	15.595	13.6	0.0	7.1	7.1	9.4
8	15.0	26.0	20.8	69.7	16.746	14.7	0.0	0.0	0.0	9.9
9	14.5	25.6	20.6	73.5	17.648	15.5	1.9	0.0	1.9	7.2
10	15.2	26.5	21.2	69.1	17.019	14.9	0.0	0.0	0.0	7.3
11	16.5	24.5	21.3	71.7	18.128	16.0	0.0	2.0	2.0	5.7
12	14.1	21.5	19.0	88.7	19.284	16.9	0.9	19.9	20.8	2.5
13	14.0	24.8	20.2	72.8	16.301	14.3	0.0	0.0	0.0	8.0
14	16.4	27.1	23.3	53.4	14.834	12.4	0.0	0.0	0.0	10.3
15	16.5	26.9	23.0	49.4	13.433	11.3	0.0	0.0	0.0	10.8
16	17.5	26.5	22.2	60.0	16.304	14.2	0.0	0.0	0.0	7.3
17	17.0	26.5	22.8	54.4	14.626	12.6	0.0	0.0	0.0	9.9
18	17.5	25.5	21.8	63.8	16.638	14.6	0.0	0.0	0.0	3.8
19	16.0	25.0	20.9	74.2	17.885	15.5	0.0	0.0	0.0	0.2
20	16.0	24.0	20.2	75.1	17.781	15.7	0.4	0.0	0.4	3.2
21	15.0	26.5	21.8	64.8	16.004	13.9	0.0	0.0	0.0	10.0
22	16.5	26.6	22.5	61.8	16.395	14.4	0.0	0.0	0.0	9.0
23	15.5	27.5	22.4	52.1	13.784	11.7	0.0	0.0	0.0	9.7
24	16.0	27.5	22.4	55.4	14.613	12.6	0.0	0.0	0.0	10.0
25	17.5	26.5	23.0	60.3	16.537	14.5	0.0	0.0	0.0	8.1
26	16.0	25.0	19.9	77.8	18.471	16.3	0.0	2.3	2.3	4.5
27	14.5	22.5	18.6	84.4	17.840	15.7	0.7	0.1	0.8	3.0
28	14.5	21.4	18.8	85.1	18.328	16.1	0.8	0.0	0.8	2.5
29	15.0	25.0	19.9	72.8	16.725	14.7	0.0	0.0	0.0	5.1
30	15.0	24.5	21.1	66.4	16.115	14.0	0.0	0.0	0.0	5.5
31	15.5	26.2	22.5	55.5	14.468	12.4	0.0	0.0	0.0	8.3
PROM.	15.7	25.5	21.3	67.4	16.586	14.5	5.4	35.7	41.1	219.1

M E S - AGOSTO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	27.0	22.0	61.8	15.832	13.8	0.0	2.9	2.9	9.5
2	14.0	25.4	21.8	66.2	16.175	13.9	0.0	0.7	0.7	8.9
3	15.5	27.0	21.8	58.7	14.374	12.2	0.0	0.0	0.0	9.4
4	16.0	27.6	23.1	47.0	12.460	9.8	0.0	0.0	0.0	10.6
5	16.0	27.0	22.3	52.5	13.747	11.7	0.0	0.4	0.4	10.6
6	16.0	26.0	20.4	67.7	16.302	14.3	0.0	4.0	4.0	7.3
7	14.0	25.5	19.2	78.4	17.017	15.0	0.3	40.6	40.9	5.2
8	13.0	23.5	17.2	83.9	16.413	14.4	2.5	0.0	2.5	4.9
9	14.5	26.0	21.9	61.6	15.378	13.3	0.0	0.0	0.0	11.1
10	16.5	27.0	22.3	61.2	15.996	14.0	0.0	0.0	0.0	9.2
11	17.0	27.0	23.1	45.9	12.555	10.2	0.0	0.0	0.0	8.9
12	17.5	27.0	23.2	50.2	14.035	12.0	0.0	0.0	0.0	10.0
13	17.0	26.0	22.3	60.3	15.827	13.9	0.0	0.0	0.0	9.0
14	17.5	27.5	23.3	59.8	16.561	14.5	0.0	0.0	0.0	8.7
15	16.5	28.0	22.4	63.6	16.407	14.3	0.0	0.0	0.0	8.4
16	14.4	27.0	21.4	66.1	15.358	13.3	0.0	2.7	2.7	9.0
17	14.5	28.0	23.3	52.8	14.496	12.3	0.0	0.0	0.0	9.8
18	17.5	27.5	22.9	50.9	13.788	11.7	0.0	0.0	0.0	7.3
19	17.5	28.0	23.5	50.5	14.233	12.1	0.0	0.0	0.0	6.7
20	17.5	26.5	22.3	60.2	16.014	14.0	0.0	0.0	0.0	0.7
21	17.0	27.5	21.8	62.0	15.851	13.9	0.0	0.0	0.0	4.7
22	16.5	28.5	23.4	47.6	12.850	10.5	0.0	0.0	0.0	11.1
23	17.0	26.5	22.7	54.1	14.554	12.6	0.0	0.0	0.0	3.8
24	18.0	28.5	23.4	54.0	14.846	12.8	0.0	0.0	0.0	7.1
25	17.0	28.5	23.6	42.7	11.665	9.0	0.0	0.0	0.0	5.5
26	16.5	27.1	22.9	58.0	15.486	13.4	0.0	0.0	0.0	6.4
27	17.5	27.0	23.0	60.8	16.478	14.3	0.0	0.0	0.0	0.5
28	18.0	28.0	23.8	44.9	12.684	10.3	0.0	0.0	0.0	1.8
29	18.5	28.8	22.8	57.5	15.950	13.9	0.0	0.0	0.0	7.1
30	17.0	28.0	22.2	65.4	17.026	14.9	0.0	0.0	0.0	6.9
31	16.0	26.5	21.0	70.6	17.485	15.4	0.0	0.0	0.0	5.6
PROM	16.4	27.1	22.3	58.6	15.092	13.0	2.8	51.3	54.1	225.7

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.982

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	27.5	23.1	57.2	15.212	12.9	0.0	0.0	0.0	7.2
2	18.0	29.0	23.8	53.7	15.351	13.2	0.0	0.0	0.0	7.0
3	17.5	28.2	22.4	63.4	16.690	14.7	0.0	0.0	0.0	8.3
4	16.7	27.0	21.0	67.3	15.963	13.5	1.4	0.0	1.4	4.0
5	15.4	27.1	22.7	63.7	16.505	14.3	0.0	0.0	0.0	8.3
6	16.4	26.5	22.7	43.6	11.714	9.2	0.0	0.0	0.0	3.4
7	16.6	28.5	23.2	45.7	12.549	10.4	0.0	0.0	0.0	6.6
8	17.5	28.0	22.8	59.9	16.484	14.4	0.3	0.0	0.3	3.1
9	17.8	26.0	20.2	74.7	18.054	15.9	1.5	0.0	1.5	2.4
10	15.0	26.5	21.0	69.3	16.566	14.4	5.7	8.1	13.8	2.8
11	14.5	24.2	18.4	75.3	15.735	13.7	4.4	0.9	5.3	2.2
12	15.2	26.5	21.6	70.4	17.163	15.0	0.0	12.2	12.2	6.0
13	13.4	26.2	19.9	75.5	17.041	15.0	0.0	9.8	9.8	5.9
14	14.5	24.5	20.6	70.9	16.410	14.4	0.0	0.0	0.0	3.6
15	15.5	23.2	19.5	85.0	19.294	16.9	5.8	0.0	5.8	1.8
16	15.0	24.0	19.0	86.3	18.920	16.6	4.4	25.6	30.0	1.5
17	13.8	21.0	17.4	91.5	18.370	16.2	16.9	0.0	16.9	0.2
18	15.0	25.5	20.0	75.7	17.340	15.3	0.0	0.0	0.0	5.6
19	15.5	21.0	18.0	95.0	19.985	17.4	9.9	0.0	9.9	0.7
20	14.2	24.8	19.9	76.6	17.598	15.5	0.0	20.0	20.0	0.6
21	15.5	25.6	21.2	66.1	15.852	13.6	0.0	0.0	0.0	7.9
22	15.6	27.4	22.3	55.6	14.223	12.2	0.0	0.0	0.0	8.0
23	17.0	26.3	22.1	55.3	14.377	12.3	0.0	12.0	12.0	5.2
24	14.0	23.3	18.2	85.5	17.922	15.8	1.9	5.1	7.0	1.3
25	14.0	20.3	17.4	94.0	18.986	16.6	21.2	2.8	24.0	0.2
26	14.5	24.5	19.4	71.4	15.571	13.6	0.0	0.0	0.0	1.2
27	16.2	26.8	20.3	67.8	16.298	14.3	0.7	1.4	2.1	7.3
28	13.8	23.6	19.1	82.0	18.092	15.9	0.3	0.0	0.3	5.3
29	15.2	24.0	18.8	79.7	17.544	15.4	10.2	0.0	10.2	2.4
30	15.0	23.4	19.9	78.2	18.129	15.9	0.0	2.4	2.4	2.5
PROM.	15.5	25.3	20.5	71.2	16.665	14.5	84.6	100.3	184.9	122.5

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	14.0	19.0	17.4	95.6	18.981	16.7	1.3	0.0	1.3	0.0
2	14.0	24.6	18.3	82.2	17.264	15.1	5.5	33.7	39.2	7.1
3	13.0	21.3	17.8	86.1	17.299	15.2	3.1	0.1	3.2	0.9
4	14.2	23.2	18.1	86.5	17.998	15.8	16.3	0.6	16.9	3.3
5	14.5	23.5	19.4	76.3	16.586	14.5	0.3	0.0	0.3	4.1
6	14.8	24.4	20.4	72.8	17.751	15.6	0.0	11.2	11.2	4.4
7	15.4	22.2	17.6	90.9	18.727	16.5	4.6	9.2	13.8	0.4
8	14.0	22.4	18.4	84.8	17.956	15.8	23.0	0.0	23.0	1.7
9	14.8	22.2	18.6	86.7	18.396	16.2	1.6	2.5	4.1	2.7
10	14.6	24.0	19.3	71.8	15.781	13.7	0.0	0.0	0.0	3.4
11	14.8	26.0	21.4	67.8	16.488	14.4	0.0	51.4	51.4	8.9
12	13.6	22.4	17.9	81.3	16.435	14.4	2.1	0.0	2.1	2.7
13	15.4	23.8	20.6	72.4	17.292	15.2	0.0	0.0	0.0	5.6
14	16.5	24.8	19.8	75.4	17.649	15.5	0.0	9.2	9.2	3.9
15	13.6	24.5	19.7	79.1	17.526	15.3	0.0	0.4	0.4	4.4
16	14.6	22.5	18.9	84.8	18.307	16.1	0.0	3.6	3.6	2.5
17	14.4	22.0	17.6	86.1	17.641	15.5	6.9	0.0	6.9	1.9
18	14.4	25.4	19.7	70.1	15.659	13.6	0.5	0.1	0.6	5.7
19	15.4	25.0	19.7	76.3	17.296	15.2	0.0	27.9	27.9	7.5
20	13.8	23.2	18.9	77.4	16.421	14.4	0.0	22.7	22.7	2.9
21	14.8	23.5	19.1	90.8	19.898	17.4	0.0	10.0	10.0	4.7
22	14.8	23.4	18.7	82.8	17.854	15.7	2.8	1.9	4.7	4.1
23	14.8	22.4	18.5	87.4	18.577	16.3	1.7	1.0	2.7	0.6
24	15.2	23.6	19.5	81.7	18.551	16.3	1.1	56.9	58.0	4.2
25	13.6	22.8	18.6	81.2	17.255	15.2	2.2	39.5	41.7	1.7
26	14.2	21.2	17.9	90.2	18.588	16.3	0.7	0.0	0.7	0.8
27	14.4	21.5	18.3	90.2	19.186	16.8	2.9	0.7	3.6	2.8
28	14.5	23.8	19.0	75.3	16.793	14.7	9.0	0.0	9.0	7.3
29	14.8	23.5	19.5	72.3	16.616	14.4	0.0	0.0	0.0	6.4
30	15.0	25.0	20.1	68.8	16.519	14.4	0.0	0.0	0.0	9.9
31	16.2	24.0	20.3	69.5	16.305	14.2	0.0	0.0	0.0	3.0
PROM	14.6	23.3	19.0	80.5	17.535	15.4	85.6	282.6	368.2	119.5

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.982

ALTITUD: 1.600 LATITUD: 5-56 N. LONGITUD: 75-43 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	22.5	19.1	87.3	19.302	16.9	0.5	12.9	13.4	3.1
2	14.8	24.2	18.1	89.5	18.658	16.4	1.6	33.5	35.1	3.4
3	13.3	23.5	18.5	82.3	17.262	15.2	1.2	0.0	1.2	6.5
4	14.2	22.4	18.8	93.5	20.206	17.6	0.0	0.0	0.0	3.3
5	15.4	23.8	19.9	85.8	19.854	17.4	0.0	0.0	0.0	4.9
6	15.4	22.4	18.5	93.0	19.726	17.2	0.0	0.0	0.0	0.7
7	15.6	24.2	20.3	78.4	18.562	16.3	0.0	0.0	0.0	3.3
8	16.2	26.0	21.3	76.3	18.767	16.5	0.0	0.0	0.0	7.9
9	16.5	26.0	21.9	75.3	19.462	17.0	0.0	0.0	0.0	10.1
10	17.0	25.0	21.0	74.3	18.450	16.2	0.0	0.0	0.0	4.1
11	15.0	23.4	18.6	83.0	17.802	15.7	2.7	4.9	7.6	3.3
12	15.4	22.5	19.5	83.9	18.644	16.4	0.0	6.4	6.4	1.6
13	15.8	25.6	21.3	77.4	19.360	17.0	0.0	0.0	0.0	9.0
14	16.5	25.6	21.8	67.6	17.311	15.3	0.0	0.0	0.0	6.5
15	15.6	24.6	21.7	67.4	17.497	15.3	0.0	0.0	0.0	3.8
16	16.4	23.5	19.7	82.2	18.867	16.6	6.0	0.6	6.6	0.3
17	17.2	22.5	18.6	83.2	18.289	16.0	37.0	0.5	37.5	1.3
18	15.5	22.0	18.5	84.8	17.914	15.7	1.8	0.0	1.8	0.0
19	14.6	25.5	18.3	85.8	18.483	16.2	9.9	20.1	30.0	6.4
20	15.2	18.5	16.3	93.6	17.649	15.5	6.1	2.7	8.8	0.0
21	14.0	21.0	18.7	89.9	19.292	16.9	0.2	0.0	0.2	0.4
22	15.8	24.0	20.4	76.0	17.917	15.7	0.0	7.7	7.7	5.6
23	15.4	23.5	19.9	78.7	17.928	15.8	0.0	0.0	0.0	4.2
24	16.2	24.0	20.5	74.8	17.899	15.7	2.6	0.0	2.6	5.9
25	16.2	22.7	19.5	83.9	19.104	16.8	0.0	0.0	0.0	0.4
26	15.4	24.3	19.8	72.2	16.668	14.5	0.5	0.0	0.5	6.3
27	15.0	24.0	19.4	80.6	17.893	15.6	0.0	39.4	39.4	7.5
28	12.5	22.0	18.2	74.5	15.419	13.4	0.0	0.0	0.0	8.0
29	14.8	22.6	19.4	74.7	16.560	14.5	0.0	0.0	0.0	10.4
30	14.0	25.0	20.4	66.6	15.884	13.8	0.0	0.0	0.0	3.3
PROM.	15.3	23.6	19.6	80.6	18.221	16.0	70.1	128.7	198.8	131.5

M E S - DICIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	24.0	20.3	77.1	18.520	16.3	0.0	0.0	0.0	0.6
2	15.0	23.6	20.3	78.6	18.563	16.2	0.0	0.0	0.0	2.3
3	15.0	25.5	20.8	70.0	16.952	14.9	0.0	0.2	0.2	7.7
4	16.5	21.5	17.9	86.6	17.807	15.6	0.0	0.0	0.0	0.0
5	14.4	22.0	18.3	78.0	16.159	14.2	0.0	0.0	0.0	1.4
6	14.4	24.0	18.5	81.6	17.268	15.2	0.0	0.0	0.0	3.3
7	14.6	24.5	20.2	75.0	17.657	15.5	0.0	15.6	15.6	4.3
8	14.0	22.6	19.1	80.0	17.193	15.1	0.0	82.6	82.6	5.2
9	14.4	21.5	18.3	87.7	18.155	16.0	0.0	0.0	0.0	3.0
10	15.2	23.0	19.0	82.2	18.003	15.8	0.0	0.0	0.0	4.4
11	15.0	23.0	19.3	77.1	16.993	14.9	0.0	0.0	0.0	4.0
12	15.5	22.5	18.4	86.5	18.133	15.9	0.0	0.0	0.0	1.5
13	15.0	23.5	19.7	80.0	18.193	16.0	0.2	0.0	0.2	4.4
14	16.2	25.5	21.8	66.1	16.720	14.7	0.0	0.0	0.0	10.1
15	17.0	25.4	21.1	71.1	17.337	15.2	0.0	0.0	0.0	9.4
16	16.4	24.3	20.6	70.3	16.868	14.8	0.0	4.3	4.3	3.5
17	16.0	22.0	18.0	91.7	19.363	16.9	14.0	16.0	30.0	0.0
18	16.0	21.5	17.3	94.6	18.892	16.6	1.6	0.0	1.6	1.5
19	16.0	24.0	20.8	73.4	17.731	15.6	0.0	0.0	0.0	6.4
20	17.4	25.0	21.0	67.2	16.273	14.3	0.0	0.0	0.0	8.6
21	16.4	25.5	19.1	78.2	17.709	15.6	15.0	74.0	89.0	7.6
22	14.8	24.0	20.3	72.9	17.147	15.0	0.0	0.0	0.0	7.1
23	14.8	25.0	20.2	78.2	18.506	16.2	0.0	0.0	0.0	2.3
24	16.5	22.0	19.6	81.5	18.710	16.4	0.1	1.6	1.7	5.7
25	16.5	24.0	19.4	76.6	17.124	15.0	4.0	0.0	4.0	6.9
26	15.5	25.0	19.9	65.0	14.942	13.0	0.0	4.9	4.9	10.3
27	15.4	24.0	19.1	78.0	17.211	15.1	0.0	0.0	0.0	3.6
28	16.5	22.0	19.6	73.5	16.689	14.6	0.0	0.5	0.5	7.5
29	15.4	24.5	19.2	86.0	18.939	16.7	0.0	0.0	0.0	1.9
30	15.4	25.0	21.4	66.9	16.522	14.5	0.0	0.0	0.0	9.3
31	15.5	26.5	22.1	63.8	16.363	14.3	0.0	0.0	0.0	10.6
PROM	15.6	23.8	19.7	77.3	17.505	15.4	34.9	199.7	234.6	154.4

ESTACION: EL ROSARIO MUNICIPIO VENECIA AÑO: 1.982

ALTITUD: 1.600 LATITUD: 5-56 N. LONGITUD: 75-43 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	14.4	23.3	18.7	12.5	26.0	75.3	15.871	13.8	218.9	17	187.0
FEBRERO	14.9	23.8	19.1	13.5	26.0	76.6	16.705	14.6	190.0	20	120.2
MARZO	15.3	24.9	19.7	13.5	27.0	73.1	16.409	14.3	231.6	21	143.7
ABRIL	15.2	23.5	18.9	13.5	26.5	81.0	17.490	15.3	359.1	25	84.1
MAYO	14.9	23.6	18.8	13.0	26.0	84.1	18.217	16.0	590.1	27	118.6
JUNIO	15.6	24.7	20.5	12.7	27.0	75.6	17.918	15.7	97.8	14	180.9
JULIO	15.7	25.5	21.3	14.0	27.5	67.4	16.586	14.5	41.1	10	219.1
AGOSTO	16.4	27.1	22.3	13.0	28.8	58.6	15.092	13.0	54.1	7	225.7
SEPTIEMBRE	15.5	25.3	20.5	13.4	29.0	71.2	16.665	14.5	184.9	19	122.5
OCTUBRE	14.6	23.3	19.0	13.0	26.0	80.5	17.535	15.4	368.2	26	119.5
NOVIEMBRE	15.3	23.6	19.6	12.5	26.0	80.6	18.221	16.0	198.4	15	131.5
DICIEMBRE	15.6	23.8	19.7	14.0	26.5	77.3	17.505	15.4	234.6	12	154.4
PROMEDIO	15.3	24.4	19.8	13.2	26.9	75.1	17.018	14.9			
TOTAL									2769.2	213	1807.2

ESTACION: MIGUEL VALENCIA MUNICIPIO: JARDIN AÑO: 1.982

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

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.1	23.6	19.2	88.8	19.595	17.2	0.0	13.0	13.0	1.4
2	13.1	24.0	18.0	85.0	17.343	15.2	28.9	0.3	29.2	2.3
3	14.0	24.4	18.6	86.4	18.233	16.0	2.9	24.4	27.3	1.9
4	15.0	22.2	18.0	88.0	18.108	15.9	0.0	8.0	8.0	1.0
5	15.4	22.0	17.1	95.8	18.639	16.4	5.4	5.6	11.0	2.1
6	15.4	25.3	18.1	85.4	17.483	15.3	8.1	21.7	29.8	5.5
7	15.4	25.1	18.2	85.4	17.747	15.6	3.5	10.8	14.3	4.3
8	14.4	24.1	18.2	83.9	17.221	15.1	0.0	3.0	3.0	5.2
9	16.1	22.1	18.2	89.1	18.640	16.4	1.0	0.0	1.0	0.0
10	13.7	26.0	18.2	82.7	16.807	14.7	1.7	4.5	6.2	6.6
11	16.1	24.5	18.5	86.8	18.408	16.2	0.0	0.0	0.0	3.8
12	14.1	26.0	18.4	81.3	16.939	14.9	0.0	5.3	5.3	8.8
13	13.1	25.6	18.7	80.9	16.961	14.9	0.0	0.0	0.0	8.1
14	14.1	26.3	18.6	76.7	16.270	14.2	2.5	1.6	4.1	8.7
15	13.6	26.3	18.3	79.4	16.603	14.6	0.0	0.0	0.0	8.5
16	16.1	24.0	19.1	82.6	18.128	15.9	0.0	0.0	0.0	6.0
17	16.0	25.0	19.7	80.8	18.496	16.2	0.0	0.0	0.0	7.3
18	12.6	26.3	18.9	82.2	17.269	15.1	0.0	0.0	0.0	4.5
19	12.0	26.4	17.6	77.5	14.844	12.7	0.0	0.0	0.0	9.5
20	12.0	26.0	18.3	79.0	15.901	13.8	0.0	0.0	0.0	9.0
21	14.4	26.3	18.8	81.4	17.134	15.0	0.0	0.0	0.0	9.0
22	15.0	26.1	19.0	79.6	17.094	15.0	0.0	0.0	0.0	7.5
23	15.0	26.2	18.7	82.5	17.550	15.4	0.0	0.0	0.0	8.7
24	15.3	26.1	19.5	83.0	18.603	16.3	0.0	4.0	4.0	7.5
25	15.0	20.5	16.1	92.0	17.022	15.0	0.1	0.0	0.1	0.5
26	12.7	23.1	17.1	84.1	16.427	14.4	1.6	0.0	1.6	4.5
27	13.6	21.0	17.2	92.3	18.007	15.8	12.0	0.1	12.1	1.1
28	15.3	23.0	18.5	84.6	17.793	15.6	0.2	3.0	3.2	1.5
29	14.7	24.1	18.5	85.1	17.831	15.7	0.3	2.3	2.6	4.2
30	14.1	25.0	19.3	83.9	18.125	15.8	0.2	0.0	0.2	4.9
31	15.3	24.0	18.2	96.7	19.749	17.3	4.3	0.0	4.3	0.6
PROM.	14.5	24.5	18.3	84.6	17.580	15.4	72.7	107.6	180.3	154.5

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	25.1	18.5	81.5	17.036	14.9	0.0	0.2	0.2	5.8
2	15.1	24.1	18.2	78.4	16.409	14.3	0.0	0.0	0.0	2.1
3	15.1	26.1	20.2	77.9	17.894	15.7	1.7	1.1	2.8	6.7
4	15.1	25.0	19.3	84.5	18.826	16.5	0.0	5.5	5.5	4.4
5	15.1	24.6	18.6	85.0	17.871	15.6	0.0	0.0	0.0	1.4
6	15.6	22.0	18.2	88.3	18.396	16.2	0.5	0.3	0.8	0.5
7	15.0	25.2	18.9	88.0	19.309	17.0	0.0	0.3	0.3	6.4
8	15.4	25.5	18.8	84.4	18.141	15.9	0.0	0.0	0.0	1.5
9	15.2	24.6	20.2	84.6	19.700	17.2	0.0	15.9	15.9	1.3
10	16.4	22.4	19.7	89.2	20.218	17.6	0.5	10.3	10.8	1.7
11	16.1	27.0	20.1	83.9	19.369	17.0	0.0	0.0	0.0	3.8
12	16.0	24.3	19.3	93.2	20.553	17.9	3.7	0.4	4.1	3.2
13	16.3	25.0	20.5	80.6	18.888	16.6	0.1	1.5	1.6	2.7
14	16.2	26.2	19.6	85.4	19.284	16.9	6.7	7.1	13.8	3.2
15	16.4	25.2	20.0	79.0	18.098	15.9	0.0	0.2	0.2	2.6
16	15.0	26.1	18.6	81.9	17.188	15.1	0.0	16.4	16.4	7.7
17	15.1	25.4	19.7	77.6	17.359	15.3	0.0	0.0	0.0	6.4
18	14.1	26.0	19.4	76.6	16.468	14.4	0.0	0.0	0.0	6.7
19	16.0	22.1	18.6	86.7	18.375	16.1	0.0	0.0	0.0	0.0
20	16.4	26.2	19.1	83.3	18.259	16.1	0.0	0.0	0.0	0.0
21	15.9	26.6	19.5	77.2	16.873	14.7	0.0	0.0	0.0	2.5
22	15.7	22.4	18.6	92.9	19.791	17.3	0.5	0.0	0.5	
23	14.4	25.5	20.3	81.7	18.763	16.3	0.0	0.0	0.0	
24	15.0	26.0	19.7	80.7	18.034	15.8	0.0	0.0	0.0	
25	15.8	27.4	21.8	70.3	17.570	15.5	0.0	0.0	0.0	7.1
26	17.1	25.6	20.6	82.4	19.426	17.0	0.0	0.0	0.0	2.9
27	16.3	26.1	21.1	78.4	19.173	16.8	0.0	0.0	0.0	4.1
28	16.3	27.0	21.7	74.4	18.370	16.1	0.0	16.3	16.3	5.4
PROM	15.6	25.2	19.6	82.4	18.416	16.1	13.7	75.5	89.2	

ESTACION: MIGUEL VALENCIA MUNICIPIO: JARDIN AÑO: 1.982

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	16.4	24.0	18.4	88.2	18.910	16.6	1.1	0.0	1.1	2.0
2	16.3	28.0	20.3	81.4	18.928	16.6	1.8	19.2	21.0	6.2
3	16.3	28.0	20.7	77.7	18.384	16.2	0.0	0.0	0.0	9.8
4	16.7	24.2	18.9	86.5	18.840	16.5	4.8	0.0	4.8	2.8
5	14.4	27.1	18.4	84.3	17.618	15.4	0.6	2.0	2.6	5.9
6	16.4	27.1	18.6	85.9	18.581	16.4	1.5	7.2	8.7	4.8
7	14.8	27.5	20.0	75.7	16.868	14.7	0.0	0.0	0.0	9.4
8	15.2	26.8	19.9	71.8	16.100	14.1	0.0	0.0	0.0	8.8
9	14.4	27.0	21.2	74.6	17.702	15.4	0.0	0.0	0.0	7.2
10	14.4	24.0	17.7	85.8	17.302	15.2	0.0	0.0	0.0	3.4
11	15.3	22.3	19.0	92.1	19.780	17.3	1.1	0.0	1.1	1.2
12	16.0	23.0	18.7	91.5	19.499	17.1	0.6	0.0	0.6	0.9
13	16.4	25.1	18.8	83.1	18.089	15.9	8.3	10.3	18.6	2.1
14	16.0	24.5	19.2	86.8	18.978	16.6	0.0	0.0	0.0	0.7
15	16.2	26.2	19.7	83.0	18.744	16.4	1.9	0.0	1.9	3.4
16	15.3	27.3	19.4	81.1	17.914	15.7	0.0	7.4	7.4	9.2
17	16.0	25.3	19.1	83.2	18.144	15.9	0.0	0.0	0.0	5.9
18	16.2	26.1	19.1	81.0	17.733	15.5	0.0	0.0	0.0	6.3
19	15.1	25.9	20.1	80.4	18.415	16.2	6.7	0.0	6.7	3.5
20	15.4	26.3	20.4	82.9	19.360	16.9	0.0	0.0	0.0	5.9
21	15.0	27.3	19.2	82.2	18.047	15.9	6.4	0.0	6.4	6.3
22	16.4	27.0	20.4	81.6	19.225	16.8	9.0	6.0	15.0	4.3
23	17.1	27.0	20.8	79.6	19.303	16.9	0.0	5.0	5.0	3.9
24	15.1	25.4	19.3	81.9	18.178	16.0	0.0	1.1	1.1	4.4
25	16.0	26.4	20.6	78.3	18.694	16.4	1.3	1.8	3.1	6.8
26	17.1	24.3	19.8	82.9	18.979	16.6	4.4	0.5	4.9	1.0
27	14.1	25.0	20.8	76.7	17.895	15.8	0.0	6.5	6.5	4.7
28	14.5	24.6	19.0	91.1	19.943	17.4	4.3	8.0	12.3	4.0
29	16.0	24.5	19.5	85.6	19.242	16.9	2.0	5.0	7.0	1.0
30	15.2	25.0	19.1	84.9	18.515	16.2	0.0	0.0	0.0	2.6
31	15.4	25.6	20.5	82.2	19.252	16.8	0.0	0.0	0.0	3.5
PROM.	15.6	25.7	19.6	82.7	18.489	16.2	55.8	80.0	135.8	141.9

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	17.1	25.3	20.1	86.2	20.218	17.7	1.2	0.0	1.2	1.4
2	17.1	24.1	18.9	90.9	19.905	17.5	8.2	0.0	8.2	0.0
3	17.3	25.1	18.4	97.4	20.908	18.2	2.3	0.0	2.3	2.5
4	16.4	23.0	18.4	88.1	18.870	16.6	3.5	0.0	3.5	0.3
5	14.4	25.4	19.5	83.6	18.469	16.1	2.0	5.5	7.5	5.5
6	16.0	24.1	19.3	84.9	18.769	16.4	0.0	4.5	4.5	1.9
7	15.6	26.3	20.5	83.4	19.538	17.0	0.0	3.5	3.5	6.8
8	17.0	24.4	19.0	83.3	18.098	15.9	0.0	5.5	5.5	2.3
9	15.2	25.0	20.3	79.9	18.277	16.1	0.0	5.5	5.5	3.1
10	15.4	24.2	19.8	83.9	18.914	16.6	1.0	3.4	4.4	3.2
11	14.4	24.3	18.7	86.2	18.652	16.4	6.5	3.0	9.5	4.8
12	16.0	23.8	18.1	88.3	18.277	16.1	0.0	1.5	1.5	3.8
13	13.1	24.7	17.9	84.2	16.946	14.9	0.0	0.0	0.0	6.6
14	14.0	24.3	18.9	84.9	18.373	16.2	0.0	0.0	0.0	4.2
15	14.5	25.4	20.4	77.0	17.952	15.7	0.0	0.0	0.0	10.0
16	17.4	27.1	21.0	73.5	17.936	15.8	0.0	20.5	20.5	6.0
17	16.2	25.0	19.1	85.5	18.705	16.4	5.1	0.0	5.1	3.3
18	14.8	26.0	19.0	81.8	17.598	15.5	0.0	7.0	7.0	5.0
19	13.1	26.1	20.0	78.0	17.493	15.3	0.0	12.2	12.2	6.5
20	17.2	26.0	20.0	84.4	19.625	17.2	0.8	2.1	2.9	4.7
21	16.4	23.1	19.4	85.7	19.080	16.7	0.4	0.0	0.4	0.0
22	14.8	28.4	20.9	75.7	18.070	15.8	0.0	13.9	13.9	7.6
23	15.8	26.0	20.6	81.8	19.400	17.0	0.8	17.9	18.7	3.5
24	16.4	28.0	21.7	79.1	19.913	17.4	0.0	0.0	0.0	6.3
25	17.4	27.8	22.2	70.6	18.339	16.1	0.0	0.0	0.0	8.5
26	17.0	24.1	19.2	84.1	18.871	16.6	0.0	0.0	0.0	1.0
27	16.2	26.4	20.0	86.6	20.087	17.6	0.0	55.3	55.3	3.2
28	15.4	20.3	17.3	97.5	19.339	16.9	14.9	0.3	15.2	0.0
29	16.1	25.4	19.2	84.2	18.588	16.3	0.0	5.0	5.0	2.7
30	15.4	25.4	18.7	82.8	17.644	15.5	1.4	27.7	29.1	5.9
PROM	15.8	25.2	19.6	83.8	18.762	16.5	48.1	194.3	242.4	120.6

ESTACION: MIGUEL VALENCIA MUNICIPIO: JARDIN AÑO: 1.982

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.7	26.0	19.3	82.0	18.027	15.8	2.3	0.0	2.3	4.6
2	16.4	26.1	18.9	83.5	18.183	16.0	3.7	0.0	3.7	3.1
3	15.4	25.6	19.2	86.1	19.037	16.7	0.8	7.4	8.2	4.0
4	16.5	26.2	19.4	82.9	18.405	16.1	0.0	7.4	7.4	3.4
5	15.8	25.6	19.5	83.9	18.750	16.5	1.2	0.0	1.2	5.2
6	16.4	27.0	21.0	79.4	19.115	16.7	1.5	0.9	2.4	4.8
7	17.3	26.0	20.3	84.0	20.102	17.6	0.0	9.4	9.4	3.9
8	17.0	23.1	18.6	81.5	17.430	15.1	0.0	3.1	3.1	1.1
9	16.5	24.4	18.8	83.9	18.304	16.1	5.7	20.5	26.2	1.5
10	16.5	24.1	18.7	84.2	18.070	15.9	0.3	0.0	0.3	2.7
11	14.5	27.3	19.7	79.5	18.069	15.8	0.0	0.6	0.6	8.8
12	14.8	25.6	19.7	83.1	18.883	16.6	0.0	0.0	0.0	5.8
13	16.2	23.1	19.3	87.3	19.622	17.2	0.5	0.0	0.5	0.9
14	15.6	25.1	18.9	83.9	18.255	16.1	4.4	0.0	4.4	3.2
15	15.0	19.3	17.9	96.4	19.790	17.3	6.7	0.0	6.7	1.8
16	15.1	24.1	18.6	91.9	19.865	17.4	1.3	0.0	1.3	5.0
17	15.3	25.0	19.7	83.7	18.980	16.6	0.0	15.0	15.0	4.2
18	15.6	26.0	20.1	82.5	18.896	16.5	3.3	0.1	3.4	2.9
19	16.3	25.0	20.0	83.2	19.037	16.6	1.9	1.5	3.4	3.5
20	16.3	24.4	19.6	84.7	18.993	16.7	3.0	37.0	40.0	5.7
21	16.4	24.0	19.0	82.4	17.759	15.5	4.7	11.3	16.0	1.5
22	16.2	23.2	18.7	91.1	19.501	17.1	2.5	4.1	6.6	0.2
23	15.7	26.1	20.5	80.1	18.722	16.4	2.0	0.0	2.0	4.0
24	15.4	26.1	20.0	82.3	18.792	16.4	1.0	4.5	5.5	6.0
25	16.2	24.3	20.0	84.8	19.395	17.0	0.3	0.0	0.3	2.5
26	15.4	24.0	18.4	92.3	19.789	17.3	14.3	2.0	16.3	2.1
27	15.1	25.0	19.2	84.2	18.371	16.1	1.1	0.0	1.1	4.4
28	14.4	25.0	19.9	83.7	19.181	16.8	0.0	0.0	0.0	3.9
29	15.1	24.4	19.1	84.7	18.470	16.3	0.0	0.0	0.0	3.6
30	16.1	25.1	18.8	87.4	19.222	16.9	4.4	3.6	8.0	3.7
31	16.0	25.1	19.1	87.6	19.755	17.3	6.8	0.0	6.8	4.5
PROM.	15.8	24.9	19.4	84.8	18.864	16.5	73.7	128.4	202.1	112.5

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	25.1	20.0	83.9	19.470	17.1	0.0	0.0	0.0	4.7
2	14.3	26.3	19.8	83.0	18.835	16.5	0.0	0.0	0.0	6.1
3	15.1	26.4	20.6	82.7	19.638	17.1	0.5	0.0	0.5	5.4
4	15.3	25.3	18.4	86.2	18.571	16.3	14.0	0.0	14.0	3.5
5	14.5	25.0	18.8	82.6	17.972	15.8	16.9	13.0	29.9	3.5
6	15.1	24.3	19.2	84.1	18.258	15.9	0.0	0.0	0.0	5.2
7	16.1	25.0	22.1	75.0	18.843	16.6	0.4	0.6	1.0	6.5
8	15.0	25.6	20.5	79.6	18.239	15.7	0.0	0.0	0.0	6.5
9	15.3	25.1	20.6	82.0	19.593	17.1	1.1	20.9	22.0	3.8
10	15.4	25.6	20.3	80.9	18.605	16.3	0.0	0.0	0.0	4.5
11	16.0	25.1	19.2	83.7	18.519	16.2	8.5	0.0	8.5	6.5
12	14.1	23.3	19.4	83.5	18.300	16.1	2.0	0.0	2.0	5.3
13	16.0	26.0	20.1	74.8	17.354	15.2	5.2	5.5	10.7	6.5
14	14.5	26.3	18.2	79.4	16.251	14.2	17.9	0.7	18.6	2.4
15	15.3	26.2	19.9	81.0	18.451	16.2	0.0	0.0	0.0	5.3
16	14.5	25.4	19.7	84.5	19.362	17.0	0.0	0.0	0.0	7.0
17	16.0	24.8	18.8	86.3	18.590	16.3	0.0	0.0	0.0	4.3
18	15.0	24.4	18.9	81.7	17.795	15.6	10.2	0.0	10.2	2.2
19	13.1	26.2	19.2	80.2	17.093	14.9	0.0	0.3	0.3	7.3
20	15.1	23.3	18.1	87.6	17.925	15.7	3.8	0.0	3.8	1.5
21	15.0	25.3	19.7	82.4	18.658	16.4	0.0	2.2	2.2	6.4
22	15.0	26.1	21.1	74.6	17.757	15.6	0.0	0.0	0.0	7.3
23	14.6	27.0	20.6	76.9	18.011	15.7	0.0	0.0	0.0	7.5
24	16.1	24.7	19.9	82.3	18.669	16.2	0.0	0.0	0.0	1.6
25	14.6	26.4	19.9	81.6	18.413	16.1	0.0	0.0	0.0	8.0
26	16.2	27.1	22.5	73.2	19.285	16.9	0.0	0.0	0.0	9.1
27	15.4	25.3	20.9	78.8	18.844	16.5	0.0	0.0	0.0	5.5
28	15.1	26.0	19.3	82.7	18.074	15.8	0.0	0.0	0.0	8.3
29	13.4	25.3	18.7	83.8	17.663	15.4	0.0	0.0	0.0	6.9
30	13.0	26.0	19.9	76.1	16.800	14.6	0.0	0.0	0.0	9.0
PROM	15.0	25.5	19.8	81.2	18.328	16.0	80.5	43.2	123.7	167.6

ESTACION: MIGUEL VALENCIA MUNICIPIO: JARDIN AÑO: 1.982

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

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.0	26.3	19.9	78.1	17.437	15.3	0.0	0.0	0.0	7.7
2	14.0	26.1	19.6	76.6	16.684	14.6	0.0	0.0	0.0	4.9
3	14.0	25.3	19.4	79.8	17.576	15.4	3.0	0.0	3.0	4.1
4	14.4	24.0	18.2	86.8	18.078	15.9	7.6	0.7	8.3	5.7
5	14.3	24.1	18.6	87.3	18.494	16.2	0.0	10.2	10.2	5.3
6	13.8	25.0	19.7	83.0	18.394	16.1	6.5	0.0	6.5	6.1
7	15.0	26.1	19.4	78.2	17.162	15.1	0.0	0.0	0.0	9.7
8	14.2	25.4	18.1	84.4	17.463	15.4	4.2	0.0	4.2	9.1
9	14.0	26.1	19.6	81.4	18.098	15.9	0.0	0.0	0.0	5.9
10	13.6	26.0	19.4	80.9	17.709	15.5	0.0	0.0	0.0	9.2
11	14.4	26.1	20.7	80.3	19.239	16.8	1.2	0.0	1.2	4.2
12	16.0	23.6	18.7	88.7	19.077	16.7	7.5	2.2	9.7	3.9
13	16.0	26.0	20.3	79.6	18.564	16.3	0.0	0.0	0.0	8.4
14	14.2	27.6	20.1	77.5	17.276	15.1	0.0	0.0	0.0	8.4
15	13.0	28.0	20.0	79.2	17.381	15.0	0.0	0.0	0.0	9.2
16	13.4	25.4	18.5	79.4	16.317	14.2	0.0	0.0	0.0	3.5
17	16.0	26.0	19.7	77.1	17.011	14.7	0.0	0.0	0.0	2.2
18	14.4	25.4	19.4	79.9	17.296	15.0	0.0	0.0	0.0	3.1
19	14.0	26.0	19.1	81.2	17.703	15.6	1.2	0.0	1.2	2.6
20	14.6	23.8	19.6	82.6	18.268	16.0	0.0	0.0	0.0	2.3
21	13.1	27.4	21.2	62.1	14.054	12.0	0.0	0.0	0.0	9.4
22	14.1	27.0	21.1	74.5	17.484	15.1	0.0	0.0	0.0	8.7
23	14.4	27.0	20.2	76.0	16.929	14.7	0.0	0.0	0.0	5.3
24	13.3	27.3	22.0	72.9	18.141	15.4	0.0	0.0	0.0	8.4
25	14.6	27.3	19.5	78.1	17.326	15.2	0.0	0.0	0.0	7.7
26	15.3	24.6	19.3	82.1	17.837	15.5	0.0	0.0	0.0	6.3
27	14.4	23.3	18.5	94.1	20.285	17.6	7.7	0.3	8.0	2.8
28	15.0	24.2	18.5	82.7	17.453	15.3	0.0	0.0	0.0	3.1
29	15.3	25.0	18.3	80.6	16.909	14.8	0.0	0.0	0.0	3.7
30	14.4	25.1	19.6	78.7	17.349	15.3	0.0	0.0	0.0	7.5
31	14.1	27.1	19.5	70.1	14.906	12.8	0.0	0.0	0.0	7.8
PROM.	14.3	25.7	19.5	79.8	17.545	15.3	38.9	13.4	52.3	186.2

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	13.0	22.0	18.2	87.0	17.601	15.4	0.0	1.0	1.0	8.2
2	14.4	24.1	19.6	80.1	17.808	15.7	0.0	0.0	0.0	5.5
3	14.4	27.0	20.1	68.6	15.362	13.4	0.0	0.0	0.0	8.5
4	12.8	28.0	21.1	63.0	14.049	12.0	0.0	0.0	0.0	6.2
5	11.4	27.1	19.3	68.6	14.060	11.9	0.0	0.0	0.0	9.3
6	13.6	26.0	18.7	80.5	16.748	14.6	1.0	1.3	2.3	5.7
7	16.3	24.4	21.1	71.4	16.894	14.8	0.0	25.1	25.1	1.3
8	15.1	23.3	18.4	87.1	18.269	16.0	0.0	0.5	0.5	3.3
9	13.3	27.6	19.5	74.0	16.037	14.0	0.0	0.0	0.0	10.4
10	13.0	28.1	20.0	80.4	17.893	15.6	0.0	0.0	0.0	7.3
11	14.0	27.1	19.6	75.5	16.389	14.3	0.0	0.0	0.0	7.2
12	13.1	27.1	18.6	79.7	16.354	14.2	2.0	0.0	2.0	6.8
13	13.8	27.0	19.7	79.7	17.510	15.3	0.0	0.0	0.0	6.8
14	14.8	27.0	19.5	79.4	17.346	15.0	0.0	0.0	0.0	7.3
15	15.1	29.0	20.8	75.8	17.973	15.8	0.0	0.5	0.5	5.8
16	15.0	27.0	19.5	77.2	16.965	14.8	0.2	0.0	0.2	6.1
17	14.0	28.0	20.5	76.9	17.843	15.6	0.0	0.0	0.0	8.1
18	13.0	28.0	20.3	76.4	17.300	15.2	0.0	0.0	0.0	6.6
19	14.0	26.1	20.4	69.9	15.958	14.0	0.0	0.0	0.0	5.6
20	14.2	26.0	20.3	78.8	18.044	15.6	0.0	0.4	0.4	2.8
21	14.4	25.0	18.6	83.4	17.545	15.4	0.0	0.0	0.0	5.5
22	15.1	29.0	21.2	71.0	17.222	15.1	0.0	0.0	0.0	9.1
23	12.7	28.0	20.5	66.4	15.281	13.3	0.0	0.0	0.0	7.8
24	14.6	27.1	20.5	74.8	17.462	15.2	0.0	0.0	0.0	6.7
25	15.0	26.1	19.6	80.1	17.984	15.8	0.0	0.0	0.0	5.1
26	12.8	27.0	20.4	72.3	16.137	14.0	0.0	0.0	0.0	6.3
27	14.1	27.3	21.5	70.0	16.960	14.8	0.0	0.0	0.0	3.9
28	15.0	26.8	20.0	76.1	17.222	15.1	0.0	0.0	0.0	2.9
29	15.0	28.1	20.9	75.5	17.654	15.3	0.0	0.0	0.0	6.6
30	14.1	26.1	20.1	81.8	18.564	16.1	0.0	0.0	0.0	4.1
31	14.4	26.0	19.4	80.2	17.363	15.1	0.4	0.0	0.4	5.8
PROM	14.0	26.7	19.9	76.2	16.961	14.8	3.6	28.8	32.4	192.6

ESTACION: MIGUEL VALENCIA MUNICIPIO: JARDIN AÑO: 1.982

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	14.0	26.2	19.9	77.3	17.384	15.0	0.0	0.0	0.0	2.7
2	14.6	27.1	19.9	75.6	16.992	14.9	0.0	0.0	0.0	5.6
3	13.5	27.1	19.5	74.9	16.520	14.4	2.0	0.0	2.0	6.5
4	16.0	27.1	19.3	81.0	17.805	15.6	3.0	0.0	3.0	3.8
5	15.2	26.7	20.7	82.1	19.670	17.2	0.0	0.0	0.0	
6	15.4	26.6	20.2	76.4	17.391	15.1	0.0	8.0	8.0	3.5
7	13.0	29.3	18.6	77.4	15.892	13.8	0.0	0.0	0.0	6.4
8	15.0	28.0	19.8	79.1	17.816	15.6	4.0	0.0	4.0	4.1
9	14.8	25.1	18.0	84.7	17.664	15.5	28.0	0.0	28.0	0.9
10	14.6	25.1	18.1	85.5	17.766	15.6	0.4	1.0	1.4	2.2
11	14.6	23.1	17.3	86.1	16.923	14.9	3.0	0.0	3.0	2.0
12	14.5	26.2	18.9	82.2	17.468	15.3	0.3	0.0	0.3	
13	16.0	25.1	19.2	84.3	18.482	16.2	0.3	0.4	0.7	5.1
14	16.0	24.1	19.5	84.4	18.950	16.7	0.0	16.0	16.0	5.8
15	15.2	25.1	18.6	84.4	18.010	15.8	21.0	12.0	33.0	4.4
16	15.2	24.5	18.5	83.5	17.637	15.5	0.0	13.0	13.0	1.5
17	15.4	22.0	17.8	89.5	18.223	16.0	10.3	0.0	10.3	5.6
18	15.0	25.3	18.9	83.4	17.860	15.7	0.0	0.0	0.0	0.3
19	15.4	20.6	17.6	92.2	18.772	16.5	6.0	0.0	6.0	4.2
20	14.8	24.2	18.8	84.0	18.023	15.8	4.0	0.0	4.0	2.4
21	14.8	26.1	18.6	84.2	17.992	15.8	0.0	0.0	0.0	5.5
22	12.6	25.6	18.4	79.3	15.914	13.7	0.0	0.0	0.0	4.4
23	14.6	26.3	19.3	77.8	17.192	15.1	0.0	0.1	0.1	6.3
24	15.4	24.1	17.9	88.5	18.173	16.0	23.0	0.3	23.3	0.8
25	15.0	22.1	17.1	97.6	19.215	16.8	22.0	0.0	22.0	5.2
26	14.7	24.3	18.6	81.3	16.960	14.8	0.0	0.0	0.0	
27	14.1	28.0	20.5	73.7	16.714	14.6	0.0	0.3	0.3	6.2
28	13.6	24.0	17.7	85.4	17.372	15.3	14.0	0.0	14.0	2.1
29	15.1	22.3	17.6	83.6	16.753	14.6	0.0	0.0	0.0	2.6
30	14.4	25.0	17.5	81.7	16.057	13.9	0.0	0.0	0.0	0.9
PROM.	14.8	25.2	18.7	82.7	17.586	15.4	141.3	51.1	192.4	

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	13.2	20.1	16.9	93.5	17.999	15.8	0.0	0.0	0.0	0.0
2	13.6	25.1	18.1	81.3	16.818	14.7	1.0	0.0	1.0	5.2
3	14.4	20.4	16.9	93.9	18.094	15.9	30.0	0.2	30.2	0.3
4	14.6	22.2	17.0	96.3	19.013	16.7	15.0	0.0	15.0	2.1
5	14.6	25.1	18.2	80.8	16.591	14.5	2.0	1.6	3.6	3.3
6	13.3	26.0	18.8	80.6	16.999	14.8	0.0	0.0	0.0	5.9
7	15.0	25.1	18.8	86.8	19.209	16.9	5.5	0.2	5.7	1.4
8	14.6	25.1	19.3	84.5	18.768	16.5	3.0	0.5	3.5	2.3
9	13.8	22.3	17.4	86.2	17.095	15.0	0.0	0.0	0.0	6.0
10	14.1	23.3	17.8	85.0	17.225	15.1	0.0	11.0	11.0	3.6
11	12.6	27.1	19.3	78.7	16.904	14.8	13.0	0.0	13.0	8.0
12	15.1	25.1	17.9	89.6	18.716	16.5	0.0	0.0	0.0	5.3
13	14.0	27.0	18.8	83.5	18.140	16.0	14.0	0.0	14.0	1.2
14	15.0	24.0	18.9	91.2	20.121	17.6	0.0	22.0	22.0	4.6
15	14.0	25.3	19.2	80.3	17.472	15.2	0.0	0.0	0.0	1.2
16	14.0	24.2	18.1	88.8	18.695	16.4	2.0	20.0	22.0	5.3
17	15.0	24.0	19.4	87.7	19.922	17.4	6.0	0.0	6.0	2.8
18	14.8	27.1	19.3	79.7	17.333	15.2	0.0	2.0	2.0	3.8
19	14.2	27.0	20.1	77.8	17.593	15.4	0.0	0.0	0.0	5.5
20	13.2	25.0	17.7	83.6	16.749	14.7	0.0	0.0	0.0	1.7
21	14.2	25.1	17.8	84.1	17.115	15.0	0.0	0.8	0.8	4.3
22	14.0	23.0	18.3	85.5	17.598	15.4	0.0	5.0	5.0	3.1
23	15.1	26.1	18.4	80.1	16.581	14.5	28.0	0.0	28.0	3.1
24	15.1	27.0	19.6	85.1	19.610	17.2	0.0	15.0	15.0	3.1
25	15.1	24.1	18.5	85.2	18.135	16.0	0.5	24.0	24.5	1.0
26	16.0	23.0	17.3	86.8	17.202	15.1	12.0	7.0	19.0	1.0
27	14.6	23.3	18.5	80.6	16.870	14.8	0.0	24.0	24.0	0.9
28	14.3	24.0	18.6	82.3	17.222	15.0	0.0	0.0	0.0	5.6
29	14.3	26.0	18.9	83.6	17.912	15.7	18.0	0.6	18.6	4.7
30	13.5	26.6	19.6	79.7	17.612	15.4	0.0	8.0	8.0	8.1
31	15.3	24.6	19.2	83.3	18.404	16.1	0.0	0.0	0.0	2.3
PROM	14.3	24.6	18.5	84.7	17.862	15.7	150.0	141.9	291.9	106.7

ESTACION: MIGUEL VALENCIA MUNICIPIO: JARDIN AÑO: 1.982

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

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.3	24.0	19.0	83.3	18.132	15.8	0.0	11.0	11.0	2.3
2	15.0	24.0	17.5	86.6	17.308	15.2	10.0	0.4	10.4	4.4
3	15.6	24.5	18.3	85.8	18.017	15.9	0.0	0.0	0.0	4.0
4	15.2	25.4	18.9	80.4	17.184	15.0	0.0	0.2	0.2	3.5
5	13.5	25.6	18.8	82.8	17.577	15.4	4.0	0.0	4.0	7.9
6	15.0	24.1	18.0	88.2	18.661	16.4	0.0	0.0	0.0	2.6
7	13.4	26.3	19.2	78.7	17.170	15.0	0.0	5.0	5.0	4.5
8	15.2	26.0	19.7	81.6	18.441	16.2	0.0	0.0	0.0	7.2
9	16.0	28.1	21.2	77.6	18.934	16.6	0.0	0.2	0.2	8.8
10	16.2	26.0	19.1	82.7	18.420	16.2	0.0	2.0	2.0	3.0
11	14.6	24.1	18.5	82.9	17.452	15.3	22.0	15.0	37.0	4.1
12	15.6	25.1	18.4	83.4	17.538	15.4	0.0	0.0	0.0	2.1
13	15.2	27.0	19.4	81.9	18.150	16.0	0.5	0.0	0.5	5.7
14	16.4	26.4	19.6	78.4	17.665	15.5	0.0	0.0	0.0	2.5
15	16.8	27.0	19.6	78.4	17.934	15.8	1.7	3.1	4.8	5.2
16	17.5	23.1	19.0	84.1	18.475	16.2	0.3	3.3	3.6	0.0
17	16.3	25.1	19.2	77.8	16.911	14.6	1.0	0.0	1.0	3.1
18	14.8	23.1	17.4	94.7	18.991	16.6	0.0	0.0	0.0	0.0
19	14.6	27.0	19.6	76.5	16.877	14.8	0.0	35.6	35.6	6.2
20	16.0	21.0	16.8	94.2	18.217	16.0	16.9	0.0	16.9	0.0
21	13.8	24.1	18.3	84.9	17.733	15.6	0.0	0.0	0.0	1.4
22	17.2	26.2	19.6	78.6	17.717	15.5	0.0	0.5	0.5	6.4
23	15.4	25.0	18.8	81.6	17.711	15.6	0.0	0.0	0.0	3.2
24	16.2	25.1	19.7	80.3	18.153	15.9	0.0	0.0	0.0	5.8
25	15.6	24.7	18.3	81.1	17.071	15.0	0.0	0.0	0.0	1.1
26	14.2	26.0	18.5	78.2	16.386	14.3	0.0	1.1	1.1	4.2
27	13.8	26.1	18.7	78.1	16.364	14.3	0.0	21.5	21.5	7.2
28	13.6	24.0	17.4	82.2	16.091	14.1	0.3	0.0	0.3	6.7
29	14.5	24.0	19.0	78.9	16.957	14.8	0.0	0.0	0.0	2.2
30	14.2	26.6	19.7	72.2	16.043	14.1	0.0	0.0	0.0	9.1
PROM.	15.2	25.2	18.8	81.9	17.609	15.4	56.7	98.9	155.6	124.4

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.0	20.1	79.2	18.681	16.4	0.0	0.0	0.0	1.1
2	16.4	25.4	19.8	80.4	18.320	16.1	0.0	0.0	0.0	2.9
3	16.6	27.0	20.6	73.7	17.618	15.4	0.0	1.5	1.5	5.5
4	16.3	23.4	18.7	85.6	18.526	16.3	0.0	0.0	0.0	0.0
5	15.6	25.3	18.7	78.3	16.720	14.5	0.0	0.0	0.0	3.0
6	14.6	25.0	18.8	78.6	16.754	14.7	0.0	0.0	0.0	3.6
7	14.2	25.4	19.5	79.3	17.514	15.3	0.0	21.3	21.3	6.2
8	16.4	26.5	19.8	74.7	16.836	14.7	1.6	15.0	16.6	5.7
9	16.2	24.4	18.2	84.2	17.755	15.6	1.5	0.0	1.5	2.6
10	14.0	26.1	19.4	78.5	17.267	15.2	0.0	0.0	0.0	6.7
11	16.2	26.3	20.0	79.3	18.365	16.1	0.0	0.0	0.0	3.4
12	16.0	25.0	19.7	83.5	19.293	16.9	4.4	0.0	4.4	2.9
13	16.2	26.0	20.3	79.8	18.646	16.3	0.0	0.0	0.0	5.6
14	16.0	26.1	19.7	76.5	17.140	15.0	0.0	0.0	0.0	6.4
15	14.0	27.1	19.3	75.4	16.371	14.3	0.0	0.0	0.0	9.4
16	14.2	25.3	18.9	77.9	16.498	14.4	0.0	0.0	0.0	3.1
17	16.1	26.1	20.0	79.7	18.253	16.0	0.0	2.4	2.4	5.0
18	16.4	19.8	17.4	94.0	18.671	16.4	3.2	0.0	3.2	0.0
19	16.2	25.1	19.1	83.6	18.556	16.3	0.0	0.0	0.0	2.7
20	14.4	26.3	19.1	77.7	16.682	14.6	0.0	0.0	0.0	7.5
21	16.0	27.1	19.5	77.2	17.288	15.2	3.7	0.0	3.7	4.7
22	16.5	26.1	19.5	81.8	18.492	16.2	0.0	14.9	14.9	7.2
23	16.2	25.0	19.3	80.1	17.706	15.4	0.0	0.0	0.0	3.6
24	15.2	24.1	18.6	87.2	18.978	16.7	0.0	0.0	0.0	2.5
25	15.0	26.1	18.6	77.8	16.600	14.6	1.9	0.0	1.9	6.7
26	14.7	27.0	19.7	77.0	17.304	15.2	0.2	3.0	3.2	4.6
27	16.0	24.0	18.1	79.8	16.416	14.3	0.7	0.0	0.7	2.7
28	13.2	25.6	18.8	75.9	15.895	13.8	0.0	0.0	0.0	7.3
29	15.2	23.8	19.2	79.5	17.294	15.1	0.0	0.0	0.0	3.7
30	14.0	26.0	18.9	74.5	15.730	13.7	0.0	0.0	0.0	7.0
31	13.6	27.0	20.4	77.4	17.889	15.6	0.0	0.0	0.0	7.7
PROM	15.4	25.4	19.3	79.6	17.550	15.4	17.2	58.1	75.3	141.0

ESTACION: MIGUEL VALENCIA MUNICIPIO JARDIN AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	14.5	24.5	18.3	12.0	26.4	84.6	17.580	15.4	180.3	20	154.5
FEBRERO	15.6	25.2	19.6	14.1	27.4	82.4	18.416	16.1	89.2	14	
MARZO	15.6	25.7	19.6	14.1	28.0	82.7	18.489	16.2	135.8	20	141.9
ABRIL	15.8	25.2	19.6	13.1	28.4	83.8	18.762	16.5	242.4	24	120.6
MAYO	15.8	24.9	19.4	14.4	27.3	84.8	18.864	16.5	202.1	28	112.5
JUNIO	15.0	25.5	19.8	13.0	27.1	81.2	18.328	16.0	123.7	13	167.6
JULIO	14.3	25.7	19.5	13.0	28.0	79.8	17.545	15.3	52.3	9	186.2
AGOSTO	14.0	26.7	19.9	11.4	29.0	76.2	16.961	14.8	32.4	9	192.6
SEPTIEMBRE	14.8	25.2	18.7	12.6	29.3	82.7	17.586	15.4	192.4	20	
OCTUBRE	14.3	24.6	18.5	12.6	27.1	84.7	17.862	15.7	291.9	22	106.7
NOVIEMBRE	15.2	25.2	18.8	13.4	28.1	81.9	17.609	15.4	155.6	18	124.4
DICIEMBRE	15.4	25.4	19.3	13.2	27.1	79.6	17.550	15.4	75.3	12	141.0
PROMEDIO	15.0	25.3	19.3	13.1	27.8	82.0	17.963	15.7			
TOTAL									1773.4	209	

ESTACION: BERTHA MUNICIPIO: MONIQUIRA AÑO: 1.982

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	15.0	27.3	20.1	75.0	17.127	15.0	2.2	0.0	2.2	
2	12.9	25.7	19.1	76.8	16.189	14.1	0.0	0.0	0.0	
3	15.0	25.0	19.9	77.4	17.251	15.0	0.8	3.8	4.6	
4	15.5	25.5	18.9	78.5	16.583	14.4	1.1	4.6	5.7	
5	14.5	25.7	18.6	75.1	15.622	13.5	0.0	0.0	0.0	
6	13.0	25.0	18.5	76.8	15.809	13.8	0.0	6.2	6.2	
7	14.7	25.5	19.0	78.7	16.744	14.5	0.1	0.0	0.1	
8	9.0	26.3	18.3	71.1	13.708	11.5	0.0	0.0	0.0	
9	11.0	26.0	19.0	76.5	15.766	13.6	0.0	0.0	0.0	
10	14.4	26.0	19.6	74.0	16.157	14.1	0.0	0.0	0.0	
11	11.0	26.5	19.0	74.5	15.530	13.5	0.0	0.0	0.0	
12	12.5	26.5	19.3	77.8	16.543	14.4	0.0	1.0	1.0	
13	9.5	27.0	17.5	77.6	14.687	12.6	0.0	0.0	0.0	
14	10.5	27.0	19.3	73.3	15.346	13.2	0.0	0.0	0.0	
15	15.5	27.0	20.4	71.6	16.182	14.0	0.0	2.9	2.9	
16	11.6	27.0	19.5	73.0	15.448	13.4	0.0	0.0	0.0	
17	12.6	27.0	20.6	73.1	16.440	14.0	0.0	0.0	0.0	
18	14.7	28.0	19.3	74.5	15.948	13.8	0.0	0.0	0.0	
19	5.5	27.5	17.1	73.3	12.823	10.2	0.0	0.0	0.0	
20	8.0	27.8	17.9	71.0	12.891	10.2	0.0	0.0	0.0	
21	14.0	27.0	18.9	73.9	15.299	13.2	0.0	0.0	0.0	
22	12.6	25.6	18.9	69.1	14.003	11.8	0.0	0.0	0.0	
23	10.8	25.9	18.3	69.3	13.403	11.2	0.0	0.0	0.0	
24	7.0	27.0	17.0	64.6	10.955	8.1	0.0	0.0	0.0	
25	8.0	26.8	17.1	68.0	11.732	9.1	0.0	0.0	0.0	
26	11.0	26.3	18.1	71.7	13.922	11.8	0.0	0.0	0.0	
27	13.0	25.5	18.9	74.3	15.705	13.7	0.0	14.1	14.1	
28	15.6	27.0	18.8	79.2	16.800	14.7	14.0	0.0	14.0	
29	13.5	26.5	19.2	74.9	15.965	13.9	0.0	1.3	1.3	
30	13.5	26.7	20.2	74.7	16.830	14.8	0.0	2.4	2.4	
31	14.5	27.0	19.9	74.3	16.443	14.3	0.0	27.4	27.4	
PROM.	12.3	26.5	18.9	74.0	15.286	13.1	18.2	63.7	81.9	

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	27.0	19.3	73.9	16.226	14.1	0.0	0.0	0.0	
2	13.3	26.0	18.5	78.9	16.460	14.4	0.0	0.0	0.0	
3	14.5	27.0	19.1	78.3	16.890	14.8	0.0	0.0	0.0	
4	13.0	26.0	19.8	73.4	16.285	14.3	0.0	2.5	2.5	
5	14.5	25.6	19.0	75.5	16.082	14.0	3.4	0.8	4.2	
6	11.0	26.0	17.9	78.6	15.232	13.1	3.3	5.9	9.2	
7	14.5	28.0	19.3	74.5	15.763	13.5	0.0	12.6	12.6	
8	15.0	26.6	20.1	76.2	17.194	15.0	0.0	8.9	8.9	
9	14.5	27.8	20.4	71.2	15.886	13.5	0.0	0.0	0.0	
10	12.0	26.0	19.3	69.5	14.299	11.9	0.0	0.0	0.0	
11	13.5	26.3	18.5	78.4	16.415	14.4	24.2	0.1	24.3	
12	13.6	25.6	17.7	84.3	17.012	15.0	4.0	3.5	7.5	
13	15.5	24.0	18.4	83.7	17.800	15.7	3.2	8.7	11.9	
14	14.5	25.5	19.5	80.7	17.909	15.7	5.9	11.2	17.1	
15	15.0	24.3	18.3	91.1	19.511	17.1	5.9	0.0	5.9	
16	13.0	25.5	18.9	75.5	15.765	13.7	0.0	0.1	0.1	
17	14.0	22.6	18.5	76.7	15.929	13.8	0.0	0.0	0.0	
18	13.5	24.5	18.5	78.6	16.494	14.5	0.0	0.0	0.0	
19	15.0	24.4	19.4	72.8	16.105	14.0	0.0	0.0	0.0	
20	14.6	22.5	18.7	83.4	17.736	15.6	0.0	0.0	0.0	
21	15.0	24.5	18.6	80.7	17.113	15.0	0.0	0.0	0.0	
22	13.6	25.5	19.6	71.5	15.653	13.7	0.0	0.0	0.0	
23	14.6	23.3	19.1	77.0	16.770	14.7	0.0	0.0	0.0	
24	13.5	25.5	18.9	78.5	16.590	14.5	0.0	0.0	0.0	
25	14.6	25.6	20.4	77.2	17.815	15.7	0.0	20.0	20.0	
26	13.0	26.2	19.0	76.3	15.650	13.1	1.8	0.2	2.0	
27	12.5	27.0	19.2	74.7	15.683	13.4	0.0	8.8	8.8	
28	15.0	26.5	20.3	73.3	16.690	14.5	0.0	10.8	10.8	
PROM	14.0	25.5	19.1	77.3	16.534	14.4	51.7	94.1	145.8	

ESTACION: BERTHA MUNICIPIO: MONIQUIRA AÑO: 1.982

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

M E S - MARZO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	26.0	19.6	73.3	15.914	13.8	0.0	1.2	1.2	
2	14.0	26.0	19.6	74.5	16.139	14.1	0.0	0.0	0.0	
3	12.8	26.6	19.1	75.1	15.634	13.4	0.0	0.0	0.0	
4	14.1	25.6	19.2	75.9	16.205	14.0	0.0	0.0	0.0	
5	12.5	27.0	20.0	71.3	15.475	13.3	0.0	0.0	0.0	
6	15.0	26.3	20.3	73.1	16.844	14.6	0.0	0.0	0.0	
7	10.8	27.3	19.1	73.2	15.068	12.8	0.0	0.0	0.0	
8	16.0	27.5	20.6	67.0	15.566	13.4	0.0	0.0	0.0	
9	10.5	27.0	18.7	73.6	14.785	12.6	0.0	0.0	0.0	
10	12.5	27.5	20.5	70.2	16.079	14.0	0.0	0.9	0.9	
11	16.0	28.0	20.4	74.2	17.187	15.0	0.0	0.0	0.0	
12	13.5	27.0	20.4	74.4	17.215	15.1	0.0	0.0	0.0	
13	10.5	27.5	19.8	78.2	17.138	15.0	0.8	12.7	13.5	
14	14.0	25.0	18.9	84.2	18.245	16.0	0.0	0.0	0.0	
15	13.0	27.0	19.7	78.8	17.218	15.0	7.0	1.0	8.0	
16	15.5	27.0	20.6	74.7	17.505	15.4	0.0	0.0	0.0	
17	13.5	26.5	19.1	79.5	17.027	14.8	0.0	9.0	9.0	
18	14.5	27.0	19.5	79.0	17.493	15.3	12.0	0.0	12.0	
19	15.5	26.5	19.5	80.8	18.114	15.9	0.7	37.0	37.7	
20	14.0	26.0	18.7	79.6	17.078	15.0	0.0	0.0	0.0	
21	13.5	28.5	20.3	75.2	17.049	14.8	0.0	0.6	0.6	
22	13.0	26.5	20.3	74.4	16.706	14.5	0.0	0.0	0.0	
23	14.0	26.5	18.8	84.2	18.090	15.9	0.3	20.0	20.3	
24	12.5	26.5	19.0	82.1	17.805	15.7	0.0	0.0	0.0	
25	14.0	27.0	20.3	77.9	18.178	15.8	0.0	3.0	3.0	
26	12.0	26.5	19.9	79.1	17.816	15.6	0.0	0.0	0.0	
27	12.5	27.0	19.9	75.3	16.761	14.7	0.0	0.0	0.0	
28	14.0	25.5	20.3	76.7	17.382	15.1	0.0	0.0	0.0	
29	15.0	28.0	19.9	77.9	17.811	15.6	11.6	4.1	15.7	
30	17.0	26.5	19.8	79.1	18.026	15.8	32.7	0.0	32.7	
31	14.0	26.0	19.1	81.7	17.844	15.7	16.7	1.6	18.3	
PROM.	13.7	26.7	19.7	76.6	16.948	14.8	81.8	91.1	172.9	

M E S - ABRIL

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	26.5	20.1	79.7	18.316	16.0	4.7	42.7	47.4	
2	14.6	27.0	19.4	80.7	18.017	15.8	3.2	0.2	3.4	
3	15.0	25.0	20.6	78.1	18.597	16.3	0.0	1.8	1.8	
4	15.6	24.0	19.0	81.9	17.906	15.7	3.4	10.6	14.0	
5	16.0	24.5	19.9	76.0	17.479	15.3	0.1	11.6	11.7	
6	15.5	22.0	17.2	91.6	18.042	15.9	26.1	3.6	29.7	
7	15.5	25.0	17.9	83.7	17.136	15.0	0.4	0.0	0.4	
8	13.6	24.5	18.4	79.8	16.768	14.7	0.3	17.3	17.6	
9	15.5	25.5	18.3	79.7	16.839	14.8	1.1	5.2	6.3	
10	15.5	23.0	18.5	86.1	18.303	16.1	1.4	0.0	1.4	
11	13.0	26.5	19.8	69.0	15.487	13.4	0.0	18.8	18.8	
12	16.5	24.4	18.9	77.6	16.558	14.3	0.6	0.3	0.9	
13	15.0	26.0	20.2	70.1	16.303	14.3	0.0	2.2	2.2	
14	15.5	26.0	19.7	75.4	17.025	15.0	0.0	0.0	0.0	
15	15.0	27.0	19.6	74.0	16.463	14.4	0.0	0.0	0.0	
16	14.5	27.5	20.4	72.6	16.917	14.8	0.0	0.8	0.8	
17	16.5	26.0	20.8	72.5	17.652	15.5	0.0	0.0	0.0	
18	15.5	25.5	19.0	77.6	16.664	14.5	0.0	0.0	0.0	
19	15.5	25.5	18.6	82.6	17.601	15.5	5.5	1.6	7.1	
20	15.0	27.5	21.1	65.8	15.528	13.2	0.0	0.0	0.0	
21	14.5	25.5	18.6	80.4	16.991	14.9	3.5	0.0	3.5	
22	12.5	25.8	19.1	76.1	16.097	14.0	4.0	11.0	15.0	
23	13.0	25.5	19.5	72.9	16.708	14.7	10.3	0.2	10.5	
24	13.5	29.0	21.6	74.4	18.602	16.3	0.0	0.0	0.0	
25	16.0	28.0	21.1	74.5	18.234	16.0	1.5	0.0	1.5	
26	16.0	30.0	20.2	72.9	16.903	14.8	16.4	0.0	16.4	
27	15.0	29.0	20.2	77.2	17.968	15.8	3.0	3.7	6.7	
28	16.5	23.5	18.1	85.8	17.692	15.6	2.6	0.2	2.8	
29	15.5	26.0	19.8	70.7	16.147	14.1	8.1	3.4	11.5	
30	15.5	26.5	19.9	74.6	17.002	14.9	0.1	2.3	2.4	
PROM	15.1	25.9	19.5	77.1	17.198	15.1	96.3	137.5	233.8	

ESTACION: BERTHA MUNICIPIO: MONIQUIRA AÑO: 1.982

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

M E S - MAYO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	26.2	19.3	83.1	18.468	16.2	12.0	20.1	32.1	
2	15.0	24.5	18.6	82.3	17.600	15.5	0.0	0.5	0.5	
3	16.0	25.5	19.2	75.0	16.339	14.2	8.3	51.1	59.4	
4	15.5	28.0	19.9	74.4	16.483	14.3	7.5	7.9	15.4	
5	15.0	25.5	19.5	78.3	17.462	15.3	0.9	10.7	11.6	
6	15.5	25.5	19.9	79.0	18.095	15.9	0.0	0.8	0.8	
7	15.5	27.0	20.8	74.0	17.624	15.5	0.0	25.4	25.4	
8	15.5	23.0	19.2	74.5	16.164	13.9	0.0	0.4	0.4	
9	15.0	26.5	18.5	81.0	17.183	15.1	10.5	0.4	10.9	
10	14.0	24.6	18.1	81.4	17.089	15.0	7.6	0.0	7.6	
11	12.3	28.0	19.9	76.0	16.620	14.5	0.0	5.1	5.1	
12	15.5	27.5	20.4	77.1	17.703	15.4	0.6	2.6	3.2	
13	12.5	27.5	20.2	69.4	15.116	12.8	0.0	0.0	0.0	
14	15.0	24.0	18.2	79.2	16.642	14.6	13.1	2.0	15.1	
15	15.0	26.5	20.0	76.1	17.383	15.2	1.8	18.4	20.2	
16	15.5	26.5	19.7	79.6	17.996	15.8	0.0	14.8	14.8	
17	16.0	26.5	21.1	68.9	16.927	14.7	0.1	4.0	4.1	
18	16.0	25.5	18.4	86.9	19.175	16.8	3.8	0.3	4.1	
19	14.5	23.0	18.4	87.2	18.445	16.2	1.7	0.0	1.7	
20	12.2	25.5	19.9	80.7	18.155	15.9	21.3	6.8	28.1	
21	14.5	22.0	18.9	79.5	16.999	14.6	0.0	0.0	0.0	
22	15.5	23.5	18.3	84.9	18.144	16.0	22.2	0.0	22.2	
23	14.5	25.0	17.5	89.2	17.681	15.6	2.4	0.0	2.4	
24	12.5	24.0	18.5	81.6	17.063	14.9	23.4	4.3	27.7	
25	15.0	27.0	20.3	77.8	18.194	15.7	25.0	19.0	44.0	
26	16.0	24.0	19.0	81.1	17.631	15.4	1.0	1.0	2.0	
27	15.5	25.0	19.2	77.5	17.246	15.1	9.3	0.1	9.4	
28	16.5	24.5	17.8	76.3	15.474	13.3	0.0	0.0	0.0	
29	14.6	25.5	19.2	81.5	18.025	15.8	1.2	2.3	3.5	
30	16.0	27.0	20.4	79.5	18.920	16.6	0.0	0.0	0.0	
31	13.0	26.5	19.6	78.1	17.357	15.2	0.0	0.0	0.0	
PROM.	14.9	25.5	19.3	79.1	17.400	15.2	173.7	198.0	371.7	

M E S - JUNIO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	27.5	21.6	63.3	15.474	13.3	0.0	0.0	0.0	
2	12.0	26.5	19.8	72.7	15.870	13.6	0.0	0.0	0.0	
3	13.0	26.5	19.2	75.2	16.274	14.2	0.0	0.0	0.0	
4	12.5	25.0	18.1	80.1	16.256	14.2	0.0	1.0	1.0	
5	13.5	25.0	19.7	77.6	17.215	15.1	0.0	0.0	0.0	
6	16.0	27.0	20.0	75.6	17.473	15.3	0.0	7.0	7.0	
7	15.5	27.6	19.8	71.2	15.594	13.4	0.0	1.0	1.0	
8	14.5	26.4	19.5	78.9	17.551	15.4	0.0	0.0	0.0	
9	12.5	26.4	18.5	75.0	15.408	13.4	0.0	0.0	0.0	
10	12.3	27.0	19.4	72.6	15.547	13.4	0.0	0.0	0.0	
11	13.0	25.5	17.9	81.3	16.415	14.4	4.0	0.0	4.0	
12	13.0	26.3	18.6	76.7	15.868	13.9	0.0	19.0	19.0	
13	12.0	28.5	19.4	73.6	15.594	13.4	0.0	0.0	0.0	
14	12.5	26.8	19.2	76.5	16.366	14.3	0.0	4.0	4.0	
15	14.5	27.5	21.3	57.2	13.472	11.1	0.0	0.0	0.0	
16	12.5	25.0	19.1	70.1	15.030	12.7	0.0	0.0	0.0	
17	14.5	27.0	19.8	71.5	15.715	13.2	0.0	0.0	0.0	
18	11.5	20.6	16.9	86.2	16.456	14.4	1.0	0.0	1.0	
19	14.3	27.0	19.7	75.8	16.554	14.3	0.0	1.0	1.0	
20	12.5	26.0	18.6	78.9	16.542	14.5	0.0	0.0	0.0	
21	11.5	25.3	17.4	76.9	14.803	12.8	40.0	7.0	47.0	
22	12.0	25.0	18.5	74.4	15.212	12.7	2.0	0.0	2.0	
23	13.5	27.5	19.9	66.9	14.406	12.2	0.0	0.0	0.0	
24	14.0	26.0	19.9	75.7	17.063	14.9	0.0	0.0	0.0	
25	11.0	27.5	19.8	72.6	15.924	13.9	0.0	0.0	0.0	
26	10.8	26.4	18.6	59.0	11.499	8.9	0.0	0.0	0.0	
27	11.4	25.5	18.9	72.5	14.549	12.1	0.0	0.0	0.0	
28	11.0	27.0	18.2	78.2	16.019	14.0	5.0	0.0	5.0	
29	10.6	26.0	20.3	66.8	15.222	13.2	0.0	0.0	0.0	
30	13.5	25.8	18.9	71.8	15.134	12.9	0.0	0.0	0.0	
PROM	12.9	26.2	19.2	73.5	15.684	13.5	52.0	40.0	92.0	

ESTACION: BERTHA MUNICIPIO: MONIQUIRA AÑO: 1.982

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

M E S - JULIO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.3	26.3	19.3	67.1	14.543	12.4	0.0	0.0	0.0	
2	13.4	24.5	20.0	62.1	14.305	12.3	0.0	0.0	0.0	
3	12.0	25.5	19.0	71.0	14.827	12.5	0.0	0.0	0.0	
4	9.5	25.5	17.4	78.0	14.933	12.9	8.0	0.0	8.0	
5	13.5	25.0	19.0	75.7	15.973	13.8	0.0	0.0	0.0	
6	12.5	26.0	17.5	77.2	15.097	13.1	10.0	0.0	10.0	
7	11.5	25.5	18.5	73.8	15.280	13.1	2.0	0.0	2.0	
8	10.0	26.5	17.6	75.2	14.385	12.3	0.0	0.0	0.0	
9	13.0	25.0	19.5	77.6	16.866	14.7	0.0	0.0	0.0	
10	11.5	26.5	18.9	77.6	16.042	13.9	3.0	0.0	3.0	
11	14.5	27.3	19.9	71.8	15.672	13.2	0.0	0.0	0.0	
12	13.0	24.0	17.5	76.5	15.152	13.2	19.0	0.0	19.0	
13	13.0	25.0	18.1	77.4	15.629	13.6	0.0	0.0	0.0	
14	12.3	27.0	20.0	40.3	9.453	6.1	0.0	0.0	0.0	
15	12.5	26.0	20.8	42.6	10.562	7.7	0.0	0.0	0.0	
16	11.0	27.3	20.1	66.5	14.642	12.3	0.0	0.0	0.0	
17	12.5	27.0	19.7	75.6	16.315	14.1	0.0	0.0	0.0	
18	11.0	26.5	18.9	64.8	13.172	10.8	0.0	0.0	0.0	
19	12.5	27.0	19.9	53.2	13.403	11.1	0.0	0.0	0.0	
20	13.5	26.3	19.1	77.1	16.286	14.1	4.0	0.0	4.0	
21	10.0	27.3	18.5	71.1	13.556	10.9	6.0	0.0	6.0	
22	15.5	26.2	20.9	63.7	14.707	12.5	0.0	0.0	0.0	
23	15.5	26.5	20.6	51.3	12.036	9.6	0.0	0.0	0.0	
24	11.0	27.2	19.7	68.5	14.468	12.1	1.0	0.0	1.0	
25	10.0	27.0	19.6	71.9	15.446	13.3	0.0	0.0	0.0	
26	13.7	26.6	18.8	71.8	15.051	13.0	0.0	0.0	0.0	
27	14.0	25.4	17.8	79.5	15.817	13.7	0.0	0.0	0.0	
28	13.3	23.0	17.8	85.8	17.490	15.4	0.0	0.0	0.0	
29	11.0	24.3	17.7	63.8	12.960	10.6	0.0	0.0	0.0	
30	14.2	25.0	19.2	69.1	14.670	12.3	0.0	0.0	0.0	
31	10.0	25.5	18.0	74.5	14.445	12.1	0.0	0.0	0.0	
PROM.	12.4	25.9	19.0	69.8	14.619	12.3	53.0	0.0	53.0	

M E S - AGOSTO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	10.0	25.7	18.7	63.7	12.813	10.5	0.0	0.0	0.0	
2	10.5	27.0	18.2	66.3	12.916	10.6	12.0	0.0	12.0	
3	11.3	25.5	19.6	53.6	11.248	8.6	0.0	0.0	0.0	
4	10.0	28.8	20.1	49.0	10.268	6.9	0.0	0.0	0.0	
5	10.0	27.3	19.9	64.2	14.091	11.7	0.0	10.0	10.0	
6	12.0	24.5	17.2	77.6	14.683	12.5	4.0	0.0	4.0	
7	11.0	24.5	17.4	83.6	16.275	14.2	0.0	0.0	0.0	
8	14.0	24.2	18.7	78.1	16.368	14.2	2.0	0.0	2.0	
9	10.3	28.4	20.2	63.5	13.532	11.0	0.0	0.0	0.0	
10	13.0	25.0	20.4	37.9	9.241	5.8	0.0	0.0	0.0	
11	10.4	27.0	19.8	56.8	12.257	9.9	0.0	0.0	0.0	
12	11.0	26.5	20.6	43.1	10.755	7.7	0.0	0.0	0.0	
13	13.5	27.0	18.8	63.7	13.291	10.8	0.4	0.0	0.4	
14	11.5	27.0	19.1	66.7	13.884	11.5	0.0	0.0	0.0	
15	12.0	27.5	18.1	74.7	15.280	13.3	2.5	1.2	3.7	
16	12.0	27.5	20.8	52.1	12.521	9.8	0.0	0.0	0.0	
17	12.0	26.5	20.1	51.3	11.349	8.5	0.0	0.0	0.0	
18	11.0	27.3	20.1	60.8	13.992	11.9	0.0	0.0	0.0	
19	13.6	25.0	19.0	72.3	15.204	12.8	0.0	1.7	1.7	
20	12.6	25.5	18.6	73.7	15.374	13.4	0.5	0.0	0.5	
21	14.4	29.0	21.5	55.2	13.143	10.6	0.0	0.0	0.0	
22	10.3	28.0	20.5	46.5	10.515	7.4	0.0	0.0	0.0	
23	13.6	27.4	20.9	46.7	11.144	8.4	0.0	0.0	0.0	
24	11.0	27.9	20.8	56.5	12.637	10.0	0.0	0.0	0.0	
25	12.0	28.6	20.7	59.8	13.081	10.6	0.0	0.0	0.0	
26	10.0	27.3	19.4	71.0	14.871	12.4	1.0	0.0	1.0	
27	12.5	28.5	20.5	55.4	11.896	9.2	0.0	0.0	0.0	
28	16.5	28.5	21.9	53.1	13.540	11.0	0.0	0.0	0.0	
29	14.5	27.5	19.9	73.0	16.171	14.0	0.0	8.1	8.1	
30	10.5	29.0	19.3	72.1	14.928	12.7	4.0	0.0	4.0	
31	12.5	26.3	20.1	69.1	15.028	12.7	0.0	0.1	0.1	
PROM	11.9	27.0	19.7	61.8	13.300	10.8	26.4	21.1	47.5	

ESTACION: BERTHA MUNICIPIO: MONIQUIRA AÑO: 1.982

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensiòn vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	26.5	19.9	60.7	13.700	11.3	0.0	0.0	0.0	
2	13.5	28.0	21.5	54.1	12.717	10.4	0.0	0.0	0.0	
3	10.5	26.8	20.1	52.6	11.416	8.8	0.0	0.0	0.0	
4	15.0	28.0	19.8	69.8	15.460	13.3	2.7	0.0	2.7	
5	13.5	26.2	19.5	61.0	13.193	10.8	4.7	0.0	4.7	
6	13.0	27.0	20.1	56.8	12.309	9.7	0.0	0.0	0.0	
7	10.0	28.0	20.5	52.0	12.079	9.6	0.0	0.0	0.0	
8	13.0	28.0	20.0	63.6	13.767	11.3	0.0	0.0	0.0	
9	12.5	27.5	19.7	71.9	15.953	13.8	4.3	2.2	6.5	
10	14.3	26.2	19.3	73.4	15.682	13.5	0.5	0.3	0.8	
11	14.4	26.4	18.0	78.1	15.749	13.7	4.4	0.1	4.5	
12	14.6	26.5	20.1	72.7	16.686	14.6	0.0	0.4	0.4	
13	14.5	27.5	18.7	75.0	15.626	13.4	4.9	0.7	5.6	
14	14.0	24.6	19.3	76.5	16.630	14.5	0.7	0.1	0.8	
15	13.5	27.0	20.1	75.1	16.602	14.3	0.3	9.6	9.9	
16	14.5	24.0	18.4	83.1	17.305	15.2	0.0	15.7	15.7	
17	14.0	23.3	17.6	90.2	18.622	16.3	1.7	1.3	3.0	
18	14.3	25.0	19.8	75.6	17.164	15.0	0.0	3.7	3.7	
19	14.3	25.5	18.3	76.0	15.671	13.6	3.9	0.9	4.8	
20	13.4	24.6	18.2	76.4	15.507	13.5	4.5	0.6	5.1	
21	14.5	25.5	19.1	75.0	15.961	13.8	0.0	0.0	0.0	
22	10.5	25.0	20.1	68.0	15.094	12.9	0.0	3.5	3.5	
23	11.0	25.5	18.6	76.1	15.271	13.0	0.0	19.1	19.1	
24	13.5	24.2	18.1	83.4	17.177	15.1	0.0	27.0	27.0	
25	14.0	22.3	17.1	82.1	15.916	13.8	0.0	0.0	0.0	
26	14.6	25.5	18.5	77.5	16.151	14.0	0.0	0.0	0.0	
27	12.2	26.0	18.8	77.1	16.139	14.0	0.0	36.0	36.0	
28	14.1	26.0	18.1	79.2	15.958	13.8	0.0	0.0	0.0	
29	13.4	24.5	18.2	80.3	16.579	14.5	0.0	7.0	7.0	
30	11.5	26.6	18.5	72.0	14.267	12.0	6.7	0.0	6.7	
PROM.	13.3	25.9	19.1	72.2	15.345	13.1	39.3	128.2	167.5	

M E S - OCTUBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensiòn vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	22.0	17.6	80.8	16.202	14.2	1.5	0.0	1.5	
2	11.0	23.3	17.5	77.6	14.879	12.8	0.0	14.4	14.4	
3	13.2	23.6	18.7	77.5	16.289	14.2	0.0	32.8	32.8	
4	13.5	24.3	17.2	91.4	17.726	15.6	2.2	0.0	2.2	
5	15.0	26.5	19.3	75.8	16.645	14.5	0.1	12.0	12.1	
6	13.0	25.3	18.8	76.4	15.814	13.6	0.0	11.7	11.7	
7	13.0	26.0	18.3	75.4	15.586	13.5	33.9	8.1	42.0	
8	13.8	25.0	18.0	77.0	15.568	13.5	1.9	9.2	11.1	
9	14.5	24.5	18.9	77.5	16.303	14.2	1.4	16.8	18.2	
10	14.5	24.5	19.4	78.1	17.197	15.0	0.0	0.0	0.0	
11	15.1	27.5	20.9	68.0	15.794	13.2	0.0	7.5	7.5	
12	13.8	25.6	19.2	74.2	15.719	13.5	0.0	0.0	0.0	
13	12.5	25.8	19.2	74.4	16.015	13.9	0.0	1.0	1.0	
14	15.5	24.5	18.4	77.2	16.394	14.3	0.0	17.5	17.5	
15	13.0	26.0	18.6	75.1	15.488	13.4	0.2	0.0	0.2	
16	11.0	24.4	18.1	78.8	16.108	14.1	0.3	3.3	3.6	
17	12.5	26.5	18.7	77.8	16.369	14.3	0.0	5.0	5.0	
18	14.5	25.0	18.0	79.1	16.355	14.4	1.9	2.0	3.9	
19	14.4	24.3	18.2	78.9	16.262	14.2	0.0	31.1	31.1	
20	12.5	24.4	17.6	77.6	15.307	13.3	3.6	70.0	73.6	
21	14.3	24.5	18.2	78.9	16.383	14.4	0.0	8.2	8.2	
22	14.5	24.5	18.3	82.0	17.247	15.1	0.0	11.8	11.8	
23	14.8	24.8	18.6	76.4	16.471	14.4	0.6	15.7	16.3	
24	14.6	24.5	19.1	71.9	15.835	13.8	2.4	1.3	3.7	
25	14.5	25.6	19.1	76.7	16.575	14.3	1.0	8.7	9.7	
26	13.6	25.5	18.9	73.7	15.236	12.7	0.0	0.0	0.0	
27	11.5	25.5	18.1	77.8	15.577	13.5	0.0	15.0	15.0	
28	13.5	22.6	17.3	83.9	17.590	15.5	0.0	0.0	0.0	
29	12.0	27.0	19.3	72.4	14.827	12.3	0.0	0.0	0.0	
30	13.5	27.0	19.7	71.9	15.424	12.9	0.0	0.3	0.3	
31	14.4	24.8	19.5	78.1	17.105	14.9	11.3	0.1	11.4	
PROM	13.6	25.0	18.6	77.3	16.138	14.0	62.3	303.5	365.8	

ESTACION: BERTHA MUNICIPIO: MONIQUIRA AÑO: 1.982

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	13.0	24.8	18.3	78.8	16.160	14.1	1.1	3.0	4.1	
2	15.3	23.8	17.5	81.9	16.369	14.3	2.0	0.9	2.9	
3	14.6	25.0	17.7	78.9	15.734	13.7	0.0	0.0	0.0	
4	11.7	24.3	17.0	77.1	14.501	12.4	0.0	0.0	0.0	
5	13.6	25.4	18.9	74.2	15.664	13.7	0.0	0.0	0.0	
6	14.6	25.5	18.0	85.8	17.748	15.6	0.0	0.0	0.0	
7	13.5	26.0	19.1	76.6	16.528	14.4	0.0	21.4	21.4	
8	15.0	27.8	20.0	71.2	15.583	13.2	0.0	0.0	0.0	
9	11.5	27.5	19.3	76.0	16.021	13.8	0.0	0.0	0.0	
10	12.0	27.5	19.2	73.3	15.317	13.2	6.2	1.8	8.0	
11	13.8	25.5	18.1	77.7	15.568	13.4	6.0	6.9	12.9	
12	14.0	24.2	17.9	77.7	15.874	13.8	0.0	0.0	0.0	
13	12.0	27.0	19.1	72.8	15.100	12.5	0.0	0.0	0.0	
14	11.0	27.0	19.4	74.2	15.677	13.5	0.0	0.0	0.0	
15	12.0	27.5	20.5	71.2	16.024	13.8	0.0	3.4	3.4	
16	15.0	24.5	18.3	80.6	17.123	15.0	0.3	1.0	1.3	
17	14.5	23.8	18.1	80.8	16.679	14.6	0.6	0.0	0.6	
18	13.1	24.4	18.2	75.7	15.507	13.5	19.8	0.0	19.8	
19	13.0	26.0	19.4	76.0	16.466	14.4	0.2	3.0	3.2	
20	15.0	23.0	18.9	80.6	17.467	15.3	0.0	0.0	0.0	
21	14.5	25.5	18.4	85.0	17.975	15.8	0.3	0.0	0.3	
22	14.5	26.0	19.2	81.3	17.727	15.6	0.0	10.4	10.4	
23	15.5	26.3	20.4	78.8	18.737	16.5	0.0	10.1	10.1	
24	15.6	24.4	18.4	77.1	16.094	13.9	0.0	0.0	0.0	
25	11.5	26.5	18.9	77.0	15.869	13.7	0.1	4.2	4.3	
26	14.4	24.8	19.0	81.8	17.603	15.4	0.0	41.2	41.2	
27	14.5	25.4	19.2	74.3	16.011	13.8	0.0	8.0	8.0	
28	14.5	25.5	19.5	79.2	17.746	15.6	0.0	0.0	0.0	
29	11.5	24.5	17.8	83.1	16.602	14.5	0.0	0.0	0.0	
30	14.5	26.8	18.7	73.8	15.100	12.8	0.6	0.0	0.6	
PROM.	13.6	25.5	18.7	77.8	16.352	14.2	37.2	115.3	152.5	

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.0	26.4	18.6	76.5	15.314	13.1	0.0	0.0	0.0	
2	13.5	25.8	18.7	74.9	15.113	12.8	7.3	0.0	7.3	
3	12.0	26.5	19.9	81.4	18.557	16.3	0.0	0.0	0.0	
4	15.2	25.0	21.9	70.0	18.110	15.4	0.0	0.0	0.0	
5	13.5	25.3	18.8	80.5	16.952	14.9	0.0	0.0	0.0	
6	14.4	27.2	19.9	76.2	16.968	14.8	0.0	2.0	2.0	
7	15.4	26.0	19.2	79.0	17.305	15.2	1.7	9.7	11.4	
8	15.2	26.0	19.6	79.6	17.706	15.5	0.0	10.0	10.0	
9	13.5	23.3	18.3	84.9	17.822	15.7	0.0	0.0	0.0	
10	15.2	23.6	18.6	86.2	18.344	16.1	0.0	0.0	0.0	
11	12.0	26.3	18.8	80.3	16.875	14.8	0.0	0.0	0.0	
12	15.2	25.4	19.2	79.7	17.442	15.3	0.0	0.0	0.0	
13	13.6	26.2	19.7	77.3	16.969	14.9	0.0	0.0	0.0	
14	12.6	26.8	19.0	79.0	16.761	14.6	0.0	0.0	0.0	
15	10.0	26.4	18.9	77.1	16.010	13.9	0.0	0.0	0.0	
16	9.2	27.2	18.1	77.1	15.145	13.0	0.0	0.0	0.0	
17	13.2	24.8	18.8	79.3	16.811	14.7	0.0	0.0	0.0	
18	13.6	24.0	18.9	82.5	17.788	15.6	0.0	0.0	0.0	
19	14.2	25.2	18.1	82.0	17.256	15.1	0.0	0.0	0.0	
20	15.2	27.0	20.6	73.2	17.110	14.9	0.0	0.0	0.0	
21	14.4	26.3	19.8	73.5	16.175	14.1	0.0	0.9	0.9	
22	16.0	26.4	20.4	75.5	17.581	15.4	0.0	0.0	0.0	
23	15.0	27.0	19.7	74.1	16.588	14.5	0.0	0.0	0.0	
24	11.4	27.3	19.4	74.7	15.944	13.9	0.0	0.0	0.0	
25	13.8	27.3	20.3	73.4	16.683	14.4	0.0	0.7	0.7	
26	14.2	27.2	19.3	75.3	16.151	14.1	0.0	8.9	8.9	
27	15.0	19.2	16.4	93.4	17.700	15.6	6.4	0.2	6.6	
28	14.2	25.3	19.1	79.2	16.887	14.7	0.0	0.0	0.0	
29	13.0	23.2	18.3	80.5	16.537	14.3	0.0	0.0	0.0	
30	14.2	23.0	18.1	80.4	16.528	14.3	0.7	0.0	0.7	
31	11.2	28.2	19.2	74.4	15.184	12.8	0.0	0.0	0.0	
PROM	13.6	25.6	19.1	78.4	16.849	14.7	16.1	32.4	48.5	

ESTACION: BERTHA MUNICIPIO MONIQUIRA AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	12.3	26.5	18.9	5.5	28.0	74.0	15.286	13.1	81.9	12	
FEBRERO	14.0	25.5	19.1	11.0	28.0	77.3	16.534	14.4	145.8	15	
MARZO	13.7	26.7	19.7	10.5	28.5	76.6	16.948	14.8	172.9	13	
ABRIL	15.1	25.9	19.5	12.5	30.0	77.1	17.198	15.1	233.8	24	
MAYO	14.9	25.5	19.3	12.2	28.0	79.1	17.400	15.2	371.7	26	
JUNIO	12.9	26.2	19.2	10.6	28.5	73.5	15.684	13.5	92.1	11	
JULIO	12.4	25.9	19.0	9.5	27.3	69.8	14.619	12.3	53.0	8	
AGOSTO	11.9	27.0	19.7	10.0	29.0	61.8	13.300	10.8	47.5	12	
SEPTIEMBRE	13.3	25.9	19.1	10.0	28.0	72.2	15.345	13.1	167.5	20	
OCTUBRE	13.6	25.0	18.6	11.0	27.5	77.3	16.138	14.0	365.8	26	
NOVIEMBRE	13.6	25.5	18.7	11.0	27.8	77.8	16.352	14.2	152.5	17	
DICIEMBRE	13.6	25.6	19.1	9.2	28.2	78.4	16.849	14.7	48.5	9	
PROMEDIO	13.4	25.9	19.2	10.3	28.2	74.6	15.971	13.8			
TOTAL									1932.9	193	

ESTACION: RAFAEL ESCOBAR MUNICIPIO: SUPIA AÑO: 1.982

ALTITUD: 1.320 LATITUD: 5-28 N. LONGITUD: 75-39 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	25.2	19.2	90.3	20.001	17.5	12.0	16.8	28.8	2.0
2	17.5	25.0	20.6	81.2	19.750	17.3	0.0	31.1	31.1	4.2
3	16.5	26.0	20.1	82.7	19.389	17.0	18.8	23.9	42.7	1.8
4	16.6	25.0	19.8	83.7	19.548	17.1	9.9	20.3	30.2	1.3
5	17.0	24.5	20.2	79.0	18.449	16.2	0.0	22.7	22.7	3.6
6	17.0	26.5	21.1	79.1	19.347	17.0	1.9	14.5	16.4	5.6
7	17.5	26.4	21.5	79.2	20.024	17.5	0.0	3.8	3.8	4.8
8	17.3	27.2	21.5	76.2	19.292	16.9	0.0	16.7	16.7	5.4
9	17.5	22.6	19.6	87.2	19.994	17.5	3.0	0.0	3.0	0.0
10	16.2	28.0	21.8	72.9	18.719	16.4	0.0	6.9	6.9	8.7
11	17.4	26.8	21.5	76.3	19.463	17.1	0.0	0.0	0.0	1.6
12	17.4	28.9	23.0	69.2	18.917	16.6	0.0	0.5	0.5	9.5
13	17.2	27.5	21.9	74.6	19.214	16.9	0.0	0.0	0.0	5.7
14	18.0	28.8	23.3	68.4	19.241	16.9	0.0	17.1	17.1	8.9
15	16.7	28.0	22.1	77.1	19.948	17.5	0.0	1.0	1.0	8.5
16	18.0	28.3	22.5	73.0	19.510	17.1	0.0	0.0	0.0	8.1
17	17.3	28.6	23.8	64.4	17.842	15.6	0.0	0.0	0.0	9.2
18	16.6	28.9	22.5	67.9	18.345	16.0	0.0	0.0	0.0	10.1
19	16.5	28.0	21.8	70.1	17.951	15.8	0.0	0.0	0.0	9.7
20	16.3	28.7	22.3	70.7	18.323	16.1	0.0	0.0	0.0	9.8
21	16.9	28.0	22.3	73.0	19.181	16.9	0.0	0.0	0.0	9.4
22	16.4	28.6	22.6	68.7	18.388	16.2	0.0	0.0	0.0	9.0
23	17.4	28.0	22.3	70.1	18.384	16.2	0.0	0.0	0.0	9.7
24	18.1	27.1	22.1	70.0	18.399	16.2	0.0	11.4	11.4	8.3
25	17.0	25.3	20.1	83.9	19.612	17.2	2.8	0.0	2.8	2.8
26	16.6	28.1	21.3	72.0	18.084	15.9	0.0	0.0	0.0	5.5
27	17.0	26.3	19.4	83.8	18.896	16.6	10.5	0.0	10.5	4.9
28	16.4	26.7	20.0	80.6	18.993	16.7	12.3	3.4	15.7	5.4
29	17.7	27.0	20.1	83.3	19.753	17.3	21.4	1.9	23.3	6.0
30	16.7	27.3	21.5	70.0	17.072	14.9	0.0	0.0	0.0	7.7
31	18.3	24.3	21.0	79.6	19.890	17.4	0.0	0.0	0.0	2.3
PROM.	17.1	27.0	21.4	76.1	19.030	16.7	92.6	192.0	284.6	189.5

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.9	27.2	21.7	71.4	18.176	15.9	0.0	0.0	0.0	4.9
2	18.0	26.8	20.7	80.2	19.780	17.3	0.0	0.0	0.0	1.2
3	17.2	27.2	20.8	76.8	19.064	16.7	4.1	2.4	6.5	6.6
4	17.4	26.7	22.0	77.1	20.073	17.6	1.5	0.0	1.5	7.5
5	17.4	27.0	21.8	78.1	20.253	17.7	0.0	0.0	0.0	2.1
6	18.0	26.0	21.5	77.7	19.566	17.1	0.0	0.0	0.0	1.0
7	16.5	27.5	21.0	77.2	19.247	16.9	0.0	0.0	0.0	3.0
8	17.8	28.1	22.4	71.3	19.273	16.9	0.0	2.1	2.1	1.6
9	17.6	26.3	22.1	75.7	19.818	17.3	0.0	9.2	9.2	3.3
10	18.0	26.3	22.1	79.0	20.710	18.0	0.0	31.2	31.2	0.8
11	17.3	28.4	22.3	73.4	19.368	17.0	0.0	0.0	0.0	6.6
12	17.7	26.0	20.0	84.7	19.574	17.1	1.5	0.0	1.5	3.1
13	17.4	25.3	21.4	77.8	19.389	17.0	0.0	3.1	3.1	1.4
14	18.0	28.5	22.1	76.9	20.330	17.7	0.0	26.7	26.7	4.9
15	17.3	24.8	20.3	83.2	19.847	17.4	3.4	0.0	3.4	0.5
16	17.0	27.0	22.1	71.7	18.504	16.3	0.0	0.6	0.6	8.3
17	17.6	27.5	22.1	73.3	19.092	16.7	0.0	0.0	0.0	5.8
18	17.7	28.0	22.3	71.3	18.832	16.5	0.0	2.8	2.8	8.4
19	18.0	23.0	20.2	84.2	19.968	17.5	1.8	0.0	1.8	0.2
20	17.3	22.0	19.0	89.9	19.934	17.5	8.5	6.1	14.6	0.1
21	17.3	27.3	21.9	74.4	18.967	16.6	0.0	0.0	0.0	7.4
22	19.0	26.3	21.8	77.7	20.268	17.7	0.0	0.0	0.0	1.7
23	17.8	28.5	21.9	74.5	19.464	17.0	0.0	0.0	0.0	4.9
24	16.7	27.0	21.9	72.5	18.462	16.3	0.0	0.0	0.0	5.0
25	18.0	28.0	22.9	71.4	19.484	17.1	0.0	0.0	0.0	7.4
26	19.0	26.3	22.2	79.0	21.110	18.4	0.0	0.0	0.0	1.4
27	17.8	27.0	22.2	76.3	20.178	17.7	0.0	19.2	19.2	2.8
28	17.4	27.0	22.3	77.7	20.600	18.0	0.0	8.0	8.0	3.7
PROM	17.6	26.7	21.6	76.9	19.619	17.2	20.8	111.4	132.2	105.6

ESTACION: RAFAEL ESCOBAR MUNICIPIO: SUPIA AÑO: 1.982

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	18.0	26.0	22.1	80.5	21.287	18.5	4.0	0.0	4.0	2.6
2	18.6	27.0	22.2	73.6	19.372	17.0	0.0	41.5	41.5	6.3
3	17.0	28.0	22.4	75.2	19.656	17.2	0.0	0.0	0.0	8.8
4	18.6	25.0	21.5	80.6	20.409	17.8	0.0	0.0	0.0	1.5
5	18.0	28.0	22.4	71.1	18.871	16.6	0.0	3.2	3.2	6.6
6	18.1	27.5	22.8	79.1	21.617	18.7	0.0	9.9	9.9	6.2
7	17.0	28.2	22.8	71.8	19.132	16.8	0.0	0.0	0.0	9.4
8	16.2	29.0	22.8	66.4	17.842	15.7	0.0	0.0	0.0	9.7
9	17.3	26.9	21.8	73.0	18.509	16.3	0.0	0.0	0.0	5.7
10	17.6	27.4	22.5	69.2	18.235	16.1	0.0	2.7	2.7	8.4
11	18.3	27.5	21.9	80.4	20.696	18.0	1.2	3.8	5.0	2.8
12	18.0	25.0	21.6	77.0	19.803	17.3	2.1	0.0	2.1	0.9
13	17.0	28.0	22.7	75.7	20.469	17.9	0.0	15.6	15.6	2.6
14	17.5	23.2	20.0	88.6	20.693	18.0	0.4	0.0	0.4	0.1
15	17.7	27.6	21.7	81.8	21.330	18.5	0.4	0.0	0.4	3.5
16	17.3	28.4	22.1	79.2	20.736	18.1	0.0	7.8	7.8	5.4
17	17.4	28.3	22.2	75.4	19.692	17.3	0.0	0.0	0.0	6.2
18	17.0	28.4	22.5	75.7	20.004	17.5	0.0	0.5	0.5	5.6
19	18.0	28.9	23.6	73.2	20.459	17.9	0.1	2.8	2.9	6.3
20	17.2	28.0	22.7	75.8	20.613	17.9	0.0	0.0	0.0	7.3
21	17.2	29.0	23.2	72.3	19.911	17.4	0.0	0.0	0.0	7.9
22	17.0	29.3	21.2	77.7	20.267	17.7	20.1	38.7	58.8	6.9
23	18.0	27.8	21.4	78.2	20.035	17.6	0.0	0.4	0.4	2.7
24	18.0	27.0	22.3	76.8	20.305	17.7	0.0	0.0	0.0	3.8
25	18.7	28.0	23.5	71.0	20.005	17.5	0.0	0.0	0.0	5.5
26	18.0	25.4	21.7	79.0	20.339	17.8	0.0	0.0	0.0	1.3
27	18.2	28.5	22.6	72.7	19.637	17.2	0.0	7.7	7.7	5.4
28	17.6	27.0	21.4	78.6	20.076	17.6	0.4	14.8	15.2	6.3
29	18.0	28.5	22.6	74.5	19.978	17.5	6.6	0.4	7.0	3.4
30	18.0	27.5	21.9	74.2	19.325	17.0	0.0	0.0	0.0	3.3
31	17.6	27.0	22.5	76.1	20.548	17.9	0.0	0.0	0.0	1.7
PROM.	17.7	27.5	22.2	75.9	19.995	17.5	35.3	149.8	185.1	154.1

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	18.0	29.0	22.3	76.1	20.506	17.9	0.0	0.0	0.0	5.4
2	18.0	26.9	22.2	80.3	21.336	18.5	0.0	1.4	1.4	0.3
3	19.0	26.5	21.3	79.5	20.221	17.7	20.9	0.6	21.5	0.0
4	18.0	25.0	20.6	85.1	20.701	18.1	1.2	30.0	31.2	0.0
5	17.8	27.8	21.8	79.5	20.599	18.0	0.0	30.1	30.1	3.8
6	17.6	26.0	20.4	81.6	19.597	17.2	6.6	0.8	7.4	2.0
7	17.0	27.0	22.0	80.3	20.953	18.3	0.0	2.7	2.7	1.7
8	17.2	26.0	20.7	80.3	19.549	17.1	0.6	6.4	7.0	0.5
9	17.6	26.6	21.3	75.2	18.832	16.5	0.0	14.8	14.8	3.1
10	17.0	26.0	20.9	79.3	19.191	16.7	0.2	2.5	2.7	1.7
11	16.0	26.3	21.0	75.4	18.480	16.2	0.0	14.2	14.2	3.5
12	16.6	24.6	20.2	81.3	18.996	16.7	0.5	1.0	1.5	1.2
13	16.0	27.0	21.4	76.2	19.044	16.7	0.0	0.0	0.0	5.7
14	17.0	28.3	22.8	73.7	19.856	17.4	0.0	0.0	0.0	7.8
15	18.2	28.7	23.7	72.6	20.784	18.1	0.0	0.9	0.9	8.3
16	19.2	28.0	22.0	77.6	20.670	18.0	1.4	19.0	20.4	4.7
17	17.5	26.5	20.7	82.8	20.096	17.6	1.5	0.4	1.9	2.5
18	18.0	27.5	22.6	77.1	20.872	18.2	0.0	9.4	9.4	3.4
19	16.4	27.6	21.8	78.1	19.769	17.3	0.0	2.8	2.8	5.2
20	19.0	28.0	22.9	78.8	21.686	18.8	1.4	22.4	23.8	4.4
21	18.8	25.5	21.1	83.8	20.981	18.3	0.7	0.0	0.7	0.2
22	17.5	27.3	22.6	74.6	20.177	17.7	0.0	6.1	6.1	7.2
23	18.5	25.9	21.1	83.3	21.051	18.3	1.7	3.1	4.8	2.1
24	17.5	28.0	22.7	80.6	21.893	18.9	0.0	0.0	0.0	3.8
25	17.3	29.0	23.4	74.8	21.262	18.5	0.0	0.0	0.0	3.9
26	19.8	27.9	22.2	81.7	22.354	19.3	0.0	0.0	0.0	0.1
27	18.0	27.8	22.5	80.3	21.565	18.7	0.0	18.7	18.7	1.2
28	18.1	22.8	19.4	89.1	20.192	17.7	7.3	0.0	7.3	0.0
29	17.2	26.5	20.3	81.3	19.210	16.9	0.4	0.0	0.4	4.1
30	17.2	27.2	21.2	79.3	19.857	17.4	0.0	10.8	10.8	3.8
PROM	17.7	26.9	21.6	79.3	20.343	17.8	44.4	198.1	242.5	91.6

ESTACION: RAFAEL ESCOBAR MUNICIPIO: SUPIA AÑO: 1.982

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	17.3	28.0	21.8	75.6	19.441	17.1	0.0	4.3	4.3	6.2
2	17.5	27.0	21.4	80.2	20.422	17.8	0.8	0.4	1.2	3.9
3	17.2	28.5	23.1	75.7	20.915	18.2	0.0	42.9	42.9	5.2
4	17.4	27.7	22.2	75.6	19.685	17.3	0.0	23.4	23.4	5.1
5	16.5	26.6	21.3	80.7	20.127	17.6	0.0	0.0	0.0	3.7
6	18.0	26.5	22.5	79.1	21.248	18.5	0.0	3.5	3.5	1.0
7	17.8	26.4	22.1	80.9	21.342	18.5	0.0	21.4	21.4	1.0
8	18.0	24.8	21.1	84.6	21.163	18.4	0.1	7.6	7.7	0.5
9	18.3	27.8	22.1	80.1	21.252	18.5	0.0	31.5	31.5	2.2
10	16.8	24.0	20.4	82.2	19.612	17.1	0.4	0.0	0.4	0.3
11	17.0	28.4	22.9	71.3	19.299	17.0	0.0	1.3	1.3	5.2
12	17.2	27.8	22.7	73.3	20.174	17.7	0.0	0.0	0.0	6.4
13	18.3	28.4	21.9	77.2	20.358	17.8	0.0	0.0	0.0	3.7
14	18.5	26.0	21.9	81.1	21.229	18.4	0.0	0.0	0.0	0.2
15	18.5	26.0	21.6	83.5	21.406	18.6	0.0	0.0	0.0	0.2
16	18.5	26.4	21.9	77.1	20.033	17.5	0.0	8.8	8.8	1.6
17	18.0	27.6	20.8	82.8	20.500	17.9	32.4	19.1	51.5	4.6
18	17.9	27.1	21.1	79.2	19.851	17.4	0.0	18.0	18.0	4.3
19	18.2	27.1	21.3	84.0	21.223	18.5	0.0	0.0	0.0	2.7
20	18.5	27.0	20.8	82.5	20.355	17.8	18.0	36.2	54.2	4.7
21	17.6	24.8	19.7	85.0	19.752	17.3	30.4	12.9	43.3	0.4
22	17.4	24.8	20.3	84.3	20.067	17.6	2.5	14.6	17.1	0.9
23	18.2	26.5	21.0	79.1	19.711	17.3	7.1	0.2	7.3	4.1
24	17.4	26.6	21.8	78.8	20.422	17.8	0.0	7.2	7.2	5.7
25	17.7	26.7	21.2	79.5	19.824	17.3	0.0	0.2	0.2	4.6
26	18.0	27.2	21.0	79.8	19.897	17.4	5.7	22.1	27.8	5.1
27	18.3	26.4	21.5	78.1	19.981	17.5	0.0	0.0	0.0	5.0
28	18.3	25.6	21.3	81.5	20.822	18.2	0.0	0.0	0.0	0.8
29	18.3	27.0	21.0	78.4	19.879	17.4	0.6	0.1	0.7	2.7
30	17.5	26.5	21.9	79.4	20.544	17.9	0.0	1.5	1.5	1.8
31	18.4	28.0	22.3	77.4	21.021	18.3	0.0	0.0	0.0	4.4
PROM.	17.8	26.7	21.5	79.6	20.373	17.8	98.0	277.2	375.2	98.2

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	25.5	21.8	81.4	21.249	18.5	0.0	0.0	0.0	0.0
2	17.0	27.5	22.8	71.2	19.630	17.2	0.0	0.0	0.0	1.3
3	18.0	28.0	23.1	63.1	16.805	14.0	0.0	0.0	0.0	3.1
4	19.0	27.5	22.1	79.5	21.301	18.5	0.0	0.0	0.0	0.0
5	17.7	27.5	22.5	75.6	20.552	17.9	0.0	21.4	21.4	2.8
6	17.2	27.2	22.1	77.6	20.329	17.8	0.0	0.0	0.0	1.7
7	18.3	27.4	21.1	82.1	20.857	18.2	0.4	2.5	2.9	4.3
8	17.2	28.5	22.2	77.1	20.233	17.7	0.0	0.0	0.0	6.2
9	17.7	27.2	22.2	75.4	20.187	17.7	0.0	5.9	5.9	0.7
10	17.8	27.3	22.4	77.1	20.289	17.7	1.1	0.0	1.1	5.3
11	17.5	27.0	22.0	76.5	20.123	17.6	0.0	0.2	0.2	2.1
12	17.0	26.6	22.0	76.5	20.077	17.6	0.0	0.0	0.0	2.5
13	17.6	28.0	21.9	77.5	20.642	18.0	0.0	0.0	0.0	5.9
14	18.0	26.4	21.9	79.8	20.596	18.0	0.0	0.2	0.2	4.8
15	19.0	28.0	22.9	74.9	20.376	17.8	0.0	0.0	0.0	5.6
16	19.2	27.5	22.9	74.4	20.599	18.0	0.0	0.0	0.0	1.7
17	18.7	27.6	22.8	79.1	21.573	18.7	0.0	0.0	0.0	2.0
18	18.4	26.8	21.7	80.1	20.939	18.2	0.1	0.0	0.1	0.2
19	17.0	27.0	20.9	80.9	20.048	17.5	1.0	0.1	1.1	4.0
20	16.5	26.0	21.1	81.9	20.283	17.7	0.0	0.0	0.0	0.7
21	18.5	27.5	22.4	75.0	20.195	17.7	0.0	0.0	0.0	4.8
22	17.7	27.5	22.8	70.2	18.750	16.5	0.0	0.0	0.0	4.2
23	17.5	28.2	23.1	67.9	18.576	16.3	0.0	0.0	0.0	6.0
24	18.5	26.0	21.9	76.9	20.128	17.6	0.0	0.0	0.0	0.0
25	17.5	28.0	22.4	72.9	19.297	16.9	0.0	0.0	0.0	6.4
26	18.5	28.6	23.1	74.1	20.494	17.9	0.0	0.0	0.0	2.1
27	19.0	27.6	23.4	74.3	21.349	18.5	0.0	0.0	0.0	0.0
28	18.5	29.0	23.4	74.1	20.867	18.2	0.0	0.0	0.0	5.9
29	17.3	29.0	23.1	64.2	17.083	15.0	0.0	0.0	0.0	1.6
30	17.4	29.9	23.0	66.9	18.608	16.4	0.0	0.0	0.0	5.6
PROM	17.9	27.5	22.4	75.3	20.068	17.5	2.6	30.3	32.9	91.5

ESTACION: RAFAEL ESCOBAR MUNICIPIO: SUPIA AÑO: 1.982

ALTITUD: 1.320 LATITUD: 5-28 N. LONGITUD: 75-39 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	29.9	23.1	65.9	18.110	15.9	0.0	0.0	0.0	3.9
2	17.5	28.9	23.0	71.4	19.687	17.3	0.0	0.4	0.4	0.0
3	17.8	28.3	22.9	72.8	19.745	17.3	0.0	0.0	0.0	2.1
4	17.9	27.3	22.2	75.7	19.882	17.4	0.0	1.0	1.0	1.0
5	17.0	28.2	21.5	78.5	19.775	17.3	0.0	0.0	0.0	4.0
6	16.2	28.3	20.8	79.5	19.443	17.1	3.1	0.0	3.1	2.9
7	17.5	29.1	22.9	71.7	19.758	17.3	0.0	0.0	0.0	5.2
8	17.6	27.5	20.8	77.0	19.203	16.9	3.8	0.0	3.8	3.5
9	16.2	28.7	22.4	72.6	19.200	16.8	0.0	0.0	0.0	3.4
10	17.0	29.5	23.6	66.4	18.700	16.4	0.0	0.0	0.0	5.0
11	18.4	27.6	22.4	75.6	20.420	17.8	0.0	0.0	0.0	0.0
12	19.0	26.7	22.1	79.7	21.321	18.5	0.0	6.4	6.4	0.7
13	17.9	27.9	22.9	72.4	19.699	17.3	0.0	0.0	0.0	5.3
14	17.5	30.2	24.7	62.1	18.869	16.6	0.0	0.0	0.0	9.5
15	16.5	30.5	23.5	58.4	16.265	14.3	0.0	0.0	0.0	7.6
16	17.8	28.7	22.9	64.2	17.543	15.4	0.0	0.0	0.0	1.6
17	17.2	31.0	23.9	65.9	18.758	16.5	0.0	0.0	0.0	5.6
18	18.0	28.0	22.8	73.1	19.825	17.3	0.0	0.0	0.0	0.0
19	17.9	29.0	23.0	73.1	20.008	17.5	0.0	3.4	3.4	0.3
20	17.2	25.6	21.9	75.5	19.400	17.0	0.0	0.0	0.0	0.6
21	15.8	29.9	23.0	62.6	16.497	14.5	0.0	0.0	0.0	9.2
22	16.6	29.6	23.4	64.9	18.008	15.8	0.0	0.0	0.0	5.7
23	18.0	29.9	23.5	61.2	17.497	15.4	0.0	0.0	0.0	3.8
24	16.2	31.0	23.5	60.8	17.027	14.9	0.0	0.0	0.0	9.1
25	17.5	29.8	21.2	67.5	17.415	15.2	0.0	0.0	0.0	3.6
26	18.9	28.2	22.4	73.9	19.954	17.5	0.0	0.0	0.0	2.3
27	17.8	24.5	20.1	86.3	20.320	17.7	1.2	4.0	5.2	0.5
28	17.7	27.0	20.9	79.0	19.428	17.1	0.2	0.0	0.2	2.0
29	17.7	28.2	22.0	75.5	19.828	17.4	0.0	0.0	0.0	1.4
30	17.5	30.0	22.9	66.8	17.975	15.8	0.0	0.0	0.0	2.8
31	17.4	31.0	24.1	54.5	15.907	13.8	0.0	0.0	0.0	6.0
PROM.	17.4	28.7	22.6	70.5	18.886	16.5	8.3	15.2	23.5	108.6

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.9	30.4	24.4	59.6	17.591	15.5	0.0	0.0	0.0	8.2
2	18.7	29.1	23.4	66.7	18.899	16.6	0.0	0.0	0.0	4.6
3	17.3	31.0	24.2	59.6	17.265	15.2	0.0	0.0	0.0	6.8
4	16.6	31.9	24.5	52.0	15.161	13.0	0.0	0.0	0.0	8.8
5	16.0	30.8	24.2	56.0	16.231	14.2	0.0	0.3	0.3	6.7
6	17.7	29.9	23.0	69.0	18.714	16.4	0.2	6.4	6.6	5.5
7	17.2	27.8	22.1	77.6	20.428	17.8	0.0	1.5	1.5	2.1
8	17.5	27.5	21.3	77.3	19.613	17.2	2.1	0.0	2.1	5.2
9	15.6	30.6	23.8	59.5	16.207	14.0	0.0	0.0	0.0	8.8
10	18.0	30.9	23.8	64.4	18.480	16.2	0.0	0.0	0.0	6.8
11	17.5	32.7	24.7	58.1	17.222	15.1	0.0	0.0	0.0	4.2
12	17.8	31.4	24.4	54.4	16.188	14.2	0.0	0.0	0.0	6.8
13	17.4	31.5	24.4	58.7	17.566	15.4	0.0	0.0	0.0	6.1
14	18.8	31.0	24.5	61.8	18.492	16.3	0.0	1.3	1.3	5.3
15	17.7	32.0	22.4	70.2	18.885	16.6	1.6	1.5	3.1	7.0
16	18.0	30.2	23.5	66.1	18.575	16.3	0.0	0.0	0.0	1.5
17	17.4	32.0	24.4	60.7	17.792	15.6	0.0	0.0	0.0	6.0
18	18.4	31.5	24.4	61.9	18.535	16.3	0.0	0.0	0.0	1.6
19	17.7	31.3	25.3	59.4	18.229	16.0	0.0	0.0	0.0	0.6
20	19.5	29.9	23.9	62.8	18.533	16.3	0.0	0.0	0.0	0.0
21	18.5	31.0	24.1	63.7	18.759	16.5	0.0	0.0	0.0	1.0
22	17.3	33.0	26.1	54.4	16.626	14.4	0.0	0.0	0.0	9.4
23	17.2	31.6	24.6	54.1	16.489	14.4	0.0	0.0	0.0	3.0
24	18.2	31.6	24.9	60.6	18.502	16.2	0.0	0.0	0.0	4.1
25	18.5	31.9	24.1	64.3	18.758	16.5	0.0	0.0	0.0	3.6
26	16.7	31.2	24.6	59.6	17.464	15.3	0.0	0.0	0.0	3.8
27	18.3	31.9	25.1	63.5	19.786	17.3	0.0	0.0	0.0	0.4
28	19.9	31.5	25.4	58.3	18.387	16.1	0.0	0.0	0.0	0.3
29	17.7	33.0	25.3	55.8	17.612	15.4	0.0	0.0	0.0	4.7
30	17.6	31.3	24.5	65.0	19.304	16.9	0.0	0.0	0.0	4.0
31	17.8	30.0	23.4	64.0	17.530	15.2	0.0	0.0	0.0	3.2
PROM	17.7	31.0	24.2	61.9	17.994	15.8	3.9	11.0	14.9	140.1

ESTACION: RAFAEL ESCOBAR MUNICIPIO: SUPIA AÑO: 1.982

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	18.5	32.5	25.6	61.8	19.083	16.7	0.0	0.0	0.0	6.9
2	18.4	33.5	26.0	60.5	19.914	17.4	0.0	0.0	0.0	4.5
3	18.3	31.8	25.1	55.9	16.577	14.4	0.0	0.0	0.0	4.3
4	19.8	31.4	24.7	64.9	19.843	17.3	0.0	0.0	0.0	2.1
5	18.0	32.0	25.5	65.8	20.625	17.9	0.0	0.3	0.3	4.8
6	19.2	30.7	24.7	63.0	19.267	16.9	0.0	0.0	0.0	1.4
7	17.2	33.5	26.1	61.0	20.208	17.6	0.0	0.0	0.0	5.7
8	18.5	32.6	25.4	63.0	20.018	17.5	0.0	0.0	0.0	1.0
9	19.0	30.2	22.3	81.8	22.195	19.2	3.2	3.0	6.2	0.2
10	18.5	27.0	22.0	79.5	20.633	18.0	0.0	9.8	9.8	0.7
11	17.5	28.9	21.9	72.9	18.864	16.6	0.1	0.4	0.5	2.5
12	17.0	31.0	23.6	67.8	18.935	16.6	0.0	19.6	19.6	6.6
13	17.5	27.9	22.9	67.3	17.636	15.4	0.0	2.0	2.0	4.7
14	17.4	29.4	23.2	69.8	18.873	16.6	0.0	0.0	0.0	4.5
15	18.7	27.7	20.8	81.1	20.255	17.7	0.8	0.0	0.8	1.5
16	18.0	28.7	20.8	79.6	19.735	17.3	12.6	0.2	12.8	0.3
17	17.2	25.6	20.3	82.3	19.672	17.3	3.9	0.0	3.9	1.1
18	17.4	28.3	23.0	68.0	18.508	16.2	0.0	1.8	1.8	3.1
19	17.6	22.8	19.4	84.6	18.995	16.7	0.6	0.0	0.6	0.0
20	17.4	26.9	22.4	72.5	19.036	16.7	0.0	0.0	0.0	0.0
21	18.1	29.6	23.3	69.0	19.284	16.9	0.0	0.0	0.0	1.9
22	17.1	29.5	24.0	66.0	18.980	16.7	0.0	0.0	0.0	5.1
23	18.5	30.0	23.6	68.3	19.384	17.0	0.4	8.7	9.1	0.8
24	17.6	26.5	20.5	81.4	19.738	17.3	4.7	3.0	7.7	1.5
25	17.0	26.5	20.9	76.1	18.450	16.2	0.0	15.3	15.3	0.8
26	17.1	28.5	22.0	73.4	18.794	16.5	0.0	0.0	0.0	2.8
27	17.4	28.9	21.0	77.4	19.365	17.0	21.1	5.4	26.5	4.9
28	15.5	26.6	20.7	77.1	18.679	16.4	1.6	0.0	1.6	4.2
29	17.7	26.9	21.9	73.1	18.789	16.5	0.0	0.0	0.0	2.9
30	17.3	27.2	21.8	75.7	19.418	17.0	0.2	14.5	14.7	2.3
PROM.	17.8	29.1	22.8	71.4	19.325	16.9	49.2	84.0	133.2	83.1

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	24.6	20.3	82.5	19.827	17.3	0.0	0.0	0.0	0.0
2	16.7	28.3	22.2	71.1	18.699	16.4	0.0	20.0	20.0	3.5
3	16.9	25.4	20.3	77.9	18.285	16.1	0.0	0.0	0.0	1.0
4	17.8	27.3	21.4	71.8	18.108	15.9	0.0	3.3	3.3	5.1
5	17.5	26.9	21.8	74.7	19.037	16.7	0.0	0.0	0.0	4.2
6	16.6	28.3	22.6	70.1	18.626	16.3	0.0	49.7	49.7	4.4
7	16.5	27.5	20.5	81.3	19.733	17.3	1.9	5.3	7.2	1.5
8	17.5	25.9	21.3	78.8	19.727	17.3	0.0	0.0	0.0	1.8
9	17.5	26.3	21.6	70.0	17.746	15.6	0.1	0.0	0.1	4.5
10	17.5	27.5	21.1	75.0	18.799	16.6	0.0	0.0	0.0	2.5
11	16.0	28.9	23.1	66.0	18.041	15.9	0.0	13.1	13.1	9.4
12	16.7	25.0	19.5	82.7	18.903	16.6	11.6	0.0	11.6	0.0
13	15.5	28.3	21.7	72.0	18.439	16.2	0.0	0.0	0.0	6.7
14	17.4	27.2	21.6	75.3	19.244	16.9	0.0	6.2	6.2	1.9
15	16.8	27.3	22.2	65.7	16.546	14.0	0.0	0.0	0.0	2.3
16	18.5	28.0	22.3	71.3	19.096	16.7	0.0	1.0	1.0	1.2
17	18.1	27.0	21.2	76.7	19.205	16.9	0.0	0.0	0.0	0.4
18	16.6	28.1	22.2	71.8	18.845	16.5	0.0	0.0	0.0	5.0
19	17.7	28.2	21.9	73.7	19.204	16.8	0.0	1.2	1.2	2.8
20	16.6	25.0	20.8	78.9	19.045	16.7	0.0	0.3	0.3	0.7
21	17.9	26.8	21.5	68.5	17.056	14.9	0.0	5.1	5.1	1.5
22	17.8	26.1	20.5	79.6	19.257	16.9	0.0	9.9	9.9	1.8
23	17.5	27.0	20.8	80.9	19.778	17.3	4.8	2.4	7.2	0.7
24	17.9	26.5	20.7	80.8	19.841	17.4	1.7	2.7	4.4	1.7
25	18.0	26.2	21.7	77.1	19.860	17.4	0.0	9.2	9.2	2.5
26	17.8	26.2	20.3	80.4	19.399	17.0	1.2	0.0	1.2	1.6
27	17.1	24.0	20.0	83.5	19.694	17.2	0.0	0.0	0.0	0.0
28	17.0	28.1	21.8	73.1	18.627	16.4	0.0	0.0	0.0	2.8
29	16.4	27.5	21.7	75.4	19.324	16.9	0.4	0.0	0.4	3.7
30	16.2	28.0	22.6	69.2	18.692	16.4	0.0	14.0	14.0	6.5
31	17.3	26.5	21.7	75.8	19.596	17.2	0.0	0.0	0.0	0.5
PROM	17.2	26.9	21.4	75.2	18.912	16.6	21.7	143.4	165.1	82.2

ESTACION: RAFAEL ESCOBAR MUNICIPIO: SUPIA AÑO: 1.982

ALTITUD: 1.320 LATITUD: 5-28 N. LONGITUD: 75-39 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	25.8	21.3	82.4	20.755	18.1	2.7	2.4	5.1	0.0
2	16.6	25.9	20.9	78.4	19.032	16.7	0.0	28.8	28.8	2.4
3	17.0	25.9	20.6	80.5	19.467	17.1	0.8	11.8	12.6	0.8
4	17.5	25.8	20.5	79.6	19.138	16.8	0.8	0.0	0.8	1.2
5	16.4	26.7	21.8	74.4	19.038	16.7	0.0	1.7	1.7	1.5
6	17.4	24.8	20.3	81.7	19.500	17.1	1.4	0.0	1.4	0.3
7	17.3	28.4	22.1	70.8	18.627	16.4	0.0	0.0	0.0	4.0
8	17.3	28.8	22.9	69.0	18.840	16.6	0.0	0.0	0.0	4.3
9	17.6	28.8	23.4	72.5	20.707	18.0	0.0	0.0	0.0	6.9
10	18.4	28.2	21.7	78.4	20.748	18.1	0.0	0.0	0.0	1.4
11	17.5	26.0	21.8	76.7	19.743	17.3	0.0	51.8	51.8	0.8
12	17.4	25.6	20.8	81.3	19.987	17.5	0.0	0.0	0.0	0.7
13	17.5	27.7	22.5	73.7	19.926	17.4	0.0	0.0	0.0	3.9
14	17.5	28.3	22.7	75.2	20.471	17.8	8.0	0.0	8.0	0.7
15	17.9	28.9	22.1	76.4	20.474	17.9	0.0	0.0	0.0	2.5
16	19.0	25.3	21.6	82.7	21.440	18.6	0.0	0.0	0.0	0.0
17	18.8	25.9	21.7	80.7	20.991	18.3	0.5	0.0	0.5	0.0
18	17.7	23.0	19.9	86.0	20.146	17.6	0.0	0.0	0.0	0.0
19	18.0	27.7	21.6	77.9	20.121	17.6	0.9	2.1	3.0	2.2
20	18.8	21.5	19.8	89.1	20.614	18.0	4.4	0.0	4.4	0.0
21	17.7	24.8	20.0	85.4	19.942	17.5	0.0	0.0	0.0	0.0
22	17.6	26.5	21.6	76.3	19.457	17.1	0.0	0.0	0.0	0.7
23	18.2	26.8	21.5	78.6	20.018	17.5	0.0	0.0	0.0	0.5
24	17.0	28.0	22.2	74.1	19.519	17.1	0.0	0.0	0.0	4.1
25	17.6	26.1	21.5	78.6	20.167	17.6	0.0	0.0	0.0	0.0
26	17.7	27.0	21.3	75.0	19.314	16.9	1.9	0.0	1.9	1.8
27	16.2	26.2	20.3	80.9	19.364	17.0	4.0	6.7	10.7	2.2
28	15.8	24.9	20.2	79.0	18.414	16.2	0.0	0.0	0.0	3.4
29	16.7	26.2	21.1	75.1	18.677	16.4	0.0	0.0	0.0	0.0
30	16.8	28.5	22.5	72.5	19.319	16.9	0.0	0.0	0.0	4.5
PROM.	17.5	26.5	21.4	78.1	19.799	17.3	25.4	105.3	130.7	50.8

M E S - DICIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	27.9	22.8	74.0	20.358	17.7	0.0	0.0	0.0	0.0
2	19.0	27.7	22.5	76.7	21.027	18.3	0.0	0.0	0.0	1.3
3	18.2	27.8	23.1	72.9	20.250	17.7	0.0	0.0	0.0	1.0
4	18.0	23.7	21.0	81.9	20.317	17.7	0.0	0.0	0.0	0.0
5	17.9	26.0	21.5	78.9	20.264	17.7	0.0	0.0	0.0	0.4
6	18.3	28.1	22.2	75.4	20.112	17.6	0.0	0.0	0.0	0.7
7	17.6	27.8	20.3	80.7	19.550	17.2	20.2	28.5	48.7	0.2
8	17.6	27.2	21.4	77.0	19.552	17.1	0.0	44.1	44.1	3.1
9	17.5	25.3	20.0	85.0	19.991	17.5	3.0	0.0	3.0	1.2
10	17.6	26.9	21.9	78.0	20.293	17.7	1.0	0.0	1.0	0.5
11	18.0	28.0	22.4	76.1	20.611	18.0	0.0	0.0	0.0	0.7
12	18.7	25.5	22.2	77.9	20.727	18.1	0.0	0.0	0.0	0.3
13	18.6	28.0	23.4	76.9	21.790	18.9	0.0	0.0	0.0	0.0
14	17.4	28.0	22.7	74.9	20.169	17.6	0.0	0.0	0.0	3.4
15	17.6	29.0	22.9	73.9	19.655	17.2	0.0	0.0	0.0	2.5
16	17.7	27.9	22.3	76.1	20.357	17.8	0.0	56.5	56.5	4.4
17	19.0	24.8	21.2	83.5	20.790	18.1	0.0	0.0	0.0	0.3
18	18.0	24.4	20.6	83.2	20.094	17.6	0.0	0.0	0.0	0.0
19	18.0	27.4	22.2	77.8	20.597	18.0	0.0	0.0	0.0	0.6
20	18.0	28.4	23.1	68.4	19.268	16.9	0.0	43.7	43.7	3.3
21	17.0	27.5	22.7	77.3	20.731	18.1	0.0	19.1	19.1	1.4
22	17.3	27.5	22.5	75.7	20.239	17.7	0.0	18.2	18.2	2.9
23	18.0	27.0	22.0	79.3	20.823	18.1	0.0	0.0	0.0	1.4
24	17.4	27.5	21.5	78.5	20.236	17.7	2.5	0.0	2.5	0.0
25	17.0	29.0	22.9	73.3	19.911	17.4	0.0	0.0	0.0	5.3
26	17.0	28.2	22.8	70.9	19.079	16.7	0.0	2.3	2.3	5.5
27	18.3	25.0	19.9	84.1	19.925	17.5	7.0	0.0	7.0	0.3
28	16.8	26.4	20.7	78.0	18.913	16.6	0.0	0.0	0.0	0.6
29	16.8	25.5	21.1	77.6	19.327	17.0	0.2	0.0	0.2	0.0
30	16.5	29.5	22.7	70.4	18.802	16.5	0.0	0.0	0.0	5.7
31	16.6	29.6	23.2	69.5	19.279	16.9	0.0	0.0	0.0	6.6
PROM	17.7	27.2	22.0	76.8	20.098	17.6	33.9	212.4	246.3	53.6

ESTACION: RAFAEL ESCOBAR MUNICIPIO SUPIA AÑO: 1.982

ALTITUD: 1.320 LATITUD: 5-28 N. LONGITUD: 75-39 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	17.1	27.0	21.4	16.2	28.9	76.1	19.030	16.7	284.6	18	189.5
FEBRERO	17.6	26.7	21.6	16.5	28.5	76.9	19.619	17.2	132.2	15	105.6
MARZO	17.7	27.5	22.2	16.2	29.3	75.9	19.995	17.5	185.1	18	154.1
ABRIL	17.7	26.9	21.6	16.0	29.0	79.3	20.343	17.8	242.5	24	91.6
MAYO	17.8	26.7	21.5	16.5	28.5	79.6	20.373	17.8	375.2	22	98.2
JUNIO	17.9	27.5	22.4	16.5	29.9	75.3	20.068	17.5	32.9	8	91.5
JULIO	17.4	28.7	22.6	15.8	31.0	70.5	18.886	16.5	23.5	8	108.6
AGOSTO	17.7	31.0	24.2	15.6	33.0	61.9	17.994	15.8	14.9	6	140.1
SEPTIEMBRE	17.8	29.1	22.8	15.5	33.5	71.4	19.325	16.9	133.2	17	83.1
OCTUBRE	17.2	26.9	21.4	15.5	28.9	75.2	18.912	16.6	165.1	19	82.2
NOVIEMBRE	17.5	26.5	21.4	15.8	28.9	78.1	19.799	17.3	130.7	13	50.8
DICIEMBRE	17.7	27.2	22.0	16.5	29.6	76.8	20.098	17.6	246.3	12	53.6
PROMEDIO	17.6	27.6	22.1	16.1	29.9	74.8	19.537	17.1			
TOTAL									1966.2	180	1248.9

ESTACION: SANTA ELENA MUNICIPIO: MARQUETALIA AÑO: 1.982

ALTITUD: 1.450 LATITUD: 5-18 N. LONGITUD: 75-49 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	25.5	19.7	89.1	20.962	18.2	4.2	11.2	15.4	2.9
2	17.4	24.2	18.8	89.3	19.475	17.1	11.2	0.0	11.2	1.0
3	17.7	24.8	20.9	86.2	21.074	18.3	4.3	19.1	23.4	3.0
4	17.5	26.5	20.5	86.8	21.087	18.3	7.2	42.0	49.2	2.4
5	16.5	25.0	20.1	82.3	19.174	16.8	2.1	7.8	9.9	1.8
6	16.8	23.9	19.7	81.2	18.562	16.3	0.2	21.3	21.5	2.9
7	16.5	27.1	21.2	75.3	19.099	16.6	0.0	7.7	7.7	7.4
8	16.6	27.5	20.9	70.4	17.270	15.2	0.0	1.0	1.0	8.6
9	16.0	24.3	20.3	77.3	18.500	16.1	0.0	4.1	4.1	0.4
10	16.6	25.0	21.0	77.7	19.164	16.8	0.0	9.8	9.8	5.2
11	17.0	24.5	20.3	81.5	19.397	17.0	0.0	4.8	4.8	1.7
12	17.0	24.8	20.6	80.7	19.586	17.2	0.0	0.7	0.7	3.7
13	17.0	25.5	21.3	69.4	17.408	15.3	0.0	0.0	0.0	5.9
14	18.0	26.5	21.3	74.1	18.743	16.4	0.0	23.9	23.9	5.2
15	17.5	26.0	20.8	81.7	19.906	17.4	20.0	22.9	42.9	4.1
16	17.0	24.8	20.0	78.0	18.226	16.0	8.7	7.5	16.2	1.9
17	17.5	27.3	21.5	70.4	18.128	15.9	0.0	0.0	0.0	5.7
18	17.6	25.8	21.5	68.6	17.695	15.4	0.0	0.0	0.0	8.5
19	17.4	27.0	22.5	63.3	17.394	14.8	0.0	0.0	0.0	9.0
20	17.5	26.8	22.8	47.6	13.172	10.9	0.0	34.8	34.8	8.4
21	17.0	26.9	21.4	74.8	18.710	16.4	1.6	1.5	3.1	6.1
22	17.5	26.5	21.4	72.7	18.172	16.0	0.4	3.2	3.6	6.4
23	16.5	27.5	22.0	60.1	15.781	13.8	0.0	0.0	0.0	8.1
24	17.4	27.0	21.7	73.5	18.866	16.6	0.0	3.7	3.7	7.4
25	17.5	25.5	20.9	72.9	18.045	15.9	0.0	0.0	0.0	7.2
26	16.6	25.3	20.3	76.8	18.294	16.0	0.0	15.1	15.1	6.1
27	16.6	25.0	19.7	76.7	17.798	15.6	0.0	0.0	0.0	3.6
28	17.5	25.3	20.8	76.2	18.567	16.3	0.0	92.8	92.8	3.3
29	16.5	26.1	20.6	75.5	18.210	16.0	0.0	0.0	0.0	4.3
30	17.0	25.2	20.7	71.6	17.444	15.3	0.0	6.0	6.0	2.1
31	18.0	23.0	20.5	83.1	20.142	17.6	18.9	8.8	27.7	1.1
PROM.	17.1	25.7	20.8	75.6	18.518	16.2	78.8	349.7	428.5	145.4

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	24.0	19.9	77.4	18.480	16.2	0.0	0.0	0.0	3.0
2	16.5	23.5	20.5	73.8	17.996	15.7	0.7	0.0	0.7	1.6
3	17.4	26.3	21.3	69.8	17.875	15.6	0.0	18.9	18.9	5.0
4	16.7	25.8	20.7	84.6	20.515	17.9	2.0	5.4	7.4	2.0
5	16.5	25.9	21.4	73.9	19.022	16.6	0.0	0.0	0.0	4.7
6	17.4	25.8	20.9	82.2	20.338	17.8	9.3	24.8	34.1	1.5
7	16.5	25.2	20.8	70.7	17.597	15.2	0.0	0.0	0.0	2.9
8	17.0	25.5	21.7	73.5	19.092	16.7	0.6	26.2	26.8	0.6
9	17.6	23.0	20.3	78.9	18.482	16.2	4.5	12.8	17.3	0.5
10	16.6	24.0	21.0	86.4	21.307	18.5	4.4	53.6	58.0	0.7
11	17.0	23.8	20.6	81.4	19.679	17.2	1.2	1.3	2.5	0.6
12	17.6	27.5	22.3	73.1	20.729	18.1	0.5	3.8	4.3	2.6
13	17.5	25.7	21.1	79.3	20.050	17.4	0.0	1.7	1.7	0.7
14	17.7	25.3	21.1	79.2	19.639	17.2	0.0	3.4	3.4	0.3
15	18.0	24.8	19.0	82.6	18.153	15.9	50.1	2.5	52.6	1.5
16	18.0	24.8	20.6	76.4	18.712	16.3	0.0	2.1	2.1	4.3
17	16.5	24.5	20.4	73.9	17.805	15.6	0.0	0.1	0.1	4.9
18	17.8	25.0	20.3	73.1	17.464	15.4	0.0	17.4	17.4	3.8
19	16.5	24.8	20.2	83.9	19.773	17.3	22.4	34.0	56.4	2.5
20	16.8	22.8	19.2	83.9	19.040	16.7	0.8	56.9	57.7	0.0
21	16.3	24.8	20.2	63.8	14.982	12.9	0.0	0.0	0.0	1.9
22	16.8	25.8	20.8	69.8	17.101	15.0	0.0	40.4	40.4	3.8
23	16.5	25.0	19.7	85.3	19.524	17.1	0.2	4.0	4.2	4.2
24	17.3	26.0	20.4	81.8	19.494	17.0	0.0	7.6	7.6	2.3
25	17.5	26.0	21.6	75.7	19.448	17.1	0.1	0.0	0.1	3.0
26	18.0	25.5	21.7	75.9	19.415	17.0	0.0	5.8	5.8	1.9
27	18.0	26.5	21.9	76.2	19.690	17.1	1.3	100.7	102.0	2.9
28	16.5	26.5	21.7	75.9	19.776	17.2	0.0	1.7	1.7	3.6
PROM	17.1	25.1	20.8	77.4	18.971	16.6	98.1	425.1	523.2	67.3

ESTACION: SANTA ELENA MUNICIPIO: MARQUETALIA AÑO: 1.982

ALTITUD: 1.450 LATITUD: 5-18 N. LONGITUD: 75-49 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	23.5	20.5	83.0	20.121	17.4	0.0	0.0	0.0	1.0
2	18.2	25.0	21.1	82.5	20.786	18.1	0.0	14.3	14.3	5.1
3	17.5	27.0	22.0	78.2	20.368	17.7	0.0	8.2	8.2	5.8
4	17.5	25.8	22.2	63.4	17.050	14.8	0.0	0.0	0.0	5.0
5	18.0	24.8	21.5	78.5	20.120	17.5	0.0	8.7	8.7	2.6
6	18.3	25.9	21.0	80.3	19.910	17.4	0.0	0.0	0.0	3.5
7	18.2	26.8	22.6	66.5	18.223	16.0	0.0	0.0	0.0	7.5
8	18.0	25.9	21.0	71.6	18.119	15.5	0.0	0.0	0.0	3.9
9	17.0	24.5	20.7	87.4	21.321	18.5	0.0	28.1	28.1	3.0
10	16.5	26.5	21.9	81.1	21.369	18.4	0.0	28.2	28.2	4.6
11	16.8	23.6	20.3	92.8	22.050	18.9	0.0	47.5	47.5	0.8
12	16.0	23.8	19.8	91.5	20.982	18.2	0.0	1.7	1.7	0.3
13	17.5	25.2	21.3	87.6	22.313	19.1	0.2	70.1	70.3	3.0
14	16.5	25.2	20.3	87.9	21.035	18.3	15.5	0.7	16.2	0.4
15	18.0	25.0	20.3	84.8	20.578	17.9	1.0	0.1	1.1	1.1
16	15.5	25.6	20.4	88.0	20.999	18.2	0.0	0.2	0.2	4.9
17	17.0	23.8	19.7	91.2	21.016	18.3	0.0	5.9	5.9	2.1
18	16.6	24.8	19.4	91.6	20.843	18.1	0.0	1.4	1.4	1.5
19	17.0	24.0	20.1	87.1	20.800	18.0	0.1	0.0	0.1	0.8
20	17.5	23.5	20.1	91.6	21.727	18.8	0.0	0.0	0.0	1.3
21	17.5	25.0	21.3	87.9	22.390	19.2	0.0	0.0	0.0	3.1
22	18.5	26.3	22.3	81.1	21.917	18.9	0.0	0.0	0.0	5.7
23	17.5	24.0	20.5	94.0	22.856	19.6	0.0	1.0	1.0	0.8
24	17.3	23.3	19.9	90.7	21.265	18.5	0.0	0.0	0.0	0.1
25	18.0	25.8	21.4	82.9	21.365	18.4	0.0	44.1	44.1	6.2
26	15.3	23.8	20.3	87.1	21.037	18.1	0.7	0.0	0.7	1.6
27	17.2	26.5	20.3	80.2	19.300	16.9	0.0	0.0	0.0	2.3
28	17.5	24.0	19.6	87.4	20.351	17.7	4.7	0.0	4.7	2.6
29	17.5	24.0	19.3	90.2	20.705	18.0	6.7	0.0	6.7	0.5
30	16.5	25.5	20.8	86.5	21.464	18.6	0.0	3.5	3.5	2.1
31	17.5	23.0	19.5	93.9	21.418	18.6	1.9	0.0	1.9	0.6
PROM.	17.3	24.9	20.7	84.8	20.768	18.0	30.8	263.7	294.5	83.8

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	17.6	22.5	18.7	97.9	20.986	18.3	39.2	1.2	40.4	0.3
2	17.0	24.8	19.0	98.5	21.661	18.8	1.1	0.0	1.1	1.9
3	17.0	23.6	20.3	92.8	22.035	19.0	0.0	24.9	24.9	1.8
4	16.2	21.5	18.6	88.1	18.741	16.5	5.2	0.0	5.2	0.0
5	17.0	26.3	21.3	79.8	20.368	17.7	0.0	16.4	16.4	8.9
6	16.0	22.5	18.6	88.7	19.512	17.1	7.7	1.3	9.0	0.5
7	16.5	25.5	20.1	78.2	18.687	16.3	0.0	14.5	14.5	3.2
8	16.5	23.6	19.8	88.9	20.724	18.1	0.0	7.8	7.8	1.5
9	16.0	24.0	20.1	85.0	19.920	17.4	0.1	28.2	28.3	1.9
10	16.0	23.5	18.7	95.5	20.952	18.2	1.1	0.0	1.1	2.1
11	16.5	24.3	20.6	91.1	22.217	19.1	0.0	29.6	29.6	2.8
12	16.0	23.0	18.5	90.2	19.542	17.1	1.1	5.1	6.2	0.4
13	15.1	23.0	18.8	91.7	19.966	17.5	2.3	11.9	14.2	3.1
14	15.5	24.8	19.9	90.2	21.159	18.4	0.0	1.0	1.0	4.8
15	16.5	25.5	20.1	92.2	21.949	18.9	18.5	0.4	18.9	2.1
16	16.5	25.0	20.5	88.7	21.663	18.8	0.2	32.1	32.3	2.4
17	16.1	23.8	19.0	88.6	19.829	17.3	0.0	6.6	6.6	1.2
18	16.0	23.0	18.5	93.2	19.987	17.5	3.8	5.7	9.5	1.8
19	16.6	24.3	19.7	91.5	21.137	18.4	1.0	2.0	3.0	1.9
20	16.5	24.6	20.1	88.0	20.697	18.0	0.0	41.8	41.8	1.6
21	16.5	22.5	18.4	96.4	20.545	17.9	2.0	0.0	2.0	0.1
22	17.0	24.9	20.9	70.6	17.683	15.1	0.0	45.0	45.0	8.9
23	16.0	22.5	19.6	89.3	20.397	17.8	2.7	0.0	2.7	1.1
24	17.0	25.5	20.9	88.3	21.834	18.7	0.0	0.0	0.0	5.9
25	18.2	26.8	21.9	76.8	20.374	17.7	0.0	0.0	0.0	7.0
26	18.6	26.8	22.3	77.0	20.454	17.8	0.1	0.0	0.1	4.6
27	19.3	27.3	22.8	83.7	23.435	19.9	0.0	46.5	46.5	5.3
28	16.5	22.4	20.2	82.0	19.386	16.8	6.8	0.0	6.8	0.0
29	17.5	27.5	21.7	75.0	19.966	17.2	0.0	9.3	9.3	4.2
30	16.5	27.6	20.1	87.5	20.570	17.9	2.7	0.0	2.7	2.7
PROM	16.7	24.4	20.0	87.5	20.546	17.8	95.6	331.3	426.9	84.0

ESTACION: SANTA ELENA MUNICIPIO: MARQUETALIA AÑO: 1.982

ALTITUD: 1.450 LATITUD: 5-18 N. LONGITUD: 75-49 W.

M E S - MAYO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.6	27.8	22.4	78.6	21.273	18.3	0.0	21.5	21.5	7.2
2	16.0	25.5	20.7	83.8	20.267	17.7	1.7	0.0	1.7	7.0
3	18.3	25.6	21.7	88.8	22.986	19.7	0.2	23.3	23.5	5.6
4	16.5	26.5	21.4	88.3	22.318	19.2	1.0	0.5	1.5	6.2
5	17.0	25.5	20.8	91.5	22.470	19.3	0.0	0.3	0.3	2.6
6	18.0	20.5	19.8	97.9	22.359	19.3	2.3	0.1	2.4	0.0
7	17.5	23.7	20.6	95.4	23.128	19.8	53.4	48.1	101.5	1.9
8	17.0	25.3	20.9	86.5	21.460	18.6	0.1	8.9	9.0	1.3
9	17.5	26.5	22.1	80.3	21.490	18.5	0.0	28.0	28.0	4.7
10	18.0	23.5	20.2	89.8	21.448	18.6	11.9	0.0	11.9	0.3
11	17.5	28.5	22.5	85.6	23.385	20.0	0.0	8.6	8.6	8.2
12	17.6	27.3	22.3	82.2	22.465	19.2	1.1	0.9	2.0	5.5
13	18.5	24.3	21.6	94.6	24.233	20.6	0.4	0.0	0.4	0.2
14	17.5	23.6	20.3	96.0	22.941	19.7	0.3	9.2	9.5	0.1
15	17.5	26.2	21.9	76.0	20.134	17.4	0.0	32.0	32.0	5.1
16	16.5	26.5	21.5	88.8	23.040	19.7	0.0	0.0	0.0	3.2
17	18.5	26.2	21.3	87.0	22.022	19.0	0.0	34.8	34.8	2.3
18	16.0	26.3	20.8	80.1	20.006	17.3	0.0	2.9	2.9	4.9
19	17.5	23.6	20.6	85.7	20.987	18.2	0.0	0.0	0.0	0.6
20	18.0	25.9	21.3	89.9	22.907	19.7	19.8	44.4	64.2	2.7
21	16.6	22.5	19.4	96.7	21.718	18.8	0.4	17.2	17.6	1.2
22	17.0	25.5	19.8	88.8	21.036	18.3	7.2	4.6	11.8	0.3
23	16.8	26.0	21.4	88.9	22.593	19.4	0.3	0.0	0.3	5.2
24	17.6	27.4	20.6	92.6	22.494	19.4	0.0	73.3	73.3	4.2
25	16.0	25.5	20.8	90.2	22.106	19.0	0.0	10.0	10.0	6.1
26	16.5	24.6	20.0	95.1	22.132	19.1	0.0	26.9	26.9	1.3
27	16.5	23.9	20.4	91.6	22.090	19.0	2.7	0.3	3.0	1.6
28	16.5	22.5	20.2	87.1	20.605	17.8	0.4	0.0	0.4	1.9
29	17.7	26.5	21.1	83.3	20.904	18.2	0.2	1.7	1.9	5.4
30	17.6	24.6	20.9	88.8	21.976	19.0	1.3	0.0	1.3	3.6
31	17.5	26.4	22.1	73.9	19.567	17.1	0.0	0.0	0.0	8.3
PROM.	17.3	25.3	21.0	87.9	21.888	18.9	104.7	395.5	500.2	108.7

M E S - JUNIO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	25.5	21.7	69.9	18.024	15.8	0.0	0.0	0.0	4.6
2	17.7	27.5	22.8	61.6	17.155	15.0	0.0	0.0	0.0	6.1
3	18.8	28.0	22.8	71.5	19.912	17.1	0.0	0.0	0.0	8.1
4	18.5	26.6	22.4	82.6	22.778	19.5	0.4	0.0	0.4	2.8
5	18.3	26.8	21.3	87.1	21.959	19.0	0.0	0.0	0.0	2.8
6	18.0	24.8	20.7	90.2	21.945	19.0	0.0	0.0	0.0	2.3
7	18.0	26.0	22.0	70.8	18.650	16.3	0.0	0.0	0.0	9.5
8	17.7	27.2	22.7	71.4	19.706	17.2	0.0	0.0	0.0	9.3
9	18.3	27.5	23.4	74.9	21.334	18.5	0.0	5.1	5.1	6.5
10	17.5	26.9	21.4	76.7	19.309	16.9	0.0	0.0	0.0	6.3
11	18.4	24.9	20.6	86.0	20.957	18.2	6.1	0.9	7.0	1.2
12	17.5	27.3	21.6	81.7	21.092	18.2	0.6	0.1	0.7	2.5
13	18.6	27.5	22.9	74.7	20.598	18.0	0.0	0.0	0.0	6.9
14	17.8	26.5	22.6	76.8	21.119	18.3	1.0	2.9	3.9	7.1
15	18.0	26.6	22.0	79.0	20.667	18.0	0.0	0.0	0.0	7.0
16	17.8	27.5	22.2	71.3	19.334	16.9	0.0	0.0	0.0	8.3
17	18.0	26.5	22.1	63.8	16.649	14.6	0.0	0.0	0.0	6.7
18	17.8	24.6	20.9	83.2	20.360	17.8	0.0	0.0	0.0	0.0
19	17.5	27.8	22.5	64.4	18.017	15.7	0.0	2.8	2.8	8.4
20	16.6	22.9	20.7	73.2	17.812	15.7	17.7	0.0	17.7	0.1
21	17.7	23.0	19.9	77.9	18.142	15.9	0.0	0.0	0.0	0.5
22	17.3	25.1	20.9	68.1	16.717	14.6	0.0	0.0	0.0	10.1
23	18.2	27.3	22.7	57.6	15.555	13.6	0.0	0.0	0.0	8.9
24	18.0	27.1	21.7	70.6	18.538	16.2	0.0	0.0	0.0	4.3
25	17.2	26.2	21.0	78.6	19.484	17.0	0.0	0.0	0.0	8.6
26	17.5	26.6	22.2	62.8	16.935	14.9	0.0	21.0	21.0	9.7
27	15.0	25.2	21.2	79.6	20.484	17.8	0.0	0.0	0.0	6.2
28	19.0	26.0	22.1	54.1	14.467	12.5	0.0	0.1	0.1	10.1
29	18.0	24.8	20.6	69.1	16.449	14.3	0.0	0.0	0.0	7.5
30	18.0	25.3	21.6	53.8	13.968	11.8	0.0	0.0	0.0	7.0
PROM	17.8	26.2	21.8	72.8	18.937	16.5	25.8	32.9	58.7	179.4

ESTACION: SANTA ELENA MUNICIPIO: MARQUETALIA AÑO: 1.982

ALTITUD: 1.450 LATITUD: 5-18 N. LONGITUD: 75-49 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.8	25.0	21.4	61.6	16.193	14.0	0.0	0.0	0.0	5.7
2	17.5	27.3	21.6	67.0	17.725	15.6	0.0	0.0	0.0	0.7
3	17.4	26.5	21.0	67.9	17.094	15.0	0.0	0.0	0.0	6.5
4	17.5	27.0	21.6	74.1	19.025	16.6	0.0	0.7	0.7	5.7
5	17.0	27.0	22.3	63.1	17.275	15.1	0.0	0.0	0.0	6.0
6	16.8	26.0	21.5	71.4	18.415	16.2	0.5	0.1	0.6	2.0
7	18.0	27.8	22.5	59.5	16.266	14.3	0.0	0.0	0.0	6.8
8	17.5	26.4	20.6	74.4	19.050	16.6	4.0	0.0	4.0	5.3
9	16.6	26.5	21.3	68.3	17.350	15.0	0.0	0.0	0.0	10.0
10	17.7	27.2	22.3	57.6	15.399	13.4	0.0	0.0	0.0	8.7
11	17.5	27.5	23.2	72.3	20.697	17.8	0.0	0.0	0.0	4.1
12	18.0	24.2	20.7	76.0	18.865	16.4	0.0	0.4	0.4	0.6
13	17.0	24.5	20.1	80.9	18.950	16.7	0.0	0.0	0.0	2.4
14	17.0	28.3	23.8	39.9	11.499	9.0	0.0	0.0	0.0	10.3
15	19.5	28.8	24.2	33.9	10.217	7.2	0.0	0.0	0.0	10.4
16	19.0	26.0	21.2	47.4	12.083	9.7	0.0	0.0	0.0	3.8
17	17.5	28.5	23.8	34.1	9.460	5.7	0.0	0.0	0.0	9.4
18	17.5	26.0	21.5	66.0	17.025	14.9	1.0	0.0	1.0	4.1
19	17.1	26.6	21.8	56.7	14.449	12.4	0.0	14.9	14.9	2.6
20	15.5	23.5	19.2	75.3	16.290	14.2	0.0	0.0	0.0	7.2
21	16.5	27.0	22.8	46.7	12.188	9.8	0.0	0.0	0.0	10.1
22	17.5	25.0	21.1	50.3	12.237	9.7	0.0	0.0	0.0	10.3
23	16.5	25.5	21.3	48.9	12.180	9.8	0.0	0.0	0.0	7.9
24	16.4	25.4	21.8	47.6	12.643	10.4	0.0	0.0	0.0	8.9
25	17.5	27.0	22.1	48.4	12.800	10.6	0.0	0.0	0.0	7.0
26	17.0	26.7	22.2	60.5	16.064	13.9	0.0	5.9	5.9	5.5
27	16.0	23.7	19.1	95.1	21.375	18.4	0.5	10.7	11.2	1.8
28	15.5	22.5	19.2	86.1	19.247	16.9	1.1	0.0	1.1	2.2
29	16.5	25.6	21.1	70.3	17.302	15.1	0.0	0.0	0.0	5.0
30	16.5	26.9	20.9	77.7	19.089	16.7	0.2	0.0	0.2	4.1
31	17.5	27.8	22.3	59.0	15.172	12.9	0.0	0.0	0.0	6.2
PROM.	17.2	26.2	21.6	62.5	15.923	13.5	7.3	32.7	40.0	181.3

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	28.2	23.1	47.5	13.203	11.1	0.0	0.0	0.0	10.2
2	17.8	26.3	23.1	47.3	13.216	11.0	0.0	0.0	0.0	8.7
3	19.0	28.8	23.6	41.5	12.156	9.9	0.0	0.0	0.0	7.6
4	18.3	28.5	24.5	38.0	11.028	8.2	0.0	0.0	0.0	10.6
5	18.0	29.0	22.9	48.4	13.422	11.1	0.0	24.7	24.7	9.0
6	16.0	25.5	21.2	62.8	15.881	13.6	0.0	12.5	12.5	2.1
7	15.5	24.2	20.8	75.2	18.102	15.8	5.1	1.3	6.4	6.6
8	16.0	25.7	20.1	76.5	18.222	15.9	0.0	0.0	0.0	5.8
9	16.3	26.5	21.5	64.7	16.200	14.0	0.0	0.0	0.0	9.8
10	18.0	27.0	22.6	51.2	13.597	11.4	0.0	0.0	0.0	5.6
11	17.6	25.9	22.6	48.8	12.951	10.8	0.0	0.0	0.0	10.1
12	17.2	27.0	22.5	52.3	13.780	11.7	0.0	0.0	0.0	9.4
13	17.0	27.9	23.0	46.5	12.546	10.2	0.0	0.0	0.0	9.6
14	17.5	27.3	22.8	61.2	16.522	14.3	0.0	0.0	0.0	8.2
15	17.0	27.5	22.7	64.3	16.431	14.2	0.0	7.2	7.2	9.6
16	16.5	26.5	21.4	57.7	14.014	11.9	0.0	0.0	0.0	9.6
17	16.3	27.0	22.7	52.9	13.852	11.8	0.0	0.0	0.0	9.0
18	17.0	26.0	22.0	59.7	15.325	13.3	0.0	0.0	0.0	4.8
19	17.6	27.1	22.5	55.0	14.775	12.8	0.0	0.0	0.0	5.6
20	17.8	25.5	21.1	62.1	15.365	13.4	0.0	0.0	0.0	2.5
21	17.5	28.3	20.3	52.3	12.868	10.2	0.0	0.0	0.0	8.7
22	17.5	28.8	23.4	47.9	13.182	11.0	0.0	0.0	0.0	10.8
23	18.2	27.3	22.7	50.4	13.978	11.8	0.0	0.0	0.0	5.0
24	18.3	28.0	23.3	51.1	14.212	12.1	0.0	0.0	0.0	8.2
25	18.5	28.0	23.4	50.9	14.368	12.3	0.0	0.0	0.0	7.1
26	17.3	27.9	22.5	59.6	15.758	13.7	0.0	0.0	0.0	7.0
27	18.5	28.5	23.7	51.6	14.789	12.7	0.0	0.0	0.0	2.6
28	18.5	28.6	23.8	48.9	13.979	11.9	0.0	0.0	0.0	6.8
29	17.7	30.0	22.8	64.2	17.266	14.8	0.0	0.0	0.0	9.2
30	18.2	26.5	22.7	60.8	16.393	14.4	0.0	0.0	0.0	5.7
31	18.1	26.5	22.0	58.5	15.496	13.5	0.0	0.0	0.0	4.5
PROM	17.5	27.3	22.5	55.2	14.609	12.4	5.1	45.7	50.8	230.0

ESTACION: SANTA ELENA MUNICIPIO: MARQUETALIA AÑO: 1.982

ALTITUD: 1.450 LATITUD: 5-18 N. LONGITUD: 75-49 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	28.8	21.8	71.8	18.769	16.3	0.0	0.0	0.0	7.2
2	18.0	29.0	24.1	52.5	14.893	12.8	0.0	0.0	0.0	9.8
3	19.0	29.6	24.3	47.8	14.099	12.1	0.0	0.0	0.0	6.4
4	18.2	28.6	24.1	51.7	14.747	12.7	0.0	0.0	0.0	6.1
5	18.2	28.7	22.6	60.8	16.132	14.0	0.2	0.0	0.2	5.0
6	18.0	28.7	22.9	49.1	13.373	11.2	0.0	0.0	0.0	6.8
7	19.0	29.3	24.3	50.2	14.523	12.4	0.0	0.0	0.0	8.5
8	17.4	28.7	23.8	66.9	18.694	16.4	2.9	55.0	57.9	7.6
9	14.6	27.0	21.9	77.2	20.471	17.8	0.4	0.0	0.4	3.4
10	16.0	25.6	20.7	83.9	20.230	17.6	0.0	25.8	25.8	2.5
11	16.0	25.5	21.1	80.3	19.748	17.3	0.2	37.2	37.4	6.1
12	16.0	25.4	21.2	80.4	19.642	17.2	0.0	6.7	6.7	5.7
13	16.5	26.0	21.2	84.6	20.976	18.2	0.7	6.1	6.8	8.2
14	15.6	25.0	19.4	87.2	19.626	17.2	0.0	0.0	0.0	3.9
15	17.5	26.0	20.8	87.6	21.596	18.7	0.2	35.5	35.7	5.3
16	14.3	24.5	19.6	81.1	18.541	16.2	0.0	0.4	0.4	4.2
17	15.3	23.5	18.5	92.1	19.675	17.2	0.0	1.8	1.8	1.3
18	16.5	24.0	19.8	93.2	21.581	18.7	0.0	0.0	0.0	1.8
19	17.0	23.0	19.9	86.1	20.170	17.6	0.0	0.0	0.0	0.0
20	17.0	25.2	20.7	81.5	19.953	17.5	0.0	0.0	0.0	5.2
21	17.5	25.0	20.6	88.8	21.798	18.9	0.0	0.0	0.0	4.2
22	17.0	25.3	21.2	74.0	18.533	16.2	0.0	0.0	0.0	2.7
23	17.0	28.6	22.4	82.3	21.713	18.7	0.0	3.0	3.0	6.0
24	17.5	25.5	20.3	91.9	21.873	18.9	0.0	61.7	61.7	3.0
25	15.0	21.6	18.1	97.0	20.046	17.5	8.2	0.6	8.8	0.4
26	16.0	25.5	19.7	87.1	20.043	17.5	0.2	0.0	0.2	3.8
27	17.8	25.7	20.6	84.0	20.447	17.8	0.0	2.2	2.2	6.8
28	15.5	26.0	20.6	81.7	19.575	17.2	0.0	2.9	2.9	2.4
29	16.0	24.5	20.1	80.9	18.947	16.6	0.1	9.9	10.0	3.7
30	16.5	24.5	20.6	88.2	21.340	18.5	0.6	9.7	10.3	4.7
PROM.	16.8	26.1	21.2	77.4	19.058	16.6	13.7	258.5	272.2	142.7

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	23.5	18.8	93.4	20.644	18.0	15.6	0.0	15.6	0.9
2	17.0	26.2	20.2	85.5	20.793	18.0	0.0	12.5	12.5	4.8
3	15.5	22.8	19.0	94.1	20.574	17.9	0.0	0.0	0.0	2.6
4	16.5	25.2	20.2	80.3	19.034	16.7	0.0	11.4	11.4	7.3
5	16.3	24.5	19.5	90.6	20.562	17.9	0.0	0.0	0.0	4.7
6	16.5	26.0	20.6	76.0	18.368	16.0	0.0	0.0	0.0	6.2
7	17.8	26.8	20.4	85.8	20.437	17.9	0.0	49.8	49.8	3.3
8	15.8	25.6	20.1	86.8	20.546	17.8	0.1	7.4	7.5	3.8
9	16.5	23.0	19.3	93.2	21.004	18.2	4.4	167.1	171.5	2.4
10	15.6	21.0	18.1	93.6	19.532	17.1	4.8	0.0	4.8	0.6
11	16.8	25.6	20.9	66.7	16.773	14.7	0.0	0.0	0.0	7.4
12	17.5	24.5	19.9	93.4	21.776	18.8	0.0	0.0	0.0	1.9
13	17.0	26.0	20.6	89.0	21.688	18.8	0.0	9.4	9.4	3.5
14	16.0	25.5	20.8	69.2	17.218	15.1	0.0	26.6	26.6	5.6
15	14.5	25.0	20.2	81.4	19.377	16.9	0.0	0.0	0.0	8.6
16	17.6	24.3	20.6	86.9	21.279	18.4	4.0	3.7	7.7	5.2
17	16.5	24.8	20.1	86.6	20.128	17.6	0.0	19.1	19.1	4.4
18	16.5	24.0	20.0	86.9	20.392	17.8	0.0	19.9	19.9	5.1
19	17.0	23.2	18.9	82.1	18.078	15.9	0.0	0.6	0.6	8.4
20	17.0	23.3	19.3	87.0	19.692	17.2	0.0	45.0	45.0	4.9
21	16.2	24.0	19.2	94.2	21.052	18.3	0.8	61.4	62.2	1.5
22	15.8	24.5	20.1	90.6	21.449	18.5	0.0	37.1	37.1	2.1
23	15.5	24.8	19.8	87.7	20.316	17.7	1.6	5.4	7.0	2.9
24	16.0	23.9	19.6	88.1	20.268	17.7	1.4	0.2	1.6	1.8
25	17.0	24.0	20.2	87.3	20.976	18.2	0.0	0.4	0.4	2.1
26	16.0	21.0	18.5	97.6	21.078	18.3	6.7	0.0	6.7	0.4
27	16.5	23.7	19.8	74.1	17.135	15.1	0.0	0.6	0.6	1.2
28	15.3	22.0	19.1	93.3	20.821	18.1	0.4	0.0	0.4	2.1
29	17.2	25.0	20.5	87.8	21.268	18.5	0.0	0.0	0.0	4.4
30	17.0	25.5	20.7	76.9	18.966	16.4	0.0	0.0	0.0	6.3
31	16.5	25.5	20.9	89.3	22.541	19.4	0.0	14.1	14.1	4.7
PROM	16.4	24.3	19.9	86.3	20.121	17.5	39.8	491.7	531.5	121.1

ESTACION: SANTA ELENA MUNICIPIO: MARQUETALIA AÑO: 1.982

ALTITUD: 1.450 LATITUD: 5-18 N. LONGITUD: 75-49 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	24.0	19.8	90.0	20.877	18.2	0.9	26.7	27.6	1.8
2	15.5	25.5	20.1	82.9	19.585	17.1	0.0	0.5	0.5	2.1
3	16.5	24.5	19.6	89.2	20.507	17.9	1.5	23.6	25.1	1.9
4	16.0	20.0	17.6	97.2	19.714	17.3	0.5	0.0	0.5	0.0
5	16.5	24.7	20.0	87.3	20.561	18.0	0.0	7.2	7.2	2.8
6	15.0	22.8	19.0	91.4	20.141	17.6	1.0	0.1	1.1	0.4
7	16.8	25.0	20.3	92.2	22.192	19.1	0.0	9.7	9.7	2.6
8	16.5	25.6	20.8	89.7	22.260	19.2	0.0	0.0	0.0	4.0
9	18.0	26.5	21.4	86.5	22.469	19.3	0.0	0.0	0.0	6.3
10	19.0	27.6	22.2	84.3	22.983	19.7	0.0	22.5	22.5	6.3
11	17.5	24.5	19.9	93.2	21.969	19.0	0.0	22.2	22.2	0.5
12	16.8	24.0	20.1	87.7	20.790	18.0	1.2	3.4	4.6	2.1
13	17.0	24.5	20.5	86.8	21.179	18.4	0.0	0.0	0.0	3.6
14	17.5	26.3	21.4	81.5	21.435	18.3	0.0	0.0	0.0	4.4
15	19.2	27.4	22.1	77.4	20.925	18.2	0.0	0.0	0.0	7.0
16	19.0	24.2	20.8	85.7	21.419	18.5	0.0	21.3	21.3	0.3
17	16.5	22.0	18.7	92.9	20.036	17.5	0.6	0.0	0.6	0.8
18	17.0	25.0	20.1	81.3	19.379	16.7	0.0	0.0	0.0	2.1
19	18.5	25.5	20.8	90.4	22.458	19.3	0.0	12.1	12.1	3.8
20	17.5	22.0	19.0	94.3	21.027	18.3	0.3	0.0	0.3	0.0
21	17.8	24.8	20.3	86.2	20.585	17.9	1.9	7.6	9.5	1.7
22	17.0	22.0	18.5	93.8	20.249	17.6	5.6	35.8	41.4	1.8
23	16.5	22.5	19.1	94.1	21.058	18.3	0.0	0.0	0.0	2.7
24	17.0	23.0	19.6	93.1	21.473	18.6	0.0	0.0	0.0	1.3
25	18.0	25.8	20.2	90.4	21.568	18.7	0.0	0.0	0.0	4.5
26	17.5	25.2	19.9	86.7	20.432	17.8	0.0	0.0	0.0	3.0
27	16.8	24.5	20.4	90.2	21.784	18.8	2.8	2.4	5.2	5.1
28	15.5	25.8	20.0	83.0	19.536	17.0	7.9	0.3	8.2	6.6
29	16.5	25.5	20.2	88.8	20.877	18.1	0.0	0.0	0.0	4.1
30	17.5	25.8	20.8	88.0	21.790	18.9	3.3	0.0	3.3	5.0
PROM.	17.1	24.6	20.1	88.5	21.042	18.2	27.5	195.4	222.9	88.6

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	25.6	20.6	91.0	22.279	19.2	0.0	0.0	0.0	3.8
2	18.0	26.7	22.0	82.7	22.210	19.1	0.0	0.0	0.0	6.7
3	18.5	26.6	21.5	91.3	23.557	20.1	0.0	0.6	0.6	4.8
4	17.0	23.5	20.4	92.5	22.419	19.3	0.0	0.0	0.0	0.1
5	17.1	25.8	19.6	85.2	19.905	17.4	3.2	0.0	3.2	3.0
6	17.5	25.0	20.5	85.1	20.627	17.9	0.0	13.0	13.0	5.0
7	17.5	25.2	20.7	91.4	22.456	19.3	0.0	51.4	51.4	4.4
8	16.5	24.5	20.1	77.5	18.915	16.3	0.3	0.0	0.3	1.9
9	15.5	22.5	19.7	92.1	21.357	18.5	0.0	0.0	0.0	0.0
10	16.5	24.0	20.0	91.3	21.682	18.8	7.0	0.1	7.1	0.8
11	17.0	24.2	20.2	88.8	21.253	18.4	0.0	0.8	0.8	2.5
12	17.8	25.5	21.0	87.9	22.062	19.0	0.0	14.4	14.4	1.9
13	17.5	24.5	20.7	87.2	21.425	18.6	0.0	12.3	12.3	1.8
14	16.8	25.5	20.9	90.1	22.700	19.5	0.0	0.0	0.0	5.8
15	18.5	26.6	21.1	89.1	22.622	19.4	0.0	0.0	0.0	4.9
16	18.0	27.8	22.0	80.7	21.702	18.6	0.0	34.4	34.4	5.4
17	17.0	22.5	19.0	93.2	20.751	18.1	0.0	1.5	1.5	1.1
18	16.0	21.5	18.6	96.5	21.097	18.3	0.0	11.9	11.9	0.0
19	15.5	25.5	20.5	92.2	22.526	19.3	0.0	0.0	0.0	2.3
20	17.0	24.5	20.1	89.2	21.447	18.6	0.0	0.2	0.2	1.2
21	17.5	24.7	20.6	90.3	22.025	19.0	0.0	6.6	6.6	2.9
22	17.2	25.8	20.7	74.7	18.333	16.1	0.0	0.0	0.0	5.2
23	17.0	25.5	20.6	86.8	21.286	18.4	0.0	0.0	0.0	3.3
24	18.0	25.7	21.3	86.6	22.269	19.1	0.0	63.3	63.3	3.0
25	16.5	25.6	20.8	76.0	18.778	16.5	1.1	0.0	1.1	1.8
26	16.8	24.7	21.0	83.8	20.896	18.1	0.0	0.4	0.4	5.0
27	16.6	20.5	18.1	93.8	19.515	17.1	15.4	0.1	15.5	0.0
28	16.5	24.5	19.6	90.9	20.932	18.2	0.0	0.0	0.0	2.1
29	16.7	20.5	18.9	93.0	20.334	17.7	0.0	0.0	0.0	0.0
30	16.5	23.5	19.0	93.8	20.798	18.1	0.0	0.0	0.0	0.8
31	16.0	25.5	21.7	84.0	22.049	18.9	0.0	1.6	1.6	7.8
PROM	17.0	24.6	20.4	88.0	21.297	18.4	27.0	212.6	239.6	89.3

ESTACION: SANTA ELENA MUNICIPIO MARQUETALIA AÑO: 1.982

ALTITUD: 1.450 LATITUD: 5-18 N. LONGITUD: 75-49 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	17.1	25.7	20.8	16.0	27.5	75.6	18.518	16.2	428.5	23	145.4
FEBRERO	17.1	25.1	20.8	16.3	27.5	77.4	18.971	16.6	523.2	24	67.3
MARZO	17.3	24.9	20.7	15.3	27.0	84.8	20.768	18.0	294.5	21	83.8
ABRIL	16.7	24.4	20.0	15.1	27.6	87.5	20.546	17.8	426.9	28	84.0
MAYO	17.3	25.3	21.0	16.0	28.5	87.9	21.888	18.9	500.2	28	108.7
JUNIO	17.8	26.2	21.8	15.0	28.0	72.8	18.937	16.5	58.7	9	179.4
JULIO	17.2	26.2	21.6	15.5	28.8	62.5	15.923	13.5	40.0	10	181.3
AGOSTO	17.5	27.3	22.5	15.5	30.0	55.2	14.609	12.4	50.8	4	230.0
SEPTIEMBRE	16.8	26.1	21.2	14.3	29.6	77.4	19.058	16.6	272.2	18	142.7
OCTUBRE	16.4	24.3	19.9	14.5	26.8	86.3	20.121	17.5	531.5	23	121.1
NOVIEMBRE	17.1	24.6	20.1	15.0	27.6	88.5	21.042	18.2	222.9	19	88.6
DICIEMBRE	17.0	24.6	20.4	15.5	27.8	88.0	21.297	18.4	239.6	19	89.3
PROMEDIO	17.1	25.4	20.9	15.3	28.1	78.7	19.307	16.7			
TOTAL									3589.0	226	1521.6

ESTACION: AGRONOMIA MUNICIPIO: MANIZALES AÑO: 1.982

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	14.5	18.2	15.4	90.7	15.984	14.0	1.2	0.0	1.2	0.2
2	12.0	20.0	15.4	87.6	15.367	13.4	4.6	12.0	16.6	2.0
3	12.3	19.0	15.5	85.6	14.909	12.9	3.5	38.3	41.8	1.2
4	13.0	20.0	14.4	93.2	15.442	13.5	34.2	26.3	60.5	5.7
5	12.5	17.5	14.9	90.4	15.194	13.2	0.0	20.8	20.8	0.0
6	12.5	21.8	16.0	86.5	15.631	13.6	3.2	28.7	31.9	0.0
7	13.0	19.3	15.8	87.9	15.634	13.7	18.2	3.1	21.3	2.9
8	11.5	22.5	16.3	79.1	14.461	12.4	0.0	2.9	2.9	7.7
9	14.0	20.8	15.8	91.3	16.313	14.3	6.8	1.3	8.1	1.5
10	12.5	20.7	16.4	83.5	15.455	13.4	4.4	0.0	4.4	1.5
11	13.0	22.3	17.9	77.0	15.576	13.6	0.0	0.0	0.0	5.7
12	12.6	24.0	17.7	74.4	14.844	12.9	0.0	0.0	0.0	7.3
13	12.4	23.5	17.8	73.8	14.815	12.8	0.0	0.0	0.0	5.8
14	13.0	23.4	17.7	76.0	15.233	13.2	0.0	8.9	8.9	8.0
15	12.0	23.1	17.5	79.1	15.431	13.4	0.0	0.0	0.0	8.2
16	12.4	24.0	17.6	71.9	14.191	12.1	0.0	0.0	0.0	8.0
17	13.5	24.4	18.4	69.0	14.220	12.2	0.0	0.0	0.0	8.9
18	12.5	24.8	17.8	74.0	14.906	12.9	0.0	0.0	0.0	9.7
19	13.0	24.2	17.6	70.0	13.879	11.8	0.0	0.0	0.0	9.4
20	13.0	24.6	18.3	72.0	14.857	12.8	0.0	0.0	0.0	9.2
21	13.8	24.6	18.7	67.7	14.243	12.2	0.0	0.0	0.0	9.3
22	12.5	25.0	18.1	71.0	14.584	12.5	0.0	0.0	0.0	9.5
23	12.5	24.9	18.6	69.4	14.350	12.3	0.0	0.0	0.0	9.2
24	13.0	24.3	18.0	75.4	15.058	13.1	0.0	7.5	7.5	7.0
25	12.5	20.3	15.7	87.6	15.482	13.5	0.1	0.0	0.1	2.0
26	11.5	23.6	14.6	81.2	13.649	11.5	13.7	0.4	14.1	6.6
27	11.5	19.5	15.2	87.4	15.210	13.2	11.3	0.0	11.3	1.0
28	12.5	20.0	15.2	85.1	14.721	12.7	5.1	0.3	5.4	2.2
29	12.5	22.4	16.2	77.8	14.350	12.3	0.6	0.0	0.6	5.8
30	12.8	20.7	15.8	83.2	14.955	12.9	1.3	0.0	1.3	2.3
31	13.4	21.5	16.0	79.9	14.480	12.4	6.4	0.0	6.4	4.3
PROM.	12.7	22.1	16.7	80.0	14.949	12.9	114.6	150.5	265.1	162.1

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.0	21.6	17.3	77.8	15.153	13.1	0.0	0.0	0.0	4.5
2	12.5	20.5	15.5	84.2	15.054	13.0	2.4	0.0	2.4	2.9
3	11.5	23.8	17.1	78.1	14.786	12.7	0.0	0.2	0.2	6.7
4	14.5	22.2	16.8	81.5	15.528	13.5	4.0	0.0	4.0	4.3
5	13.3	21.5	15.6	82.7	14.880	12.9	4.6	0.0	4.6	3.2
6	12.5	22.3	16.4	80.3	14.926	12.9	0.0	6.7	6.7	2.4
7	14.5	21.8	17.4	87.1	17.091	15.0	0.7	0.0	0.7	2.7
8	13.5	22.6	17.6	80.1	15.986	13.9	0.0	0.0	0.0	4.4
9	13.5	21.9	17.4	80.9	15.825	13.8	0.0	62.2	62.2	3.4
10	13.5	21.5	17.1	83.0	16.116	14.1	0.0	22.3	22.3	1.4
11	13.5	23.0	17.7	83.5	16.620	14.6	1.1	6.4	7.5	7.2
12	12.0	21.0	16.8	83.8	16.107	14.0	0.0	16.1	16.1	3.9
13	13.0	22.0	17.3	82.7	16.132	14.1	0.0	1.6	1.6	1.0
14	14.0	20.2	16.9	86.3	16.352	14.4	0.2	39.8	40.0	1.9
15	13.5	20.9	16.5	87.0	16.294	14.3	0.0	0.0	0.0	0.3
16	13.5	23.7	17.4	76.0	14.945	13.0	0.2	18.0	18.2	5.6
17	13.0	22.8	16.9	83.0	15.945	14.0	1.3	0.7	2.0	6.3
18	14.6	22.0	17.1	75.3	14.655	12.7	0.0	0.9	0.9	4.8
19	14.0	18.0	14.9	90.7	15.495	13.5	1.9	0.5	2.4	0.5
20	13.5	18.0	15.3	90.7	15.801	13.8	1.4	8.1	9.5	0.0
21	13.5	22.9	17.5	77.5	15.141	13.2	0.0	0.0	0.0	7.6
22	14.5	21.0	17.1	84.2	16.360	14.3	0.0	0.0	0.0	3.0
23	13.0	23.0	16.5	79.2	14.792	12.8	1.0	0.0	1.0	3.0
24	12.5	22.5	17.2	73.5	14.171	12.2	0.0	0.0	0.0	4.1
25	13.5	23.5	17.5	78.0	15.286	13.3	0.0	0.0	0.0	5.4
26	14.0	23.5	16.9	76.8	14.983	13.0	0.0	0.0	0.0	3.4
27	14.6	23.0	17.4	78.1	15.564	13.6	0.0	0.0	0.0	1.9
28	14.6	22.0	17.4	84.0	16.535	14.5	0.2	1.4	1.6	1.7
PROM	13.5	21.9	16.9	81.6	15.590	13.6	19.0	184.9	203.9	97.5

ESTACION: AGRONOMIA MUNICIPIO: MANIZALES AÑO: 1.982

ALTITUD: 2.150 LATITUD: 5-03 N. LONGITUD: 75-29 W.

M E S – MARZO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	20.2	16.9	88.3	17.075	15.0	0.8	20.1	20.9	0.2
2	13.5	22.0	16.4	87.0	16.258	14.3	6.2	11.8	18.0	4.0
3	13.0	24.0	18.0	79.5	15.784	13.7	0.0	0.0	0.0	8.9
4	15.0	20.2	16.6	86.8	16.500	14.5	0.2	1.0	1.2	1.9
5	13.5	22.0	16.9	87.1	16.504	14.5	1.7	0.0	1.7	3.4
6	13.9	22.3	17.1	81.7	15.796	13.8	0.3	0.0	0.3	4.5
7	13.3	24.0	17.9	68.4	13.798	11.7	0.0	0.0	0.0	8.6
8	12.5	24.0	16.2	70.3	13.006	10.8	3.9	0.0	3.9	8.0
9	11.5	23.8	16.4	78.3	14.185	12.1	0.0	0.0	0.0	6.9
10	11.5	23.7	17.7	77.5	15.312	13.4	0.0	25.2	25.2	5.6
11	11.5	20.0	15.6	90.5	16.251	14.3	6.3	1.0	7.3	0.9
12	14.0	18.0	15.4	93.6	16.528	14.5	15.4	0.0	15.4	0.0
13	13.5	23.5	16.8	77.3	14.857	12.9	0.7	0.8	1.5	3.7
14	14.0	19.0	16.2	84.2	15.328	13.4	0.6	0.2	0.8	0.1
15	13.5	23.5	18.0	76.9	15.612	13.6	0.0	7.9	7.9	6.4
16	12.5	23.5	17.2	82.0	15.655	13.7	0.0	10.3	10.3	4.9
17	12.5	23.6	17.1	80.6	15.552	13.5	0.0	0.0	0.0	6.6
18	12.5	22.9	16.6	83.3	15.877	13.8	0.2	0.0	0.2	2.4
19	12.4	22.3	18.2	77.6	15.928	13.9	0.0	0.3	0.3	4.3
20	14.0	22.2	17.4	75.6	14.994	13.0	0.0	0.0	0.0	2.4
21	13.4	24.0	17.8	75.8	15.187	13.2	0.0	0.0	0.0	6.4
22	13.5	23.4	17.8	78.9	15.906	13.9	0.0	6.5	6.5	3.0
23	13.5	20.5	16.2	79.2	14.665	12.7	2.4	0.0	2.4	0.6
24	13.5	21.5	16.0	90.6	16.260	14.2	12.7	0.0	12.7	2.0
25	13.5	23.8	18.2	80.3	16.549	14.5	0.0	2.7	2.7	6.2
26	13.5	20.6	16.7	83.3	16.008	13.9	0.0	0.0	0.0	0.7
27	12.5	22.0	16.6	78.5	14.957	13.0	4.6	0.0	4.6	5.5
28	12.5	22.3	17.0	86.9	16.646	14.6	0.3	6.3	6.6	1.5
29	12.5	19.9	16.4	91.5	17.123	15.1	12.9	0.0	12.9	1.0
30	12.5	20.5	16.7	84.4	16.170	14.1	0.2	0.0	0.2	2.8
31	12.5	21.5	17.3	78.0	14.970	13.0	0.0	0.0	0.0	2.0
PROM.	13.1	22.1	16.9	81.7	15.653	13.6	69.4	94.1	163.5	115.4

M E S – ABRIL

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	21.5	17.2	86.4	17.031	15.0	1.0	0.5	1.5	2.6
2	15.0	20.0	16.7	90.3	17.165	15.1	2.1	0.0	2.1	0.1
3	14.5	20.0	16.8	88.9	17.022	14.9	1.4	1.9	3.3	0.4
4	14.5	19.0	15.3	93.0	16.139	14.1	38.7	0.0	38.7	0.4
5	13.5	19.5	15.5	88.7	15.678	13.7	0.7	5.9	6.6	2.2
6	13.5	22.0	15.8	85.3	15.411	13.5	52.3	0.6	52.9	1.8
7	13.0	21.2	17.2	76.0	14.646	12.6	0.0	0.0	0.0	0.9
8	13.0	21.0	15.3	89.5	15.730	13.8	7.2	0.4	7.6	1.7
9	14.0	21.6	16.2	86.0	16.069	14.0	1.0	23.2	24.2	0.0
10	12.5	19.5	16.0	89.8	16.227	14.2	0.2	0.0	0.2	1.1
11	12.5	21.0	15.9	81.8	14.788	12.8	0.6	39.1	39.7	1.3
12	12.0	20.4	16.2	76.0	13.628	11.6	0.8	30.0	30.8	4.0
13	11.5	22.0	16.8	74.9	13.951	11.9	0.0	0.5	0.5	7.7
14	11.5	23.0	17.7	77.0	15.298	13.3	0.0	2.3	2.3	4.1
15	13.5	24.3	18.5	73.1	15.047	13.1	0.0	4.9	4.9	9.0
16	13.5	22.7	17.4	82.1	16.317	14.3	0.0	4.9	4.9	6.6
17	13.5	20.0	16.7	83.8	15.893	13.9	0.3	0.0	0.3	0.5
18	14.0	19.2	16.2	87.3	16.088	14.1	7.3	19.4	26.7	1.7
19	11.5	22.5	17.5	79.0	15.328	13.3	0.0	13.3	13.3	9.2
20	14.0	22.5	17.4	83.8	16.428	14.4	0.0	28.6	28.6	2.3
21	13.5	19.4	15.5	92.5	16.187	14.2	2.6	0.0	2.6	2.5
22	13.0	21.5	17.2	78.6	15.306	13.3	0.0	0.0	0.0	5.7
23	14.0	22.0	16.0	87.0	16.158	14.1	0.7	0.0	0.7	1.7
24	13.0	22.0	17.6	77.2	15.102	13.0	0.0	0.0	0.0	5.4
25	13.0	24.5	18.4	78.8	16.560	14.5	0.0	0.0	0.0	5.8
26	14.8	22.5	16.6	81.6	15.785	13.8	11.3	0.0	11.3	2.9
27	13.1	21.5	17.5	81.8	16.210	14.1	0.0	4.2	4.2	2.8
28	14.0	21.5	15.6	89.5	16.030	14.1	10.1	0.7	10.8	0.0
29	12.5	21.5	16.5	83.1	15.654	13.6	0.2	0.3	0.5	4.6
30	13.5	22.0	16.5	77.1	14.462	12.5	0.0	0.3	0.3	5.4
PROM	13.3	21.4	16.7	83.3	15.711	13.7	138.5	181.0	319.5	94.4

ESTACION: AGRONOMIA MUNICIPIO: MANIZALES AÑO: 1.982

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	13.5	21.5	16.5	85.5	16.226	14.2	2.9	6.1	9.0	3.2
2	13.5	21.5	16.5	84.7	15.810	13.8	11.6	0.0	11.6	2.3
3	13.5	21.4	16.6	88.9	16.956	14.8	3.0	22.3	25.3	2.2
4	13.0	22.5	15.8	88.5	16.218	14.2	29.8	0.0	29.8	3.5
5	13.0	21.5	15.9	83.8	15.268	13.3	0.0	0.0	0.0	4.6
6	14.0	25.0	16.9	79.9	15.449	13.4	6.7	0.0	6.7	1.1
7	14.5	25.0	17.9	84.4	17.210	15.1	0.0	5.9	5.9	1.9
8	14.5	19.0	16.6	89.6	16.865	14.7	0.6	9.2	9.8	0.4
9	13.5	20.0	16.6	83.6	15.701	13.7	1.5	5.5	7.0	1.6
10	13.5	20.5	16.5	87.7	16.294	14.3	0.0	0.0	0.0	1.9
11	12.5	23.0	17.4	82.6	16.122	14.0	0.1	10.4	10.5	8.6
12	14.0	22.1	17.7	76.9	15.428	13.5	0.3	0.0	0.3	6.3
13	13.5	21.0	15.5	90.8	16.345	14.2	17.3	0.0	17.3	3.6
14	13.5	19.8	16.6	84.5	15.930	13.9	1.0	0.0	1.0	3.1
15	13.5	19.0	15.3	92.6	15.893	13.9	15.1	0.0	15.1	0.7
16	13.5	19.5	16.0	91.9	16.590	14.6	7.6	0.0	7.6	0.9
17	13.5	21.7	16.4	83.9	15.652	13.6	13.8	48.9	62.7	3.3
18	13.0	22.5	16.1	78.3	14.060	12.0	22.3	1.7	24.0	3.8
19	13.5	21.0	16.8	81.5	15.728	13.7	1.7	0.0	1.7	1.6
20	13.5	20.7	16.2	85.5	15.674	13.7	0.8	21.0	21.8	1.7
21	13.5	18.7	15.1	88.5	15.375	13.4	17.0	0.8	17.8	0.6
22	13.5	18.0	15.5	91.6	16.104	14.1	3.9	7.2	11.1	0.3
23	13.5	20.2	16.7	85.9	16.199	14.2	1.3	0.0	1.3	4.6
24	13.5	21.0	16.7	83.1	15.716	13.7	6.9	5.8	12.7	4.0
25	14.0	18.0	15.7	92.1	16.420	14.4	2.0	1.1	3.1	1.3
26	13.5	18.5	15.8	88.4	15.864	13.9	13.6	4.7	18.3	1.0
27	13.5	20.3	16.8	85.2	16.122	14.1	0.4	0.0	0.4	1.3
28	13.5	18.6	16.3	91.2	16.720	14.7	0.9	0.0	0.9	0.8
29	13.5	19.0	15.4	89.9	15.751	13.8	6.4	0.0	6.4	0.8
30	13.2	20.7	16.6	80.8	15.284	13.3	1.9	0.0	1.9	3.5
31	14.0	19.5	16.5	86.5	16.475	14.4	4.8	0.0	4.8	1.8
PROM.	13.5	20.7	16.4	86.1	15.982	14.0	195.2	150.6	345.8	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	14.0	20.9	17.7	85.9	17.282	15.2	0.0	0.0	0.0	1.9
2	14.0	22.5	17.7	70.1	13.893	11.8	0.0	0.0	0.0	5.8
3	14.4	22.5	17.1	79.0	15.512	13.5	9.2	0.0	9.2	3.3
4	14.0	19.0	16.4	91.9	17.035	15.0	6.8	0.0	6.8	0.5
5	12.5	19.5	15.9	87.8	15.621	13.6	2.7	1.0	3.7	3.7
6	13.5	21.1	16.9	78.2	15.138	13.1	3.6	0.0	3.6	3.3
7	12.5	21.7	16.5	83.5	15.783	13.8	22.5	0.0	22.5	5.3
8	13.5	21.5	17.4	79.6	15.805	13.7	3.5	0.0	3.5	5.3
9	12.5	19.5	16.3	86.0	16.075	14.0	3.0	13.9	16.9	2.1
10	13.5	23.0	17.7	77.0	15.059	13.0	0.0	0.0	0.0	6.4
11	13.5	22.6	16.9	81.5	15.917	13.9	19.1	0.0	19.1	2.8
12	13.0	21.5	16.9	83.3	15.806	13.7	0.0	0.0	0.0	5.8
13	13.4	22.3	16.6	72.9	13.702	11.6	0.4	0.0	0.4	6.0
14	14.0	22.6	17.9	76.4	15.475	13.5	0.0	0.0	0.0	7.1
15	14.4	23.5	18.7	75.6	15.960	14.0	0.0	0.0	0.0	7.4
16	13.5	21.5	17.6	78.2	15.589	13.6	0.0	0.0	0.0	4.1
17	13.5	21.5	17.7	80.7	16.287	14.3	1.0	0.0	1.0	2.3
18	14.0	21.5	16.2	88.5	16.489	14.5	38.3	0.3	38.6	1.7
19	13.5	21.6	15.1	86.6	15.353	13.2	23.3	0.0	23.3	3.6
20	12.5	20.8	16.3	83.7	15.424	13.4	0.6	0.0	0.6	3.1
21	13.3	21.5	16.6	82.3	15.387	13.4	0.0	0.0	0.0	5.2
22	14.2	23.0	17.6	79.0	15.613	13.7	0.0	0.0	0.0	7.1
23	14.0	23.5	17.7	73.7	14.793	12.8	0.0	0.0	0.0	6.4
24	13.5	20.0	16.2	83.4	15.409	13.3	0.9	0.0	0.9	1.7
25	13.0	22.0	17.0	80.9	15.374	13.4	0.0	0.0	0.0	6.9
26	14.0	22.3	17.9	80.6	16.187	14.1	0.0	0.0	0.0	6.2
27	14.0	21.5	17.0	84.1	16.225	14.2	0.0	0.0	0.0	4.3
28	14.0	23.8	18.4	77.2	15.946	13.9	0.0	0.0	0.0	9.7
29	14.0	22.5	18.7	70.2	14.614	12.6	0.0	0.0	0.0	6.9
30	14.0	24.3	18.3	69.1	14.310	12.3	0.0	0.0	0.0	7.3
PROM	13.6	21.8	17.2	80.2	15.569	13.5	134.9	15.2	150.1	143.2

ESTACION: AGRONOMIA MUNICIPIO: MANIZALES AÑO: 1.982

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	14.0	23.3	18.5	67.7	14.010	12.0	0.0	0.0	0.0	8.5
2	14.0	23.5	17.4	71.6	13.865	11.8	0.0	0.0	0.0	4.7
3	13.5	21.4	17.7	76.9	15.184	13.2	0.3	0.0	0.3	3.6
4	13.6	21.5	16.8	82.1	15.602	13.6	0.2	0.1	0.3	4.6
5	13.5	20.0	15.7	84.7	15.197	13.2	7.7	0.0	7.7	3.4
6	12.5	21.0	16.8	80.7	15.200	13.2	0.0	14.4	14.4	6.1
7	13.5	23.0	17.3	80.7	15.788	13.8	0.0	0.0	0.0	7.3
8	13.5	22.2	16.3	81.9	15.264	13.3	1.6	0.0	1.6	5.7
9	12.5	23.5	17.9	77.4	15.305	13.3	0.0	0.0	0.0	6.8
10	14.0	22.5	17.4	76.9	15.265	13.3	0.2	0.0	0.2	8.0
11	13.5	21.0	17.1	82.9	16.037	14.0	1.9	1.0	2.9	4.7
12	14.0	19.9	16.1	92.2	16.851	14.8	2.1	1.0	3.1	1.3
13	13.0	21.5	17.1	78.8	15.073	13.1	0.0	0.0	0.0	5.8
14	13.5	24.8	18.9	67.8	14.211	12.1	0.5	0.0	0.5	10.9
15	13.0	24.0	17.7	73.1	14.375	12.3	0.0	0.0	0.0	7.9
16	14.5	22.5	17.1	70.5	13.702	11.6	0.0	0.0	0.0	5.7
17	13.5	23.8	18.8	69.9	14.581	12.6	0.0	0.0	0.0	10.1
18	13.5	21.8	17.5	76.4	15.054	13.0	0.0	0.0	0.0	2.1
19	13.5	22.0	17.3	83.2	16.154	14.1	0.0	0.0	0.0	1.0
20	13.5	19.0	15.2	85.3	14.772	12.8	0.0	0.0	0.0	1.5
21	12.5	23.9	17.8	64.4	12.644	10.4	0.0	0.0	0.0	11.0
22	13.5	23.5	17.9	71.3	14.093	12.1	0.0	0.0	0.0	8.1
23	14.5	23.2	17.8	68.6	13.739	11.7	0.0	0.0	0.0	6.3
24	12.5	23.5	17.7	60.3	11.822	9.4	0.0	0.0	0.0	8.2
25	13.5	22.5	18.1	73.4	15.048	13.0	0.0	0.0	0.0	4.8
26	12.5	19.0	16.5	88.7	16.668	14.6	1.0	10.4	11.4	2.4
27	13.5	19.0	15.6	91.4	16.118	14.1	2.3	2.7	5.0	1.1
28	12.5	18.0	15.3	89.6	15.510	13.5	0.6	0.0	0.6	0.3
29	12.5	21.4	16.3	80.8	14.705	12.7	0.8	0.4	1.2	3.6
30	12.5	22.2	17.3	75.6	14.465	12.5	0.0	0.0	0.0	6.5
31	14.0	23.5	17.8	62.1	12.606	10.4	0.0	0.0	0.0	7.8
PROM.	13.4	22.0	17.2	77.0	14.803	12.8	19.2	30.0	49.2	169.8

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	13.5	23.3	18.1	73.8	14.904	12.9	0.0	0.0	0.0	7.2
2	14.5	22.0	18.0	74.1	14.836	12.8	0.0	0.0	0.0	5.8
3	13.5	24.0	18.2	62.9	12.619	10.4	0.0	0.0	0.0	8.8
4	13.0	24.0	18.4	58.8	11.825	9.3	0.0	0.0	0.0	11.0
5	13.0	24.0	17.6	65.5	12.858	10.7	0.0	0.0	0.0	10.7
6	12.5	20.5	17.0	77.0	14.725	12.7	0.0	0.0	0.0	6.1
7	14.0	20.3	16.6	80.9	15.194	13.2	0.0	5.3	5.3	0.0
8	13.5	19.0	15.9	85.1	15.296	13.3	0.5	0.0	0.5	1.2
9	12.0	24.8	18.1	57.7	11.447	8.9	0.0	0.0	0.0	10.5
10	14.0	23.9	18.3	72.5	14.902	12.9	0.0	0.0	0.0	5.7
11	14.0	25.0	18.9	59.3	12.299	10.0	0.0	0.0	0.0	9.1
12	13.5	23.8	18.4	59.1	12.257	10.0	0.0	0.0	0.0	7.7
13	13.0	23.9	18.0	60.2	12.200	9.9	0.0	0.0	0.0	8.3
14	13.5	24.5	18.5	68.0	13.956	11.9	0.0	0.0	0.0	8.3
15	14.0	25.6	18.8	67.1	14.135	12.1	0.0	1.6	1.6	9.9
16	14.1	23.5	17.3	73.7	14.292	12.2	0.0	0.0	0.0	6.4
17	13.0	24.5	19.1	63.5	13.400	11.3	0.0	0.0	0.0	8.5
18	14.0	24.0	18.0	68.1	13.741	11.7	0.0	0.0	0.0	4.0
19	14.5	23.5	18.6	71.5	14.907	12.9	0.0	0.0	0.0	3.8
20	14.5	21.0	17.4	73.5	14.527	12.5	0.0	0.0	0.0	0.2
21	14.0	21.0	17.6	73.8	14.643	12.7	0.0	0.0	0.0	1.5
22	13.0	26.0	19.4	58.3	12.059	9.7	0.0	0.0	0.0	9.1
23	13.6	25.4	19.8	60.5	13.294	11.2	0.0	0.0	0.0	6.3
24	14.5	23.0	18.5	68.1	14.114	12.1	0.0	0.0	0.0	5.1
25	14.0	23.6	17.7	75.2	14.944	12.9	0.0	0.0	0.0	3.2
26	13.0	23.5	18.3	72.0	14.606	12.6	0.0	0.0	0.0	3.5
27	14.5	23.8	19.1	65.6	14.011	12.0	0.0	0.0	0.0	6.8
28	14.5	24.4	19.2	68.1	14.646	12.6	0.0	0.0	0.0	3.8
29	13.5	24.4	19.0	62.6	13.059	10.9	0.0	0.0	0.0	8.0
30	13.5	24.5	18.1	70.7	14.211	12.2	0.0	0.0	0.0	5.2
31	13.5	21.0	16.8	77.1	14.572	12.6	0.5	0.0	0.5	3.3
PROM	13.7	23.4	18.2	68.5	13.822	11.7	1.0	6.9	7.9	189.0

ESTACION: AGRONOMIA MUNICIPIO: MANIZALES AÑO: 1.982

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	14.0	24.5	18.6	69.6	14.402	12.4	0.0	0.9	0.9	4.3
2	14.5	24.0	18.2	71.0	14.592	12.6	0.0	0.0	0.0	5.3
3	14.0	24.0	18.7	72.0	15.092	13.1	0.0	0.0	0.0	5.5
4	14.5	22.6	18.2	71.2	14.597	12.6	0.0	0.0	0.0	1.4
5	14.3	22.5	18.0	70.9	14.154	12.1	0.0	0.0	0.0	2.7
6	13.5	22.0	18.1	65.7	13.334	11.2	0.0	0.0	0.0	2.4
7	13.5	25.5	18.1	67.7	13.645	11.5	1.1	0.0	1.1	6.8
8	13.6	24.5	17.9	73.2	14.657	12.7	0.2	0.0	0.2	5.0
9	14.5	21.0	16.9	87.6	16.907	14.9	12.4	0.0	12.4	1.4
10	14.0	20.0	16.7	87.1	16.556	14.5	0.8	32.6	33.4	2.2
11	13.0	20.0	15.4	85.5	14.990	13.0	9.8	1.3	11.1	0.1
12	13.0	24.0	17.8	73.4	14.705	12.7	0.0	7.3	7.3	6.9
13	13.0	21.1	16.5	82.1	15.415	13.4	1.2	0.2	1.4	1.6
14	13.5	22.0	16.6	85.8	16.014	14.0	2.2	0.0	2.2	2.4
15	13.5	20.2	16.1	84.7	15.542	13.6	0.4	5.0	5.4	0.9
16	13.0	20.0	14.7	89.2	15.392	13.4	13.3	0.0	13.3	1.2
17	12.5	17.6	15.3	89.2	15.450	13.4	2.9	0.0	2.9	0.4
18	13.0	22.2	16.9	82.7	15.645	13.6	0.0	0.0	0.0	3.4
19	13.6	17.6	15.2	93.6	16.070	14.1	0.0	0.0	0.0	0.0
20	13.0	20.5	16.5	78.2	14.653	12.7	0.6	0.0	0.6	0.4
21	13.5	20.5	16.2	75.2	13.696	11.6	0.0	0.0	0.0	2.1
22	13.0	24.0	18.1	65.5	12.975	10.8	0.0	0.0	0.0	6.4
23	13.6	22.0	17.2	78.6	15.106	13.1	4.0	6.7	10.7	3.6
24	13.5	17.8	14.7	91.3	15.308	13.3	1.7	6.4	8.1	0.9
25	12.5	19.5	15.2	86.1	14.781	12.8	0.3	18.0	18.3	1.8
26	12.5	19.8	15.9	82.6	14.823	12.9	0.0	0.0	0.0	2.1
27	12.9	22.7	17.1	75.6	14.624	12.6	1.0	0.0	1.0	6.3
28	12.6	20.0	14.7	85.5	14.517	12.4	7.7	0.2	7.9	3.2
29	13.0	21.2	16.6	77.9	14.579	12.5	1.3	0.0	1.3	2.2
30	13.4	21.3	16.5	83.3	15.413	13.4	0.4	0.0	0.4	2.3
PROM.	13.4	21.5	16.8	79.4	14.921	12.9	61.3	78.6	139.9	85.2

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	14.0	18.1	15.3	89.4	15.725	13.7	1.3	0.0	1.3	3.1
2	12.2	20.5	16.0	75.7	13.743	11.7	1.6	1.3	2.9	0.0
3	13.4	17.7	15.4	92.5	16.135	14.2	3.1	3.1	6.2	1.1
4	12.9	19.5	15.8	82.0	14.730	12.8	1.8	0.0	1.8	2.5
5	13.1	23.0	17.6	80.6	15.957	13.9	0.0	0.0	0.0	6.0
6	13.0	22.0	16.3	78.2	14.775	12.8	6.1	0.0	6.1	3.9
7	13.4	20.0	15.7	87.5	15.675	13.7	6.6	11.5	18.1	3.2
8	13.4	19.5	15.0	90.3	15.541	13.5	2.8	2.3	5.1	4.5
9	13.0	22.0	15.6	82.4	14.540	12.6	27.2	0.1	27.3	5.8
10	13.4	21.0	16.9	80.5	15.468	13.5	0.0	0.0	0.0	2.7
11	12.6	23.0	17.9	74.0	15.059	13.0	0.0	0.7	0.7	6.7
12	13.5	17.6	14.5	89.5	15.013	13.1	3.5	0.0	3.5	0.9
13	12.0	23.0	15.7	76.8	13.756	11.7	9.5	0.0	9.5	7.7
14	13.5	21.2	16.8	77.8	14.820	12.8	0.0	5.3	5.3	1.9
15	12.6	21.5	16.6	73.5	13.540	11.5	0.4	0.0	0.4	5.6
16	14.3	21.5	16.8	85.6	16.189	14.2	0.0	1.7	1.7	3.1
17	14.0	18.2	15.3	94.3	16.740	14.7	8.4	0.0	8.4	0.3
18	12.5	20.6	15.3	83.6	14.560	12.5	2.7	0.4	3.1	6.7
19	13.4	20.2	16.7	93.1	17.939	15.6	0.0	28.0	28.0	1.8
20	13.0	18.2	15.2	88.4	15.306	13.3	0.3	1.4	1.7	1.0
21	12.6	22.3	16.3	81.8	15.115	13.1	11.1	30.4	41.5	3.7
22	13.0	20.5	15.3	87.8	15.502	13.5	7.5	0.0	7.5	3.1
23	13.5	20.8	15.9	80.3	14.799	12.8	33.1	2.2	35.3	0.7
24	13.5	19.7	15.2	83.3	14.788	12.8	32.1	4.2	36.3	0.1
25	13.0	19.6	15.5	84.3	14.907	12.9	23.4	10.1	33.5	1.3
26	12.7	18.0	14.8	91.9	15.464	13.5	4.9	0.0	4.9	0.1
27	12.8	17.7	14.5	91.8	15.255	13.2	7.1	0.0	7.1	0.7
28	11.6	21.5	16.1	77.7	14.019	12.0	0.2	0.0	0.2	4.0
29	12.8	22.4	17.1	79.3	15.222	13.2	0.0	0.4	0.4	7.8
30	12.5	23.6	17.7	77.9	15.369	13.4	0.0	1.0	1.0	9.4
31	14.0	21.6	17.0	78.5	15.321	13.3	0.0	0.2	0.2	3.2
PROM	13.1	20.5	16.0	83.6	15.193	13.2	194.7	104.3	299.0	102.6

ESTACION: AGRONOMIA MUNICIPIO: MANIZALES AÑO: 1.982

ALTITUD: 2.150 LATITUD: 5-03 N. LONGITUD: 75-29 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.6	19.0	16.7	83.4	15.969	14.0	1.1	6.0	7.1	0.0
2	12.6	18.7	15.4	87.1	15.124	13.2	0.2	28.5	28.7	1.2
3	11.9	22.2	15.6	85.9	15.202	13.2	5.4	27.3	32.7	5.2
4	13.0	21.0	16.0	77.4	14.050	12.0	0.0	0.0	0.0	1.6
5	12.6	22.8	17.4	77.4	15.342	13.3	0.0	4.9	4.9	5.8
6	12.5	22.5	16.7	82.8	15.678	13.6	1.3	0.0	1.3	1.8
7	13.4	21.6	16.5	83.0	15.826	13.8	4.3	0.0	4.3	2.0
8	12.9	22.6	17.2	77.9	15.250	13.2	0.2	0.0	0.2	4.9
9	14.0	24.0	18.8	74.8	15.946	14.0	0.0	0.0	0.0	8.2
10	14.6	21.0	15.0	90.7	15.547	13.6	14.5	0.0	14.5	2.8
11	12.0	18.9	15.6	87.8	15.425	13.4	4.1	3.7	7.8	1.5
12	13.6	19.9	16.5	88.8	16.761	14.7	17.3	0.0	17.3	2.4
13	12.6	24.8	17.2	76.6	14.881	12.9	0.2	0.0	0.2	7.5
14	14.0	23.3	18.1	75.5	15.404	13.4	0.2	0.0	0.2	4.4
15	13.6	24.0	17.1	73.6	14.485	12.5	1.4	0.2	1.6	5.6
16	14.3	19.2	16.7	93.8	17.294	15.2	0.3	0.0	0.3	0.0
17	14.3	21.9	17.1	77.4	15.222	13.2	0.0	0.0	0.0	2.1
18	13.1	19.7	15.4	90.2	16.081	13.9	4.6	0.0	4.6	1.2
19	13.3	22.1	17.2	82.7	16.278	14.1	1.7	0.4	2.1	5.6
20	14.7	19.0	16.3	94.1	17.695	15.5	0.8	0.8	1.6	0.0
21	13.3	21.0	16.7	82.5	15.722	13.7	4.9	0.0	4.9	1.0
22	12.5	22.0	16.2	79.5	14.889	12.9	3.3	0.3	3.6	4.9
23	13.3	21.9	17.4	80.7	15.879	13.8	0.0	0.0	0.0	5.2
24	13.0	22.2	17.2	80.2	15.726	13.6	0.2	0.0	0.2	5.0
25	14.0	21.0	16.4	85.5	16.118	14.1	0.4	0.0	0.4	2.9
26	13.4	22.8	15.8	79.8	14.510	12.5	15.5	0.0	15.5	5.2
27	11.7	23.1	15.5	80.8	14.325	12.3	5.8	14.9	20.7	8.8
28	12.0	22.2	17.0	83.4	15.382	13.4	0.0	0.0	0.0	7.2
29	13.0	23.1	17.0	79.1	15.211	13.2	0.0	0.0	0.0	8.7
30	12.5	24.6	18.6	69.9	14.418	12.3	0.0	0.0	0.0	8.8
PROM.	13.2	21.7	16.7	81.9	15.521	13.5	87.7	87.0	174.7	121.5

M E S - DICIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	22.4	17.2	78.4	15.344	13.3	1.2	0.0	1.2	3.5
2	13.3	22.0	17.0	79.4	15.346	13.4	0.0	0.0	0.0	3.9
3	13.0	23.1	17.3	78.4	15.310	13.3	0.0	0.0	0.0	5.6
4	14.4	18.8	16.2	89.4	16.708	14.7	0.0	0.0	0.0	0.1
5	13.0	21.4	16.7	81.2	15.415	13.4	0.0	0.4	0.4	3.0
6	13.4	22.2	16.3	83.0	15.308	13.4	0.7	0.0	0.7	4.3
7	13.6	23.0	16.7	81.8	15.677	13.7	9.0	1.6	10.6	3.2
8	13.6	23.0	16.3	85.3	16.111	14.1	32.0	0.0	32.0	2.9
9	13.6	18.1	15.4	85.2	14.999	13.0	0.2	0.0	0.2	0.0
10	13.4	23.2	17.7	73.8	14.772	12.7	0.0	0.0	0.0	5.4
11	13.6	23.3	18.2	75.6	15.667	13.7	0.0	0.0	0.0	5.1
12	14.4	23.0	17.3	81.0	16.182	14.2	10.2	0.0	10.2	3.3
13	14.0	22.0	17.6	81.8	16.552	14.5	0.0	0.0	0.0	2.4
14	13.2	23.9	18.6	74.0	15.524	13.5	0.0	0.0	0.0	9.0
15	13.5	24.3	18.9	72.5	15.449	13.4	0.0	0.0	0.0	0.0
16	14.2	23.3	17.4	78.4	15.773	13.8	2.4	0.0	2.4	3.6
17	14.8	22.8	16.7	82.8	15.855	13.9	6.3	0.6	6.9	2.4
18	13.4	20.8	16.5	86.8	16.305	14.3	0.0	0.0	0.0	2.0
19	15.0	21.4	16.8	86.8	16.693	14.7	11.4	0.4	11.8	1.3
20	13.4	23.8	18.0	79.0	16.088	14.0	0.0	0.0	0.0	7.1
21	14.3	24.0	18.2	78.0	16.165	14.1	0.3	2.3	2.6	5.2
22	14.4	23.3	18.1	79.4	16.220	14.2	0.0	0.0	0.0	6.2
23	14.0	23.8	17.2	80.7	15.996	13.9	0.2	0.0	0.2	4.2
24	13.4	23.9	17.2	76.3	15.015	13.0	0.0	0.0	0.0	6.4
25	13.5	23.3	17.6	81.2	16.238	14.2	0.0	0.0	0.0	4.2
26	13.0	25.2	17.9	77.4	15.490	13.5	0.0	2.1	2.1	8.7
27	14.5	19.5	15.7	83.5	15.150	13.1	0.5	0.0	0.5	0.0
28	12.5	21.5	16.5	81.6	15.181	13.2	0.0	0.0	0.0	1.3
29	14.0	19.0	16.7	78.9	14.817	12.8	0.0	0.0	0.0	0.4
30	12.5	23.9	18.5	68.2	14.117	12.0	0.0	0.0	0.0	7.1
31	13.4	25.8	19.2	66.4	14.257	12.2	0.0	0.0	0.0	9.6
PROM	13.7	22.5	17.3	79.6	15.604	13.6	74.4	7.4	81.8	121.4

ESTACION: AGRONOMIA MUNICIPIO MANIZALES AÑO: 1.982

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 lluvias	
ENERO	12.7	22.1	16.7	11.5	25.0	80.0	14.949	12.9	265.1	19	162.1
FEBRERO	13.5	21.9	16.9	11.5	23.8	81.6	15.590	13.6	203.9	19	97.5
MARZO	13.1	22.1	16.9	11.5	24.0	81.7	15.653	13.6	163.5	23	115.4
ABRIL	13.3	21.4	16.7	11.5	24.5	83.3	15.711	13.7	319.5	26	94.4
MAYO	13.5	20.7	16.4	12.5	25.0	86.1	15.982	14.0	345.8	29	76.3
JUNIO	13.6	21.8	17.2	12.5	24.3	80.2	15.569	13.5	150.1	14	143.2
JULIO	13.4	22.0	17.2	12.5	24.8	77.0	14.803	12.8	49.2	13	169.8
AGOSTO	13.7	23.4	18.2	12.0	26.0	68.5	13.822	11.7	7.9	4	189.0
SEPTIEMBRE	13.4	21.5	16.8	12.5	25.5	79.4	14.921	12.9	139.9	20	85.2
OCTUBRE	13.1	20.5	16.0	11.6	23.6	83.6	15.193	13.2	299.0	29	102.6
NOVIEMBRE	13.2	21.7	16.7	11.7	24.8	81.9	15.521	13.5	174.7	23	121.5
DICIEMBRE	13.7	22.5	17.3	12.5	25.8	79.6	15.604	13.6	81.8	14	121.4
PROMEDIO	13.4	21.8	16.9	12.0	24.8	80.2	15.277	13.3			
TOTAL									2200.4	233	1478.4

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO: PALESTINA AÑO: 1.982

ALTITUD: 1.010 LATITUD: 5-05 N. LONGITUD: 75-40 W.

M E S - ENERO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	28.0	21.9	80.2	21.143	18.4	2.3	11.0	13.3	2.1
2	17.5	27.5	22.1	76.5	19.890	17.4	0.2	7.6	7.8	3.1
3	17.0	27.5	21.9	74.7	19.112	16.8	0.0	8.4	8.4	3.6
4	17.0	27.0	20.6	83.1	20.033	17.5	21.8	59.0	80.8	2.9
5	16.6	25.8	21.1	83.3	20.637	18.0	13.9	6.9	20.8	2.3
6	17.5	29.5	22.2	75.4	19.514	17.1	0.0	14.1	14.1	7.9
7	17.5	28.0	22.6	69.3	18.366	16.1	0.0	21.4	21.4	5.5
8	17.8	29.8	21.8	68.5	17.240	15.0	0.0	5.6	5.6	6.8
9	18.6	26.4	22.6	81.9	22.615	19.5	0.0	0.0	0.0	2.7
10	18.0	29.8	22.8	73.6	19.794	17.2	0.0	0.0	0.0	3.7
11	18.0	29.0	22.8	77.2	20.842	18.1	0.0	0.0	0.0	6.5
12	16.4	31.3	23.6	69.1	18.870	16.5	0.0	0.0	0.0	8.7
13	16.8	30.1	23.2	74.4	19.868	17.1	0.0	0.0	0.0	6.8
14	16.5	31.4	23.3	75.9	20.876	18.1	0.0	0.3	0.3	7.8
15	16.0	31.2	22.7	74.6	19.612	17.1	0.0	1.5	1.5	8.7
16	18.3	31.4	23.0	73.1	19.642	17.0	0.0	0.0	0.0	9.5
17	17.4	31.8	23.2	71.4	19.201	16.7	0.0	0.0	0.0	9.3
18	14.5	32.3	22.3	73.0	18.116	15.7	0.0	0.0	0.0	9.8
19	16.4	31.5	22.5	71.2	18.150	15.8	0.0	0.0	0.0	9.1
20	14.8	31.3	22.1	70.8	17.615	15.4	0.0	0.0	0.0	9.6
21	16.8	32.3	23.1	70.8	18.898	16.4	0.0	0.0	0.0	9.7
22	15.8	32.8	22.5	72.8	18.564	16.2	0.0	0.2	0.2	10.2
23	17.4	32.0	23.1	71.8	19.500	17.0	0.0	0.0	0.0	9.2
24	17.0	30.8	22.9	70.8	18.931	16.5	0.0	16.6	16.6	7.7
25	18.0	28.0	21.9	80.4	20.609	17.9	5.9	0.0	5.9	5.5
26	16.5	29.8	22.6	68.2	17.794	15.6	0.0	9.2	9.2	7.6
27	17.4	27.0	21.0	83.0	20.420	17.8	6.0	0.0	6.0	2.8
28	18.0	28.3	21.8	77.3	19.777	17.3	0.2	53.7	53.9	4.8
29	17.0	29.0	21.9	77.3	19.904	17.4	0.0	0.0	0.0	7.3
30	17.3	28.5	22.5	76.7	20.007	17.4	0.0	0.0	0.0	4.8
31	17.6	28.5	22.0	80.3	21.111	18.3	0.0	0.0	0.0	5.9
PROM.	17.1	29.6	22.4	75.1	19.569	17.0	50.3	215.5	265.8	201.9

M E S - FEBRERO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.7	28.5	22.7	76.7	20.605	18.0	0.0	0.0	0.0	4.1
2	18.0	28.4	22.4	81.5	21.940	19.0	0.0	0.0	0.0	2.8
3	17.0	30.5	23.3	69.1	18.401	16.1	0.0	0.0	0.0	7.6
4	18.0	29.3	22.9	73.4	19.721	17.1	0.0	16.5	16.5	8.0
5	17.4	30.0	22.1	79.6	21.030	18.3	2.4	10.7	13.1	4.5
6	17.4	28.5	22.4	84.0	22.338	19.2	0.0	27.6	27.6	2.2
7	18.0	30.4	23.1	70.1	19.094	16.8	1.0	0.0	1.0	5.5
8	17.5	29.6	22.8	77.8	20.971	18.2	0.0	0.0	0.0	3.9
9	18.8	29.8	24.3	71.8	20.833	18.1	0.0	15.5	15.5	5.2
10	19.5	29.5	23.3	75.7	20.992	18.2	0.3	4.7	5.0	2.2
11	18.5	31.5	23.4	74.0	20.228	17.5	0.0	0.9	0.9	9.4
12	17.5	28.5	22.4	78.4	20.695	18.0	0.0	0.0	0.0	4.4
13	18.8	29.5	23.7	72.1	20.240	17.6	0.0	0.0	0.0	4.4
14	20.0	30.3	24.0	73.6	21.299	18.4	0.0	27.1	27.1	4.9
15	17.8	27.0	22.0	82.0	21.403	18.5	0.0	0.5	0.5	0.0
16	18.0	30.2	22.9	77.9	21.228	18.4	0.0	1.7	1.7	6.1
17	18.3	30.0	23.0	74.3	20.196	17.6	0.0	0.0	0.0	6.6
18	18.6	31.0	23.7	74.9	21.182	18.3	0.0	0.0	0.0	7.6
19	18.4	29.0	21.3	80.0	20.080	17.5	3.5	3.0	6.5	1.9
20	17.0	26.0	22.0	83.6	21.746	18.8	0.0	0.0	0.0	1.1
21	18.0	30.5	23.2	74.9	20.365	17.7	0.0	0.5	0.5	8.3
22	16.0	29.5	22.7	80.3	21.897	18.9	0.0	0.0	0.0	4.9
23	18.0	32.0	23.3	74.7	20.413	17.8	0.0	0.0	0.0	5.9
24	15.8	31.0	22.6	77.1	20.174	17.5	0.0	0.0	0.0	4.0
25	18.8	32.5	23.9	73.1	20.848	18.1	0.0	0.0	0.0	6.8
26	19.5	29.3	23.3	76.8	21.443	18.6	0.1	0.0	0.1	2.0
27	16.5	30.0	23.6	74.7	20.853	18.1	0.0	0.0	0.0	4.2
28	17.5	30.4	23.8	76.1	21.770	18.8	0.0	11.7	11.7	4.6
PROM	17.9	29.7	23.0	76.4	20.785	18.0	7.3	120.4	127.7	133.1

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO: PALESTINA AÑO: 1.982

ALTITUD: 1.010 LATITUD: 5-05 N. LONGITUD: 75-40 W.

M E S - MARZO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.8	27.4	21.3	90.0	22.314	19.2	4.5	10.4	14.9	3.2
2	18.5	30.8	22.5	79.5	21.241	18.4	0.0	18.1	18.1	5.6
3	17.5	32.5	23.7	76.9	21.704	18.8	0.0	75.1	75.1	9.0
4	19.0	27.0	23.2	80.0	22.209	19.2	7.7	0.0	7.7	1.3
5	17.5	30.5	22.7	77.7	20.754	18.0	0.0	10.1	10.1	6.4
6	18.5	30.5	23.6	75.5	21.271	18.5	20.3	0.0	20.3	5.5
7	19.0	32.5	23.7	75.0	21.010	18.1	0.0	0.0	0.0	9.7
8	15.0	31.4	22.4	69.5	17.518	15.3	0.0	0.0	0.0	7.8
9	14.5	29.5	21.9	77.7	19.566	17.1	0.0	0.0	0.0	8.6
10	16.0	31.0	22.9	72.9	19.233	16.7	0.0	2.0	2.0	9.0
11	18.5	29.0	22.5	79.3	21.190	18.4	0.0	1.1	1.1	3.1
12	18.8	27.0	21.9	82.0	21.177	18.3	0.1	0.0	0.1	2.1
13	17.5	30.5	23.4	74.6	20.654	18.0	0.0	0.6	0.6	5.5
14	19.0	26.5	21.4	84.7	21.610	18.7	0.0	32.1	32.1	0.3
15	17.5	30.0	23.3	74.0	20.183	17.6	0.0	6.7	6.7	5.3
16	17.0	30.0	23.6	74.0	20.503	17.8	0.0	6.9	6.9	6.6
17	17.0	30.0	22.8	74.9	20.105	17.4	0.0	0.0	0.0	6.7
18	18.4	29.5	23.1	72.7	19.844	17.3	0.0	0.0	0.0	3.0
19	17.6	30.0	24.5	65.7	19.006	16.6	0.0	3.2	3.2	7.5
20	17.6	31.5	23.3	74.7	20.372	17.6	0.0	0.0	0.0	8.6
21	16.8	31.3	23.9	68.1	18.880	16.6	0.0	0.0	0.0	7.7
22	19.5	32.5	24.8	72.4	21.629	18.7	0.0	0.0	0.0	7.6
23	18.5	30.0	22.8	80.6	22.187	19.1	0.0	10.5	10.5	3.3
24	18.5	30.0	22.7	76.0	20.508	17.9	0.0	0.0	0.0	3.0
25	18.5	31.5	23.3	75.5	20.788	18.0	0.0	2.5	2.5	6.4
26	18.5	28.0	21.4	89.6	22.842	19.6	0.0	0.0	0.0	1.1
27	17.4	30.5	24.1	67.8	19.166	16.7	0.0	1.3	1.3	7.2
28	17.9	30.0	24.4	74.6	21.855	18.9	0.0	22.7	22.7	5.6
29	16.8	29.0	23.3	81.4	22.780	19.5	5.4	0.0	5.4	5.0
30	19.4	28.5	23.1	77.5	21.566	18.6	0.0	0.0	0.0	4.3
31	17.0	30.5	22.6	78.3	20.764	18.1	0.0	0.0	0.0	4.4
PROM.	17.8	30.0	23.0	76.6	20.788	18.0	38.0	203.3	241.3	170.4

M E S - ABRIL

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.8	30.5	23.8	75.2	21.598	18.6	0.0	0.0	0.0	3.7
2	18.8	27.0	22.5	89.0	24.154	20.5	0.2	3.3	3.5	0.3
3	19.4	27.0	22.7	79.5	21.373	18.3	0.0	13.9	13.9	1.7
4	19.8	26.5	22.2	86.0	22.911	19.6	0.9	3.5	4.4	0.8
5	18.6	29.0	22.7	76.8	20.741	18.0	0.0	30.2	30.2	6.4
6	18.0	27.6	21.0	83.1	20.386	17.7	2.2	0.0	2.2	2.6
7	18.0	28.3	21.4	79.6	20.009	17.5	0.0	1.0	1.0	3.2
8	19.0	28.0	23.1	75.2	20.863	18.2	0.0	1.3	1.3	2.4
9	18.0	28.1	22.3	77.2	20.192	17.6	0.7	21.1	21.8	3.1
10	17.0	27.0	22.2	76.7	19.785	17.2	0.0	0.0	0.0	0.0
11	16.4	29.0	22.6	75.9	20.297	17.7	0.0	35.9	35.9	4.6
12	17.2	28.2	22.2	77.6	20.058	17.4	0.0	0.0	0.0	3.2
13	14.5	30.5	22.4	71.7	18.054	15.6	0.0	0.0	0.0	9.3
14	17.5	30.5	23.0	72.9	19.636	17.0	1.5	0.0	1.5	7.3
15	17.5	31.5	23.6	70.8	19.390	16.7	0.0	9.9	9.9	10.5
16	18.5	31.0	23.8	78.4	22.478	19.2	0.0	6.7	6.7	7.0
17	18.0	28.8	22.8	78.7	21.298	18.5	0.0	22.7	22.7	3.5
18	18.6	30.0	22.5	81.0	21.626	18.6	1.6	6.3	7.9	6.1
19	16.8	30.5	23.2	71.8	19.337	16.9	0.0	0.7	0.7	9.2
20	19.0	30.0	23.6	73.7	20.703	17.9	0.0	19.9	19.9	5.3
21	18.5	26.3	22.1	84.7	22.477	19.4	0.0	0.0	0.0	2.1
22	17.5	30.8	24.2	74.1	21.438	18.5	0.0	1.0	1.0	6.1
23	19.3	28.8	22.8	82.4	22.679	19.5	0.2	0.0	0.2	3.0
24	16.5	30.0	23.4	77.8	21.463	18.5	0.0	0.0	0.0	3.8
25	17.5	31.5	24.3	77.7	22.634	19.4	0.0	0.6	0.6	6.5
26	19.5	30.5	23.5	79.8	22.786	19.5	10.8	0.0	10.8	1.8
27	15.5	30.4	22.9	79.7	21.245	18.3	0.0	2.7	2.7	5.5
28	19.0	24.8	20.7	90.0	22.188	19.2	8.4	1.4	9.8	0.0
29	17.5	29.9	21.9	79.3	20.517	17.9	0.0	8.3	8.3	4.0
30	18.3	28.8	22.8	77.6	21.062	18.3	8.0	15.8	23.8	5.2
PROM	18.0	29.0	22.7	78.5	21.113	18.2	34.5	206.2	240.7	128.2

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO: PALESTINA AÑO: 1.982

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	18.4	30.5	22.7	77.1	20.712	18.0	0.0	1.3	1.3	5.6
2	18.0	30.0	22.2	79.8	20.886	18.1	1.7	3.7	5.4	4.0
3	18.8	31.8	23.1	70.6	19.153	16.6	0.0	4.1	4.1	7.1
4	18.0	31.4	22.6	79.1	21.002	18.2	0.0	8.1	8.1	6.5
5	16.5	28.5	22.6	78.8	20.877	18.1	0.0	0.0	0.0	5.6
6	18.0	28.4	21.8	80.1	20.946	18.2	30.3	21.9	52.2	3.0
7	18.2	29.5	23.9	75.4	21.650	18.7	0.0	6.4	6.4	6.8
8	19.2	25.6	22.5	86.3	23.326	20.0	1.4	7.1	8.5	0.5
9	19.0	28.3	22.9	77.8	21.222	18.4	0.0	12.9	12.9	3.5
10	18.0	26.5	21.3	86.6	21.782	18.8	4.7	0.0	4.7	2.1
11	16.5	31.5	23.1	75.1	20.548	17.9	0.0	1.2	1.2	8.7
12	17.8	30.5	23.5	75.7	20.858	18.0	0.0	0.0	0.0	8.9
13	18.5	30.5	22.7	82.4	22.653	19.5	0.2	0.0	0.2	4.6
14	17.5	30.5	22.1	77.6	20.234	17.6	0.0	0.0	0.0	4.3
15	18.0	28.5	22.6	78.9	21.440	18.6	1.3	1.1	2.4	2.4
16	18.6	28.3	22.9	78.4	21.406	18.5	0.0	0.0	0.0	2.7
17	18.5	30.0	22.8	78.1	21.318	18.5	0.0	26.9	26.9	5.2
18	18.0	29.8	22.4	80.5	21.555	18.7	1.1	25.3	26.4	5.7
19	18.5	27.5	22.7	82.2	22.646	19.5	0.0	6.2	6.2	2.1
20	18.3	29.0	23.2	80.3	22.250	19.2	0.1	16.7	16.8	4.0
21	17.5	27.2	21.4	81.8	20.669	18.0	1.3	1.3	2.6	3.7
22	17.6	27.0	21.2	79.5	19.791	17.2	14.2	2.2	16.4	2.8
23	17.6	28.5	22.3	74.8	19.736	17.1	1.7	0.0	1.7	4.6
24	18.0	28.6	22.7	76.2	20.612	17.9	0.2	9.1	9.3	4.0
25	18.0	28.5	22.2	72.4	18.980	16.5	0.9	0.2	1.1	4.2
26	18.0	28.5	22.3	75.5	19.765	17.2	0.0	3.9	3.9	3.1
27	18.5	28.5	23.1	77.3	21.294	18.4	0.0	0.0	0.0	5.9
28	18.5	26.3	22.5	77.1	20.761	18.1	0.0	0.0	0.0	0.8
29	18.5	27.5	22.2	78.7	21.154	18.4	28.5	0.0	28.5	2.4
30	18.0	28.5	23.4	74.4	20.927	18.1	0.0	29.8	29.8	4.6
31	18.0	29.0	23.2	76.4	21.009	18.1	0.0	6.7	6.7	4.2
PROM.	18.1	28.9	22.6	78.2	21.005	18.2	87.6	196.1	283.7	133.6

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	27.5	22.3	81.5	21.619	18.7	0.0	0.0	0.0	1.6
2	17.0	31.5	23.2	74.6	20.500	17.8	0.0	0.3	0.3	6.2
3	18.5	31.0	23.5	72.3	20.229	17.5	0.0	0.0	0.0	6.0
4	18.5	28.3	22.9	76.0	20.716	17.9	0.6	0.0	0.6	1.7
5	17.2	28.8	22.9	77.4	20.967	18.2	0.2	2.4	2.6	4.7
6	16.5	29.2	21.9	79.2	20.238	17.7	0.0	1.0	1.0	5.2
7	16.5	31.0	23.0	77.1	20.794	18.0	4.4	0.0	4.4	6.0
8	18.0	28.1	22.3	76.0	19.629	17.1	0.0	0.0	0.0	7.1
9	17.0	29.0	22.6	76.3	20.442	17.8	0.0	9.9	9.9	3.0
10	18.0	28.5	22.5	76.4	20.105	17.6	0.0	0.0	0.0	6.4
11	18.3	30.0	22.8	72.8	19.773	17.3	0.0	0.0	0.0	3.9
12	17.3	30.0	22.8	78.7	21.505	18.7	1.6	0.0	1.6	5.3
13	16.5	31.5	22.0	70.4	18.279	16.0	0.0	14.6	14.6	4.8
14	16.0	28.5	22.4	76.3	19.927	17.3	0.0	0.0	0.0	5.5
15	17.5	30.5	23.4	72.9	20.036	17.4	0.0	3.9	3.9	5.9
16	18.0	30.5	23.4	77.6	21.979	19.0	0.0	7.4	7.4	4.2
17	18.5	29.0	22.8	77.9	21.100	18.3	0.0	0.0	0.0	3.0
18	17.2	28.5	22.3	80.6	21.306	18.4	0.7	0.0	0.7	1.6
19	15.4	29.0	21.1	76.2	18.338	16.1	0.1	0.0	0.1	2.8
20	15.0	27.0	21.7	81.0	20.305	17.7	0.0	9.7	9.7	1.7
21	17.0	27.5	22.6	77.5	20.647	17.9	0.0	0.2	0.2	1.5
22	17.5	30.0	23.5	69.7	19.482	17.0	0.0	0.0	0.0	5.9
23	16.0	30.5	23.7	71.1	19.632	17.0	0.0	0.0	0.0	2.3
24	17.5	26.5	22.3	83.7	22.347	19.3	0.0	0.0	0.0	0.1
25	18.0	30.0	22.9	70.1	19.126	16.7	0.0	0.0	0.0	7.5
26	18.0	31.0	24.2	66.2	19.113	16.6	0.0	0.0	0.0	9.7
27	19.0	29.5	23.3	74.7	20.768	18.0	0.0	0.0	0.0	5.6
28	17.5	31.5	24.1	68.2	19.665	17.1	0.0	0.0	0.0	9.4
29	15.5	31.0	24.5	64.3	18.718	16.3	0.0	0.0	0.0	9.7
30	17.0	32.0	24.0	69.4	19.538	17.0	0.0	0.0	0.0	8.8
PROM	17.3	29.6	22.9	74.9	20.227	17.6	7.6	49.4	57.0	147.1

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO: PALESTINA AÑO: 1.982

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	15.6	30.0	23.3	66.9	17.679	15.5	0.0	1.7	1.7	8.2
2	16.5	31.0	23.8	70.3	19.156	16.5	0.0	0.0	0.0	6.4
3	15.6	30.0	23.2	71.7	19.252	16.8	0.3	0.1	0.4	6.6
4	16.6	28.0	22.0	78.4	20.103	17.5	0.0	0.0	0.0	8.2
5	16.4	29.0	22.5	77.6	20.262	17.5	0.2	0.0	0.2	4.3
6	14.5	28.0	22.2	77.7	19.992	17.4	0.0	0.0	0.0	4.1
7	17.0	30.5	22.1	77.1	19.723	17.1	0.3	0.1	0.4	5.2
8	16.0	28.6	22.0	73.7	18.909	16.5	0.0	0.0	0.0	3.6
9	14.5	31.5	23.3	67.9	18.059	15.7	0.0	0.0	0.0	9.6
10	16.0	32.0	24.2	63.0	17.595	15.3	0.0	0.0	0.0	9.1
11	16.5	30.0	23.4	67.2	18.532	16.2	0.0	1.8	1.8	3.8
12	18.5	28.0	22.5	77.4	20.687	17.9	1.0	11.0	12.0	3.1
13	18.5	30.0	23.3	71.7	19.730	17.1	0.0	0.0	0.0	6.7
14	15.5	31.5	24.2	67.8	18.762	16.3	0.0	0.0	0.0	8.2
15	15.4	31.6	23.7	66.2	18.048	15.7	0.0	0.0	0.0	7.4
16	16.0	30.0	22.5	68.9	17.587	15.2	0.0	2.5	2.5	6.3
17	15.0	31.5	23.3	65.2	17.648	15.4	0.0	0.0	0.0	9.5
18	16.5	29.3	22.6	72.1	19.073	16.7	0.0	3.7	3.7	0.9
19	17.4	29.5	23.5	73.8	20.637	17.8	0.0	17.5	17.5	3.5
20	17.0	28.0	22.2	78.5	20.652	18.0	0.0	0.0	0.0	2.0
21	15.0	31.5	23.8	67.6	19.333	16.6	0.0	0.0	0.0	4.5
22	14.5	29.2	22.4	67.7	17.011	14.8	0.0	0.0	0.0	8.0
23	17.0	30.3	23.3	69.0	18.696	16.3	0.0	0.0	0.0	6.9
24	13.0	32.5	23.0	62.5	15.768	13.5	0.0	0.0	0.0	10.2
25	15.5	30.5	22.1	73.2	18.815	16.5	0.0	0.0	0.0	7.0
26	18.0	28.5	22.6	72.6	19.293	16.8	0.1	14.3	14.4	3.8
27	17.5	27.5	21.3	84.0	20.880	18.1	4.0	9.5	13.5	2.4
28	17.3	29.0	21.8	76.5	19.616	17.1	0.2	0.7	0.9	5.4
29	18.0	29.5	21.4	72.7	18.542	16.3	0.0	0.0	0.0	3.9
30	16.5	30.5	22.7	70.8	18.960	16.6	0.0	0.0	0.0	6.3
31	15.0	31.0	22.5	68.3	17.497	15.3	0.0	0.0	0.0	7.1
PROM.	16.2	29.9	22.8	71.5	18.919	16.5	6.1	62.9	69.0	182.2

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	15.5	31.2	23.0	75.8	20.562	17.9	0.4	0.0	0.4	7.7
2	17.6	30.0	22.4	71.8	18.687	16.3	0.0	0.5	0.5	6.3
3	16.4	32.0	23.4	64.6	17.086	14.8	0.0	0.0	0.0	9.5
4	15.5	31.5	23.3	63.9	16.838	14.6	0.0	0.0	0.0	10.3
5	14.0	31.0	24.0	61.0	16.006	13.8	0.0	0.0	0.0	9.0
6	16.5	30.5	23.5	67.6	18.328	16.0	0.0	0.8	0.8	5.1
7	17.5	28.0	22.4	75.9	20.106	17.5	0.4	15.4	15.8	2.4
8	17.5	28.3	22.2	77.0	20.005	17.3	0.0	0.0	0.0	2.8
9	14.5	32.5	22.7	65.6	16.405	14.2	0.0	0.0	0.0	10.3
10	15.5	31.0	23.1	69.9	18.086	15.8	0.0	0.0	0.0	6.1
11	17.0	33.0	23.1	62.7	16.534	14.3	0.0	0.0	0.0	9.8
12	14.5	31.5	23.1	63.5	16.230	14.1	0.0	0.0	0.0	7.5
13	15.4	32.0	23.3	64.1	16.955	14.8	0.0	0.0	0.0	8.8
14	15.0	32.0	24.2	64.9	18.057	15.7	0.0	0.0	0.0	9.7
15	17.0	32.6	24.3	59.8	16.610	14.3	0.0	13.4	13.4	10.1
16	17.0	30.5	23.1	70.9	19.031	16.5	0.0	0.0	0.0	6.7
17	15.5	32.5	24.7	63.1	17.473	15.1	0.0	0.0	0.0	7.2
18	15.5	32.0	23.6	66.7	18.226	15.9	0.0	0.0	0.0	5.4
19	17.0	33.5	24.0	63.7	17.551	15.3	0.0	0.0	0.0	8.1
20	18.0	30.0	23.1	67.5	18.879	16.6	0.0	0.0	0.0	4.2
21	16.8	30.5	23.8	65.7	18.358	16.0	0.0	0.0	0.0	4.2
22	16.0	33.5	24.8	61.0	17.318	15.1	0.0	0.0	0.0	10.1
23	15.5	34.0	24.9	60.8	17.115	14.7	0.0	0.0	0.0	7.1
24	17.5	33.5	25.0	61.1	17.389	15.1	0.0	0.0	0.0	7.3
25	16.8	33.5	24.1	66.0	18.774	16.4	0.0	0.0	0.0	6.2
26	16.0	33.3	24.4	59.5	16.641	14.5	0.0	0.0	0.0	8.0
27	17.5	33.5	25.8	62.7	18.755	16.2	0.0	0.0	0.0	3.7
28	18.8	33.6	25.3	60.2	18.056	15.7	0.0	0.0	0.0	2.2
29	15.5	34.5	23.6	59.1	15.630	13.5	0.0	0.0	0.0	9.5
30	15.8	32.5	24.8	58.4	16.509	14.4	0.0	0.0	0.0	6.1
31	15.6	30.0	23.4	68.3	18.839	16.5	0.0	0.0	0.0	6.4
PROM	16.3	31.9	23.8	65.3	17.775	15.4	0.8	30.1	30.9	217.8

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO: PALESTINA AÑO: 1.982

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	15.8	32.5	25.0	58.2	16.237	14.0	0.0	3.8	3.8	7.0
2	17.5	33.5	24.8	61.2	17.508	15.1	0.0	0.0	0.0	7.2
3	16.8	32.8	24.6	64.5	18.444	16.0	0.0	0.0	0.0	6.2
4	18.6	32.0	25.0	64.2	19.039	16.6	0.0	0.0	0.0	8.0
5	17.1	33.0	25.0	58.8	16.748	14.5	0.0	0.0	0.0	5.3
6	16.5	33.8	24.1	61.0	16.630	14.4	0.0	0.0	0.0	6.0
7	14.7	33.5	24.2	59.5	15.692	13.5	0.0	0.0	0.0	6.5
8	17.4	33.0	26.1	53.1	17.770	15.4	0.0	0.0	0.0	5.3
9	18.5	31.5	24.7	62.7	18.308	15.5	0.1	0.2	0.3	1.9
10	18.5	29.5	24.2	66.9	19.489	17.0	0.0	10.1	10.1	1.4
11	17.5	29.0	21.3	74.7	18.369	16.0	0.4	0.0	0.4	4.2
12	16.0	33.0	23.9	64.5	17.807	15.3	0.8	19.8	20.6	7.8
13	17.5	31.0	24.3	64.1	18.102	15.7	0.0	3.0	3.0	6.5
14	17.5	29.5	23.7	67.7	18.593	16.2	0.0	7.9	7.9	2.8
15	18.0	28.0	22.2	79.8	21.110	18.2	2.7	0.9	3.6	3.5
16	18.4	30.5	21.4	78.4	19.760	17.2	0.4	6.5	6.9	4.1
17	17.8	27.5	21.6	80.2	20.424	17.8	2.1	0.3	2.4	0.9
18	16.0	31.6	20.9	74.6	18.258	15.8	0.0	20.9	20.9	5.4
19	17.5	24.0	21.3	86.3	21.564	18.7	18.4	0.0	18.4	0.0
20	17.4	29.5	23.6	62.7	17.223	14.9	0.0	7.1	7.1	3.0
21	17.5	29.5	23.5	70.9	19.588	17.0	0.0	0.0	0.0	6.3
22	15.4	31.0	23.4	70.7	19.171	16.7	0.0	0.0	0.0	5.0
23	17.6	31.0	24.3	66.2	18.794	16.3	0.0	10.8	10.8	4.7
24	17.5	25.5	20.8	81.8	19.952	17.4	0.1	9.2	9.3	1.5
25	16.5	28.0	21.0	77.6	18.751	16.3	0.1	1.8	1.9	3.5
26	17.0	28.5	21.1	74.2	18.031	15.4	0.0	0.0	0.0	3.6
27	14.5	31.0	22.8	67.5	17.260	15.0	0.0	0.0	0.0	6.5
28	14.5	29.0	22.3	72.7	18.551	16.2	0.0	0.0	0.0	6.2
29	17.0	29.5	23.2	69.2	19.086	16.7	0.1	0.0	0.1	4.2
30	17.0	28.0	21.3	79.0	19.880	17.4	0.0	0.0	0.0	1.7
PROM.	17.0	30.3	23.2	69.3	18.538	16.1	25.2	102.3	127.5	136.2

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	25.6	21.1	81.6	20.338	17.8	0.8	0.0	0.8	0.3
2	16.3	31.0	21.5	79.1	19.938	17.4	0.0	53.3	53.3	6.3
3	16.5	26.0	21.7	77.3	19.349	16.8	0.0	6.3	6.3	1.4
4	17.9	29.0	22.1	69.8	17.936	15.6	0.0	17.0	17.0	5.8
5	17.3	28.0	22.3	74.0	19.337	16.9	0.0	0.0	0.0	3.8
6	15.3	30.5	23.5	68.8	18.652	16.4	0.0	8.0	8.0	8.3
7	18.4	26.5	22.0	81.1	21.247	18.4	8.8	0.0	8.8	2.0
8	17.3	27.0	21.5	80.3	20.425	17.8	0.0	0.0	0.0	2.7
9	16.8	29.0	21.3	72.6	17.636	15.3	1.3	0.3	1.6	6.7
10	17.0	28.5	21.0	73.6	18.017	15.7	0.0	0.0	0.0	4.9
11	14.3	31.0	22.7	71.0	18.359	15.9	0.0	12.7	12.7	8.3
12	17.0	26.5	20.2	81.5	19.169	16.7	0.7	0.0	0.7	1.3
13	13.5	30.0	21.6	75.7	18.717	16.4	0.0	0.0	0.0	7.7
14	16.5	29.0	22.4	74.2	19.505	17.0	0.0	4.0	4.0	3.4
15	17.0	29.0	22.6	71.0	18.634	16.2	0.0	0.2	0.2	7.5
16	17.6	28.0	22.6	76.2	20.393	17.7	0.0	26.5	26.5	2.9
17	17.0	25.5	20.1	84.7	20.093	17.6	1.3	0.0	1.3	2.7
18	14.5	28.0	22.1	71.0	18.033	15.8	0.0	0.2	0.2	3.9
19	16.5	30.0	22.2	78.3	20.509	17.8	1.9	35.2	37.1	4.8
20	16.0	26.5	22.3	77.6	20.091	17.5	0.2	1.0	1.2	3.5
21	17.0	28.0	21.8	74.7	19.199	16.8	0.0	11.9	11.9	5.9
22	17.5	27.0	21.4	80.4	20.018	17.3	1.5	0.4	1.9	4.6
23	17.0	28.0	21.8	77.5	19.745	17.1	4.1	1.4	5.5	3.5
24	17.5	28.0	20.9	77.8	19.280	16.9	0.0	4.7	4.7	5.3
25	17.5	26.5	21.9	77.9	20.043	17.4	0.0	17.1	17.1	2.2
26	17.0	25.4	20.6	81.9	19.682	17.2	0.5	0.0	0.5	1.3
27	17.3	25.5	20.5	85.6	21.032	18.3	0.0	0.0	0.0	1.0
28	15.5	28.5	21.4	70.4	17.312	14.8	0.0	0.0	0.0	8.9
29	14.5	28.3	22.5	71.8	18.472	16.2	0.0	0.0	0.0	4.4
30	16.0	30.8	22.7	72.2	18.911	16.3	0.0	0.0	0.0	8.4
31	17.5	28.3	22.8	76.2	20.582	17.8	0.0	9.5	9.5	4.7
PROM	16.6	28.0	21.8	76.3	19.376	16.9	21.1	209.7	230.8	138.4

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO: PALESTINA AÑO: 1.982

ALTITUD: 1.010 LATITUD: 5-05 N. LONGITUD: 75-40 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	25.4	21.1	85.3	21.337	18.5	1.0	9.6	10.6	1.4
2	16.0	26.4	20.9	79.6	19.222	16.8	0.0	24.5	24.5	3.9
3	16.5	28.0	21.3	77.0	18.954	16.6	0.0	1.3	1.3	6.2
4	17.0	27.0	20.5	87.9	21.226	18.4	0.8	0.0	0.8	2.5
5	16.3	29.0	22.1	79.6	20.785	18.0	0.0	4.8	4.8	7.0
6	17.5	27.0	22.1	76.2	19.682	17.2	4.1	0.1	4.2	3.5
7	17.0	30.0	22.8	74.1	20.145	17.6	0.0	1.5	1.5	5.5
8	17.3	29.0	23.1	70.9	19.270	16.6	0.0	0.2	0.2	5.6
9	17.8	31.5	24.2	70.1	20.345	17.6	0.0	0.0	0.0	9.0
10	18.0	26.8	20.7	81.8	20.368	17.8	0.0	0.0	0.0	3.1
11	15.5	26.0	21.7	76.6	19.580	17.1	0.8	28.1	28.9	2.7
12	17.0	28.3	21.6	76.9	19.583	17.1	0.0	8.0	8.0	6.0
13	17.4	30.0	22.7	73.5	19.636	17.0	0.0	0.0	0.0	8.3
14	15.0	27.3	22.3	78.8	20.766	18.0	0.0	0.0	0.0	3.5
15	15.0	30.0	23.2	73.2	20.296	17.7	0.0	40.6	40.6	6.7
16	17.8	26.0	22.1	85.4	22.404	19.3	0.0	35.3	35.3	0.5
17	17.0	27.0	21.1	82.0	20.480	17.9	0.0	0.0	0.0	4.0
18	16.5	23.1	20.0	88.3	20.540	17.9	2.2	0.0	2.2	0.0
19	17.2	30.0	21.9	68.9	17.133	14.9	0.0	36.2	36.2	7.0
20	18.0	23.5	20.2	92.4	21.819	18.9	5.4	0.0	5.4	0.1
21	17.0	25.6	21.8	84.7	21.731	18.8	0.0	0.0	0.0	1.8
22	16.5	27.5	21.6	79.2	20.604	18.0	0.0	10.4	10.4	6.3
23	16.5	27.1	21.9	80.3	20.688	18.0	0.0	0.0	0.0	4.6
24	16.5	29.0	21.6	78.7	19.798	17.3	0.0	0.0	0.0	7.1
25	17.5	28.5	21.4	78.7	19.802	17.2	5.7	0.0	5.7	4.0
26	16.4	28.3	21.3	76.1	19.229	16.9	0.7	0.0	0.7	6.2
27	14.4	29.5	22.9	69.0	17.886	15.7	0.0	7.9	7.9	9.8
28	16.0	27.5	20.9	79.2	19.016	16.6	0.0	0.0	0.0	7.1
29	15.4	27.4	21.2	75.5	18.764	16.5	0.0	0.0	0.0	9.1
30	15.4	29.3	22.2	73.2	18.595	16.3	0.0	0.0	0.0	8.8
PROM.	16.6	27.7	21.7	78.4	19.989	17.4	20.7	208.5	229.2	151.3

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	15.5	29.0	23.3	73.8	20.307	17.7	0.0	0.0	0.0	4.7
2	18.5	30.0	22.8	77.2	21.204	18.3	0.0	0.0	0.0	4.7
3	17.0	30.5	23.6	71.7	20.168	17.5	0.0	0.4	0.4	6.9
4	18.5	25.5	21.3	85.1	21.433	18.6	0.0	0.0	0.0	0.0
5	17.5	27.8	22.0	77.2	20.096	17.4	0.0	0.1	0.1	3.4
6	18.0	28.5	22.3	75.0	19.703	17.1	0.0	0.0	0.0	5.5
7	18.0	29.0	22.9	71.0	19.325	16.8	11.4	5.0	16.4	3.4
8	18.0	28.4	22.1	74.6	19.543	17.1	0.1	25.2	25.3	4.9
9	17.5	23.5	19.3	92.6	20.848	18.2	0.5	0.0	0.5	0.1
10	14.5	29.0	21.8	79.5	20.009	17.3	2.7	2.3	5.0	7.9
11	17.4	28.8	22.4	77.8	20.379	17.6	0.3	0.2	0.5	5.5
12	18.0	28.0	22.5	77.5	20.468	17.7	0.0	0.3	0.3	3.7
13	18.5	27.3	23.0	80.0	21.941	18.8	0.0	0.0	0.0	1.7
14	17.8	29.5	22.8	76.9	20.400	17.6	0.0	0.0	0.0	7.9
15	16.5	30.5	23.2	70.6	18.754	16.4	0.0	0.0	0.0	7.7
16	18.0	28.3	22.8	79.3	21.556	18.6	0.0	0.4	0.4	3.9
17	16.5	27.5	21.4	76.0	19.076	16.7	3.0	0.4	3.4	5.2
18	17.5	26.3	21.5	82.8	20.891	18.2	0.0	0.0	0.0	2.9
19	17.0	30.0	23.6	75.6	21.242	18.4	0.0	0.0	0.0	5.5
20	17.0	30.0	22.9	75.1	20.334	17.7	0.0	27.3	27.3	7.3
21	17.0	29.0	22.6	74.9	19.823	17.2	0.0	0.1	0.1	7.0
22	18.0	29.5	22.9	75.9	20.440	17.7	0.0	9.3	9.3	5.6
23	18.5	28.3	22.4	74.8	19.564	17.1	0.0	0.0	0.0	5.6
24	17.1	29.5	24.1	65.2	18.653	16.4	0.0	0.0	0.0	5.7
25	15.6	30.5	22.4	76.4	19.856	17.3	0.0	0.0	0.0	8.5
26	15.0	31.0	23.3	74.0	19.930	17.3	0.0	0.6	0.6	8.2
27	17.0	24.8	21.1	76.6	18.988	16.6	0.0	0.0	0.0	0.0
28	15.3	28.5	22.0	77.1	19.872	17.4	0.0	1.3	1.3	4.0
29	17.5	27.0	22.2	80.8	21.341	18.5	3.3	0.0	3.3	0.4
30	16.0	31.0	22.6	72.1	18.874	16.5	0.0	0.0	0.0	9.7
31	15.1	32.0	25.2	65.4	18.606	16.0	0.0	0.0	0.0	9.0
PROM	17.1	28.7	22.5	76.2	20.117	17.5	21.3	72.9	94.2	156.5

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO PALESTINA AÑO: 1.982

ALTITUD: 1.010 LATITUD: 5-05 N. LONGITUD: 75-40 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	17.1	29.6	22.4	14.5	32.8	75.1	19.569	17.0	265.8	16	201.9
FEBRERO	17.9	29.7	23.0	15.8	32.5	76.4	20.785	18.0	127.7	14	133.1
MARZO	17.8	30.0	23.0	14.5	32.5	76.6	20.788	18.0	241.3	19	170.4
ABRIL	18.0	29.0	22.7	14.5	31.5	78.5	21.113	18.2	240.7	24	128.2
MAYO	18.1	28.9	22.6	16.5	31.8	78.2	21.005	18.2	283.7	25	133.6
JUNIO	17.3	29.6	22.9	15.0	32.0	74.9	20.227	17.6	57.0	14	147.1
JULIO	16.2	29.9	22.8	13.0	32.5	71.5	18.919	16.5	69.0	12	182.2
AGOSTO	16.3	31.9	23.8	14.0	34.5	65.3	17.775	15.4	30.9	5	217.8
SEPTIEMBRE	17.0	30.3	23.2	14.5	33.8	69.3	18.538	16.1	127.5	17	136.2
OCTUBRE	16.6	28.0	21.8	13.5	31.0	76.3	19.376	16.9	230.8	23	138.4
NOVIEMBRE	16.6	27.7	21.7	14.4	31.5	78.4	19.989	17.4	229.2	19	151.3
DICIEMBRE	17.1	28.7	22.5	14.5	32.0	76.2	20.117	17.5	94.2	16	156.5
PROMEDIO	17.2	29.4	22.7	14.6	32.4	74.7	19.850	17.2			
TOTAL									1997.8	204	1896.7

ESTACION: SANTAGUEDA - LUKER MUNICIPIO: PALESTINA AÑO: 1.982

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

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	27.5	21.2	75.4	18.868	16.6	0.0	12.3	12.3	7.0
2	17.0	27.0	21.4	73.8	18.548	16.2	0.0	6.7	6.7	3.5
3	16.5	25.4	21.2	69.9	16.974	14.8	0.0	7.2	7.2	3.5
4	17.0	26.5	20.6	75.5	17.997	15.7	16.8	40.0	56.8	3.8
5	17.5	26.5	21.3	73.7	18.099	15.8	5.1	6.9	12.0	0.0
6	18.0	28.0	22.0	69.9	17.597	15.2	0.2	12.3	12.5	7.1
7	17.5	28.0	22.2	75.0	19.445	16.9	0.2	46.8	47.0	5.9
8	17.5	28.5	21.8	68.5	16.877	14.3	0.2	5.2	5.4	4.9
9	18.5	26.5	21.2	78.4	19.457	16.9	0.0	0.0	0.0	1.4
10	18.0	29.0	22.6	68.8	18.285	15.8	0.0	0.0	0.0	3.7
11	18.0	29.0	23.1	74.6	20.469	17.8	0.0	0.0	0.0	5.4
12	16.5	30.5	23.6	68.4	18.952	16.6	0.0	0.0	0.0	7.9
13	17.0	30.0	22.2	66.6	16.367	13.7	0.0	0.0	0.0	7.2
14	17.0	31.0	23.3	67.6	18.180	15.6	0.0	0.2	0.2	7.1
15	16.5	30.5	22.7	64.0	16.391	14.1	0.0	0.8	0.8	8.5
16	18.5	30.5	22.7	62.9	16.659	14.4	0.0	0.0	0.0	8.7
17	17.5	30.5	23.2	66.4	17.796	15.3	0.0	0.0	0.0	8.3
18	15.0	31.5	22.6	63.4	15.712	13.2	0.0	0.0	0.0	9.2
19	16.0	30.5	22.8	62.9	16.109	13.9	0.0	0.0	0.0	8.3
20	14.5	30.5	22.3	64.5	15.697	13.4	0.0	0.0	0.0	9.2
21	16.5	31.0	23.2	63.4	16.799	14.5	0.0	0.0	0.0	9.3
22	15.5	31.5	22.3	64.7	16.006	13.8	0.0	0.0	0.0	9.1
23	17.0	31.5	22.7	63.8	16.578	14.3	0.0	0.0	0.0	8.8
24	16.5	30.0	22.2	65.0	16.757	14.6	0.0	19.2	19.2	7.6
25	18.0	27.0	21.8	71.1	17.752	15.2	4.2	0.0	4.2	4.1
26	16.5	29.5	22.5	62.6	16.032	13.7	0.0	7.7	7.7	7.5
27	17.5	26.5	21.4	76.3	18.914	16.4	5.0	0.0	5.0	2.4
28	17.5	28.5	22.0	68.9	17.530	15.1	0.0	68.1	68.1	4.4
29	17.0	29.0	22.3	68.6	17.684	15.3	0.0	0.0	0.0	7.1
30	17.0	27.6	21.6	70.0	17.242	14.8	0.0	0.0	0.0	8.2
31	17.0	27.5	21.4	73.1	18.624	16.4	0.0	0.0	0.0	6.6
PROM.	17.0	28.9	22.2	69.0	17.561	15.2	31.7	233.4	265.1	195.7

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.6	28.5	22.7	71.1	18.768	16.3	0.0	0.0	0.0	4.7
2	18.5	28.0	22.1	70.1	18.666	16.4	0.0	0.0	0.0	3.5
3	17.5	30.0	23.0	57.6	15.247	13.1	0.0	6.8	6.8	7.2
4	17.5	29.5	23.5	65.4	17.683	15.1	0.0	5.8	5.8	8.5
5	18.0	29.5	22.4	73.0	18.937	16.2	2.9	16.2	19.1	4.5
6	17.5	28.0	22.4	76.3	20.118	17.5	0.0	29.9	29.9	1.3
7	18.0	28.5	22.5	76.2	20.204	17.6	0.0	0.0	0.0	5.7
8	17.0	29.0	23.1	69.7	18.596	16.0	0.0	0.0	0.0	4.3
9	18.0	29.0	23.2	70.3	19.252	16.8	0.0	18.7	18.7	5.8
10	17.5	27.5	23.2	72.8	20.004	17.2	0.0	5.2	5.2	1.6
11	18.0	30.5	23.3	69.2	18.624	16.1	0.0	0.4	0.4	9.4
12	17.0	28.5	23.2	71.1	19.405	17.0	0.0	0.0	0.0	4.4
13	17.5	28.5	22.7	70.4	18.766	16.3	0.0	0.0	0.0	4.8
14	17.5	30.0	24.2	62.0	17.780	15.5	0.0	26.1	26.1	4.4
15	17.0	28.0	22.2	75.9	19.857	17.3	0.6	2.8	3.4	0.0
16	18.5	29.5	22.9	73.0	19.490	16.8	0.0	1.7	1.7	5.8
17	18.0	29.5	23.4	61.7	16.684	14.4	0.0	0.0	0.0	6.4
18	18.0	30.5	23.8	63.0	17.484	15.1	0.0	0.0	0.0	7.5
19	18.0	28.5	21.7	72.6	18.228	15.7	3.5	2.2	5.7	2.1
20	18.0	25.5	22.3	74.7	19.698	17.2	0.0	0.0	0.0	1.7
21	18.0	30.5	23.6	64.2	17.347	14.5	0.0	0.0	0.0	8.9
22	18.5	28.5	23.0	71.1	19.265	16.6	0.0	0.0	0.0	4.7
23	17.5	30.0	23.4	72.7	19.682	17.0	0.0	0.0	0.0	6.3
24	15.5	29.5	22.9	74.9	19.896	17.4	0.0	0.0	0.0	6.1
25	18.5	30.0	23.8	62.2	17.452	15.0	0.0	0.0	0.0	8.0
26	18.5	29.5	23.4	72.8	20.117	17.3	0.0	0.0	0.0	2.3
27	18.0	30.0	24.2	62.0	17.814	15.6	0.0	0.0	0.0	5.3
28	18.0	30.0	23.5	68.1	18.875	16.2	0.0	8.9	8.9	4.9
PROM	17.8	29.1	23.1	69.4	18.712	16.2	7.0	124.7	131.7	140.1

ESTACION: SANTAGUEDA - LUKER MUNICIPIO: PALESTINA AÑO: 1.982

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	19.0	26.0	22.2	80.0	21.152	18.3	2.8	3.4	6.2	2.4
2	18.5	30.0	23.0	67.7	18.132	15.7	0.1	14.9	15.0	4.0
3	18.0	31.0	23.9	66.7	18.792	16.2	0.0	47.2	47.2	8.6
4	18.0	26.5	22.8	74.5	20.100	17.4	13.3	0.0	13.3	0.6
5	17.5	30.5	23.3	66.5	17.926	15.4	0.0	15.0	15.0	6.6
6	19.0	28.5	23.7	67.9	18.877	16.0	0.0	0.0	0.0	4.1
7	16.0	31.0	23.8	60.3	17.142	14.6	0.0	0.0	0.0	8.8
8	15.0	31.0	22.2	65.6	16.374	14.2	0.0	0.0	0.0	8.5
9	15.0	30.0	22.1	65.2	16.246	14.0	0.0	0.0	0.0	8.3
10	15.0	31.0	23.6	62.0	16.946	14.6	0.0	1.4	1.4	9.5
11	15.0	27.0	22.7	74.1	20.122	17.6	0.0	0.7	0.7	2.3
12	16.0	27.0	22.8	74.7	20.303	17.6	0.4	0.1	0.5	5.7
13	17.0	28.0	23.1	65.8	17.420	14.9	0.0	0.7	0.7	0.6
14	17.5	27.0	22.8	66.5	17.832	15.4	0.2	0.0	0.2	2.3
15	17.5	29.0	23.4	72.9	19.863	17.2	0.0	2.7	2.7	4.1
16	17.0	27.0	22.8	66.4	17.260	14.9	0.0	5.5	5.5	6.9
17	17.0	30.0	22.9	67.6	18.288	16.0	0.0	0.0	0.0	5.9
18	17.0	30.0	24.0	65.2	18.308	15.8	0.0	0.0	0.0	3.3
19	17.0	30.0	24.8	73.0	22.192	19.1	0.0	8.7	8.7	8.1
20	15.0	30.5	24.3	74.3	22.346	19.3	0.0	0.0	0.0	6.9
21	16.0	30.5	23.6	76.8	21.541	18.6	0.0	0.0	0.0	8.4
22	16.0	30.8	24.7	64.2	18.647	16.0	0.0	0.0	0.0	7.4
23	18.0	29.4	22.6	72.5	19.499	17.1	0.0	0.0	0.0	3.3
24	16.5	31.0	23.2	71.4	19.487	16.9	0.0	0.2	0.2	1.3
25	16.5	31.0	23.6	68.7	18.952	16.4	0.0	4.3	4.3	6.1
26	18.0	26.0	22.1	77.9	20.325	17.5	0.0	0.0	0.0	1.2
27	17.5	31.0	24.2	70.9	20.487	17.9	0.0	1.2	1.2	7.6
28	18.0	30.5	24.6	72.6	21.572	18.7	0.0	9.5	9.5	5.8
29	18.0	29.5	23.6	72.9	20.424	17.6	1.7	0.5	2.2	3.1
30	19.0	29.5	23.4	74.4	20.923	18.1	0.0	0.0	0.0	5.1
31	16.5	30.0	22.8	72.1	19.169	16.7	0.0	0.0	0.0	5.1
PROM.	17.0	29.4	23.3	70.0	19.247	16.6	18.5	116.0	134.5	161.9

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	30.5	23.6	68.6	19.236	16.7	0.0	0.0	0.0	3.7
2	19.0	26.0	22.8	80.9	22.409	19.3	0.6	1.7	2.3	0.6
3	19.0	26.0	22.4	80.7	21.528	18.5	0.0	12.8	12.8	1.4
4	19.0	27.5	22.3	82.1	21.954	19.0	0.4	3.2	3.6	0.1
5	18.0	29.0	22.4	72.7	18.988	16.5	0.0	21.5	21.5	5.5
6	18.0	28.0	21.3	77.9	19.422	16.9	1.4	0.0	1.4	1.8
7	18.0	28.5	22.8	74.4	19.974	17.3	0.0	0.0	0.0	2.9
8	18.5	28.0	22.2	77.2	20.336	17.6	0.0	1.8	1.8	3.3
9	18.0	29.0	22.4	72.6	18.913	16.2	0.2	22.1	22.3	3.1
10	17.5	26.0	22.2	63.6	16.375	13.9	0.0	0.0	0.0	0.6
11	16.0	30.0	23.4	59.9	16.660	14.3	0.0	34.4	34.4	4.8
12	16.5	28.0	22.2	71.7	18.226	15.7	0.0	0.0	0.0	2.6
13	15.0	30.0	22.9	65.3	16.990	14.6	0.0	0.0	0.0	9.1
14	17.5	30.5	23.1	66.1	17.545	15.1	0.6	0.0	0.6	4.9
15	17.5	30.5	24.3	64.8	18.462	15.8	0.0	1.7	1.7	10.0
16	17.5	30.0	23.8	63.8	18.112	15.8	0.0	5.0	5.0	6.5
17	18.0	29.0	22.8	67.8	17.715	15.1	0.0	31.9	31.9	2.4
18	18.0	29.0	23.3	72.4	19.826	17.0	2.6	4.3	6.9	4.5
19	17.0	30.0	23.5	74.4	20.818	18.1	0.0	1.2	1.2	8.2
20	17.0	30.5	23.5	70.2	19.491	16.7	0.4	13.6	14.0	4.7
21	17.0	26.5	22.9	77.1	21.761	18.6	0.3	0.1	0.4	2.3
22	17.5	30.0	24.4	70.0	20.666	17.9	0.0	0.2	0.2	6.9
23	17.5	29.0	23.1	72.9	20.135	17.5	0.2	0.0	0.2	3.5
24	16.5	29.0	23.9	73.2	20.792	18.0	0.0	0.0	0.0	5.7
25	17.0	29.0	24.2	71.7	20.772	17.9	0.0	0.0	0.0	6.9
26	18.5	30.5	23.0	68.0	19.514	16.9	6.7	0.0	6.7	2.4
27	15.5	29.5	23.3	71.7	19.821	17.3	0.2	3.9	4.1	6.2
28	18.0	24.0	20.6	82.9	20.185	17.5	5.4	1.7	7.1	0.0
29	17.0	28.0	21.1	71.9	17.576	15.2	0.0	11.0	11.0	7.0
30	18.0	29.5	23.5	73.2	20.557	17.7	8.7	5.9	14.6	4.4
PROM	17.5	28.7	22.9	72.0	19.492	16.8	27.7	178.0	205.7	126.0

ESTACION: SANTAGUEDA - LUKER MUNICIPIO: PALESTINA AÑO: 1.982

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	18.0	30.0	23.3	72.5	20.380	17.5	0.1	4.9	5.0	3.5
2	18.0	28.0	22.0	72.2	18.479	16.1	4.5	0.1	4.6	3.8
3	17.5	30.0	23.6	66.1	18.689	16.2	0.0	3.0	3.0	7.3
4	18.0	30.5	23.0	71.4	19.271	16.8	0.0	9.0	9.0	4.8
5	16.5	28.5	22.8	74.2	19.734	17.0	0.0	0.0	0.0	5.7
6	18.0	29.0	22.0	77.0	20.202	17.6	0.0	47.1	47.1	4.2
7	18.5	30.5	23.5	72.9	20.312	17.6	0.0	4.8	4.8	5.7
8	19.0	25.5	22.0	75.6	19.585	17.0	0.0	7.1	7.1	0.4
9	18.0	29.0	22.7	69.2	18.401	15.8	0.2	20.4	20.6	2.2
10	18.0	26.5	21.5	79.9	20.236	17.7	3.3	0.0	3.3	2.1
11	17.0	30.5	23.2	70.6	19.246	16.8	0.0	2.5	2.5	9.2
12	17.0	30.5	24.5	60.2	17.846	15.4	0.0	0.0	0.0	9.2
13	19.0	30.5	23.3	74.2	20.897	18.1	0.0	0.0	0.0	4.9
14	18.0	30.0	22.7	63.7	17.035	14.7	0.0	0.0	0.0	5.4
15	18.0	27.0	21.5	80.9	20.866	18.2	6.0	7.0	13.0	2.3
16	17.0	27.5	22.3	71.5	18.758	16.3	0.0	0.0	0.0	2.4
17	18.0	29.5	23.4	67.7	18.789	16.5	0.0	38.0	38.0	7.1
18	18.5	29.0	22.9	75.8	20.626	17.8	0.0	6.2	6.2	4.3
19	19.0	28.5	22.7	77.8	21.142	18.3	0.0	12.0	12.0	2.5
20	19.0	28.5	23.6	73.3	20.567	17.8	1.1	1.5	2.6	4.5
21	18.0	28.5	21.6	71.9	18.114	15.8	0.5	0.0	0.5	3.2
22	19.0	28.0	21.2	79.7	20.218	17.6	18.2	2.6	20.8	2.3
23	19.0	29.0	21.8	70.5	18.288	16.0	10.2	0.1	10.3	5.5
24	18.0	29.0	22.9	77.4	21.211	18.4	0.4	11.5	11.9	1.4
25	19.0	28.0	22.0	75.1	19.337	16.6	1.2	0.0	1.2	3.3
26	18.5	28.5	22.2	73.1	19.083	16.5	0.0	11.0	11.0	4.4
27	19.0	29.0	23.0	74.1	20.063	17.3	0.0	0.0	0.0	5.3
28	19.0	27.0	22.3	77.3	20.932	18.2	0.0	0.0	0.0	1.5
29	19.0	27.4	22.0	84.1	22.210	19.1	30.0	0.0	30.0	0.5
30	18.6	28.0	23.5	65.7	17.937	14.9	0.0	34.0	34.0	5.9
31	18.0	29.5	23.3	74.3	20.322	17.4	0.0	5.2	5.2	4.7
PROM.	18.2	28.7	22.7	73.2	19.638	17.0	75.7	228.0	303.7	129.5

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	20.0	26.5	22.6	79.4	21.446	18.5	0.0	0.0	0.0	0.8
2	18.0	30.5	24.0	75.4	21.603	18.6	0.0	0.2	0.2	8.1
3	19.0	30.5	23.5	71.9	20.300	17.6	0.0	0.0	0.0	6.1
4	19.0	27.0	22.4	77.0	20.501	17.7	0.0	0.0	0.0	2.3
5	18.0	29.5	23.1	72.2	19.803	17.1	0.3	2.3	2.6	4.7
6	17.5	30.0	22.7	76.6	20.378	17.6	0.0	2.0	2.0	4.6
7	18.5	30.0	22.6	75.4	20.158	17.5	4.7	0.0	4.7	6.7
8	18.5	29.5	22.7	75.1	19.876	17.2	0.0	0.0	0.0	7.5
9	18.0	29.5	23.5	75.0	21.477	18.6	0.0	15.2	15.2	3.6
10	18.0	29.0	23.5	77.3	21.613	18.6	0.0	0.0	0.0	6.8
11	19.0	30.0	23.5	74.4	21.178	18.4	0.0	0.0	0.0	4.6
12	18.0	30.0	24.2	73.9	21.133	18.2	3.2	0.0	3.2	6.5
13	19.0	30.0	24.1	64.6	19.384	16.9	0.0	18.3	18.3	7.9
14	16.5	30.0	23.9	75.4	21.305	18.4	0.0	0.0	0.0	7.7
15	18.5	30.5	24.4	74.7	21.708	18.5	0.0	0.3	0.3	7.4
16	19.0	30.0	24.1	71.5	20.744	17.8	0.0	8.4	8.4	6.9
17	19.5	28.5	23.5	77.9	21.818	18.7	0.0	0.0	0.0	6.6
18	18.0	30.0	22.8	78.3	21.254	18.4	1.0	0.1	1.1	6.0
19	16.5	30.0	21.9	78.0	19.663	17.1	0.1	0.0	0.1	4.1
20	17.0	30.5	23.1	80.3	22.047	19.0	0.0	7.1	7.1	4.4
21	18.5	29.5	23.1	77.4	21.358	18.5	0.0	3.9	3.9	1.5
22	18.5	30.0	24.0	74.8	21.397	18.3	0.0	0.0	0.0	9.2
23	17.0	30.5	23.7	73.9	20.420	17.4	0.0	0.0	0.0	6.7
24	17.0	28.0	23.1	84.8	23.647	20.1	0.2	0.0	0.2	1.7
25	17.0	29.5	23.7	73.7	20.731	17.7	0.0	2.0	2.0	7.3
26	17.0	31.0	24.4	73.6	21.469	18.2	0.0	0.6	0.6	10.1
27	17.0	32.0	23.6	66.2	19.221	16.7	0.0	0.0	0.0	5.1
28	18.0	31.5	24.2	73.2	20.991	18.0	0.0	0.0	0.0	9.5
29	17.0	31.5	24.3	73.1	20.766	17.5	0.0	0.0	0.0	9.7
30	18.0	32.0	24.8	73.6	22.029	18.8	0.0	0.0	0.0	9.1
PROM	18.0	29.9	23.5	75.0	20.981	18.1	9.5	60.4	69.9	183.2

ESTACION: SANTAGUEDA - LUKER MUNICIPIO: PALESTINA AÑO: 1.982

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

M E S - JULIO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	30.5	24.3	68.0	19.273	16.7	0.0	4.2	4.2	9.4
2	18.0	31.0	24.0	73.0	20.433	17.6	0.0	0.0	0.0	5.6
3	17.5	31.0	24.3	73.8	21.121	18.0	0.0	0.3	0.3	7.1
4	17.5	28.0	23.5	70.9	20.295	17.6	0.0	0.8	0.8	6.6
5	17.5	31.0	22.8	73.7	19.308	16.6	0.0	0.0	0.0	3.9
6	16.0	28.0	23.1	69.7	18.743	16.2	0.0	0.0	0.0	4.3
7	16.0	31.0	23.8	68.5	18.930	16.1	0.3	0.1	0.4	8.5
8	18.0	28.5	22.6	65.3	17.135	14.7	0.2	0.0	0.2	4.1
9	15.5	31.0	23.7	59.8	15.834	13.6	0.0	0.0	0.0	10.4
10	17.0	31.0	23.5	62.0	16.792	14.5	0.0	0.0	0.0	9.8
11	17.0	31.5	22.4	61.4	15.981	13.7	0.0	0.0	0.0	4.4
12	17.5	28.0	22.8	67.3	18.191	15.8	0.3	9.5	9.8	5.1
13	17.5	30.0	23.5	63.2	17.208	14.7	0.0	0.0	0.0	6.7
14	17.0	32.0	25.0	56.4	15.692	12.8	0.0	0.0	0.0	8.4
15	17.0	32.0	24.5	55.0	15.443	12.7	0.0	0.0	0.0	7.8
16	17.0	30.5	23.1	62.7	16.567	14.3	0.0	0.0	0.0	6.6
17	16.0	31.5	23.9	57.3	15.324	12.8	0.0	0.0	0.0	10.5
18	16.0	28.0	23.0	59.4	15.596	13.4	0.0	2.5	2.5	0.0
19	16.0	30.0	23.8	64.8	17.901	15.6	0.0	12.8	12.8	2.3
20	18.0	28.5	22.1	64.3	16.184	13.6	0.0	0.0	0.0	2.1
21	15.5	31.5	23.5	59.2	15.568	13.4	0.0	0.0	0.0	11.2
22	15.5	30.5	23.9	61.1	16.322	14.1	0.0	0.0	0.0	9.3
23	17.0	31.5	24.1	59.7	16.552	14.3	0.0	0.0	0.0	8.8
24	14.5	31.0	22.8	44.7	11.345	7.9	0.0	0.0	0.0	11.1
25	16.5	31.0	24.3	51.8	14.635	12.2	0.0	0.0	0.0	7.8
26	18.0	29.0	23.4	66.1	18.337	16.0	0.0	18.5	18.5	4.1
27	18.0	27.5	21.7	73.5	18.628	16.3	4.5	8.0	12.5	2.2
28	18.0	29.5	21.7	68.4	17.123	14.7	0.0	5.0	5.0	0.0
29	18.0	29.5	21.8	70.3	17.921	15.5	0.0	0.0	0.0	4.7
30	17.5	30.5	23.4	62.1	17.275	15.2	0.0	0.0	0.0	7.2
31	16.0	30.4	23.5	56.9	14.285	11.1	0.0	0.0	0.0	7.4
PROM.	16.9	30.2	23.3	63.6	17.095	14.6	5.3	61.7	67.0	197.4

M E S - AGOSTO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	30.0	22.5	64.1	16.196	13.6	0.0	0.0	0.0	8.6
2	18.0	30.5	23.4	63.8	17.372	15.1	0.0	2.0	2.0	9.8
3	16.5	32.0	23.5	58.5	15.181	12.5	0.0	0.0	0.0	9.7
4	16.0	32.0	23.6	58.7	15.298	12.6	0.0	0.0	0.0	11.2
5	15.0	30.0	23.6	53.1	13.275	10.0	0.0	0.0	0.0	10.1
6	17.5	29.0	24.4	56.3	15.588	13.1	0.0	11.0	11.0	6.1
7	17.5	26.6	22.1	66.9	16.961	14.7	0.0	9.0	9.0	1.5
8	18.0	28.0	21.9	66.0	16.816	14.6	0.0	0.0	0.0	3.6
9	15.0	32.0	23.4	60.3	15.248	11.8	0.0	0.0	0.0	11.5
10	16.0	30.5	23.6	59.8	15.842	13.4	0.0	0.0	0.0	6.8
11	17.0	32.5	23.7	49.2	12.605	9.1	0.0	0.0	0.0	11.0
12	15.5	31.5	23.6	57.8	15.137	12.6	0.0	0.0	0.0	8.2
13	16.5	31.5	23.5	55.3	13.906	10.6	0.0	0.0	0.0	9.5
14	16.0	31.0	23.5	55.8	14.216	11.3	0.0	0.0	0.0	11.1
15	18.0	32.0	22.0	65.7	16.026	12.3	0.0	4.0	4.0	11.0
16	17.5	31.0	23.3	67.5	18.217	16.0	0.0	0.0	0.0	7.7
17	16.5	32.0	24.0	55.7	14.457	11.5	0.0	0.0	0.0	8.0
18	16.5	31.5	23.7	58.8	15.948	13.7	0.0	0.0	0.0	6.7
19	17.5	32.5	24.9	51.6	13.645	10.3	0.0	0.0	0.0	8.6
20	18.5	29.0	23.2	63.8	17.496	15.2	0.0	0.0	0.0	0.2
21	18.0	30.1	23.6	55.1	14.490	11.9	0.0	0.0	0.0	4.9
22	15.5	33.5	24.4	51.1	13.267	9.9	0.0	0.0	0.0	5.9
23	16.5	32.5	25.0	54.6	15.367	13.3	0.0	0.0	0.0	8.0
24	17.0	32.0	23.7	48.2	12.610	9.3	0.0	0.0	0.0	8.5
25	17.0	32.0	23.6	58.3	15.448	12.7	0.0	0.0	0.0	7.6
26	15.5	32.5	23.8	56.4	14.331	11.4	0.0	0.0	0.0	9.0
27	17.5	32.5	25.6	54.2	15.593	13.2	0.0	0.3	0.3	4.7
28	18.7	32.0	23.9	57.3	15.697	12.8	0.0	0.0	0.0	4.0
29	16.0	32.9	24.1	54.7	14.195	11.2	0.0	0.0	0.0	10.4
30	15.5	32.5	24.9	54.0	14.406	11.8	0.0	0.0	0.0	7.1
31	17.5	30.1	23.4	66.5	17.967	15.6	0.0	0.0	0.0	5.0
PROM	16.8	31.2	23.7	58.0	15.252	12.5	0.0	26.3	26.3	236.0

ESTACION: SANTAGUEDA - LUKER MUNICIPIO: PALESTINA AÑO: 1.982

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	33.0	24.8	56.9	15.155	12.4	0.0	4.0	4.0	8.2
2	18.0	32.5	25.1	59.9	17.183	14.1	0.0	0.0	0.0	8.1
3	16.5	31.3	24.9	58.4	16.434	13.8	0.0	0.0	0.0	6.8
4	17.0	31.0	25.1	59.8	17.653	15.2	0.0	0.4	0.4	5.1
5	18.0	32.0	25.6	54.9	16.085	13.4	0.0	4.8	4.8	8.6
6	17.5	32.5	24.9	55.4	15.360	12.4	0.0	0.0	0.0	7.1
7	14.5	33.5	24.7	50.3	13.719	10.8	0.0	0.0	0.0	8.4
8	17.0	32.5	25.1	58.2	16.119	13.4	0.0	0.1	0.1	7.4
9	19.5	30.5	24.4	59.7	17.061	14.1	0.2	0.3	0.5	4.1
10	19.0	29.0	23.4	73.0	20.362	17.5	0.4	9.5	9.9	0.1
11	18.0	28.5	22.0	71.4	18.130	15.7	0.4	0.0	0.4	4.9
12	16.5	31.6	22.4	59.0	14.764	11.5	4.8	24.0	28.8	8.9
13	18.0	31.5	24.5	63.6	18.186	15.8	0.0	8.3	8.3	7.3
14	17.0	29.5	23.5	66.0	17.796	15.2	0.0	6.5	6.5	1.7
15	19.0	28.5	22.4	78.4	20.960	18.1	3.9	0.4	4.3	2.0
16	18.5	30.0	21.8	74.5	18.573	15.8	0.3	7.7	8.0	3.6
17	18.0	25.5	21.2	83.6	20.826	18.1	1.0	0.3	1.3	0.0
18	18.5	30.0	23.0	68.4	18.232	15.6	0.0	45.0	45.0	1.7
19	18.5	23.6	20.1	88.9	21.032	18.3	15.0	0.0	15.0	0.0
20	18.0	29.5	23.5	62.3	16.735	14.3	0.0	1.9	1.9	5.6
21	18.5	30.0	23.6	67.3	18.561	15.8	0.0	0.0	0.0	7.6
22	16.0	31.0	24.1	60.5	17.095	14.9	0.0	0.0	0.0	6.8
23	17.5	30.0	24.1	62.8	17.323	14.7	0.0	9.8	9.8	7.3
24	18.0	25.6	21.2	84.0	21.036	18.3	0.5	9.9	10.4	0.9
25	17.5	28.5	21.5	72.9	18.126	15.8	0.9	0.9	1.8	3.4
26	17.0	28.0	22.0	60.4	15.486	13.3	0.0	0.0	0.0	4.5
27	15.5	31.5	23.6	63.5	16.355	13.4	0.0	0.0	0.0	7.1
28	15.5	27.2	22.2	69.1	17.273	14.9	0.0	0.0	0.0	7.6
29	17.5	28.5	22.5	68.9	18.155	15.8	0.0	0.0	0.0	2.3
30	17.5	27.0	22.3	72.4	18.835	16.4	0.0	0.0	0.0	0.0
PROM.	17.4	29.8	23.3	66.1	17.620	15.0	27.4	133.8	161.2	147.1

M E S - OCTUBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	26.5	21.4	74.5	18.870	16.5	0.7	0.0	0.7	0.0
2	16.6	29.6	22.3	69.6	17.566	15.1	0.0	38.6	38.6	6.9
3	17.4	26.0	21.7	68.9	17.890	15.6	0.0	4.7	4.7	1.1
4	17.0	29.0	22.4	69.3	17.859	15.2	0.0	13.5	13.5	6.9
5	17.5	27.0	22.4	75.3	19.733	17.1	0.0	0.0	0.0	5.1
6	15.5	30.0	23.4	66.2	17.569	14.5	0.0	5.5	5.5	2.5
7	18.6	27.0	22.1	80.4	21.125	18.3	0.9	8.0	8.9	3.4
8	17.5	26.0	21.0	81.4	20.058	17.5	0.0	0.0	0.0	1.3
9	17.0	29.5	21.8	71.6	18.300	16.0	0.4	1.4	1.8	7.5
10	17.0	28.5	21.5	73.7	18.555	16.0	0.0	0.0	0.0	3.9
11	14.5	29.9	23.6	65.7	17.760	15.3	0.0	14.6	14.6	9.8
12	17.5	26.0	20.2	79.0	18.763	16.3	0.5	0.0	0.5	1.5
13	15.0	30.0	21.7	71.0	17.275	14.7	0.0	0.6	0.6	8.6
14	17.0	29.3	22.5	68.6	18.053	15.7	0.0	3.7	3.7	3.9
15	17.0	29.0	22.3	68.9	17.723	15.3	0.0	0.7	0.7	6.5
16	18.5	28.0	22.3	77.3	20.708	18.0	0.0	18.3	18.3	4.7
17	17.0	26.0	20.9	81.6	19.757	17.2	1.1	0.0	1.1	3.3
18	15.0	28.5	22.5	72.1	18.547	16.1	0.0	0.0	0.0	3.9
19	17.0	29.0	22.2	74.0	18.730	15.9	9.6	18.2	27.8	4.4
20	17.0	26.5	21.7	79.9	19.978	17.4	0.4	1.3	1.7	3.0
21	17.5	28.0	21.6	71.6	17.850	15.5	0.0	16.7	16.7	6.2
22	18.0	28.0	21.7	83.0	21.557	18.7	0.9	0.3	1.2	3.1
23	18.0	29.0	21.8	74.9	19.199	16.7	8.7	0.2	8.9	3.7
24	17.5	27.5	22.2	77.6	20.097	17.3	1.5	4.2	5.7	3.3
25	18.5	27.0	22.1	73.4	19.173	16.8	0.0	21.7	21.7	1.0
26	17.5	25.6	21.4	81.3	20.376	17.7	0.9	0.0	0.9	0.2
27	18.0	25.5	20.9	84.0	20.986	18.3	0.2	0.0	0.2	0.3
28	16.0	29.0	21.3	72.7	17.905	15.5	1.7	0.0	1.7	2.4
29	15.0	29.0	22.8	68.3	17.883	15.3	0.0	0.0	0.0	6.5
30	17.0	30.0	23.0	66.0	17.416	15.0	0.0	0.0	0.0	9.0
31	18.0	28.5	23.9	74.1	21.355	18.3	0.0	7.4	7.4	5.6
PROM	17.1	28.0	22.0	74.0	18.988	16.4	27.5	179.6	207.1	129.5

ESTACION: SANTAGUEDA - LUKER MUNICIPIO: PALESTINA AÑO: 1.982

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

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	28.0	22.5	76.0	20.114	17.2	0.4	8.9	9.3	4.2
2	17.0	26.0	21.6	77.7	19.441	16.8	0.0	22.6	22.6	1.7
3	17.0	29.0	21.8	71.4	17.663	15.0	0.0	1.8	1.8	6.4
4	17.5	27.5	20.9	82.9	20.492	17.8	1.8	0.0	1.8	2.5
5	16.5	29.0	22.6	72.2	19.173	16.6	0.0	7.3	7.3	7.2
6	17.5	27.0	21.6	82.0	20.698	17.9	3.9	0.2	4.1	6.5
7	18.0	30.0	22.9	70.0	18.762	16.2	0.0	2.6	2.6	2.6
8	18.0	30.0	22.7	74.8	19.859	17.1	0.0	14.2	14.2	5.6
9	18.5	31.0	24.2	69.6	20.015	17.2	0.0	0.0	0.0	9.2
10	19.5	27.5	21.9	79.9	21.420	18.5	0.0	0.0	0.0	3.3
11	16.6	27.0	21.9	76.0	19.541	17.0	0.3	19.6	19.9	3.0
12	17.6	28.4	22.6	73.7	19.382	16.7	0.0	19.5	19.5	5.7
13	18.0	30.0	22.6	72.0	18.908	15.9	0.0	0.0	0.0	7.8
14	15.5	28.3	22.3	78.8	20.412	17.6	0.0	0.0	0.0	4.6
15	16.0	31.0	23.3	70.8	18.969	16.2	0.0	13.3	13.3	7.4
16	19.0	27.5	22.5	79.2	21.127	18.2	0.0	18.5	18.5	1.1
17	18.5	28.0	22.7	78.5	21.475	18.5	0.1	0.0	0.1	3.5
18	18.0	24.5	20.8	82.1	20.098	17.5	1.9	0.0	1.9	0.2
19	18.0	29.0	22.1	71.4	18.290	15.8	0.0	41.1	41.1	6.4
20	18.5	24.5	21.0	83.9	20.839	18.1	10.0	0.0	10.0	0.0
21	18.0	26.5	21.4	78.7	19.765	17.2	0.0	0.0	0.0	2.1
22	17.0	28.0	22.4	75.1	19.920	17.4	0.0	7.4	7.4	6.7
23	17.0	27.6	22.1	73.3	18.934	16.2	0.0	0.0	0.0	0.1
24	17.0	29.5	22.0	71.8	18.362	15.9	0.0	0.0	0.0	6.8
25	18.0	27.0	22.1	75.1	19.675	17.1	3.6	0.0	3.6	3.7
26	16.5	28.5	21.5	75.5	18.965	16.5	0.7	0.0	0.7	6.5
27	14.5	29.0	21.9	71.8	17.853	15.4	0.1	8.5	8.6	8.4
28	16.5	27.0	21.0	75.2	18.123	15.8	0.0	0.0	0.0	6.0
29	15.5	28.4	21.4	72.5	17.730	15.3	0.0	0.0	0.0	7.4
30	15.0	30.0	23.1	68.1	17.547	15.0	0.0	0.0	0.0	7.9
PROM.	17.3	28.2	22.1	75.3	19.452	16.8	22.8	185.5	208.3	144.5

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	29.0	23.5	73.2	20.283	17.5	0.0	3.9	3.9	5.6
2	18.5	30.0	23.2	73.5	20.116	17.3	0.2	0.0	0.2	4.4
3	18.0	30.5	23.5	62.8	16.435	12.7	0.0	0.3	0.3	6.9
4	19.0	25.5	22.0	81.6	21.592	18.7	0.0	8.3	8.3	0.0
5	18.0	28.5	21.8	72.9	18.856	16.5	0.1	0.3	0.4	0.0
6	18.5	29.0	23.2	72.2	19.716	16.9	0.0	0.0	0.0	5.4
7	18.5	28.5	22.2	74.6	19.384	16.7	7.0	0.9	7.9	5.0
8	19.0	28.0	22.8	74.8	19.987	17.3	0.0	0.0	0.0	4.3
9	18.0	23.3	19.8	85.1	19.648	17.1	0.6	0.0	0.6	0.0
10	15.0	30.0	21.8	77.8	19.792	17.2	11.2	0.4	11.6	6.6
11	18.0	30.0	23.4	76.5	21.564	18.6	0.0	0.2	0.2	4.5
12	17.0	28.3	23.0	77.6	21.778	18.8	0.0	1.0	1.0	3.9
13	18.5	28.5	23.3	75.8	21.038	18.2	0.0	0.0	0.0	2.2
14	18.5	30.0	23.3	75.5	20.637	17.7	0.0	0.0	0.0	7.4
15	17.0	30.5	23.9	70.2	19.198	16.2	0.0	0.0	0.0	7.1
16	18.5	29.0	22.7	75.4	20.429	17.8	0.0	0.3	0.3	4.6
17	17.5	28.0	20.8	76.8	19.040	16.7	6.3	0.4	6.7	5.0
18	17.0	27.0	21.0	76.4	18.768	16.4	0.0	0.0	0.0	3.9
19	18.0	30.0	22.8	72.2	19.305	16.8	0.0	0.0	0.0	4.4
20	18.0	30.0	23.4	71.4	19.637	17.0	0.0	27.9	27.9	7.1
21	17.5	29.4	22.8	71.2	18.706	16.2	0.0	2.0	2.0	5.6
22	17.5	29.5	23.2	71.3	19.344	16.5	0.0	0.9	0.9	4.8
23	19.0	29.5	23.4	77.2	21.388	18.3	0.0	0.0	0.0	5.6
24	17.5	29.5	23.6	74.9	21.150	18.3	0.0	0.0	0.0	6.1
25	16.5	29.5	22.3	72.8	18.695	16.2	0.0	0.0	0.0	0.0
26	15.5	30.0	23.7	78.1	21.943	18.9	0.0	1.2	1.2	0.9
27	15.5	25.0	21.9	80.6	21.109	18.4	0.0	0.0	0.0	0.0
28	15.5	28.0	21.3	66.6	16.371	14.2	0.0	1.4	1.4	3.8
29	18.5	31.0	21.9	79.0	20.242	17.5	3.1	0.0	3.1	0.3
30	17.5	30.0	23.0	70.0	18.089	14.8	0.0	0.0	0.0	8.4
31	16.0	31.0	21.6	70.9	17.168	14.8	0.0	0.0	0.0	8.7
PROM	17.5	28.9	22.6	74.5	19.723	17.0	28.5	49.4	77.9	132.5

ESTACION: SANTAGUEDA - LUKER MUNICIPIO PALESTINA AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar Horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	17.0	28.9	22.2	14.5	31.5	69.0	17.561	15.2	265.1	15	195.7
FEBRERO	17.8	29.1	23.1	15.5	30.5	69.4	18.712	16.2	131.7	12	140.1
MARZO	17.0	29.4	23.3	15.0	31.0	70.0	19.247	16.6	134.5	18	161.9
ABRIL	17.5	28.7	22.9	15.0	30.5	72.0	19.492	16.8	205.7	23	126.0
MAYO	18.2	28.7	22.7	16.5	30.5	73.2	19.638	17.0	303.7	24	129.5
JUNIO	18.0	29.9	23.5	16.5	32.0	75.0	20.981	18.1	69.9	16	183.2
JULIO	16.9	30.2	23.3	14.5	32.0	63.6	17.095	14.6	67.0	11	197.4
AGOSTO	16.8	31.2	23.7	15.0	33.5	58.0	15.252	12.5	26.3	5	236.0
SEPTIEMBRE	17.4	29.8	23.3	14.5	33.5	66.1	17.620	15.0	161.2	19	147.1
OCTUBRE	17.1	28.0	22.0	14.5	30.0	74.0	18.988	16.4	207.1	25	129.5
NOVIEMBRE	17.3	28.2	22.1	14.5	31.0	75.3	19.452	16.8	208.3	20	144.5
DICIEMBRE	17.5	28.9	22.6	15.0	31.0	74.5	19.723	17.0	77.9	18	132.5
PROMEDIO	17.4	29.3	22.9	15.1	31.4	70.0	18.647	16.0			
TOTAL									1858.4	206	1923.4

ESTACION: CENICAFE MUNICIPIO: CHINCHINA AÑO: 1.982

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	17.4	24.8	20.0	84.9	19.913	17.4	6.8	0.6	7.4	1.3
2	15.6	25.8	19.9	81.5	18.821	16.5	3.4	9.4	12.8	0.7
3	16.0	24.3	19.6	84.0	19.122	16.8	0.0	39.9	39.9	0.8
4	15.6	22.8	18.5	91.2	19.564	17.2	16.0	12.1	28.1	0.8
5	16.0	25.3	18.5	87.8	18.704	16.4	22.9	26.2	49.1	1.3
6	16.2	27.3	19.9	82.4	18.866	16.5	7.0	25.5	32.5	7.3
7	16.8	26.8	20.9	78.4	19.035	16.7	0.1	19.0	19.1	5.2
8	16.4	26.8	20.6	77.2	18.583	16.4	0.0	26.7	26.7	5.8
9	16.8	23.7	19.7	84.9	19.433	17.0	7.0	0.0	7.0	3.6
10	17.0	27.5	21.2	78.6	19.493	17.0	0.4	0.0	0.4	3.3
11	17.1	27.6	21.6	77.4	19.462	17.0	0.0	0.0	0.0	4.5
12	16.7	29.7	22.3	66.5	17.343	15.2	0.0	0.0	0.0	7.4
13	17.0	28.8	21.9	71.0	18.196	16.0	0.0	0.0	0.0	6.0
14	16.8	27.7	21.3	69.4	17.358	15.3	0.0	13.1	13.1	6.2
15	16.9	28.8	21.7	77.2	19.253	16.8	0.0	6.6	6.6	9.1
16	16.5	29.0	21.4	72.4	17.938	15.8	0.0	0.0	0.0	9.4
17	16.7	28.8	22.6	64.5	17.003	14.9	0.0	0.0	0.0	9.1
18	15.7	30.1	22.4	64.0	16.389	14.3	0.0	0.0	0.0	9.6
19	16.6	29.3	22.3	62.6	16.288	14.3	0.0	0.0	0.0	8.6
20	15.4	30.4	22.4	69.2	17.681	15.6	0.0	0.0	0.0	9.1
21	17.1	29.9	22.5	64.2	16.742	14.7	0.0	0.0	0.0	9.8
22	16.0	30.3	22.2	62.6	15.827	13.8	0.0	0.0	0.0	9.5
23	17.0	29.6	22.0	64.6	16.514	14.5	0.0	0.0	0.0	9.2
24	16.6	27.0	21.4	73.1	18.210	16.0	0.0	12.8	12.8	6.6
25	16.8	25.7	20.0	76.9	17.616	15.5	0.0	0.4	0.4	2.5
26	16.5	28.6	19.9	76.5	17.469	15.3	8.2	9.5	17.7	6.8
27	16.5	24.5	19.4	82.5	18.383	16.1	4.1	0.0	4.1	1.4
28	16.0	26.4	20.4	73.0	17.172	15.1	9.2	43.4	52.6	3.0
29	15.6	26.7	19.7	77.5	17.383	15.2	2.1	0.0	2.1	5.5
30	16.8	27.2	21.4	75.4	18.532	16.2	0.0	0.0	0.0	4.1
31	17.0	25.8	20.0	85.0	20.119	17.5	0.2	0.0	0.2	3.3
PROM.	16.5	27.3	20.9	75.4	18.142	15.9	87.4	245.2	332.6	170.8

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	27.4	21.5	68.2	17.041	15.0	0.0	0.0	0.0	5.3
2	16.5	27.0	20.7	72.4	17.259	15.1	0.0	0.0	0.0	3.8
3	16.0	29.6	22.0	67.3	16.978	14.9	0.0	12.2	12.2	8.2
4	17.8	27.5	21.4	73.6	18.185	15.9	0.0	4.1	4.1	5.7
5	17.8	27.4	20.3	75.2	17.680	15.5	0.0	0.0	0.0	3.6
6	16.3	27.0	21.4	76.7	19.271	16.9	0.0	23.7	23.7	2.1
7	17.2	26.7	20.6	78.8	18.766	16.5	1.6	0.0	1.6	4.9
8	15.9	27.8	21.8	74.6	18.904	16.5	0.0	10.8	10.8	4.1
9	16.8	26.6	21.5	76.9	19.230	16.8	0.0	5.2	5.2	4.0
10	18.2	26.3	21.9	75.8	19.393	17.0	0.4	45.0	45.4	2.3
11	16.5	29.4	22.5	71.1	18.389	16.2	0.0	4.8	4.8	8.7
12	16.1	26.5	20.5	82.8	20.078	17.5	5.7	0.0	5.7	2.5
13	17.0	27.5	20.9	77.6	18.925	16.6	0.0	6.3	6.3	4.0
14	17.8	28.0	21.5	77.3	19.366	17.0	0.0	42.3	42.3	4.6
15	16.4	25.5	20.7	82.6	19.801	17.3	0.0	0.0	0.0	0.8
16	17.0	28.0	20.3	72.1	17.041	15.0	0.0	0.0	0.0	5.9
17	17.8	28.0	21.5	72.7	18.257	16.0	0.2	0.0	0.2	5.9
18	17.8	27.9	21.5	69.8	17.469	15.3	2.3	0.6	2.9	6.0
19	16.7	24.9	19.7	82.4	18.901	16.6	4.2	2.7	6.9	1.9
20	16.6	23.8	19.6	85.3	19.381	17.0	18.7	0.0	18.7	0.5
21	16.0	27.8	22.3	70.6	17.883	15.7	0.2	0.0	0.2	7.9
22	17.8	27.2	21.3	81.7	20.454	17.8	0.0	0.0	0.0	3.8
23	17.6	29.7	21.5	78.5	19.543	17.0	0.0	0.0	0.0	6.7
24	15.8	28.4	21.7	77.5	19.426	17.0	0.0	4.3	4.3	5.8
25	17.7	30.0	23.0	74.1	20.296	17.7	0.0	0.0	0.0	7.0
26	18.4	27.6	21.8	81.9	21.009	18.3	0.7	0.6	1.3	2.8
27	17.3	28.5	22.0	76.3	19.722	17.3	0.1	0.3	0.4	3.6
28	17.5	28.3	20.3	87.0	20.733	18.1	15.3	12.0	27.3	4.3
PROM	17.0	27.5	21.3	76.5	18.906	16.6	49.4	174.9	224.3	126.7

ESTACION: CENICAFE MUNICIPIO: CHINCHINA AÑO: 1.982

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	17.8	26.6	20.5	90.9	21.774	18.9	0.2	11.3	11.5	1.3
2	17.6	27.7	20.3	83.7	19.820	17.3	12.1	3.6	15.7	5.1
3	16.8	30.8	22.6	75.9	19.748	17.1	0.0	0.0	0.0	8.5
4	18.5	25.3	21.1	78.6	19.473	16.9	8.1	0.0	8.1	0.0
5	17.0	28.0	21.1	80.6	19.881	17.4	0.0	1.3	1.3	5.8
6	18.3	28.2	21.8	82.9	21.292	18.5	0.0	0.0	0.0	5.3
7	17.6	29.8	22.2	64.8	16.293	14.0	0.0	0.0	0.0	9.8
8	15.6	29.6	21.6	71.9	17.846	15.6	0.2	0.0	0.2	6.7
9	13.5	28.6	21.0	76.8	18.608	16.3	0.0	0.0	0.0	7.2
10	17.5	28.4	21.0	82.1	20.103	17.5	5.5	11.3	16.8	7.7
11	17.6	24.8	20.4	86.4	20.905	18.2	0.4	0.0	0.4	0.9
12	17.8	24.0	20.0	87.9	20.684	18.0	0.4	0.0	0.4	0.1
13	17.0	28.5	21.7	74.3	18.673	16.4	0.1	24.4	24.5	4.3
14	17.6	24.3	20.5	86.1	20.517	17.9	1.2	0.0	1.2	0.0
15	17.4	28.8	21.2	78.4	19.292	16.9	1.0	20.8	21.8	5.8
16	16.4	29.6	22.5	64.5	16.447	14.3	0.0	3.1	3.1	7.1
17	16.0	28.7	21.6	70.8	17.654	15.6	0.0	0.0	0.0	7.1
18	17.6	29.6	21.0	75.5	18.610	16.3	1.3	0.0	1.3	3.7
19	17.0	28.8	22.3	68.9	17.748	15.6	0.0	0.0	0.0	5.9
20	17.0	29.6	22.3	65.9	17.099	14.9	0.0	0.0	0.0	7.1
21	16.0	30.0	22.0	68.9	17.317	15.2	0.0	0.9	0.9	7.1
22	17.5	30.0	23.5	69.0	18.916	16.6	0.0	4.3	4.3	6.4
23	18.2	25.3	20.4	84.9	20.541	17.9	1.7	0.6	2.3	2.0
24	16.6	28.3	21.5	77.4	19.614	17.2	0.0	0.0	0.0	3.3
25	17.2	30.7	22.5	72.0	19.005	16.7	0.0	1.4	1.4	6.3
26	18.0	25.6	21.0	81.4	20.059	17.6	0.0	0.0	0.0	1.3
27	16.2	29.6	22.1	67.7	17.063	15.0	0.1	1.3	1.4	8.0
28	18.0	27.7	21.9	75.8	19.367	17.0	0.0	5.4	5.4	4.6
29	18.5	27.0	21.7	80.4	20.582	17.9	0.0	1.3	1.3	3.0
30	17.8	27.5	21.0	77.8	19.370	17.0	0.9	0.0	0.9	3.3
31	16.0	28.6	21.5	75.2	18.990	16.7	0.0	0.0	0.0	2.9
PROM.	17.1	28.1	21.5	76.7	19.138	16.7	33.2	91.0	124.2	147.6

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.6	27.5	21.7	80.4	20.791	18.1	0.6	0.0	0.6	2.9
2	18.4	24.5	21.0	89.6	22.339	19.2	1.8	0.0	1.8	0.5
3	17.7	25.0	20.6	84.5	20.277	17.7	0.2	0.9	1.1	0.4
4	17.5	23.6	20.0	87.8	20.592	17.9	6.5	0.2	6.7	0.2
5	17.5	25.4	20.9	77.4	18.789	16.5	0.5	30.2	30.7	1.5
6	17.2	26.4	19.8	80.7	18.500	16.3	10.6	0.3	10.9	2.9
7	16.1	26.8	21.2	81.7	19.900	17.2	0.0	11.4	11.4	3.8
8	17.5	25.5	20.5	92.7	22.373	19.3	1.5	0.1	1.6	1.1
9	17.2	27.0	20.3	83.8	20.055	17.6	1.4	11.5	12.9	1.5
10	17.0	25.3	20.3	83.9	19.575	17.1	0.2	0.0	0.2	0.8
11	15.0	25.9	19.9	86.6	20.031	17.5	3.1	37.7	40.8	4.5
12	16.1	26.0	19.9	87.0	19.967	17.4	0.0	0.0	0.0	3.3
13	15.5	27.1	20.8	82.3	19.969	17.5	0.0	0.1	0.1	4.9
14	17.0	28.2	21.4	81.4	20.581	18.0	0.0	0.0	0.0	5.2
15	17.2	30.6	22.7	77.7	20.744	18.0	0.0	6.4	6.4	10.6
16	18.0	28.8	22.2	86.7	23.075	19.8	0.0	14.2	14.2	6.3
17	17.0	27.0	20.6	84.5	20.172	17.6	0.4	2.5	2.9	2.8
18	17.5	27.8	20.9	84.6	20.873	18.2	0.0	20.6	20.6	3.8
19	15.1	28.7	21.8	80.4	20.414	17.8	0.0	0.8	0.8	8.8
20	18.5	28.5	21.2	86.4	21.979	19.0	5.6	0.2	5.8	4.7
21	17.9	25.1	20.7	87.5	21.351	18.5	0.7	0.0	0.7	1.1
22	15.6	27.0	21.9	81.3	20.904	18.1	0.0	0.0	0.0	4.8
23	18.0	27.5	20.6	89.9	22.248	19.2	0.3	0.0	0.3	2.8
24	15.5	28.0	21.8	82.8	21.009	18.2	0.0	0.0	0.0	4.8
25	16.7	29.7	23.0	80.6	21.902	18.8	0.0	0.0	0.0	6.4
26	18.0	28.4	21.2	85.6	22.326	19.2	38.4	0.0	38.4	2.6
27	15.4	26.9	21.5	81.2	20.444	17.8	0.0	17.1	17.1	4.1
28	17.1	22.0	19.1	93.1	20.830	18.2	7.5	2.2	9.7	0.0
29	16.3	27.5	20.0	84.8	19.709	17.2	2.5	2.3	4.8	3.6
30	16.6	27.2	20.6	84.6	20.463	17.8	0.0	0.1	0.1	5.3
PROM	16.9	26.8	20.9	84.4	20.739	18.0	81.8	158.8	240.6	106.0

ESTACION: CENICAFE MUNICIPIO: CHINCHINA AÑO: 1.982

ALTITUD: 1.310 LATITUD: 5-00 N. LONGITUD: 75-36 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	27.2	20.9	83.6	20.476	17.8	0.2	1.6	1.8	4.0
2	18.2	27.7	20.2	86.3	20.588	17.9	21.2	1.6	22.8	3.4
3	16.6	28.8	20.8	83.5	20.194	17.6	14.9	6.4	21.3	4.4
4	17.2	28.6	20.8	86.5	21.315	18.5	2.4	13.1	15.5	4.6
5	15.8	26.2	20.9	90.2	22.225	19.1	1.1	0.0	1.1	5.0
6	17.2	28.0	22.0	77.7	20.107	17.6	5.7	10.5	16.2	1.4
7	17.9	28.6	22.2	84.1	22.161	19.1	0.0	13.9	13.9	5.9
8	18.0	25.0	20.9	88.0	21.588	18.7	0.6	6.2	6.8	0.7
9	17.0	25.6	20.9	87.0	21.477	18.6	0.0	4.4	4.4	2.7
10	17.0	24.6	20.1	87.9	20.544	17.9	2.1	0.0	2.1	2.1
11	16.2	27.8	21.4	82.2	20.482	17.8	0.3	13.8	14.1	5.2
12	16.9	27.7	22.3	80.0	20.939	18.2	0.7	0.0	0.7	7.7
13	17.8	27.7	20.8	91.5	22.864	19.6	2.3	0.0	2.3	3.5
14	16.5	27.7	21.3	85.6	21.577	18.7	0.1	0.0	0.1	2.9
15	17.3	25.0	19.9	93.5	21.730	18.8	2.4	0.0	2.4	0.8
16	17.0	27.3	20.7	91.4	22.183	19.1	0.5	0.0	0.5	2.9
17	16.5	28.0	20.7	86.8	21.283	18.5	5.9	11.8	17.7	2.3
18	16.8	27.7	19.9	86.8	20.009	17.5	2.1	22.0	24.1	3.0
19	16.3	25.9	19.8	86.8	19.918	17.4	12.8	9.5	22.3	3.2
20	16.2	25.5	19.9	88.0	20.532	17.9	2.6	18.7	21.3	2.7
21	15.5	25.0	19.5	85.2	19.495	17.1	16.7	1.3	18.0	2.5
22	16.8	23.6	19.4	88.2	19.867	17.4	9.9	6.3	16.2	0.3
23	16.3	26.0	20.5	81.0	19.193	16.8	3.2	0.3	3.5	3.3
24	16.4	25.8	20.9	83.3	20.418	17.8	5.2	8.1	13.3	2.9
25	17.8	25.7	20.3	84.7	20.222	17.7	5.3	0.4	5.7	2.0
26	17.1	26.0	20.5	82.3	19.759	17.3	1.5	10.1	11.6	2.9
27	17.6	26.3	21.6	78.6	19.751	17.2	0.0	0.0	0.0	3.1
28	16.8	25.3	21.2	81.0	20.194	17.6	0.0	0.0	0.0	0.9
29	17.5	25.0	19.9	92.3	21.505	18.6	4.1	0.0	4.1	1.4
30	17.0	26.5	21.4	80.7	20.429	17.8	0.2	0.3	0.5	3.9
31	17.7	27.6	21.6	78.8	20.067	17.5	0.0	8.1	8.1	4.4
PROM.	17.0	26.6	20.7	85.3	20.745	18.0	124.0	168.4	292.4	96.0

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	25.7	21.2	82.6	20.353	17.7	0.0	0.0	0.0	1.0
2	16.6	28.5	22.1	72.2	18.724	16.5	0.0	0.0	0.0	5.8
3	18.5	29.2	21.8	73.3	19.061	16.7	17.1	0.0	17.1	5.4
4	17.7	25.3	21.0	81.2	20.157	17.6	0.0	0.0	0.0	0.9
5	16.3	26.5	20.9	72.5	17.604	15.4	0.1	2.9	3.0	4.5
6	16.0	26.2	20.8	79.8	19.256	16.9	0.0	0.0	0.0	3.4
7	16.7	27.1	20.5	78.5	18.485	16.1	6.0	0.0	6.0	4.9
8	16.6	27.8	21.7	72.5	17.951	15.6	0.0	0.0	0.0	7.6
9	17.0	26.4	20.8	82.0	20.205	17.6	0.6	30.2	30.8	2.7
10	17.0	27.8	22.1	70.4	17.793	15.4	0.0	0.0	0.0	8.4
11	17.9	27.2	21.4	82.5	21.457	18.6	0.4	2.8	3.2	4.3
12	16.0	27.0	21.4	76.6	18.902	16.6	0.5	0.0	0.5	5.9
13	16.5	28.2	20.9	73.3	17.725	15.6	0.0	23.1	23.1	6.2
14	16.3	28.2	21.9	75.8	19.406	17.0	0.0	0.0	0.0	6.6
15	17.3	28.7	22.3	73.8	19.116	16.7	0.0	0.0	0.0	6.4
16	17.3	27.5	22.5	72.0	19.186	16.8	0.0	1.3	1.3	5.0
17	17.6	27.0	21.5	76.1	19.003	16.6	0.0	0.0	0.0	3.1
18	17.5	26.8	21.2	76.4	19.077	16.7	0.5	0.5	1.0	3.7
19	15.5	28.2	20.3	75.7	17.609	15.5	9.8	0.0	9.8	4.2
20	15.0	25.3	20.3	82.3	19.374	16.9	0.2	0.0	0.2	3.9
21	16.8	26.3	21.5	72.4	18.363	16.1	0.3	5.7	6.0	3.1
22	17.0	27.8	21.8	74.6	18.869	16.5	0.0	0.0	0.0	8.7
23	16.6	28.5	22.4	69.9	18.006	15.7	0.0	0.0	0.0	5.8
24	17.7	25.5	20.9	79.6	19.808	17.3	0.3	0.0	0.3	0.0
25	16.7	28.5	22.1	71.2	18.584	16.3	0.0	21.0	21.0	6.4
26	17.8	28.3	22.3	74.1	19.144	16.7	0.0	5.5	5.5	8.8
27	17.2	27.2	21.4	78.8	19.568	17.1	0.0	0.0	0.0	3.3
28	16.8	30.0	22.7	71.3	18.771	16.3	0.0	0.0	0.0	9.1
29	16.8	30.3	22.6	70.0	18.170	16.0	0.0	0.3	0.3	9.0
30	17.0	31.3	22.5	68.6	17.999	15.8	0.0	0.0	0.0	8.3
PROM	16.9	27.6	21.6	75.3	18.924	16.5	35.8	93.3	129.1	156.4

ESTACION: CENICAFE MUNICIPIO: CHINCHINA AÑO: 1.982

ALTITUD: 1.310 LATITUD: 5-00 N. LONGITUD: 75-36 W.

M E S - JULIO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	28.7	22.6	70.1	18.225	15.9	0.0	3.3	3.3	7.5
2	17.0	28.3	21.9	77.0	19.624	17.1	0.0	0.0	0.0	4.5
3	15.8	27.3	21.5	72.3	17.594	15.5	0.1	0.5	0.6	4.5
4	16.6	27.0	20.1	87.9	20.441	17.8	12.6	0.1	12.7	4.9
5	17.7	27.0	21.1	79.6	19.755	17.2	0.2	0.0	0.2	3.2
6	15.7	27.5	21.2	78.7	19.502	17.1	0.0	0.0	0.0	3.4
7	17.7	29.9	20.9	76.2	18.234	15.6	38.8	0.0	38.8	6.8
8	16.4	26.7	20.4	78.3	18.607	16.3	0.9	0.0	0.9	4.0
9	15.8	29.4	22.0	69.6	17.599	15.4	0.0	0.0	0.0	7.2
10	16.8	30.0	22.5	69.6	18.074	15.9	0.0	0.0	0.0	8.9
11	16.3	27.3	20.8	73.3	18.855	16.6	0.6	3.7	4.3	3.9
12	17.2	25.4	20.8	83.2	20.353	17.8	0.4	13.3	13.7	2.4
13	17.6	27.9	22.0	72.7	18.524	16.1	0.0	0.0	0.0	6.5
14	16.7	30.0	23.0	64.5	17.023	14.9	0.0	0.0	0.0	7.2
15	16.9	31.4	23.2	62.2	16.354	14.2	0.0	0.0	0.0	6.6
16	16.5	28.7	21.7	68.5	17.171	15.1	0.0	0.0	0.0	5.6
17	16.0	29.7	22.8	63.8	16.579	14.5	0.0	0.0	0.0	9.2
18	17.3	27.0	21.9	77.8	20.055	17.5	0.0	0.1	0.1	1.4
19	17.3	28.4	22.3	71.7	18.517	16.2	0.0	2.5	2.5	4.5
20	17.0	25.8	20.8	75.3	17.803	15.6	0.0	2.5	2.5	2.0
21	15.8	30.0	21.8	63.6	15.541	13.5	0.0	0.0	0.0	6.7
22	15.6	29.1	23.2	57.2	17.711	15.5	0.0	0.0	0.0	8.5
23	17.0	29.2	22.6	66.9	17.364	15.2	0.0	0.0	0.0	7.8
24	15.4	30.6	22.3	59.5	15.218	13.2	0.0	0.0	0.0	9.1
25	16.0	29.0	21.5	71.2	17.671	15.5	0.0	0.0	0.0	7.1
26	16.9	27.8	21.6	82.4	21.032	18.3	0.1	14.2	14.3	3.7
27	17.2	25.7	19.3	84.5	18.870	16.6	3.3	44.8	48.1	2.2
28	16.7	25.4	20.2	83.2	19.446	17.0	0.0	0.0	0.0	2.6
29	16.8	26.7	21.2	72.1	17.613	15.4	0.5	0.1	0.6	4.1
30	16.8	29.4	21.6	73.8	18.373	16.1	0.0	0.0	0.0	6.1
31	16.3	28.3	22.9	64.5	16.915	14.9	0.0	0.0	0.0	6.5
PROM.	16.6	28.2	21.7	73.1	18.214	15.9	57.5	85.1	142.6	168.6

M E S - AGOSTO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	29.3	21.9	76.1	19.365	17.0	0.0	2.8	2.8	6.4
2	17.4	28.3	21.7	70.8	17.792	15.6	0.1	21.1	21.2	6.5
3	15.9	29.2	22.1	66.9	16.862	14.7	0.0	0.0	0.0	8.5
4	15.5	29.7	22.6	60.0	15.745	13.8	0.0	0.0	0.0	9.5
5	14.7	28.4	21.7	64.5	15.567	13.4	0.0	0.0	0.0	7.6
6	16.9	27.5	21.3	71.9	17.627	15.4	0.0	21.2	21.2	2.4
7	17.2	27.0	20.7	79.5	19.081	16.8	1.0	32.6	33.6	2.0
8	17.0	25.7	20.3	80.8	19.096	16.8	0.2	0.0	0.2	1.4
9	14.1	31.2	22.1	59.9	14.806	12.8	0.0	0.0	0.0	10.1
10	16.6	28.3	22.5	72.4	18.903	16.6	0.0	0.0	0.0	6.2
11	17.4	30.0	22.4	62.1	15.672	13.5	0.0	0.0	0.0	9.0
12	15.9	29.2	22.3	63.3	16.047	14.0	0.0	0.0	0.0	7.3
13	16.2	29.0	21.9	67.5	17.336	15.3	0.0	0.0	0.0	5.9
14	17.5	29.5	23.3	64.9	17.483	15.4	0.0	0.0	0.0	9.2
15	16.8	30.5	22.9	69.1	18.048	15.7	0.0	0.3	0.3	9.9
16	17.2	28.7	21.9	67.6	17.184	15.0	0.0	0.0	0.0	5.9
17	15.8	30.4	23.5	64.9	17.683	15.6	0.0	0.0	0.0	7.8
18	16.8	29.6	23.0	65.3	17.810	15.7	0.0	0.0	0.0	5.7
19	16.6	30.0	23.8	63.9	17.404	15.1	0.0	0.0	0.0	6.8
20	18.1	27.4	22.0	73.8	19.210	16.8	0.0	0.0	0.0	0.5
21	16.7	28.0	22.2	69.1	17.772	15.6	0.0	0.0	0.0	4.5
22	15.0	31.5	23.1	63.9	16.184	14.1	0.0	0.0	0.0	9.9
23	16.1	31.6	23.9	59.5	16.283	14.2	0.0	0.0	0.0	6.1
24	16.7	30.9	23.1	66.7	18.007	15.8	0.0	0.0	0.0	7.6
25	17.0	29.6	23.2	67.3	18.417	16.2	0.0	0.0	0.0	6.9
26	16.0	30.0	23.0	67.0	17.647	15.5	0.0	0.0	0.0	6.9
27	17.4	30.0	24.1	63.9	17.845	15.6	0.0	0.0	0.0	4.4
28	16.3	30.7	23.9	64.0	17.959	15.7	0.0	0.0	0.0	4.5
29	16.5	30.7	22.5	68.1	17.475	15.4	0.0	0.0	0.0	6.8
30	16.6	30.0	23.2	67.8	18.530	16.3	0.0	0.0	0.0	5.8
31	16.2	27.5	21.8	77.5	19.648	17.2	0.3	0.0	0.3	3.9
PROM	16.5	29.3	22.5	67.7	17.564	15.4	1.6	78.0	79.6	195.9

ESTACION: CENICAFE MUNICIPIO: CHINCHINA AÑO: 1.982

ALTITUD: 1.310 LATITUD: 5-00 N. LONGITUD. 75-36 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.2	30.9	23.8	60.5	16.155	14.0	0.0	0.1	0.1	8.0
2	18.3	31.0	24.1	60.1	17.138	14.9	0.0	0.0	0.0	7.3
3	16.9	30.0	23.8	65.7	18.217	16.0	0.0	0.0	0.0	6.7
4	17.4	28.3	22.7	75.1	19.962	17.4	0.0	0.9	0.9	3.1
5	17.0	30.0	23.3	68.1	18.318	16.0	0.0	8.4	8.4	7.2
6	16.5	31.0	22.9	67.8	18.075	15.9	0.0	0.0	0.0	6.8
7	15.8	31.5	23.0	64.6	16.993	14.8	0.0	0.0	0.0	6.9
8	17.2	31.5	23.8	64.9	17.999	15.8	0.0	0.3	0.3	6.8
9	17.4	27.6	21.5	81.9	20.756	18.0	2.7	0.0	2.7	2.0
10	18.3	27.0	22.5	73.2	19.485	17.0	0.0	14.6	14.6	1.3
11	17.0	26.8	20.0	81.3	18.842	16.5	1.3	0.6	1.9	3.6
12	15.3	30.5	22.5	65.4	16.768	14.6	0.0	6.0	6.0	8.2
13	18.0	30.0	22.0	72.9	18.448	16.1	0.1	0.4	0.5	5.3
14	17.6	26.8	22.0	63.2	15.893	13.7	0.0	0.5	0.5	1.6
15	18.0	26.0	20.5	83.9	20.242	17.7	4.2	20.5	24.7	1.1
16	17.2	27.0	20.3	82.3	19.300	16.9	3.7	0.0	3.7	3.2
17	15.7	23.0	19.7	92.4	21.027	18.3	2.0	0.7	2.7	0.5
18	18.0	29.2	22.2	76.0	19.751	17.2	0.0	17.5	17.5	4.9
19	17.0	21.4	18.7	92.8	20.149	17.6	3.5	0.0	3.5	0.0
20	16.9	28.2	21.1	74.8	18.336	16.1	0.0	1.7	1.7	1.7
21	17.1	28.2	21.8	71.5	18.129	15.9	0.0	0.0	0.0	5.5
22	15.8	29.2	22.1	66.9	17.061	15.0	0.0	13.9	13.9	4.4
23	16.0	28.1	22.1	70.0	17.813	15.5	0.0	0.9	0.9	4.2
24	16.3	23.6	20.1	84.6	19.753	17.2	2.5	4.1	6.6	0.7
25	16.0	25.0	19.8	82.2	18.728	16.4	0.4	2.7	3.1	2.2
26	16.3	27.5	21.2	76.7	18.729	16.4	0.0	0.0	0.0	2.9
27	15.8	28.7	22.8	71.8	18.916	16.4	0.0	0.0	0.0	5.8
28	15.0	24.3	20.2	77.1	18.065	15.9	11.8	0.0	11.8	4.2
29	16.4	27.5	21.7	72.0	18.129	15.7	0.1	1.9	2.0	4.6
30	17.0	25.6	20.6	79.4	19.099	16.7	2.6	8.2	10.8	2.8
PROM.	16.8	27.8	21.8	74.0	18.543	16.2	34.9	103.9	138.8	123.5

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	23.4	19.3	88.6	19.902	17.4	3.8	6.5	10.3	0.0
2	15.0	27.0	20.9	68.0	16.141	14.1	0.0	42.6	42.6	5.4
3	15.5	24.6	19.7	86.1	19.516	17.1	0.0	0.0	0.0	1.4
4	15.6	25.4	20.1	71.8	16.559	14.5	0.4	16.5	16.9	3.3
5	16.4	27.0	21.0	78.4	19.046	16.7	2.7	0.0	2.7	4.7
6	15.8	29.6	21.4	69.6	17.282	15.2	0.4	0.0	0.4	6.6
7	17.4	25.5	21.4	75.4	19.178	16.8	0.1	4.3	4.4	1.5
8	16.7	23.2	19.4	82.4	18.467	16.2	2.7	5.7	8.4	1.8
9	15.5	26.5	19.6	76.0	16.858	14.7	8.9	2.5	11.4	6.5
10	15.6	25.7	20.0	74.5	16.939	14.7	0.0	0.0	0.0	4.7
11	15.0	27.7	22.0	63.4	16.054	14.0	0.0	17.1	17.1	7.6
12	16.0	22.8	18.9	83.8	18.294	16.1	0.6	0.0	0.6	0.3
13	14.3	28.9	20.9	65.9	15.416	13.3	0.0	0.0	0.0	9.7
14	16.5	27.2	20.4	74.0	17.608	15.4	2.5	6.9	9.4	2.7
15	16.0	27.0	20.9	69.1	16.258	13.9	0.0	0.0	0.0	7.3
16	17.2	25.9	20.4	77.9	18.443	16.1	0.2	16.6	16.8	2.5
17	15.6	23.3	18.5	91.8	19.737	17.3	8.9	0.0	8.9	1.7
18	14.6	26.5	19.9	72.8	16.022	13.7	0.8	0.0	0.8	4.6
19	16.0	27.4	21.0	76.6	18.368	16.0	0.0	55.4	55.4	3.9
20	15.4	24.5	19.7	73.2	17.926	15.8	0.3	3.2	3.5	2.2
21	15.5	25.5	20.7	74.4	17.623	15.4	0.0	5.1	5.1	5.4
22	16.1	26.0	20.4	78.9	18.521	16.2	2.3	0.1	2.4	4.1
23	17.0	25.8	19.7	80.6	18.471	16.2	1.7	0.2	1.9	2.0
24	17.0	26.5	19.9	81.9	19.055	16.7	1.0	6.8	7.8	4.4
25	16.6	25.0	20.7	77.7	18.619	16.3	0.6	31.7	32.3	2.9
26	16.5	24.4	19.8	83.0	18.974	16.7	2.5	0.0	2.5	1.2
27	17.2	23.4	18.7	89.8	19.839	17.3	3.8	0.0	3.8	0.3
28	15.0	26.5	20.7	75.1	17.816	15.6	0.3	0.0	0.3	6.4
29	15.6	26.8	21.6	70.8	17.883	15.7	0.0	0.0	0.0	7.8
30	15.0	28.4	21.4	71.8	17.812	15.6	0.0	6.4	6.4	9.3
31	17.0	27.0	21.5	74.8	19.029	16.8	0.0	20.3	20.3	5.1
PROM	16.0	25.9	20.3	76.9	17.989	15.7	44.5	247.9	292.4	127.3

ESTACION: CENICAFE MUNICIPIO: CHINCHINA AÑO: 1.982

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	16.3	24.7	20.1	81.1	18.750	16.4	0.5	66.4	66.9	2.5
2	16.0	24.0	19.7	82.0	18.424	16.2	0.3	29.2	29.5	2.7
3	15.8	26.6	20.7	78.6	18.773	16.5	0.0	3.5	3.5	5.4
4	16.4	25.3	20.1	81.5	18.941	16.6	0.0	0.0	0.0	2.4
5	16.0	27.0	21.0	77.4	19.146	16.8	0.0	8.2	8.2	8.5
6	15.5	25.0	18.8	81.5	17.743	15.6	1.6	0.0	1.6	3.2
7	16.0	27.5	21.2	74.5	18.436	16.2	0.5	0.0	0.5	5.1
8	16.3	27.6	21.7	71.2	17.886	15.6	0.0	0.0	0.0	5.7
9	17.7	28.0	23.2	68.3	19.100	16.7	0.0	0.0	0.0	7.9
10	18.0	26.0	19.7	87.2	20.401	17.8	0.2	0.0	0.2	2.9
11	15.7	25.0	20.0	84.9	19.914	17.4	1.9	20.9	22.8	1.5
12	17.0	25.5	20.6	83.9	20.146	17.5	0.6	0.0	0.6	3.0
13	17.6	28.8	22.2	68.9	17.837	15.6	0.0	0.0	0.0	9.4
14	16.5	27.5	22.1	71.3	18.092	15.7	0.0	0.0	0.0	4.9
15	17.0	29.5	22.6	70.8	19.131	16.8	0.0	35.9	35.9	6.8
16	17.8	25.4	20.8	86.3	20.998	18.2	0.0	0.9	0.9	0.1
17	17.6	26.9	21.1	83.3	21.010	18.3	0.1	0.0	0.1	2.5
18	17.0	24.6	19.3	91.1	20.936	18.1	2.8	0.0	2.8	0.4
19	16.5	27.6	20.8	77.0	18.453	16.2	0.0	1.0	1.0	6.4
20	18.0	23.8	20.1	89.0	20.827	18.2	0.7	0.7	1.4	0.0
21	16.8	24.7	20.2	76.3	18.209	16.0	0.0	0.0	0.0	2.2
22	16.4	25.0	19.8	77.8	18.179	16.0	9.9	3.4	13.3	5.1
23	16.8	26.7	21.3	76.8	19.007	16.7	0.0	0.0	0.0	6.1
24	17.8	27.9	22.1	67.3	17.474	15.2	0.0	14.0	14.0	5.9
25	17.2	26.0	19.7	83.0	19.009	16.7	13.8	0.0	13.8	3.1
26	16.5	27.5	20.1	75.0	17.514	15.4	14.5	0.0	14.5	6.4
27	14.5	27.7	20.1	65.9	15.038	13.1	0.0	33.6	33.6	9.3
28	15.6	26.3	20.8	72.0	16.919	14.9	0.0	0.0	0.0	7.6
29	15.0	27.0	21.1	68.8	16.710	14.6	0.0	0.0	0.0	8.6
30	15.5	29.4	22.5	66.8	17.317	15.1	0.0	0.0	0.0	9.5
PROM.	16.6	26.5	20.8	77.3	18.677	16.3	47.4	217.7	265.1	145.1

M E S – DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.1	27.8	22.6	68.4	18.254	16.0	0.0	0.4	0.4	4.6
2	17.8	27.2	21.4	68.6	17.497	15.4	0.0	0.0	0.0	4.1
3	17.4	29.8	22.2	67.9	17.932	15.8	0.0	0.0	0.0	6.8
4	18.4	23.8	21.4	85.1	21.605	18.7	0.0	0.0	0.0	0.0
5	18.0	26.5	21.3	72.0	17.672	15.3	0.0	1.0	1.0	4.6
6	18.0	28.1	21.9	75.1	19.102	16.7	0.1	0.2	0.3	4.8
7	17.8	27.3	21.8	71.8	18.449	16.1	0.1	25.1	25.2	3.5
8	17.5	27.0	20.5	76.3	18.012	15.8	23.6	0.8	24.4	3.9
9	17.3	23.0	18.6	94.5	20.191	17.7	0.4	0.0	0.4	0.3
10	15.5	27.7	21.7	69.3	17.312	15.0	0.0	0.0	0.0	5.7
11	18.0	28.8	21.4	71.5	17.952	15.8	0.2	0.0	0.2	5.3
12	17.5	27.5	21.5	77.8	19.470	17.0	0.0	0.0	0.0	5.0
13	17.5	27.2	21.8	80.9	20.883	18.1	0.0	0.0	0.0	2.2
14	16.5	30.0	22.9	65.8	17.474	15.0	0.0	0.0	0.0	7.7
15	17.4	29.8	22.8	65.8	17.834	15.7	0.0	3.6	3.6	7.9
16	18.9	27.5	21.1	74.8	18.517	16.2	11.4	0.0	11.4	3.3
17	17.3	25.8	20.2	79.9	18.992	16.6	8.0	3.3	11.3	2.7
18	16.4	24.0	19.7	86.0	19.577	17.2	4.5	0.0	4.5	1.4
19	16.6	27.8	22.1	75.3	19.268	16.8	0.1	0.0	0.1	3.6
20	17.5	29.8	22.3	69.5	18.116	15.8	0.0	0.3	0.3	7.0
21	17.4	28.4	22.8	70.6	18.802	16.5	0.0	8.7	8.7	7.0
22	17.9	28.8	21.6	78.5	19.824	17.3	0.0	0.2	0.2	6.1
23	17.6	27.8	22.0	75.8	19.528	17.1	0.0	0.0	0.0	5.7
24	17.4	27.3	21.0	71.1	17.845	15.7	0.0	0.0	0.0	5.1
25	16.5	28.8	21.8	68.7	17.502	15.4	0.0	0.0	0.0	9.1
26	16.2	29.3	21.9	70.4	17.533	15.2	0.2	1.2	1.4	7.3
27	18.0	24.0	20.3	78.0	18.823	16.5	0.1	0.0	0.1	0.1
28	16.5	26.8	21.1	72.2	17.505	15.4	0.0	0.0	0.0	3.6
29	17.7	24.8	20.7	80.1	19.353	16.9	0.0	0.0	0.0	0.4
30	16.3	29.9	22.3	64.1	16.563	14.6	0.0	0.0	0.0	9.0
31	16.3	29.9	22.8	61.8	16.153	14.1	0.0	0.0	0.0	10.2
PROM	17.3	27.5	21.5	73.8	18.501	16.2	48.7	44.8	93.5	148.0

ESTACION: CENICAFE MUNICIPIO CHINCHINA AÑO: 1.982

ALTITUD: 1.310 LATITUD: 5-00 N. LONGITUD: 75-36 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.5	27.3	20.9	15.4	30.4	75.4	18.142	15.9	332.6	19	170.8
FEBRERO	17.0	27.5	21.3	15.8	30.0	76.5	18.906	16.6	224.3	20	126.7
MARZO	17.1	28.1	21.5	13.5	30.8	76.7	19.138	16.7	124.2	21	147.6
ABRIL	16.9	26.8	20.9	15.0	30.6	84.4	20.739	18.0	240.6	25	106.0
MAYO	17.0	26.6	20.7	15.5	28.8	85.3	20.745	18.0	292.4	29	96.0
JUNIO	16.9	27.6	21.6	15.0	31.3	75.3	18.924	16.5	129.1	16	156.4
JULIO	16.6	28.2	21.7	15.4	31.4	73.1	18.214	15.9	142.6	14	168.6
AGOSTO	16.5	29.3	22.5	14.1	31.6	67.7	17.564	15.4	79.6	7	195.9
SEPTIEMBRE	16.8	27.8	21.8	15.0	31.5	74.0	18.543	16.2	138.8	23	123.5
OCTUBRE	16.0	25.9	20.3	14.3	29.6	76.9	17.989	15.7	292.4	26	127.3
NOVIEMBRE	16.6	26.5	20.8	14.5	29.5	77.3	18.677	16.3	265.1	20	145.1
DICIEMBRE	17.3	27.5	21.5	15.5	30.0	73.8	18.501	16.2	93.5	17	148.0
PROMEDIO	16.8	27.4	21.3	14.9	30.5	76.4	18.840	16.5			
TOTAL									2355.2	237	1711.9

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1982

ALTITUD: 1.400 LATITUD: 4-58 N. LONGITUD: 75-42 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	24.0	19.3	87.5	19.783	17.3	1.3	0.3	1.6	0.4
2	16.0	23.0	18.7	80.7	17.355	15.2	2.3	7.8	10.1	0.0
3	15.4	22.2	18.7	81.9	17.598	15.5	0.0	23.5	23.5	0.3
4	16.4	22.2	18.0	90.4	18.741	16.5	8.9	17.1	26.0	1.1
5	16.6	22.2	18.2	87.6	18.305	16.1	1.4	9.4	10.8	6.2
6	16.0	24.4	19.5	82.5	18.496	16.3	0.0	20.3	20.3	4.2
7	16.6	25.0	19.9	81.0	18.713	16.5	0.4	15.5	15.9	4.3
8	16.6	25.3	20.1	81.1	18.933	16.6	0.0	16.9	16.9	2.3
9	17.4	23.3	19.0	89.8	19.760	17.3	9.0	0.0	9.0	0.7
10	18.1	26.0	20.5	79.9	19.390	17.0	0.0	0.7	0.7	0.0
11	16.1	26.0	21.1	79.9	19.608	17.2	0.0	0.0	0.0	6.0
12	16.1	27.0	21.1	73.0	17.902	15.7	0.0	0.0	0.0	6.9
13	16.4	28.0	21.4	74.6	18.674	16.4	0.0	0.0	0.0	5.5
14	16.2	27.0	20.8	82.7	20.280	17.7	1.3	21.0	22.3	6.0
15	15.6	28.0	21.6	77.2	19.296	16.9	0.0	2.4	2.4	8.2
16	16.5	27.5	21.3	74.1	18.650	16.4	0.0	0.0	0.0	8.8
17	17.2	28.0	21.9	73.3	18.809	16.5	0.0	0.0	0.0	8.3
18	15.5	28.5	21.2	70.7	17.329	15.2	0.0	0.0	0.0	9.0
19	17.5	27.3	21.4	68.9	17.387	15.2	0.0	0.0	0.0	7.0
20	15.6	28.3	21.3	74.8	18.216	16.0	0.0	0.0	0.0	8.3
21	17.2	28.5	21.6	68.2	17.303	15.2	0.0	0.0	0.0	8.8
22	15.5	28.6	21.5	73.7	18.468	16.2	0.0	0.0	0.0	8.2
23	16.7	28.5	21.4	75.9	19.131	16.8	0.0	0.0	0.0	8.2
24	16.8	26.5	21.1	79.9	19.688	17.2	0.0	6.9	6.9	5.0
25	17.0	25.0	20.1	82.8	19.126	16.8	0.0	0.0	0.0	2.1
26	16.3	26.3	19.8	79.3	18.290	16.1	0.4	13.7	14.1	4.7
27	16.6	23.0	19.1	86.8	19.133	16.8	21.6	0.0	21.6	0.5
28	16.0	25.3	19.5	80.8	18.355	16.2	13.8	44.8	58.6	3.1
29	15.6	25.5	19.7	79.2	17.688	15.5	3.3	0.0	3.3	5.9
30	16.7	25.5	21.3	83.2	20.828	18.1	0.0	0.0	0.0	2.1
31	16.8	24.0	19.0	90.1	19.869	17.4	0.7	0.0	0.7	2.2
PROM.	16.5	25.8	20.3	79.7	18.745	16.4	64.4	200.3	264.7	144.3

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	26.3	20.9	75.9	18.596	16.3	0.0	0.0	0.0	2.8
2	16.5	25.5	20.0	82.6	19.503	17.1	0.1	0.0	0.1	0.5
3	15.5	27.0	21.6	73.1	18.203	15.9	0.0	0.9	0.9	3.4
4	17.0	26.8	21.2	78.7	19.390	17.0	0.0	27.5	27.5	5.7
5	16.8	26.3	20.6	79.5	19.322	17.0	0.1	0.7	0.8	1.7
6	17.0	25.0	20.8	84.8	20.687	18.0	0.0	4.5	4.5	0.1
7	17.6	25.5	20.3	83.8	20.088	17.6	0.3	0.0	0.3	1.0
8	16.5	27.0	21.1	79.0	19.563	17.1	1.3	0.0	1.3	1.1
9	17.4	25.8	21.7	79.4	20.152	17.6	0.0	4.0	4.0	1.5
10	17.8	25.5	21.1	83.3	20.769	18.1	2.1	4.8	6.9	0.5
11	17.0	28.3	21.8	78.5	20.000	17.5	0.0	1.4	1.4	8.9
12	16.0	26.2	20.5	82.5	20.067	17.5	4.4	1.4	5.8	1.8
13	16.2	27.0	21.1	80.0	19.670	17.2	0.0	4.5	4.5	1.7
14	17.5	27.1	21.6	81.5	20.636	18.0	0.0	28.3	28.3	2.4
15	17.0	24.0	20.5	84.5	20.151	17.6	1.4	0.0	1.4	0.0
16	16.0	26.8	20.6	77.0	18.526	16.3	0.0	0.0	0.0	4.1
17	16.0	25.7	20.6	80.6	19.455	17.1	0.0	0.0	0.0	4.8
18	16.0	27.0	21.1	74.6	18.438	16.2	0.1	2.4	2.5	4.4
19	17.3	24.0	19.2	85.9	19.420	17.0	13.5	2.0	15.5	0.0
20	16.8	22.5	19.3	85.1	18.845	16.6	0.0	0.1	0.1	0.0
21	16.0	27.0	21.6	73.6	18.019	15.8	0.0	0.0	0.0	6.6
22	17.3	25.3	21.2	80.1	19.913	17.4	0.0	0.0	0.0	2.3
23	17.2	26.6	21.8	71.4	18.076	15.9	0.0	0.0	0.0	3.1
24	16.0	27.5	20.8	76.5	18.369	16.1	0.0	0.0	0.0	1.1
25	18.5	28.5	22.5	74.5	19.893	17.4	0.0	0.0	0.0	4.8
26	18.0	26.0	21.7	75.0	19.309	16.9	1.6	0.3	1.9	0.0
27	17.3	27.0	21.7	74.1	19.080	16.7	0.4	0.0	0.4	0.5
28	17.8	27.5	20.8	81.0	19.824	17.4	0.0	13.7	13.7	1.7
PROM	16.9	26.2	21.0	79.2	19.427	17.0	25.3	96.5	121.8	66.5

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1.982

ALTITUD: 1.400 LATITUD: 4-58 N. LONGITUD: 75-42 W.

M E S - MARZO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.4	24.0	20.2	87.3	20.688	18.0	2.0	19.3	21.3	0.4
2	17.0	26.3	20.6	81.9	19.826	17.4	15.2	6.8	22.0	4.2
3	16.8	28.3	22.0	76.3	19.556	17.2	0.1	2.3	2.4	8.3
4	18.0	25.0	20.2	80.2	19.040	16.7	10.6	0.0	10.6	0.0
5	16.8	27.0	20.4	78.5	18.641	16.4	4.4	5.1	9.5	4.2
6	18.0	27.0	21.5	83.7	21.447	18.6	5.1	0.0	5.1	4.2
7	17.3	28.6	21.9	70.5	18.070	15.9	0.0	0.0	0.0	7.7
8	16.7	28.0	21.3	70.2	17.258	15.1	0.0	0.0	0.0	6.5
9	14.0	27.4	20.1	75.6	17.504	15.4	0.0	0.0	0.0	4.7
10	16.8	27.2	22.2	71.3	18.565	16.3	0.0	4.5	4.5	5.3
11	18.2	24.3	20.5	84.5	20.388	17.8	0.7	4.3	5.0	0.2
12	17.5	23.5	19.7	85.9	19.686	17.3	1.3	0.0	1.3	0.1
13	17.3	27.8	21.4	72.9	18.132	16.0	0.0	3.3	3.3	1.4
14	17.6	24.0	20.2	87.5	20.638	18.0	0.0	0.0	0.0	0.0
15	17.3	27.6	20.3	78.7	18.680	16.4	6.5	18.6	25.1	4.7
16	16.5	26.8	21.8	66.7	16.652	14.6	0.0	0.7	0.7	4.9
17	16.5	27.0	21.2	72.5	17.891	15.7	0.0	0.0	0.0	4.2
18	17.0	27.0	20.4	79.8	19.266	16.9	16.9	0.0	16.9	2.5
19	16.5	27.2	21.3	71.9	17.858	15.7	0.0	0.9	0.9	2.5
20	17.2	27.3	21.7	73.1	18.557	16.3	0.0	0.0	0.0	1.9
21	15.5	29.3	22.0	72.3	18.563	16.3	0.0	3.3	3.3	1.8
22	17.8	28.7	22.3	73.9	19.447	17.1	1.1	15.1	16.2	2.6
23	17.6	24.6	20.0	86.5	20.601	18.0	0.5	2.1	2.6	0.8
24	17.0	26.0	20.3	78.0	18.629	16.4	0.0	0.3	0.3	1.0
25	17.2	28.3	21.6	74.8	18.945	16.6	0.0	0.0	0.0	4.6
26	18.4	24.7	20.2	85.7	20.474	17.9	0.9	0.0	0.9	0.3
27	15.7	28.0	21.5	73.1	18.270	16.0	0.0	18.9	18.9	6.1
28	17.0	25.3	21.6	80.5	20.466	17.9	0.0	3.3	3.3	1.6
29	18.0	26.0	21.9	80.3	20.714	18.1	0.0	10.9	10.9	1.2
30	17.0	26.2	20.9	75.4	18.579	16.3	0.5	0.0	0.5	1.0
31	16.0	27.0	21.7	73.0	18.509	16.2	0.2	0.2	0.4	2.0
PROM.	17.1	26.6	21.1	77.5	19.082	16.7	66.0	119.9	185.9	90.9

M E S - ABRIL

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	27.8	21.6	74.9	19.231	16.8	0.6	0.2	0.8	0.0
2	18.5	23.0	20.5	88.7	21.344	18.5	3.2	0.0	3.2	0.0
3	17.5	23.0	20.1	86.9	20.397	17.8	1.1	0.0	1.1	0.0
4	18.4	23.2	19.5	91.1	20.736	18.0	3.1	1.6	4.7	0.1
5	17.0	24.2	20.7	78.9	19.033	16.7	0.0	26.8	26.8	0.3
6	17.0	25.0	19.3	84.3	19.106	16.8	9.8	0.0	9.8	0.8
7	15.4	26.0	20.7	79.1	18.933	16.6	0.0	55.9	55.9	2.3
8	17.0	23.3	19.8	91.0	20.922	18.2	6.3	0.3	6.6	0.0
9	17.5	25.8	19.3	83.9	19.060	16.7	2.1	5.1	7.2	1.3
10	16.4	24.0	20.0	77.1	17.805	15.7	0.3	0.0	0.3	0.0
11	15.0	26.5	20.2	75.9	17.837	15.7	3.6	54.5	58.1	4.9
12	16.4	24.0	19.8	80.6	18.271	16.1	0.0	0.0	0.0	1.2
13	15.0	26.0	20.4	73.6	17.344	15.2	0.0	0.2	0.2	4.4
14	17.2	26.5	20.9	80.2	19.500	17.1	0.9	0.0	0.9	2.5
15	17.5	28.0	22.7	68.4	18.481	16.3	0.0	8.9	8.9	8.9
16	18.0	27.5	21.9	76.3	19.749	17.3	0.0	16.0	16.0	2.0
17	16.9	25.5	20.1	80.5	18.728	16.5	0.5	0.2	0.7	0.7
18	17.5	26.3	20.0	83.3	19.600	17.2	4.0	2.9	6.9	1.4
19	15.7	27.5	21.9	74.8	19.267	16.9	0.0	5.5	5.5	7.6
20	18.0	27.5	20.3	81.5	19.604	17.2	20.1	4.3	24.4	1.8
21	17.7	24.5	20.6	83.5	20.232	17.7	0.7	0.0	0.7	0.0
22	15.7	26.5	21.7	76.7	19.927	17.4	1.8	8.1	9.9	3.6
23	18.0	27.0	19.8	86.6	20.313	17.7	0.0	0.5	0.5	1.8
24	15.6	26.3	21.6	76.1	19.327	17.0	0.0	0.0	0.0	1.1
25	16.3	28.2	22.4	74.4	19.752	17.3	0.0	0.0	0.0	4.1
26	17.4	26.5	20.4	82.1	20.359	17.8	38.6	0.0	38.6	0.0
27	15.5	27.0	21.4	75.1	18.953	16.6	0.0	3.9	3.9	1.4
28	17.0	21.5	18.6	88.2	19.282	16.9	4.7	2.1	6.8	0.0
29	15.8	23.7	19.1	83.3	18.588	16.3	39.2	16.0	55.2	2.1
30	16.4	25.1	20.4	77.9	18.643	16.4	0.0	0.7	0.7	3.6
PROM	16.8	25.6	20.5	80.5	19.344	16.9	140.6	213.7	354.3	57.9

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1.982

ALTITUD: 1.400 LATITUD: 4-58 N. LONGITUD: 75-[illegible] 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	16.4	25.5	20.8	78.5	19.247	16.9	0.0	1.7	1.7	2.3
2	17.4	25.6	19.8	83.9	19.413	17.0	13.2	0.6	13.8	0.8
3	16.5	28.2	20.8	76.2	19.026	16.7	14.3	18.6	32.9	3.4
4	16.5	26.2	20.8	83.3	20.210	17.7	0.0	17.3	17.3	2.6
5	16.3	25.0	21.0	82.5	20.308	17.7	0.6	0.0	0.6	1.1
6	16.6	26.0	21.1	71.4	17.829	15.7	0.0	16.4	16.4	0.1
7	17.5	27.0	21.6	80.4	20.571	17.9	0.0	12.8	12.8	3.1
8	18.0	23.5	19.9	91.0	21.506	18.7	2.1	5.7	7.8	0.2
9	17.5	25.5	20.2	83.4	19.757	17.3	0.4	13.5	13.9	1.1
10	17.3	24.0	19.7	87.6	19.968	17.5	0.7	0.0	0.7	1.2
11	16.3	26.0	21.1	78.0	19.320	16.9	0.0	33.6	33.6	2.9
12	16.0	27.0	21.7	79.3	20.414	17.8	7.3	0.4	7.7	6.4
13	17.3	24.0	20.0	88.6	20.878	18.2	3.0	0.0	3.0	0.3
14	16.5	26.8	20.9	80.5	19.844	17.4	0.9	0.1	1.0	0.5
15	17.0	24.7	20.1	83.5	19.571	17.2	0.1	0.0	0.1	0.0
16	17.0	26.0	20.2	85.9	20.128	17.6	0.3	0.0	0.3	0.9
17	16.8	25.3	20.0	85.7	20.343	17.8	21.1	5.7	26.8	1.4
18	17.0	26.0	20.1	82.9	19.450	17.1	2.6	21.7	24.3	2.5
19	17.5	25.0	20.5	83.4	20.110	17.6	4.1	21.0	25.1	0.8
20	17.2	24.7	19.8	84.8	19.600	17.2	1.9	34.9	36.8	1.0
21	16.6	24.7	19.5	84.0	19.326	16.9	5.9	1.1	7.0	1.4
22	16.8	23.0	19.2	83.6	18.708	16.4	1.4	3.9	5.3	0.2
23	16.8	25.0	20.0	83.6	19.732	17.3	23.0	1.1	24.1	2.5
24	17.3	26.3	20.8	81.6	19.900	17.4	11.1	27.3	38.4	1.8
25	17.0	25.5	19.6	83.7	19.056	16.7	11.6	0.1	11.7	0.4
26	17.0	29.5	19.8	86.2	19.945	17.5	1.5	3.4	4.9	1.2
27	17.7	24.5	20.9	79.3	19.223	16.8	0.5	0.0	0.5	0.8
28	17.2	23.6	20.5	82.7	19.950	17.5	0.0	0.0	0.0	0.0
29	16.2	23.0	19.5	92.0	21.051	18.3	3.9	0.0	3.9	0.4
30	17.0	25.0	21.0	80.8	19.845	17.3	0.0	0.0	0.0	2.0
31	17.5	27.0	21.2	81.2	20.420	17.8	1.8	39.9	41.7	2.2
PROM.	17.0	25.5	20.4	82.9	19.827	17.3	133.3	280.8	414.1	45.5

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	24.5	20.8	85.1	20.789	18.1	0.0	0.0	0.0	0.5
2	16.7	27.0	21.3	77.3	19.317	16.9	0.0	0.0	0.0	6.0
3	18.5	28.4	21.6	74.8	19.329	16.9	4.1	0.0	4.1	5.9
4	18.5	25.0	20.8	84.1	20.838	18.2	0.4	0.0	0.4	0.9
5	16.5	25.3	20.7	78.9	19.149	16.8	0.9	21.6	22.5	4.4
6	16.3	25.0	20.5	83.2	19.776	17.3	0.0	0.0	0.0	4.2
7	16.0	25.2	20.1	83.5	19.744	17.3	2.3	0.0	2.3	5.0
8	17.0	26.0	21.0	78.2	19.038	16.7	0.0	0.0	0.0	7.7
9	16.8	25.0	20.8	85.1	20.908	18.2	2.5	38.4	40.9	1.9
10	16.8	26.0	21.2	77.7	19.049	16.7	0.0	8.2	8.2	8.2
11	17.8	26.0	20.6	84.4	20.684	18.0	7.1	2.4	9.5	3.0
12	16.8	25.3	20.6	80.1	19.016	16.7	0.4	0.0	0.4	5.6
13	16.2	27.5	20.4	75.1	17.892	15.7	0.0	1.3	1.3	7.0
14	16.2	26.5	20.7	78.3	19.030	16.7	0.0	0.0	0.0	6.4
15	16.4	28.0	22.0	77.0	19.910	17.4	0.0	0.0	0.0	7.1
16	17.0	26.3	21.4	78.8	20.079	17.6	0.0	0.2	0.2	6.1
17	17.6	26.0	21.3	76.3	19.250	16.9	0.0	0.0	0.0	3.5
18	17.4	26.6	21.3	74.5	19.143	16.8	0.5	0.3	0.8	3.0
19	16.0	27.0	19.8	78.8	18.460	16.2	1.4	0.0	1.4	3.7
20	14.8	24.6	20.3	82.3	19.637	17.2	0.4	0.1	0.5	4.4
21	17.4	24.8	20.5	79.3	19.236	16.9	0.0	17.9	17.9	1.0
22	16.5	27.0	21.1	77.5	18.958	16.7	0.0	0.0	0.0	6.5
23	16.5	27.0	21.8	75.3	19.567	17.1	0.0	0.0	0.0	6.7
24	17.0	24.4	19.9	86.4	20.199	17.7	0.9	0.0	0.9	0.7
25	17.0	26.3	21.3	76.0	18.875	16.5	0.0	70.1	70.1	6.0
26	16.2	26.3	21.3	79.4	19.926	17.4	0.0	0.0	0.0	7.1
27	16.2	25.0	20.8	81.2	19.946	17.5	0.0	0.0	0.0	3.8
28	16.8	27.5	21.7	71.8	18.391	16.1	0.0	0.0	0.0	7.3
29	17.4	27.3	22.1	75.5	19.530	17.1	0.0	0.0	0.0	8.9
30	17.0	28.3	22.2	73.2	19.368	17.0	0.0	0.0	0.0	8.4
PROM	16.8	26.2	21.0	79.0	19.501	17.1	20.9	160.5	181.4	150.9

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1.982

ALTITUD: 1.400 LATITUD: 4-58 N. LONGITUD: 75-42 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	28.0	22.3	68.8	18.028	15.8	0.0	0.0	0.0	8.7
2	16.2	28.0	22.2	74.6	19.460	17.0	0.0	0.0	0.0	3.0
3	15.8	26.3	21.5	76.3	19.081	16.7	0.0	0.0	0.0	5.7
4	16.0	25.5	21.0	80.6	19.792	17.3	0.6	0.7	1.3	5.2
5	16.5	25.0	20.5	80.1	19.201	16.8	0.1	0.0	0.1	3.8
6	15.4	26.2	21.6	75.5	19.204	16.8	0.0	0.0	0.0	2.9
7	17.0	28.0	21.5	75.2	19.221	16.9	2.9	16.8	19.7	7.2
8	15.2	26.0	19.9	81.1	18.774	16.5	0.5	0.0	0.5	4.0
9	15.5	27.3	21.8	71.0	18.070	15.9	0.0	0.0	0.0	8.6
10	16.6	28.0	21.7	74.0	19.037	16.7	0.0	0.0	0.0	10.0
11	15.8	26.0	19.9	81.7	19.097	16.8	0.4	0.4	0.8	3.4
12	17.6	24.5	19.9	85.9	20.146	17.6	0.0	11.2	11.2	1.0
13	17.4	26.0	20.7	77.7	18.633	16.3	0.0	0.0	0.0	5.8
14	15.8	27.3	22.1	61.8	15.849	13.8	0.0	0.0	0.0	7.8
15	16.3	28.6	22.2	70.7	18.355	16.1	0.0	0.0	0.0	7.9
16	16.0	27.3	22.0	67.4	17.374	15.3	0.0	0.0	0.0	5.5
17	15.6	28.6	21.3	71.9	17.815	15.7	0.0	0.0	0.0	9.8
18	17.6	26.0	21.0	81.5	20.460	17.9	0.0	0.6	0.6	0.4
19	16.2	26.0	21.9	73.2	19.135	16.8	0.0	3.7	3.7	3.8
20	16.6	25.0	20.2	79.8	18.693	16.4	0.0	0.8	0.8	2.8
21	16.0	27.5	21.2	69.9	17.003	14.9	0.0	0.0	0.0	8.2
22	16.3	27.1	22.4	71.9	19.011	16.7	0.0	4.8	4.8	9.4
23	16.3	27.3	21.9	72.0	18.470	16.3	0.0	0.0	0.0	8.5
24	14.6	28.5	21.1	66.6	16.441	14.5	0.0	0.0	0.0	9.5
25	15.6	27.0	21.3	75.9	19.144	16.8	0.0	0.0	0.0	6.0
26	17.0	24.3	20.6	87.9	21.350	18.5	2.1	5.9	8.0	3.0
27	16.8	24.5	19.1	89.2	19.758	17.3	2.7	20.0	22.7	2.1
28	16.3	25.0	19.3	86.0	19.287	17.0	0.3	0.0	0.3	4.0
29	16.6	26.0	20.4	80.3	19.066	16.7	0.1	0.0	0.1	3.7
30	16.3	27.0	21.5	74.3	18.853	16.6	0.0	0.0	0.0	7.2
31	16.0	28.0	21.3	70.2	17.284	15.2	0.0	0.0	0.0	8.1
PROM.	16.3	26.6	21.1	76.0	18.745	16.4	9.7	64.9	74.6	177.0

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	27.0	21.5	77.1	19.526	17.1	0.0	2.3	2.3	5.5
2	17.2	26.0	20.9	79.4	19.431	17.0	0.0	9.5	9.5	6.0
3	15.7	27.3	21.4	69.8	16.976	14.9	0.0	0.0	0.0	8.5
4	15.5	28.5	21.6	67.3	16.884	14.9	0.0	0.0	0.0	9.3
5	15.0	27.5	21.7	64.6	16.170	13.9	0.0	0.0	0.0	8.8
6	17.5	26.0	21.1	73.9	18.145	15.9	0.5	30.4	30.9	3.2
7	16.6	25.0	19.9	83.2	19.045	16.7	5.3	59.9	65.2	1.3
8	16.5	24.6	20.0	85.4	19.920	17.4	3.4	0.0	3.4	2.6
9	14.0	28.5	21.4	65.1	15.594	13.5	0.0	0.0	0.0	10.8
10	16.8	27.0	21.4	73.9	18.565	16.3	0.0	0.0	0.0	5.9
11	16.8	28.3	22.5	62.1	16.357	14.3	0.0	0.0	0.0	9.6
12	16.2	27.5	21.9	58.1	14.972	12.9	0.0	0.0	0.0	9.1
13	16.8	28.7	21.4	70.6	17.745	15.6	0.0	0.0	0.0	5.7
14	16.5	28.0	22.5	69.0	18.263	16.1	0.0	0.0	0.0	9.3
15	16.5	27.1	22.3	69.0	17.945	15.8	0.0	1.1	1.1	9.5
16	17.0	26.5	21.6	70.9	17.956	15.8	0.0	0.0	0.0	6.1
17	16.2	29.0	22.9	63.0	17.119	14.9	0.0	0.0	0.0	6.8
18	16.7	28.0	21.9	71.6	18.453	16.2	0.0	0.0	0.0	4.8
19	17.0	28.0	22.5	69.5	18.494	16.3	0.0	0.0	0.0	6.5
20	17.4	26.0	21.8	72.0	18.479	16.2	0.0	0.0	0.0	0.4
21	17.2	26.3	21.5	74.6	18.932	16.6	0.0	0.0	0.0	4.0
22	16.0	29.0	22.0	67.0	16.752	14.6	0.0	0.0	0.0	10.3
23	17.0	29.0	22.9	68.1	18.053	15.9	0.0	0.0	0.0	5.2
24	17.0	28.3	22.6	69.8	18.787	16.5	0.0	0.0	0.0	7.7
25	17.2	28.5	22.7	68.5	19.043	16.7	0.0	0.0	0.0	5.5
26	15.8	28.0	22.1	70.6	18.289	16.1	0.0	0.0	0.0	6.9
27	15.8	28.1	22.9	69.0	18.680	16.4	0.0	0.0	0.0	4.5
28	18.3	27.5	22.3	70.4	18.515	16.3	0.0	0.0	0.0	3.3
29	16.0	27.6	21.8	71.4	18.107	15.9	0.0	0.0	0.0	7.3
30	16.9	27.0	22.1	73.3	19.246	16.9	0.0	0.0	0.0	6.3
31	16.4	26.0	21.8	77.0	20.345	17.8	0.1	0.0	0.1	3.9
PROM	16.5	27.4	21.8	70.9	18.090	15.9	9.3	103.2	112.5	194.6

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1.982

ALTITUD: 1.400 LATITUD: 4-58 N. LONGITUD: 75-42 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.2	29.0	22.5	70.4	18.630	16.4	0.0	3.8	3.8	6.9
2	16.5	28.8	23.6	63.9	18.751	16.4	0.0	0.0	0.0	7.0
3	16.0	28.0	23.0	72.2	19.347	16.9	0.0	0.0	0.0	6.3
4	17.7	27.3	22.7	73.1	19.722	17.3	0.2	1.6	1.8	3.0
5	17.0	28.7	23.3	69.4	19.111	16.8	0.0	3.4	3.4	6.6
6	16.5	28.5	22.3	68.6	18.140	16.0	0.0	0.0	0.0	5.2
7	15.5	30.0	22.1	68.1	17.654	15.5	0.0	0.0	0.0	7.4
8	16.8	30.0	23.3	69.8	19.407	17.0	0.0	0.0	0.0	6.9
9	18.0	26.8	21.4	81.3	20.561	17.9	0.0	0.0	0.0	1.4
10	18.0	25.2	21.5	78.0	19.942	17.5	0.0	9.1	9.1	0.5
11	17.0	25.5	19.2	82.6	18.497	16.3	15.1	0.2	15.3	3.4
12	16.0	28.5	21.1	70.8	17.275	15.2	0.0	1.7	1.7	8.6
13	17.2	27.5	21.7	74.4	18.901	16.6	0.0	20.0	20.0	5.4
14	16.9	26.0	21.4	77.7	19.234	16.8	0.0	5.1	5.1	1.8
15	18.0	25.2	20.5	84.3	20.411	17.8	2.5	7.7	10.2	0.0
16	17.0	25.0	19.6	80.8	18.467	16.2	1.3	0.5	1.8	0.7
17	16.5	22.0	18.6	93.8	19.948	17.5	2.4	0.4	2.8	0.6
18	17.5	26.6	21.5	75.2	19.074	16.7	0.0	10.3	10.3	5.2
19	17.5	21.0	18.9	91.5	19.995	17.5	3.7	0.0	3.7	0.0
20	17.0	26.0	20.2	76.5	18.092	15.9	10.5	7.7	18.2	2.9
21	16.5	26.5	21.4	75.1	18.810	16.5	0.0	0.0	0.0	6.0
22	15.4	27.3	21.3	73.0	18.047	15.9	0.0	4.4	4.4	4.5
23	17.0	27.5	21.9	73.9	19.075	16.7	0.0	0.3	0.3	3.9
24	16.9	21.7	18.6	92.7	19.953	17.5	6.2	7.4	13.6	0.4
25	16.2	25.0	18.9	82.8	18.064	15.9	0.6	0.5	1.1	2.2
26	16.5	25.0	20.2	82.0	19.071	16.8	0.0	0.0	0.0	1.9
27	15.7	27.0	21.5	72.2	18.091	15.8	0.0	6.2	6.2	6.0
28	14.7	24.1	19.4	82.0	18.535	16.3	15.7	0.3	16.0	4.6
29	16.6	27.2	21.0	70.0	17.207	15.1	0.0	0.3	0.3	3.6
30	16.7	25.0	19.8	83.6	19.291	16.9	1.2	0.5	1.7	2.4
PROM.	16.7	26.4	21.1	77.0	18.910	16.6	59.4	91.4	150.8	115.3

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	23.5	18.6	87.3	19.024	16.7	3.4	2.9	6.3	0.0
2	15.8	25.8	20.6	76.0	18.278	16.1	0.0	36.0	36.0	4.9
3	16.0	23.0	19.6	82.9	18.703	16.4	0.0	0.5	0.5	0.7
4	16.0	25.2	19.8	79.7	18.335	16.1	0.5	21.2	21.7	4.2
5	16.5	25.5	20.9	77.5	18.943	16.6	1.3	0.0	1.3	6.0
6	15.7	26.0	21.4	76.2	19.055	16.7	0.0	2.7	2.7	6.2
7	17.5	25.0	20.5	84.5	20.359	17.8	0.0	7.5	7.5	1.0
8	17.0	22.6	18.4	90.6	18.986	16.7	10.5	0.0	10.5	1.1
9	16.0	26.7	19.7	79.4	18.366	16.2	10.9	2.3	13.2	6.7
10	16.6	25.5	19.9	80.0	18.484	16.2	0.0	0.0	0.0	4.0
11	15.0	27.0	21.8	68.7	17.375	15.3	0.0	11.6	11.6	7.5
12	16.0	22.0	18.0	89.3	18.578	16.4	1.5	0.0	1.5	0.6
13	14.5	28.0	21.0	72.4	17.571	15.5	0.0	1.4	1.4	8.7
14	16.5	27.0	20.5	74.6	18.137	15.9	0.0	8.2	8.2	2.5
15	16.5	27.3	20.5	74.2	17.654	15.5	0.2	0.0	0.2	4.6
16	16.5	26.0	20.2	81.4	19.339	17.0	0.1	18.5	18.6	2.7
17	16.5	23.0	18.6	87.6	18.778	16.5	6.0	0.0	6.0	1.6
18	15.0	26.3	20.9	73.2	17.796	15.7	0.1	0.4	0.5	5.3
19	16.8	27.0	20.8	79.6	19.573	17.1	0.0	45.0	45.0	3.2
20	15.7	24.2	19.1	80.4	17.605	15.5	0.1	4.7	4.8	2.0
21	16.0	25.0	20.1	80.3	18.710	16.4	0.0	21.5	21.5	5.8
22	16.8	25.3	19.5	80.4	18.189	16.0	0.6	0.0	0.6	2.9
23	16.3	25.0	19.6	77.9	18.142	16.0	0.8	0.6	1.4	2.3
24	16.5	25.2	20.3	80.7	19.250	16.9	0.2	3.6	3.8	3.5
25	16.7	24.3	19.7	85.7	19.691	17.3	2.0	43.5	45.5	0.9
26	16.5	23.7	19.4	80.9	18.200	16.0	0.2	0.0	0.2	0.2
27	16.8	22.5	18.3	89.2	19.226	16.9	3.3	0.0	3.3	0.1
28	15.0	25.1	19.5	77.0	17.208	15.1	1.3	0.0	1.3	5.3
29	15.0	26.0	21.0	73.2	18.226	16.0	0.0	4.0	4.0	5.7
30	15.7	26.6	20.8	75.6	18.390	16.2	1.3	8.1	9.4	8.8
31	16.5	26.0	21.2	76.4	19.204	16.9	0.0	0.0	0.0	5.2
PROM	16.2	25.2	20.0	79.8	18.560	16.3	44.3	244.2	288.5	114.2

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1.982

ALTITUD: 1.400 LATITUD: 4-58 N. LONGITUD: 75-42 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	23.6	20.0	83.5	19.662	17.3	0.4	10.7	11.1	0.9
2	16.4	24.8	18.9	82.3	18.159	16.0	35.5	46.6	82.1	2.6
3	16.0	25.3	19.7	79.6	18.492	16.3	0.6	32.2	32.8	5.7
4	16.7	25.5	19.9	84.7	19.656	17.2	0.0	0.0	0.0	2.0
5	16.0	25.6	20.9	74.2	18.337	16.2	0.0	4.7	4.7	6.4
6	16.5	24.0	19.3	85.4	19.374	17.0	0.5	0.0	0.5	2.2
7	16.5	26.2	21.3	75.3	18.990	16.7	0.2	0.0	0.2	4.8
8	17.0	27.0	21.6	71.1	18.251	16.0	0.0	0.0	0.0	5.5
9	17.4	27.0	22.7	72.4	19.942	17.5	0.0	0.0	0.0	7.2
10	17.4	24.6	19.0	81.4	18.276	16.0	0.0	0.0	0.0	2.7
11	15.2	25.2	20.3	78.1	18.806	16.5	4.0	43.3	47.3	1.1
12	16.0	25.0	20.1	80.0	18.757	16.5	0.3	0.0	0.3	3.4
13	17.0	27.3	21.6	72.4	18.265	16.0	0.0	0.0	0.0	8.8
14	16.0	26.0	21.3	76.5	19.355	17.0	0.0	0.0	0.0	3.0
15	16.0	27.5	21.6	71.3	18.280	16.0	0.0	2.6	2.6	6.5
16	17.5	24.7	20.5	87.4	21.040	18.3	0.0	9.5	9.5	0.0
17	17.5	26.4	20.7	80.0	19.935	17.4	0.0	0.0	0.0	1.8
18	16.5	22.6	18.7	85.4	18.876	16.5	2.6	0.3	2.9	0.1
19	16.5	27.5	20.2	79.5	18.912	16.6	6.7	1.0	7.7	4.8
20	17.6	22.0	19.6	88.5	20.110	17.6	3.5	0.9	4.4	0.0
21	16.3	24.6	19.4	82.4	18.729	16.3	0.0	0.0	0.0	1.9
22	16.2	24.6	19.9	77.2	17.906	15.8	0.0	10.9	10.9	5.0
23	16.3	25.0	21.0	77.7	19.188	16.8	0.0	0.0	0.0	3.7
24	17.5	27.0	21.6	71.0	18.191	15.9	0.0	5.1	5.1	6.2
25	17.5	24.6	20.0	83.9	19.593	17.1	0.8	0.0	0.8	2.0
26	16.2	26.5	19.5	77.4	18.020	15.9	21.6	0.0	21.6	6.0
27	14.2	26.0	19.7	72.7	16.403	14.4	0.0	13.4	13.4	9.4
28	15.3	25.5	20.4	78.2	18.518	16.2	0.0	0.0	0.0	6.8
29	15.2	26.7	21.2	73.3	18.386	16.1	0.0	0.0	0.0	9.1
30	15.3	28.5	21.6	70.9	17.804	15.6	0.0	0.0	0.0	8.8
PROM.	16.4	25.6	20.4	78.5	18.807	16.5	76.7	181.2	257.9	128.4

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	15.4	26.0	21.7	69.1	17.933	15.8	0.0	5.2	5.2	4.1
2	17.8	26.8	20.6	76.1	18.613	16.4	0.9	0.0	0.9	3.0
3	16.5	28.6	21.9	71.1	18.564	16.3	0.0	0.0	0.0	6.9
4	18.0	23.5	20.5	85.5	20.637	18.0	0.0	10.6	10.6	0.0
5	17.7	26.5	21.0	78.1	19.326	17.0	0.0	1.2	1.2	2.9
6	17.8	26.4	21.3	75.9	19.128	16.8	0.2	0.0	0.2	3.9
7	18.0	27.0	21.3	74.4	18.971	16.7	0.3	10.0	10.3	3.0
8	17.2	26.8	20.4	81.4	19.326	16.9	1.4	0.7	2.1	2.8
9	17.6	22.0	18.0	91.2	18.939	16.6	1.2	0.0	1.2	0.1
10	14.8	25.8	20.7	76.2	18.287	16.0	0.2	8.0	8.2	5.4
11	14.7	27.1	21.2	76.8	19.151	16.8	0.3	0.1	0.4	5.2
12	17.2	25.6	21.1	78.6	19.486	17.0	0.0	18.4	18.4	3.0
13	17.6	25.3	21.1	79.6	19.763	17.3	0.0	2.7	2.7	1.2
14	17.5	27.0	21.4	76.3	19.059	16.7	0.0	0.0	0.0	6.8
15	16.8	27.2	22.1	68.7	18.071	15.9	0.0	0.1	0.1	7.3
16	18.8	26.1	20.6	80.1	19.747	17.3	2.3	0.0	2.3	2.2
17	16.6	26.2	19.7	79.5	18.780	16.5	31.6	0.0	31.6	3.1
18	16.3	23.0	19.5	84.7	19.409	17.0	0.0	0.0	0.0	0.3
19	16.4	26.2	21.4	76.1	19.167	16.8	0.0	0.0	0.0	4.0
20	17.7	26.3	21.7	69.8	17.697	15.4	0.0	8.2	8.2	6.2
21	17.3	26.4	21.4	73.2	18.353	16.1	0.0	1.7	1.7	5.9
22	17.3	25.4	20.6	82.6	19.817	17.3	0.0	0.1	0.1	5.8
23	17.9	26.0	20.5	74.9	18.007	15.8	0.0	0.0	0.0	5.3
24	17.0	25.0	20.5	72.1	17.813	15.6	0.0	0.0	0.0	8.3
25	15.5	26.7	21.1	72.4	17.939	15.8	0.0	0.0	0.0	7.3
26	15.4	27.4	20.9	74.8	18.172	15.9	5.9	0.2	6.1	0.0
27	18.0	23.4	19.6	78.4	18.131	15.8	0.0	0.0	0.0	2.9
28	15.6	23.8	19.7	73.5	16.436	14.2	0.0	0.0	0.0	0.1
29	17.0	24.6	20.1	82.1	19.328	16.9	0.0	0.0	0.0	9.1
30	15.5	27.7	21.0	70.5	16.991	14.9	0.0	0.0	0.0	10.0
31	15.5	28.2	22.4	68.8	17.973	15.8	0.0	0.0	0.0	8.8
PROM	16.9	25.9	20.8	76.5	18.678	16.4	44.3	67.2	111.5	134.9

ESTACION: NARANJAL MUNICIPIO CHINCHINA AÑO: 1.982

ALTITUD: 1.400 LATITUD: 4-58 N. LONGITUD: 75-42 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.5	25.8	20.3	15.4	28.6	79.7	18.745	16.4	264.7	18	144.3
FEBRERO	16.9	26.2	21.0	15.5	28.5	79.2	19.427	17.0	121.8	20	66.5
MARZO	17.1	26.6	21.1	14.0	29.3	77.5	19.082	16.7	185.9	24	90.9
ABRIL	16.8	25.6	20.5	15.0	28.2	80.5	19.344	16.9	354.3	27	57.9
MAYO	17.0	25.5	20.4	16.0	29.5	82.9	19.827	17.3	414.1	29	45.5
JUNIO	16.8	26.2	21.0	14.8	28.4	79.0	19.501	17.1	181.4	16	150.9
JULIO	16.3	26.6	21.1	14.6	28.6	76.0	18.745	16.4	74.6	14	177.0
AGOSTO	16.5	27.4	21.8	14.0	29.0	70.9	18.090	15.9	112.5	7	194.6
SEPTIEMBRE	16.7	26.4	21.1	14.7	30.0	77.0	18.910	16.6	150.8	22	115.3
OCTUBRE	16.2	25.2	20.0	14.5	28.0	79.8	18.560	16.3	288.5	29	114.2
NOVIEMBRE	16.4	25.6	20.4	14.2	28.5	78.5	18.807	16.5	257.9	18	128.4
DICIEMBRE	16.9	25.9	20.8	14.7	28.6	76.5	18.678	16.4	111.5	19	134.9
PROMEDIO	16.7	26.1	20.8	14.8	28.8	78.1	18.976	16.6			
TOTAL									2518.0	243	1420.4

ESTACION: LA FLORIDA MUNICIPIO: POPAYAN AÑO: 1.982

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

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	20.0	16.0	83.2	15.195	13.2	5.5	0.0	5.5	1.1
2	13.3	23.2	16.9	79.5	15.477	13.5	0.9	2.9	3.8	1.8
3	14.0	21.0	16.5	82.0	15.505	13.6	15.3	12.0	27.3	0.5
4	14.3	21.0	16.5	81.2	15.371	13.4	10.0	0.2	10.2	1.6
5	13.5	21.0	16.2	87.8	16.377	14.4	6.1	3.8	9.9	1.3
6	13.4	21.3	16.7	82.7	15.567	13.6	9.4	3.3	12.7	2.0
7	14.3	24.2	17.4	80.3	15.995	14.0	12.0	61.0	73.0	5.7
8	14.3	24.2	17.5	82.1	16.465	14.4	2.5	8.0	10.5	4.9
9	14.4	23.0	17.6	85.8	17.142	15.0	1.6	0.2	1.8	4.5
10	14.5	22.0	17.4	90.5	17.962	15.8	0.0	0.0	0.0	1.2
11	12.8	24.4	17.2	81.0	15.766	13.8	0.5	0.0	0.5	6.6
12	13.5	25.2	18.3	75.3	15.942	13.9	0.0	0.0	0.0	9.8
13	12.5	24.3	18.0	73.9	15.389	13.4	0.0	0.0	0.0	6.7
14	12.8	24.4	17.4	76.1	15.277	13.2	0.0	0.4	0.4	
15	14.4	24.0	17.5	81.9	16.986	14.9	6.2	0.0	6.2	
16	12.8	25.0	17.5	77.7	15.639	13.6	0.0	0.0	0.0	
17	15.0	24.3	18.3	76.2	16.237	14.2	0.0	0.0	0.0	
18	12.2	26.4	18.0	73.4	15.128	13.1	0.0	0.0	0.0	
19	10.8	25.6	18.5	74.5	15.699	13.7	0.0	0.0	0.0	
20	10.8	26.3	18.7	67.9	14.787	12.3	0.0	0.0	0.0	
21	12.5	26.0	18.2	72.3	15.342	13.1	14.6	0.0	14.6	
22	12.3	25.0	18.5	75.0	15.549	13.3	0.0	0.0	0.0	
23	12.3	25.0	17.9	80.0	16.271	14.3	0.8	0.0	0.8	8.9
24	11.6	24.1	17.6	78.8	16.079	14.0	6.0	3.5	9.5	7.3
25	14.2	23.8	16.6	86.5	16.277	14.3	8.5	2.8	11.3	3.8
26	14.8	23.1	17.4	83.8	16.746	14.7	55.5	22.9	78.4	3.3
27	13.5	23.0	17.7	78.5	15.540	13.5	0.1	0.0	0.1	1.7
28	14.8	23.0	16.6	82.3	15.832	13.8	0.9	0.0	0.9	3.7
29	13.2	21.0	15.6	87.9	15.769	13.7	6.6	0.1	6.7	2.1
30	13.8	22.0	17.0	84.9	16.654	14.6	0.0	0.0	0.0	3.3
31	13.5	23.1	17.6	81.0	16.741	14.7	4.8	0.0	4.8	4.9
PROM.	13.4	23.5	17.4	80.1	15.958	13.9	167.8	121.1	288.9	

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.8	22.0	17.0	77.4	15.226	13.1	1.0	0.0	1.0	6.5
2	11.8	22.0	17.2	77.7	15.248	13.1	0.0	0.0	0.0	0.8
3	12.1	24.0	17.5	80.3	16.025	14.0	7.6	0.0	7.6	6.4
4	12.0	24.4	17.8	83.3	16.761	14.7	3.3	0.0	3.3	5.6
5	14.8	23.0	17.3	89.7	17.754	15.6	0.7	0.0	0.7	3.1
6	12.8	24.0	17.9	77.0	15.916	13.8	11.9	2.4	14.3	3.6
7	14.8	24.0	17.5	81.4	16.738	14.7	2.2	0.0	2.2	4.1
8	12.6	25.3	17.4	74.8	14.945	12.9	33.7	0.0	33.7	7.0
9	13.0	25.0	18.3	78.0	16.331	14.3	8.1	0.4	8.5	6.4
10	14.5	25.0	18.5	78.9	16.925	14.8	1.6	0.0	1.6	4.4
11	13.8	25.0	19.1	83.9	17.432	15.3	0.0	0.7	0.7	4.6
12	14.8	21.0	16.4	91.1	17.073	15.0	4.8	1.4	6.2	0.8
13	14.2	24.1	18.8	80.2	17.380	15.3	0.9	60.5	61.4	3.3
14	14.0	25.0	18.0	81.9	16.848	14.8	1.6	23.3	24.9	7.2
15	14.8	21.3	16.7	87.6	16.777	14.8	1.8	0.0	1.8	0.2
16	13.8	25.0	17.9	77.8	15.799	13.8	0.0	12.3	12.3	8.3
17	12.6	24.4	17.7	79.3	15.953	14.0	1.3	0.0	1.3	5.4
18	13.5	24.2	18.5	73.4	15.229	13.1	0.1	6.0	6.1	4.3
19	14.8	20.0	17.3	83.5	16.435	14.4	1.9	16.9	18.8	0.2
20	13.8	20.0	16.5	82.6	15.351	13.4	0.0	1.4	1.4	0.1
21	13.8	24.5	18.4	75.6	15.487	13.4	0.0	0.0	0.0	7.8
22	14.8	23.0	16.9	83.6	16.272	14.3	12.4	0.0	12.4	0.9
23	13.8	24.0	18.2	81.2	17.056	15.0	0.4	0.0	0.4	3.4
24	13.6	24.0	18.3	80.4	16.830	14.8	0.0	0.0	0.0	3.1
25	12.5	26.0	18.1	75.1	15.649	13.6	0.5	0.0	0.5	7.5
26	13.5	23.8	18.3	77.6	16.225	14.1	0.6	0.0	0.6	4.0
27	13.8	22.2	18.0	79.1	16.134	14.1	11.9	3.9	15.8	0.6
28	12.8	24.0	18.4	80.1	16.975	14.9	4.8	0.1	4.9	2.1
PROM	13.6	23.6	17.8	80.3	16.313	14.3	113.1	129.3	242.4	111.7

ESTACION: LA FLORIDA MUNICIPIO: POPAYAN AÑO: 1.982

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	13.5	24.0	18.0	79.7	16.244	14.2	0.1	47.7	47.8	2.3
2	13.8	18.0	15.0	93.0	16.104	14.1	11.3	0.0	11.3	0.0
3	13.0	25.3	18.5	79.3	16.628	14.5	0.5	3.7	4.2	7.8
4	13.8	25.0	18.3	80.4	16.969	14.9	0.3	21.1	21.4	5.3
5	13.8	24.0	18.4	72.8	14.791	12.7	0.8	3.5	4.3	4.4
6	13.8	24.0	17.3	77.1	15.240	13.2	0.6	0.0	0.6	4.8
7	12.8	25.8	17.7	75.1	15.475	13.5	0.7	0.0	0.7	6.2
8	13.5	22.5	15.4	86.5	15.184	13.2	1.0	0.1	1.1	3.5
9	12.5	24.0	17.0	87.6	17.085	14.9	5.7	0.7	6.4	5.7
10	14.0	24.2	17.7	79.8	16.157	14.1	17.7	12.0	29.7	7.5
11	14.3	23.3	18.5	80.7	17.020	15.0	0.0	0.2	0.2	3.8
12	14.8	22.3	17.1	86.7	17.118	15.1	0.0	0.0	0.0	3.6
13	12.8	24.2	18.3	76.1	16.120	14.1	0.0	0.0	0.0	5.1
14	13.2	24.0	17.6	86.7	18.046	15.8	26.5	0.0	26.5	3.7
15	13.6	25.1	17.7	78.4	15.967	13.9	23.5	2.5	26.0	6.1
16	14.8	24.0	16.7	86.3	16.894	14.8	0.3	0.0	0.3	0.0
17	13.5	25.0	17.7	79.3	16.176	14.2	10.6	1.5	12.1	7.4
18	14.8	22.6	17.8	85.7	17.608	15.5	15.5	0.0	15.5	0.7
19	12.6	25.1	18.9	75.7	16.767	14.7	10.0	28.9	38.9	4.5
20	14.0	24.5	18.2	78.7	16.900	14.8	0.0	0.0	0.0	2.3
21	12.8	26.3	19.5	73.2	16.273	14.2	0.0	0.0	0.0	8.4
22	14.5	26.3	19.4	80.0	17.943	15.7	0.0	0.0	0.0	4.6
23	13.5	25.0	17.7	76.4	15.578	13.6	0.0	41.7	41.7	1.7
24	14.5	25.8	17.9	79.1	16.378	14.4	2.0	12.5	14.5	3.9
25	14.6	26.3	18.5	77.2	16.838	14.8	45.5	0.0	45.5	5.4
26	14.6	22.0	17.0	86.4	16.989	15.0	8.4	0.3	8.7	0.0
27	13.5	24.2	19.1	78.8	17.784	15.7	3.0	14.8	17.8	5.6
28	13.5	24.3	17.7	79.8	15.859	13.8	4.2	0.0	4.2	5.9
29	14.3	22.5	18.0	84.8	17.608	15.5	0.0	0.0	0.0	2.0
30	13.0	24.0	18.4	75.1	15.829	13.7	0.0	0.0	0.0	4.2
31	13.5	25.2	19.0	81.3	17.573	15.4	0.0	9.4	9.4	3.6
PROM.	13.7	24.2	17.9	80.6	16.553	14.5	188.2	200.6	388.8	130.0

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	25.0	19.8	80.1	18.339	16.1	0.0	0.0	0.0	3.3
2	14.8	23.2	18.9	82.2	18.059	15.9	1.6	1.5	3.1	0.1
3	14.1	22.0	17.6	88.1	17.799	15.6	18.2	0.0	18.2	0.1
4	14.8	21.0	16.9	87.7	17.014	15.0	17.0	24.0	41.0	0.0
5	13.5	25.0	17.5	77.8	15.262	13.2	0.0	0.0	0.0	4.3
6	14.4	22.0	17.5	79.4	15.865	13.9	41.4	0.0	41.4	0.5
7	13.8	25.0	17.9	79.8	16.190	14.2	0.0	2.2	2.2	3.7
8	13.6	22.0	16.4	86.0	16.487	14.5	2.7	4.2	6.9	0.5
9	13.6	21.0	16.9	86.2	16.831	14.8	4.2	0.0	4.2	0.6
10	13.5	24.0	16.9	76.0	14.720	12.7	3.2	0.0	3.2	0.9
11	13.6	25.0	19.0	72.3	15.649	13.6	13.6	8.6	22.2	3.8
12	13.6	24.0	17.5	73.8	14.509	12.4	0.0	16.2	16.2	3.5
13	13.9	25.0	18.4	71.2	14.771	12.6	0.0	0.0	0.0	5.0
14	13.0	23.0	18.7	77.8	16.790	14.7	0.5	19.4	19.9	2.2
15	14.0	26.2	18.6	69.3	14.713	12.7	0.0	0.3	0.3	9.2
16	14.0	25.2	18.9	73.4	15.936	13.8	11.0	23.6	34.6	3.3
17	15.0	20.3	17.0	83.2	16.300	14.3	8.5	0.6	9.1	0.4
18	14.8	22.8	17.6	79.1	15.878	13.8	4.4	0.8	5.2	1.4
19	15.3	24.2	18.6	81.9	17.714	15.6	7.3	12.2	19.5	1.8
20	14.6	26.3	18.4	74.8	15.588	13.6	17.3	0.0	17.3	6.3
21	14.3	24.3	17.4	79.8	16.186	14.2	1.7	0.0	1.7	2.1
22	12.6	24.3	18.4	73.9	15.522	13.5	0.0	0.0	0.0	4.9
23	13.2	23.6	17.2	77.4	15.189	13.2	5.6	0.0	5.6	2.8
24	13.6	26.0	19.3	74.4	16.575	14.6	0.6	0.0	0.6	6.4
25	12.4	26.3	19.0	69.5	15.205	13.2	0.4	0.0	0.4	8.0
26	12.6	26.0	17.6	72.9	14.881	12.8	9.2	0.0	9.2	5.7
27	12.3	26.0	18.9	76.4	16.394	14.4	0.0	0.0	0.0	4.8
28	14.8	18.0	15.3	90.5	15.768	13.8	21.3	2.0	23.3	0.0
29	13.2	24.0	17.5	78.3	15.642	13.7	0.2	0.0	0.2	2.6
30	13.8	23.3	17.1	80.1	15.735	13.8	1.8	0.0	1.8	0.4
PROM	13.8	23.8	17.9	78.4	16.050	14.0	191.7	115.6	307.3	88.6

ESTACION: LA FLORIDA MUNICIPIO: POPAYAN AÑO: 1.982

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	21.4	17.7	75.6	15.654	13.7	2.1	0.2	2.3	0.7
2	13.5	22.0	16.9	81.7	15.896	13.9	0.5	0.0	0.5	3.3
3	12.3	23.0	16.6	79.3	15.236	13.2	1.8	0.0	1.8	3.6
4	13.6	23.0	18.1	80.4	16.549	14.5	1.7	0.0	1.7	2.2
5	14.8	24.6	19.0	75.7	16.574	14.6	1.4	0.0	1.4	4.7
6	12.6	24.0	18.1	72.9	15.205	13.1	4.1	0.0	4.1	4.6
7	13.8	23.0	17.0	76.3	14.939	12.9	7.7	0.0	7.7	2.0
8	12.5	24.2	18.1	73.8	15.426	13.4	5.6	1.5	7.1	3.7
9	14.0	23.5	17.4	80.2	16.085	14.1	0.3	0.0	0.3	2.8
10	14.5	23.0	17.9	77.1	15.850	13.9	0.5	0.0	0.5	2.0
11	13.8	25.0	18.6	72.9	15.765	13.8	0.0	0.0	0.0	3.0
12	13.5	25.0	18.5	72.0	15.446	13.4	2.2	0.0	2.2	4.9
13	14.0	24.8	19.8	71.7	16.235	14.1	0.0	11.5	11.5	4.3
14	12.6	23.0	17.9	77.4	15.647	13.6	7.2	0.3	7.5	2.0
15	13.1	23.6	18.2	77.1	16.056	14.1	4.3	0.0	4.3	4.1
16	12.5	21.3	16.5	81.6	15.335	13.4	0.8	0.0	0.8	1.1
17	12.6	23.7	18.6	74.4	15.937	13.8	0.5	0.5	1.0	3.5
18	14.6	22.6	16.9	87.1	16.951	14.9	9.1	5.9	15.0	1.6
19	13.3	21.4	17.4	81.5	16.239	14.2	6.8	0.7	7.5	1.9
20	13.6	22.5	17.3	80.3	16.252	14.2	7.9	11.0	18.9	0.5
21	14.6	20.0	16.4	81.0	15.219	13.2	5.6	0.2	5.8	0.1
22	13.2	21.3	16.8	78.9	15.131	13.2	8.9	24.5	33.4	1.0
23	12.6	22.0	17.5	77.9	15.254	13.2	0.3	0.0	0.3	1.0
24	13.0	22.0	17.3	81.3	16.248	14.2	0.0	0.0	0.0	1.8
25	13.8	20.0	16.2	88.9	16.658	14.6	1.0	4.9	5.9	0.2
26	13.8	22.3	16.6	84.4	15.947	14.0	10.2	8.3	18.5	2.9
27	14.6	21.0	16.2	87.6	16.535	14.4	1.7	7.1	8.8	2.4
28	13.6	21.0	16.6	84.4	16.189	14.1	1.6	0.0	1.6	0.2
29	13.8	21.2	17.0	82.1	16.141	14.2	0.1	0.0	0.1	1.4
30	11.5	24.3	18.5	72.4	15.331	13.3	0.0	0.0	0.0	5.4
31	11.5	25.0	18.1	71.8	14.539	12.5	0.0	0.0	0.0	7.9
PROM.	13.4	22.7	17.5	78.7	15.822	13.8	93.9	76.6	170.5	80.8

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	25.4	17.9	61.3	12.253	9.7	0.0	0.0	0.0	5.8
2	12.6	25.2	17.8	67.7	13.634	11.5	0.0	0.0	0.0	7.9
3	12.8	23.3	17.7	75.8	15.390	13.4	0.0	0.0	0.0	2.6
4	11.8	23.4	17.1	75.3	14.895	12.9	0.0	0.0	0.0	2.5
5	12.8	23.4	17.7	79.3	16.415	14.4	0.6	0.0	0.6	2.9
6	12.5	24.1	17.4	80.2	16.359	14.3	3.9	0.0	3.9	4.4
7	10.4	25.3	18.0	64.0	12.946	10.8	0.0	0.0	0.0	8.4
8	13.6	25.0	18.6	73.2	15.595	13.6	0.5	0.0	0.5	6.3
9	11.5	25.3	18.1	72.8	15.022	13.0	0.5	0.0	0.5	4.3
10	13.3	24.2	18.4	79.7	16.757	14.7	4.4	0.0	4.4	6.2
11	12.0	24.4	18.4	77.2	16.053	14.0	6.5	0.0	6.5	5.5
12	12.0	21.4	16.4	81.7	15.201	13.2	0.0	0.0	0.0	3.1
13	11.0	23.5	16.7	76.4	14.540	12.5	0.0	0.0	0.0	4.9
14	12.4	24.5	17.3	74.0	15.024	13.0	0.0	0.0	0.0	4.8
15	11.8	25.0	18.4	65.2	13.991	11.9	0.0	0.0	0.0	7.3
16	12.5	24.3	18.1	70.3	14.588	12.6	0.0	0.0	0.0	5.0
17	12.8	23.0	17.3	78.1	15.795	13.8	0.0	0.0	0.0	4.0
18	11.5	26.0	19.3	66.5	14.658	12.6	0.0	0.0	0.0	10.1
19	12.5	24.2	18.4	67.2	14.566	12.6	3.9	0.0	3.9	5.4
20	11.4	22.3	16.6	78.9	15.088	13.1	10.6	0.0	10.6	2.5
21	11.5	24.6	17.7	70.3	14.235	12.2	0.0	0.0	0.0	7.1
22	13.1	25.0	18.1	71.9	14.526	12.5	0.0	0.0	0.0	7.9
23	12.1	26.0	18.5	62.3	13.233	11.1	0.0	0.0	0.0	6.3
24	12.1	23.3	17.1	79.0	15.552	13.6	0.0	0.0	0.0	3.6
25	10.5	25.0	19.1	61.1	13.547	11.3	0.0	0.0	0.0	9.5
26	11.0	24.4	17.4	68.8	13.827	11.7	0.0	0.0	0.0	8.4
27	12.8	25.3	19.4	67.8	15.010	12.9	0.0	0.0	0.0	5.1
28	12.0	26.0	18.9	62.0	13.314	11.2	0.0	0.0	0.0	10.5
29	12.8	27.0	19.6	59.4	13.376	11.3	0.0	0.0	0.0	8.5
30	12.8	25.3	20.0	58.5	13.151	11.0	0.0	0.0	0.0	7.6
PROM	12.2	24.5	18.1	70.9	14.618	12.5	30.9	0.0	30.9	178.4

ESTACION: LA FLORIDA MUNICIPIO: POPAYAN AÑO: 1.982

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

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.8	24.1	18.5	69.3	14.770	12.7	0.0	0.0	0.0	3.6
2	12.4	24.1	18.0	67.3	13.967	11.9	0.0	0.0	0.0	1.7
3	12.4	23.2	17.8	71.4	14.873	12.9	0.0	0.0	0.0	3.1
4	11.0	23.0	17.3	75.1	15.104	13.1	0.2	0.0	0.2	4.5
5	10.4	25.4	18.3	78.2	16.561	14.5	0.0	0.0	0.0	6.4
6	13.5	25.5	16.6	81.6	15.730	13.7	0.0	0.0	0.0	3.0
7	13.0	24.4	17.6	63.9	12.688	10.4	0.0	0.0	0.0	6.8
8	12.4	26.3	17.3	80.3	15.839	13.9	0.2	0.2	0.4	2.9
9	12.1	26.4	17.8	69.1	14.009	11.9	0.0	0.0	0.0	8.6
10	12.8	25.1	19.1	63.4	14.393	12.4	0.0	0.0	0.0	7.2
11	14.0	25.0	18.6	72.1	15.293	13.2	0.0	0.0	0.0	2.8
12	13.2	22.0	16.6	83.6	16.070	14.1	0.1	0.1	0.2	1.1
13	12.8	25.8	18.4	60.7	12.646	10.4	0.0	0.0	0.0	7.2
14	13.0	26.0	19.2	51.5	11.590	9.2	0.0	0.0	0.0	9.8
15	12.8	25.8	20.9	47.4	11.850	9.5	0.0	0.0	0.0	10.1
16	13.8	26.0	19.3	52.1	11.861	9.5	0.0	0.0	0.0	9.3
17	10.8	26.3	17.3	57.4	11.233	8.7	0.0	0.0	0.0	9.6
18	12.8	24.1	17.8	65.8	13.365	11.2	0.0	0.0	0.0	2.7
19	12.5	23.6	18.1	68.5	14.105	12.0	0.0	0.0	0.0	2.5
20	12.4	23.3	17.9	65.7	13.868	11.8	0.0	0.0	0.0	2.1
21	13.0	26.3	18.1	62.6	12.800	10.5	0.0	0.0	0.0	9.5
22	10.0	26.6	19.5	58.8	13.013	10.7	0.0	0.0	0.0	9.6
23	11.0	26.0	17.7	61.8	12.216	9.9	0.0	0.0	0.0	7.6
24	11.5	25.0	17.1	67.2	14.122	11.8	0.0	0.0	0.0	9.2
25	11.6	26.0	18.4	60.6	12.637	10.4	0.0	0.0	0.0	6.1
26	12.1	22.0	17.3	84.3	16.773	14.7	0.0	0.0	0.0	3.0
27	12.0	22.4	16.4	77.1	14.307	12.3	0.0	14.0	14.0	2.2
28	13.0	22.0	16.6	81.4	15.241	13.2	0.3	0.4	0.7	1.4
29	12.3	24.0	17.9	74.6	15.127	13.1	0.0	0.0	0.0	4.6
30	12.8	25.0	18.5	60.6	12.290	9.6	0.0	0.0	0.0	8.9
31	12.9	25.0	17.6	57.6	11.674	9.2	0.0	0.0	0.0	2.5
PROM.	12.4	24.7	18.0	67.5	13.871	11.7	0.8	14.7	15.5	169.6

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	11.3	26.0	19.1	59.8	13.030	10.9	0.0	0.0	0.0	4.2
2	11.3	26.0	18.0	58.6	11.796	9.3	0.0	0.0	0.0	7.8
3	10.8	25.0	18.7	53.5	11.672	9.2	0.0	0.0	0.0	6.9
4	12.7	25.0	19.7	52.9	11.981	9.6	0.0	0.0	0.0	6.9
5	11.5	26.0	20.8	46.3	11.153	8.6	0.0	0.0	0.0	9.0
6	11.8	25.0	17.5	71.2	14.189	12.2	0.0	0.0	0.0	3.4
7	10.8	24.0	16.6	78.1	14.922	13.0	0.8	0.1	0.9	4.6
8	11.5	21.0	15.9	79.6	14.341	12.3	0.0	0.0	0.0	3.5
9	10.0	28.6	20.0	48.2	10.246	7.3	0.0	0.0	0.0	9.7
10	13.0	25.8	18.5	58.0	12.147	9.8	0.0	0.0	0.0	5.4
11	12.0	26.0	18.9	52.6	11.779	9.4	0.0	0.0	0.0	7.1
12	13.0	25.0	18.0	59.9	12.531	10.3	0.0	0.0	0.0	3.9
13	11.4	26.3	17.5	55.5	10.787	8.1	0.0	0.0	0.0	9.3
14	12.5	25.4	17.6	59.7	12.080	9.8	0.0	0.0	0.0	7.6
15	12.5	26.6	19.6	59.2	13.220	11.1	0.0	0.0	0.0	7.9
16	13.3	26.8	19.1	61.0	13.582	11.4	0.0	0.0	0.0	4.6
17	11.8	27.4	20.6	50.0	11.847	9.4	0.0	0.0	0.0	9.8
18	12.6	25.3	19.2	53.6	12.215	9.9	0.0	0.0	0.0	5.9
19	12.5	25.4	19.0	58.6	12.749	10.6	0.0	0.0	0.0	5.2
20	13.1	25.8	19.2	61.7	13.524	11.5	0.0	0.0	0.0	3.8
21	13.0	27.0	20.4	49.7	11.299	8.7	0.0	0.0	0.0	5.5
22	11.8	26.3	20.5	49.6	11.715	9.3	0.0	0.0	0.0	10.5
23	13.6	28.3	21.4	57.6	13.993	11.9	0.0	0.0	0.0	8.0
24	13.6	26.4	19.9	55.7	13.099	10.9	0.0	0.0	0.0	4.6
25	13.0	25.8	19.3	55.8	12.353	10.0	0.0	0.0	0.0	2.6
26	12.0	27.3	19.8	54.5	12.720	10.5	0.0	0.0	0.0	6.3
27	15.3	27.0	20.1	56.4	13.366	11.3	0.0	0.0	0.0	5.8
28	14.6	25.4	20.4	57.5	13.704	11.7	0.0	0.0	0.0	2.7
29	14.8	27.9	20.6	54.2	13.005	10.8	0.0	0.0	0.0	6.7
30	13.1	26.0	19.5	57.1	13.127	11.0	0.0	0.0	0.0	2.9
31	15.3	26.3	18.9	55.2	12.086	9.8	0.0	0.0	0.0	5.0
PROM	12.6	26.0	19.2	57.5	12.589	10.3	0.8	0.1	0.9	187.1

ESTACION: LA FLORIDA MUNICIPIO: POPAYAN AÑO: 1.982

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.5	26.6	19.7	54.9	12.315	10.0	0.0	0.0	0.0	8.8
2	13.3	27.2	19.2	57.5	12.639	10.4	0.0	0.0	0.0	5.6
3	13.5	27.8	20.3	57.4	13.234	11.1	0.0	0.0	0.0	8.5
4	12.6	27.1	19.5	54.6	12.250	9.9	0.0	0.0	0.0	6.0
5	13.4	25.8	20.6	57.6	13.775	11.7	0.0	0.0	0.0	6.2
6	13.3	27.8	19.5	52.4	11.983	9.7	0.0	0.0	0.0	10.3
7	13.5	28.4	20.0	53.8	12.576	10.3	0.0	0.0	0.0	7.0
8	13.1	26.4	20.1	63.3	14.787	12.8	0.0	0.0	0.0	5.9
9	12.4	26.0	19.3	69.1	14.818	12.8	0.0	0.0	0.0	3.1
10	14.1	23.0	18.4	75.9	16.326	14.3	0.1	0.2	0.3	3.5
11	14.5	23.0	16.8	86.0	16.642	14.6	9.1	0.0	9.1	2.1
12	13.5	27.0	20.1	58.0	13.221	11.1	0.0	0.0	0.0	7.3
13	13.6	27.0	20.5	59.2	13.655	11.5	0.0	0.0	0.0	7.1
14	13.5	25.0	18.6	71.7	15.553	13.5	3.8	0.0	3.8	2.9
15	14.2	23.3	17.6	76.3	15.618	13.7	1.5	2.1	3.6	2.3
16	14.3	22.0	16.4	85.1	16.269	14.3	2.4	28.8	31.2	1.2
17	13.5	22.3	17.0	74.5	14.549	12.5	5.2	0.2	5.4	2.6
18	14.2	25.0	18.8	76.2	16.328	14.3	2.3	0.2	2.5	4.0
19	14.5	22.0	16.8	76.9	14.979	13.0	30.0	0.0	30.0	1.0
20	11.0	24.5	17.7	66.4	13.655	11.4	0.0	0.0	0.0	6.2
21	13.5	27.0	17.8	60.7	12.038	9.5	0.0	0.0	0.0	6.8
22	13.0	26.6	19.3	49.8	11.099	8.5	0.0	0.0	0.0	6.9
23	12.5	25.0	19.1	64.8	14.456	12.4	0.0	0.0	0.0	5.9
24	15.0	22.0	16.7	80.6	15.543	13.6	1.4	1.3	2.7	1.3
25	14.0	23.0	17.8	74.6	15.261	13.3	1.9	0.0	1.9	2.1
26	13.5	25.0	17.8	68.8	13.852	11.8	0.0	0.0	0.0	7.5
27	12.5	25.1	18.2	66.1	13.633	11.5	0.0	3.1	3.1	3.8
28	13.5	22.3	16.4	78.3	14.668	12.7	0.8	1.9	2.7	1.3
29	13.5	24.1	17.3	74.4	14.935	12.9	0.4	0.0	0.4	6.7
30	14.5	24.2	18.6	69.4	14.694	12.6	2.4	0.0	2.4	6.3
PROM.	13.4	25.1	18.5	67.1	14.178	12.1	61.3	37.8	99.1	150.2

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	14.0	23.0	17.2	72.8	14.727	12.7	10.9	1.6	12.5	2.8
2	14.5	24.0	17.1	74.7	14.427	12.4	1.7	22.2	23.9	3.5
3	14.0	20.4	16.8	82.1	15.933	14.0	3.5	0.0	3.5	1.1
4	13.0	24.0	16.9	78.9	15.166	13.2	0.7	0.0	0.7	6.2
5	13.0	25.0	19.1	69.5	15.134	13.1	0.0	0.0	0.0	5.2
6	13.5	26.0	18.7	69.0	14.644	12.6	0.0	0.0	0.0	4.7
7	14.0	23.5	15.8	81.7	14.885	12.9	7.7	2.5	10.2	3.3
8	13.3	23.5	16.3	81.6	15.324	13.4	0.0	0.9	0.9	1.3
9	14.2	23.5	17.1	79.4	15.727	13.8	0.1	0.0	0.1	1.9
10	13.5	24.0	17.0	71.7	13.883	11.8	5.5	0.0	5.5	2.9
11	13.5	24.0	18.4	61.8	13.216	11.0	0.0	0.0	0.0	1.0
12	12.5	23.0	16.9	74.1	14.530	12.3	0.6	0.0	0.6	3.8
13	11.0	26.3	18.1	65.5	13.538	11.3	11.0	0.2	11.2	7.8
14	13.5	24.5	17.4	75.3	14.914	12.9	0.0	0.0	0.0	4.2
15	13.7	25.0	18.0	76.3	15.791	13.8	0.0	8.4	8.4	4.6
16	13.1	23.6	18.0	74.5	15.180	13.2	0.0	0.0	0.0	4.1
17	12.0	22.3	16.9	75.8	14.969	13.0	0.0	0.0	0.0	4.4
18	10.6	25.0	19.4	63.6	14.310	12.2	0.0	0.0	0.0	7.7
19	14.1	26.0	18.5	74.4	16.143	14.1	3.9	3.2	7.1	6.3
20	13.1	20.2	16.6	80.1	14.998	13.0	1.0	9.2	10.2	0.3
21	13.4	23.0	17.9	73.5	14.990	13.0	0.4	29.0	29.4	1.8
22	14.0	23.0	17.4	79.2	15.897	13.9	1.0	0.4	1.4	1.6
23	14.1	24.0	17.8	77.0	15.603	13.6	2.4	0.6	3.0	2.0
24	14.2	21.0	15.6	89.7	16.206	14.2	18.0	0.0	18.0	0.6
25	13.6	23.0	17.0	80.1	15.629	13.6	0.0	4.0	4.0	2.1
26	14.2	21.4	17.4	78.5	15.607	13.6	0.2	0.2	0.4	0.1
27	12.0	22.0	16.4	76.2	14.359	12.3	0.0	0.0	0.0	3.2
28	11.0	23.0	17.6	73.7	14.820	12.7	0.0	0.0	0.0	5.3
29	12.4	25.0	17.3	75.7	14.896	12.8	0.0	0.0	0.0	4.5
30	13.4	26.0	18.3	74.7	15.572	13.6	0.0	0.0	0.0	4.9
31	12.5	25.5	18.1	70.9	14.697	12.7	8.4	0.0	8.4	6.1
PROM	13.2	23.7	17.5	75.2	15.023	13.0	77.0	82.4	159.4	109.3

ESTACION: LA FLORIDA MUNICIPIO: POPAYAN AÑO: 1.982

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

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.3	23.0	16.8	89.0	17.242	15.2	4.2	0.0	4.2	3.7
2	14.0	22.5	16.9	79.9	15.446	13.5	18.6	12.2	30.8	1.4
3	13.2	24.5	17.5	73.6	14.803	12.8	40.0	70.0	110.0	4.1
4	14.2	22.3	17.2	77.1	14.940	12.9	1.2	0.0	1.2	2.7
5	14.2	25.0	18.3	73.3	15.139	13.1	1.5	1.2	2.7	5.4
6	14.5	24.0	18.0	72.4	14.774	12.7	0.3	1.8	2.1	4.7
7	12.5	25.0	18.4	68.2	14.597	12.6	43.5	0.0	43.5	5.6
8	13.6	27.0	19.3	70.0	15.699	13.6	2.1	0.0	2.1	7.0
9	12.8	26.4	19.1	70.1	15.687	13.7	0.0	0.0	0.0	7.9
10	12.8	25.0	17.0	74.1	14.990	12.9	27.0	0.0	27.0	5.2
11	12.5	21.0	16.6	80.4	15.307	13.3	3.0	11.8	14.8	1.8
12	14.3	22.3	17.5	81.2	16.521	14.5	0.0	0.0	0.0	1.7
13	13.1	26.8	19.1	69.1	15.482	13.5	0.0	0.0	0.0	8.4
14	13.1	26.8	20.8	57.6	14.056	12.0	0.0	0.0	0.0	9.7
15	13.3	28.0	19.5	68.0	15.257	13.2	0.0	0.0	0.0	7.5
16	14.0	23.0	17.3	83.9	16.818	14.8	35.8	0.0	35.8	1.4
17	13.5	23.0	16.7	84.5	15.941	13.9	3.7	0.0	3.7	3.7
18	13.6	25.0	17.7	71.6	15.180	13.0	1.7	0.0	1.7	4.2
19	13.2	22.4	17.0	79.9	15.417	13.4	12.2	0.0	12.2	1.0
20	14.3	22.2	17.2	79.0	15.579	13.6	6.5	11.1	17.6	3.0
21	13.6	23.0	17.6	75.5	15.537	13.5	4.7	1.4	6.1	4.7
22	14.0	23.0	17.1	81.4	16.018	14.0	0.0	0.4	0.4	3.9
23	14.2	23.3	17.8	78.4	15.907	13.9	0.0	0.0	0.0	3.6
24	13.1	26.0	18.5	69.2	14.906	12.8	0.0	0.0	0.0	8.1
25	13.1	23.3	16.8	71.4	13.944	11.8	0.7	0.0	0.7	5.5
26	12.5	25.0	18.3	63.9	13.410	11.2	0.0	7.2	7.2	7.8
27	13.3	24.2	17.2	74.9	14.723	12.7	4.4	7.1	11.5	6.6
28	12.0	23.3	17.4	71.7	14.206	12.1	0.0	0.0	0.0	5.9
29	12.4	25.0	17.8	69.9	14.247	12.1	0.9	2.6	3.5	9.5
30	13.2	25.0	18.6	66.4	14.353	12.3	0.0	0.0	0.0	9.0
PROM.	13.4	24.2	17.8	74.2	15.204	13.2	212.0	126.8	338.8	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	14.5	24.6	19.6	70.8	16.069	14.1	0.0	0.0	0.0	5.0
2	13.3	25.2	18.3	79.4	16.695	14.6	0.0	0.0	0.0	4.8
3	13.2	25.0	18.2	74.8	15.681	13.7	0.0	0.0	0.0	6.5
4	13.2	22.0	17.4	77.0	15.416	13.4	0.0	0.0	0.0	0.4
5	14.3	23.0	16.1	85.1	15.756	13.8	0.0	1.7	1.7	1.0
6	14.2	24.3	18.4	75.9	15.772	13.7	14.3	2.6	16.9	3.5
7	15.3	23.0	17.4	81.4	16.362	14.4	1.7	3.1	4.8	1.4
8	14.3	21.4	16.5	90.0	17.081	15.0	7.1	0.1	7.2	1.3
9	14.0	25.0	18.1	77.8	16.146	14.1	29.6	0.0	29.6	4.2
10	15.0	22.0	17.8	80.3	16.338	14.3	6.6	1.4	8.0	2.4
11	13.2	24.3	17.8	73.4	15.268	13.2	3.0	0.0	3.0	7.2
12	12.1	24.4	18.3	67.3	14.323	12.2	1.5	0.0	1.5	5.9
13	13.4	22.4	17.7	74.0	15.167	13.1	11.0	0.0	11.0	4.2
14	12.2	25.0	18.3	73.3	15.310	13.2	0.0	0.0	0.0	8.6
15	13.3	27.0	19.8	65.8	15.224	13.1	0.0	0.0	0.0	8.1
16	14.3	24.0	17.5	75.9	15.201	13.2	3.9	0.0	3.9	4.0
17	13.5	24.0	17.8	74.5	15.213	13.1	0.0	14.1	14.1	6.3
18	14.3	24.0	17.8	71.7	14.503	12.5	7.4	0.0	7.4	5.3
19	13.2	25.4	17.5	72.4	14.419	12.4	84.6	3.5	88.1	5.6
20	13.3	23.4	17.6	72.9	14.489	12.5	0.0	0.0	0.0	5.9
21	14.3	23.0	17.5	76.2	15.484	13.5	1.2	3.4	4.6	3.6
22	12.5	25.0	17.9	74.2	15.108	13.1	0.8	0.0	0.8	4.2
23	13.0	25.0	18.1	70.7	14.648	12.5	13.3	0.0	13.3	6.0
24	14.3	24.0	17.8	78.5	16.160	14.2	0.2	0.0	0.2	4.9
25	12.5	24.0	18.6	69.9	15.031	13.0	2.3	0.0	2.3	6.0
26	12.6	25.4	19.3	66.2	14.879	12.8	0.0	0.0	0.0	10.5
27	14.5	21.0	17.3	79.5	15.740	13.7	3.0	16.1	19.1	0.0
28	13.5	24.0	18.3	71.1	14.951	12.8	0.0	3.3	3.3	4.6
29	14.2	23.0	17.4	75.5	15.426	13.5	31.6	1.0	32.6	2.0
30	12.0	25.0	17.8	71.2	14.411	12.3	0.0	0.0	0.0	7.0
31	12.7	26.0	18.0	70.3	14.683	12.6	0.0	0.0	0.0	9.9
PROM	13.6	24.0	17.9	74.7	15.386	13.3	223.1	50.3	273.4	150.3

ESTACION: LA FLORIDA MUNICIPIO POPAYAN AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias lluvias	
ENERO	13.4	23.5	17.4	10.8	26.4	80.1	15.958	13.9	288.9	21	
FEBRERO	13.6	23.6	17.8	11.8	26.0	80.3	16.313	14.3	242.4	25	111.7
MARZO	13.7	24.2	17.9	12.5	26.3	80.6	16.553	14.5	388.8	24	130.0
ABRIL	13.8	23.8	17.9	12.3	26.3	78.4	16.050	14.0	307.3	25	88.6
MAYO	13.4	22.7	17.5	11.5	25.0	78.7	15.822	13.8	170.5	27	80.8
JUNIO	12.2	24.5	18.1	10.4	27.0	70.9	14.618	12.5	30.9	8	178.4
JULIO	12.4	24.7	18.0	10.0	26.6	67.5	13.871	11.7	15.5	5	169.6
AGOSTO	12.6	26.0	19.2	10.0	28.6	57.5	12.589	10.3	0.9	1	187.1
SEPTIEMBRE	13.4	25.1	18.5	11.0	28.4	67.1	14.178	12.1	99.1	14	150.2
OCTUBRE	13.2	23.7	17.5	10.6	26.3	75.2	15.023	13.0	159.4	20	109.3
NOVIEMBRE	13.4	24.2	17.8	12.0	28.0	74.2	15.204	13.2	338.8	21	154.7
DICIEMBRE	13.6	24.0	17.9	12.0	27.0	74.7	15.386	13.3	273.4	21	150.3
PROMEDIO	13.2	24.2	18.0	11.2	26.8	73.8	15.130	13.1			
TOTAL									2315.9	212	

ESTACION: MANUEL MEJIA MUNICIPIO: TAMBO AÑO: 1.982

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

M E S - ENERJ

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.3	22.0	16.8	84.0	16.152	14.1	16.6	16.1	32.7	3.3
2	15.6	22.8	18.6	74.8	15.873	13.9	1.8	13.1	14.9	2.9
3	14.7	22.0	17.1	87.3	17.213	15.2	2.0	5.5	7.5	1.1
4	15.4	23.5	16.8	86.7	16.775	14.8	11.3	3.1	14.4	2.0
5	15.0	22.4	18.0	86.7	17.668	15.5	0.1	17.2	17.3	4.9
6	16.0	22.5	17.8	86.7	18.092	15.9	9.3	5.5	14.8	4.1
7	15.5	23.0	18.6	83.5	17.918	15.8	11.6	26.9	38.5	5.2
8	16.5	24.0	18.9	78.0	17.044	15.0	0.0	3.4	3.4	7.8
9	15.5	23.5	18.2	87.6	18.548	16.3	0.0	0.1	0.1	6.9
10	16.6	23.0	18.6	88.2	18.789	16.5	2.1	0.0	2.1	1.5
11	16.0	22.0	17.4	84.8	17.095	15.1	0.0	0.0	0.0	6.1
12	15.4	24.0	19.5	81.9	18.576	16.3	0.0	0.0	0.0	7.6
13	15.5	22.8	19.1	76.8	16.821	14.7	0.0	0.0	0.0	3.9
14	16.5	24.3	18.4	86.5	18.488	16.3	6.1	3.0	9.1	8.7
15	14.3	23.3	17.7	86.1	17.712	15.6	0.0	0.0	0.0	
16	15.0	24.2	18.1	81.6	16.975	14.9	0.0	0.0	0.0	
17	16.3	24.0	18.5	87.3	18.955	16.7	0.0	0.0	0.0	
18	15.5	25.0	20.4	76.7	18.381	16.2	0.0	0.0	0.0	8.7
19	16.5	24.8	19.4	75.5	16.636	14.5	0.0	0.0	0.0	9.3
20	12.6	25.5	18.6	79.3	16.323	14.2	0.0	3.6	3.6	8.4
21	15.5	25.5	18.2	80.1	16.591	14.5	13.7	0.0	13.7	8.7
22	16.5	24.5	19.6	81.7	18.471	16.2	0.0	0.0	0.0	8.3
23	16.5	24.0	19.2	82.1	17.915	15.6	0.0	0.5	0.5	8.2
24	14.5	24.0	18.4	82.4	17.868	15.7	4.7	3.9	8.6	7.3
25	14.5	22.3	17.1	84.3	16.427	14.4	4.8	16.1	20.9	6.2
26	14.6	23.0	17.5	85.4	17.024	15.0	2.1	72.9	75.0	6.0
27	14.4	22.5	16.9	83.2	15.863	13.8	8.5	4.3	12.8	4.3
28	14.8	21.5	17.4	87.4	17.441	15.4	6.3	0.0	6.3	5.2
29	14.8	20.4	17.9	88.2	17.865	15.7	0.0	0.0	0.0	
30	15.3	21.0	18.8	89.1	19.009	16.6	0.0	0.0	0.0	2.4
31	15.6	21.0	18.4	84.5	17.765	15.5	0.5	0.0	0.5	3.9
PROM.	15.3	23.2	18.3	83.5	17.493	15.4	101.5	195.2	296.7	

M E S - FEBRERO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.3	23.0	17.8	83.2	17.063	15.0	1.6	0.0	1.6	6.1
2	15.0	21.3	17.7	83.7	16.772	14.7	0.0	2.6	2.6	1.8
3	15.2	23.5	18.2	78.8	16.528	14.5	0.3	0.0	0.3	8.2
4	15.0	23.8	18.7	83.1	17.926	15.8	1.1	0.0	1.1	6.9
5	16.5	20.3	17.9	89.5	18.477	16.2	0.5	0.0	0.5	4.1
6	14.0	23.1	17.9	80.9	16.517	14.5	3.7	1.3	5.0	6.0
7	15.3	22.2	17.9	86.0	17.505	15.4	0.0	0.1	0.1	
8	14.3	23.2	17.9	84.1	17.061	15.0	3.7	2.5	6.2	8.7
9	15.3	22.5	19.0	82.4	17.639	15.5	0.0	0.0	0.0	4.5
10	15.0	22.8	18.1	85.4	17.959	15.8	0.0	0.0	0.0	5.9
11	14.5	23.8	19.3	84.7	18.589	16.3	1.0	4.7	5.7	5.3
12	14.6	20.0	17.4	93.8	18.714	16.4	1.5	0.0	1.5	0.3
13	15.0	22.3	17.5	95.8	19.636	17.1	6.4	11.9	18.3	8.7
14	14.0	21.6	17.3	88.9	17.626	15.4	24.0	0.0	24.0	
15	14.5	20.3	17.9	85.0	17.372	15.3	0.4	0.2	0.6	3.9
16	14.4	22.4	18.4	84.3	17.646	15.5	0.0	7.8	7.8	4.2
17	14.5	21.3	18.4	72.4	15.002	12.7	0.0	0.1	0.1	7.7
18	15.3	23.8	18.9	78.9	17.078	15.0	0.0	9.8	9.8	6.1
19	15.0	20.3	18.3	84.9	17.702	15.6	1.2	3.6	4.8	4.3
20	14.3	19.3	16.9	86.0	16.506	14.5	0.6	0.0	0.6	5.6
21	14.0	22.2	17.8	78.8	15.740	13.7	0.0	12.0	12.0	
22	15.2	21.6	18.0	86.1	17.723	15.6	0.3	0.0	0.3	2.9
23	16.2	22.4	18.4	85.9	18.324	16.1	2.7	1.8	4.5	5.5
24	15.4	22.4	18.9	84.5	18.375	16.1	0.2	0.0	0.2	2.9
25	16.5	24.5	18.6	82.2	17.790	15.7	0.0	0.0	0.0	7.7
26	15.6	24.4	19.9	80.5	18.493	16.2	4.6	0.0	4.6	7.9
27	16.0	21.5	18.2	91.3	16.870	14.7	1.2	0.0	1.2	2.6
28	14.2	22.6	17.9	83.7	16.825	14.7	0.0	0.0	0.0	
PROM	15.0	22.2	18.2	84.1	17.481	15.3	55.0	58.4	113.4	

ESTACION: MANUEL MEJIA | MUNICIPIO: TAMBO | AÑO: 1.982

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

MES - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.2	22.5	18.8	81.9	17.625	15.5	0.0	11.0	11.0	2.2
2	14.4	17.2	16.0	90.2	16.566	14.6	11.7	0.0	11.7	
3	13.4	23.5	18.5	81.7	16.938	14.9	0.0	0.0	0.0	6.7
4	15.3	23.4	18.7	79.4	17.037	15.0	1.1	8.7	9.8	4.1
5	14.5	22.5	18.6	77.9	16.334	14.3	0.9	2.1	3.0	4.0
6	14.3	21.3	18.0	85.2	17.500	15.4	0.0	0.0	0.0	4.2
7	14.3	24.1	17.3	70.8	14.114	11.9	40.2	0.0	40.2	4.2
8	14.5	21.4	17.8	85.2	17.736	15.6	4.2	0.3	4.5	2.1
9	14.0	22.0	18.2	82.8	17.178	15.1	0.0	0.0	0.0	6.3
10	14.8	23.3	18.8	78.4	16.887	14.8	0.0	36.3	36.3	6.2
11	15.0	22.3	18.5	83.0	17.499	15.4	0.0	0.0	0.0	6.2
12	15.0	21.3	17.7	82.7	16.580	14.6	0.0	0.0	0.0	3.9
13	14.8	21.3	16.9	88.6	17.086	15.0	0.0	0.0	0.0	6.3
14	15.3	22.3	18.2	83.5	17.221	15.1	0.3	0.0	0.3	
15	13.8	24.8	18.7	77.9	16.340	14.3	0.3	8.2	8.5	6.0
16	15.5	21.5	17.5	94.4	19.131	16.7	5.4	6.0	11.4	2.2
17	14.0	22.6	18.3	81.3	16.685	14.6	0.0	0.0	0.0	9.3
18	15.2	22.5	17.9	83.5	17.203	15.1	0.0	0.0	0.0	8.2
19	15.3	23.0	18.0	87.3	18.179	16.0	0.0	0.0	0.0	
20	15.6	23.2	18.3	87.3	18.352	16.1	0.0	0.0	0.0	
21	15.0	24.4	21.6	72.1	17.469	15.4	0.0	0.0	0.0	4.2
22	14.8	22.3	19.6	80.7	17.959	15.8	0.0	0.0	0.0	4.5
23	15.5	23.6	18.9	78.6	17.120	15.0	0.0	0.0	0.0	2.2
24	15.3	24.0	18.5	80.6	17.071	14.9	5.5	8.3	13.8	5.3
25	15.5	23.7	18.1	83.2	17.451	15.4	6.7	0.7	7.4	6.2
26	14.5	19.9	16.9	94.5	18.116	15.9	17.3	14.7	32.0	
27	15.0	22.0	18.0	86.8	17.741	15.6	0.0	8.0	8.0	7.8
28	13.4	22.3	18.7	77.2	16.521	14.4	0.0	0.0	0.0	6.6
29	16.3	22.7	18.5	82.1	17.559	15.4	0.0	0.0	0.0	1.2
30	13.6	22.9	18.1	82.4	16.672	14.6	0.0	0.0	0.0	6.5
31	14.5	23.2	19.2	78.6	16.958	14.9	0.0	0.7	0.7	4.7
PROM.	14.8	22.5	18.3	82.6	17.188	15.1	93.6	105.0	198.6	

MES - 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	15.9	23.2	19.2	83.2	18.342	16.1	0.0	0.7	0.7	4.2
2	15.6	22.2	17.9	82.9	17.113	15.0	2.7	0.0	2.7	
3	15.0	21.0	17.7	87.0	17.502	15.4	10.4	0.0	10.4	0.1
4	15.1	20.0	16.6	91.6	17.422	15.3	7.5	0.0	7.5	
5	14.5	22.6	18.0	84.8	17.270	15.2	0.2	25.0	25.2	5.0
6	15.0	19.1	16.4	87.8	16.458	14.4	1.7	0.2	1.9	
7	14.2	21.3	17.9	85.1	17.189	15.1	21.3	0.0	21.3	4.1
8	15.0	22.0	18.2	78.8	16.350	14.3	0.0	12.7	12.7	1.2
9	14.5	19.1	16.9	88.5	17.103	15.0	6.0	0.0	6.0	1.2
10	14.0	21.3	17.4	87.3	17.047	14.9	1.3	0.0	1.3	7.3
11	14.0	22.3	18.3	86.3	17.808	15.5	0.0	8.0	8.0	
12	14.1	20.8	17.8	84.9	17.014	14.9	0.0	3.2	3.2	4.4
13	14.1	24.0	18.7	81.1	17.351	15.2	0.0	0.0	0.0	6.6
14	14.0	23.0	18.5	80.6	17.202	15.1	0.0	1.8	1.8	4.8
15	14.5	24.0	18.8	77.1	16.386	14.4	0.0	0.0	0.0	9.7
16	15.5	24.2	19.4	79.6	17.696	15.6	0.0	15.0	15.0	3.3
17	15.5	19.0	17.6	83.6	16.606	14.4	0.0	0.0	0.0	0.9
18	14.3	22.3	18.6	81.9	17.519	15.4	0.4	9.3	9.7	4.8
19	15.3	23.0	18.5	81.9	17.330	15.2	0.0	0.0	0.0	6.8
20	15.8	25.0	20.1	81.4	18.874	16.6	0.0	0.0	0.0	8.1
21	15.8	22.8	18.8	80.3	17.278	15.1	0.4	0.0	0.4	4.1
22	14.5	23.8	18.7	79.7	16.743	14.7	0.0	0.0	0.0	4.8
23	15.5	22.7	18.5	86.6	18.367	16.2	0.0	0.0	0.0	4.2
24	15.5	24.4	19.4	75.3	16.544	14.5	0.0	0.3	0.3	7.5
25	16.0	25.0	19.7	77.4	17.566	15.4	0.0	0.0	0.0	8.3
26	16.3	26.0	21.3	71.9	17.521	15.4	1.1	0.0	1.1	7.5
27	14.5	26.7	19.4	79.7	17.355	15.2	0.0	1.8	1.8	6.6
28	15.5	26.0	19.8	84.4	19.484	17.1	22.7	0.2	22.9	2.6
29	14.0	26.4	17.8	86.3	17.638	15.5	0.0	1.3	1.3	4.1
30	15.0	23.6	18.9	79.4	17.499	15.3	1.6	0.0	1.6	
PROM	15.0	22.9	18.5	82.5	17.386	15.2	77.3	79.5	156.8	

ESTACION: MANUEL MEJIA MUNICIPIO: TAMBO AÑO: 1.982

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1							9.7	5.6	15.3	2.1
2							1.2	0.0	1.2	3.5
3							0.0	0.0	0.0	4.3
4							0.0	0.3	0.3	2.4
5							0.0	0.0	0.0	10.0
6							0.0	0.0	0.0	6.1
7							0.0	0.0	0.0	6.1
8							0.3	1.6	1.9	0.6
9							1.8	0.0	1.8	3.2
10							6.4	0.5	6.9	3.0
11							0.1	0.1	0.2	2.9
12							0.0	0.0	0.0	7.5
13							0.0	50.0	50.0	5.6
14							11.9	0.0	11.9	2.9
15							0.0	0.0	0.0	2.8
16							0.0	13.4	13.4	2.0
17							0.0	0.0	0.0	5.1
18							2.7	1.8	4.5	4.2
19							6.7	7.2	13.9	8.6
20							3.1	24.0	27.1	3.3
21							9.0	12.0	21.0	0.2
22							7.4	20.4	27.8	3.7
23							7.4	0.0	7.4	9.2
24							0.9	0.6	1.5	1.4
25							44.3	9.8	54.1	0.2
26							3.4	0.4	3.8	4.1
27							0.0	5.0	5.0	1.1
28							1.7	0.0	1.7	1.7
29							0.5	0.0	0.5	10.8
30							0.0	0.0	0.0	7.6
31							0.0	0.0	0.0	9.1
PROM.							118.5	152.7	271.2	135.3

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							0.0	0.0	0.0	7.4
2							0.0	0.0	0.0	3.5
3							0.0	0.0	0.0	10.7
4							0.0	0.0	0.0	3.5
5							1.6	0.0	1.6	7.6
6							4.3	0.0	4.3	2.7
7							0.0	0.0	0.0	7.7
8							0.0	0.0	0.0	4.4
9							0.0	0.0	0.0	2.2
10							0.0	0.0	0.0	8.3
11							1.3	0.3	1.6	4.9
12							15.0	0.0	15.0	4.0
13							0.0	0.0	0.0	4.3
14							0.0	0.0	0.0	4.9
15							0.0	0.0	0.0	4.4
16							0.0	0.7	0.7	6.7
17							0.2	0.0	0.2	9.8
18							0.0	0.0	0.0	9.5
19							0.0	0.0	0.0	4.0
20							0.0	0.0	0.0	1.4
21							0.0	0.0	0.0	7.9
22							0.0	0.0	0.0	10.0
23							0.0	0.0	0.0	6.4
24							0.0	0.0	0.0	
25							0.0	0.0	0.0	1.7
26							0.0	0.0	0.0	
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	
PROM							22.4	1.0	23.4	

ESTACION: MANUEL MEJIA — MUNICIPIO: TAMBO — AÑO: 1.982

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							0.0	0.0	0.0	
2							0.0	0.0	0.0	
3							6.7	0.0	6.7	
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	0.0	0.0	
13							2.9	0.0	2.9	
14							0.0	0.0	0.0	8.1
15							0.0	0.0	0.0	9.7
16							0.0	0.0	0.0	9.2
17							0.0	0.0	0.0	7.7
18							0.0	0.0	0.0	9.5
19							0.0	0.0	0.0	
20							0.2	0.0	0.2	9.1
21							0.0	0.0	0.0	
22							0.0	0.0	0.0	
23							0.0	0.0	0.0	10.6
24							0.0	0.0	0.0	8.6
25							0.0	0.0	0.0	10.5
26							0.0	0.0	0.0	
27							2.5	0.0	2.5	3.4
28							35.4	4.8	40.2	3.5
29	15.0	23.0	18.2	72.5	15.090	13.1	10.9	3.0	13.9	2.3
30	14.5	26.0	20.4	51.8	11.289	8.3	0.0	0.0	0.0	5.5
31	11.4	24.2	19.2	52.0	10.863	8.2	0.0	0.0	0.0	9.9
PROM.							58.6	7.8	66.4	8.2

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	24.0	19.3	57.6	12.262	9.9	0.0	0.0	0.0	1.7
2	12.6	24.1	18.6	52.3	10.057	6.6	0.0	0.0	0.0	7.6
3	14.0	21.8	18.3	52.0	10.672	7.9	0.0	0.0	0.0	4.8
4	15.6	23.5	18.5	48.2	10.494	7.7	0.0	0.0	0.0	6.3
5	10.4	24.4	19.4	50.1	10.085	7.1	0.0	0.0	0.0	8.4
6	13.0	22.0	17.2	63.7	12.188	9.7	0.0	0.0	0.0	3.3
7	14.4	23.5	19.7	60.8	13.721	11.2	1.0	2.4	3.4	5.0
8	16.5	23.0	19.4	76.6	17.897	15.7	0.2	0.0	0.2	2.0
9	11.0	26.4	19.1	58.3	11.592	9.1	0.0	0.0	0.0	10.4
10	12.5	24.8	19.1	52.4	11.094	8.4	0.0	0.0	0.0	7.9
11	15.0	24.8	20.6	40.9	10.044	7.0	0.0	0.0	0.0	9.3
12	13.0	26.0	20.8	48.6	11.436	8.8	0.0	0.0	0.0	10.8
13	15.5	25.0	20.1	39.7	8.985	5.4	0.0	0.0	0.0	6.5
14	12.5	25.4	20.0	45.8	10.230	7.3	0.0	0.0	0.0	9.7
15	11.7	26.0	18.8	54.4	10.713	7.9	0.0	0.4	0.4	1.2
16	15.1	25.4	21.2	42.9	10.655	7.9	0.0	0.0	0.0	9.7
17	13.4	25.6	21.0	46.3	11.320	8.7	0.0	0.0	0.0	3.4
18	15.0	25.3	21.1	46.1	11.695	9.3	0.0	0.0	0.0	4.7
19	13.6	25.0	20.7	48.9	11.756	9.3	0.0	0.0	0.0	8.1
20	14.6	25.0	20.6	51.1	12.174	9.9	0.0	0.0	0.0	5.8
21	15.5	26.3	20.7	48.3	11.477	8.9	0.0	0.0	0.0	6.3
22	12.0	27.0	21.7	43.0	11.725	9.3	0.0	0.0	0.0	9.9
23	14.0	26.3	22.1	45.8	12.437	10.2	0.0	0.0	0.0	8.2
24	14.6	24.4	20.3	52.9	12.211	9.8	0.0	0.0	0.0	4.9
25	15.5	24.5	19.9	51.0	11.640	9.2	0.0	0.0	0.0	3.1
26	10.4	27.1	19.8	52.6	10.235	7.0	0.0	0.0	0.0	7.5
27	16.8	25.6	20.9	47.4	11.759	9.4	0.0	0.0	0.0	7.0
28	16.5	27.0	20.8	47.8	11.615	9.2	0.0	0.0	0.0	5.1
29	14.5	27.0	22.1	49.3	12.950	10.7	0.0	0.0	0.0	7.2
30	10.5	23.8	18.9	60.1	11.887	9.4	0.0	0.0	0.0	2.3
31	15.0	24.4	20.4	43.9	10.620	7.8	0.0	0.0	0.0	5.9
PROM	13.8	25.0	20.0	51.1	11.536	8.9	1.2	2.8	4.0	194.0

ESTACION: MANUEL MEJIA MUNICIPIO: TAMBO AÑO: 1.982

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	10.6	24.8	19.2	55.8	11.186	8.5	0.0	0.0	0.0	7.9
2	14.6	25.0	21.9	52.0	12.938	10.8	0.0	0.0	0.0	5.6
3	14.6	27.0	22.0	46.5	11.945	9.6	0.0	0.0	0.0	7.8
4	15.5	26.3	21.2	52.2	12.489	10.0	0.0	0.0	0.0	7.3
5	14.1	25.4	21.0	52.5	13.111	10.8	0.0	0.0	0.0	6.7
6	13.4	26.5	21.0	45.8	10.869	8.2	0.0	0.0	0.0	10.7
7	11.4	26.4	20.7	49.3	11.620	9.1	0.0	0.0	0.0	8.9
8	11.5	25.4	19.3	66.7	14.302	12.3	0.0	0.0	0.0	5.9
9	13.3	25.5	19.4	68.1	14.696	12.5	0.0	0.0	0.0	3.8
10	13.5	23.5	19.1	71.7	15.455	13.4	0.0	33.4	33.4	3.0
11	14.1	25.0	19.5	73.9	16.515	14.4	0.0	0.0	0.0	4.3
12	13.0	26.0	20.1	63.9	14.906	12.6	0.0	0.0	0.0	8.4
13	13.8	27.2	20.2	63.9	14.114	11.9	0.0	0.0	0.0	8.0
14	15.4	24.6	17.7	90.0	18.049	15.9	6.8	1.2	8.0	3.2
15	15.0	21.0	17.8	79.0	15.761	13.7	0.0	2.5	2.5	1.8
16	15.3	22.0	17.7	87.6	17.728	15.6	7.5	49.0	56.5	1.9
17	13.5	22.3	17.0	81.4	15.522	13.5	6.5	0.1	6.6	2.4
18	15.5	23.3	18.5	83.5	17.767	15.7	0.0	0.2	0.2	5.1
19	15.5	21.0	17.3	90.6	18.052	15.9	1.4	0.0	1.4	0.6
20	10.5	22.6	17.1	79.4	15.017	13.0	0.0	0.0	0.0	4.6
21	13.6	23.6	18.4	67.2	13.763	11.6	0.0	0.0	0.0	3.9
22	10.5	23.5	17.0	66.9	12.334	10.0	0.0	0.0	0.0	5.1
23	11.0	23.0	17.9	70.8	13.802	11.7	0.0	1.5	1.5	5.6
24	15.0	20.5	16.5	85.1	16.191	14.2	0.4	7.7	8.1	1.1
25	14.5	22.3	17.5	82.1	16.306	14.3	2.1	12.1	14.2	3.8
26	14.5	24.0	18.9	66.4	14.368	12.3	0.0	0.0	0.0	5.8
27	11.0	26.0	18.4	74.4	14.891	12.8	0.0	56.5	56.5	7.2
28	14.5	21.4	17.0	79.3	15.146	13.0	2.4	2.5	4.9	1.9
29	14.0	23.1	17.3	82.6	16.370	14.4	0.5	0.3	0.8	6.3
30	15.2	23.5	18.6	78.7	16.685	14.6	4.1	0.0	4.1	4.9
PROM.	13.6	24.1	18.8	70.2	14.730	12.5	31.7	167.0	198.7	153.5

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	22.5	16.8	81.7	15.662	13.6	9.6	9.0	18.6	2.7
2	14.5	22.8	17.0	83.6	16.118	14.1	0.3	1.0	1.3	4.8
3	14.2	20.0	17.0	89.5	17.410	15.3	5.6	26.4	32.0	1.1
4	14.5	23.6	18.4	78.7	16.123	14.0	0.0	2.1	2.1	7.9
5	15.0	24.0	17.5	77.9	15.369	13.3	15.4	0.7	16.1	6.0
6	14.5	24.5	19.0	82.7	17.929	15.7	4.7	0.0	4.7	6.6
7	16.0	22.5	18.1	84.0	17.486	15.4	4.3	8.8	13.1	3.8
8	14.3	22.0	17.6	82.6	16.637	14.6	0.0	12.6	12.6	3.0
9	14.5	23.3	18.1	80.9	16.643	14.6	0.0	21.4	21.4	6.3
10	14.4	22.5	17.3	85.1	16.724	14.7	16.4	0.0	16.4	
11	13.8	22.5	18.4	86.6	18.658	16.1	0.0	0.0	0.0	1.4
12	15.0	21.2	16.2	89.5	16.566	14.6	21.2	0.0	21.2	2.3
13	13.5	24.3	18.0	74.1	14.877	12.9	0.0	0.0	0.0	8.2
14	13.0	22.4	16.8	94.6	17.950	15.8	9.9	0.0	9.9	3.6
15	14.0	24.0	18.1	80.4	16.579	14.6	0.0	10.5	10.5	5.6
16	14.5	24.5	18.9	76.1	15.919	13.7	0.0	0.0	0.0	
17	15.5	21.5	17.6	90.8	18.664	16.4	0.0	0.0	0.0	2.6
18	12.3	23.5	18.9	73.1	15.241	13.1	0.0	0.6	0.6	8.2
19	14.5	24.5	18.4	82.9	17.479	15.4	2.9	14.4	17.3	5.8
20	14.4	20.5	17.4	83.1	16.251	14.2	1.0	10.6	11.6	0.3
21	13.8	23.5	17.7	85.3	17.279	15.2	1.4	1.9	3.3	5.0
22	14.4	22.0	17.9	83.1	16.822	14.8	0.0	12.5	12.5	5.0
23	15.3	22.0	17.6	86.3	17.500	15.4	5.6	9.7	15.3	1.9
24	14.5	20.6	16.7	96.2	18.429	16.2	3.3	0.0	3.3	1.2
25	13.5	22.0	18.4	81.9	17.244	15.2	0.0	0.0	0.0	5.5
26	14.3	22.4	18.2	82.3	16.893	14.8	0.0	0.0	0.0	
27	13.5	22.4	17.9	84.2	17.201	15.1	2.6	0.0	2.6	6.4
28	14.0	23.5	18.2	79.4	16.194	14.1	0.0	0.0	0.0	8.6
29	12.5	24.5	18.2	79.3	16.448	14.5	0.0	0.2	0.2	
30	14.5	23.7	18.8	77.0	16.448	14.4	0.0	0.0	0.0	6.6
31	14.8	25.0	18.7	75.4	15.963	13.8	0.0	0.0	0.0	6.8
PROM	14.3	22.8	17.9	82.8	16.797	14.7	104.2	142.4	246.6	

ESTACION: MANUEL MEJIA MUNICIPIO: TAMBO AÑO: 1.982

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	14.5	24.5	18.6	78.3	16.616	14.4	1.0	11.5	12.5	5.7
2	14.5	25.5	17.3	83.8	16.531	14.5	38.5	8.2	46.7	4.1
3	15.0	22.5	17.7	86.2	17.626	15.5	0.0	3.4	3.4	6.0
4	15.0	23.0	17.9	80.3	16.212	14.2	0.0	0.0	0.0	3.7
5	14.5	23.6	19.3	78.4	17.103	15.0	0.0	6.2	6.2	6.7
6	15.3	23.0	18.3	84.2	17.500	15.4	0.9	0.0	0.9	4.1
7	15.5	25.0	19.5	81.8	18.452	16.3	0.0	8.1	8.1	7.4
8	16.0	24.5	19.9	80.7	18.453	16.2	0.0	0.0	0.0	7.4
9	15.2	25.0	19.6	75.6	16.682	14.5	0.0	0.0	0.0	7.4
10	15.5	24.0	18.0	81.0	16.940	14.8	54.2	11.0	65.2	6.6
11	14.5	21.4	16.7	83.2	16.054	14.0	18.4	7.3	25.7	5.3
12	15.1	23.0	18.0	86.1	17.873	15.7	18.1	0.0	18.1	3.0
13	15.8	24.4	19.6	80.0	17.862	15.7	0.0	0.0	0.0	8.7
14	13.7	25.3	19.7	71.5	16.454	14.3	0.0	0.0	0.0	8.5
15	12.5	25.0	19.9	71.7	16.011	14.0	0.0	1.7	1.7	7.9
16	15.0	24.3	18.4	84.8	17.985	15.8	12.1	0.0	12.1	4.7
17	14.6	24.0	18.6	77.8	16.441	14.3	0.5	0.1	0.6	5.3
18	15.0	23.8	17.9	81.6	16.755	14.7	6.6	5.7	12.3	5.0
19	14.5	23.8	17.7	81.6	16.305	14.3	3.1	13.9	17.0	4.7
20	15.5	22.0	18.0	83.1	17.140	14.9	17.0	0.0	17.0	4.2
21	14.5	21.7	17.6	84.3	17.274	15.2	0.5	0.0	0.5	2.7
22	14.3	21.3	17.9	89.0	18.137	15.9	0.3	0.1	0.4	3.6
23	14.6	21.3	17.0	86.7	16.836	14.8	0.0	0.0	0.0	2.9
24	15.5	23.3	19.1	78.9	17.234	15.1	0.0	0.0	0.0	5.8
25	14.5	22.5	17.1	84.7	16.886	14.8	1.9	0.0	1.9	5.8
26	14.3	24.0	18.6	77.2	16.159	14.1	0.1	68.3	68.4	7.1
27	14.0	23.3	18.7	84.5	18.044	15.9	5.0	14.7	19.7	7.4
28	12.7	22.3	17.7	82.2	16.399	14.4	0.0	0.3	0.3	9.0
29	13.5	24.1	19.3	74.8	16.267	14.3	0.0	0.0	0.0	8.7
30	15.6	23.3	18.9	81.6	17.745	15.6	0.0	0.0	0.0	8.6
PROM.	14.7	23.5	18.4	81.2	17.066	15.0	178.2	160.5	338.7	178.0

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	22.6	19.2	80.4	17.662	15.5	0.0	0.0	0.0	
2	14.5	22.6	18.2	82.6	17.201	15.1	1.9	0.0	1.9	
3	15.0	22.4	18.0	82.8	16.984	14.9	2.9	0.0	2.9	6.4
4	16.0	22.4	18.9	85.8	18.717	16.4	19.4	3.7	23.1	7.2
5	15.3	22.0	18.3	88.0	18.361	16.1	5.5	2.7	8.2	
6	15.0	23.1	18.2	84.0	17.626	15.5	0.0	13.7	13.7	5.3
7	15.5	22.6	18.2	84.2	17.569	15.4	6.8	1.8	8.6	5.7
8	15.5	22.2	18.6	86.7	18.483	16.2	1.5	5.1	6.6	
9	15.5	22.4	18.6	82.0	17.309	15.2	0.0	4.9	4.9	0.4
10	15.5	23.2	18.3	80.5	16.671	14.5	16.4	3.1	19.5	
11	15.0	22.2	18.7	85.1	18.309	16.1	0.1	1.0	1.1	8.9
12	13.0	24.2	18.3	81.6	17.316	15.2	1.3	0.0	1.3	
13	15.0	23.2	18.1	87.1	18.529	16.3	16.0	0.3	16.3	5.8
14	13.0	23.2	18.5	85.0	17.635	15.4	0.0	1.0	1.0	7.7
15	16.0	25.2	20.0	82.0	18.957	16.7	0.0	4.3	4.3	8.2
16	14.5	24.2	17.4	79.1	15.875	13.9	17.0	0.0	17.0	6.2
17	13.0	22.2	18.6	77.6	16.185	14.0	0.0	29.8	29.8	5.4
18	14.4	23.2	18.5	81.3	16.931	14.8	0.0	1.0	1.0	3.6
19	14.5	24.2	18.5	83.8	17.955	15.8	11.2	11.7	22.9	4.6
20	15.0	23.2	19.3	84.0	18.578	16.3	0.0	0.0	0.0	5.8
21	15.4	23.2	18.0	84.2	17.648	15.5	1.9	0.0	1.9	5.0
22	13.6	23.2	17.7	83.7	17.107	15.1	0.2	0.0	0.2	5.5
23	14.3	24.2	17.8	85.5	17.743	15.6	28.6	7.9	36.5	7.2
24	14.0	24.2	18.1	80.0	16.475	14.3	1.0	0.0	1.0	5.6
25	14.0	24.4	18.6	84.8	17.901	15.7	0.0	0.0	0.0	7.1
26	13.0	23.2	18.9	79.5	17.115	15.0	0.0	2.1	2.1	8.7
27	15.0	20.2	17.3	88.4	17.464	15.4	18.3	22.4	40.7	0.0
28	14.1	22.2	18.3	81.2	16.641	14.6	0.0	0.0	0.0	3.2
29	15.4	22.6	17.9	79.7	16.271	14.2	1.0	10.0	11.0	2.4
30	14.7	23.8	19.5	75.2	16.474	14.4	0.0	0.0	0.0	8.2
31	14.0	25.2	20.0	78.7	17.739	15.5	0.0	0.0	0.0	7.8
PROM	14.6	23.1	18.5	82.7	17.466	15.3	151.0	126.5	277.5	

ESTACION: MANUEL MEJIA MUNICIPIO TAMBO AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.3	23.2	18.3	12.6	25.5	83.5	17.493	15.4	296.7	20	
FEBRERO	15.0	22.2	18.2	14.0	24.5	84.1	17.481	15.3	113.4	24	
MARZO	14.8	22.5	18.3	13.4	24.8	82.6	17.188	15.1	198.6	15	
ABRIL	15.0	22.9	18.5	14.0	26.7	82.5	17.386	15.2	156.8	22	
MAYO									271.2	22	135.3
JUNIO									23.4	6	
JULIO									66.4	6	
AGOSTO	13.8	25.0	20.0	10.4	27.1	51.1	11.536	8.9	4.0	3	194.0
SEPTIEMBRE	13.6	24.1	18.8	10.5	27.2	70.2	14.730	12.5	198.7	14	153.5
OCTUBRE	14.3	22.8	17.9	12.3	25.0	82.8	16.797	14.7	246.6	22	
NOVIEMBRE	14.7	23.5	18.4	12.5	25.5	81.2	17.066	15.0	338.7	21	178.0
DICIEMBRE	14.6	23.1	18.5	13.0	25.2	82.7	17.466	15.3	277.5	25	
PROMEDIO											
TOTAL									2192.0	200	

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.982

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	14.0	27.0	19.0	83.9	18.349	16.1	0.0	0.0	0.0	
2	15.5	28.0	19.6	73.8	16.418	14.3	0.0	0.0	0.0	5.6
3	14.5	26.5	19.8	83.3	19.279	16.8	0.0	0.0	0.0	8.2
4	15.4	28.0	20.4	84.0	19.945	17.4	0.0	0.0	0.0	7.5
5	15.5	26.5	20.6	86.7	20.759	18.1	0.0	0.0	0.0	6.5
6	14.0	27.5	19.6	81.0	18.204	16.0	0.0	0.0	0.0	
7	12.6	28.0	20.0	78.5	17.798	15.6	0.0	0.0	0.0	
8	13.6	28.0	19.8	83.7	19.010	16.6	0.0	0.0	0.0	9.2
9	13.0	28.0	20.9	72.7	17.244	15.1	0.0	0.0	0.0	9.4
10	13.0	29.0	21.3	77.5	18.644	16.2	0.0	0.0	0.0	9.4
11	14.6	28.6	21.8	68.4	16.931	14.8	0.0	0.0	0.0	8.8
12	14.0	29.0	21.8	83.1	20.963	18.1	0.0	0.0	0.0	
13	15.0	29.5	21.0	75.5	18.387	16.2	0.0	0.0	0.0	8.5
14	10.8	29.0	19.4	76.7	16.737	14.5	0.0	0.0	0.0	8.3
15	14.5	29.3	21.9	81.7	20.828	18.0	0.0	0.0	0.0	10.1
16	13.5	28.8	21.2	80.2	19.287	16.6	0.0	0.0	0.0	8.5
17	13.0	29.3	21.2	78.3	18.785	16.2	0.0	0.0	0.0	9.5
18	10.5	30.5	19.7	72.5	16.002	13.9	0.0	0.0	0.0	9.8
19	11.5	28.6	20.3	76.7	17.590	15.3	0.0	0.0	0.0	9.1
20	12.0	29.8	20.3	74.7	17.140	15.0	0.0	0.0	0.0	
21	10.0	28.8	20.7	72.9	16.722	14.7	0.0	0.0	0.0	
22	10.6	30.0	19.9	69.5	14.715	12.6	0.0	0.0	0.0	9.2
23	10.5	28.5	21.1	79.3	19.080	16.4	0.0	0.0	0.0	9.4
24	11.8	29.8	20.1	77.5	18.320	16.0	0.0	0.0	0.0	9.6
25	12.0	30.0	21.1	71.6	16.503	14.4	0.0	0.0	0.0	8.5
26	11.0	29.0	20.4	77.7	17.710	15.3	0.0	0.0	0.0	9.2
27	13.0	29.0	20.7	79.9	18.635	16.3	0.0	0.0	0.0	6.8
28	13.0	28.0	20.9	78.1	18.332	15.9	0.0	0.0	0.0	6.9
29	14.0	29.0	20.9	77.1	18.269	16.0	0.0	0.0	0.0	6.9
30	13.5	28.0	19.0	82.0	17.986	15.8	0.0	0.0	0.0	4.7
31	14.5	28.1	22.4	76.8	19.831	17.3	0.0	0.0	0.0	3.2
PROM.	13.0	28.6	20.5	77.9	18.207	15.9	0.0	0.0	0.0	5.5

M E S – FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.3	28.6	21.2	75.7	18.715	16.4	0.0	0.0	0.0	6.3
2	13.5	30.4	20.8	71.6	16.811	14.8	0.0	0.0	0.0	8.8
3	13.5	30.0	21.6	68.1	17.107	15.0	0.0	0.0	0.0	7.0
4	15.0	30.0	20.2	78.9	18.480	16.2	3.8	0.0	3.8	5.8
5	15.5	30.0	20.4	82.3	19.617	17.2	0.5	0.0	0.5	6.1
6	14.5	30.4	21.1	82.7	20.353	17.7	0.4	0.0	0.4	6.8
7	14.5	30.0	20.5	82.5	19.790	17.3	0.3	0.0	0.3	6.4
8	13.0	30.0	20.4	79.7	18.719	16.4	0.0	0.0	0.0	7.0
9	13.0	30.0	20.8	77.7	18.673	16.3	0.4	0.0	0.4	7.7
10	16.0	29.5	20.2	82.1	19.543	17.1	5.4	0.0	5.4	5.0
11	16.3	29.6	21.3	81.8	20.678	18.0	0.0	0.0	0.0	7.6
12	15.3	30.0	21.4	77.0	19.423	17.0	0.0	0.0	0.0	6.2
13	14.5	29.0	20.4	81.2	18.978	16.6	0.5	0.0	0.5	9.8
14	14.0	29.7	22.0	72.7	18.438	16.2	0.0	0.0	0.0	7.4
15	13.5	30.5	21.1	80.7	19.624	17.1	0.0	0.0	0.0	6.0
16	14.0	27.5	19.6	82.4	18.420	16.1	2.8	0.0	2.8	5.3
17	15.5	28.5	20.6	79.2	18.744	16.4	0.4	18.3	18.7	5.6
18	17.0	26.0	19.3	90.6	20.657	18.0	11.4	0.0	11.4	6.0
19	16.0	26.3	19.8	82.4	18.860	16.6	0.0	0.0	0.0	4.0
20	17.4	25.6	20.1	81.0	18.802	16.5	0.0	0.0	0.0	5.6
21	16.0	27.0	20.6	80.6	18.956	16.6	0.0	0.0	0.0	5.8
22	16.0	26.5	21.1	80.3	19.669	17.2	0.0	0.0	0.0	7.1
23	16.5	28.5	22.5	74.1	20.111	17.6	0.0	0.0	0.0	5.7
24	14.5	28.3	21.3	72.2	17.460	15.4	0.0	0.0	0.0	8.7
25	14.5	28.5	20.8	77.8	18.623	16.4	0.0	0.0	0.0	9.3
26	14.0	29.5	21.3	75.9	18.676	16.4	0.0	0.0	0.0	7.2
27	14.5	28.5	20.3	80.2	18.606	16.3	0.0	0.0	0.0	7.6
28	14.3	30.3	23.5	75.5	21.332	18.6	0.0	0.0	0.0	8.2
PROM	15.0	28.9	20.9	78.8	19.067	16.7	25.9	18.3	44.2	190.0

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.982

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	14.0	29.0	20.8	65.1	15.168	13.2	0.0	0.0	0.0	7.3
2	14.0	28.5	20.9	72.1	17.112	15.0	0.0	0.0	0.0	7.4
3	14.5	29.0	21.8	68.9	17.512	15.4	0.0	0.0	0.0	9.3
4	13.5	29.0	21.7	60.7	14.704	12.6	0.0	0.0	0.0	8.9
5	14.0	29.5	21.4	73.3	17.935	15.7	0.0	0.0	0.0	7.3
6	14.0	30.8	23.8	75.6	21.236	18.4	0.0	0.0	0.0	0.2
7	13.0	30.9	23.3	65.9	17.194	15.1	0.0	0.0	0.0	9.2
8	16.5	29.0	22.2	72.3	18.684	16.4	0.0	0.0	0.0	6.9
9	15.5	30.0	22.6	75.0	19.321	16.7	0.0	0.0	0.0	0.4
10	13.5	30.6	23.1	66.2	16.643	14.3	0.0	0.0	0.0	9.1
11	13.8	30.0	22.7	72.6	18.569	16.2	0.0	0.0	0.0	3.6
12	14.3	30.0	23.1	72.9	19.178	16.7	0.0	0.0	0.0	5.7
13	16.0	30.6	22.4	78.3	20.449	17.8	2.7	0.0	2.7	6.0
14	16.1	30.5	22.6	77.4	20.375	17.8	0.0	0.0	0.0	6.6
15	15.5	30.0	21.3	67.5	16.445	14.4	0.0	0.0	0.0	6.9
16	14.5	30.5	22.5	60.6	15.484	13.5	0.0	0.0	0.0	7.1
17	13.0	30.3	21.9	65.9	15.918	13.9	0.0	0.0	0.0	8.7
18	13.5	30.6	22.5	65.3	16.206	14.1	0.0	0.0	0.0	8.7
19	14.4	30.5	23.8	67.1	18.719	16.2	0.0	0.0	0.0	8.4
20	14.6	30.5	22.5	66.6	17.185	15.1	0.0	0.0	0.0	7.1
21	14.0	30.9	23.3	64.3	16.627	14.6	0.0	0.0	0.0	9.4
22	14.0	31.0	23.3	66.7	17.603	15.4	0.0	0.0	0.0	9.4
23	16.5	30.8	23.4	82.8	23.825	20.2	4.3	0.0	4.3	6.2
24	16.6	27.0	21.3	85.0	21.303	18.5	1.6	0.0	1.6	2.8
25	16.6	29.3	21.7	82.0	21.732	18.8	1.5	0.0	1.5	5.3
26	14.0	29.3	22.0	80.3	20.920	18.2	0.0	0.0	0.0	3.9
27	16.0	29.3	22.2	77.4	20.368	17.8	0.0	0.0	0.0	8.4
28	16.3	28.0	22.2	78.2	20.632	18.0	0.0	0.0	0.0	2.7
29	15.5	30.0	23.0	72.9	19.343	17.0	0.0	0.0	0.0	5.4
30	17.0	29.3	22.9	72.8	19.825	17.3	0.0	0.0	0.0	5.6
31	15.6	30.5	23.4	75.3	20.736	18.0	0.0	0.0	0.0	5.8
PROM.	14.8	29.8	22.4	71.8	18.611	16.2	10.1	0.0	10.1	199.7

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	30.6	23.1	76.2	20.785	18.0	0.0	0.0	0.0	5.8
2	16.6	30.6	23.7	77.8	21.936	18.9	0.3	0.0	0.3	6.3
3	17.3	30.5	22.3	80.5	21.232	18.4	16.2	0.1	16.3	5.0
4	17.3	29.5	22.8	77.6	21.013	18.2	0.0	0.0	0.0	5.6
5	17.4	27.5	21.0	84.7	20.959	18.2	0.0	0.0	0.0	4.1
6	17.1	26.0	21.0	87.0	21.586	18.7	4.6	0.0	4.6	3.3
7	15.0	24.5	20.2	89.8	21.370	18.5	4.5	0.0	4.5	0.2
8	15.0	25.5	19.7	86.1	19.814	17.3	0.0	0.0	0.0	2.7
9	17.6	27.5	22.2	83.6	22.408	19.3	3.2	41.3	44.5	3.8
10	16.5	29.5	21.8	81.6	20.848	18.1	0.2	10.0	10.2	6.8
11	17.5	28.3	23.3	79.6	22.509	19.3	0.0	0.0	0.0	5.1
12	17.5	25.5	20.3	85.4	20.985	18.2	0.3	1.3	1.6	2.0
13	16.5	25.5	20.2	84.7	20.377	17.8	1.5	0.0	1.5	1.9
14	14.6	25.5	19.7	94.0	21.734	18.8	12.6	0.0	12.6	1.6
15	14.0	27.0	20.6	85.5	20.834	18.1	0.0	0.0	0.0	5.3
16	14.6	26.5	21.9	80.0	20.558	17.8	0.2	0.0	0.2	3.5
17	17.5	27.0	21.3	84.0	21.191	18.4	0.0	0.0	0.0	4.4
18	17.4	25.5	21.2	80.3	20.103	17.5	0.0	0.0	0.0	3.9
19	16.6	27.5	21.0	80.6	19.791	17.3	0.0	0.0	0.0	3.6
20	15.0	27.3	21.0	80.7	19.800	17.3	0.0	0.0	0.0	5.2
21	15.5	28.0	21.5	77.9	19.784	17.3	0.0	0.0	0.0	6.6
22	16.4	28.0	21.7	79.1	20.642	18.0	0.0	0.0	0.0	5.1
23	16.8	29.3	21.5	79.9	20.417	17.8	0.0	0.0	0.0	5.8
24	17.0	27.6	22.6	75.3	20.279	17.7	0.0	0.0	0.0	3.5
25	15.6	29.9	23.2	73.5	20.292	17.7	0.0	0.0	0.0	8.2
26	16.5	30.5	23.2	68.6	19.435	17.0	0.0	7.0	7.0	5.7
27	17.6	27.0	21.3	86.3	22.402	19.3	0.0	25.0	25.0	0.7
28	16.0	24.1	19.1	89.8	20.680	18.0	0.0	16.0	16.0	0.2
29	14.6	25.5	20.6	86.2	20.837	18.1	0.0	7.0	7.0	3.0
30	17.6	26.3	20.9	82.4	20.518	17.9	0.0	0.0	0.0	2.4
PROM	16.3	27.5	21.5	82.0	20.837	18.1	43.6	107.7	151.3	121.3

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.982

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	25.3	21.0	85.1	21.420	18.6	25.0	12.0	37.0	2.6
2	16.0	26.3	20.9	86.6	21.612	18.7	0.0	26.0	26.0	5.8
3	17.5	25.0	20.9	84.7	21.048	18.3	8.7	0.3	9.0	3.4
4	15.5	28.5	21.2	82.4	20.788	18.0	11.1	2.1	13.2	3.2
5	17.5	26.5	21.4	87.3	22.383	19.3	2.0	0.0	2.0	2.7
6	17.3	26.2	21.7	84.5	21.854	18.9	0.2	0.0	0.2	2.5
7	16.6	28.0	22.2	81.4	21.654	18.7	0.0	0.0	0.0	6.6
8	18.6	27.5	22.2	80.2	21.709	18.8	0.0	2.0	2.0	4.0
9	18.0	29.0	22.8	79.4	21.691	18.8	0.0	28.0	28.0	4.1
10	18.0	27.0	21.1	85.3	21.769	18.8	12.3	0.0	12.3	5.0
11	15.0	27.5	21.9	83.7	21.699	18.7	0.0	6.4	6.4	8.5
12	16.8	25.0	21.5	89.0	22.662	19.5	0.0	0.0	0.0	2.8
13	15.6	28.0	21.3	83.4	20.801	18.1	4.2	0.2	4.4	7.8
14	17.0	23.0	19.1	92.4	20.723	18.1	43.0	0.0	43.0	0.2
15	15.3	27.5	20.1	88.1	21.022	18.2	11.2	0.0	11.2	5.5
16	17.0	27.0	20.8	86.7	21.009	18.2	0.2	0.3	0.5	1.2
17	16.8	27.5	22.1	83.0	21.803	18.8	0.0	0.0	0.0	5.5
18	16.0	28.0	21.9	85.1	22.312	19.2	10.8	2.6	13.4	6.4
19	17.5	27.5	21.3	86.1	22.279	19.2	44.2	1.1	45.3	4.5
20	17.5	26.5	20.0	88.6	21.297	18.5	0.8	11.5	12.3	2.8
21	16.5	25.8	21.1	85.9	21.439	18.5	4.8	0.6	5.4	2.9
22	16.6	23.0	19.9	90.8	21.001	18.3	0.0	14.4	14.4	0.0
23	17.3	27.5	21.0	83.6	20.729	18.1	2.1	0.0	2.1	3.6
24	15.0	27.5	19.3	85.4	19.510	17.1	86.2	4.6	90.8	9.0
25	15.5	24.6	20.1	87.3	20.602	18.0	0.0	0.0	0.0	0.0
26	16.5	26.0	21.5	85.9	21.844	18.9	0.7	28.0	28.7	2.6
27	17.0	25.5	21.1	87.7	21.938	19.0	7.2	8.2	15.4	4.4
28	17.0	28.4	21.0	85.6	21.775	18.8	39.5	3.7	43.2	5.6
29	16.6	26.5	21.5	85.4	21.840	18.9	0.0	0.0	0.0	2.9
30	18.0	24.5	20.1	82.1	19.180	16.7	0.0	0.0	0.0	0.0
31	15.5	27.6	21.2	83.1	21.195	18.4	35.9	0.0	35.9	5.4
PROM.	16.7	26.6	21.1	85.3	21.374	18.5	350.1	152.0	502.1	121.5

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	25.5	21.4	85.9	21.706	18.8	0.0	0.0	0.0	1.8
2	15.6	28.5	20.9	84.1	21.265	18.4	35.1	0.1	35.2	5.9
3	15.5	27.5	20.7	87.6	22.094	18.9	21.4	0.0	21.4	6.2
4	15.0	27.1	20.7	82.9	20.833	17.8	0.0	0.0	0.0	5.7
5	16.8	26.2	20.8	81.9	20.355	17.7	0.5	6.6	7.1	6.0
6	17.2	26.0	22.6	82.2	22.574	19.3	0.0	0.0	0.0	5.9
7	16.5	28.0	20.6	85.0	21.390	18.5	36.7	2.8	39.5	6.9
8	17.5	26.0	21.5	85.6	22.249	19.2	0.0	0.0	0.0	6.9
9	16.0	27.0	21.6	85.0	22.422	19.3	0.7	3.4	4.1	0.0
10	16.0	28.0	21.6	82.3	20.970	18.2	0.0	0.0	0.0	2.9
11	16.0	26.5	21.3	85.4	21.543	18.6	0.0	0.0	0.0	6.6
12	16.8	25.0	21.2	93.5	23.793	20.2	0.0	0.0	0.0	1.2
13	17.0	27.8	21.4	86.6	22.229	19.1	3.4	0.0	3.4	8.2
14	16.0	28.0	21.2	82.9	20.816	18.1	4.0	20.8	24.8	8.4
15	15.8	26.8	21.5	86.8	21.713	18.7	0.0	0.0	0.0	5.7
16	16.0	28.3	21.9	81.0	20.764	18.0	3.8	32.0	35.8	6.6
17	15.3	25.6	20.5	90.7	21.622	18.6	6.3	1.1	7.4	4.4
18	18.0	27.6	22.1	88.1	23.801	20.2	0.3	0.2	0.5	7.3
19	15.5	28.0	21.1	80.8	19.919	17.4	0.0	0.0	0.0	8.8
20	16.9	28.6	21.4	81.9	21.198	18.4	12.4	1.0	13.4	5.6
21	17.0	26.3	21.0	86.2	21.457	18.6	0.0	0.2	0.2	4.5
22	17.0	26.0	21.7	82.8	21.478	18.6	0.0	0.0	0.0	6.3
23	15.0	27.0	20.8	80.3	19.974	17.4	0.0	0.0	0.0	6.3
24	15.5	26.5	21.2	88.2	22.145	19.1	0.0	0.0	0.0	2.3
25	17.0	27.0	21.6	83.7	21.560	18.7	0.0	0.0	0.0	6.2
26	15.0	26.5	22.0	82.7	21.285	18.4	0.0	0.0	0.0	8.2
27	16.0	27.0	22.0	71.3	18.537	16.2	0.0	0.0	0.0	8.1
28	16.0	27.9	21.7	75.0	19.748	17.2	0.0	0.0	0.0	8.7
29	14.0	27.0	21.5	75.2	18.557	16.3	0.0	0.0	0.0	9.7
30	16.0	30.2	23.4	77.6	22.073	19.0	0.0	0.0	0.0	8.0
PROM	16.1	27.1	21.4	83.4	21.336	18.4	124.6	68.2	192.8	179.3

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.982

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	17.0	29.8	22.4	81.2	21.669	18.8	0.0	0.0	0.0	8.0
2	17.5	27.5	22.2	77.6	20.580	17.9	0.0	0.0	0.0	7.3
3	16.5	26.8	21.1	86.6	22.000	19.0	0.0	0.0	0.0	3.1
4	16.5	28.6	22.0	71.3	18.200	16.0	0.0	0.0	0.0	8.0
5	14.5	28.0	21.7	79.9	20.377	17.8	0.0	0.0	0.0	7.4
6	16.8	28.5	21.7	79.9	20.710	18.0	0.0	0.0	0.0	7.0
7	16.3	27.5	22.0	80.1	20.921	18.2	0.0	0.0	0.0	5.7
8	16.5	28.5	21.5	69.8	17.252	15.1	0.0	0.0	0.0	7.4
9	14.0	28.0	21.6	78.8	19.598	17.1	0.0	0.0	0.0	7.1
10	16.0	28.0	22.5	78.6	21.113	18.3	0.0	0.0	0.0	9.0
11	16.5	27.5	22.3	79.8	21.304	18.5	0.0	0.0	0.0	4.5
12	16.3	27.2	21.7	82.7	21.317	18.5	0.0	0.0	0.0	3.2
13	17.4	26.0	21.8	86.1	22.183	19.1	0.0	2.6	2.6	0.6
14	16.5	29.2	21.6	77.6	19.545	17.1	0.0	0.0	0.0	2.5
15	15.0	29.5	23.1	74.1	20.175	17.6	0.0	0.0	0.0	6.9
16	15.5	29.8	22.6	75.3	20.454	17.9	0.0	0.0	0.0	7.0
17	15.0	30.0	23.4	71.8	19.536	17.1	0.0	0.0	0.0	7.9
18	17.3	29.8	23.1	81.6	22.843	19.6	0.0	0.0	0.0	6.3
19	16.0	27.2	19.4	79.6	18.836	16.5	0.1	50.0	50.1	2.4
20	15.5	27.3	21.8	75.0	19.033	16.7	0.0	0.0	0.0	6.0
21	14.5	27.0	20.8	83.7	20.214	17.6	0.0	0.0	0.0	8.0
22	15.8	28.3	21.7	80.4	20.421	17.8	0.0	0.0	0.0	6.6
23	16.5	28.0	21.7	82.8	21.148	18.4	0.0	0.0	0.0	6.4
24	15.0	28.8	21.4	78.7	19.505	17.1	0.0	0.0	0.0	9.4
25	15.5	27.5	21.8	79.6	20.390	17.8	0.0	0.5	0.5	7.1
26	17.0	27.5	21.9	80.7	20.776	18.1	0.0	0.0	0.0	5.5
27	15.5	25.0	21.9	86.7	22.516	19.4	0.0	0.0	0.0	2.1
28	17.2	26.2	21.9	82.1	21.197	18.4	0.0	0.0	0.0	4.0
29	15.0	28.0	21.9	78.0	19.804	17.3	0.0	23.6	23.6	8.2
30	16.6	27.0	21.9	84.2	21.852	18.9	0.0	0.0	0.0	8.1
31	16.8	30.0	23.5	65.7	18.839	16.4	0.0	0.0	0.0	10.1
PROM.	16.1	28.0	21.9	79.0	20.462	17.8	0.1	76.7	76.8	192.8

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	29.0	20.9	73.6	17.701	15.5	0.0	0.0	0.0	8.9
2	15.6	28.5	21.7	79.7	20.371	17.8	1.9	5.9	7.8	7.8
3	17.0	29.0	23.1	76.7	21.256	18.5	0.0	0.5	0.5	6.8
4	16.5	29.0	21.9	77.7	19.871	17.4	0.0	0.0	0.0	9.5
5	16.0	29.0	22.3	77.5	20.514	17.9	0.0	0.0	0.0	8.1
6	16.5	27.2	22.0	82.7	21.534	18.6	0.0	0.0	0.0	5.2
7	17.0	25.5	21.7	84.2	21.642	18.7	0.0	29.2	29.2	4.5
8	18.0	26.3	20.1	91.4	22.310	19.2	29.0	0.1	29.1	5.7
9	14.0	27.3	20.8	73.8	17.208	15.1	0.0	0.0	0.0	9.2
10	13.0	29.5	20.9	74.1	17.461	15.3	0.0	0.0	0.0	9.4
11	14.8	28.5	22.5	75.4	19.875	17.3	0.0	0.5	0.5	9.4
12	16.0	29.0	21.2	80.0	19.919	17.4	0.0	0.0	0.0	6.3
13	15.5	29.5	21.0	77.6	18.999	16.7	0.0	0.0	0.0	5.3
14	16.0	29.5	21.6	78.0	19.871	17.4	0.0	0.0	0.0	6.4
15	16.4	28.3	21.5	83.8	21.689	18.8	11.6	0.2	11.8	7.2
16	16.0	28.8	21.1	80.5	19.866	17.4	0.0	0.0	0.0	7.0
17	16.0	29.0	21.1	83.3	20.937	18.2	7.8	0.0	7.8	6.9
18	15.5	29.5	22.3	77.3	20.128	17.6	0.0	0.0	0.0	6.9
19	15.3	28.8	21.9	79.4	20.466	17.8	0.0	0.0	0.0	8.8
20	17.0	28.5	21.4	76.3	19.130	16.7	0.0	0.0	0.0	6.7
21	15.0	27.0	21.6	82.1	20.402	17.7	0.0	0.0	0.0	3.9
22	15.0	29.9	22.0	74.6	19.855	17.4	0.0	0.0	0.0	1.5
23	15.0	31.0	22.9	77.8	20.895	18.1	0.1	5.8	5.9	7.7
24	15.6	29.5	21.9	83.1	21.720	18.7	0.0	0.0	0.0	6.6
25	16.5	29.6	22.2	79.7	21.283	18.5	18.9	3.2	22.1	3.8
26	12.5	29.2	20.1	74.5	16.957	14.9	0.0	0.0	0.0	10.3
27	13.6	30.0	22.8	72.8	19.343	16.9	0.0	0.0	0.0	7.2
28	17.5	29.6	22.1	83.3	22.184	19.1	0.0	0.0	0.0	3.9
29	16.0	29.0	21.8	83.2	21.657	18.7	0.0	0.0	0.0	6.6
30	16.0	28.3	22.6	79.8	21.169	18.3	0.0	0.0	0.0	6.5
31	16.0	30.0	22.4	78.0	20.773	18.1	0.0	30.4	30.4	4.9
PROM	15.6	28.8	21.7	79.1	20.225	17.6	69.3	75.8	145.1	208.9

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.982

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	16.0	27.0	22.3	82.0	21.419	18.5	0.0	0.0	0.0	6.4
2	16.3	28.3	22.1	79.4	20.780	18.1	0.0	0.0	0.0	7.2
3	17.0	28.3	21.1	83.5	20.678	18.0	3.5	16.2	19.7	4.9
4	15.0	27.3	21.2	81.1	20.156	17.6	0.0	13.0	13.0	6.8
5	15.5	28.2	21.9	84.6	22.130	19.1	0.0	0.0	0.0	6.6
6	16.5	29.0	21.8	82.6	21.435	18.6	0.0	0.0	0.0	6.0
7	16.3	30.0	21.6	80.0	20.501	17.9	0.0	0.0	0.0	5.8
8	16.5	29.2	23.3	79.0	22.056	19.0	0.0	0.1	0.1	6.1
9	16.0	28.2	19.5	85.3	19.800	17.3	23.3	0.0	23.3	5.2
10	17.0	27.5	20.7	85.6	21.002	18.2	1.9	0.0	1.9	8.0
11	18.0	26.5	20.3	91.7	21.813	18.9	5.9	0.6	6.5	1.7
12	18.4	28.5	22.6	81.8	22.255	19.2	0.0	9.9	9.9	9.2
13	17.0	29.0	22.4	84.4	23.163	19.8	0.2	0.0	0.2	6.8
14	16.5	27.6	21.5	82.3	21.133	18.3	7.5	0.3	7.8	8.3
15	16.0	25.0	20.4	95.0	23.057	19.7	22.9	7.2	30.1	2.0
16	16.5	26.0	21.2	89.3	22.675	19.5	0.0	5.2	5.2	2.4
17	17.0	25.0	19.3	93.6	21.167	18.4	0.0	0.0	0.0	2.9
18	15.0	26.5	21.3	86.3	21.596	18.6	23.2	0.0	23.2	7.0
19	15.6	27.4	21.9	82.8	21.276	18.4	0.0	0.0	0.0	6.5
20	17.4	27.5	20.8	85.8	21.483	18.6	0.0	0.0	0.0	5.4
21	15.0	27.0	21.6	86.4	21.925	18.9	0.0	0.0	0.0	7.5
22	15.0	28.0	20.3	85.0	20.658	17.9	16.3	0.7	17.0	7.1
23	17.0	26.0	20.8	88.4	22.011	19.0	27.5	0.0	27.5	6.0
24	17.3	24.5	19.9	93.2	21.767	18.8	12.6	0.4	13.0	2.4
25	17.0	25.4	20.6	84.2	20.355	17.8	2.6	9.2	11.8	3.6
26	17.0	26.2	20.9	86.3	21.426	18.6	0.0	0.0	0.0	6.0
27	14.0	27.5	20.0	84.7	19.628	17.2	43.9	0.0	43.9	6.4
28	14.6	25.0	19.3	90.2	20.556	17.8	21.9	3.8	25.7	4.4
29	14.5	26.3	21.0	84.2	20.438	17.7	0.0	0.3	0.3	4.6
30	17.6	28.6	22.1	77.5	20.334	17.7	0.0	0.0	0.0	5.1
PROM.	16.3	27.2	21.1	85.2	21.289	18.4	213.2	66.9	280.1	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	17.6	24.5	19.9	91.4	21.291	18.5	0.0	0.0	0.0	5.9
2	16.0	27.0	19.4	84.3	19.279	16.9	0.0	0.0	0.0	4.7
3	15.0	27.3	21.0	85.7	21.574	18.7	0.0	0.0	0.0	7.8
4	15.9	26.8	20.8	85.5	21.069	18.3	0.0	0.0	0.0	7.5
5	14.0	27.3	21.6	85.2	21.891	18.8	0.0	0.0	0.0	5.8
6	16.0	28.0	21.3	80.7	20.067	17.5	0.0	0.0	0.0	8.7
7	14.5	27.3	21.0	84.4	20.959	18.2	8.6	12.3	20.9	3.3
8	17.0	25.1	21.2	85.8	21.944	19.0	0.3	1.0	1.3	1.7
9	16.6	26.0	20.7	86.8	21.592	18.7	10.7	0.3	11.0	2.8
10	17.6	26.5	20.6	85.0	20.690	18.0	8.5	0.0	8.5	4.5
11	15.4	27.0	21.6	86.1	22.109	19.1	0.0	0.0	0.0	6.9
12	15.0	28.0	20.4	84.2	20.618	18.0	52.1	3.4	55.5	3.8
13	15.6	28.0	21.2	85.7	21.839	18.9	0.0	0.0	0.0	4.1
14	16.3	27.9	21.5	86.7	22.349	19.2	0.0	0.0	0.0	6.9
15	15.5	27.6	21.9	84.3	21.990	19.0	0.0	0.0	0.0	6.6
16	17.3	27.0	21.2	85.0	21.447	18.6	1.0	0.0	1.0	3.7
17	17.0	27.3	21.7	84.7	21.944	18.9	0.0	0.0	0.0	5.3
18	16.5	27.0	19.7	88.8	20.887	18.2	0.0	0.0	0.0	4.8
19	15.6	28.0	21.2	85.4	21.520	18.6	6.2	1.0	7.2	4.2
20	16.0	25.5	20.1	90.9	21.565	18.6	27.1	3.3	30.4	4.4
21	15.6	26.0	21.0	85.1	21.242	18.5	0.0	0.0	0.0	5.9
22	16.6	26.4	20.7	85.3	20.721	18.0	23.7	0.8	24.5	5.3
23	17.4	24.3	19.7	94.7	21.824	18.8	0.3	0.3	0.6	7.0
24	15.0	26.0	21.8	84.0	21.915	19.0	0.0	0.0	0.0	7.9
25	15.9	28.0	21.6	81.4	20.473	17.8	0.0	12.1	12.1	8.3
26	16.5	25.8	20.2	87.3	20.963	18.2	0.0	0.8	0.8	8.1
27	15.6	27.0	20.1	88.3	20.739	18.1	0.8	0.5	1.3	3.3
28	15.0	26.0	20.0	82.1	19.572	17.1	0.0	0.0	0.0	5.1
29	14.0	28.0	20.7	83.8	20.451	17.8	0.4	0.0	0.4	4.5
30	13.6	28.0	21.3	83.9	21.597	18.7	0.0	0.0	0.0	7.1
31	14.4	28.0	22.2	81.9	21.605	18.7	0.0	0.0	0.0	5.6
PROM	15.8	26.9	20.9	85.6	21.217	18.4	139.7	35.8	175.5	171.5

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.982

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

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	27.6	20.5	85.8	20.991	18.2	18.1	0.0	18.1	4.8
2	14.4	25.5	20.0	89.0	21.038	18.3	0.0	0.0	0.0	0.0
3	16.6	26.3	21.1	83.9	20.836	18.1	0.0	0.0	0.0	7.6
4	14.5	23.8	19.5	93.0	21.309	18.5	36.1	8.0	44.1	3.6
5	14.9	26.0	20.6	88.5	21.428	18.5	0.0	0.0	0.0	7.8
6	15.6	27.3	20.2	81.7	19.144	16.8	0.0	0.0	0.0	
7	14.5	28.3	22.2	84.3	22.389	19.3	0.0	0.0	0.0	8.7
8	15.5	28.8	22.0	84.2	22.058	19.0	0.0	0.0	0.0	8.8
9	14.5	29.5	22.1	84.6	22.285	19.1	0.0	0.0	0.0	8.0
10	15.5	28.8	22.1	86.0	22.331	19.2	0.0	0.0	0.0	5.0
11	17.0	25.0	20.8	87.5	21.553	18.7	0.0	0.0	0.0	0.0
12	16.0	27.3	20.8	87.3	21.807	18.9	0.0	0.0	0.0	2.6
13	14.4	28.0	21.0	80.4	20.125	17.6	0.0	0.0	0.0	9.2
14	14.0	29.0	22.5	77.4	20.396	17.7	0.0	0.0	0.0	9.4
15	13.5	29.6	21.8	81.0	20.819	18.0	0.0	0.0	0.0	9.0
16	14.6	29.0	20.6	84.3	20.490	17.8	0.0	0.0	0.0	7.7
17	14.6	29.0	21.3	84.6	21.443	18.6	10.4	1.9	12.3	7.5
18	14.5	28.0	20.7	84.4	20.497	17.8	0.4	0.0	0.4	6.3
19	14.0	28.5	20.9	83.5	20.314	17.6	0.0	5.0	5.0	7.3
20	15.5	25.3	21.4	84.1	21.102	18.3	0.2	0.0	0.2	1.2
21	14.8	26.4	20.0	86.1	20.285	17.7	3.6	0.0	3.6	7.7
22	14.5	26.3	20.5	86.1	20.598	17.9	1.2	0.0	1.2	
23	14.0	26.3	19.9	83.2	19.238	16.8	0.0	0.0	0.0	5.7
24	14.0	27.0	20.1	86.0	20.409	17.8	0.0	0.0	0.0	4.9
25	14.0	27.0	20.8	82.3	19.996	17.5	0.0	0.0	0.0	8.4
26	15.3	25.0	20.2	83.1	19.279	16.8	0.0	0.0	0.0	
27	13.6	26.3	19.8	81.7	18.403	16.1	0.0	0.0	0.0	6.4
28	13.6	26.0	19.6	83.0	18.806	16.5	2.9	0.0	2.9	
29	12.6	27.9	18.5	80.7	17.201	15.1	0.0	0.0	0.0	7.0
30	13.0	28.4	20.7	78.4	18.610	16.3	0.0	0.0	0.0	
PROM.	14.6	27.2	20.7	84.2	20.506	17.8	72.9	14.9	87.8	

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.6	28.8	20.9	82.0	20.301	17.6	0.0	0.0	0.0	9.3
2	14.6	28.8	21.3	81.4	20.453	17.7	0.0	0.0	0.0	6.8
3	14.6	28.8	19.6	82.3	18.649	16.4	0.5	0.0	0.5	7.4
4	14.0	28.3	19.9	79.3	18.168	16.0	0.0	0.0	0.0	8.1
5	14.0	28.3	20.5	80.5	19.414	17.0	0.0	0.0	0.0	
6	14.5	27.8	21.2	76.1	18.491	16.2	0.0	0.0	0.0	5.2
7	14.5	28.8	22.5	78.7	20.812	18.1	0.0	0.0	0.0	8.7
8	14.0	27.0	21.6	82.7	21.215	18.4	0.0	0.0	0.0	
9	15.5	26.5	19.9	91.5	21.856	18.7	0.0	0.0	0.0	
10	14.9	27.3	22.0	85.1	22.437	19.3	0.0	0.0	0.0	4.8
11	14.5	28.6	20.5	85.1	20.644	18.0	0.0	0.0	0.0	5.0
12	14.5	29.4	21.9	80.8	20.671	18.0	0.0	0.0	0.0	
13	15.5	31.0	21.9	77.2	19.867	17.3	0.0	0.0	0.0	8.8
14	14.4	30.5	21.1	77.8	19.249	16.9	0.0	0.0	0.0	9.2
15	14.5	30.3	21.8	75.6	19.479	17.1	0.0	0.0	0.0	6.8
16	14.0	29.5	22.5	78.6	20.408	17.6	0.0	0.0	0.0	8.6
17	14.5	28.4	21.0	81.3	19.918	17.4	7.4	0.0	7.4	6.0
18	17.0	26.8	20.4	84.8	20.563	17.9	0.0	0.0	0.0	4.9
19	14.5	27.8	20.7	83.4	19.989	17.4	0.0	0.0	0.0	7.2
20	14.5	28.5	21.1	79.4	19.972	17.5	0.0	0.0	0.0	7.4
21	14.5	28.0	21.1	82.8	21.187	18.4	0.0	0.0	0.0	
22	14.5	28.6	20.2	84.7	20.448	17.8	0.0	0.0	0.0	6.6
23	14.5	29.6	21.5	79.4	20.272	17.7	0.0	0.0	0.0	9.2
24	14.0	29.9	21.0	78.7	18.961	16.6	0.0	0.0	0.0	8.5
25	14.7	28.9	21.5	78.9	20.867	18.1	0.0	0.0	0.0	6.2
26	13.6	29.5	20.9	79.1	19.103	16.7	0.0	0.0	0.0	8.1
27	13.6	29.1	19.9	76.7	17.424	15.3	1.1	0.3	1.4	7.6
28	12.6	27.5	20.1	82.3	18.945	16.6	0.0	0.0	0.0	5.0
29	14.4	28.0	19.3	78.9	17.438	15.3	0.0	0.0	0.0	6.3
30	13.6	29.5	21.7	78.8	20.272	17.7	0.0	0.0	0.0	5.9
31	13.5	30.6	23.5	74.9	20.810	17.9	0.0	0.0	0.0	9.3
PROM	14.4	28.7	21.1	80.6	19.945	17.4	9.0	0.3	9.3	

ESTACION: PUEBLO BELLO MUNICIPIO PUEBLO BELLO AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	13.0	28.6	20.5	10.0	30.5	77.9	18.207	15.9	0.0	0	
FEBRERO	15.0	28.9	20.9	13.0	30.5	78.8	19.067	16.7	44.2	10	190.0
MARZO	14.8	29.8	22.4	13.0	31.0	71.8	18.611	16.2	10.1	4	199.7
ABRIL	16.3	27.5	21.5	14.0	30.6	82.0	20.837	18.1	151.3	14	121.3
MAYO	16.7	26.6	21.1	15.0	29.0	85.3	21.374	18.5	502.1	25	121.5
JUNIO	16.1	27.1	21.4	14.0	30.2	83.4	21.336	18.4	192.8	12	179.3
JULIO	16.1	28.0	21.9	14.0	30.0	79.0	20.462	17.8	76.8	4	192.8
AGOSTO	15.6	28.8	21.7	12.5	31.0	79.1	20.225	17.6	145.1	10	208.9
SEPTIEMBRE	16.3	27.2	21.1	14.0	30.0	85.2	21.289	18.4	280.1	19	168.3
OCTUBRE	15.8	26.9	20.9	13.6	28.0	85.6	21.217	18.4	175.5	14	171.5
NOVIEMBRE	14.6	27.2	20.7	12.6	29.6	84.2	20.506	17.8	87.8	9	
DICIEMBRE	14.4	28.7	21.1	12.6	31.0	80.6	19.945	17.4	9.3	3	
PROMEDIO	15.4	27.9	21.3	13.2	30.1	81.1	20.256	17.6			
TOTAL									1675.1	124	

ESTACION: MONTELIBANO MUNICIPIO: YACOPI AÑO: 1.982

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

M E S - ENERO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	23.0	19.8	83.2	19.138	16.7	0.0	4.5	4.5	2.0
2	17.0	21.3	18.6	93.7	20.312	17.7	0.0	1.3	1.3	0.7
3	16.0	22.2	19.5	83.2	18.608	16.2	0.0	0.0	0.0	2.9
4	16.5	22.0	18.9	85.3	18.578	16.3	0.0	5.7	5.7	2.0
5	15.5	22.0	18.4	83.3	17.437	15.3	0.0	9.3	9.3	5.4
6	15.5	23.2	18.7	85.5	18.341	16.1	0.0	8.0	8.0	5.3
7	15.6	22.3	18.8	79.0	16.897	14.8	0.0	0.0	0.0	5.7
8	15.0	23.0	19.2	79.5	17.241	15.0	0.0	0.0	0.0	7.9
9	16.3	22.0	19.2	87.2	19.235	16.8	0.0	0.0	0.0	0.6
10	16.5	23.0	19.8	84.3	19.649	17.2	0.0	1.9	1.9	5.1
11	16.3	22.2	19.0	86.0	18.738	16.5	0.0	0.0	0.0	0.0
12	16.0	22.3	19.1	84.7	18.640	16.4	0.2	0.0	0.2	3.7
13	15.6	23.3	20.1	82.9	19.213	16.8	0.0	25.9	25.9	4.3
14	16.4	23.2	20.3	81.3	19.185	16.8	0.2	0.3	0.5	6.4
15	16.6	23.2	20.5	84.4	20.224	17.6	0.0	0.0	0.0	6.5
16	16.2	22.4	19.8	85.1	19.784	17.3	0.0	0.0	0.0	4.9
17	16.5	22.3	19.5	84.0	19.023	16.7	0.0	0.0	0.0	6.6
18	16.5	23.4	20.3	84.4	20.037	17.5	0.0	0.0	0.0	7.8
19	16.5	24.8	20.8	75.4	17.736	15.2	0.0	0.0	0.0	6.7
20	16.5	25.6	21.6	74.0	18.309	15.9	0.0	0.0	0.0	6.0
21	17.0	24.2	20.9	79.6	19.349	16.9	0.0	2.4	2.4	5.6
22	17.0	24.3	20.8	75.7	18.096	15.8	0.0	0.0	0.0	6.5
23	16.5	24.3	20.8	72.0	17.411	15.3	0.0	0.0	0.0	7.9
24	16.5	24.3	21.2	73.1	18.035	15.8	0.0	0.0	0.0	7.1
25	16.5	23.6	20.3	75.9	17.691	15.5	0.0	0.0	0.0	7.3
26	15.6	23.0	19.3	77.6	17.061	14.9	0.0	0.1	0.1	8.1
27	15.6	21.4	18.8	81.6	17.431	15.3	0.0	3.2	3.2	2.8
28	15.6	22.0	19.1	86.9	18.903	16.5	4.0	34.6	38.6	0.3
29	15.6	22.0	19.2	86.9	19.061	16.7	0.0	6.6	6.6	2.9
30	16.0	24.0	20.2	80.6	18.687	16.3	0.0	0.0	0.0	2.9
31	16.6	22.0	19.7	93.1	21.575	18.7	2.0	0.5	2.5	1.6
PROM.	16.2	23.0	19.7	82.2	18.698	16.3	6.4	104.3	110.7	143.5

M E S - FEBRERO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	22.6	19.2	81.6	18.343	16.1	0.0	0.3	0.3	4.7
2	17.0	22.3	18.9	83.7	18.248	16.0	0.0	0.0	0.0	1.3
3	17.0	24.0	20.5	83.9	20.058	17.5	0.0	10.8	10.8	2.8
4	18.0	23.1	20.1	85.8	20.067	17.5	0.3	19.9	20.2	3.5
5	16.3	24.1	19.5	82.0	18.480	16.2	7.6	0.0	7.6	2.9
6	17.0	24.0	19.1	85.9	19.282	16.9	15.5	10.0	25.5	3.4
7	16.0	24.8	20.7	81.1	19.338	16.9	0.0	0.2	0.2	3.8
8	16.0	22.6	18.9	81.5	17.612	15.4	0.0	38.6	38.6	5.2
9	14.4	22.0	18.3	88.7	18.644	16.3	0.0	0.0	0.0	3.9
10	16.3	22.2	19.3	91.3	20.477	17.9	0.0	27.0	27.0	1.2
11	16.0	22.0	18.9	93.7	20.345	17.7	5.0	2.5	7.5	1.8
12	17.0	23.0	19.8	85.0	19.510	17.1	1.6	11.6	13.2	3.4
13	16.3	23.3	19.5	87.5	19.787	17.3	0.0	0.0	0.0	2.7
14	16.4	24.0	19.6	84.7	19.461	17.1	0.0	1.1	1.1	2.0
15	17.0	20.8	18.8	92.6	20.330	17.8	9.0	0.0	9.0	0.0
16	16.4	23.3	19.5	88.0	19.853	17.4	0.0	19.2	19.2	6.4
17	15.5	22.2	19.2	84.5	18.613	16.3	0.0	0.0	0.0	9.3
18	16.0	23.0	19.5	80.5	18.032	15.8	0.0	0.0	0.0	3.7
19	16.2	22.6	19.3	82.5	18.406	16.2	0.0	0.0	0.0	1.2
20	16.6	21.6	18.9	85.0	18.737	16.5	0.3	10.0	10.3	1.0
21	15.6	22.4	19.1	85.2	18.615	16.3	0.0	0.0	0.0	4.8
22	16.1	22.4	19.2	82.7	18.306	16.1	0.0	0.0	0.0	2.2
23	17.0	22.0	19.7	87.5	19.957	17.4	0.0	1.0	1.0	2.0
24	16.6	23.6	20.1	86.8	20.203	17.6	0.0	0.0	0.0	2.3
25	16.8	24.2	20.3	84.8	20.139	17.6	0.0	5.7	5.7	2.4
26	16.6	24.1	20.9	85.8	21.027	18.3	0.6	0.4	1.0	3.1
27	17.5	24.1	20.8	84.1	20.589	17.9	0.0	4.6	4.6	3.7
28	17.0	24.0	20.3	85.5	20.338	17.8	0.1	11.4	11.5	3.1
PROM	16.5	23.0	19.6	85.4	19.386	17.0	40.0	174.3	214.3	87.8

ESTACION: MONTELIBANO MUNICIPIO: YACOPI AÑO: 1.982

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

M E S - MARZO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.2	22.6	20.0	87.8	20.357	17.7	0.5	8.2	8.7	3.0
2	15.5	24.4	19.3	79.2	17.431	15.3	0.0	3.5	3.5	7.9
3	15.5	23.6	19.4	81.9	18.242	16.0	0.0	0.0	0.0	6.5
4	15.6	23.7	20.0	76.7	17.843	15.6	0.0	2.9	2.9	5.5
5	15.0	23.6	19.5	82.6	18.392	16.1	4.3	5.2	9.5	4.8
6	16.0	23.0	19.7	87.3	20.078	17.5	0.5	0.0	0.5	3.9
7	16.0	24.0	20.0	79.8	18.341	16.0	0.0	0.2	0.2	5.0
8	16.4	22.6	18.9	83.9	18.031	15.8	0.6	0.0	0.6	5.2
9	17.0	24.3	20.5	81.3	19.338	16.9	0.0	0.0	0.0	3.4
10	17.5	24.3	20.6	79.3	18.871	16.5	0.0	1.2	1.2	5.2
11	17.5	24.0	20.5	80.5	19.134	16.8	0.0	5.0	5.0	3.2
12	17.0	22.0	19.7	89.7	20.466	17.8	0.0	4.5	4.5	1.3
13	16.0	24.3	19.0	82.6	18.216	16.0	0.0	9.8	9.8	2.3
14	17.0	23.6	18.9	86.5	19.268	16.9	1.3	0.1	1.4	1.9
15	16.0	24.2	20.4	78.3	18.638	16.4	0.3	6.5	6.8	4.7
16	17.0	24.6	20.4	80.1	18.868	16.5	0.0	3.6	3.6	7.6
17	17.3	23.6	19.3	81.1	18.240	16.0	0.1	6.4	6.5	3.8
18	16.5	23.0	19.3	86.9	19.622	17.2	0.0	27.6	27.6	1.9
19	17.0	22.6	20.1	88.7	20.752	18.1	1.7	0.0	1.7	0.8
20	16.5	23.0	20.1	85.0	19.737	17.3	0.0	0.0	0.0	0.0
21	16.5	23.0	20.4	82.7	19.829	17.4	0.0	0.0	0.0	3.3
22	16.5	25.4	21.2	82.5	20.513	17.8	9.2	0.0	9.2	2.6
23	18.0	24.0	20.8	88.6	21.984	19.0	0.0	6.7	6.7	2.6
24	16.0	23.3	19.9	88.8	20.580	17.9	0.0	0.0	0.0	2.0
25	17.5	26.0	21.2	80.5	19.948	17.4	0.0	2.5	2.5	6.6
26	17.0	24.3	20.4	84.0	20.029	17.5	3.8	0.0	3.8	2.6
27	17.0	25.3	20.8	80.6	19.680	17.2	0.0	0.0	0.0	6.4
28	17.5	25.0	20.6	83.5	20.201	17.6	0.2	0.5	0.7	1.8
29	17.3	24.4	19.2	86.1	19.529	17.1	6.7	0.0	6.7	1.5
30	17.0	23.0	19.7	92.2	21.518	18.6	0.2	0.2	0.4	2.2
31	16.0	24.0	19.8	87.3	19.983	17.5	0.0	6.2	6.2	0.0
PROM.	16.6	23.8	20.0	83.7	19.473	17.0	29.4	100.8	130.2	109.5

M E S - ABRIL

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	23.0	20.3	91.3	21.763	18.8	10.0	9.9	19.9	0.2
2	17.6	24.3	18.2	92.1	19.332	16.9	34.6	0.1	34.7	0.6
3	16.6	26.3	19.4	86.1	19.637	17.2	8.0	16.0	24.0	3.0
4	16.5	25.0	20.3	83.7	19.786	17.3	30.0	0.1	30.1	0.4
5	18.0	25.0	20.2	89.0	21.408	18.6	10.4	17.6	28.0	5.0
6	16.5	24.6	19.9	89.3	20.693	18.0	7.0	49.0	56.0	2.1
7	16.3	24.0	19.4	90.2	20.308	17.7	0.0	2.2	2.2	1.1
8	17.0	23.6	19.6	87.0	19.709	17.2	1.1	2.1	3.2	0.5
9	17.0	24.9	19.7	85.6	19.957	17.5	11.3	15.3	26.6	2.1
10	17.0	25.0	19.6	86.4	19.730	17.3	9.0	0.0	9.0	0.9
11	17.0	26.3	21.9	85.1	21.929	18.9	0.0	5.5	5.5	5.0
12	16.5	25.5	19.9	84.3	19.297	16.9	1.5	0.0	1.5	2.6
13	16.5	25.8	21.0	82.8	20.150	17.5	0.0	0.4	0.4	7.4
14	17.5	27.0	22.0	83.0	21.458	18.6	0.0	5.5	5.5	7.1
15	17.5	27.5	22.8	84.3	22.869	19.6	0.0	0.0	0.0	8.2
16	18.6	28.0	23.0	82.5	22.949	19.6	0.0	10.2	10.2	3.9
17	16.6	26.3	21.2	87.3	21.809	18.8	0.6	4.9	5.5	2.6
18	18.0	22.5	19.8	90.4	20.816	18.1	5.3	0.0	5.3	1.7
19	17.5	24.5	20.3	84.5	19.992	17.4	2.3	13.4	15.7	2.3
20	17.3	25.5	21.0	87.6	21.679	18.8	0.0	28.0	28.0	4.9
21	17.0	22.6	19.9	88.9	20.535	17.9	0.0	0.0	0.0	1.2
22	18.0	26.3	21.9	79.0	20.844	18.1	0.0	0.9	0.9	6.7
23	18.0	25.6	21.0	80.8	19.958	17.4	0.1	0.0	0.1	2.6
24	17.5	27.0	21.5	84.0	21.561	18.7	25.2	2.7	27.9	4.8
25	18.0	26.0	21.0	85.0	21.428	18.6	0.0	0.0	0.0	4.5
26	18.0	27.0	22.2	87.7	23.283	19.9	2.6	1.5	4.1	3.4
27	18.0	26.0	21.5	86.7	21.960	19.0	4.5	1.5	6.0	3.9
28	17.5	21.0	19.2	97.0	21.419	18.6	25.4	0.5	25.9	0.0
29	17.0	27.3	22.3	92.7	21.742	18.8	0.0	6.1	6.1	4.6
30	17.5	24.0	19.9	85.6	19.673	17.1	3.2	0.0	3.2	1.8
PROM	17.3	25.2	20.7	86.3	20.922	18.2	192.1	193.4	385.5	95.1

ESTACION: MONTELIBANO MUNICIPIO: YACOPI AÑO: 1.982

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	18.5	27.0	21.8	86.8	23.272	19.9	9.7	31.3	41.0	4.5
2	17.6	26.0	21.1	79.9	19.464	16.8	0.0	0.0	0.0	5.3
3	19.0	26.5	21.5	85.6	22.103	19.1	2.0	35.0	37.0	3.2
4	17.0	27.8	20.0	83.5	19.658	17.2	34.1	2.0	36.1	4.2
5	17.0	23.5	20.3	88.0	20.882	18.2	8.2	1.2	9.4	2.9
6	17.0	23.5	19.8	95.4	21.968	19.0	2.9	1.8	4.7	1.1
7	18.0	25.0	21.1	91.4	22.727	19.5	0.0	2.6	2.6	2.8
8	17.5	23.0	20.3	91.9	21.964	19.0	1.1	0.0	1.1	0.4
9	17.0	24.4	21.5	88.2	22.198	19.1	0.0	5.3	5.3	1.3
10	17.4	22.0	19.9	90.8	21.083	18.3	0.0	0.0	0.0	1.0
11	17.0	25.6	21.1	83.8	20.590	18.0	2.9	23.5	26.4	6.6
12	17.0	25.5	20.7	84.3	20.331	17.7	6.2	0.0	6.2	5.1
13	18.5	25.0	21.4	85.7	21.715	18.8	0.0	0.0	0.0	0.8
14	19.0	22.0	20.2	93.3	22.165	19.1	5.9	2.7	8.6	0.3
15	17.5	22.0	20.1	91.4	21.385	18.5	2.6	0.0	2.6	2.0
16	17.0	23.0	20.1	90.2	21.018	18.3	16.8	0.0	16.8	3.4
17	18.0	23.5	20.2	92.9	21.853	18.9	10.7	14.6	25.3	3.3
18	17.0	23.0	19.7	94.9	21.640	18.8	1.0	1.7	2.7	3.1
19	17.0	21.5	18.2	94.4	19.720	17.3	1.5	0.0	1.5	0.2
20	17.0	23.5	19.4	90.8	20.468	17.8	0.0	3.9	3.9	5.0
21	16.5	23.5	19.4	88.0	19.704	17.2	34.1	13.3	47.4	1.8
22	16.0	23.5	19.3	89.0	19.968	17.4	9.5	3.8	13.3	2.3
23	16.0	23.5	19.7	87.1	20.181	17.6	42.8	0.0	42.8	4.7
24	16.0	24.5	19.8	87.7	20.364	17.8	9.1	33.6	42.7	2.7
25	16.5	27.0	21.9	82.4	20.999	18.2	6.6	26.3	32.9	4.2
26	17.0	25.6	20.6	94.5	22.708	19.5	5.4	0.0	5.4	2.1
27	17.5	25.0	20.7	83.3	19.941	17.3	0.1	1.6	1.7	1.1
28	17.5	22.5	20.2	77.6	18.211	15.9	0.0	0.0	0.0	0.0
29	17.5	25.8	21.1	77.4	18.953	16.5	6.3	10.9	17.2	2.1
30	16.5	24.0	20.6	88.2	20.984	18.2	0.0	0.0	0.0	1.0
31	18.0	25.0	21.3	84.0	21.101	18.2	3.0	0.0	3.0	2.7
PROM.	17.3	24.3	20.4	87.8	20.946	18.2	222.5	215.1	437.6	81.2

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	17.5	26.5	22.2	70.2	18.048	15.7	0.0	0.0	0.0	6.3
2	18.0	27.9	22.5	56.2	14.948	13.0	0.0	0.0	0.0	6.0
3	17.5	26.0	21.6	80.9	20.731	18.0	0.0	0.0	0.0	4.0
4	17.5	24.4	20.1	94.7	22.320	19.2	1.3	0.0	1.3	3.0
5	18.0	23.5	19.8	96.8	22.516	19.4	10.9	0.4	11.3	1.1
6	18.0	25.6	20.1	89.2	20.888	18.2	0.2	0.4	0.6	3.4
7	18.0	25.8	21.2	84.9	21.470	18.6	0.7	0.0	0.7	5.3
8	17.5	24.9	20.4	94.8	22.720	19.5	9.6	0.0	9.6	7.3
9	17.5	24.5	19.9	87.8	20.916	18.2	4.3	0.0	4.3	5.2
10	16.0	26.5	20.9	80.7	19.364	16.8	0.0	0.5	0.5	4.7
11	16.5	23.0	19.1	90.9	20.547	17.9	9.4	0.4	9.8	2.2
12	16.5	24.0	20.0	89.4	21.163	18.4	23.1	0.0	23.1	2.8
13	16.5	26.4	20.5	89.8	21.492	18.6	0.0	1.0	1.0	4.6
14	18.5	26.8	21.1	81.7	20.268	17.6	0.0	9.9	9.9	5.8
15	16.5	26.8	21.5	78.5	19.741	17.3	0.0	0.0	0.0	6.4
16	16.5	27.0	21.3	77.2	19.291	16.9	0.0	0.0	0.0	6.0
17	17.5	25.5	21.2	78.4	19.625	17.2	0.2	0.0	0.2	3.1
18	16.5	23.5	20.4	81.9	19.735	17.3	3.0	0.0	3.0	0.2
19	17.0	25.5	21.2	82.1	20.295	17.6	0.0	0.0	0.0	7.9
20	17.0	24.8	20.6	84.9	20.636	17.9	1.2	0.0	1.2	1.7
21	17.6	25.5	21.3	89.0	22.234	19.1	1.4	0.0	1.4	3.8
22	17.0	25.5	20.9	86.3	21.513	18.7	0.0	1.3	1.3	6.4
23	16.5	27.5	21.5	66.4	16.781	14.4	0.0	0.0	0.0	6.6
24	16.5	24.5	21.1	79.2	19.691	17.1	0.0	0.0	0.0	0.0
25	17.6	25.5	21.0	84.7	20.843	18.1	0.2	0.0	0.2	5.3
26	17.6	25.6	20.7	85.2	20.683	18.0	0.0	23.5	23.5	6.7
27	15.5	27.5	21.7	79.6	21.137	18.4	0.2	0.0	0.2	5.7
28	18.0	27.5	21.4	70.7	17.866	15.5	0.0	0.0	0.0	8.6
29	16.5	27.5	21.7	68.6	17.558	15.3	0.0	0.0	0.0	8.0
30	17.5	27.0	21.8	60.0	15.668	13.7	0.0	0.0	0.0	4.8
PROM	17.2	25.8	21.0	81.4	20.023	17.4	65.7	37.4	103.1	142.9

ESTACION: MONTELIBANO MUNICIPIO: YACOPI AÑO: 1.982

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

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	26.4	21.9	68.3	17.829	15.7	0.0	0.0	0.0	6.5
2	17.5	26.0	21.9	73.4	19.312	16.7	0.0	0.0	0.0	7.5
3	17.5	26.0	21.3	74.4	19.152	16.8	0.0	42.0	42.0	4.9
4	16.0	25.5	19.8	87.1	20.177	17.6	0.0	0.0	0.0	4.8
5	15.5	25.5	20.4	80.9	19.189	16.8	0.0	0.0	0.0	5.3
6	17.0	25.0	20.4	86.8	20.755	18.1	0.0	6.0	6.0	1.8
7	17.0	25.5	20.3	81.1	19.619	17.2	0.0	1.0	1.0	5.6
8	16.5	25.0	20.9	81.7	20.167	17.6	0.0	0.0	0.0	6.0
9	15.5	25.0	20.6	84.8	20.126	17.5	0.0	1.0	1.0	5.7
10	17.0	26.0	21.3	79.0	19.645	16.9	0.0	5.0	5.0	7.4
11	16.0	25.6	20.6	78.0	18.748	16.4	0.0	11.0	11.0	5.5
12	17.6	25.5	21.8	81.5	20.914	18.0	0.0	0.0	0.0	0.7
13	16.0	25.0	20.2	87.8	20.682	18.0	0.0	0.0	0.0	0.0
14	17.0	28.5	22.2	63.4	16.054	13.8	0.0	0.0	0.0	9.4
15	16.5	28.5	23.5	47.4	13.424	11.3	0.0	0.0	0.0	8.7
16	19.5	27.5	21.7	61.7	15.819	13.6	0.0	0.0	0.0	7.7
17	18.0	27.6	22.2	63.8	17.085	14.9	0.0	0.0	0.0	9.5
18	17.0	27.6	22.3	76.5	20.158	17.5	0.0	0.0	0.0	4.8
19	17.0	28.5	21.3	63.3	15.803	13.6	0.0	0.0	0.0	2.5
20	17.0	25.5	20.4	79.7	18.907	16.6	0.0	0.0	0.0	4.2
21	17.6	27.0	21.0	59.0	14.340	12.2	0.0	0.0	0.0	10.5
22	17.5	28.0	23.6	41.1	11.806	9.3	0.0	0.0	0.0	9.3
23	17.5	28.0	22.5	49.8	13.358	11.2	0.0	0.0	0.0	7.1
24	17.5	26.0	22.6	54.6	14.956	12.8	0.0	0.0	0.0	7.9
25	17.0	28.0	22.8	66.5	17.629	15.2	0.0	1.0	1.0	5.2
26	16.0	27.5	20.9	66.4	16.125	13.9	0.0	9.0	9.0	6.6
27	17.5	22.5	20.0	93.6	21.783	18.9	0.0	0.0	0.0	0.5
28	16.0	23.5	20.0	88.7	20.474	17.8	0.0	6.0	6.0	3.0
29	15.5	25.0	20.4	75.0	17.395	15.2	0.0	0.0	0.0	6.1
30	17.5	25.0	19.2	83.7	18.708	16.4	0.0	4.0	4.0	6.3
31	17.0	25.9	21.8	76.2	19.723	17.1	0.0	1.0	1.0	8.0
PROM.	17.0	26.2	21.3	72.7	18.060	15.6	0.0	87.0	87.0	179.0

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	25.0	21.5	77.7	20.147	17.6	0.0	0.0	0.0	5.6
2	17.5	25.6	21.9	67.4	17.690	15.5	0.0	0.0	0.0	7.1
3	16.5	27.0	20.6	57.7	14.592	12.2	0.0	0.0	0.0	7.1
4	18.0	29.5	24.2	43.0	12.246	9.8	0.0	0.0	0.0	10.3
5	18.0	28.5	23.0	60.3	17.452	14.4	0.5	0.0	0.5	8.3
6	17.6	26.5	21.2	88.2	22.122	19.1	0.0	0.0	0.0	3.3
7	17.4	26.5	21.6	74.0	18.742	16.2	3.2	0.0	3.2	3.1
8	16.5	25.5	20.9	85.7	20.759	18.0	0.0	0.0	0.0	4.1
9	18.2	28.5	22.6	72.8	19.164	16.4	0.1	0.0	0.1	8.8
10	18.8	28.0	23.7	58.2	15.923	13.3	0.0	0.0	0.0	7.2
11	18.0	29.0	24.4	35.5	10.691	7.9	0.0	0.1	0.1	6.0
12	20.0	28.8	24.2	51.3	15.275	13.2	0.0	0.0	0.0	6.6
13	18.0	28.6	24.6	48.0	14.191	12.0	0.0	0.0	0.0	7.2
14	17.6	30.0	24.5	54.9	15.734	13.6	0.0	0.0	0.0	6.5
15	17.0	28.0	22.8	70.4	18.846	16.3	0.0	0.1	0.1	7.0
16	16.5	28.0	23.8	51.3	14.021	11.8	0.0	0.0	0.0	8.3
17	17.0	28.5	23.6	60.4	16.100	13.4	0.0	0.0	0.0	3.4
18	17.0	29.0	23.7	43.7	12.389	10.1	0.0	0.0	0.0	6.1
19	19.5	28.0	22.4	53.1	14.394	12.3	0.0	0.0	0.0	4.5
20	19.5	28.0	23.7	56.3	16.266	13.8	0.0	0.0	0.0	3.2
21	17.0	28.0	23.8	55.3	15.648	13.4	0.0	0.0	0.0	6.6
22	17.0	28.0	24.9	37.3	11.748	9.3	0.0	0.0	0.0	9.0
23	17.0	29.0	22.2	44.9	12.480	10.2	0.0	0.0	0.0	3.7
24	18.0	29.0	23.8	45.5	13.081	10.9	0.0	0.0	0.0	7.0
25	19.0	29.0	23.7	58.6	16.818	14.4	0.7	0.0	0.7	8.4
26	16.5	27.0	22.1	64.7	16.701	14.5	16.0	0.0	16.0	6.7
27	18.5	29.0	24.6	49.0	14.782	12.6	0.0	0.5	0.5	8.7
28	18.0	29.0	24.2	41.3	12.159	9.8	0.0	0.0	0.0	7.1
29	18.5	28.0	21.6	70.5	17.870	15.4	0.0	0.0	0.0	8.2
30	17.5	28.0	21.5	69.2	17.394	15.1	0.0	0.0	0.0	3.7
31	18.5	27.5	23.2	57.4	15.579	13.5	0.0	0.0	0.0	4.5
PROM	17.8	28.0	23.0	58.2	15.839	13.4	20.5	0.7	21.2	197.3

ESTACION: MONTELIBANO MUNICIPIO: YACOPI AÑO: 1.982

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	27.0	22.1	72.8	19.189	16.8	0.0	0.0	0.0	4.5
2	18.0	30.0	24.2	55.1	15.224	12.8	0.0	0.0	0.0	7.9
3	18.0	28.5	23.9	52.8	15.218	13.3	0.1	1.1	1.2	4.1
4	17.5	28.0	23.4	61.2	16.587	14.3	0.9	0.0	0.9	4.0
5	18.5	28.0	22.6	53.7	15.087	13.0	3.1	0.0	3.1	3.2
6	18.0	28.5	23.4	49.6	14.059	11.9	0.0	0.0	0.0	5.5
7	18.5	30.0	24.9	51.0	15.562	13.2	0.0	0.0	0.0	6.6
8	18.5	29.6	23.4	73.5	20.110	17.2	0.0	0.0	0.0	4.2
9	17.0	28.5	21.3	77.2	19.229	16.8	0.0	0.0	0.0	4.9
10	17.0	28.5	21.0	78.3	18.670	16.1	14.2	15.0	29.2	2.5
11	15.5	26.5	20.0	84.2	19.465	17.0	32.3	0.9	33.2	4.9
12	16.5	26.0	21.2	78.8	19.999	17.5	0.0	0.0	0.0	5.2
13	16.5	28.5	20.7	78.3	18.738	16.3	15.7	22.5	33.2	6.9
14	15.5	24.0	19.4	83.4	18.582	16.2	12.9	0.0	12.9	1.0
15	15.5	26.0	21.0	84.1	20.891	18.2	1.7	19.3	21.0	3.2
16	16.0	25.0	20.6	77.0	18.251	16.0	0.0	41.6	41.6	4.1
17	15.0	24.3	19.0	88.2	19.277	16.9	27.8	4.3	32.1	2.3
18	15.5	24.5	20.4	81.5	19.149	16.8	0.0	3.4	3.4	4.5
19	15.5	24.9	21.1	81.3	20.396	17.8	0.6	3.7	4.3	1.4
20	15.5	26.0	20.6	81.1	19.905	17.4	0.4	0.0	0.4	1.6
21	17.5	25.5	20.0	90.4	20.999	18.3	4.4	0.0	4.4	4.1
22	16.0	26.0	20.7	82.2	19.828	17.3	0.0	0.0	0.0	3.6
23	17.5	27.2	20.9	73.2	18.085	15.8	1.8	0.5	2.3	5.4
24	16.5	24.5	19.0	87.9	19.772	17.3	3.8	0.0	3.8	2.7
25	16.0	24.5	19.0	91.0	19.874	17.4	1.4	2.3	3.7	0.9
26	15.5	26.5	21.5	75.0	19.336	16.9	11.8	0.0	11.8	3.5
27	16.0	26.5	19.9	76.7	17.576	15.4	50.8	2.9	53.7	5.0
28	15.0	26.3	20.3	78.7	18.422	16.1	16.8	38.2	55.0	4.1
29	16.0	27.0	19.8	82.7	18.873	16.5	0.0	23.1	23.1	3.3
30	15.5	25.5	20.7	80.6	19.313	16.8	0.0	11.9	11.9	4.9
PROM.	16.6	26.7	21.2	75.4	18.522	16.1	200.5	190.7	391.2	120.0

M E S - OCTUBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	22.0	19.0	92.0	20.198	17.7	0.0	0.0	0.0	0.0
2	16.0	25.0	19.9	84.2	19.233	16.8	0.2	20.7	20.9	3.8
3	15.5	25.0	20.8	85.0	20.977	18.3	3.2	0.7	3.9	3.4
4	15.0	23.6	20.1	85.5	20.185	17.6	1.7	4.7	6.4	3.0
5	15.5	23.6	19.9	87.0	20.061	17.5	10.6	17.4	28.0	2.3
6	16.0	23.5	19.9	84.7	19.309	16.9	0.0	0.0	0.0	4.6
7	17.5	25.5	20.0	75.3	17.264	14.8	5.0	7.8	12.8	5.2
8	17.0	24.5	18.6	82.2	17.923	15.7	8.1	0.1	8.2	2.5
9	15.5	24.0	19.6	91.7	20.645	18.0	9.4	61.3	70.7	2.8
10	16.0	24.0	19.4	86.1	19.158	16.8	5.1	0.3	5.4	1.3
11	16.5	25.5	20.3	85.9	20.369	17.7	0.0	0.0	0.0	7.5
12	18.0	25.5	19.6	84.1	19.295	16.9	2.5	0.4	2.9	2.9
13	16.5	24.5	19.9	88.4	20.392	17.8	0.4	17.4	17.8	4.0
14	16.0	25.0	19.3	85.0	19.312	16.9	1.5	15.4	16.9	6.5
15	16.0	26.4	20.7	84.8	20.434	17.8	0.0	1.0	1.0	6.8
16	16.5	26.0	20.3	84.0	19.912	17.3	7.2	0.3	7.5	2.8
17	16.5	25.5	21.0	81.9	20.237	17.5	0.0	19.7	19.7	3.2
18	16.5	24.0	19.2	89.1	20.093	17.6	4.3	1.0	5.3	4.8
19	16.5	25.0	20.8	82.0	19.672	17.2	0.0	19.2	19.2	5.3
20	16.5	25.0	20.5	79.8	18.827	16.4	10.5	26.3	36.8	5.3
21	16.5	23.0	19.9	85.0	19.440	17.0	0.1	32.3	32.4	2.8
22	16.0	23.0	20.1	81.7	18.666	16.3	0.0	25.3	25.3	3.8
23	16.0	23.0	19.4	85.2	19.271	16.9	0.0	14.0	14.0	4.4
24	16.0	25.0	20.5	82.2	19.635	17.2	8.6	1.1	9.7	4.9
25	17.0	23.0	20.2	86.2	20.340	17.7	0.0	0.6	0.6	4.8
26	17.5	23.0	19.7	90.3	20.466	17.9	0.0	0.0	0.0	0.4
27	16.5	23.6	19.8	81.4	18.456	16.0	0.0	0.1	0.1	3.6
28	17.0	22.0	17.9	94.6	19.452	17.0	0.0	0.0	0.0	2.0
29	16.0	24.9	19.8	86.1	20.275	17.7	6.9	0.0	6.9	4.9
30	16.6	23.5	20.7	81.5	19.731	17.2	0.0	0.0	0.0	6.0
31	15.5	25.0	21.8	73.4	20.473	17.8	0.0	0.4	0.4	4.7
PROM	16.3	24.3	20.0	84.9	19.668	17.2	85.3	287.5	372.8	120.3

ESTACION: MONTELIBANO MUNICIPIO: YACOPI AÑO: 1.982

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

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.0	20.7	90.7	21.855	18.9	0.2	6.7	6.9	2.2
2	16.5	25.0	19.8	91.3	20.866	18.2	4.5	5.6	10.1	4.6
3	16.5	23.3	19.5	84.5	19.003	16.7	0.7	3.1	3.8	6.8
4	16.5	23.5	19.4	89.7	20.042	17.5	1.5	0.1	1.6	2.0
5	17.5	24.0	20.4	81.4	19.226	16.8	0.0	0.0	0.0	5.4
6	18.0	24.0	19.7	93.8	21.393	18.5	2.2	0.0	2.2	3.3
7	18.0	24.0	21.5	86.1	22.024	19.0	0.9	3.7	4.6	3.2
8	16.5	24.0	20.8	84.7	20.468	17.8	0.0	0.0	0.0	5.6
9	17.0	25.5	21.7	85.5	21.902	18.9	0.0	2.3	2.3	5.8
10	17.0	25.0	20.3	85.5	20.639	18.0	17.1	0.1	17.2	4.8
11	16.0	23.0	20.4	92.4	22.278	19.2	3.6	0.5	4.1	2.9
12	15.5	23.5	20.0	87.2	20.268	17.7	7.2	0.0	7.2	1.8
13	15.0	23.5	20.4	88.4	21.146	18.4	0.0	0.0	0.0	3.3
14	15.5	25.6	21.4	88.3	22.600	19.4	0.0	0.2	0.2	3.2
15	15.0	26.0	21.2	85.4	21.629	18.7	0.0	0.5	0.5	6.7
16	16.6	26.0	20.6	90.9	21.905	18.9	0.0	18.9	18.9	0.3
17	16.5	24.5	20.3	86.0	20.684	17.9	0.5	0.0	0.5	0.2
18	16.5	23.0	20.1	86.8	20.285	17.7	0.0	0.0	0.0	0.9
19	18.5	24.0	20.9	88.3	21.679	18.7	0.7	2.3	3.0	3.2
20	18.5	24.0	19.9	92.2	21.362	18.5	0.2	1.3	1.5	0.2
21	17.5	24.6	21.1	87.0	22.122	19.1	13.0	0.7	13.7	3.0
22	17.5	24.0	20.9	87.9	21.556	18.7	0.0	1.3	1.3	3.6
23	17.0	24.0	20.0	86.3	19.909	17.4	0.0	1.8	1.8	0.8
24	17.5	23.0	19.1	92.5	20.432	17.8	2.7	0.0	2.7	3.5
25	17.0	24.5	21.1	87.7	21.623	18.7	0.3	26.8	27.1	4.1
26	16.0	23.8	20.2	86.5	20.299	17.7	0.4	5.4	5.8	5.4
27	16.0	24.9	21.1	84.3	20.617	17.9	0.0	1.0	1.0	8.3
28	15.5	24.6	21.2	81.3	20.254	17.6	0.0	0.0	0.0	7.0
29	15.5	24.5	20.2	87.7	20.609	18.0	0.0	1.3	1.3	2.2
30	15.0	24.6	21.1	83.1	20.380	17.7	0.0	2.3	2.3	4.5
PROM.	16.6	24.3	20.5	87.4	20.969	18.2	55.7	85.9	141.6	108.8

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	25.5	20.3	86.0	20.425	17.8	0.0	7.3	7.3	1.4
2	17.5	25.0	21.8	81.5	21.114	18.3	0.0	0.0	0.0	1.0
3	16.0	25.0	20.3	84.9	20.331	17.7	25.0	0.9	25.9	5.4
4	17.0	25.0	20.9	90.8	22.367	19.3	0.2	0.0	0.2	1.0
5	17.0	23.5	21.0	84.1	21.044	18.3	4.6	0.0	4.6	4.8
6	17.5	24.0	20.8	83.4	20.292	17.6	0.0	0.0	0.0	3.9
7	18.0	23.5	20.8	87.8	21.447	18.6	1.0	37.1	38.1	1.7
8	16.0	24.0	20.6	82.0	19.464	16.9	0.0	0.0	0.0	5.8
9	16.5	24.0	20.2	88.3	20.831	18.1	2.8	0.0	2.8	2.1
10	18.5	24.0	20.3	87.8	20.979	18.2	2.5	0.0	2.5	0.6
11	18.0	24.5	20.6	88.4	21.337	18.5	0.0	1.1	1.1	1.7
12	18.0	24.0	20.3	93.5	22.361	19.3	0.0	0.0	0.0	1.5
13	18.5	24.6	21.0	89.2	22.456	19.3	0.0	5.0	5.0	2.8
14	17.0	24.5	21.0	85.3	20.954	18.2	0.0	0.0	0.0	5.6
15	18.0	25.0	20.5	83.9	20.169	17.6	0.0	0.0	0.0	4.6
16	17.3	25.5	21.2	86.0	21.431	18.6	0.0	0.0	0.0	5.3
17	17.5	25.6	19.3	91.2	20.866	18.2	0.0	0.0	0.0	0.6
18	18.0	24.2	19.1	94.5	20.848	18.2	1.3	0.0	1.3	0.8
19	17.0	23.6	20.7	86.1	21.069	18.3	0.0	0.0	0.0	0.6
20	17.0	23.6	20.5	87.2	21.042	18.3	0.0	13.2	13.2	3.3
21	17.0	24.5	21.0	88.2	21.794	18.8	0.0	2.3	2.3	2.7
22	16.0	25.0	21.2	76.1	18.795	16.4	0.0	0.4	0.4	3.4
23	17.5	24.5	20.6	84.1	20.119	17.6	0.4	0.0	0.4	4.8
24	17.5	24.8	21.6	87.0	22.617	19.4	0.0	0.3	0.3	5.0
25	17.5	25.5	20.0	87.2	20.379	17.8	0.0	0.0	0.0	5.3
26	17.0	25.5	19.7	85.3	19.238	16.8	0.0	8.8	8.8	6.1
27	17.0	24.5	19.1	89.2	19.938	17.4	0.0	0.1	0.1	0.1
28	17.0	23.5	20.1	82.2	18.971	16.6	0.0	0.0	0.0	3.5
29	17.5	22.2	19.3	90.9	20.326	17.7	1.2	0.0	1.2	0.0
30	16.5	23.5	20.1	84.5	19.616	17.2	0.3	0.0	0.3	2.3
31	17.0	25.4	21.0	82.9	20.424	17.8	0.0	0.0	0.0	6.1
PROM	17.2	24.4	20.5	86.4	20.743	18.0	39.3	76.5	115.8	93.8

ESTACION: MONTELIBANO MUNICIPIO YACOPI AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.2	23.0	19.7	15.0	25.6	82.2	18.698	16.3	110.7	15	143.5
FEBRERO	16.5	23.0	19.6	14.4	24.8	85.4	19.386	17.0	214.3	19	87.8
MARZO	16.6	23.8	20.0	15.0	26.0	83.7	19.473	17.0	130.2	25	109.5
ABRIL	17.3	25.2	20.7	16.3	28.0	86.3	20.922	18.2	385.5	27	95.1
MAYO	17.3	24.3	20.4	16.0	27.8	87.8	20.946	18.2	437.6	26	81.2
JUNIO	17.2	25.8	21.0	15.5	27.9	81.4	20.023	17.4	103.1	19	142.9
JULIO	17.0	26.2	21.3	15.5	28.5	72.7	18.060	15.6	87.0	11	179.0
AGOSTO	17.8	28.0	23.0	16.5	30.0	58.2	15.839	13.4	21.2	8	197.3
SEPTIEMBRE	16.6	26.7	21.2	15.0	30.0	75.4	18.522	16.1	391.2	22	120.0
OCTUBRE	16.3	24.3	20.0	15.0	26.4	84.9	19.668	17.2	372.8	25	120.3
NOVIEMBRE	16.6	24.3	20.5	15.0	26.0	87.4	20.969	18.2	141.6	25	108.8
DICIEMBRE	17.2	24.4	20.5	15.0	25.6	86.4	20.743	18.0	115.8	19	93.8
PROMEDIO	16.9	24.9	20.7	15.4	27.2	81.0	19.437	16.9			
TOTAL									2511.0	241	1479.2

ESTACION: MISIONES MUNICIPIO: MESITAS COLEGIO AÑO: 1.982

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

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.3	21.5	18.2	94.8	20.255	17.7	24.3	7.1	31.4	0.6
2	14.6	20.5	17.3	96.9	19.567	17.1	2.6	0.0	2.6	0.9
3	15.0	20.0	17.1	97.3	19.000	16.7	2.2	0.5	2.7	0.1
4	15.0	20.5	18.2	94.8	20.054	17.5	1.0	0.8	1.8	0.6
5	17.0	22.5	18.5	97.6	20.863	18.1	0.3	10.3	10.6	1.9
6	16.6	25.0	19.4	89.1	20.361	17.7	0.0	0.4	0.4	5.9
7	16.4	24.5	19.1	87.6	19.615	17.2	0.5	2.4	2.9	2.1
8	16.0	24.8	19.2	83.6	18.870	16.5	0.9	0.0	0.0	7.9
9	15.4	22.0	19.1	89.2	19.886	17.4	0.0	9.3	9.3	3.0
10	16.3	22.0	19.8	83.9	19.263	16.9	0.0	0.0	0.0	2.1
11	17.0	24.0	19.5	83.0	18.749	16.5	0.0	0.0	0.0	3.7
12	17.0	24.2	20.5	84.5	20.514	17.9	0.0	0.0	0.0	5.0
13	17.3	23.5	20.1	84.7	20.379	17.6	0.0	0.0	0.0	4.2
14	17.1	25.5	21.2	82.9	20.834	18.1	0.0	0.0	0.0	7.4
15	17.3	24.5	20.0	85.2	20.305	17.6	0.0	0.0	0.0	5.3
16	16.0	25.0	19.9	90.6	20.927	18.2	0.0	0.2	0.2	5.7
17	17.3	25.6	21.0	83.4	20.594	18.0	0.0	3.4	3.4	7.3
18	17.1	24.5	20.6	82.8	20.157	17.5	0.0	0.0	0.0	7.6
19	17.3	26.0	20.6	71.8	17.864	15.6	0.0	0.0	0.0	9.4
20	17.0	25.0	20.5	73.6	18.184	15.9	0.0	0.0	0.0	7.9
21	17.3	26.5	21.1	74.9	18.975	16.6	0.0	0.0	0.0	8.6
22	16.6	26.4	21.3	79.1	20.256	17.7	0.0	0.0	0.0	8.0
23	17.0	25.2	20.7	73.4	17.594	15.5	0.0	0.0	0.0	8.3
24	17.2	26.3	20.3	79.6	19.177	16.8	0.0	0.0	0.0	8.3
25	17.0	25.5	20.5	79.8	19.312	17.0	0.0	0.0	0.0	6.6
26	16.3	25.8	20.5	83.9	20.091	17.5	0.0	1.7	1.7	8.4
27	16.7	22.0	18.9	90.2	19.734	17.3	0.0	21.1	21.1	2.8
28	16.1	21.5	18.6	90.9	19.313	16.9	2.1	0.0	2.1	1.8
29	15.7	22.0	18.5	90.8	19.005	16.6	0.0	0.0	0.0	0.7
30	16.3	22.0	19.2	84.9	18.930	16.6	0.2	0.0	0.2	0.6
31	16.3	24.8	19.6	80.4	18.378	16.1	2.2	0.0	2.2	3.9
PROM.	16.5	23.8	19.6	85.3	19.581	17.1	35.4	57.2	92.6	146.6

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	23.0	19.9	90.7	21.219	18.4	0.9	0.0	0.9	4.1
2	17.6	23.0	19.9	83.7	19.785	17.2	0.0	0.0	0.0	3.5
3	17.3	24.0	20.0	83.0	19.368	17.0	0.3	0.0	0.3	5.4
4	17.1	25.5	19.8	87.6	20.085	17.6	0.2	0.0	0.2	3.9
5	16.3	21.7	18.4	97.0	20.369	17.8	16.9	0.0	16.9	1.0
6	17.6	25.0	20.3	75.1	18.593	16.3	0.0	0.6	0.6	7.6
7	16.6	22.5	18.8	88.9	19.115	16.8	0.0	0.4	0.4	1.2
8	17.2	22.6	19.8	87.3	20.235	17.7	0.0	0.0	0.0	3.4
9	17.2	25.5	20.6	83.3	20.415	17.8	0.0	0.0	0.0	4.6
10	17.3	25.0	21.1	78.3	19.576	17.2	0.0	1.8	1.8	3.0
11	16.0	22.5	19.6	90.1	20.964	18.2	31.5	0.0	31.5	1.2
12	17.2	22.5	19.9	91.2	21.361	18.5	9.5	3.3	12.8	1.5
13	16.5	24.5	20.1	92.0	21.600	18.7	0.0	0.0	0.0	3.6
14	17.3	21.5	19.1	96.5	21.225	18.4	29.9	7.7	37.6	0.3
15	16.2	22.5	18.1	91.9	19.465	17.0	37.1	0.0	37.1	0.8
16	16.3	23.5	19.8	89.7	20.789	18.1	0.0	12.2	12.2	2.3
17	17.2	24.5	20.1	90.5	21.349	18.5	1.2	13.1	14.3	5.5
18	15.6	22.0	18.9	94.2	20.617	18.0	3.0	0.0	3.0	0.6
19	16.6	23.0	19.4	93.5	21.427	18.6	16.6	3.2	19.8	2.6
20	16.1	21.5	18.9	95.3	21.156	18.4	3.7	2.0	5.7	0.1
21	16.4	23.5	19.1	92.5	20.581	17.9	0.0	0.0	0.0	2.8
22	17.0	24.0	19.7	90.8	20.818	18.1	0.0	0.0	0.0	3.2
23	16.5	23.6	19.9	89.5	20.762	18.1	0.3	0.0	0.3	3.2
24	16.0	23.5	19.5	89.8	20.561	17.9	0.0	0.0	0.0	1.6
25	16.0	23.0	20.3	84.1	20.017	17.5	0.0	0.0	0.0	4.7
26	17.0	24.0	19.9	88.8	20.603	18.0	10.0	0.0	10.0	4.1
27	17.1	24.0	20.7	90.5	22.265	19.2	0.0	3.0	3.0	4.1
28	16.0	21.5	17.5	87.6	17.670	15.5	5.0	4.0	9.0	3.9
PROM	16.7	23.3	19.6	89.1	20.428	17.8	166.1	51.3	217.4	83.8

ESTACION: MISIONES MUNICIPIO: MESITAS COLEGIO AÑO: 1.982

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	16.6	25.0	19.6	84.2	19.228	16.9	0.0	30.0	30.0	4.0
2	17.1	25.5	20.3	88.1	21.343	18.5	0.0	8.0	8.0	6.2
3	17.0	25.5	20.3	90.5	21.865	18.9	0.0	0.0	0.0	2.7
4	18.0	24.0	19.9	92.4	21.542	18.7	0.0	8.0	8.0	2.5
5		24.5	20.2	88.9	21.084	18.3	0.0	0.0	0.0	3.7
6		25.0	20.2	82.5	20.221	17.6	0.0	0.0	0.0	5.3
7		24.5	22.6	77.4	20.508	17.8	0.0	10.0	10.0	4.9
8		25.0	21.1	83.2	21.153	18.4	0.0	0.0	0.0	4.3
9		25.5	20.5	78.3	19.064	16.7	0.0	15.0	15.0	8.6
10		24.0	20.4	84.0	20.039	17.5	0.0	0.0	0.0	2.2
11		23.6	20.3	84.2	20.264	17.7	0.0	7.0	7.0	1.9
12		24.0	20.8	78.3	19.359	17.0	0.0	0.0	0.0	0.2
13		24.5	20.2	87.7	20.909	18.2	4.0	0.0	4.0	0.0
14		22.0	19.1	90.3	19.855	17.4	0.0	0.0	0.0	0.0
15		25.5	20.7	78.5	19.340	17.0	0.0	0.0	0.0	0.7
16		24.5	20.3	85.1	20.578	17.9	0.0	32.0	32.0	3.2
17		25.4	20.3	84.1	20.483	17.8	0.0	0.0	0.0	6.1
18		22.0	18.8	90.2	19.488	17.1	0.0	0.0	0.0	0.1
19		24.5	20.4	82.1	19.867	17.4	1.9	0.0	1.9	2.6
20		23.0	19.0	88.7	19.461	17.1	16.2	0.0	16.2	1.7
21		22.5	20.3	82.5	19.761	17.3	0.4	0.0	0.4	1.8
22		24.5	20.3	83.2	20.366	17.8	0.2	0.0	0.2	3.0
23		25.5	22.0	72.9	19.486	17.1	0.0	0.0	0.0	4.9
24		22.5	19.7	77.2	17.554	15.4	0.2	27.3	27.5	0.9
25		24.6	20.5	83.3	20.417	17.8	0.0	1.8	1.8	3.2
26		26.5	20.9	79.3	20.027	17.5	0.0	4.5	4.5	6.2
27		25.0	20.2	86.8	20.565	18.0	0.0	67.6	67.6	6.1
28		22.0	19.1	89.8	19.814	17.3	1.7	0.0	1.7	0.7
29		22.5	18.8	85.4	18.796	16.5	35.0	0.0	35.0	0.7
30		24.6	20.9	80.1	20.060	17.5	0.0	0.0	0.0	4.0
31		24.0	20.9	79.1	19.855	17.4	2.3	0.0	2.3	0.5
PROM.		24.2	20.3	83.8	20.076	17.5	61.9	211.2	273.1	92.9

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		22.4	19.9	85.0	19.880	17.4	4.5	0.0	4.5	0.3
2		20.5	19.2	85.8	19.190	16.9	20.3	0.0	20.3	0.0
3		24.3	20.8	77.0	19.245	16.9	3.1	3.3	6.4	2.2
4		21.0	18.6	93.6	19.987	17.5	3.6	1.2	4.8	0.0
5		25.5	20.0	85.7	20.100	17.5	0.0	5.7	5.7	3.5
6		22.0	18.2	91.2	19.184	16.8	50.5	6.4	56.9	0.1
7		23.5	19.8	86.0	20.141	17.5	0.0	0.0	0.0	2.2
8		22.0	19.6	85.4	19.322	17.0	2.4	1.6	4.0	0.6
9		22.5	18.3	85.4	17.744	15.6	16.6	2.2	18.8	0.4
10		21.5	17.4	94.6	18.547	16.3	4.2	0.0	4.2	0.2
11		25.0	20.0	77.3	18.347	16.2	0.0	45.4	45.4	3.8
12		25.0	19.3	83.9	18.803	16.5	0.7	8.3	9.0	4.7
13		23.5	19.7	90.0	20.737	18.1	0.0	3.1	3.1	4.5
14		26.2	20.9	83.5	20.795	18.1	1.0	0.0	1.0	2.7
15		24.0	20.2	88.2	20.986	18.3	0.0	17.9	17.9	3.7
16		24.0	20.4	88.6	21.462	18.6	0.0	15.5	15.5	1.1
17		22.5	19.2	87.4	19.400	17.0	36.3	9.5	45.8	2.9
18		22.0	19.2	89.9	20.462	17.8	0.4	0.0	0.4	1.4
19		22.5	18.8	90.4	19.591	17.2	0.4	0.0	0.4	1.6
20		23.0	19.9	82.7	19.596	17.1	30.0	0.0	30.0	2.1
21		21.0	18.2	84.1	17.732	15.5	4.0	0.0	4.0	0.0
22		25.5	21.7	74.8	19.560	17.0	0.0	0.0	0.0	7.9
23		22.5	19.4	89.8	20.409	17.8	10.2	0.0	10.2	1.1
24		22.0	18.9	86.3	18.722	16.5	79.5	0.0	79.5	1.2
25		25.5	19.8	82.5	19.874	17.3	0.0	0.0	0.0	5.0
26		24.5	20.6	77.3	19.395	16.9	2.2	0.0	2.2	1.6
27		25.5	20.6	78.7	19.573	17.1	0.0	0.5	0.5	4.5
28		21.0	19.0	91.4	20.167	17.6	25.0	0.8	25.8	0.0
29		24.5	19.4	80.1	18.004	15.8	0.0	71.9	71.9	5.1
30	14.5	20.0	17.7	96.9	19.609	17.2	6.3	0.0	6.3	0.1
PROM		23.2	19.5	85.8	19.552	17.1	301.2	193.3	494.5	64.5

ESTACION: MISIONES MUNICIPIO: MESITAS COLEGIO AÑO: 1.982

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	24.5	19.7	86.0	20.474	17.7	0.0	29.4	29.4	4.3
2	16.0	23.0	18.2	90.3	18.930	16.6	6.4	0.0	6.4	1.8
3	18.0	22.5	19.9	89.1	20.851	18.2	4.6	19.3	23.9	1.5
4	15.5	22.0	19.3	91.8	20.653	18.0	0.4	5.3	5.7	2.7
5	16.0	22.5	19.6	84.5	18.970	16.6	0.7	0.6	1.3	1.7
6	17.0	23.0	19.3	87.0	19.539	17.1	21.0	1.3	22.3	0.4
7	17.0	23.0	19.9	93.6	21.868	18.9	0.5	0.0	0.5	2.8
8	16.6	22.5	18.5	95.1	20.727	18.1	10.9	3.1	14.0	0.6
9	16.5	23.3	21.0	83.0	20.713	17.9	0.0	0.0	0.0	1.8
10	16.0	23.0	19.1	87.2	19.956	17.4	0.0	0.0	0.0	1.0
11	16.5	24.0	21.1	79.4	19.567	17.2	3.9	0.0	3.9	4.2
12	16.5	24.5	21.8	81.4	21.438	18.4	0.2	0.0	0.2	3.3
13	18.5	23.0	20.0	85.5	20.516	17.9	2.4	0.0	2.4	1.8
14	19.0	23.0	20.9	87.6	21.679	18.7	0.1	2.8	2.9	0.6
15	16.3	24.0	19.7	85.8	19.747	17.2	0.0	0.0	0.0	4.1
16	17.3	23.5	19.4	91.7	20.587	18.0	0.0	0.0	0.0	2.5
17	17.5	23.0	20.2	83.8	19.835	17.4	0.0	0.5	0.5	3.3
18	17.5	23.0	19.2	87.6	19.521	17.0	6.1	0.0	6.1	1.0
19	15.5	22.5	19.4	95.9	21.819	18.8	0.0	0.0	0.0	1.3
20	17.0	22.0	19.3	90.1	20.153	17.6	0.5	17.7	18.2	1.6
21	16.0	20.5	17.7	97.6	19.561	17.1	1.0	0.0	1.0	0.0
22	17.0	21.0	18.4	96.4	20.320	17.7	19.5	0.2	19.7	0.1
23	16.5	20.5	18.7	90.4	19.161	16.8	5.1	0.0	5.1	0.0
24	17.0	23.0	19.5	86.3	20.199	17.6	0.0	0.2	0.2	3.0
25	16.4	23.0	20.0	90.6	21.447	18.6	0.2	0.0	0.2	1.6
26	15.5	23.0	19.5	90.4	20.768	18.1	0.9	0.0	0.9	0.2
27	15.5	23.5	19.5	92.1	21.115	18.3	0.0	0.0	0.0	0.7
28	16.0	20.0	17.7	95.2	19.403	17.0	7.7	0.0	7.7	0.0
29	15.5	23.0	19.1	85.8	19.623	17.1	17.3	8.0	25.3	0.5
30	16.8	23.8	19.4	92.9	20.805	18.1	4.0	0.0	4.0	2.3
31	17.5	21.5	18.9	87.1	19.256	16.9	2.1	4.9	7.0	0.9
PROM.	16.7	22.7	19.5	89.1	20.297	17.7	115.5	93.3	208.8	51.6

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	22.0	18.7	85.4	18.455	16.1	0.0	0.0	0.0	1.9
2	15.6	23.0	19.2	90.5	20.603	17.8	0.1	0.0	0.1	3.5
3	16.6	25.0	20.4	82.5	20.100	17.5	1.0	0.0	1.0	4.3
4	16.0	22.5	18.3	94.8	20.042	17.5	1.2	0.0	1.2	2.6
5	16.5	20.0	18.0	89.9	18.491	16.2	2.0	1.1	3.1	0.1
6	16.4	22.5	18.7	90.8	19.724	17.2	0.4	0.0	0.4	1.7
7	15.1	22.0	18.3	83.6	17.752	15.6	0.0	0.0	0.0	4.0
8	15.5	22.0	17.8	94.1	19.253	16.9	0.0	0.0	0.0	2.2
9	16.0	22.5	19.0	81.4	18.196	15.8	2.5	0.0	2.5	2.3
10	14.6	22.5	17.8	92.6	18.820	16.5	0.0	0.0	0.0	3.7
11	16.5	22.4	20.0	84.7	19.604	17.2	0.0	0.0	0.0	2.1
12	15.5	21.3	18.5	95.0	18.308	16.0	0.0	0.0	0.0	1.8
13	17.0	23.5	20.6	82.2	20.160	17.6	0.0	0.0	0.0	5.3
14	16.1	23.5	20.7	78.8	18.959	16.6	0.0	0.0	0.0	2.4
15	18.0	23.3	20.7	82.0	19.968	17.5	0.0	0.0	0.0	4.6
16	16.4	22.0	19.2	80.0	17.946	15.8	0.0	0.0	0.0	2.2
17	15.0	22.4	18.9	84.2	18.576	16.3	0.0	0.0	0.0	1.8
18	16.1	23.0	20.0	76.6	18.014	15.8	0.0	0.0	0.0	1.1
19	18.5	23.6	21.2	71.0	18.168	15.9	0.0	0.0	0.0	2.5
20	17.5	22.0	18.6	94.4	20.349	17.8	0.0	0.0	0.0	0.2
21	16.0	23.5	19.2	80.2	18.334	15.9	1.0	0.0	1.0	1.1
22	14.6	23.3	19.2	80.4	17.817	15.4	0.4	0.0	0.4	2.6
23	16.5	23.6	19.9	76.5	17.843	15.7	0.0	0.0	0.0	4.2
24	16.4	25.0	19.7	76.8	17.903	15.7	0.0	0.0	0.0	4.0
25	15.5	23.2	18.3	83.1	17.574	15.4	0.0	0.0	0.0	4.1
26	16.1	22.5	19.6	78.1	17.981	15.8	0.0	0.0	0.0	5.6
27	16.5	21.0	17.3	89.6	17.948	15.7	0.0	0.0	0.0	1.5
28	16.3	25.0	20.8	77.8	19.019	16.7	0.0	0.0	0.0	5.3
29	16.4	23.5	19.6	79.0	17.962	15.7	0.0	0.0	0.0	2.5
30	16.4	23.5	20.4	79.6	19.149	16.8	1.5	0.0	1.5	3.0
PROM	16.2	22.8	19.3	83.5	18.767	16.4	10.1	1.1	11.2	84.2

ESTACION: MISIONES MUNICIPIO: MESITAS COLORADO 1.982

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	16.1	23.0	19.4	83.4	18.954	16.6	0.0	0.0	0.0	3.1
2	16.0	22.0	18.8	90.0	19.794	17.3	0.0	0.0	0.0	1.4
3	15.4	23.5	19.4	74.4	17.046	14.9	0.0	0.0	0.0	2.6
4	17.0	24.0	19.9	73.7	17.505	15.4	2.7	0.0	2.7	2.4
5	16.2	24.0	19.8	78.6	18.089	15.9	0.0	0.0	0.0	3.2
6	17.5	23.0	19.4	86.8	19.958	17.5	0.0	0.0	0.0	1.2
7	16.3	23.0	20.1	75.1	17.708	15.6	0.0	0.0	0.0	2.8
8	17.5	22.4	18.8	85.2	18.705	16.4	0.0	0.0	0.0	0.3
9	15.5	25.5	19.9	78.6	18.392	16.1	0.0	0.0	0.0	3.4
10	16.5	24.2	20.8	75.7	18.885	16.6	0.0	0.0	0.0	1.4
11	16.8	24.0	21.3	80.1	20.437	17.8	0.0	0.7	0.7	4.2
12	17.5	21.0	18.9	96.4	20.947	18.2	0.0	0.0	0.0	1.6
13	15.4	22.0	19.7	83.1	18.857	16.5	0.0	0.0	0.0	1.1
14	17.5	24.0	21.0	71.7	17.698	15.5	0.0	0.0	0.0	5.5
15	16.0	25.5	20.9	69.6	16.963	14.9	0.0	0.0	0.0	6.9
16	17.1	23.1	18.8	80.0	17.659	15.5	0.0	0.0	0.0	3.8
17	16.5	23.5	20.9	70.1	17.094	15.0	0.0	0.0	0.0	4.6
18	16.5	23.5	19.7	81.2	18.794	16.5	0.0	0.0	0.0	2.0
19	17.5	24.5	21.9	79.6	20.948	18.2	0.0	3.3	3.3	2.2
20	16.5	23.0	19.0	86.5	18.900	16.6	0.0	0.0	0.0	2.5
21	16.0	26.0	21.7	68.1	17.511	15.4	0.0	0.0	0.0	8.2
22	16.5	25.0	21.2	74.2	18.638	16.4	0.0	0.7	0.7	4.0
23	16.5	22.2	19.1	82.1	18.100	15.9	0.0	0.0	0.0	2.1
24	16.5	25.0	20.1	76.2	18.080	15.9	0.0	0.0	0.0	4.4
25	16.3	22.8	20.3	74.2	17.298	15.2	0.0	0.0	0.0	1.2
26	18.0	25.0	21.9	72.5	18.951	16.7	0.0	0.0	0.0	3.6
27	16.8	22.0	18.7	86.7	18.880	16.6	2.0	0.0	2.0	0.9
28	16.5	20.6	19.2	90.3	20.132	17.5	1.5	0.0	1.5	1.0
29	16.8	24.0	19.6	84.4	19.421	17.0	0.0	0.3	0.3	3.2
30	15.6	24.5	19.8	82.7	18.757	16.5	0.0	0.0	0.0	4.1
31	17.0	23.5	20.6	76.0	18.589	16.3	6.3	0.0	6.3	4.3
PROM.	16.6	23.5	20.0	79.6	18.635	16.3	12.5	5.0	17.5	93.2

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	17.4	23.5	20.9	75.1	18.331	16.1	0.3	0.7	1.0	1.9
2	17.5	24.5	20.5	82.8	19.849	17.4	0.0	0.2	0.2	3.9
3	17.5	25.5	21.0	71.5	17.596	15.5	0.0	0.0	0.0	3.8
4	16.5	26.5	21.5	66.4	16.924	14.8	0.1	0.0	0.1	7.7
5	17.5	25.0	21.5	64.1	16.377	14.4	0.0	0.0	0.0	4.7
6	17.5	24.3	20.9	69.8	17.153	15.1	0.2	0.1	0.3	3.0
7	16.3	22.0	20.0	85.9	19.788	17.3	0.1	0.0	0.1	0.7
8	16.5	23.5	19.8	85.1	19.734	17.3	0.0	0.0	0.0	1.5
9	17.0	26.0	21.6	70.1	17.895	15.7	0.0	0.0	0.0	8.7
10	17.5	26.0	21.6	71.0	18.132	16.0	0.0	0.0	0.0	5.3
11	16.1	25.5	21.4	69.1	17.368	15.3	0.0	0.3	0.3	6.2
12	15.2	24.6	20.8	73.3	17.990	15.8	0.0	0.0	0.0	3.6
13	16.5	25.5	20.4	76.8	18.412	16.2	1.1	0.0	1.1	5.7
14	17.5	25.0	20.0	74.2	17.630	15.5	0.0	0.0	0.0	5.0
15	16.3	26.5	22.1	72.1	19.103	16.8	0.0	0.0	0.0	5.5
16	15.5	26.0	21.6	76.0	19.206	16.8	0.0	0.0	0.0	6.0
17	17.3	26.5	21.6	70.3	17.788	15.7	0.0	0.0	0.0	4.0
18	16.5	24.0	20.5	82.9	19.765	17.3	0.0	0.0	0.0	1.8
19	16.5	25.0	20.5	80.4	19.501	17.1	0.1	0.0	0.1	3.8
20	16.4	24.0	20.1	84.3	19.666	17.2	1.3	0.0	1.3	2.2
21	16.4	26.1	22.0	69.6	18.138	15.9	0.0	0.0	0.0	5.3
22	15.5	27.0	22.0	68.1	17.964	15.8	0.0	0.0	0.0	8.9
23	17.2	26.5	22.0	72.8	18.966	16.7	0.0	0.0	0.0	4.3
24	17.5	25.1	22.1	71.4	18.843	16.5	0.0	0.0	0.0	4.2
25	17.5	26.0	21.2	78.7	19.696	17.3	0.0	0.0	0.0	5.7
26	17.5	25.0	21.4	72.5	18.639	16.4	0.0	0.0	0.0	5.0
27	18.0	25.7	22.1	73.4	19.689	17.2	0.0	0.5	0.5	4.5
28	17.5	24.3	21.3	78.4	19.442	17.0	3.1	0.0	3.1	2.7
29	16.1	26.0	22.1	74.5	19.653	17.2	0.0	0.0	0.0	4.4
30	17.8	23.0	21.0	84.8	21.415	18.5	0.0	0.0	0.0	2.0
31	17.0	26.6	21.2	86.8	22.361	19.2	0.0	0.0	0.0	2.0
PROM	16.9	25.2	21.2	75.2	18.807	16.5	6.3	1.8	8.1	134.0

ESTACION: MISIONES MUNICIPIO: MESITAS COLEGIO 1.982

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	16.5	26.0	21.1	85.1	21.297	18.4	0.0	0.0	0.0	3.7
2	16.5	25.0	21.1	81.1	20.321	17.8	0.0	0.0	0.0	4.5
3	17.6	25.0	22.3	84.6	22.761	19.5	0.0	0.0	0.0	2.9
4	17.8	24.5	20.8	82.2	20.216	17.6	0.5	0.0	0.5	3.3
5	16.5	24.0	19.9	84.7	20.283	17.7	4.2	0.0	4.2	1.9
6	15.8	25.0	21.1	88.8	22.291	19.2	0.0	0.0	0.0	4.3
7	17.0	27.0	21.6	88.5	23.047	19.7	0.0	0.0	0.0	4.0
8	17.0	27.0	21.9	81.1	21.663	18.8	0.0	0.0	0.0	6.6
9	17.7	25.0	21.4	87.6	22.240	19.2	0.0	0.0	0.0	2.3
10	17.8	24.5	20.3	87.4	21.210	18.4	2.4	1.9	4.3	1.5
11	13.4	22.5	19.1	90.9	19.910	17.3	2.9	0.0	2.9	2.0
12	16.5	25.5	21.4	88.2	22.555	19.4	0.0	0.0	0.0	1.5
13	17.5	25.0	21.4	84.6	21.299	18.5	0.4	0.0	0.4	2.9
14	16.0	21.0	19.3	93.1	20.620	18.0	5.6	0.0	5.6	0.0
15	17.0	24.0	20.9	86.3	21.188	18.4	0.3	3.6	3.9	2.5
16	15.5	24.0	19.9	87.4	20.358	17.7	0.0	0.0	0.0	1.5
17	15.4	20.0	18.0	95.2	19.410	17.0	1.3	0.0	1.3	0.0
18	15.0	22.6	20.7	92.7	22.428	19.2	0.0	0.0	0.0	4.0
19	15.0	23.5	20.1	91.7	21.528	18.7	0.0	0.0	0.0	1.2
20	17.0	23.0	21.1	85.3	21.209	18.4	0.0	0.0	0.0	2.3
21	16.6	24.5	21.6	85.2	22.116	19.0	0.0	0.0	0.0	4.8
22	17.5	24.0	21.4	84.1	21.533	18.6	0.1	0.0	0.1	2.7
23	16.5	24.0	21.1	84.0	21.286	18.4	0.9	0.0	0.9	5.0
24	17.0	23.5	21.0	77.2	19.037	16.7	1.1	1.4	2.5	0.6
25	15.8	22.5	18.7	93.6	19.823	17.3	15.7	0.0	15.7	0.9
26	14.6	22.0	18.9	87.5	19.239	16.9	0.0	0.0	0.0	1.3
27	15.5	26.0	21.7	82.1	21.221	18.4	0.0	0.0	0.0	4.2
28	13.6	23.5	19.3	93.1	20.976	18.2	0.0	4.6	4.6	3.2
29	14.5	23.0	20.2	92.4	21.393	18.5	0.0	0.0	0.0	2.4
30	16.0	23.5	20.2	87.4	20.715	18.1	0.0	0.0	0.0	0.9
PROM.	16.2	24.0	20.6	87.1	21.106	18.3	35.4	11.5	46.9	78.9

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	16.5	23.5	19.8	85.5	19.962	17.4	0.0	0.0	0.0	0.6
2	15.0	23.0	19.2	86.5	19.742	17.2	1.6	0.6	2.2	3.6
3	14.0	20.5	17.9	97.6	19.907	17.4	4.0	0.0	4.0	1.3
4	14.3	23.0	18.7	85.2	18.692	16.4	0.0	0.0	0.0	3.5
5	13.0	23.0	19.1	89.8	20.204	17.6	7.0	0.0	7.0	2.7
6	14.4	25.0	20.9	87.0	21.469	18.6	0.1	0.0	0.1	5.5
7	14.4	24.0	20.5	85.9	20.553	18.0	0.0	23.5	23.5	2.2
8	15.0	22.5	18.8	92.6	19.821	17.3	0.9	0.0	0.9	1.3
9	16.0	22.0	19.4	89.9	20.073	17.6	2.6	0.2	2.8	1.9
10	15.4	20.0	17.9	93.5	19.041	16.7	28.0	0.0	28.0	0.7
11	16.0	22.5	20.3	92.1	21.774	18.8	0.3	1.1	1.4	3.7
12	17.4	24.5	19.9	93.3	21.915	18.9	0.0	0.0	0.0	4.5
13	16.5	24.0	20.5	86.3	20.936	18.2	0.4	0.0	0.4	5.8
14	15.5	25.0	21.2	81.1	20.225	17.6	0.1	2.6	2.7	3.7
15	14.4	24.5	20.0	92.3	21.609	18.6	0.0	0.0	0.0	3.0
16	17.5	22.5	20.3	95.4	22.594	19.4	0.8	0.0	0.8	1.3
17	15.4	22.5	19.2	95.4	20.929	18.2	0.0	0.0	0.0	2.5
18	17.5	25.0	21.0	87.6	21.770	18.9	0.0	0.0	0.0	4.3
19	16.5	24.0	20.5	94.7	22.699	19.4	0.0	10.4	10.4	3.7
20	16.0	21.5	18.8	94.2	20.122	17.6	0.4	0.0	0.4	1.3
21	17.5	22.0	19.2	94.3	21.154	18.4	29.5	0.0	29.5	1.2
22	16.0	21.6	19.6	88.3	20.380	17.7	4.0	21.6	25.6	0.5
23	17.0	24.0	19.4	91.6	21.027	18.2	0.7	11.4	12.1	5.5
24	16.0	19.5	17.9	96.4	19.482	17.1	40.1	0.0	40.1	0.0
25	17.0	22.0	19.8	93.8	21.960	19.0	0.0	0.0	0.0	1.0
26	17.0	21.5	18.9	91.4	20.163	17.6	0.0	0.2	0.2	1.7
27	15.5	24.0	19.9	87.0	20.400	17.7	0.2	0.0	0.2	4.0
28	17.0	22.5	19.7	85.9	19.553	17.1	0.0	0.0	0.0	2.2
29	17.8	24.5	20.7	80.8	19.995	17.5	0.0	0.6	0.6	4.5
30	15.6	24.5	20.3	92.7	22.064	19.0	0.2	0.0	0.2	3.0
31	17.8	24.5	20.5	91.1	22.282	19.2	0.0	0.0	0.0	4.2
PROM	16.0	23.0	19.7	90.3	20.726	18.0	120.9	72.2	193.1	84.9

ESTACION: MISIONES MUNICIPIO: MESITAS COLEGIO 1.982

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	18.0	24.0	20.6	93.3	22.786	19.6	0.0	0.0	0.0	2.1
2	16.8	23.5	18.5	94.8	20.796	18.1	6.1	0.0	6.1	4.7
3	17.0	24.0	19.3	94.8	21.635	18.7	8.6	0.1	8.7	3.2
4	16.5	23.0	19.8	92.8	21.573	18.6	0.0	0.0	0.0	3.2
5	16.0	24.0	20.4	84.9	20.724	18.1	0.0	53.0	53.0	3.4
6	15.5	22.0	18.7	95.3	20.611	18.0	1.7	0.0	1.7	1.1
7	18.0	23.5	20.9	86.7	21.982	18.9	0.0	0.0	0.0	3.9
8	17.5	25.0	21.1	88.4	22.105	19.1	0.0	0.0	0.0	5.1
9	18.0	24.5	21.3	84.5	21.684	18.8	0.0	0.0	0.0	5.7
10	18.5	25.5	20.7	90.6	22.319	19.2	0.7	0.0	0.7	6.3
11	18.0	21.5	19.7	93.2	21.535	18.7	1.2	0.0	1.2	0.0
12	16.5	22.5	18.8	97.1	20.975	18.2	0.3	0.0	0.3	0.0
13	17.5	22.5	20.5	87.8	21.143	18.4	0.0	0.0	0.0	0.0
14	17.5	24.5	21.0	91.8	23.062	19.8	0.0	0.0	0.0	0.5
15	19.0	24.8	21.7	85.8	22.456	19.4	0.0	0.0	0.0	5.0
16	18.0	25.0	20.9	86.3	21.715	18.8	0.0	0.0	0.0	1.6
17	16.5	21.0	19.5	93.1	21.360	18.6	6.6	0.0	6.6	0.3
18	17.0	22.5	20.4	91.2	22.257	19.1	0.0	0.0	0.0	2.1
19	17.0	23.5	20.2	90.6	21.701	18.7	0.0	0.0	0.0	3.1
20	17.0	21.5	19.2	85.8	19.493	17.1	6.6	18.5	25.1	0.6
21	15.0	24.0	19.3	91.4	20.933	18.0	2.6	0.0	2.6	3.5
22	16.5	22.5	19.1	96.6	21.704	18.8	27.0	14.0	41.0	3.2
23	15.0	22.5	18.5	88.9	18.929	16.6	7.0	0.0	7.0	0.5
24	16.6	22.5	18.4	89.4	18.818	16.5	0.0	0.0	0.0	1.6
25	17.5	23.5	20.3	74.3	17.831	15.6	0.0	0.0	0.0	3.6
26	16.3	23.5	19.6	75.0	17.568	15.4	5.4	0.0	5.4	3.4
27	17.5	25.5	20.7	82.3	20.492	17.7	0.0	0.0	0.0	9.8
28	17.0	23.0	19.7	78.4	18.102	15.9	0.0	0.0	0.0	5.6
29	17.0	24.4	20.8	80.0	19.902	17.4	0.0	9.8	9.8	3.8
30	15.0	24.6	19.5	83.6	18.965	16.6	0.0	2.5	2.5	4.7
PROM.	17.0	23.5	20.0	88.3	20.839	18.1	73.8	97.9	171.7	91.6

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	22.5	19.8	86.9	20.374	17.8	1.7	0.0	1.7	1.6
2	17.0	25.6	21.2	69.8	18.107	15.9	0.1	0.0	0.1	3.8
3	17.5	25.5	21.1	70.4	18.105	15.8	0.0	0.0	0.0	7.6
4	16.8	22.5	19.6	82.2	18.872	16.5	1.5	0.0	1.5	0.1
5	17.1	23.5	19.2	92.0	20.859	18.2	0.0	0.0	0.0	0.6
6	17.0	24.0	20.2	83.2	19.804	17.3	0.0	0.0	0.0	2.3
7	17.4	24.5	19.5	86.5	19.964	17.5	8.6	5.1	13.7	0.0
8	16.3	22.0	19.3	90.1	20.199	17.7	0.1	0.0	0.1	0.0
9	17.0	23.6	19.4	86.7	19.753	17.3	0.0	0.0	0.0	0.0
10	17.0	23.0	19.5	86.2	19.533	17.1	2.2	0.0	2.2	1.1
11	17.5	22.5	20.2	87.9	20.751	18.1	0.0	0.0	0.0	1.3
12	17.0	22.5	20.1	87.4	20.659	18.0	5.4	15.1	20.5	0.3
13	17.5	22.0	19.2	93.2	20.894	18.2	0.0	0.0	0.0	0.5
14	17.0	24.5	21.3	74.2	18.800	16.5	0.0	0.0	0.0	6.8
15	17.5	26.0	21.4	73.9	19.119	16.6	0.0	0.0	0.0	5.8
16	17.8	25.8	20.9	83.8	20.688	18.0	0.0	2.9	2.9	7.9
17	17.5	21.5	19.4	91.3	20.716	18.1	1.8	21.0	22.8	0.3
18	16.3	22.5	19.4	90.0	20.147	17.6	17.1	0.0	17.1	1.1
19	17.0	21.3	18.5	92.1	19.661	17.2	1.0	0.3	1.3	0.0
20	17.0	21.8	19.8	83.0	19.325	17.0	0.0	0.0	0.0	1.0
21	17.0	24.0	20.3	81.4	19.475	17.1	0.1	14.7	14.8	3.1
22	16.0	23.3	18.7	89.3	19.018	16.7	0.2	0.0	0.2	2.4
23	17.0	25.0	20.3	80.1	19.276	16.9	0.0	0.0	0.0	6.1
24	17.5	25.0	19.8	79.2	18.542	16.2	3.3	0.1	3.4	4.5
25	16.2	22.3	19.5	90.0	20.284	17.7	0.0	0.0	0.0	0.7
26	18.0	25.5	21.2	72.9	18.408	16.2	0.0	0.8	0.8	4.3
27	18.0	20.4	19.0	91.6	20.136	17.6	5.1	1.2	6.3	0.0
28	16.0	22.4	18.9	94.2	20.463	17.8	0.0	52.6	52.6	1.0
29	16.0	22.5	19.3	86.4	19.631	17.2	0.0	37.0	37.0	1.6
30	16.3	21.0	18.3	92.2	19.408	17.0	2.6	0.0	2.6	0.4
31	17.0	25.4	20.8	78.0	19.339	16.9	0.0	0.0	0.0	5.7
PROM	17.0	23.4	19.8	84.7	19.687	17.2	50.8	150.8	201.6	71.9

ESTACION: MISIONES MUNICIPIO MESITAS COLEGIO AÑO: 1.982

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	16.5	23.8	19.6	14.6	26.5	85.3	19.581	17.1	92.6	15	146.6
FEBRERO	16.7	23.3	19.6	15.6	25.5	89.1	20.428	17.8	217.4	20	83.8
MARZO		24.2	20.3		26.5	83.8	20.076	17.5	273.1	19	92.9
ABRIL		23.2	19.5		26.2	85.8	19.552	17.1	494.5	27	64.5
MAYO	16.7	22.7	19.5	15.5	24.5	89.1	20.297	17.7	208.8	25	51.6
JUNIO	16.2	22.8	19.3	14.6	25.0	83.5	18.767	16.4	11.2	9	84.2
JULIO	16.6	23.5	20.0	15.4	26.0	79.6	18.635	16.3	17.5	8	93.2
AGOSTO	16.9	25.2	21.2	15.2	27.0	75.2	18.807	16.5	8.1	11	134.0
SEPTIEMBRE	16.2	24.0	20.6	13.4	27.0	87.1	21.106	18.3	46.9	13	78.9
OCTUBRE	16.0	23.0	19.7	13.0	25.0	90.3	20.726	18.0	193.1	22	84.9
NOVIEMBRE	17.0	23.5	20.0	15.0	25.5	88.3	20.839	18.1	171.7	15	91.6
DICIEMBRE	17.0	23.4	19.8	16.0	26.0	84.7	19.687	17.2	201.6	19	71.9
PROMEDIO		23.6	19.9		25.9	1.8	19.875	17.3			
TOTAL									1936.5	203	1078.1

ESTACION: GRANJA TIBACUY MUNICIPIO: TIBACUY AÑO: 1.982

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

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	22.0	18.3	82.1	17.648	15.5	10.1	0.0	10.1	1.0
2	13.6	23.6	18.2	79.3	16.598	14.6	0.0	1.5	1.5	3.2
3	16.8	20.8	18.0	85.5	17.870	15.7	3.2	9.7	12.9	
4	16.4	20.0	17.7	86.7	17.718	15.6	15.8	18.6	34.4	0.2
5	15.5	20.0	18.0	89.4	18.433	16.2	4.8	2.1	6.9	5.9
6	13.6	23.4	17.9	81.8	17.089	14.9	7.9	5.4	13.3	
7	14.5	20.0	17.0	83.9	16.601	14.6	30.6	0.1	30.7	1.2
8	14.0	24.0	18.8	77.0	16.827	14.8	0.0	1.8	1.8	9.2
9	14.6	23.6	18.2	81.5	17.155	15.1	0.5	15.7	16.2	4.9
10	16.0	24.0	18.8	73.3	16.165	14.1	0.5	0.0	0.5	5.7
11	14.5	24.6	19.6	76.5	17.523	15.4	0.0	0.0	0.0	8.4
12	14.0	24.3	19.9	66.9	15.609	13.6	0.0	0.0	0.0	9.3
13	13.5	25.0	19.2	68.5	15.630	13.6	0.0	0.0	0.0	5.5
14	15.5	24.0	19.1	72.9	16.695	14.6	0.0	0.0	0.0	7.2
15	15.0	24.6	19.9	77.3	18.232	16.0	0.2	0.0	0.2	5.8
16	13.8	24.5	18.9	76.5	16.789	14.8	0.0	0.0	0.0	8.1
17	15.5	24.6	19.2	73.1	16.352	14.3	0.0	1.8	1.8	
18	15.5	25.2	19.2	72.0	15.912	13.9	0.0	0.0	0.0	9.9
19	14.5	25.7	19.9	55.6	13.092	11.0	0.0	0.0	0.0	
20	13.0	25.0	19.4	66.0	14.899	12.8	0.0	0.0	0.0	6.7
21	13.5	25.6	18.7	71.6	15.594	13.6	0.0	0.0	0.0	8.1
22	14.5	25.5	19.9	70.1	15.924	13.9	0.0	0.0	0.0	8.5
23	14.6	26.3	19.5	60.8	13.959	11.7	0.0	0.0	0.0	8.9
24	14.4	24.6	19.2	60.1	13.726	11.5	0.0	0.0	0.0	
25	13.5	25.0	19.9	64.8	15.026	13.0	0.0	0.0	0.0	6.4
26	15.6	25.6	20.1	61.7	14.658	12.7	0.0	42.8	42.8	6.8
27	13.6	23.0	18.7	74.6	16.217	14.2	0.0	3.0	3.0	4.5
28	15.5	22.0	18.7	77.8	16.718	14.7	5.9	0.0	5.9	2.0
29	14.5	23.0	18.0	83.3	17.037	15.0	0.5	0.0	0.5	2.5
30	15.5	23.2	18.7	75.5	16.231	14.3	0.0	0.0	0.0	4.4
31	14.4	23.7	18.4	69.4	14.749	12.7	0.0	0.0	0.0	
PROM.	14.7	23.8	18.9	74.0	16.215	14.1	80.0	102.5	182.5	

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	14.6	24.6	19.2	72.5	15.934	14.0	0.0	0.0	0.0	5.2
2	14.5	24.0	19.0	76.2	16.825	14.8	0.0	0.0	0.0	3.7
3	13.5	25.5	19.6	66.1	14.697	12.7	0.0	0.0	0.0	5.5
4	15.5	24.0	18.9	75.6	16.735	14.7	2.0	0.0	2.0	2.9
5	14.9	21.0	17.8	82.3	16.875	14.8	1.8	0.0	1.8	0.1
6	14.0	25.0	19.7	73.1	15.998	14.0	0.0	6.4	6.4	7.0
7	15.4	23.0	18.4	71.2	15.249	13.2	0.0	0.0	0.0	3.5
8	16.0	23.5	18.6	77.0	16.969	14.8	0.1	0.0	0.1	4.7
9	16.0	23.6	19.7	68.9	16.017	14.1	0.0	0.0	0.0	3.3
10	16.2	24.0	20.4	72.1	16.971	14.8	0.0	0.0	0.0	1.7
11	16.2	23.0	19.8	69.6	16.325	14.3	3.0	0.0	3.0	1.8
12	16.6	24.0	18.7	76.1	16.795	14.7	8.2	1.5	9.7	3.2
13	16.5	24.5	19.6	79.6	18.179	16.0	0.0	0.0	0.0	2.7
14	17.0	22.0	18.4	83.9	17.780	15.7	2.0	33.0	35.0	2.8
15	15.4	23.0	17.6	86.0	17.830	15.7	0.0	18.8	18.8	0.6
16	15.0	22.6	18.7	88.1	18.983	16.6	0.0	14.7	14.7	3.4
17	15.6	24.0	19.8	77.0	17.528	15.4	0.0	4.6	4.6	5.7
18	16.0	22.4	18.1	81.3	17.253	15.2	2.3	0.0	2.3	3.3
19	14.8	23.1	18.7	79.7	17.420	15.2	15.3	0.0	15.3	5.4
20	16.8	22.0	18.9	84.7	18.486	16.3	2.9	19.1	22.0	0.5
21	16.8	20.8	17.5	82.5	16.545	14.5	3.3	0.0	3.3	0.3
22	16.7	23.2	18.8	79.9	17.341	15.2	0.0	0.0	0.0	3.2
23	14.6	24.0	19.4	79.9	18.092	15.9	0.4	5.2	5.6	6.0
24	15.6	23.5	19.5	74.3	16.902	14.9	0.0	0.0	0.0	2.9
25	14.4	22.6	19.5	80.8	18.381	16.2	0.0	0.0	0.0	3.3
26	14.8	24.6	19.4	75.8	17.175	15.1	0.0	0.0	0.0	5.8
27	15.6	24.0	19.2	78.6	17.634	15.5	0.0	1.4	1.4	4.6
28	16.7	24.1	19.1	84.9	18.949	16.6	0.0	2.4	2.4	3.1
PROM	15.6	23.4	19.0	77.7	17.138	15.0	41.3	107.1	148.4	96.2

ESTACION: GRANJA TIBACUY MUNICIPIO: TIBACUY AÑO: 1.982

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

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	24.5	19.4	80.9	18.307	16.1	0.7	0.7	1.4	2.9
2	15.0	25.0	19.8	75.9	17.495	15.4	6.0	2.2	8.2	5.5
3	16.8	23.6	19.0	79.8	17.632	15.5	0.5	0.2	0.7	3.1
4	14.2	24.0	18.9	79.6	17.717	15.6	0.0	4.0	4.0	5.6
5	15.5	23.0	19.4	81.7	18.616	16.4	0.0	0.0	0.0	2.9
6	16.8	24.8	18.9	75.6	17.142	15.0	0.7	0.0	0.7	5.6
7	15.2	24.5	19.3	79.4	17.718	15.6	0.0	0.0	0.0	4.6
8	16.8	23.6	20.4	77.9	18.675	16.4	0.0	0.0	0.0	2.9
9	14.3	25.0	20.0	70.2	16.395	14.4	0.0	0.0	0.0	8.7
10	15.6	23.0	19.2	77.3	17.381	15.3	0.0	0.0	0.0	2.8
11	16.4	24.2	20.1	72.9	17.061	15.0	0.0	25.0	25.0	6.3
12	15.6	23.5	18.9	77.1	16.885	14.8	0.0	0.0	0.0	2.4
13	15.6	24.0	19.2	75.4	16.875	14.8	0.0	0.0	0.0	4.2
14	16.0	23.5	19.1	76.8	16.756	14.7	0.0	0.0	0.0	0.4
15	14.9	24.5	19.2	77.5	17.342	15.2	9.4	0.0	9.4	3.4
16	16.2	22.0	18.5	84.2	18.185	16.0	5.2	2.1	7.3	1.3
17	13.6	24.0	19.4	73.9	16.506	14.5	1.5	10.0	11.5	7.8
18	16.2	20.0	17.5	89.0	17.919	15.8	0.0	0.0	0.0	2.7
19	15.6	24.4	18.8	75.2	16.492	14.5	3.2	0.0	3.2	3.1
20	15.5	22.2	18.5	81.3	17.483	15.4	8.6	0.0	8.6	4.4
21	15.4	23.3	19.8	73.5	16.800	14.7	0.0	0.0	0.0	2.8
22	16.6	24.0	19.6	65.0	15.056	13.1	0.0	0.0	0.0	3.3
23	15.2	26.0	19.9	70.8	16.518	14.5	0.0	0.0	0.0	5.6
24	15.6	23.5	19.2	68.4	15.259	13.2	0.0	7.6	7.6	2.7
25	15.2	24.2	19.5	84.0	19.227	16.9	0.0	0.0	0.0	2.6
26	15.0	24.0	18.8	90.8	20.170	17.6	0.8	7.9	8.7	3.5
27	15.5	23.6	20.2	86.3	20.673	18.0	0.8	15.3	16.1	5.8
28	16.5	22.5	19.3	84.3	19.294	16.9	0.0	0.0	0.0	1.3
29	15.0	22.0	17.5	92.2	19.079	16.7	0.0	0.0	0.0	0.5
30	13.6	24.0	19.6	82.9	18.965	16.6	0.0	0.0	0.0	3.6
31	16.0	23.5	20.1	80.9	19.288	16.9	4.7	0.0	4.7	2.1
PROM.	15.5	23.7	19.3	78.7	17.707	15.5	42.1	75.0	117.1	114.4

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	22.0	18.8	91.9	20.241	17.7	0.0	0.0	0.0	0.2
2	14.6	20.0	17.9	95.5	19.913	17.4	0.0	0.0	0.0	0.0
3	14.0	24.2	18.8	77.0	17.041	14.9	0.0	0.0	0.0	2.8
4	16.0	20.5	18.3	92.8	19.407	17.0	19.9	2.5	22.4	
5	14.5	23.5	19.2	83.4	18.822	16.5	0.0	19.3	19.3	3.4
6	15.4	20.5	17.9	95.2	19.492	17.1	1.1	0.8	1.9	0.0
7	17.5	24.0	19.3	80.1	18.143	15.9	8.3	3.2	11.5	4.4
8	14.9	21.0	18.1	90.5	19.101	16.7	0.7	7.6	8.3	0.1
9	14.8	21.0	17.8	88.9	18.066	15.9	0.4	0.0	0.4	0.9
10	14.2	20.5	17.5	90.9	18.196	16.0	0.0	10.4	10.4	1.1
11	13.5	25.0	20.0	75.0	17.761	15.6	0.0	0.0	0.0	7.3
12	14.7	24.3	18.5	90.1	19.272	16.9	0.0	4.4	4.4	2.2
13	13.6	23.0	18.5	90.9	19.273	16.9	0.0	3.9	3.9	2.9
14	14.4	23.0	19.1	91.7	20.552	17.9	9.9	13.5	23.4	3.7
15	14.3	23.5	19.6	91.1	21.113	18.4	0.0	16.8	16.8	5.2
16	16.4	23.0	18.9	89.6	20.111	17.6	30.3	2.2	32.5	2.8
17	14.4	21.0	17.6	88.3	17.862	15.7	21.3	4.8	26.1	1.6
18	15.6	22.5	19.0	87.9	19.951	17.5	0.0	0.0	0.0	0.6
19	14.8	21.5	18.3	86.3	18.255	16.0	0.0	0.0	0.0	1.1
20	14.6	24.0	18.9	72.5	16.059	13.9	0.0	0.0	0.0	3.0
21	15.0	18.0	16.8	94.2	18.266	16.1	2.9	0.0	2.9	1.8
22	13.6	25.0	19.9	73.1	16.979	14.9	13.7	0.0	13.7	6.1
23	16.8	23.3	20.0	86.1	19.936	17.4	0.0	0.0	0.0	1.9
24	15.6	21.6	18.3	89.0	19.108	16.6	0.0	0.0	0.0	1.4
25	14.5	24.6	20.6	73.0	18.068	15.9	0.0	0.0	0.0	7.0
26	15.4	24.0	19.8	76.6	18.262	16.0	0.0	0.0	0.0	4.0
27	15.2	25.0	20.3	72.9	17.724	15.6	0.3	3.1	3.4	4.4
28	15.6	20.5	17.5	95.0	19.491	17.1	16.0	0.0	16.0	1.5
29	14.0	24.0	19.8	78.8	18.373	16.2	0.0	26.7	26.7	6.5
30	15.6	20.5	17.4	93.1	18.716	16.5	7.7	0.3	8.0	4.5
PROM	15.0	22.5	18.7	86.0	18.785	16.5	132.5	119.5	252.0	

ESTACION: GRANJA TIBACUY MUNICIPIO: TIBACUY AÑO: 1.982

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

M E S - MAYO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.2	25.5	19.7	79.0	18.171	16.0	0.0	0.0	0.0	
2	15.3	22.4	17.7	94.6	19.371	17.0	1.3	0.0	1.3	1.2
3	15.4	23.0	19.0	80.9	18.211	16.0	0.0	0.5	0.5	1.8
4	15.2	24.3	19.8	81.3	19.069	16.7	0.0	4.2	4.2	4.0
5	15.6	23.0	19.2	89.0	19.881	17.4	0.4	0.1	0.5	2.7
6	14.4	23.0	18.7	78.4	17.192	15.1	0.0	0.0	0.0	3.2
7	16.0	22.5	18.7	86.0	18.979	16.6	0.0	0.0	0.0	1.6
8	15.3	23.0	19.0	88.3	19.661	17.2	0.4	0.5	0.9	0.7
9	15.0	23.3	19.6	77.2	18.084	15.9	0.0	0.0	0.0	2.8
10	15.5	24.0	18.9	81.7	18.418	16.1	0.1	0.0	0.1	1.6
11	14.2	24.0	20.0	79.3	19.078	16.7	0.0	0.0	0.0	7.6
12	14.0	24.6	20.3	72.7	17.884	15.6	0.0	0.0	0.0	6.2
13	14.6	25.0	19.8	78.0	18.065	15.8	0.0	0.0	0.0	6.6
14	16.0	23.5	20.0	87.8	20.440	17.8	0.0	33.7	33.7	0.6
15	15.0	25.0	19.3	84.9	19.234	16.9	0.0	0.0	0.0	4.3
16	15.6	24.5	18.4	80.4	17.370	15.3	0.0	0.0	0.0	3.2
17	15.3	23.0	19.5	87.2	19.950	17.3	0.0	0.0	0.0	4.5
18	14.6	23.3	18.5	86.3	18.596	16.3	0.0	0.0	0.0	2.7
19	14.0	21.5	17.9	89.7	18.711	16.5	0.0	0.0	0.0	5.9
20	14.0	24.0	19.0	86.2	18.953	16.6	2.0	1.6	3.6	
21	15.6	22.0	18.2	90.9	19.124	16.8	4.8	0.0	4.8	0.3
22	15.5	23.0	19.2	90.8	20.462	17.8	0.3	0.1	0.4	0.6
23	14.0	22.5	17.8	85.5	17.995	15.7	3.0	0.0	3.0	4.8
24	14.3	24.0	18.8	79.3	17.734	15.6	0.7	13.8	14.5	2.0
25	15.0	21.0	18.2	88.6	18.469	16.2	4.9	0.0	4.9	0.7
26	14.3	22.0	18.6	88.9	19.068	16.7	0.0	0.0	0.0	0.8
27	14.3	22.0	17.4	91.9	18.672	16.4	1.5	0.5	2.0	2.5
28	15.0	18.3	16.4	94.7	17.786	15.7	2.4	0.0	2.4	
29	14.3	23.0	18.4	84.5	18.309	16.1	2.9	0.0	2.9	3.8
30	14.0	22.6	17.9	88.3	18.253	16.1	4.5	0.0	4.5	
31	14.8	23.6	18.5	87.7	19.020	16.7	0.8	0.0	0.8	2.3
PROM.	14.8	23.1	18.8	85.2	18.716	16.4	30.0	55.0	85.0	

M E S - JUNIO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.4	23.5	19.0	85.1	18.942	16.6	0.0	0.0	0.0	3.2
2	14.9	23.0	18.7	83.0	18.205	16.0	0.0	0.0	0.0	3.4
3	15.3	25.0	20.2	77.0	18.830	16.5	0.9	0.0	0.9	3.7
4	15.2	24.0	19.5	80.5	18.846	16.5	0.0	0.0	0.0	3.5
5	16.0	22.5	17.8	90.6	19.198	16.8	0.0	0.0	0.0	3.7
6	15.3	23.0	18.3	81.6	17.498	15.2	6.0	0.0	6.0	0.7
7	14.5	25.5	20.2	72.4	17.237	15.1	0.0	0.0	0.0	8.0
8	15.8	23.8	19.2	82.3	18.582	16.3	0.0	0.0	0.0	3.4
9	14.6	25.0	19.2	84.8	19.576	17.1	1.0	0.0	1.0	5.3
10	14.3	24.0	19.0	76.6	17.144	15.0	0.0	0.0	0.0	
11	15.3	25.0	20.4	74.1	17.663	15.5	3.5	0.0	3.5	5.0
12	15.3	23.0	18.4	81.8	18.139	15.9	0.0	0.0	0.0	9.3
13	15.4	25.5	20.4	72.9	17.799	15.6	0.0	0.0	0.0	
14	16.6	25.0	19.6	77.6	17.678	15.5	0.0	0.0	0.0	6.0
15	14.4	25.0	19.3	76.5	17.460	15.3	0.0	0.0	0.0	2.9
16	14.3	23.5	19.8	76.5	17.692	15.5	0.0	0.4	0.4	4.9
17	15.2	23.5	18.6	85.3	18.499	16.3	0.0	0.0	0.0	3.4
18	14.2	22.5	19.0	77.3	17.111	15.0	0.3	0.2	0.5	0.0
19	15.3	25.8	20.2	75.4	18.076	15.9	0.0	0.0	0.0	5.1
20	15.4	23.0	18.5	87.3	19.085	16.7	0.0	0.0	0.0	0.0
21	14.0	23.0	19.7	72.7	16.772	14.7	0.0	0.0	0.0	2.7
22	15.8	24.0	19.9	73.6	17.280	15.2	0.0	0.0	0.0	4.5
23	14.6	24.6	19.8	68.5	16.170	14.2	0.0	0.0	0.0	5.8
24	14.5	25.5	19.9	74.1	17.182	15.1	0.0	0.0	0.0	4.9
25	14.6	24.5	20.0	71.7	16.911	14.9	0.0	0.0	0.0	4.6
26	14.0	25.3	19.7	68.8	16.303	14.0	0.0	0.9	0.9	7.9
27	15.0	23.0	18.8	79.1	17.268	15.2	0.0	0.0	0.0	
28	14.2	26.5	20.0	66.0	15.466	13.4	0.0	0.0	0.0	7.6
29	14.0	25.0	19.4	74.4	16.494	14.5	0.0	0.0	0.0	
30	14.5	24.5	19.3	77.5	17.261	15.1	0.0	0.0	0.0	3.5
PROM	14.9	24.2	19.4	77.5	17.669	15.5	11.7	1.5	13.2	

ESTACION: GRANJA TIBACUY MUNICIPIO: TIBACUY AÑO: 1.982

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	15.7	24.0	19.5	78.7	17.787	15.6	0.0	0.0	0.0	3.5
2	15.5	24.0	19.4	82.5	18.536	16.3	0.0	0.0	0.0	1.6
3	13.7	24.8	18.9	75.0	16.448	14.4	0.0	0.0	0.0	5.9
4	15.5	25.0	19.5	69.0	16.140	14.1	0.0	0.0	0.0	3.2
5	14.9	25.5	20.0	75.3	17.485	15.4	2.1	0.0	2.1	4.9
6	15.0	23.6	19.3	80.8	18.390	16.2	0.0	0.0	0.0	1.3
7	15.1	25.0	19.2	71.2	15.947	13.9	0.0	0.0	0.0	2.6
8	15.5	24.0	18.6	84.3	18.486	16.2	0.0	0.0	0.0	0.9
9	13.6	25.2	19.4	68.0	15.375	13.4	0.0	0.0	0.0	6.3
10	14.7	24.5	20.1	75.1	17.532	15.3	0.0	0.0	0.0	7.2
11	15.3	26.0	19.5	61.2	14.123	11.9	0.0	1.9	1.9	
12	15.1	23.0	19.0	73.4	16.216	14.2	0.9	0.0	0.9	1.9
13	13.6	23.0	19.6	69.3	16.035	14.0	0.0	0.0	0.0	2.8
14	13.9	27.0	20.4	62.7	14.822	12.7	0.3	0.0	0.3	8.9
15	13.7	27.5	20.9	58.6	14.677	12.7	0.2	0.0	0.2	9.4
16	14.0	24.0	19.0	71.9	16.206	14.2	0.0	0.0	0.0	3.5
17	14.0	27.5	20.7	58.6	14.078	12.1	0.0	0.0	0.0	7.7
18	14.0	25.5	20.3	64.6	15.673	13.7	0.0	0.3	0.3	2.8
19	15.5	23.4	19.4	74.2	16.658	14.6	0.0	0.0	0.0	2.2
20	15.0	23.0	18.4	72.3	15.320	13.3	0.0	0.0	0.0	
21	12.6	26.5	20.1	62.5	14.404	12.4	0.0	0.0	0.0	8.4
22	15.0	25.5	19.8	68.1	15.568	13.6	0.0	1.3	1.3	4.4
23	13.5	24.0	18.8	67.9	14.936	12.9	0.0	0.0	0.0	5.1
24	14.0	25.0	18.3	71.7	15.122	13.1	0.6	0.0	0.6	4.4
25	14.0	25.5	20.7	58.4	14.374	12.3	0.0	0.0	0.0	2.3
26	14.9	24.3	19.2	67.4	15.178	13.2	0.0	0.0	0.0	2.8
27	15.1	21.0	18.0	86.8	17.984	15.8	2.8	0.0	2.8	0.7
28	15.0	22.0	17.7	85.8	17.599	15.5	1.6	0.0	1.6	1.2
29	14.3	23.5	19.0	76.1	16.715	14.7	0.0	0.0	0.0	2.8
30	13.5	26.0	20.2	63.5	15.283	13.3	0.0	0.0	0.0	6.2
31	15.0	26.8	19.7	58.7	13.489	11.4	0.0	0.0	0.0	6.8
PROM.	14.5	24.7	19.4	70.8	16.019	13.9	8.5	3.5	12.0	

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	15.6	27.0	20.1	62.8	14.598	12.6	0.0	1.5	1.5	
2	15.0	25.0	18.9	74.1	16.204	14.2	0.0	1.3	1.3	4.0
3	14.1	24.6	19.4	66.0	14.673	12.6	0.0	0.0	0.0	4.5
4	13.9	27.5	20.3	60.4	14.252	12.2	0.0	0.0	0.0	8.1
5	13.8	27.3	20.1	54.4	12.661	10.5	0.0	0.0	0.0	4.3
6	15.5	24.6	19.9	60.9	14.082	12.0	0.0	0.0	0.0	5.5
7	15.4	22.5	18.1	74.3	15.434	13.4	0.0	0.0	0.0	
8	14.4	25.0	19.0	66.6	14.611	12.6	0.0	0.0	0.0	
9	14.4	27.5	21.1	50.2	12.753	10.5	0.0	0.0	0.0	8.0
10	16.5	27.4	20.9	56.3	13.883	11.8	0.0	0.0	0.0	5.8
11	15.2	25.5	20.4	59.0	13.902	11.8	0.0	0.0	0.0	5.3
12	14.5	26.0	19.5	61.9	14.215	12.2	0.0	0.0	0.0	4.0
13	15.0	25.5	19.8	62.0	14.338	12.2	0.0	0.0	0.0	5.3
14	16.0	25.6	20.3	61.5	14.686	12.7	0.0	0.0	0.0	5.6
15	14.5	27.2	22.5	54.3	15.071	13.1	0.0	0.0	0.0	5.8
16	15.0	25.6	19.8	65.6	14.805	12.8	0.0	0.0	0.0	6.0
17	14.1	27.0	21.0	61.3	15.076	13.1	0.0	0.0	0.0	3.8
18	15.8	25.3	20.0	67.2	15.626	13.6	0.0	0.0	0.0	2.5
19	15.0	25.5	19.7	71.7	16.587	14.6	0.0	0.0	0.0	3.1
20	15.4	22.5	18.9	79.3	17.209	15.1	0.0	0.0	0.0	1.1
21	15.0	27.6	20.8	61.0	14.911	12.9	0.0	0.0	0.0	9.6
22	14.1	27.0	20.8	60.1	14.347	12.3	0.0	0.0	0.0	
23	15.6	27.0	20.8	64.4	15.520	13.5	0.0	0.0	0.0	4.4
24	16.5	26.3	21.9	56.8	15.262	13.3	0.0	0.0	0.0	4.2
25	16.5	26.8	21.6	55.2	14.768	12.8	0.0	0.0	0.0	6.3
26	14.0	25.3	20.1	63.4	15.109	13.1	0.0	0.0	0.0	3.5
27	15.8	27.0	21.1	61.4	15.436	13.5	0.0	2.2	2.2	4.1
28	15.0	25.8	21.1	59.9	14.977	13.0	0.0	0.0	0.0	2.5
29	14.4	27.6	21.7	53.0	14.125	12.1	0.0	0.0	0.0	3.9
30	16.0	25.5	20.7	60.9	15.192	13.2	0.0	0.0	0.0	3.2
31	16.6	26.0	19.7	68.5	15.929	13.9	0.0	0.0	0.0	2.8
PROM	15.1	26.0	20.3	62.4	14.847	12.8	0.0	5.0	5.0	

ESTACION: GRANJA TIBACUY MUNICIPIO: TIBACUY AÑO: 1.982

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	16.0	26.0	21.1	62.4	15.271	13.3	0.0	0.0	0.0	3.1
2	15.4	27.0	20.4	60.4	14.625	12.6	0.0	0.0	0.0	5.3
3	17.0	26.0	21.2	63.4	15.959	14.0	0.0	0.0	0.0	2.9
4	16.8	25.5	19.8	70.7	16.437	14.4	0.0	0.2	0.2	5.3
5	15.0	26.5	19.5	74.1	16.558	14.5	0.2	0.0	0.2	
6	15.0	25.0	20.3	59.8	14.461	12.4	0.0	0.0	0.0	3.6
7	16.0	27.3	21.5	53.3	13.583	11.5	0.0	0.0	0.0	5.2
8	15.0	27.0	21.9	55.0	14.471	12.5	0.0	0.0	0.0	5.7
9	16.6	27.0	21.7	62.3	16.204	14.2	0.0	0.0	0.0	1.8
10	17.4	24.0	20.5	75.6	18.639	16.3	0.0	6.1	6.1	0.0
11	15.5	23.6	19.8	79.9	18.481	16.2	0.8	0.2	1.0	2.9
12	15.5	25.8	20.7	67.5	16.624	14.6	0.0	0.0	0.0	2.8
13	16.2	26.0	21.2	61.5	15.576	13.6	0.0	2.7	2.7	3.4
14	16.2	22.5	18.3	84.8	18.396	16.2	0.6	0.0	0.6	0.2
15	13.2	25.0	20.5	66.1	15.946	14.0	0.0	0.0	0.0	
16	15.6	24.3	19.8	73.5	16.824	14.7	0.0	0.0	0.0	2.6
17	16.0	22.8	18.8	75.2	16.554	14.5	0.3	0.0	0.3	1.1
18	13.6	26.4	20.4	68.6	16.290	14.3	0.0	0.0	0.0	7.3
19	15.6	21.6	18.2	81.0	16.947	14.8	0.0	0.0	0.0	0.3
20	15.2	23.6	20.2	63.2	15.018	13.0	0.0	0.0	0.0	2.8
21	17.0	26.2	21.3	56.0	14.836	12.8	0.0	0.0	0.0	6.1
22	16.6	25.0	20.3	63.4	15.182	13.2	0.0	0.0	0.0	2.1
23	14.5	25.5	20.8	61.2	15.192	13.2	0.0	0.0	0.0	5.7
24	16.0	25.0	21.2	60.3	15.020	13.0	0.0	0.0	0.0	2.1
25	16.5	22.5	18.1	88.1	18.614	16.4	5.5	0.0	5.5	1.0
26	15.5	21.5	17.8	83.1	17.696	15.5	1.6	0.0	1.6	1.2
27	13.8	27.0	20.6	68.5	16.234	14.3	0.0	10.6	10.6	4.6
28	14.6	24.6	19.2	70.5	15.648	13.6	0.0	12.6	12.6	5.4
29	15.0	23.3	19.9	80.6	18.450	16.2	0.0	0.0	0.0	2.1
30	15.6	24.4	19.3	76.8	17.487	15.4	0.0	0.0	0.0	2.0
PROM.	15.6	24.9	20.1	68.9	16.241	14.2	9.0	32.4	41.4	

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	15.4	24.0	20.3	71.3	16.872	14.8	0.0	0.0	0.0	2.3
2	13.6	24.0	18.8	71.1	16.006	14.0	0.0	11.0	11.0	4.8
3	14.6	20.0	17.1	86.8	17.027	14.9	12.7	0.0	12.7	2.7
4	13.6	24.0	18.6	69.2	15.047	13.0	0.0	0.0	0.0	1.2
5	13.6	23.0	18.5	73.7	16.129	14.1	0.0	0.0	0.0	1.0
6	14.5	25.6	21.0	66.4	16.798	14.8	0.0	0.0	0.0	7.6
7	14.5	24.8	20.4	64.6	15.860	13.9	0.0	11.1	11.1	4.1
8	14.4	24.0	18.5	78.3	16.847	14.8	2.2	0.3	2.5	3.2
9	14.2	22.0	17.7	85.6	17.440	15.3	13.0	0.0	13.0	1.7
10	14.9	20.0	16.7	86.0	16.719	14.7	3.2	1.5	4.7	0.4
11	14.2	25.0	19.3	79.6	17.855	15.7	2.3	0.0	2.3	7.0
12	14.0	25.0	19.5	68.1	15.606	13.6	0.0	0.0	0.0	0.5
13	14.0	25.0	20.8	66.7	16.714	14.5	0.0	0.0	0.0	8.5
14	15.2	25.0	20.6	71.8	16.974	14.8	0.0	6.1	6.1	6.5
15	14.0	23.8	18.1	79.7	16.823	14.7	0.0	0.0	0.0	4.3
16	15.0	23.9	19.0	72.6	16.290	14.2	0.2	0.1	0.3	2.6
17	14.0	22.0	17.7	83.7	16.889	14.9	0.9	0.5	1.4	2.9
18	15.2	23.0	20.3	66.8	15.968	13.9	0.0	0.5	0.5	5.0
19	15.0	25.5	20.4	77.6	18.039	15.8	0.0	8.1	8.1	7.1
20	14.3	23.0	18.9	77.7	16.850	14.8	0.0	0.0	0.0	2.1
21	15.6	22.0	18.4	92.1	19.583	17.2	3.9	6.5	10.4	3.3
22	14.3	22.5	18.9	87.7	19.340	17.0	0.0	0.0	0.0	2.2
23	14.5	22.0	18.4	81.5	17.556	15.5	4.6	6.2	10.8	4.1
24	15.5	18.0	16.7	95.3	18.169	16.0	14.8	0.0	14.8	0.0
25	14.3	22.0	18.5	84.6	18.424	16.2	0.0	0.0	0.0	1.2
26	15.8	22.0	18.3	82.1	17.756	15.5	0.0	0.0	0.0	2.6
27	13.0	23.5	19.4	68.0	15.591	13.6	0.0	0.0	0.0	5.0
28	15.6	21.5	18.6	83.5	17.975	15.8	0.0	0.0	0.0	1.2
29	14.5	24.0	20.0	68.9	16.608	14.5	0.0	0.0	0.0	5.8
30	15.2	23.6	18.5	76.9	16.450	14.4	0.0	0.0	0.0	6.0
31	15.0	25.0	20.2	68.4	16.726	14.7	0.0	0.0	0.0	7.9
PROM	14.6	23.2	19.0	77.0	16.998	14.9	57.8	51.9	109.7	114.8

ESTACION: GRANJA TIBACUY MUNICIPIO: TIBACUY AÑO: 1.982

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

M E S – NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.1	23.5	19.4	74.9	17.164	15.0	0.0	5.6	5.6	
2	14.5	23.5	18.9	80.6	18.082	15.9	16.0	3.4	19.4	4.5
3	15.0	23.0	18.8	87.9	19.709	17.2	7.3	0.3	7.6	3.4
4	14.6	23.0	17.6	89.9	18.666	16.4	0.0	0.0	0.0	2.3
5	15.5	23.0	18.9	84.8	19.006	16.7	0.1	39.0	39.1	3.3
6	15.4	22.0	17.9	94.6	19.587	17.1	18.6	0.0	18.6	0.8
7	15.0	22.6	18.8	83.0	18.410	16.2	0.0	0.0	0.0	3.9
8	15.2	23.6	19.4	72.8	17.182	15.1	0.0	0.0	0.0	7.5
9	15.0	24.6	19.3	75.6	17.732	15.5	0.0	0.0	0.0	5.3
10	15.0	25.0	20.0	68.9	16.538	14.4	0.0	0.0	0.0	5.4
11	14.6	21.4	18.3	83.4	17.702	15.6	1.0	15.3	16.3	
12	15.4	20.0	17.2	92.3	18.578	16.3	1.9	0.0	1.9	0.3
13	15.5	23.4	19.2	77.7	17.536	15.4	0.0	0.0	0.0	4.9
14	15.5	24.8	20.6	71.7	18.108	15.9	0.0	0.0	0.0	4.4
15	15.2	26.0	21.2	69.3	17.877	15.6	0.0	0.0	0.0	6.7
16	15.5	23.5	19.1	79.5	18.112	15.9	0.0	0.0	0.0	1.9
17	15.4	21.8	18.4	83.0	18.071	15.9	0.0	0.0	0.0	0.6
18	14.0	24.0	20.0	74.7	17.914	15.8	0.0	0.0	0.0	2.2
19	15.0	25.5	19.3	81.5	18.579	16.3	0.0	0.0	0.0	4.4
20	15.2	22.0	18.6	78.3	17.057	15.0	0.0	26.7	26.7	0.3
21	15.0	22.8	18.4	85.0	18.086	15.9	8.5	0.0	8.5	2.3
22	15.4	21.4	17.7	94.7	19.853	17.3	4.6	3.0	7.6	2.5
23	15.0	22.5	18.4	88.3	19.045	16.7	0.0	1.3	1.3	3.4
24	15.0	22.8	18.0	86.6	18.591	16.3	0.0	0.0	0.0	4.9
25	13.6	22.6	18.9	70.4	16.020	13.9	0.0	0.0	0.0	4.6
26	13.7	24.8	18.9	83.6	18.443	16.2	1.0	0.9	1.9	7.2
27	14.0	23.9	18.7	83.5	18.624	16.3	0.0	11.1	11.1	8.4
28	14.0	22.6	18.1	85.9	18.077	15.9	0.0	0.0	0.0	6.1
29	14.0	23.3	19.0	78.3	17.453	15.3	0.0	11.4	11.4	7.8
30	14.8	23.6	19.1	81.9	18.084	15.9	0.0	0.0	0.0	6.6
PROM.	14.8	23.2	18.9	81.4	18.130	15.9	59.0	118.0	177.0	

M E S – DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	22.5	18.4	84.1	18.419	16.2	0.0	0.0	0.0	0.8
2	14.5	25.2	19.9	70.4	16.817	14.8	0.0	0.0	0.0	5.2
3	14.6	25.8	20.3	67.2	16.808	14.6	0.0	0.0	0.0	6.0
4	16.6	23.6	18.9	84.6	18.735	16.4	0.0	0.7	0.7	1.3
5	16.0	21.9	19.0	89.7	19.925	17.4	1.6	0.0	1.6	0.0
6	16.0	23.9	19.3	82.9	18.776	16.5	0.0	0.0	0.0	6.2
7	15.0	24.6	19.5	77.6	18.112	15.9	0.0	0.0	0.0	6.2
8	15.6	21.5	18.4	88.9	18.878	16.5	0.0	0.0	0.0	0.5
9	15.2	23.7	19.2	85.8	19.353	17.0	4.3	4.1	8.4	3.9
10	15.5	23.0	18.6	92.2	20.101	17.6	2.5	0.0	2.5	1.8
11	15.5	22.4	18.8	88.8	19.765	17.3	0.0	0.0	0.0	2.9
12	16.0	22.5	18.7	83.3	18.318	16.0	0.0	4.2	4.2	1.8
13	16.0	21.5	18.2	95.6	20.341	17.7	0.0	0.0	0.0	2.1
14	15.5	25.4	20.8	70.2	17.542	15.4	0.0	0.0	0.0	9.4
15	14.5	25.2	20.2	70.0	17.083	15.0	0.0	0.0	0.0	8.7
16	14.5	25.6	20.1	73.5	17.711	15.5	0.0	1.2	1.2	7.7
17	17.0	22.6	18.4	87.9	18.946	16.6	2.8	15.7	18.5	1.2
18	16.2	21.0	18.3	91.6	19.600	17.2	9.6	0.7	10.3	0.4
19	15.5	21.4	17.6	90.9	18.704	16.4	1.6	23.4	25.0	0.2
20	16.2	22.2	18.7	93.3	20.357	17.8	0.0	0.0	0.0	4.1
21	15.0	23.4	19.1	82.2	18.582	16.3	0.0	0.2	0.2	5.8
22	15.5	23.5	18.8	79.4	17.120	15.0	0.0	0.0	0.0	4.2
23	14.5	24.5	19.5	75.5	17.359	15.3	0.0	0.0	0.0	8.7
24	14.6	25.0	19.6	79.6	18.555	16.3	0.2	0.0	0.2	6.8
25	15.6	23.3	18.4	81.9	17.463	15.3	0.0	0.0	0.0	1.7
26	15.5	24.2	19.3	75.4	17.303	15.2	0.0	0.0	0.0	7.9
27	15.5	22.4	17.8	94.1	19.619	17.2	1.3	7.4	8.7	1.7
28	15.5	22.4	18.5	89.2	19.187	16.8	0.0	3.4	3.4	1.9
29	15.5	21.5	17.8	92.8	19.548	17.1	4.8	0.0	4.8	1.1
30	15.8	20.5	17.2	94.7	18.983	16.7	1.7	0.0	1.7	0.2
31	14.5	24.4	20.0	75.4	17.954	15.8	0.0	0.0	0.0	8.5
PROM	15.4	23.2	18.9	83.5	18.579	16.3	30.4	61.0	91.4	118.9

ESTACION: GRANJA TIBACUY MUNICIPIO TIBACUY AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	14.7	23.8	18.9	13.0	26.3	74.0	16.215	14.1	182.5	16	
FEBRERO	15.6	23.4	19.0	13.5	25.5	77.7	17.138	15.0	148.4	17	96.2
MARZO	15.5	23.7	19.3	13.6	26.0	78.7	17.707	15.5	117.1	15	114.4
ABRIL	15.0	22.5	18.7	13.5	25.0	86.0	18.785	16.5	252.0	19	
MAYO	14.8	23.1	18.8	14.0	25.5	85.2	18.716	16.4	85.0	18	
JUNIO	14.9	24.2	19.4	14.0	26.5	77.5	17.669	15.5	13.2	7	
JULIO	14.5	24.7	19.4	12.6	27.5	70.8	16.019	13.9	12.0	10	
AGOSTO	15.1	26.0	20.3	13.8	27.6	62.4	14.847	12.8	5.0	3	
SEPTIEMBRE	15.6	24.9	20.1	13.2	27.3	68.9	16.241	14.2	41.4	11	
OCTUBRE	14.6	23.2	19.0	13.0	25.6	77.0	16.998	14.9	109.7	15	114.8
NOVIEMBRE	14.8	23.2	18.9	13.6	26.0	81.4	18.130	15.9	177.0	14	
DICIEMBRE	15.4	23.2	18.9	14.5	25.8	83.5	18.579	16.3	91.4	15	118.9
PROMEDIO	15.0	23.8	19.2	13.5	26.2	76.9	17.254	15.1			
TOTAL									1234.7	160	

ESTACION: JORGE VILLAMIL MUNICIPIO: GIGANTE AÑO: 1.982

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

M E S - ENERO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	20.5	18.8	88.5	19.474	17.1	2.8	5.3	8.1	0.0
2	15.0	21.0	17.7	92.6	18.620	16.4	0.0	3.9	3.9	0.6
3	15.5	21.0	18.4	95.2	20.221	17.7	1.8	19.7	21.5	0.3
4	14.5	20.5	17.4	90.5	18.002	15.8	2.2	0.7	2.9	0.7
5	15.5	20.5	18.1	95.5	19.835	17.4	0.0	14.4	14.4	0.8
6	15.5	21.6	18.3	97.7	18.328	16.1	0.0	0.0	0.0	3.2
7	15.8	22.0	18.3	83.2	18.624	16.4	0.8	3.9	4.7	1.4
8	16.0	22.5	18.5	89.1	18.942	16.6	0.0	0.2	0.2	1.5
9	16.0	22.0	19.1	91.7	20.168	17.6	13.3	14.0	27.3	1.5
10	16.5	23.0	18.8	89.5	19.498	17.1	5.5	0.0	5.5	1.5
11	15.0	24.5	19.7	85.0	19.309	16.9	3.6	0.0	3.6	4.5
12	16.0	24.8	20.2	79.8	18.764	16.5	6.1	0.0	6.1	5.8
13	16.5	23.6	20.3	76.7	18.628	15.9	0.8	0.0	0.8	2.9
14	15.0	26.5	21.2	74.0	18.304	16.1	0.5	0.0	0.5	8.9
15	16.5	23.5	20.6	89.4	21.424	18.6	0.2	0.7	0.9	2.6
16	16.0	24.0	20.2	90.0	21.182	18.4	1.4	3.7	5.1	3.5
17	17.5	23.5	20.6	87.6	21.053	18.3	0.0	0.0	0.0	3.3
18	15.5	26.6	20.4	76.5	18.230	16.0	0.0	0.0	0.0	5.7
19	14.5	27.8	21.1	62.5	15.098	13.1	0.0	0.0	0.0	9.2
20	14.5	27.8	21.1	61.7	15.084	13.0	0.0	0.0	0.0	9.7
21	14.8	25.6	20.4	77.5	18.256	16.0	0.0	0.0	0.0	9.5
22	16.0	25.0	20.6	81.1	19.552	17.1	0.0	0.0	0.0	7.6
23	15.5	26.6	20.8	78.3	18.875	16.6	0.0	0.0	0.0	6.1
24	15.5	25.8	21.5	67.9	16.597	14.6	0.0	0.0	0.0	8.7
25	16.2	25.0	20.5	76.8	18.079	15.9	0.0	0.0	0.0	8.3
26	16.5	24.5	19.9	77.8	18.167	15.9	0.0	2.0	2.0	5.5
27	15.5	21.5	18.8	87.4	18.847	16.6	9.9	0.0	9.9	1.1
28	15.0	22.5	19.4	82.5	18.211	16.0	0.0	0.0	0.0	1.6
29	15.5	21.5	18.3	91.3	19.153	16.8	4.4	0.0	4.4	0.1
30	15.0	24.5	18.9	79.6	17.028	15.0	0.0	0.0	0.0	3.4
31	15.5	24.3	19.7	84.7	19.269	16.9	0.4	0.0	0.4	4.1
PROM.	15.6	23.7	19.6	83.1	18.736	16.4	53.7	70.5	124.2	123.6

M E S - FEBRERO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	24.0	19.3	80.3	17.803	15.6	0.6	0.0	0.6	4.7
2	15.0	26.0	20.5	69.8	16.413	14.4	0.0	0.0	0.0	6.0
3	16.0	25.3	20.2	83.7	19.609	17.2	0.0	0.0	0.0	4.3
4	16.3	26.2	20.9	74.1	18.109	15.9	0.0	0.2	0.2	4.4
5	17.4	23.3	19.0	86.2	18.758	16.5	2.5	0.0	2.5	1.7
6	17.5	26.3	21.0	69.1	17.343	15.2	0.0	9.4	9.4	2.7
7	17.0	22.4	18.8	88.0	19.172	16.9	0.3	0.0	0.3	0.7
8	15.8	26.5	20.3	78.5	18.511	16.3	0.0	0.0	0.0	4.0
9	16.5	26.5	20.8	69.0	16.440	14.4	0.0	0.0	0.0	5.4
10	17.6	26.6	21.2	76.8	19.404	16.9	0.0	0.0	0.0	3.7
11	17.0	26.4	21.1	79.8	19.954	17.4	0.0	0.0	0.0	2.3
12	17.0	25.6	20.1	83.6	19.459	17.0	0.6	0.0	0.6	3.3
13	16.5	28.3	21.4	72.0	17.905	15.5	0.0	9.6	9.6	7.2
14	16.5	22.3	19.3	93.4	20.786	18.1	7.6	7.1	14.7	0.8
15	16.0	20.5	18.4	93.0	19.808	17.3	2.5	0.4	2.9	0.0
16	15.6	23.4	19.8	91.8	21.097	18.3	0.5	2.8	3.3	5.2
17	16.0	23.2	20.1	87.0	20.229	17.7	0.0	0.0	0.0	7.6
18	16.5	22.5	19.5	86.9	19.693	17.3	0.0	0.0	0.0	3.0
19	15.5	22.5	19.8	87.2	20.047	17.3	0.0	6.3	6.3	1.4
20	17.0	22.0	19.0	94.0	20.558	17.9	2.2	25.7	27.9	1.4
21	15.5	23.5	19.2	90.8	20.062	17.5	0.2	0.1	0.3	2.1
22	17.0	23.2	19.4	85.0	18.988	16.7	0.0	4.0	4.0	0.8
23	17.0	23.0	19.8	90.4	20.659	18.0	4.2	0.0	4.2	0.3
24	16.6	23.0	19.6	90.0	20.357	17.8	0.0	0.0	0.0	0.1
25	16.6	25.0	20.6	78.6	18.966	16.6	7.2	11.6	18.8	5.8
26	17.0	25.5	21.2	77.0	19.040	16.7	0.0	0.0	0.0	4.6
27	17.0	24.0	19.6	86.0	19.779	17.3	4.3	0.0	4.3	1.7
28	17.0	23.0	19.7	78.0	17.801	15.7	0.0	0.0	0.0	1.5
PROM	16.5	24.3	20.0	82.9	19.170	16.8	32.7	77.2	109.9	86.7

ESTACION: JORGE VILLAMIL MUNICIPIO: GIGANTE AÑO: 1.982

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

M E S - MARZO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	26.5	20.8	78.6	19.074	16.7	0.0	0.0	0.0	3.1
2	17.0	24.5	20.1	86.9	20.439	17.8	0.0	2.4	2.4	4.7
3	14.6	22.5	18.7	89.4	18.963	16.6	0.0	0.0	0.0	3.6
4	17.0	24.5	21.0	84.4	20.912	18.2	0.0	0.0	0.0	6.8
5	17.5	24.5	20.3	78.1	18.547	16.3	0.5	0.5	1.0	3.2
6	16.5	23.0	19.3	90.2	20.106	17.6	0.0	0.0	0.0	3.6
7	16.5	25.5	20.8	82.5	20.258	17.7	1.0	0.0	1.0	7.8
8	16.0	25.0	19.9	88.4	20.352	17.8	0.0	10.0	10.0	4.8
9	16.5	23.0	20.0	88.1	20.347	17.8	0.0	7.5	7.5	2.9
10	16.0	24.0	19.2	87.5	19.525	17.1	6.7	0.4	7.1	3.9
11	16.5	24.0	20.6	79.3	19.090	16.8	0.0	0.0	0.0	4.0
12	16.0	26.0	20.5	76.0	17.987	15.8	0.0	0.0	0.0	3.5
13	16.5	23.5	19.8	78.2	18.180	15.9	0.0	0.0	0.0	1.6
14	15.5	24.5	20.0	74.5	17.347	15.2	0.0	0.0	0.0	4.3
15	16.0	23.5	19.9	86.9	20.174	17.6	0.5	8.1	8.6	3.2
16	16.0	21.6	18.8	91.0	19.907	17.4	7.4	13.6	21.0	0.2
17	14.5	25.5	19.0	85.2	18.683	16.4	28.2	6.7	34.9	2.4
18	17.0	22.0	18.9	89.1	19.425	17.0	0.1	0.0	0.1	1.8
19	15.5	23.5	19.8	80.5	18.425	16.2	0.7	0.0	0.7	2.5
20	16.5	21.5	19.1	89.9	19.704	17.3	0.0	0.0	0.0	0.0
21	16.0	25.5	21.1	68.9	16.905	14.9	0.0	0.5	0.5	2.8
22	17.0	24.5	20.2	71.2	16.693	14.7	0.2	0.0	0.2	0.8
23	17.0	25.0	20.6	70.2	17.201	15.1	3.1	0.0	3.1	2.5
24	16.5	27.5	21.4	73.8	18.670	16.3	0.0	10.2	10.2	4.5
25	16.5	26.0	21.0	78.5	19.091	16.8	0.0	0.0	0.0	3.6
26	16.5	23.5	20.4	84.4	20.289	17.6	1.3	0.5	1.8	2.5
27	16.4	24.0	20.2	84.6	19.583	17.1	0.0	10.3	10.3	2.9
28	17.5	24.5	20.1	82.2	19.195	16.8	0.0	1.3	1.3	2.0
29	16.5	20.0	18.4	93.3	19.648	17.2	14.6	0.0	14.6	0.6
30	15.5	25.4	21.4	70.7	17.878	15.7	0.0	0.5	0.5	5.3
31	16.5	26.5	20.9	72.1	17.580	15.4	2.5	0.4	2.9	3.3
PROM.	16.3	24.2	20.1	81.8	19.038	16.7	66.8	72.9	139.7	98.7

M E S - ABRIL

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	24.0	20.3	82.4	19.657	17.2	2.2	7.7	9.9	2.1
2	17.0	23.2	19.8	87.1	20.193	17.6	0.7	0.0	0.7	0.6
3	16.0	22.5	19.5	89.5	20.262	17.7	0.6	0.0	0.6	0.4
4	16.2	23.5	19.4	87.9	20.364	17.8	33.5	4.3	37.8	1.5
5	14.5	27.0	20.7	73.7	17.691	15.6	10.1	0.0	10.1	6.5
6	17.0	22.5	18.6	88.8	19.292	16.9	1.7	0.0	1.7	0.2
7	16.0	22.5	19.9	81.1	18.785	16.5	0.6	0.0	0.6	1.4
8	17.5	26.5	21.0	75.5	18.445	16.2	0.0	0.0	0.0	5.4
9	17.0	21.5	18.9	90.3	19.403	17.0	0.9	5.3	6.2	1.1
10	15.5	20.0	18.4	87.4	18.210	15.9	7.3	0.0	7.3	0.0
11	16.5	28.5	20.7	67.0	16.256	14.2	0.0	0.0	0.0	2.9
12	16.6	23.5	19.7	81.4	18.795	16.5	0.0	18.0	18.0	4.6
13	15.4	22.5	19.4	90.6	20.286	17.7	0.0	0.8	0.8	2.6
14	16.4	24.0	20.4	86.5	20.689	18.0	0.0	6.3	6.3	4.6
15	16.5	24.5	20.5	84.9	20.324	17.7	0.0	0.0	0.0	7.0
16	17.0	25.0	20.7	83.0	20.211	17.6	0.0	0.0	0.0	1.2
17	17.2	21.5	18.5	88.6	19.229	16.9	0.7	2.4	3.1	0.1
18	16.0	26.0	20.5	81.0	19.584	17.2	1.4	18.8	20.2	4.5
19	16.0	24.0	20.5	80.2	19.230	16.8	0.0	0.0	0.0	4.0
20	17.0	27.0	21.7	72.2	18.298	16.1	0.0	1.3	1.3	6.4
21	17.0	23.0	19.6	85.0	19.491	17.1	2.9	0.0	2.9	1.3
22	17.5	25.5	20.8	77.8	19.173	16.8	0.0	0.0	0.0	4.9
23	15.5	26.5	20.9	73.3	17.842	15.6	0.0	0.5	0.5	5.9
24	17.0	23.5	19.3	89.7	20.069	17.5	0.6	0.0	0.6	0.8
25	15.0	27.5	21.2	69.5	17.421	15.2	2.5	0.3	2.8	4.4
26	17.0	25.0	21.1	70.8	17.751	15.6	0.0	0.0	0.0	3.2
27	17.0	26.5	21.2	73.6	18.390	16.2	0.0	1.8	1.8	4.6
28	16.5	20.6	19.0	89.2	19.601	17.2	3.7	0.0	3.7	0.0
29	15.5	26.0	20.2	76.7	18.259	16.1	4.9	5.0	9.9	5.2
30	16.0	20.0	17.9	93.7	19.021	16.7	8.4	0.0	8.4	0.0
PROM	16.4	24.1	20.0	81.9	19.074	16.7	82.7	72.5	155.2	87.4

ESTACION: JORGE VILLAMIL MUNICIPIO: GIGANTE AÑO: 1.982

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	26.0	20.6	71.3	17.453	15.3	0.0	0.0	0.0	2.0
2	15.5	24.6	20.0	60.7	14.115	12.1	0.0	0.0	0.0	3.0
3	16.4	24.0	20.6	66.3	16.205	14.2	0.0	0.0	0.0	2.9
4	16.5	25.5	20.3	70.7	16.977	14.9	0.0	0.0	0.0	2.5
5	16.5	26.0	20.9	73.5	18.128	15.9	1.0	0.0	1.0	5.0
6	15.0	26.5	21.0	68.4	16.904	14.9	0.0	0.0	0.0	5.8
7	16.5	24.0	19.9	83.0	19.152	16.8	2.7	0.0	2.7	1.1
8	16.5	23.5	19.6	88.3	20.315	17.7	10.1	0.0	10.1	0.5
9	17.0	25.5	21.0	76.5	18.970	16.6	0.5	0.0	0.5	3.7
10	16.5	25.0	19.7	75.6	17.669	15.5	1.0	0.7	1.7	3.1
11	15.5	25.0	20.1	77.3	17.873	15.7	4.3	0.0	4.3	2.0
12	17.5	25.0	21.9	69.7	17.956	15.8	0.0	0.0	0.0	5.5
13	17.5	25.0	21.1	64.6	16.412	14.4	0.0	0.0	0.0	3.7
14	17.5	26.0	20.8	69.4	17.373	15.3	0.9	0.0	0.9	3.3
15	17.0	26.5	20.2	77.3	18.234	16.0	1.9	0.0	1.9	3.4
16	16.5	25.0	20.7	63.7	15.355	13.3	0.0	0.0	0.0	1.9
17	16.0	25.5	21.1	69.6	17.363	15.3	0.0	0.0	0.0	4.1
18	17.5	24.8	19.9	91.5	21.349	18.5	1.7	6.3	8.0	1.8
19	16.0	22.0	18.9	86.2	18.956	16.6	19.8	0.0	19.8	0.2
20	16.0	25.2	20.0	80.1	18.592	16.3	5.8	14.1	19.9	0.0
21	15.5	23.0	18.4	87.1	18.169	16.0	2.5	4.9	7.4	4.3
22	17.0	22.5	19.1	88.0	19.605	17.2	17.1	3.9	21.0	0.6
23	15.5	23.9	19.5	80.4	18.073	15.9	0.0	0.0	0.0	0.9
24	16.0	26.0	20.3	74.4	17.809	15.7	0.4	0.0	0.4	5.9
25	16.5	23.8	19.1	86.3	19.114	16.8	7.2	0.2	7.4	1.5
26	16.3	24.0	20.1	76.5	18.062	15.9	0.0	0.0	0.0	1.3
27	16.6	25.5	20.4	69.9	16.865	14.8	0.7	19.3	20.0	2.7
28	16.2	20.4	17.9	89.1	18.156	16.0	17.6	0.0	17.6	0.0
29	16.4	23.2	18.5	87.7	18.626	16.4	4.3	0.0	4.3	1.1
30	15.0	23.5	19.5	76.2	17.416	15.3	0.0	0.0	0.0	3.7
31	15.5	21.5	18.1	87.2	18.327	16.1	5.2	0.0	5.2	0.9
PROM.	16.4	24.4	20.0	77.0	17.922	15.7	104.7	49.4	154.1	78.4

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	23.0	18.6	79.7	17.218	15.2	0.1	0.0	0.1	3.0
2	15.0	22.5	19.3	73.8	16.705	14.7	0.0	0.0	0.0	1.4
3	15.5	24.0	19.0	80.3	17.693	15.5	1.2	0.0	1.2	4.5
4	15.0	23.5	19.9	76.8	17.726	15.6	0.1	1.5	1.6	1.8
5	16.5	23.5	19.8	84.4	19.272	16.9	0.0	0.0	0.0	1.1
6	16.5	24.0	19.5	73.9	17.968	15.7	3.8	0.0	3.8	0.6
7	14.5	25.0	20.2	65.4	15.489	13.5	0.0	1.2	1.2	2.7
8	16.5	24.0	19.2	82.0	18.038	15.9	5.2	0.0	5.2	0.0
9	14.4	26.0	22.1	57.4	15.223	13.2	0.0	0.0	0.0	4.5
10	16.5	25.5	19.8	80.9	18.338	16.1	3.9	0.0	3.9	4.5
11	17.0	26.8	21.4	68.3	17.281	15.2	0.0	1.5	1.5	6.7
12	16.5	24.0	20.4	76.5	18.092	15.9	0.3	0.0	0.3	5.1
13	16.5	25.5	21.0	69.8	17.701	15.5	0.0	3.0	3.0	3.6
14	15.5	25.0	19.9	72.7	16.643	14.6	0.0	0.0	0.0	3.7
15	15.4	25.9	20.4	67.4	15.754	13.7	0.0	0.0	0.0	4.4
16	16.0	22.5	19.0	76.0	16.722	14.7	1.5	3.9	5.4	2.1
17	15.4	21.0	18.4	83.9	17.706	15.6	4.0	0.0	4.0	0.3
18	15.4	26.9	21.4	71.5	17.924	15.7	0.0	0.0	0.0	7.5
19	16.5	27.1	21.8	63.4	16.529	14.5	0.0	0.0	0.0	6.1
20	16.0	24.6	19.5	84.1	18.929	16.6	4.5	0.0	4.5	3.3
21	16.5	26.5	20.9	63.1	15.618	13.7	0.3	0.1	0.4	5.2
22	15.5	25.5	20.5	69.6	16.787	14.8	0.2	3.4	3.6	3.9
23	15.6	26.0	20.2	66.4	15.547	13.6	0.0	0.0	0.0	5.9
24	16.0	22.8	19.8	71.6	16.646	14.6	0.6	0.0	0.6	1.5
25	14.4	26.0	20.2	63.1	14.770	12.6	0.0	0.0	0.0	7.2
26	15.0	28.0	21.4	60.4	14.901	12.9	0.0	1.1	1.1	6.7
27	16.0	22.8	19.2	80.4	18.235	16.0	5.4	0.0	5.4	0.2
28	15.5	25.0	19.2	69.1	15.354	13.4	0.0	1.1	1.1	5.5
29	15.0	24.0	19.6	78.6	17.725	15.6	0.3	1.2	1.5	3.7
30	16.0	24.5	19.4	71.7	16.269	14.3	0.0	3.3	3.3	2.8
PROM	15.7	24.7	20.0	72.9	16.960	14.9	31.4	21.3	52.7	109.5

ESTACION: JORGE VILLAMIL MUNICIPIO: GIGANTE AÑO: 1.982

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

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	20.5	17.6	94.0	18.933	16.6	15.1	2.9	18.0	0.4
2	14.4	19.5	17.3	91.3	18.011	15.9	10.4	0.0	10.4	0.0
3	14.5	19.3	17.3	85.0	16.917	14.8	16.9	0.0	16.9	0.3
4	14.0	22.8	19.9	71.4	16.091	14.0	0.2	0.0	0.2	1.4
5	15.0	25.5	20.9	68.5	16.503	14.4	0.0	0.0	0.0	6.1
6	16.0	21.0	18.5	85.5	18.219	16.0	0.5	0.0	0.5	0.0
7	16.5	25.5	20.0	63.7	14.858	12.9	0.0	0.0	0.0	3.7
8	16.0	23.0	17.4	85.7	17.249	15.1	10.0	0.0	10.0	0.7
9	14.0	26.5	20.6	60.4	14.228	12.2	0.0	0.0	0.0	8.2
10	16.0	25.8	21.0	63.2	15.394	13.4	0.0	0.0	0.0	4.0
11	16.5	26.3	21.2	69.2	17.366	15.2	0.0	0.4	0.4	3.7
12	16.0	22.5	18.8	87.0	18.554	16.3	4.5	1.8	6.3	0.2
13	16.0	26.0	20.6	65.1	15.465	13.5	0.0	0.0	0.0	5.9
14	16.0	24.5	20.7	63.6	15.114	13.1	0.0	0.0	0.0	2.8
15	15.3	25.5	20.3	60.9	14.660	12.7	0.0	0.3	0.3	3.7
16	15.5	26.2	20.1	67.0	15.280	13.1	0.0	0.0	0.0	6.2
17	14.0	25.5	20.4	62.5	14.626	12.6	0.0	2.5	2.5	5.7
18	15.0	22.5	18.3	83.4	17.584	15.5	0.7	0.0	0.7	0.5
19	15.5	22.5	18.7	81.5	17.535	15.4	0.0	0.0	0.0	1.8
20	15.6	19.5	17.1	83.0	16.223	14.2	4.9	0.0	4.9	0.0
21	15.0	26.5	19.5	64.6	14.437	12.5	0.0	0.0	0.0	3.7
22	14.0	23.0	18.4	69.7	14.631	12.7	0.0	0.1	0.1	1.7
23	14.5	21.5	17.3	81.9	16.330	14.3	0.0	0.0	0.0	1.6
24	15.4	21.5	17.9	76.0	15.486	13.5	1.3	0.0	1.3	0.7
25	15.0	24.9	20.4	64.9	15.884	13.9	0.0	0.9	0.9	3.3
26	15.5	23.0	18.9	81.9	17.522	15.4	2.7	0.0	2.7	2.0
27	15.6	24.7	18.8	72.7	15.798	13.7	10.3	1.0	11.3	1.3
28	16.3	23.8	18.3	76.9	16.137	14.0	5.7	0.4	6.1	2.0
29	16.0	23.8	19.7	73.5	16.604	14.5	0.0	3.8	3.8	2.6
30	16.4	24.9	19.4	75.0	16.578	14.5	2.2	2.5	4.7	4.9
31	15.0	24.0	19.8	64.7	14.877	12.9	0.0	0.0	0.0	4.9
PROM.	15.3	23.6	19.2	74.0	16.229	14.2	85.4	16.6	102.0	84.0

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	24.5	19.9	63.2	14.573	12.5	0.2	0.0	0.2	5.2
2	16.8	25.6	20.1	75.3	17.527	15.4	0.1	0.0	0.1	4.7
3	14.5	22.5	18.5	71.7	15.278	13.2	0.0	0.0	0.0	1.8
4	16.5	26.8	19.5	64.9	14.559	12.6	0.2	0.0	0.2	7.3
5	14.5	26.7	20.1	57.4	13.295	11.1	0.1	0.0	0.1	5.9
6	16.0	23.8	18.9	74.5	16.226	14.2	0.3	0.0	0.3	3.1
7	16.5	24.1	19.1	74.5	16.627	14.5	1.4	1.0	2.4	3.6
8	16.2	24.7	19.8	65.8	15.201	13.2	0.1	0.0	0.1	1.2
9	14.6	28.4	20.8	56.1	12.960	10.7	0.0	0.5	0.5	9.0
10	16.5	24.8	19.0	70.9	15.570	13.6	0.1	0.0	0.1	3.7
11	15.5	23.9	18.6	79.3	16.984	14.9	0.0	0.6	0.6	3.8
12	14.9	24.4	19.0	72.0	15.588	13.6	0.0	0.0	0.0	2.8
13	16.8	27.0	20.9	57.0	13.786	11.7	0.0	0.2	0.2	7.4
14	15.5	24.8	19.4	67.7	15.184	13.2	0.0	0.0	0.0	2.5
15	18.5	25.5	19.9	69.4	16.205	14.2	0.0	3.4	3.4	3.6
16	15.5	24.8	19.9	64.9	14.793	12.8	0.0	0.0	0.0	4.0
17	16.0	24.2	18.5	81.5	17.577	15.4	0.3	0.0	0.3	2.8
18	15.6	22.8	18.3	83.6	17.546	15.4	1.6	0.0	1.6	2.1
19	14.9	21.0	17.8	82.6	16.988	15.0	4.4	0.0	4.4	0.6
20	16.5	22.9	18.4	81.2	17.243	15.2	1.7	0.0	1.7	2.1
21	15.9	26.5	20.4	61.4	15.050	13.0	0.0	0.0	0.0	3.8
22	14.5	26.4	20.3	63.8	14.913	12.9	0.0	0.0	0.0	3.8
23	18.5	23.9	19.9	74.3	17.349	15.2	3.2	0.0	3.2	1.2
24	16.2	25.5	19.6	72.3	16.285	14.3	0.0	0.2	0.2	2.3
25	16.5	26.9	19.7	62.9	14.339	12.3	0.0	0.0	0.0	4.5
26	16.5	24.1	19.8	60.4	14.045	12.0	0.0	0.0	0.0	3.0
27	16.5	25.5	20.0	70.0	16.398	14.4	0.4	0.0	0.4	1.8
28	16.3	24.9	18.6	79.7	17.111	15.0	2.0	0.0	2.0	1.3
29	15.2	26.5	21.1	59.9	14.944	12.9	0.0	0.0	0.0	6.6
30	17.0	21.0	18.6	85.2	18.425	16.2	1.6	0.2	1.8	1.1
31	15.5	20.5	17.4	87.6	17.340	15.2	5.2	0.0	5.2	0.2
PROM	15.9	24.7	19.4	70.7	15.804	13.7	22.9	6.1	29.0	106.8

ESTACION: JORGE VILLAMIL MUNICIPIO: GIGANTE AÑO: 1.982

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	24.5	19.4	72.8	16.412	14.3	0.0	0.0	0.0	3.1
2	16.5	21.5	18.7	77.3	16.914	14.8	0.0	0.0	0.0	1.1
3	16.5	24.6	18.8	79.5	17.392	15.3	0.2	0.0	0.2	2.0
4	15.5	25.0	20.0	69.7	16.169	14.2	0.0	0.0	0.0	3.7
5	16.8	22.5	18.0	85.5	17.862	15.7	1.6	0.0	1.6	2.0
6	16.5	26.3	19.7	59.5	13.554	11.4	0.0	0.0	0.0	5.7
7	16.3	25.8	20.7	70.6	16.994	14.9	0.0	0.0	0.0	3.5
8	17.5	24.8	19.7	84.6	19.108	16.7	0.7	0.0	0.7	5.5
9	15.8	25.6	20.5	71.2	17.120	15.1	0.0	0.0	0.0	3.0
10	16.5	27.5	22.2	59.8	15.631	13.6	0.0	0.0	0.0	3.9
11	17.5	24.8	19.6	81.6	18.776	16.5	1.1	0.0	1.1	2.0
12	17.0	27.7	22.3	53.5	14.121	12.0	0.0	0.0	0.0	4.2
13	17.3	27.4	22.6	60.5	16.477	14.5	0.0	0.0	0.0	4.9
14	17.6	26.3	21.4	67.3	17.169	15.1	0.0	0.0	0.0	2.2
15	17.0	25.9	20.4	75.5	17.857	15.7	1.0	0.0	1.0	3.6
16	17.0	24.0	20.3	79.3	19.003	16.7	1.4	0.3	1.7	2.0
17	17.0	23.5	19.8	87.4	19.863	17.4	5.9	0.0	5.9	1.5
18	16.8	25.0	19.4	87.7	19.479	17.1	6.3	0.1	6.4	3.1
19	16.0	25.6	19.4	70.9	16.065	14.1	0.0	0.0	0.0	2.4
20	16.5	25.9	20.5	62.6	14.933	12.9	0.0	0.0	0.0	4.9
21	16.5	28.1	21.6	56.1	14.136	12.1	0.0	0.0	0.0	4.6
22	16.9	26.9	20.8	57.2	14.072	12.0	0.0	0.0	0.0	2.8
23	17.0	28.0	20.5	63.0	15.010	13.0	0.3	0.0	0.3	5.8
24	17.5	27.5	21.8	58.3	14.997	13.0	0.0	0.0	0.0	4.2
25	17.5	26.5	22.1	67.0	17.666	15.4	1.9	0.0	1.9	1.5
26	16.0	22.4	18.9	88.6	19.682	17.2	5.0	5.2	10.2	2.1
27	17.5	25.0	20.2	79.1	18.488	16.3	0.5	1.2	1.7	2.1
28	15.6	24.0	19.9	81.0	18.772	16.5	0.5	10.4	10.9	3.4
29	14.5	24.5	19.9	78.6	18.018	15.8	3.0	0.0	3.0	3.5
30	16.5	26.0	20.2	72.9	17.097	15.0	2.2	0.0	2.2	3.8
PROM.	16.6	25.4	20.3	72.0	16.961	14.8	31.6	17.2	48.8	98.1

M E S - OCTUBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	26.6	20.0	70.2	16.433	14.4	0.0	0.0	0.0	4.3
2	15.3	27.0	21.6	62.3	16.002	14.0	0.5	13.3	13.8	6.3
3	15.5	22.5	18.7	75.0	16.208	14.2	0.0	0.0	0.0	2.2
4	16.5	26.0	20.4	76.7	17.930	15.7	3.7	0.0	3.7	2.8
5	16.5	23.8	19.1	83.8	18.317	16.1	7.8	0.0	7.8	4.8
6	16.4	27.0	22.2	63.0	16.347	14.3	0.0	1.9	1.9	5.3
7	16.5	27.6	21.7	63.4	16.012	14.0	0.0	0.0	0.0	7.1
8	16.8	24.3	19.9	80.6	18.623	16.4	0.0	2.0	2.0	4.0
9	16.2	23.3	18.6	84.5	17.945	15.8	4.9	12.0	16.9	2.2
10	16.2	21.0	18.1	89.2	18.435	16.2	17.0	5.4	22.4	0.7
11	16.3	23.8	19.0	75.5	16.545	14.5	0.0	0.0	0.0	4.6
12	15.0	26.5	21.0	57.0	13.815	11.7	0.0	0.0	0.0	4.1
13	15.3	24.3	19.6	71.5	16.362	14.4	0.0	0.4	0.4	3.5
14	16.6	27.9	21.0	68.1	16.525	14.5	0.0	0.0	0.0	5.6
15	17.6	24.9	20.9	73.4	18.048	15.9	0.0	0.0	0.0	2.5
16	17.1	25.8	20.8	60.2	14.520	12.5	0.0	0.2	0.2	2.3
17	17.0	24.5	19.5	75.7	17.367	15.3	2.1	0.0	2.1	0.0
18	15.5	26.5	20.2	73.9	17.385	15.3	0.3	0.0	0.3	6.2
19	17.0	27.5	20.9	73.1	17.974	15.8	28.6	10.9	39.5	4.8
20	16.5	25.8	19.6	76.0	17.050	15.0	1.5	0.0	1.5	2.8
21	17.0	20.5	18.2	90.9	18.995	16.7	2.0	0.7	2.7	0.0
22	16.6	21.0	18.2	88.4	18.687	16.4	3.2	0.0	3.2	0.0
23	16.5	22.7	18.6	89.1	19.077	16.7	0.0	9.3	9.3	2.1
24	16.5	21.9	17.9	91.1	18.573	16.3	5.0	0.0	5.0	0.0
25	16.0	23.6	19.7	69.0	15.702	13.7	2.1	1.0	3.1	0.0
26	16.6	21.4	17.9	85.7	17.736	15.5	1.7	0.0	1.7	0.8
27	14.5	26.0	19.6	58.5	13.200	11.0	0.0	0.0	0.0	3.6
28	16.5	25.9	19.9	70.3	16.304	14.3	5.9	0.0	5.9	3.4
29	16.5	25.0	20.2	66.1	15.564	13.6	0.0	0.0	0.0	0.5
30	16.5	26.0	20.4	70.1	16.641	14.6	0.3	0.0	0.3	2.8
31	16.5	25.8	20.3	68.2	16.050	14.0	0.0	0.0	0.0	3.6
PROM	16.3	24.7	19.8	74.2	16.915	14.8	86.6	57.1	143.7	92.9

ESTACION: JORGE VILLAMIL MUNICIPIO: GIGANTE AÑO: 1.982

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

M E S – NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	25.8	21.0	64.1	16.006	14.0	0.0	0.0	0.0	1.9
2	17.3	26.5	20.2	82.8	19.571	17.2	0.0	1.5	1.5	2.9
3	17.5	22.2	18.8	85.9	18.902	16.6	4.3	0.7	5.0	2.7
4	16.5	24.3	19.7	83.1	18.940	16.6	0.0	0.0	0.0	2.6
5	18.0	24.5	19.6	80.6	18.466	16.2	0.0	22.6	22.6	1.7
6	16.8	23.3	19.0	83.8	18.392	16.2	0.6	0.0	0.6	0.9
7	17.5	25.8	21.4	62.5	16.081	14.1	0.6	0.0	0.6	5.1
8	17.5	27.5	21.9	65.4	17.074	15.0	0.0	0.0	0.0	5.3
9	18.0	26.5	20.8	68.5	16.872	14.8	0.4	0.0	0.4	3.4
10	17.5	26.5	21.2	64.2	15.945	13.9	0.0	0.0	0.0	0.8
11	17.0	27.0	20.8	66.5	16.398	14.4	0.0	0.0	0.0	1.8
12	17.0	24.3	19.2	82.2	18.158	16.0	0.0	0.0	0.0	2.5
13	17.5	26.0	21.8	63.0	15.954	13.9	0.0	0.6	0.6	3.7
14	18.5	25.5	20.9	65.2	16.174	14.2	1.6	0.0	1.6	6.1
15	17.5	26.0	21.2	70.2	17.912	15.7	0.0	0.0	0.0	2.5
16	18.0	27.0	21.0	70.7	17.540	15.4	0.0	0.0	0.0	3.0
17	18.0	22.8	19.7	75.5	17.588	15.5	0.3	0.0	0.3	0.0
18	17.4	26.5	20.2	71.8	17.286	15.2	0.9	0.0	0.9	2.5
19	18.0	27.5	21.5	65.9	17.116	15.1	0.0	0.1	0.1	2.1
20	18.0	24.5	20.1	80.8	19.403	17.0	0.4	7.9	8.3	3.1
21	15.5	24.0	19.9	83.9	19.481	17.1	0.0	1.1	1.1	3.3
22	16.0	23.0	19.2	87.3	19.535	17.1	1.0	1.1	2.1	3.8
23	17.0	22.0	19.7	83.5	18.940	16.6	6.6	0.0	6.6	0.3
24	16.5	23.0	19.1	79.2	17.568	15.4	24.2	0.0	24.2	1.7
25	16.5	23.0	19.3	63.0	14.200	12.1	0.0	0.0	0.0	0.8
26	16.3	26.8	21.6	61.8	15.460	13.5	0.0	1.6	1.6	7.6
27	16.6	23.6	19.3	85.6	19.183	16.8	0.1	0.0	0.1	1.5
28	17.0	24.5	20.1	80.8	19.081	16.8	0.0	0.0	0.0	6.0
29	16.5	25.0	20.2	76.4	17.877	15.7	0.0	0.0	0.0	2.9
30	16.0	26.5	20.9	68.3	16.601	14.5	0.0	0.2	0.2	5.5
PROM.	17.1	25.0	20.3	74.1	17.589	15.4	41.0	37.4	78.4	88.0

M E S – DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	22.5	19.3	76.6	17.383	15.3	0.1	0.0	0.1	1.0
2	17.4	26.5	20.5	73.9	17.684	15.6	0.4	0.0	0.4	3.2
3	17.0	28.5	21.5	63.5	16.208	14.2	0.0	0.0	0.0	4.9
4	17.3	26.0	21.4	70.2	17.906	15.7	0.0	21.0	21.0	3.0
5	18.0	21.9	19.2	90.1	20.241	17.7	13.7	0.0	13.7	0.0
6	17.0	23.5	20.3	83.3	19.799	17.3	1.5	0.0	1.5	2.0
7	16.0	25.5	21.4	66.7	16.813	14.7	0.0	2.6	2.6	3.1
8	17.0	25.4	20.2	74.0	17.431	15.3	1.4	23.2	24.6	1.8
9	16.5	24.8	20.0	73.5	17.116	15.0	0.0	0.0	0.0	1.2
10	16.5	26.1	21.5	67.2	16.892	14.8	0.0	11.7	11.7	4.1
11	16.5	25.5	20.4	77.9	18.518	16.3	0.0	2.9	2.9	4.1
12	17.0	25.6	21.0	76.2	18.858	16.6	0.0	2.9	2.9	3.0
13	18.0	23.5	20.0	78.2	18.403	16.2	8.6	0.0	8.6	1.3
14	15.6	25.5	20.8	73.8	17.846	15.7	0.0	0.0	0.0	5.8
15	16.5	26.8	21.6	66.1	16.960	14.9	0.0	0.0	0.0	4.0
16	17.0	26.8	22.0	73.2	19.435	17.0	0.0	0.0	0.0	6.2
17	18.5	24.8	21.3	88.0	22.190	19.1	0.0	13.4	13.4	3.4
18	16.0	23.3	19.6	83.7	19.057	16.7	0.5	1.1	1.6	1.3
19	17.0	20.8	19.2	88.8	19.745	17.3	9.7	0.0	9.7	0.0
20	16.0	25.0	19.8	75.1	17.340	15.3	5.0	0.0	5.0	0.8
21	16.6	25.5	20.5	73.1	17.683	15.6	22.2	0.1	22.3	3.3
22	16.5	25.5	19.9	77.5	18.169	16.0	0.3	0.0	0.3	4.4
23	16.3	24.9	20.4	86.0	20.523	17.9	0.7	0.0	0.7	3.5
24	17.6	27.0	20.3	73.5	17.633	15.5	0.0	0.0	0.0	4.6
25	16.4	25.0	20.2	78.8	18.680	16.4	0.0	0.0	0.0	5.5
26	15.0	27.5	22.5	54.5	14.944	13.0	0.0	0.0	0.0	8.8
27	17.1	23.5	20.5	79.2	19.268	16.8	0.0	2.1	2.1	0.4
28	16.0	22.5	19.2	87.4	19.437	17.1	0.0	0.0	0.0	1.1
29	17.0	20.0	18.4	93.2	19.828	17.3	25.0	1.5	26.5	0.0
30	15.6	23.5	19.3	82.0	18.331	16.1	2.8	0.0	2.8	1.4
31	16.5	26.8	20.5	70.8	16.873	14.7	0.0	0.0	0.0	7.7
PROM	16.7	24.8	20.4	76.6	18.297	16.0	91.9	82.5	174.4	94.9

ESTACION: JORGE VILLAMIL MUNICIPIO GIGANTE AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.6	23.7	19.6	14.5	27.8	83.1	18.736	16.4	124.2	19	123.6
FEBRERO	16.5	24.3	20.0	15.0	28.3	82.9	19.170	16.8	109.9	17	86.7
MARZO	16.3	24.2	20.1	14.5	27.5	81.8	19.038	16.7	139.7	21	98.7
ABRIL	16.4	24.1	20.0	14.5	28.5	81.9	19.074	16.7	155.2	23	87.4
MAYO	16.4	24.4	20.0	15.0	26.5	77.0	17.922	15.7	154.1	19	78.4
JUNIO	15.7	24.7	20.0	14.4	28.0	72.9	16.960	14.9	52.7	21	109.5
JULIO	15.3	23.6	19.2	14.0	26.5	74.0	16.229	14.2	102.0	20	84.0
AGOSTO	15.9	24.7	19.4	14.0	28.4	70.7	15.804	13.7	29.0	22	106.8
SEPTIEMBRE	16.6	25.4	20.3	14.5	28.1	72.0	16.961	14.8	48.8	15	98.1
OCTUBRE	16.3	24.7	19.8	14.5	27.9	74.2	16.915	14.8	143.7	21	92.9
NOVIEMBRE	17.1	25.0	20.3	15.5	27.5	74.1	17.589	15.4	78.4	19	88.0
DICIEMBRE	16.7	24.8	20.4	15.0	28.5	76.6	18.297	16.0	174.4	21	94.9
PROMEDIO	16.2	24.5	19.9	14.6	27.8	76.8	17.725	15.5			
TOTAL									1312.1	238	1149.0

ESTACION: OSPINA PEREZ MUNICIPIO: CONSACA AÑO: 1.982

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

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	19.5	17.4	94.6	18.870	16.6	16.4	1.8	18.2	0.0
2	15.3	23.0	17.7	91.5	18.473	16.3	2.4	3.5	5.9	0.8
3	14.5	17.5	16.1	98.1	17.989	15.8	0.9	4.4	5.3	0.0
4	15.0	23.5	17.6	86.0	17.203	15.1	0.5	9.7	10.2	1.6
5	15.0	22.5	18.0	84.3	17.150	15.1	0.7	9.5	10.2	2.3
6	15.0	23.0	18.4	83.2	17.438	15.3	1.0	12.6	13.6	2.6
7	15.0	23.5	18.4	83.8	17.541	15.4	0.3	0.7	1.0	4.1
8	15.5	24.5	18.5	82.3	17.337	15.2	0.0	0.0	0.0	7.7
9	15.0	24.0	18.3	84.5	17.658	15.5	0.0	0.3	0.3	6.4
10	15.4	23.0	18.1	86.3	17.775	15.6	9.3	0.4	9.7	2.8
11	13.5	25.0	18.6	79.2	16.565	14.4	1.1	1.7	2.8	6.8
12	16.0	24.5	19.6	84.1	19.084	16.8	0.3	0.0	0.3	6.9
13	14.5	25.0	19.3	73.7	17.393	15.2	0.0	0.0	0.0	5.6
14	16.0	24.5	19.3	80.1	17.496	15.3	0.0	12.6	12.6	4.3
15	16.0	25.5	19.5	81.3	18.207	16.0	0.9	0.0	0.9	4.3
16	16.0	25.0	19.4	81.6	18.050	15.9	0.0	0.4	0.4	7.3
17	15.6	25.5	19.1	84.1	18.408	16.2	1.1	2.3	3.4	2.5
18	16.5	27.0	20.1	81.3	18.791	16.5	0.0	0.0	0.0	8.3
19	13.6	26.5	19.4	65.7	14.627	12.4	0.0	0.0	0.0	9.6
20	12.5	25.5	19.5	65.6	14.275	11.9	0.0	0.0	0.0	9.3
21	14.5	27.0	19.9	73.3	16.344	14.3	0.0	0.0	0.0	9.5
22	16.0	25.5	19.2	82.1	18.158	16.0	0.0	0.0	0.0	4.9
23	16.5	25.4	19.1	81.3	17.840	15.7	0.0	4.0	4.0	7.6
24	15.0	23.6	18.3	81.7	16.963	14.9	0.0	0.6	0.6	2.5
25	15.5	24.4	18.8	79.7	16.904	14.8	0.0	3.7	3.7	8.1
26	15.0	24.4	18.4	83.3	17.683	15.6	0.0	3.1	3.1	5.9
27	15.0	23.5	18.4	84.2	17.546	15.4	0.7	24.9	25.6	5.9
28	14.5	21.0	17.4	92.1	18.469	16.2	2.1	0.0	2.1	0.5
29	14.5	22.3	17.9	85.0	17.294	15.2	1.5	0.0	1.5	1.0
30	14.7	22.0	17.9	88.7	18.041	15.9	0.3	0.6	0.9	1.9
31	15.0	22.6	18.2	87.9	18.385	16.2	1.5	0.0	1.5	2.6
PROM.	15.1	23.9	18.6	83.1	17.547	15.4	41.0	96.8	137.8	143.6

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	15.5	25.0	18.5	83.8	17.721	15.6	2.7	0.0	2.7	5.7
2	13.5	24.5	17.9	83.0	16.923	14.8	5.5	0.0	5.5	4.8
3	13.5	23.5	17.9	86.6	17.298	15.2	0.1	0.0	0.1	1.1
4	14.5	25.0	18.4	85.5	18.001	15.8	0.0	0.6	0.6	6.0
5	15.5	24.5	18.9	82.2	17.637	15.5	0.0	0.0	0.0	1.1
6	14.0	25.5	18.8	81.5	17.292	15.2	0.0	6.4	6.4	6.7
7	14.5	26.5	19.3	77.3	17.113	15.0	0.0	1.5	1.5	4.5
8	16.0	26.5	20.5	79.7	18.887	16.6	0.0	0.0	0.0	7.1
9	16.5	26.0	19.7	80.7	18.381	16.2	0.0	0.0	0.0	4.5
10	15.5	23.5	18.9	86.1	18.832	16.5	0.0	0.0	0.0	1.7
11	15.5	27.0	20.5	76.3	17.945	15.7	0.0	0.0	0.0	7.7
12	17.0	22.5	19.5	86.6	19.571	17.2	2.7	0.8	3.5	0.4
13	15.5	25.5	18.9	82.3	17.733	15.6	0.0	1.3	1.3	5.4
14	15.5	25.0	18.8	85.7	18.472	16.2	0.2	0.0	0.2	4.0
15	16.5	22.0	17.7	94.7	19.211	16.9	1.7	0.0	1.7	0.2
16	13.5	26.5	19.6	74.4	16.182	14.1	0.0	59.0	59.0	8.9
17	15.0	23.0	18.1	90.1	18.553	16.3	10.3	0.0	10.3	4.8
18	14.0	26.5	19.7	74.8	16.457	14.4	0.0	1.5	1.5	9.0
19	16.0	23.5	18.3	87.6	18.413	16.2	0.0	4.3	4.3	0.1
20	15.5	22.0	17.8	87.9	17.858	15.7	1.6	0.4	2.0	2.2
21	15.0	26.5	19.1	84.0	18.227	16.0	0.0	0.0	0.0	4.1
22	15.5	23.0	18.8	84.8	18.290	16.0	0.8	0.0	0.8	0.6
23	16.0	26.4	20.5	76.5	17.837	15.6	0.0	29.4	29.4	3.8
24	16.5	27.5	19.8	82.3	19.017	16.7	0.5	0.0	0.5	4.7
25	15.0	26.5	19.5	81.0	18.028	15.8	0.0	14.7	14.7	7.8
26	16.0	25.5	20.0	82.8	19.188	16.8	0.0	0.2	0.2	6.2
27	16.5	24.5	19.3	79.3	17.600	15.5	0.0	0.0	0.0	2.6
28	15.0	25.0	19.1	81.6	18.028	15.8	0.0	0.0	0.0	1.8
PROM	15.3	25.0	19.1	82.8	18.025	15.8	26.1	120.1	146.2	117.5

ESTACION: OSPINA PEREZ MUNICIPIO: CONSACA AÑO: 1.982

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

M E S - MARZO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.0	19.2	82.4	18.167	16.0	0.0	9.2	9.2	3.4
2	15.5	20.5	17.2	94.1	18.434	16.2	0.7	2.5	3.2	0.0
3	14.0	26.0	18.8	77.0	16.535	14.4	0.0	0.0	0.0	6.3
4	15.5	27.0	20.5	78.0	18.436	16.2	0.0	2.2	2.2	8.4
5	15.5	23.5	18.6	85.1	18.026	15.8	0.5	0.1	0.6	0.6
6	15.5	24.0	18.2	87.1	18.085	15.9	0.2	4.4	4.6	1.8
7	15.0	25.0	19.0	82.5	17.910	15.8	4.6	1.4	6.0	2.4
8	16.0	23.5	18.4	84.9	17.953	15.8	0.0	0.0	0.0	3.6
9	14.5	24.5	18.5	83.4	17.478	15.4	0.0	0.0	0.0	3.5
10	16.0	25.5	19.7	79.4	17.797	15.6	0.0	3.7	3.7	4.7
11	16.0	26.0	19.2	82.0	18.015	15.8	2.5	0.0	2.5	1.0
12	16.5	23.5	18.5	86.8	18.623	16.4	0.0	0.0	0.0	1.8
13	15.5	23.5	18.4	87.5	18.481	16.2	0.0	0.0	0.0	1.9
14	13.5	25.0	18.9	81.6	17.627	15.5	0.0	0.0	0.0	4.1
15	16.0	25.0	19.1	82.5	18.123	15.9	0.0	12.8	12.8	4.9
16	16.0	23.0	18.2	89.7	18.896	16.6	27.6	13.0	40.6	0.0
17	16.0	24.0	19.0	88.3	19.437	17.0	2.1	0.7	2.8	0.1
18	16.5	23.5	18.8	85.7	18.472	16.2	0.4	1.6	2.0	4.1
19	14.5	25.0	19.0	79.7	17.079	15.0	0.0	0.0	0.0	6.8
20	15.0	26.0	20.3	80.5	18.929	16.6	0.0	0.0	0.0	7.9
21	15.0	28.5	20.6	77.2	18.086	15.8	0.0	0.0	0.0	7.8
22	16.0	24.5	19.2	85.0	18.853	16.5	0.0	0.4	0.4	2.2
23	16.0	24.5	18.7	84.9	18.317	16.1	2.6	0.0	2.6	4.1
24	15.0	27.0	20.2	75.7	17.421	15.3	0.0	0.0	0.0	6.5
25	16.5	27.5	20.9	76.3	18.280	16.0	0.0	0.2	0.2	4.9
26	15.5	24.0	18.7	88.1	19.437	17.0	23.0	0.5	23.5	1.6
27	15.0	26.0	19.0	82.3	17.890	15.7	0.0	2.5	2.5	8.1
28	15.0	26.0	19.1	83.0	18.053	15.9	5.0	1.4	6.4	2.7
29	16.0	23.5	19.3	86.6	19.259	16.9	0.4	0.0	0.4	6.0
30	15.5	24.5	19.3	83.0	18.302	16.1	0.0	0.0	0.0	2.0
31	15.5	26.5	20.6	75.5	17.572	15.4	0.0	0.0	0.0	9.1
PROM.	15.5	24.9	19.1	83.1	18.193	16.0	69.6	56.6	126.2	122.3

M E S - ABRIL

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	22.5	19.3	90.6	20.193	17.6	3.6	0.0	3.6	2.6
2	15.5	23.5	19.1	85.2	18.776	16.5	0.0	0.0	0.0	0.0
3	15.5	24.5	19.6	83.1	18.742	16.5	0.3	2.8	3.1	1.2
4	16.0	23.5	17.7	89.5	18.512	16.3	15.8	0.4	16.2	0.0
5	15.0	25.0	18.9	83.7	18.207	16.0	0.0	0.9	0.9	0.8
6	15.4	22.5	17.5	93.1	19.087	16.8	16.3	0.1	16.4	0.5
7	14.5	26.5	19.7	79.0	18.065	15.9	1.0	0.0	1.0	5.1
8	15.5	24.5	19.0	86.9	19.103	16.7	0.0	12.0	12.0	3.3
9	14.5	22.5	18.1	84.4	17.409	15.3	0.0	0.0	0.0	0.0
10	15.0	23.5	18.8	84.0	18.218	16.0	1.1	0.0	1.1	0.3
11	13.5	27.0	19.7	70.9	15.753	13.5	0.0	9.9	9.9	5.6
12	14.0	23.5	18.1	82.9	17.057	15.0	0.6	10.2	10.8	3.4
13	15.0	25.5	18.9	81.9	17.464	15.3	0.0	0.0	0.0	7.8
14	14.5	26.0	19.3	80.6	17.814	15.6	0.4	2.4	2.8	7.0
15	16.0	27.5	20.4	79.3	18.662	16.4	0.0	0.0	0.0	9.6
16	15.0	25.5	19.5	83.0	18.654	16.4	0.0	4.1	4.1	5.3
17	15.5	21.5	18.1	92.6	19.489	17.0	3.5	4.8	8.3	0.1
18	15.5	25.5	19.1	83.2	18.213	16.0	0.1	0.0	0.1	6.6
19	16.0	25.5	19.6	79.7	17.900	15.8	0.2	0.0	0.2	5.1
20	15.5	25.6	19.9	85.5	19.745	17.3	0.0	2.5	2.5	7.4
21	15.5	25.5	19.2	74.7	16.553	14.4	2.8	0.0	2.8	3.1
22	15.0	25.5	19.8	81.4	18.923	16.6	0.0	0.0	0.0	3.4
23	14.5	25.0	19.1	85.4	18.630	16.3	0.0	3.1	3.1	5.4
24	15.0	28.0	19.3	79.6	17.585	15.4	1.2	0.0	1.2	2.7
25	14.5	27.0	20.9	79.4	18.937	16.6	0.1	0.0	0.1	7.2
26	16.0	27.5	21.1	70.5	17.231	15.0	0.0	0.0	0.0	8.1
27	16.5	28.0	21.1	80.1	19.582	17.1	0.0	6.4	6.4	10.3
28	16.5	21.0	17.9	92.8	19.502	17.1	1.5	2.2	3.7	0.0
29	14.5	24.0	18.6	87.3	18.498	16.2	0.4	0.0	0.4	1.0
30	15.5	23.0	18.5	94.0	20.313	17.7	2.8	1.1	3.9	0.3
PROM	15.3	24.9	19.2	83.5	18.427	16.1	51.7	62.9	114.6	113.2

ESTACION: OSPINA PEREZ MUNICIPIO: CONSACA AÑO: 1.982

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

MES - 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	23.5	19.5	83.8	18.910	16.6	1.6	0.0	1.6	2.0
2	15.0	27.0	21.1	78.5	18.161	15.9	0.0	0.0	0.0	6.7
3	14.5	24.0	19.2	81.7	17.776	15.5	0.3	0.0	0.3	2.1
4	16.5	25.0	19.5	86.5	19.744	17.3	0.6	0.1	0.7	3.4
5	15.0	25.0	19.3	86.2	19.151	16.8	0.3	0.0	0.3	4.1
6	14.0	26.0	19.3	80.2	17.870	15.6	2.7	1.7	4.4	5.7
7	16.5	24.0	18.5	91.3	19.816	17.4	30.0	0.0	30.0	4.7
8	16.0	24.0	19.9	85.4	19.950	17.5	2.6	4.0	6.6	5.0
9	16.0	24.5	19.0	91.4	20.155	17.6	0.2	0.0	0.2	1.9
10	14.5	25.0	19.2	83.5	18.390	16.1	2.1	0.2	2.3	4.6
11	15.0	25.5	19.4	82.3	18.192	15.9	0.0	0.0	0.0	3.2
12	14.5	27.5	20.2	75.2	17.329	15.2	0.0	0.0	0.0	10.3
13	15.5	25.5	20.0	81.9	19.150	16.8	0.2	0.0	0.2	5.2
14	14.0	25.0	19.0	86.1	18.816	16.5	3.6	0.0	3.6	6.2
15	15.5	25.5	19.7	85.8	19.838	17.4	10.9	43.3	54.2	4.8
16	14.0	23.5	18.4	92.6	19.685	17.2	0.3	0.0	0.3	1.3
17	13.5	25.5	18.9	86.5	18.683	16.3	0.6	6.1	6.7	4.9
18	15.0	24.0	19.0	85.6	18.838	16.5	3.8	18.5	22.3	1.8
19	16.0	22.5	18.3	92.3	19.815	17.3	14.0	4.7	18.7	0.6
20	14.5	22.0	17.8	93.7	19.145	16.8	0.7	17.7	18.4	1.3
21	15.0	21.5	17.7	92.5	18.770	16.5	1.5	1.5	3.0	0.5
22	15.5	21.0	17.6	95.9	19.298	16.9	3.2	15.0	18.2	0.2
23	14.0	23.5	18.1	93.3	19.287	16.9	0.6	0.0	0.6	2.7
24	15.5	22.5	18.6	89.7	19.342	17.0	1.9	10.5	12.4	0.8
25	14.5	20.0	17.1	97.5	19.177	16.8	3.6	0.0	3.6	0.3
26	14.0	23.0	18.6	84.6	18.173	16.0	1.2	39.9	41.1	3.1
27	15.5	23.5	18.2	93.8	19.567	17.1	9.0	2.2	11.2	1.4
28	15.0	23.0	18.2	92.7	19.398	17.0	0.6	0.0	0.6	1.5
29	16.0	22.5	18.8	89.9	19.601	17.2	5.0	0.0	5.0	2.1
30	14.0	25.5	19.4	85.9	19.204	16.8	0.0	0.0	0.0	4.3
31	14.5	25.0	19.9	80.6	18.863	16.6	0.0	0.0	0.0	2.9
PROM.	15.0	24.0	18.9	87.3	19.035	16.7	101.1	165.4	266.5	99.6

MES - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	27.5	21.6	80.6	18.455	16.6	0.0	0.0	0.0	9.5
2	15.0	27.0	21.1	55.8	13.818	11.6	0.0	0.0	0.0	9.5
3	15.0	25.0	19.7	80.0	18.463	16.1	0.0	0.0	0.0	6.5
4	14.5	23.6	19.3	83.0	18.488	16.2	0.0	0.7	0.7	2.9
5	15.5	21.5	17.6	88.1	17.375	15.3	4.1	0.0	4.1	1.3
6	14.0	26.0	19.3	84.1	18.490	16.2	0.0	0.0	0.0	4.4
7	15.0	28.0	20.1	73.8	17.823	15.6	0.0	0.0	0.0	6.6
8	13.0	26.0	19.5	73.1	17.341	15.1	0.0	0.0	0.0	7.7
9	15.0	25.0	19.6	81.4	18.238	16.0	0.0	18.2	18.2	4.6
10	15.5	26.5	19.4	83.1	18.286	16.0	0.0	0.0	0.0	6.6
11	15.5	27.5	20.5	80.2	19.244	16.9	0.2	0.0	0.2	6.5
12	14.0	23.0	18.1	80.2	16.581	14.4	0.2	0.0	0.2	1.2
13	15.0	25.0	19.4	77.8	17.349	15.2	0.0	0.0	0.0	6.3
14	14.5	25.5	19.5	79.6	17.647	15.5	0.0	0.0	0.0	2.6
15	15.0	27.0	20.2	70.9	16.497	14.3	0.0	0.0	0.0	6.4
16	15.5	24.5	20.3	67.4	16.341	14.0	0.0	0.0	0.0	5.8
17	15.0	26.0	20.6	68.4	16.064	13.8	0.0	0.0	0.0	4.1
18	14.5	28.5	20.4	67.7	16.070	13.8	0.0	0.0	0.0	9.2
19	13.5	27.0	20.0	74.4	16.960	14.8	0.0	9.3	9.3	5.7
20	14.5	24.0	18.9	85.5	18.505	16.2	0.3	2.4	2.7	5.4
21	14.5	28.0	19.6	75.0	16.000	13.5	0.0	0.0	0.0	8.0
22	14.0	26.5	19.2	79.6	17.394	15.3	0.0	0.0	0.0	6.5
23	14.0	27.5	20.3	73.6	17.411	15.3	0.0	0.0	0.0	7.5
24	14.0	24.5	19.6	73.6	16.738	14.6	0.0	1.5	1.5	2.9
25	13.5	28.0	20.1	63.4	13.976	11.7	0.0	0.0	0.0	10.3
26	13.4	26.0	21.4	55.0	13.714	11.2	0.0	0.1	0.1	7.2
27	16.0	27.0	19.6	82.9	18.617	16.4	0.0	0.0	0.0	4.8
28	13.5	27.5	20.1	65.4	15.260	13.1	0.0	0.0	0.0	7.7
29	17.5	29.0	22.7	37.4	10.309	7.8	0.0	0.0	0.0	8.7
30	16.0	28.5	21.7	52.0	13.088	10.9	0.0	0.0	0.0	5.5
PROM	14.7	26.2	20.0	72.1	16.413	14.1	4.8	32.2	37.0	181.9

ESTACION: OSPINA PEREZ MUNICIPIO: CONSACA AÑO: 1.982

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

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	26.5	21.1	50.0	12.365	10.1	0.0	0.0	0.0	7.1
2	15.0	24.0	19.0	78.9	17.510	15.3	0.3	0.0	0.3	3.9
3	14.0	25.5	20.1	60.6	13.489	11.3	0.0	0.0	0.0	4.3
4	12.5	23.5	18.4	73.3	15.337	13.2	0.0	0.0	0.0	3.5
5	13.0	27.0	19.8	73.7	16.259	14.2	0.5	0.0	0.5	4.4
6	13.5	29.0	20.1	75.2	16.904	14.8	0.0	0.0	0.0	6.8
7	14.5	26.5	19.9	69.1	15.574	13.5	0.0	0.0	0.0	4.5
8	13.0	25.5	18.9	71.1	15.459	13.2	0.0	0.0	0.0	3.7
9	12.5	26.0	19.7	72.6	15.849	13.7	0.0	0.0	0.0	5.3
10	13.5	29.0	20.9	61.8	14.863	12.5	0.0	0.0	0.0	7.2
11	14.5	26.0	18.7	84.8	18.231	16.0	13.0	3.1	16.1	4.7
12	14.5	22.5	18.3	86.7	18.224	16.0	0.3	5.8	6.1	0.7
13	13.5	26.5	19.7	71.4	15.679	13.7	0.0	0.0	0.0	7.6
14	15.5	28.5	20.7	48.2	11.494	9.0	0.0	0.0	0.0	8.0
15	15.5	28.5	21.4	47.7	11.762	9.3	0.0	0.0	0.0	8.5
16	16.0	28.0	21.5	46.0	11.297	8.6	0.0	0.0	0.0	6.8
17	13.5	29.0	21.3	37.8	9.722	6.5	0.0	0.0	0.0	9.8
18	14.0	25.0	19.4	70.2	15.597	13.5	0.0	0.4	0.4	2.2
19	14.0	25.0	19.1	77.5	16.567	14.5	0.9	0.0	0.9	3.4
20	14.0	24.0	18.6	73.7	15.581	13.5	0.0	0.0	0.0	3.4
21	15.6	27.0	21.1	42.3	10.287	7.3	0.0	0.0	0.0	7.7
22	17.0	29.0	22.2	34.6	9.141	5.7	0.0	0.0	0.0	10.7
23	15.0	27.5	21.3	41.9	10.704	7.9	0.0	0.0	0.0	10.6
24	17.5	28.0	22.4	38.6	10.373	7.5	0.0	0.0	0.0	10.3
25	13.0	28.5	20.4	61.8	14.252	11.8	0.0	0.0	0.0	6.3
26	14.5	25.0	18.4	79.3	16.513	14.4	0.2	1.2	1.4	3.2
27	14.5	24.5	18.4	80.7	16.813	14.7	3.3	51.8	55.1	2.2
28	13.0	23.0	17.8	82.2	16.471	14.4	2.2	0.2	2.4	0.4
29	14.5	25.0	19.3	82.0	18.044	15.9	0.0	0.0	0.0	3.0
30	14.5	26.5	20.9	52.6	11.772	8.7	0.0	0.0	0.0	7.9
31	14.5	27.0	19.2	62.4	13.621	11.4	0.0	0.0	0.0	7.3
PROM.	14.4	26.3	19.9	64.2	14.379	12.0	20.7	62.5	83.2	175.4

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	27.5	20.5	64.2	15.136	13.0	0.0	2.3	2.3	8.2
2	13.5	29.0	21.6	54.0	12.704	10.4	0.0	0.0	0.0	7.0
3	14.5	26.5	20.6	49.7	12.043	9.4	0.0	0.0	0.0	7.4
4	16.5	27.5	21.4	42.7	10.712	7.8	0.0	0.0	0.0	7.6
5	14.0	28.5	20.0	54.4	12.311	9.8	0.0	0.0	0.0	7.3
6	14.0	26.0	19.0	76.9	16.625	14.6	0.0	0.0	0.0	3.1
7	13.5	24.0	17.6	76.5	15.029	13.0	0.0	0.0	0.0	4.0
8	14.0	24.0	18.6	80.3	16.884	14.8	0.2	0.0	0.2	1.5
9	14.0	29.0	22.7	40.0	9.916	6.5	0.0	0.0	0.0	10.6
10	19.0	27.0	21.8	36.8	9.876	6.8	0.0	0.0	0.0	4.6
11	18.0	29.9	23.4	34.3	9.621	6.4	0.0	0.0	0.0	9.4
12	14.5	28.0	21.7	46.7	11.305	8.6	0.0	0.0	0.0	6.8
13	14.0	28.0	21.6	47.6	10.653	7.3	0.0	0.0	0.0	10.0
14	16.0	28.0	21.0	51.4	12.885	10.4	0.0	0.0	0.0	5.5
15	15.3	29.0	22.1	54.0	14.266	12.1	0.0	0.0	0.0	6.9
16	16.0	27.3	21.7	54.3	13.751	11.7	0.0	0.0	0.0	5.4
17	15.0	29.0	22.0	44.9	11.488	8.8	0.0	0.0	0.0	8.4
18	15.5	27.5	21.5	49.3	12.153	9.8	0.0	0.0	0.0	3.7
19	14.5	26.0	21.4	50.8	12.307	10.0	0.0	0.0	0.0	9.2
20	16.0	27.0	21.4	55.1	13.939	11.9	0.0	0.0	0.0	6.7
21	15.0	27.5	22.0	46.5	11.772	9.2	0.0	0.0	0.0	7.7
22	17.5	28.0	23.1	35.5	10.019	7.0	0.0	0.0	0.0	10.3
23	15.0	29.0	22.9	45.2	12.235	9.9	0.0	0.0	0.0	7.5
24	15.0	27.6	21.4	49.3	11.761	9.1	0.0	0.0	0.0	8.0
25	17.5	27.0	22.2	45.0	12.028	9.7	0.0	0.0	0.0	7.1
26	16.0	29.0	22.8	41.7	11.383	8.8	0.0	0.0	0.0	8.6
27	17.5	29.5	23.2	44.0	12.403	10.1	0.0	0.0	0.0	6.2
28	16.0	28.0	22.6	44.0	11.844	9.4	0.0	0.0	0.0	6.3
29	16.0	28.0	22.9	43.9	11.983	9.6	0.0	0.0	0.0	8.5
30	15.0	26.0	21.4	50.6	12.363	10.1	0.0	0.0	0.0	4.3
31	15.0	27.0	22.3	46.5	12.195	9.9	0.0	0.0	0.0	5.1
PROM	15.4	27.6	21.6	50.2	12.375	9.9	0.2	2.3	2.5	212.9

ESTACION: OSPINA PEREZ MUNICIPIO: CONSACA AÑO: 1.982

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	26.0	22.2	45.2	11.609	9.2	0.0	0.0	0.0	1.7
2	16.0	26.5	21.2	41.9	10.171	6.9	0.0	0.0	0.0	4.8
3	16.5	29.0	21.6	57.2	14.249	11.9	0.0	0.0	0.0	7.3
4	15.0	27.0	21.1	52.2	12.230	9.8	0.0	0.0	0.0	3.9
5	14.0	27.4	21.8	48.5	11.268	8.4	0.0	0.0	0.0	8.8
6	16.0	30.0	22.9	44.9	11.184	8.4	0.0	0.0	0.0	10.0
7	17.5	29.0	22.1	50.9	13.387	10.8	0.0	0.0	0.0	8.2
8	13.6	27.0	20.4	67.7	15.470	13.4	0.0	1.5	1.5	5.1
9	15.0	25.5	19.8	74.6	16.892	14.8	0.2	9.4	9.6	4.6
10	13.5	23.5	18.8	77.1	16.122	14.1	0.5	0.2	0.7	3.9
11	13.5	26.8	19.2	72.5	15.489	13.5	0.0	0.0	0.0	6.4
12	15.0	27.5	20.0	81.6	18.954	16.6	0.0	0.0	0.0	4.6
13	15.5	27.0	20.1	74.3	16.976	14.9	0.0	0.0	0.0	3.6
14	14.0	25.0	20.2	71.2	16.081	14.0	0.0	0.2	0.2	2.8
15	15.0	26.0	19.5	76.0	16.698	14.6	0.0	6.3	6.3	2.5
16	15.5	25.5	19.4	79.5	17.649	15.5	0.0	6.9	6.9	3.2
17	15.0	24.0	19.2	77.9	16.918	14.8	0.2	3.8	4.0	3.5
18	14.5	26.2	19.4	76.2	16.652	14.5	1.1	10.5	11.6	6.4
19	15.0	22.5	18.0	93.8	19.677	17.2	1.6	0.0	1.6	2.3
20	14.0	25.5	19.4	68.2	15.031	12.9	0.0	0.1	0.1	5.0
21	14.5	27.0	20.4	66.8	14.685	12.1	0.0	0.0	0.0	6.0
22	14.5	27.0	20.4	54.9	12.871	10.2	0.0	0.0	0.0	4.3
23	13.0	26.5	19.5	68.1	14.553	12.4	0.0	0.8	0.8	5.6
24	15.5	21.5	18.4	82.5	17.136	15.1	0.5	3.8	4.3	1.6
25	14.5	23.0	17.9	82.3	16.557	14.5	0.9	0.0	0.9	0.8
26	14.5	26.0	19.9	67.9	15.142	13.0	0.0	0.0	0.0	5.6
27	13.5	25.0	18.9	77.4	16.372	14.3	0.0	0.5	0.5	2.6
28	16.0	20.5	17.8	87.8	17.782	15.7	11.4	0.0	11.4	0.0
29	14.0	25.0	19.1	78.1	16.944	14.8	0.0	0.0	0.0	5.1
30	14.5	24.3	19.4	78.4	17.304	15.2	0.0	0.0	0.0	3.7
PROM.	14.8	25.8	19.9	69.2	15.402	13.1	16.4	44.0	60.4	133.9

M E S - OCTUBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	23.0	18.0	83.0	17.127	15.0	0.2	0.0	0.2	3.4
2	13.5	24.2	18.5	75.3	15.438	13.3	1.5	21.7	23.2	5.5
3	14.2	20.0	16.6	90.6	17.147	15.1	2.5	0.0	2.5	0.1
4	13.5	24.8	19.0	75.6	16.027	13.9	0.0	0.3	0.3	4.7
5	13.5	26.0	20.9	67.7	15.784	13.7	1.3	0.2	1.5	7.7
6	15.5	26.0	20.1	76.0	17.370	15.2	0.0	4.6	4.6	3.7
7	15.5	25.0	18.6	83.1	17.693	15.5	0.5	10.4	10.9	1.6
8	14.0	25.5	18.7	79.1	16.616	14.5	0.3	7.1	7.4	6.1
9	14.5	22.0	17.9	83.8	17.027	15.0	0.0	17.4	17.4	0.8
10	14.0	25.0	19.1	75.2	15.939	13.8	0.0	0.0	0.0	3.8
11	14.5	26.0	19.7	75.7	16.981	14.8	0.0	0.0	0.0	6.0
12	14.0	23.5	17.6	88.4	17.881	15.7	1.7	0.0	1.7	3.7
13	13.5	28.0	19.9	72.9	16.104	13.9	0.5	0.0	0.5	8.8
14	15.0	24.5	19.0	79.4	17.315	15.2	6.5	1.5	8.0	3.4
15	14.0	27.0	20.2	73.1	16.368	14.2	0.0	59.4	59.4	4.5
16	14.5	26.0	19.1	79.6	17.259	15.1	0.0	3.1	3.1	4.7
17	14.0	24.5	18.1	76.9	15.549	13.3	0.0	0.0	0.0	2.0
18	12.5	25.5	19.4	72.3	15.539	13.5	0.0	0.0	0.0	8.6
19	14.5	27.0	19.1	73.6	15.793	13.7	1.9	18.2	20.1	6.7
20	15.0	22.0	17.8	84.4	17.146	15.1	0.0	0.0	0.0	0.6
21	14.5	24.0	18.9	79.8	17.207	15.1	0.4	9.3	9.7	5.4
22	15.0	22.8	18.7	83.6	17.819	15.6	0.8	5.6	6.4	1.6
23	15.0	25.0	18.3	80.7	16.739	14.5	0.0	2.0	2.0	2.7
24	15.0	22.0	18.4	90.2	18.878	16.6	0.7	16.5	17.2	0.0
25	14.5	24.0	18.5	84.3	17.721	15.6	1.0	0.0	1.0	2.1
26	15.0	24.0	19.2	82.1	17.983	15.8	0.0	16.5	16.5	2.4
27	15.0	23.0	18.7	84.0	18.066	15.9	0.1	0.1	0.2	5.9
28	13.0	24.0	18.5	80.1	16.837	14.7	0.0	0.0	0.0	5.5
29	15.0	26.5	19.9	76.8	17.397	15.3	0.0	11.6	11.6	6.5
30	15.0	25.5	19.4	82.9	18.534	16.3	0.0	0.0	0.0	5.7
31	14.0	26.0	18.8	73.7	15.951	13.8	0.6	0.5	1.1	6.4
PROM	14.3	24.6	18.9	79.5	16.943	14.8	20.5	206.0	226.5	130.6

ESTACION: OSPINA PEREZ MUNICIPIO: CONSACA AÑO: 1.982

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

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	23.0	18.8	81.3	17.700	15.3	0.6	3.5	4.1	1.1
2	15.0	23.5	18.1	84.8	17.512	15.4	10.3	0.0	10.3	1.7
3	15.0	24.5	18.7	79.5	16.717	14.5	1.0	7.7	8.7	6.3
4	15.0	23.0	18.8	77.5	16.437	14.4	0.3	0.0	0.3	4.5
5	15.0	25.3	19.7	75.9	16.846	14.8	0.0	0.3	0.3	8.6
6	15.4	25.0	19.8	74.1	16.628	14.5	0.0	0.0	0.0	8.4
7	15.4	26.0	19.6	77.2	17.277	15.1	0.0	0.0	0.0	7.0
8	14.5	26.0	19.9	76.3	17.143	15.0	0.0	0.0	0.0	8.1
9	15.0	27.5	20.7	72.4	16.892	14.7	0.0	0.0	0.0	8.7
10	14.5	25.0	18.4	77.2	16.552	14.5	5.9	0.9	6.8	5.6
11	14.0	23.0	17.7	93.1	18.750	16.4	0.5	4.9	5.4	1.8
12	14.5	24.0	19.1	82.3	17.968	15.8	0.1	11.8	11.9	1.5
13	15.5	27.3	19.8	69.9	15.387	13.0	0.0	0.0	0.0	5.5
14	14.5	28.0	20.4	71.3	16.548	14.3	0.0	0.0	0.0	10.1
15	16.0	28.0	21.2	69.0	17.383	15.1	0.2	6.7	6.9	7.4
16	15.0	23.8	18.7	85.5	18.403	16.1	0.0	0.6	0.6	1.1
17	15.0	24.0	19.0	86.4	19.008	16.7	9.5	1.3	10.8	1.6
18	15.0	25.0	19.4	81.9	18.165	16.0	0.0	0.0	0.0	6.6
19	15.0	22.0	18.3	81.9	17.114	15.0	0.0	2.2	2.2	2.5
20	15.6	24.0	18.5	84.0	17.735	15.6	3.0	9.4	12.4	1.2
21	14.0	24.0	18.4	85.7	17.689	15.6	0.0	0.0	0.0	3.5
22	13.6	23.0	17.7	84.1	16.701	14.6	0.4	23.3	23.7	6.4
23	15.0	24.0	19.2	82.4	18.163	16.0	0.0	0.0	0.0	1.2
24	14.0	25.5	19.7	80.0	18.209	16.0	0.0	0.2	0.2	7.2
25	15.0	23.0	18.4	84.0	17.610	15.5	0.0	3.0	3.0	3.6
26	13.5	25.0	18.9	73.7	16.903	14.8	1.2	0.5	1.7	4.2
27	15.0	24.0	18.7	76.6	16.427	14.3	0.0	2.3	2.3	7.4
28	13.0	23.5	18.8	80.4	16.862	14.7	0.0	0.0	0.0	6.8
29	14.0	26.5	19.4	77.1	16.878	14.7	0.0	0.0	0.0	9.8
30	15.0	26.5	20.2	75.2	17.108	14.9	0.0	0.0	0.0	8.4
PROM.	14.8	24.8	19.1	79.5	17.291	15.1	33.0	78.6	111.6	157.8

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	25.0	20.0	80.9	18.671	16.4	0.0	0.0	0.0	5.1
2	15.0	23.0	18.7	83.8	17.916	15.7	1.0	0.6	1.6	1.5
3	14.5	26.5	19.2	81.8	17.946	15.8	9.4	0.2	9.6	5.5
4	16.0	22.6	18.5	86.2	18.380	16.1	3.7	9.0	12.7	0.9
5	15.0	24.5	18.4	83.6	17.613	15.5	0.0	15.0	15.0	4.0
6	15.4	26.5	19.7	80.6	18.234	16.0	0.0	1.4	1.4	3.8
7	15.0	23.0	19.3	81.7	17.825	15.6	0.2	2.5	2.7	1.5
8	14.5	24.0	18.8	83.1	18.107	15.9	1.8	16.4	18.2	1.0
9	14.5	24.5	18.9	79.0	17.176	15.0	0.0	0.2	0.2	2.7
10	14.5	25.0	19.3	81.4	17.992	15.8	0.2	1.8	2.0	6.6
11	14.0	24.0	18.9	78.9	17.043	15.0	0.0	0.0	0.0	1.3
12	14.5	25.5	19.9	78.0	17.591	15.4	0.0	21.8	21.8	6.3
13	15.3	22.6	18.9	82.7	17.683	15.5	0.2	1.9	2.1	1.7
14	14.5	25.0	19.9	78.9	17.833	15.6	0.0	0.0	0.0	7.5
15	16.5	28.0	21.4	75.7	18.747	16.4	0.0	6.8	6.8	5.4
16	14.5	24.0	19.0	81.3	17.581	15.4	0.0	1.8	1.8	2.9
17	13.0	24.0	18.6	82.1	17.141	15.0	0.0	1.0	1.0	0.0
18	14.5	25.5	19.2	83.9	18.523	16.2	0.0	0.0	0.0	3.4
19	15.6	24.0	19.6	82.6	18.553	16.3	0.0	1.0	1.0	4.9
20	15.4	24.0	19.0	80.5	17.371	15.3	0.0	0.5	0.5	0.8
21	15.5	26.0	19.4	82.4	18.373	16.1	14.0	21.8	35.8	5.5
22	13.0	25.0	18.8	75.7	15.860	13.8	0.0	0.0	0.0	5.3
23	15.0	26.0	20.6	76.8	18.054	15.9	0.0	1.2	1.2	7.8
24	16.0	25.0	21.0	84.0	19.403	17.0	0.0	0.0	0.0	2.5
25	15.0	25.0	19.4	81.4	17.906	15.7	0.0	0.0	0.0	5.1
26	14.6	26.0	21.2	59.0	14.950	12.4	0.0	0.2	0.2	9.6
27	16.4	22.5	18.1	89.6	18.842	16.6	5.1	0.3	5.4	0.0
28	14.5	24.0	19.1	82.4	18.010	15.8	0.0	0.0	0.0	1.5
29	15.0	23.0	18.1	86.0	17.940	15.8	2.3	1.5	3.8	2.0
30	14.0	25.3	19.5	78.4	17.353	15.2	0.0	0.0	0.0	6.2
31	14.6	27.3	20.3	72.8	16.666	14.5	0.0	0.0	0.0	5.5
PROM	14.9	24.7	19.3	80.5	17.783	15.6	37.9	106.9	144.8	117.8

ESTACION: OSPINA PEREZ MUNICIPIO CONSACA AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.1	23.9	18.6	12.5	27.0	83.1	17.547	15.4	137.8	24	143.6
FEBRERO	15.3	25.0	19.1	13.5	27.5	82.8	18.025	15.8	146.2	20	117.5
MARZO	15.5	24.9	19.1	13.5	28.5	83.1	18.193	16.0	126.2	19	122.3
ABRIL	15.3	24.9	19.2	13.5	28.0	83.5	18.427	16.1	114.6	24	113.2
MAYO	15.0	24.0	18.9	13.5	27.5	87.3	19.035	16.7	266.5	26	99.6
IUNIO	14.7	26.2	20.0	13.0	29.0	72.1	16.418	14.1	37.0	9	181.9
JULIO	14.4	26.3	19.9	12.5	29.0	64.2	14.379	12.0	83.2	9	175.4
AGOSTO	15.4	27.6	21.6	13.5	29.9	50.2	12.375	9.9	2.5	2	212.9
SEPTIEMBRE	14.8	25.8	19.9	13.0	30.0	69.2	15.402	13.1	60.4	15	133.9
OCTUBRE	14.3	24.6	18.9	12.5	28.0	79.5	16.943	14.8	226.5	24	130.6
NOVIEMBRE	14.8	24.8	19.1	13.0	28.0	79.5	17.291	15.1	111.6	18	157.8
DICIEMBRE	14.9	24.7	19.3	13.0	28.0	80.5	17.783	15.6	144.8	21	117.8
PROMEDIO	15.0	25.2	19.5	13.1	28.4	76.3	16.818	14.6			
TOTAL									1457.3	211	1706.5

ESTACION: FRANCISCO ROMERO MUNICIPIO: SALAZAR AÑO: 1.982

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

M E S - ENERO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	25.0	21.1	83.5	20.982	18.3	0.0	0.6	0.6	2.5
2	16.4	26.0	21.7	87.3	22.632	19.4	1.1	0.0	1.1	2.8
3	16.6	26.8	21.3	85.5	21.533	18.6	7.3	7.2	14.5	4.6
4	16.4	27.0	21.3	86.2	21.719	18.8	0.2	35.8	36.0	2.0
5	18.0	24.5	20.9	83.0	20.513	17.9	7.3	37.5	44.8	0.3
6	18.0	22.3	19.6	91.0	20.940	18.2	2.2	0.0	2.2	0.0
7	16.6	24.0	20.3	84.0	20.148	17.6	0.0	0.0	0.0	4.2
8	18.0	25.0	20.5	84.9	20.647	18.0	12.6	16.6	29.2	3.6
9	16.6	27.0	21.9	79.1	20.306	17.7	0.0	1.1	1.1	6.1
10	16.5	26.5	21.7	80.5	20.443	17.8	0.0	0.0	0.0	1.8
11	16.0	28.6	22.3	77.3	20.143	17.5	0.0	0.0	0.0	7.4
12	18.0	26.0	21.6	83.1	21.489	18.6	0.0	0.0	0.0	2.3
13	16.0	28.0	21.5	81.5	20.429	17.8	0.0	0.0	0.0	4.4
14	15.9	28.0	21.6	72.0	17.727	15.4	0.0	0.0	0.0	5.4
15	16.6	28.4	22.4	76.9	20.196	17.6	0.0	84.6	84.6	5.7
16	18.8	25.5	21.5	83.0	21.221	18.4	0.0	0.0	0.0	0.7
17	15.8	27.0	20.7	79.7	19.184	16.8	0.0	9.8	9.8	4.8
18	16.6	28.4	21.5	72.2	18.031	15.8	0.0	0.0	0.0	7.4
19	15.0	26.5	20.8	77.4	18.732	16.2	0.0	0.0	0.0	5.0
20	16.4	27.5	21.8	77.9	19.824	17.3	0.0	9.6	9.6	5.7
21	17.5	26.5	21.1	81.7	20.199	17.7	12.5	0.0	12.5	4.3
22	17.6	25.5	20.6	83.0	20.054	17.6	0.2	0.0	0.2	3.7
23	15.0	27.0	21.0	77.4	18.669	16.3	0.0	0.0	0.0	6.1
24	15.0	27.3	21.1	74.5	17.774	15.6	0.0	17.5	17.5	7.5
25	17.0	26.5	21.9	76.8	19.723	17.2	0.0	0.0	0.0	6.9
26	16.4	26.5	20.8	80.9	19.745	17.2	0.0	1.1	1.1	3.7
27	15.0	24.5	20.2	84.8	19.829	17.3	0.0	0.0	0.0	2.4
28	15.5	25.0	20.4	83.7	20.007	17.5	7.5	0.0	7.5	1.8
29	17.6	24.5	20.8	88.5	21.842	18.9	5.4	0.1	5.5	0.8
30	18.4	25.6	21.0	86.5	21.741	18.8	1.6	3.0	4.6	2.6
31	17.6	27.0	21.0	79.9	19.729	17.3	0.1	0.0	0.1	2.5
PROM.	16.7	26.3	21.2	81.4	20.198	17.6	58.0	224.5	282.5	119.0

M E S - FEBRERO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	26.3	22.2	82.3	21.773	18.8	0.0	13.6	13.6	2.3
2	18.5	23.5	20.3	86.7	20.610	18.0	0.3	0.8	1.1	0.3
3	18.5	28.5	22.0	77.2	20.028	17.5	0.0	0.0	0.0	2.7
4	18.4	26.5	21.4	82.7	21.077	18.3	0.0	0.0	0.0	2.3
5	18.5	29.5	23.4	75.8	21.545	18.7	0.0	5.2	5.2	4.5
6	19.5	26.5	21.7	81.1	21.063	18.3	0.0	0.0	0.0	0.3
7	16.5	27.8	21.2	85.0	21.296	18.5	1.0	13.9	14.9	3.6
8	15.4	25.5	19.7	86.8	20.086	17.6	3.9	0.0	3.9	1.6
9	15.6	25.0	20.1	79.8	18.714	16.4	0.0	0.0	0.0	0.6
10	16.0	27.0	21.1	79.8	19.689	17.2	0.0	0.0	0.0	0.0
11	17.0	25.0	20.4	86.4	20.890	18.2	0.0	0.0	0.0	0.3
12	19.0	28.0	22.3	80.5	21.492	18.6	6.9	53.1	60.0	2.8
13	17.5	24.9	20.8	88.7	21.705	18.8	1.0	0.0	1.0	0.2
14	18.0	23.3	20.9	89.8	22.009	19.0	3.4	0.3	3.7	0.0
15	18.0	23.5	20.8	86.4	21.274	18.5	0.0	3.4	3.4	0.6
16	18.0	24.5	20.5	86.6	20.905	18.2	7.6	0.0	7.6	0.6
17	18.0	24.0	19.9	90.6	21.193	18.4	0.0	0.0	0.0	0.2
18	18.5	24.0	20.6	85.8	20.808	18.1	1.6	2.7	4.3	0.0
19	18.6	24.5	21.2	88.6	22.231	19.2	0.0	0.0	0.0	0.1
20	17.3	22.0	19.1	88.6	19.559	17.2	0.5	0.0	0.5	0.0
21	17.5	28.4	22.0	77.2	20.143	17.5	11.5	13.6	25.1	2.7
22	18.5	27.5	22.5	82.4	22.094	19.0	0.2	23.3	23.5	2.5
23	18.0	25.3	21.5	84.6	21.765	18.8	8.8	0.0	8.8	0.7
24	18.0	22.4	19.7	90.8	20.997	18.3	0.6	0.2	0.8	0.1
25	18.4	25.3	20.6	82.8	20.332	17.8	0.0	18.1	18.1	0.7
26	19.0	24.5	20.3	86.6	20.814	18.1	0.0	0.0	0.0	0.2
27	17.4	24.0	20.4	84.5	21.149	18.4	1.3	0.1	1.4	1.3
28	17.1	28.0	22.0	81.1	20.944	18.2	0.0	0.0	0.0	4.5
PROM	17.8	25.5	21.0	84.4	20.935	18.2	48.6	148.3	196.9	35.7

ESTACION: FRANCISCO ROMERO MUNICIPIO: SALAZAR AÑO: 1.982

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

M E S - MARZO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	27.2	22.4	81.2	21.895	18.9	0.0	0.0	0.0	5.8
2	18.0	28.5	22.5	79.0	21.098	18.3	0.0	0.5	0.5	4.9
3	16.5	25.0	21.2	86.5	21.495	18.6	0.0	0.0	0.0	3.9
4	18.4	26.2	21.9	79.6	20.969	18.3	0.0	0.0	0.0	3.5
5	18.4	28.5	22.5	79.0	21.260	18.5	0.0	0.0	0.0	4.0
6	18.4	28.5	22.6	76.9	20.725	18.1	0.0	0.0	0.0	7.0
7	16.0	29.0	23.0	74.0	20.076	17.5	0.0	7.8	7.8	5.6
8	18.2	26.0	20.9	85.3	21.121	18.4	7.0	1.7	8.7	1.6
9	16.5	21.3	19.3	95.4	21.266	18.5	33.5	3.1	36.6	0.1
10	17.5	20.0	19.0	93.0	20.357	17.8	5.0	0.3	5.3	0.0
11	16.6	24.0	19.8	84.9	19.730	17.3	0.5	0.0	0.5	0.7
12	17.0	25.3	20.5	83.2	20.096	17.5	13.9	0.0	13.9	0.5
13	19.0	23.3	20.5	79.6	19.073	16.5	1.5	0.5	2.0	0.3
14	18.1	24.0	21.3	90.3	22.838	19.6	0.0	0.0	0.0	0.0
15	18.0	23.0	20.9	94.2	23.230	19.9	0.4	0.0	0.4	0.1
16	17.0	24.0	20.2	88.0	20.906	18.2	0.0	0.0	0.0	0.4
17	17.5	23.0	20.7	90.2	21.985	19.0	0.3	0.0	0.3	0.8
18	18.0	25.0	20.7	83.2	20.297	17.7	7.1	0.0	7.1	0.5
19	18.4	26.5	22.1	83.3	22.174	19.1	0.0	1.2	1.2	3.8
20	19.0	24.0	20.5	90.6	22.054	19.1	0.0	0.0	0.0	0.4
21	16.0	25.0	21.1	81.8	20.187	17.6	0.0	0.0	0.0	1.3
22	17.0	26.6	21.2	85.5	21.434	18.6	0.0	0.0	0.0	1.4
23	18.0	27.0	22.1	85.5	22.711	19.5	0.0	0.0	0.0	0.8
24	18.5	28.0	22.0	79.4	21.133	18.3	15.5	18.1	33.6	2.5
25	17.5	26.0	22.1	85.0	22.544	19.4	0.0	0.2	0.2	1.7
26	18.0	27.0	21.9	83.0	21.742	18.8	0.0	0.1	0.1	1.7
27	20.0	24.5	22.1	87.5	23.262	19.9	5.1	0.3	5.4	0.0
28	18.5	25.0	21.8	83.8	21.932	19.0	0.0	0.0	0.0	0.0
29	18.3	26.4	21.0	81.8	20.659	18.0	0.0	0.0	0.0	0.3
30	17.0	27.2	22.7	81.2	22.130	19.1	0.0	6.7	6.7	3.7
31	19.5	25.4	21.8	86.3	22.696	19.5	1.6	0.7	2.3	0.7
PROM.	17.8	25.5	21.4	84.5	21.390	18.5	91.4	41.2	132.6	58.0

M E S - ABRIL

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.5	26.5	22.0	83.9	22.144	19.1	0.0	1.1	1.1	0.4
2	20.0	27.0	22.8	83.9	23.294	19.9	0.0	29.6	29.6	0.5
3	18.5	26.0	21.3	89.9	23.277	19.9	36.9	75.7	112.6	1.1
4	19.0	25.0	20.8	91.7	22.865	19.6	8.7	1.2	9.9	1.6
5	17.4	28.0	22.0	82.3	21.824	18.9	31.6	1.2	32.8	1.6
6	18.5	26.0	21.5	90.6	23.523	20.1	8.4	53.1	61.5	1.4
7	18.0	25.6	20.8	93.4	23.267	19.9	20.8	1.0	21.8	1.4
8	18.5	25.4	20.8	93.1	23.179	19.9	29.0	0.0	29.0	0.1
9	17.6	27.0	21.7	81.8	21.274	18.5	29.4	2.1	31.5	1.1
10	16.5	29.8	21.6	70.5	18.162	15.9	0.0	0.0	0.0	5.8
11	17.0	29.4	22.7	75.5	19.980	17.3	0.0	0.0	0.0	4.6
12	19.0	27.5	21.6	84.5	21.960	19.0	0.0	17.7	17.7	0.9
13	19.0	22.0	20.6	92.8	22.709	19.5	6.1	8.0	14.1	0.0
14	18.5	26.0	21.6	91.1	23.663	20.2	3.8	5.1	8.9	0.8
15	18.5	25.0	21.7	86.3	22.507	19.4	0.0	43.0	43.0	0.8
16	18.4	27.0	21.9	82.3	21.522	18.6	1.2	5.8	7.0	1.3
17	18.5	24.2	20.9	89.7	22.365	19.3	0.4	3.7	4.1	0.0
18	19.5	24.0	21.0	90.0	22.351	19.3	0.4	7.3	7.7	0.0
19	19.8	22.0	20.3	91.6	21.964	19.0	17.4	0.0	17.4	0.0
20	18.6	23.5	20.4	95.8	23.267	19.9	40.1	9.5	49.6	0.6
21	18.0	25.0	21.4	88.2	22.634	19.5	2.6	0.0	2.6	0.6
22	19.3	23.3	20.0	93.6	22.095	19.1	14.2	5.0	19.2	1.0
23	17.5	27.0	21.5	88.2	22.515	19.4	17.6	5.6	23.2	3.1
24	18.5	27.0	22.5	82.7	22.309	19.2	17.6	11.5	29.1	1.4
25	18.8	25.4	22.0	86.1	22.814	19.6	0.0	0.0	0.0	0.5
26	18.6	26.0	21.4	88.1	22.755	19.6	0.2	2.1	2.3	1.3
27	18.5	26.5	22.8	84.6	23.399	20.0	0.8	11.2	12.0	0.6
28	18.5	26.4	21.7	83.2	21.696	18.8	2.6	19.9	22.5	0.7
29	18.2	27.0	21.8	82.5	21.594	18.7	32.1	14.4	46.5	1.4
30	18.4	26.2	21.6	85.9	22.143	19.1	3.2	0.0	3.2	0.9
PROM	18.5	25.9	21.5	86.8	22.302	19.2	325.1	334.8	659.9	35.5

ESTACION: FRANCISCO ROMERO MUNICIPIO: SALAZAR AÑO: 1.982

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	26.0	21.1	92.6	23.810	20.2	37.6	28.2	65.8	2.2
2	17.0	26.3	22.0	84.8	22.384	19.3	0.0	1.4	1.4	2.4
3	18.3	28.0	23.3	82.3	23.092	19.8	0.5	74.4	74.9	4.4
4	18.3	27.3	22.3	83.1	22.692	19.5	0.0	0.0	0.0	3.9
5	18.0	29.1	23.3	80.2	22.568	19.4	0.0	0.0	0.0	4.5
6	18.5	26.6	22.3	84.0	22.759	19.5	0.0	8.9	8.9	2.6
7	18.5	27.5	22.8	79.5	21.704	18.8	0.6	5.0	5.6	3.4
8	19.0	25.6	22.3	85.0	22.805	19.5	0.0	0.0	0.0	1.4
9	19.0	28.0	22.5	76.1	21.135	18.4	0.0	0.0	0.0	4.1
10	17.5	28.0	22.3	79.4	21.313	18.5	9.7	1.2	10.9	6.4
11	18.0	29.0	22.3	78.3	20.821	18.1	0.0	0.0	0.0	5.5
12	19.0	28.0	22.5	81.0	22.204	19.1	1.6	0.0	1.6	2.6
13	18.0	28.0	22.3	80.4	21.483	18.6	0.0	0.0	0.0	2.8
14	19.0	26.0	22.3	86.3	23.110	19.8	0.5	0.0	0.5	0.2
15	17.5	28.0	21.7	82.9	21.543	18.7	0.0	0.0	0.0	3.9
16	18.6	26.0	21.3	80.2	20.547	17.9	0.0	0.0	0.0	0.9
17	17.6	30.0	23.1	76.4	21.076	18.3	0.0	0.0	0.0	6.7
18	19.5	29.5	23.7	72.3	21.222	18.4	0.0	0.0	0.0	4.8
19	19.0	27.0	23.2	78.3	22.214	19.1	0.0	0.0	0.0	0.8
20	18.0	30.0	23.5	76.6	22.014	19.0	0.0	0.0	0.0	4.9
21	19.6	29.5	23.2	79.2	22.446	19.3	0.0	3.8	3.8	3.3
22	18.5	28.0	23.1	77.0	21.686	18.7	0.0	0.2	0.2	0.8
23	19.0	31.0	23.5	71.2	19.950	17.3	0.0	0.0	0.0	6.5
24	17.0	28.0	22.5	78.6	21.101	18.3	0.0	19.1	19.1	3.9
25	18.0	28.4	23.0	81.8	22.541	19.3	0.6	37.7	38.3	3.0
26	18.0	26.5	21.3	87.6	22.722	19.5	0.9	0.0	0.9	0.4
27	18.0	29.3	22.8	80.8	21.834	18.8	1.4	22.6	24.0	6.0
28	19.5	28.5	23.4	77.9	22.229	19.2	0.0	0.0	0.0	5.7
29	18.0	29.0	22.7	81.2	22.299	19.2	0.0	8.3	8.3	5.2
30	18.6	27.4	22.2	83.3	22.265	19.2	9.3	0.0	9.3	1.8
31	18.8	27.4	22.4	85.5	23.143	19.8	0.0	1.0	1.0	4.7
PROM.	18.4	28.0	22.6	80.8	22.023	19.0	62.7	211.8	274.5	109.7

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	27.0	22.7	84.0	23.102	19.8	0.0	0.0	0.0	3.7
2	18.0	28.5	23.3	81.9	23.452	20.0	0.0	0.0	0.0	6.0
3	18.5	29.2	22.7	80.3	22.077	19.1	0.0	0.0	0.0	8.3
4	18.5	29.0	23.1	76.1	21.137	18.3	1.0	0.0	1.0	2.5
5	18.5	26.8	22.5	82.3	22.251	19.1	0.0	0.0	0.0	0.9
6	18.5	27.6	23.0	78.7	21.818	18.8	0.0	0.0	0.0	3.8
7	18.4	26.5	22.8	79.5	21.968	19.0	0.0	0.0	0.0	5.3
8	18.0	28.3	22.5	77.9	21.155	18.4	0.0	0.0	0.0	8.1
9	17.4	29.5	22.7	77.1	21.005	18.3	0.0	0.0	0.0	4.9
10	18.0	30.0	23.1	76.2	21.395	18.5	0.0	0.0	0.0	6.6
11	19.0	27.5	22.4	81.8	22.078	19.0	0.0	0.0	0.0	3.0
12	19.0	29.0	23.0	74.9	20.717	18.0	0.0	0.0	0.0	6.0
13	18.0	29.3	22.1	79.1	20.655	17.9	0.0	0.0	0.0	6.8
14	18.0	30.0	22.8	76.0	20.609	17.9	0.1	0.0	0.1	6.6
15	19.0	29.0	22.5	78.5	21.229	18.4	0.8	0.0	0.8	5.6
16	18.0	27.4	21.9	80.7	21.175	18.4	0.0	1.9	1.9	2.4
17	18.0	28.0	22.1	82.4	21.964	19.0	1.6	0.0	1.6	4.8
18	18.0	27.5	22.6	78.3	21.237	18.5	0.0	0.0	0.0	2.0
19	18.5	29.5	23.2	75.0	21.008	18.3	0.0	0.0	0.0	6.2
20	19.0	26.6	21.4	79.3	20.467	17.9	0.0	0.0	0.0	1.2
21	17.0	28.5	21.2	77.1	19.393	17.0	0.0	0.0	0.0	2.7
22	18.0	28.0	22.4	76.3	20.674	18.0	0.5	0.4	0.9	2.0
23	18.0	28.5	22.2	75.6	20.125	17.6	0.0	0.0	0.0	4.8
24	18.0	28.0	22.2	75.3	19.906	17.4	0.0	0.0	0.0	2.5
25	17.0	27.5	22.5	75.8	20.402	17.8	0.0	0.0	0.0	1.6
26	17.5	29.3	21.6	76.2	19.538	17.1	0.0	1.0	1.0	3.8
27	18.0	26.8	21.6	79.7	20.575	18.0	0.0	0.0	0.0	1.3
28	17.6	29.0	21.9	72.3	18.900	16.5	0.0	0.0	0.0	2.5
29	15.4	29.0	22.1	67.6	17.671	15.4	0.0	0.0	0.0	8.6
30	17.6	29.0	22.6	74.7	20.124	17.6	0.0	0.0	0.0	5.3
PROM	18.0	28.3	22.4	77.7	20.927	18.2	4.0	3.3	7.3	129.8

ESTACION: FRANCISCO ROMERO MUNICIPIO: SALAZAR AÑO: 1.982

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	18.0	28.5	22.5	78.0	20.990	18.2	3.1	0.0	3.1	4.3
2	18.0	26.0	21.1	81.7	20.611	18.0	0.1	0.0	0.1	0.2
3	16.5	26.5	21.1	81.1	20.188	17.6	0.0	0.0	0.0	0.5
4	17.5	28.3	22.4	70.8	19.101	16.7	0.0	0.0	0.0	2.6
5	16.6	27.0	21.3	79.3	20.101	17.6	0.0	0.0	0.0	3.8
6	16.5	28.0	19.6	91.2	20.994	18.3	6.8	0.0	6.8	2.3
7	16.5	27.6	20.9	88.5	22.301	19.2	1.5	0.0	1.5	4.1
8	16.6	29.0	22.5	75.6	20.615	18.0	0.0	0.0	0.0	6.2
9	17.0	28.5	22.8	76.7	20.953	18.2	0.0	0.0	0.0	7.9
10	18.0	30.0	23.8	70.3	19.979	17.5	0.0	2.3	2.3	3.2
11	17.5	30.0	23.4	74.4	20.778	18.0	0.0	0.0	0.0	6.1
12	17.0	28.0	22.5	79.6	21.504	18.6	0.4	7.3	7.7	2.0
13	16.5	27.0	21.1	85.0	21.189	18.4	1.2	0.0	1.2	2.5
14	16.5	30.0	22.1	72.6	18.921	16.6	0.0	0.0	0.0	7.5
15	17.5	30.0	23.2	70.3	19.672	17.2	0.0	0.0	0.0	7.4
16	17.5	30.0	23.5	68.8	19.604	17.1	0.0	0.0	0.0	6.4
17	16.5	30.0	21.9	71.9	18.649	16.3	0.0	0.2	0.2	6.1
18	17.5	27.5	22.3	73.9	19.276	16.6	0.0	0.0	0.0	1.2
19	17.4	29.5	21.8	79.6	20.314	17.7	0.0	0.1	0.1	6.7
20	18.0	29.0	22.2	72.2	18.870	16.5	0.0	0.0	0.0	4.7
21	16.0	29.5	22.6	74.7	20.265	17.7	0.0	0.0	0.0	7.6
22	18.0	30.0	22.1	71.1	18.798	16.5	0.0	0.0	0.0	5.0
23	17.6	29.5	22.3	73.0	19.351	17.0	0.0	0.0	0.0	7.0
24	17.0	30.3	23.7	63.4	17.645	15.5	0.0	0.0	0.0	7.2
25	16.0	29.5	23.9	69.4	20.180	17.5	0.0	10.8	10.8	4.2
26	18.2	28.5	22.3	77.7	20.813	18.1	0.0	0.0	0.0	2.8
27	17.5	28.5	22.1	75.5	19.875	17.3	0.0	0.0	0.0	2.8
28	18.0	28.5	21.6	78.0	20.222	17.7	0.0	0.0	0.0	3.6
29	17.0	30.0	22.6	70.8	18.793	16.4	0.0	0.0	0.0	7.5
30	18.0	25.0	20.6	81.6	20.023	17.5	2.6	0.0	2.6	0.8
31	17.5	29.1	22.3	70.4	18.755	16.4	0.0	0.0	0.0	3.9
PROM.	17.2	28.7	22.2	75.7	19.978	17.4	15.7	20.7	36.4	138.1

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	27.5	22.3	76.2	20.293	17.7	0.0	0.0	0.0	2.1
2	17.5	30.6	21.9	76.1	19.640	17.1	14.5	0.3	14.8	7.6
3	17.5	30.0	22.6	71.6	19.201	16.8	0.0	0.0	0.0	8.6
4	16.5	30.5	22.6	67.8	17.723	15.5	0.0	0.0	0.0	8.9
5	16.8	30.5	22.1	74.0	19.446	17.1	0.0	0.0	0.0	3.8
6	18.5	29.5	21.3	77.1	19.070	16.5	18.9	0.0	18.9	5.2
7	17.0	30.0	22.3	77.3	20.183	17.5	2.2	1.8	4.0	4.9
8	16.8	30.4	22.5	74.4	19.778	17.3	0.1	0.0	0.1	8.5
9	17.4	30.8	23.1	70.8	18.994	16.5	0.0	0.0	0.0	9.1
10	17.5	28.8	21.9	74.3	19.451	17.1	0.0	0.0	0.0	6.9
11	16.6	30.0	21.3	75.2	18.643	16.2	0.0	0.0	0.0	2.8
12	17.0	30.8	24.3	65.3	18.923	16.4	0.0	1.2	1.2	8.2
13	18.0	30.0	23.0	71.8	19.411	16.9	0.0	0.0	0.0	0.0
14	18.5	30.3	22.7	65.9	18.427	16.2	0.0	0.0	0.0	4.7
15	17.6	30.0	24.1	70.7	19.989	17.3	0.0	0.0	0.0	5.4
16	17.0	30.0	23.0	68.3	18.591	16.3	0.0	0.0	0.0	8.2
17	16.0	30.0	23.4	70.7	19.864	17.3	0.8	0.0	0.8	3.2
18	17.7	30.5	23.5	69.8	19.686	17.2	0.0	0.0	0.0	8.3
19	18.0	28.0	22.5	69.3	18.774	16.5	0.0	0.0	0.0	4.0
20	17.8	27.8	22.5	73.5	19.742	17.3	0.0	0.0	0.0	4.3
21	18.8	30.9	23.0	68.2	18.714	16.4	0.0	0.0	0.0	7.6
22	17.5	31.5	23.6	66.1	18.503	16.2	0.0	0.8	0.8	7.3
23	19.1	31.3	24.8	66.4	19.603	17.0	0.0	0.0	0.0	7.9
24	17.0	31.2	23.3	74.2	20.552	17.8	2.8	0.0	2.8	7.4
25	16.6	29.5	22.6	65.8	17.625	15.5	0.0	0.0	0.0	3.1
26	17.4	31.6	23.5	58.5	16.333	14.3	0.0	0.0	0.0	6.8
27	17.8	31.0	23.8	73.9	20.967	18.1	0.0	0.0	0.0	7.1
28	18.6	31.2	23.6	69.2	19.559	17.1	0.0	0.0	0.0	8.0
29	18.0	30.6	23.3	67.6	18.930	16.6	0.0	0.0	0.0	5.6
30	18.8	31.5	23.9	73.5	21.038	18.1	0.0	0.0	0.0	5.9
31	18.0	30.0	23.1	78.7	22.007	19.0	0.1	1.5	1.6	6.4
PROM	17.6	30.2	22.9	71.0	19.344	16.9	39.4	5.6	45.0	187.8

ESTACION: FRANCISCO ROMERO MUNICIPIO: SALAZAR AÑO: 1.982

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	29.0	22.3	68.3	17.901	15.7	0.0	0.0	0.0	3.2
2	16.0	31.3	23.3	62.4	17.226	15.2	0.0	0.0	0.0	7.2
3	18.0	29.4	23.6	67.8	19.674	17.2	0.0	0.0	0.0	3.7
4	17.5	31.0	23.6	69.4	19.267	16.9	0.0	0.0	0.0	3.6
5	17.8	30.6	22.7	75.6	20.664	18.0	2.5	0.0	2.5	4.3
6	18.0	31.0	24.5	65.7	19.383	16.9	0.0	0.0	0.0	6.1
7	17.5	32.4	24.7	66.6	19.393	16.9	0.0	0.0	0.0	6.9
8	19.0	32.6	23.6	71.6	19.964	17.2	0.0	0.0	0.0	6.1
9	18.6	32.0	24.1	62.4	18.155	15.9	0.0	0.0	0.0	4.7
10	18.8	32.0	22.1	75.2	19.483	17.0	89.2	15.3	104.5	4.1
11	17.4	29.0	22.5	78.2	20.893	18.2	1.7	0.0	1.7	2.5
12	19.0	29.5	23.6	74.7	21.290	18.4	0.0	0.0	0.0	4.4
13	18.8	30.0	23.1	70.7	19.583	17.1	0.0	0.0	0.0	4.5
14	17.5	30.8	23.6	69.4	19.625	17.2	0.0	0.0	0.0	7.2
15	17.5	31.0	23.7	70.3	20.002	17.4	0.0	0.0	0.0	8.6
16	19.5	27.0	22.6	77.7	21.178	18.4	0.0	0.0	0.0	0.2
17	18.0	26.6	21.6	81.9	21.523	18.7	10.2	1.4	11.6	1.0
18	18.0	29.0	22.6	76.3	20.661	18.0	0.0	0.0	0.0	1.9
19	17.5	30.5	23.9	67.3	18.898	16.3	0.0	0.0	0.0	6.2
20	17.6	31.4	24.4	64.5	18.816	16.5	0.0	0.0	0.0	5.7
21	19.3	28.4	24.2	72.5	21.134	18.3	0.0	0.0	0.0	1.8
22	17.0	30.9	23.6	68.4	19.255	16.8	0.0	0.0	0.0	6.1
23	18.0	31.0	24.4	67.3	19.577	17.1	0.0	1.3	1.3	6.0
24	18.6	29.9	24.4	71.4	20.878	18.1	0.0	74.4	74.4	2.7
25	18.5	29.1	22.4	78.9	21.112	18.3	34.2	4.1	38.3	2.7
26	18.5	28.0	22.1	79.3	21.081	18.3	11.5	22.9	34.4	1.9
27	17.5	28.3	23.5	75.6	21.169	18.3	0.0	13.7	13.7	6.9
28	17.5	28.0	22.5	78.2	20.858	18.1	0.0	16.2	16.2	4.0
29	18.5	26.3	20.6	91.7	22.503	19.4	4.0	11.7	15.7	2.7
30	18.5	29.3	22.8	76.0	20.852	18.2	0.0	0.0	0.0	4.7
PROM.	18.0	29.8	23.2	72.5	20.067	17.5	153.3	161.0	314.3	131.6

M E S - OCTUBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	27.0	21.8	78.5	20.115	17.5	0.0	0.0	0.0	0.3
2	17.5	26.0	20.3	80.9	19.665	17.3	9.0	0.0	9.0	1.1
3	17.0	26.6	22.0	73.2	19.098	16.6	0.0	0.0	0.0	0.0
4	17.5	29.5	23.3	68.2	19.041	16.7	0.0	10.0	10.0	7.9
5	16.5	28.3	21.2	81.9	20.424	17.8	13.0	10.0	23.0	5.8
6	18.0	27.5	21.4	80.8	20.537	17.9	0.0	0.0	0.0	3.1
7	17.0	28.0	22.5	77.6	20.897	18.2	0.0	0.3	0.3	5.8
8	18.5	27.4	21.0	89.8	22.632	19.5	7.0	1.5	8.5	2.5
9	18.5	28.0	21.0	86.2	21.751	18.9	0.0	35.0	35.0	3.1
10	18.0	27.5	22.5	77.2	20.419	17.7	0.0	15.5	15.5	4.2
11	16.6	28.5	22.5	78.2	20.686	18.0	0.0	0.0	0.0	7.5
12	18.0	27.5	22.0	83.4	22.416	19.3	0.0	0.3	0.3	3.0
13	18.5	28.0	23.0	81.0	22.308	19.2	1.0	0.0	1.0	4.7
14	17.4	29.6	23.0	78.6	21.576	18.6	0.0	0.0	0.0	7.4
15	17.4	29.0	22.0	73.7	19.623	17.2	14.0	1.0	15.0	7.7
16	18.0	27.3	21.2	85.3	21.713	18.8	0.5	0.0	0.5	3.4
17	17.0	28.6	22.3	78.4	20.702	18.0	0.0	68.0	68.0	5.3
18	17.8	28.0	22.0	82.8	21.757	18.8	23.5	134.0	157.5	5.1
19	17.0	26.6	21.7	85.6	22.436	19.3	0.0	0.0	0.0	2.9
20	17.0	28.0	22.8	79.6	21.749	18.8	0.0	37.0	37.0	1.4
21	18.0	26.5	21.4	83.6	21.363	18.5	0.0	0.0	0.0	1.1
22	18.0	29.0	21.9	80.6	21.338	18.6	0.4	0.0	0.4	4.8
23	18.0	28.0	22.5	82.3	22.316	19.3	0.0	5.0	5.0	4.2
24	18.6	26.0	21.7	86.7	22.612	19.4	0.0	0.0	0.0	5.5
25	17.0	27.3	21.5	80.6	20.446	17.8	0.0	0.0	0.0	5.3
26	17.0	26.6	20.7	81.1	19.932	17.4	0.0	0.0	0.0	1.7
27	18.0	26.3	21.1	81.9	20.527	17.9	0.5	0.0	0.5	0.5
28	17.6	27.0	21.4	81.9	20.680	18.0	0.2	0.1	0.3	3.1
29	18.0	26.0	20.8	82.8	20.053	17.5	0.0	0.2	0.2	1.1
30	17.0	29.5	22.5	78.0	20.820	18.1	0.0	3.6	3.6	5.4
31	18.0	28.0	21.2	78.3	19.842	17.4	0.0	0.0	0.0	5.5
PROM	17.6	27.6	21.8	80.6	20.951	18.2	69.1	321.5	390.6	120.4

ESTACION: FRANCISCO ROMERO MUNICIPIO: SALAZAR AÑO: 1.982

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

M E S – NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	26.5	20.2	84.3	20.022	17.5	0.0	0.0	0.0	3.0
2	15.6	26.0	21.1	87.8	21.837	18.9	0.0	3.0	3.0	1.5
3	18.0	25.0	20.6	86.6	21.097	18.4	2.0	0.0	2.0	0.0
4	17.5	25.0	20.6	86.6	21.144	18.4	0.3	0.0	0.3	0.7
5	16.5	25.0	20.7	91.3	22.299	19.2	0.0	0.0	0.0	1.4
6	16.5	27.6	21.4	80.2	20.245	17.7	0.0	0.0	0.0	2.9
7	17.5	29.5	22.3	77.1	19.862	17.3	0.0	0.0	0.0	4.9
8	16.5	30.0	21.9	76.4	19.765	17.3	0.0	0.0	0.0	6.7
9	17.5	28.5	22.3	79.5	21.217	18.3	0.0	0.0	0.0	5.5
10	16.5	29.5	22.6	78.4	21.257	18.5	0.0	0.0	0.0	6.3
11	17.5	29.0	22.6	78.3	21.298	18.5	0.0	4.0	4.0	3.2
12	17.5	27.0	21.7	88.0	22.852	19.6	2.0	1.0	3.0	1.0
13	17.5	27.5	22.6	85.4	23.184	19.8	0.0	0.0	0.0	2.4
14	17.5	28.5	22.2	81.1	21.163	18.3	0.0	0.0	0.0	4.6
15	16.0	28.5	22.0	77.9	20.596	17.9	0.0	0.0	0.0	4.7
16	16.5	28.5	22.3	77.4	20.555	17.9	0.0	0.0	0.0	5.3
17	17.0	27.0	21.9	81.0	21.550	18.7	0.0	0.0	0.0	0.9
18	18.0	26.5	20.9	81.9	20.429	17.8	0.0	0.0	0.0	0.2
19	16.6	28.6	22.4	77.7	20.405	17.7	0.0	0.0	0.0	1.9
20	18.6	26.0	20.8	81.1	20.220	17.7	0.0	6.0	6.0	1.9
21	16.6	28.0	21.9	83.0	21.445	18.5	0.0	9.0	9.0	0.0
22	17.5	23.6	20.5	90.9	22.157	19.1	4.5	50.0	54.5	0.3
23	16.6	27.0	21.8	79.1	20.445	17.8	0.0	0.0	0.0	2.9
24	17.5	28.0	22.3	83.0	22.271	19.2	0.2	0.0	0.2	2.5
25	17.3	26.0	21.4	82.8	21.035	18.3	0.0	0.0	0.0	3.0
26	17.5	25.5	21.1	86.1	21.415	18.6	0.0	40.6	40.6	1.0
27	18.0	24.0	19.9	96.3	22.647	19.4	18.0	19.7	37.7	1.7
28	17.5	25.0	20.8	82.5	20.298	17.7	1.0	2.7	3.7	1.2
29	18.0	23.5	20.1	82.0	19.220	16.7	0.7	1.6	2.3	2.8
30	17.0	26.3	21.3	78.9	19.686	17.2	0.1	0.0	0.1	0.0
PROM.	17.2	26.9	21.5	82.8	21.054	18.3	28.8	137.6	166.4	74.4

M E S – DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.5	20.9	81.9	20.433	17.9	0.0	0.0	0.0	1.5
2	17.0	28.0	22.3	77.8	20.731	18.0	0.0	0.0	0.0	6.8
3	17.6	26.3	21.2	80.1	20.065	17.5	0.0	0.1	0.1	2.4
4	17.4	23.0	19.8	93.5	21.515	18.7	1.9	2.7	4.6	0.0
5	17.0	25.0	20.6	82.8	19.743	17.3	0.0	34.1	34.1	0.7
6	17.9	25.0	20.4	84.3	20.100	17.6	0.0	0.1	0.1	1.0
7	16.0	24.5	20.3	84.9	20.001	17.5	0.0	0.0	0.0	3.1
8	16.6	26.0	21.1	80.2	19.339	16.7	1.8	2.2	4.0	1.7
9	17.0	25.0	20.8	83.8	20.490	17.9	0.0	15.4	15.4	0.0
10	17.6	25.0	20.8	84.1	20.587	17.9	0.0	22.4	22.4	0.0
11	18.4	26.0	21.5	85.5	21.942	19.0	0.4	0.0	0.4	2.0
12	17.0	28.0	21.8	81.7	21.008	18.2	8.6	0.8	9.4	3.5
13	17.3	26.0	21.0	85.1	21.119	18.3	0.0	3.8	3.8	1.4
14	16.0	28.0	21.4	77.2	19.111	16.7	0.0	0.0	0.0	6.1
15	15.5	28.5	21.4	80.0	20.199	17.6	0.0	0.0	0.0	5.4
16	15.6	27.0	20.9	80.1	19.634	17.2	7.8	71.8	79.6	2.2
17	17.5	21.0	19.8	92.6	21.207	18.4	1.6	23.2	24.8	0.0
18	18.0	22.5	20.0	91.0	21.288	18.5	0.5	0.0	0.5	0.0
19	18.0	25.5	20.3	86.6	20.549	17.9	6.4	0.1	6.5	0.8
20	17.0	24.0	20.5	82.3	19.716	17.2	0.1	15.7	15.8	0.8
21	16.0	26.5	20.8	82.1	20.291	17.7	0.0	0.0	0.0	2.3
22	16.5	26.5	21.3	83.1	20.923	18.2	0.0	0.0	0.0	1.2
23	17.0	26.5	21.5	80.0	19.920	17.3	4.2	61.0	65.2	5.4
24	18.0	26.5	21.6	88.0	22.828	19.6	0.0	0.0	0.0	2.6
25	16.5	28.0	21.7	79.2	19.971	17.4	0.1	18.9	19.0	7.1
26	16.4	26.0	21.2	81.4	20.255	17.7	1.5	5.9	7.4	2.1
27	18.0	21.0	19.8	90.8	21.226	18.5	13.1	0.0	13.1	0.0
28	17.0	23.6	20.0	86.0	20.242	17.7	2.9	0.2	3.1	0.4
29	17.0	23.0	20.3	88.1	21.082	18.3	0.0	0.3	0.3	0.0
30	17.0	25.6	21.5	79.8	20.224	17.6	0.0	0.0	0.0	2.8
31	16.6	26.6	21.9	80.2	20.496	17.8	0.0	0.0	0.0	3.6
PROM	17.0	25.5	20.9	83.7	20.524	17.9	50.9	278.7	329.6	66.9

ESTACION: FRANCISCO ROMERO MUNICIPIO SALAZAR AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.7	26.3	21.2	15.0	28.6	81.4	20.198	17.6	282.5	19	119.0
FEBRERO	17.8	25.5	21.0	15.4	29.5	84.4	20.935	18.2	196.9	18	35.7
MARZO	17.8	25.5	21.4	16.0	29.0	84.5	21.390	18.5	132.6	18	58.0
ABRIL	18.5	25.9	21.5	16.5	29.8	86.8	22.302	19.2	659.9	27	35.5
MAYO	18.4	28.0	22.6	17.0	31.0	80.8	22.023	19.0	274.5	17	109.7
JUNIO	18.0	28.3	22.4	15.4	30.0	77.7	20.927	18.2	7.3	7	129.8
JULIO	17.2	28.7	22.2	16.0	30.3	75.7	19.978	17.4	36.4	11	138.1
AGOSTO	17.6	30.2	22.9	16.0	31.6	71.0	19.344	16.9	45.0	9	187.8
SEPTIEMBRE	18.0	29.8	23.2	16.0	32.6	72.5	20.067	17.5	314.3	11	131.6
OCTUBRE	17.6	27.6	21.8	16.5	29.6	80.6	20.951	18.2	390.6	20	120.4
NOVIEMBRE	17.2	26.9	21.5	15.6	30.0	82.8	21.054	18.3	166.4	14	74.4
DICIEMBRE	17.0	25.5	20.9	15.5	28.5	83.7	20.524	17.9	329.6	21	66.9
PROMEDIO	17.7	27.4	21.9	15.9	30.0	80.2	20.808	18.1			
TOTAL									2836.0	192	1206.9

ESTACION: BLONAY MUNICIPIO: CHINACOTA AÑO: 1.982

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	15.5	25.0	20.7	90.8	21.963	18.9	0.6	0.0	0.6	1.0
2	16.0	26.0	19.4	94.7	21.550	18.6	0.0	0.0	0.0	3.1
3	15.5	25.0	19.4	94.4	21.355	18.5	2.1	0.0	2.1	3.3
4	15.5	26.0	20.5	87.7	21.063	18.3	0.1	8.1	8.2	4.5
5	15.0	25.2	19.6	83.7	19.037	16.7	5.6	20.7	26.3	2.2
6	12.0	20.5	18.4	95.9	20.200	17.7	0.0	0.0	0.0	0.0
7	15.5	23.5	19.2	91.9	19.848	17.3	0.0	0.0	0.0	1.9
8	15.0	24.5	19.4	87.4	19.513	17.1	1.2	26.7	27.9	4.3
9	14.6	23.5	18.7	90.3	19.156	16.7	0.0	0.0	0.0	4.4
10	14.5	26.5	20.5	78.9	18.780	16.4	0.0	0.0	0.0	6.9
11	15.5	27.5	21.3	79.4	19.317	16.8	0.0	0.0	0.0	7.1
12	16.0	25.5	19.5	89.9	20.971	18.2	2.0	0.0	2.0	1.5
13	14.6	27.0	19.5	82.9	18.276	16.0	0.0	0.0	0.0	5.9
14	13.5	27.0	20.4	77.6	17.731	15.5	0.0	0.0	0.0	6.4
15	14.0	28.0	21.3	80.6	19.854	17.3	0.0	0.0	0.0	7.0
16	15.0	26.5	20.2	84.8	19.760	17.3	0.0	0.0	0.0	6.3
17	14.0	27.0	20.0	85.6	19.643	17.1	0.0	0.0	0.0	4.8
18	13.8	30.5	19.3	72.2	15.934	13.9	0.0	0.0	0.0	9.0
19	12.0	26.8	19.5	81.4	17.764	15.5	0.0	0.0	0.0	6.1
20	13.5	26.5	19.7	82.8	18.512	16.2	0.0	0.0	0.0	6.4
21	17.0	25.8	20.1	85.7	20.090	17.5	0.0	3.0	3.0	4.6
22	14.5	24.3	19.3	88.7	19.688	17.2	0.4	0.2	0.6	3.4
23	12.6	27.0	19.9	79.3	17.769	15.6	0.0	0.0	0.0	7.7
24	14.0	27.1	20.2	78.6	17.958	15.8	0.0	0.0	0.0	7.7
25	15.0	27.5	20.7	80.1	18.824	16.5	0.0	0.0	0.0	3.4
26	12.5	25.0	18.8	82.7	18.171	16.0	1.5	0.0	1.5	4.9
27	14.0	23.8	18.4	91.5	19.053	16.6	0.0	0.0	0.0	2.8
28	14.3	24.3	18.7	87.4	18.840	16.6	2.3	0.5	2.8	3.2
29	16.3	23.6	19.6	91.1	20.996	18.2	0.0	0.0	0.0	1.6
30	16.5	25.6	19.9	84.5	19.534	17.1	0.0	0.5	0.5	2.4
31	17.0	26.5	20.8	79.1	19.296	16.9	0.0	0.0	0.0	2.5
PROM.	14.7	25.8	19.8	85.2	19.369	16.9	15.8	59.7	75.5	136.3

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	26.5	20.5	85.2	20.413	17.8	0.0	24.4	24.4	1.7
2	17.0	23.5	18.7	93.0	20.577	17.9	0.0	0.4	0.4	0.0
3	17.3	27.6	20.3	79.7	18.640	16.3	0.0	0.0	0.0	4.9
4	16.0	25.8	20.4	84.8	20.144	17.6	0.0	0.8	0.8	1.9
5	16.5	27.5	21.3	81.4	20.171	17.6	0.0	0.0	0.0	5.2
6	17.0	24.6	20.8	82.2	19.599	17.0	0.6	0.0	0.6	0.8
7	15.4	26.5	19.0	83.6	18.549	16.3	6.7	0.0	6.7	4.1
8	17.0	24.4	19.1	87.0	19.438	17.0	0.4	0.0	0.4	2.5
9	13.5	24.5	18.7	87.1	18.423	16.2	0.0	0.1	0.1	0.3
10	15.0	25.8	19.8	84.0	19.158	16.8	0.0	0.1	0.1	1.8
11	15.5	23.2	19.0	91.3	20.005	17.5	1.2	0.0	1.2	0.2
12	16.8	26.6	21.1	83.6	20.762	18.0	8.5	0.0	8.5	2.5
13	16.5	25.6	20.0	88.6	20.725	18.1	2.3	0.0	2.3	0.5
14	16.6	22.0	19.1	94.1	20.900	18.1	1.7	0.0	1.7	0.0
15	17.0	22.5	19.4	91.4	20.595	17.9	3.4	39.8	43.2	0.3
16	16.4	23.5	19.1	90.8	20.251	17.7	0.2	0.0	0.2	2.6
17	16.1	22.5	18.7	94.7	20.312	17.7	0.2	2.0	2.2	0.4
18	16.8	21.0	18.9	94.6	20.763	18.1	0.3	9.7	10.0	0.0
19	17.0	22.5	19.7	91.4	20.943	18.2	6.2	1.1	7.3	0.6
20	15.4	19.0	16.9	91.9	17.709	15.6	3.3	0.5	3.8	0.0
21	15.0	24.5	19.3	84.9	18.723	16.4	1.0	7.9	8.9	1.4
22	16.4	24.5	20.3	87.0	20.654	18.0	0.0	0.1	0.1	2.9
23	17.5	23.0	19.6	90.7	20.633	18.0	0.0	0.0	0.0	0.7
24	16.0	21.5	18.0	95.8	19.942	17.5	4.0	5.0	9.0	0.0
25	16.0	21.0	18.4	93.3	19.950	17.5	0.0	1.3	1.3	0.0
26	16.5	21.0	18.5	95.4	20.428	17.8	0.0	0.0	0.0	0.0
27	14.5	21.3	19.0	91.6	20.094	17.6	0.0	0.0	0.0	0.8
28	14.0	25.6	20.7	86.9	20.894	18.2	5.2	0.0	5.2	0.0
PROM	16.1	23.8	19.4	88.8	19.978	17.4	45.2	93.2	138.4	36.1

ESTACION: BLONAY MUNICIPIO: CHINACOTA AÑO: 1.982

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

M E S - MARZO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.6	26.0	18.5	87.3	18.470	16.2	0.0	0.0	0.0	5.7
2	15.0	26.5	20.1	84.0	19.437	17.0	0.0	0.0	0.0	4.3
3	14.0	23.9	19.4	88.1	19.457	17.0	0.0	0.0	0.0	5.0
4	14.0	23.6	19.6	86.1	19.197	16.7	0.0	0.0	0.0	3.8
5	14.5	26.5	20.4	87.4	20.610	17.9	0.0	0.0	0.0	4.2
6	14.9	26.6	20.2	84.2	19.359	16.9	0.0	0.0	0.0	5.9
7	13.5	27.5	20.6	80.4	19.049	16.6	0.0	0.0	0.0	7.4
8	17.0	25.5	20.9	85.3	20.909	18.2	0.0	0.3	0.3	5.2
9	14.4	21.4	19.2	91.3	20.103	17.6	2.2	1.1	3.3	0.0
10	15.5	18.6	17.5	97.5	19.472	17.1	3.4	0.0	3.4	0.0
11	14.6	23.0	19.2	87.5	19.075	16.7	0.0	0.0	0.0	0.3
12	15.0	23.5	19.4	84.7	18.812	16.5	0.0	0.5	0.5	0.3
13	16.5	23.0	19.8	82.4	18.735	16.5	0.0	2.7	2.7	0.3
14	17.0	22.6	19.6	86.1	19.420	17.0	0.8	2.5	3.3	0.2
15	16.5	21.3	18.7	94.5	20.450	17.9	0.0	0.5	0.5	0.2
16	15.3	22.5	19.2	92.5	20.581	17.9	1.0	0.0	1.0	0.7
17	15.6	20.9	19.3	90.6	20.015	17.5	0.0	0.0	0.0	0.1
18	16.0	23.5	19.3	88.1	19.548	17.1	2.6	0.6	3.2	0.5
19	16.5	24.4	19.5	86.1	19.683	17.3	0.0	0.4	0.4	2.9
20	16.6	22.5	19.9	89.4	20.620	18.0	0.1	0.0	0.1	0.0
21	14.0	25.3	20.0	83.9	19.315	16.9	0.0	0.0	0.0	1.7
22	16.5	24.0	19.8	90.1	20.818	18.1	0.0	0.0	0.0	0.7
23	16.5	22.5	20.1	90.7	20.928	18.2	0.7	0.0	0.7	0.4
24	17.0	27.0	20.8	82.2	19.774	17.2	7.9	0.1	8.0	1.4
25	15.5	26.0	20.3	81.4	18.660	16.2	7.6	0.0	7.6	2.6
26	16.0	25.5	20.5	84.2	20.062	17.5	0.0	7.7	7.7	2.0
27	15.5	23.0	20.0	89.9	21.201	18.4	7.0	0.0	7.0	0.0
28	16.4	23.0	19.6	90.7	20.475	17.8	0.0	0.0	0.0	0.4
29	16.5	24.0	20.3	83.2	19.362	17.0	0.0	0.0	0.0	0.8
30	14.5	25.0	20.3	85.1	19.736	17.2	0.0	0.0	0.0	3.2
31	15.5	23.5	20.0	89.4	20.762	18.1	0.0	0.3	0.3	1.1
PROM.	15.5	23.9	19.7	87.2	19.811	17.3	33.3	16.7	50.0	61.3

M E S - ABRIL

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	23.6	19.8	93.9	21.572	18.6	0.0	0.0	0.0	0.2
2	17.4	23.5	20.2	90.6	21.467	18.6	0.2	9.0	9.2	0.4
3	17.0	24.0	20.0	92.8	22.014	19.0	0.0	14.6	14.6	1.6
4	17.0	21.5	18.2	97.0	20.452	17.8	29.2	0.1	29.3	4.9
5	15.0	26.0	19.8	85.1	19.526	17.1	1.4	5.0	6.4	3.1
6	16.5	24.0	19.3	96.0	21.730	18.8	10.2	0.0	10.2	0.3
7	16.0	23.0	19.0	95.2	21.084	18.3	25.0	19.4	44.4	1.4
8	16.5	22.5	18.4	96.2	21.078	18.2	13.0	0.0	13.0	0.1
9	16.4	25.0	20.4	86.1	20.609	18.0	1.7	0.0	1.7	0.9
10	16.0	27.8	19.9	71.1	16.365	14.1	0.0	0.0	0.0	6.6
11	12.5	27.8	20.0	79.1	17.682	15.4	0.0	0.0	0.0	5.5
12	16.5	24.3	20.6	87.3	21.218	18.4	0.0	2.6	2.6	0.2
13	16.5	20.0	18.8	95.9	20.807	18.1	5.5	6.9	12.4	0.0
14	16.4	23.5	19.4	90.4	20.690	18.0	10.0	0.0	10.0	0.3
15	15.5	23.0	19.6	92.1	21.096	18.3	5.4	4.6	10.0	1.1
16	16.0	24.5	20.2	89.6	21.242	18.5	0.0	7.6	7.6	1.7
17	17.5	22.5	19.2	91.8	20.394	17.8	0.6	9.4	10.0	0.0
18	16.4	22.0	19.3	93.5	21.079	18.3	0.4	9.3	9.7	0.0
19	16.5	21.0	18.5	96.1	20.355	17.8	7.7	2.5	10.2	0.2
20	16.5	21.5	18.8	95.4	20.955	18.2	27.9	2.2	30.1	0.1
21	16.5	22.5	19.7	94.0	21.858	18.9	0.8	0.2	1.0	0.0
22	16.5	23.5	19.1	93.9	20.985	18.2	50.4	4.9	55.3	1.4
23	15.5	25.5	19.8	85.6	19.878	17.4	9.9	0.0	9.9	3.5
24	16.4	24.5	21.4	87.8	22.239	19.2	0.0	0.1	0.1	1.3
25	16.5	25.0	21.0	88.0	21.797	18.9	0.0	0.0	0.0	0.6
26	16.5	24.8	20.2	90.0	21.671	18.8	0.7	5.8	6.5	0.4
27	17.0	24.0	20.5	86.9	20.993	18.3	0.5	0.0	0.5	0.1
28	17.0	25.2	20.7	87.5	21.592	18.7	0.0	9.8	9.8	0.5
29	16.0	26.5	20.6	78.4	19.150	16.8	9.6	0.0	9.6	1.8
30	16.5	23.5	19.6	92.9	21.629	18.7	12.3	0.0	12.3	0.1
PROM	16.3	23.9	19.7	90.0	20.774	18.0	222.4	114.0	336.4	38.3

ESTACION: BLONAY MUNICIPIO: CHINACOTA AÑO: 1.982

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	24.5	20.2	91.0	21.954	19.0	10.0	0.0	10.0	2.3
2	16.6	25.6	21.2	87.2	21.888	18.9	0.0	0.0	0.0	0.0
3	16.5	27.0	21.7	80.6	20.664	18.0	1.8	14.3	16.1	2.9
4	17.5	27.5	20.8	85.0	21.066	18.3	0.0	0.0	0.0	3.3
5	16.8	27.6	20.8	82.0	20.018	17.4	1.7	7.1	8.8	2.5
6	16.5	25.5	21.2	86.2	21.522	18.7	0.8	7.4	8.2	2.2
7	17.0	27.0	21.1	86.3	21.712	18.8	9.6	26.4	36.0	1.9
8	17.5	24.4	20.9	83.7	22.086	19.1	0.5	0.0	0.5	0.2
9	17.0	25.3	20.6	84.8	20.587	17.9	0.0	0.0	0.0	0.5
10	16.0	26.4	21.0	81.9	20.303	17.7	0.4	0.0	0.4	2.5
11	15.5	28.0	20.7	80.3	19.279	16.9	0.0	0.0	0.0	7.0
12	16.0	27.5	21.7	79.9	20.351	17.7	0.0	0.0	0.0	3.7
13	16.3	27.0	20.7	82.1	19.712	17.2	0.0	0.0	0.0	4.1
14	17.3	24.5	20.4	85.1	20.399	17.8	0.0	0.0	0.0	0.0
15	16.0	27.0	20.9	83.6	20.447	17.8	0.0	0.0	0.0	4.2
16	16.5	25.0	20.2	83.3	19.925	17.4	0.9	0.0	0.9	0.6
17	15.5	28.5	21.5	77.7	19.243	16.8	0.0	0.0	0.0	7.3
18	16.9	28.7	22.0	79.0	20.688	18.0	0.0	0.0	0.0	4.9
19	17.0	26.7	21.3	81.5	20.804	18.1	0.0	0.0	0.0	1.2
20	16.5	28.3	20.8	85.8	21.081	18.3	5.9	2.4	8.3	2.1
21	17.0	26.9	21.6	83.6	21.141	18.3	0.2	0.1	0.3	0.6
22	17.5	26.8	22.2	75.5	20.033	17.4	0.0	0.0	0.0	0.9
23	17.0	28.8	22.0	76.0	19.510	16.8	0.0	0.0	0.0	3.3
24	15.5	28.0	21.1	81.6	19.828	17.2	0.0	2.5	2.5	3.9
25	16.5	27.0	21.4	81.3	20.444	17.8	1.3	13.7	15.0	3.0
26	16.7	23.0	19.0	94.4	20.844	18.1	2.0	0.0	2.0	0.8
27	16.5	28.5	21.6	78.9	20.200	17.6	5.5	8.1	13.6	3.1
28	18.0	29.4	22.5	80.9	21.677	18.7	0.0	0.0	0.0	7.4
29	17.5	28.0	21.8	73.4	20.511	17.9	0.0	2.1	2.1	2.1
30	18.0	25.5	20.9	83.3	20.416	17.8	3.5	0.0	3.5	0.7
31	16.9	28.0	21.3	81.9	20.386	17.8	0.0	0.7	0.7	3.7
PROM.	16.7	26.8	21.1	82.8	20.604	17.9	44.1	84.8	129.9	82.9

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	27.6	22.0	83.4	21.705	18.8	0.0	0.0	0.0	5.9
2	16.6	27.5	21.2	83.0	21.044	18.3	0.0	0.0	0.0	4.4
3	16.5	28.0	21.5	83.9	21.374	18.6	0.0	0.0	0.0	4.2
4	16.6	27.5	21.6	83.2	21.095	18.3	9.9	0.0	9.9	0.8
5	16.8	27.5	21.2	82.8	20.954	18.2	0.0	0.0	0.0	0.9
6	17.0	26.5	21.0	81.8	19.996	17.4	0.0	0.0	0.0	0.3
7	16.0	27.8	21.3	82.7	20.640	17.9	0.0	0.0	0.0	5.7
8	16.0	28.0	21.4	79.0	19.875	17.3	0.0	0.0	0.0	6.0
9	15.5	28.3	22.2	80.6	20.807	18.0	0.0	0.0	0.0	4.4
10	16.8	28.9	21.7	83.7	21.561	18.7	0.0	0.0	0.0	4.7
11	16.5	27.0	21.3	85.3	21.615	18.7	0.0	0.0	0.0	1.5
12	16.6	27.5	20.8	79.4	19.647	17.2	0.2	0.0	0.2	5.2
13	16.5	29.0	20.0	81.1	18.747	16.5	1.9	0.0	1.9	4.4
14	15.5	28.0	20.8	78.0	19.192	16.8	0.0	0.6	0.6	4.8
15	16.5	27.5	21.0	80.6	19.794	17.3	2.2	0.1	2.3	5.0
16	16.5	26.0	19.7	87.1	20.168	17.6	0.7	7.9	8.6	2.9
17	17.0	25.5	21.0	85.2	20.900	18.2	4.9	0.5	5.4	4.8
18	17.0	25.0	19.7	81.5	18.533	16.2	0.9	0.2	1.1	0.7
19	17.5	27.0	20.3	84.0	19.765	17.3	0.0	0.0	0.0	3.4
20	17.0	26.5	20.2	83.9	19.841	17.3	0.0	0.0	0.0	3.1
21	15.6	26.9	20.4	82.8	19.648	17.2	0.1	0.0	0.1	0.9
22	16.0	25.5	19.4	92.5	20.957	18.2	6.9	2.4	9.3	1.1
23	16.0	26.5	21.3	82.4	20.351	17.7	0.0	0.0	0.0	5.0
24	17.0	28.8	21.4	79.4	19.757	17.2	0.0	0.0	0.0	5.1
25	15.3	25.0	20.2	81.2	19.111	16.8	0.0	0.0	0.0	3.8
26	14.5	27.5	20.5	80.9	19.604	17.1	0.0	0.0	0.0	3.4
27	15.4	23.5	20.9	87.4	21.492	18.6	0.0	6.1	6.1	0.2
28	16.0	27.5	19.9	77.3	17.786	15.8	0.0	0.0	0.0	4.3
29	14.5	27.9	19.9	71.9	16.270	14.4	0.0	0.0	0.0	5.6
30	15.0	26.5	20.6	79.5	19.315	16.9	0.0	0.0	0.0	4.3
PROM	16.2	27.1	20.8	82.2	20.051	17.5	27.7	17.8	45.5	106.8

ESTACION: BLONAY MUNICIPIO: CHINACOTA AÑO: 1.982

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

M E S - JULIO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	27.5	21.8	77.1	19.596	17.0	0.1	0.0	0.1	3.9
2	16.6	24.0	19.3	90.2	20.712	18.0	3.3	0.0	3.3	1.5
3	15.4	22.5	19.5	86.9	19.524	17.1	1.4	0.0	1.4	0.4
4	16.0	26.5	20.8	73.2	18.956	16.6	2.1	0.0	2.1	
5	15.6	25.5	20.6	84.3	20.087	17.5	0.0	0.0	0.0	
6	16.5	24.8	18.7	93.6	20.428	17.8	4.6	0.0	4.6	
7	15.6	25.4	19.4	90.4	20.556	17.9	6.9	0.0	6.9	
8	14.5	26.8	20.9	80.5	19.380	17.0	0.0	0.0	0.0	
9	16.0	26.6	20.8	82.2	19.731	17.2	0.0	0.0	0.0	
10	15.0	28.0	21.0	80.2	19.577	17.1	0.3	0.1	0.4	
11	16.8	29.6	21.7	77.0	19.493	17.1	0.0	0.0	0.0	
12	16.0	24.8	20.0	83.0	20.590	17.9	1.9	1.3	3.2	
13	15.0	24.8	19.7	91.6	21.112	18.3	0.0	0.0	0.0	
14	14.5	27.9	20.4	75.2	17.478	15.2	0.0	0.0	0.0	
15	16.0	28.5	21.4	74.6	18.022	15.5	0.0	0.0	0.0	
16	17.0	27.6	20.9	77.9	19.089	16.7	0.0	0.0	0.0	
17	15.6	27.8	21.1	78.8	19.784	17.3	0.0	0.0	0.0	
18	16.4	25.9	21.2	76.8	19.198	16.7	0.0	0.0	0.0	
19	16.0	27.6	21.5	78.6	19.554	17.0	0.0	0.4	0.4	
20	16.4	25.5	19.6	81.4	18.392	16.1	0.0	0.0	0.0	
21	14.5	28.0	19.8	80.5	18.427	16.0	0.0	0.0	0.0	
22	16.5	27.0	20.2	79.4	18.733	16.4	0.0	3.2	3.2	
23	16.5	26.5	20.5	81.9	19.536	17.1	0.0	0.0	0.0	
24	16.5	27.8	22.1	76.2	19.459	16.8	0.0	0.0	0.0	6.8
25	15.0	27.5	21.8	80.7	20.425	17.7	0.4	5.4	5.8	4.1
26	18.0	25.6	20.9	85.4	21.463	18.6	0.0	0.0	0.0	1.6
27	16.0	24.5	19.8	80.6	18.667	16.3	0.0	0.0	0.0	1.4
28	16.0	26.7	19.7	80.5	18.307	16.0	0.0	0.0	0.0	2.2
29	15.0	28.8	21.0	73.5	17.537	15.1	0.0	0.0	0.0	3.1
30	16.4	25.9	19.4	84.8	19.131	16.8	0.0	0.0	0.0	1.1
31	16.7	23.1	18.9	88.9	19.661	17.2	2.2	0.0	2.2	0.6
PROM.	15.9	26.4	20.5	81.8	19.439	16.9	23.2	10.4	33.6	

M E S - AGOSTO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	25.8	20.7	86.4	21.054	18.3	0.0	0.0	0.0	2.9
2	16.5	29.0	20.6	81.6	19.504	17.1	1.0	0.0	1.0	5.9
3	15.0	26.9	19.9	79.8	18.232	16.0	0.0	0.0	0.0	4.2
4	14.5	29.6	20.9	73.0	17.105	14.9	0.0	0.0	0.0	8.2
5	15.0	29.5	20.3	74.3	17.253	15.0	0.0	0.0	0.0	6.9
6	15.5	27.5	20.4	79.7	18.799	16.4	0.6	0.2	0.8	3.5
7	16.0	27.4	20.6	86.1	21.128	18.4	0.5	0.5	1.0	3.4
8	15.5	29.5	21.9	73.4	18.799	16.3	0.0	0.0	0.0	7.6
9	14.0	29.5	20.9	72.8	17.205	14.9	0.0	0.0	0.0	8.8
10	16.5	29.4	21.9	58.7	15.334	13.0	0.0	0.0	0.0	4.7
11	15.5	25.5	21.2	80.1	19.868	17.2	0.4	0.0	0.4	0.7
12	14.5	29.4	21.9	73.9	18.152	15.8	0.0	3.8	3.8	7.3
13	16.6	27.1	21.4	79.5	19.851	17.3	0.0	0.0	0.0	5.7
14	16.0	26.3	20.1	85.0	19.867	17.4	0.0	0.0	0.0	3.1
15	16.0	27.9	22.7	69.9	18.700	16.2	0.0	0.0	0.0	1.7
16	16.5	31.4	22.2	72.1	17.919	15.4	0.0	1.2	1.2	9.0
17	16.0	27.5	20.3	84.2	19.830	17.3	7.0	0.0	7.0	4.2
18	15.0	28.0	20.9	78.6	18.844	16.5	0.0	0.0	0.0	5.2
19	16.5	26.3	20.4	81.9	19.339	16.9	0.0	0.0	0.0	2.0
20	16.0	27.0	20.2	82.7	19.284	16.9	2.2	0.0	2.2	3.4
21	16.0	29.6	22.2	67.5	17.502	15.1	0.2	0.0	0.2	7.2
22	15.0	28.0	21.3	75.7	18.566	16.2	0.0	0.2	0.2	6.1
23	17.0	29.2	24.0	71.1	20.043	17.1	0.0	0.0	0.0	4.6
24	16.0	31.5	21.0	73.7	16.814	14.3	24.0	0.0	24.0	4.2
25	15.5	27.0	19.7	80.0	18.219	16.0	0.0	0.0	0.0	2.0
26	14.5	29.0	21.0	70.9	16.855	14.5	0.0	0.0	0.0	4.4
27	15.5	29.9	21.7	76.4	19.249	16.8	0.0	0.0	0.0	5.1
28	16.0	30.4	22.1	74.5	18.388	15.6	0.0	0.0	0.0	6.9
29	15.5	30.5	23.2	78.7	21.397	18.4	0.0	1.0	1.0	6.1
30	17.5	28.5	21.5	80.5	20.282	17.7	0.1	0.0	0.1	3.9
31	15.6	29.0	21.2	80.0	20.207	17.7	0.0	2.2	2.2	5.2
PROM	15.7	28.5	21.2	76.9	18.825	16.3	36.0	9.1	45.1	154.1

ESTACION: BLONAY MUNICIPIO: CHINACOTA AÑO: 1.982

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	26.5	20.1	77.3	18.352	16.1	0.0	0.0	0.0	2.5
2	15.0	29.5	21.3	70.8	16.805	14.5	0.0	0.0	0.0	4.9
3	16.5	26.0	20.9	81.2	20.086	17.5	0.0	0.0	0.0	1.6
4	15.5	28.8	21.7	73.4	18.575	16.2	0.0	0.0	0.0	1.5
5	16.5	29.5	22.3	68.7	17.659	15.1	0.0	0.0	0.0	2.5
6	15.6	29.9	22.2	72.8	18.896	16.5	0.0	0.0	0.0	6.1
7	15.0	29.9	21.6	77.1	19.285	16.9	0.0	0.0	0.0	6.7
8	16.0	30.0	22.5	77.4	20.131	17.4	0.0	0.0	0.0	6.2
9	16.5	30.5	22.0	71.0	17.961	15.5	0.0	0.0	0.0	4.0
10	16.3	29.0	22.3	76.4	20.150	17.5	0.0	38.9	38.9	3.2
11	16.0	27.0	20.9	82.5	20.245	17.6	1.0	0.0	1.0	3.7
12	17.4	27.5	22.0	69.7	17.740	14.8	0.0	0.0	0.0	1.6
13	16.5	28.5	22.0	76.8	20.005	17.4	0.0	0.0	0.0	5.0
14	15.0	29.0	21.3	78.6	19.317	16.8	0.1	0.0	0.1	6.3
15	16.5	29.9	21.8	73.3	18.916	16.5	2.6	0.0	2.6	7.0
16	17.0	25.9	21.4	81.3	20.593	17.9	0.0	0.0	0.0	0.0
17	16.4	26.0	21.0	80.8	19.913	17.4	0.0	0.0	0.0	2.1
18	16.5	28.3	21.6	76.7	19.295	16.8	0.0	0.0	0.0	3.1
19	15.0	30.0	22.3	64.3	16.275	13.5	0.0	0.0	0.0	5.0
20	15.3	28.0	21.8	74.8	18.908	16.4	0.0	0.5	0.5	5.1
21	16.6	26.4	21.0	81.3	19.803	17.2	0.0	0.0	0.0	2.2
22	15.4	29.0	21.9	74.8	19.315	16.8	0.0	0.0	0.0	2.5
23	15.0	29.5	23.0	74.4	20.252	17.5	0.0	2.4	2.4	5.4
24	16.5	27.5	22.3	79.5	20.641	17.8	0.0	6.4	6.4	4.8
25	17.5	26.5	20.9	86.5	21.317	18.5	0.1	28.2	28.3	2.9
26	16.5	27.5	21.9	81.5	20.851	18.1	1.1	17.9	19.0	4.6
27	16.0	27.5	22.1	80.6	20.826	18.1	0.0	3.1	3.1	6.0
28	16.0	27.0	20.9	90.1	19.744	17.3	4.2	0.0	4.2	2.8
29	17.5	26.9	20.7	92.9	22.961	19.7	6.9	2.8	9.7	3.0
30	17.0	29.6	21.5	78.4	19.788	17.3	0.0	0.2	0.2	5.4
PROM.	16.1	28.2	21.6	77.2	19.487	16.9	16.0	100.4	116.4	117.7

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	26.4	20.4	78.8	18.736	16.4	0.0	0.0	0.0	0.3
2	15.5	25.8	19.7	83.0	19.535	17.1	3.4	0.0	3.4	1.4
3	15.5	25.6	19.9	79.8	18.628	16.3	0.0	0.0	0.0	0.8
4	15.0	27.5	21.4	74.3	18.071	15.7	0.0	0.0	0.0	4.3
5	15.0	26.0	20.3	82.7	19.461	17.0	1.7	3.6	5.3	4.2
6	16.0	29.0	21.1	86.1	21.442	18.6	0.0	0.0	0.0	6.4
7	15.5	27.5	20.7	81.6	19.831	17.4	0.0	6.4	6.4	0.8
8	16.8	27.0	21.0	81.6	20.089	17.5	0.0	0.0	0.0	3.1
9	16.5	27.5	20.7	82.0	20.035	17.6	0.0	28.0	28.0	3.4
10	16.8	27.0	20.0	82.0	18.855	16.5	0.5	6.9	7.4	3.7
11	14.5	27.5	22.1	80.1	20.578	17.9	0.0	0.0	0.0	7.9
12	16.0	26.8	21.1	80.0	19.971	17.5	0.0	0.0	0.0	2.0
13	17.0	27.5	20.2	86.6	20.430	17.8	0.5	0.0	0.5	4.5
14	15.5	30.6	22.1	72.2	18.013	15.7	0.0	0.0	0.0	4.5
15	15.5	28.4	22.2	77.5	19.654	16.9	0.0	1.7	1.7	7.8
16	16.5	26.6	20.8	82.0	19.928	17.4	0.0	0.0	0.0	1.6
17	15.6	27.9	22.0	75.5	19.435	16.9	0.0	0.0	0.0	5.5
18	18.0	27.5	21.2	84.6	21.232	18.4	5.4	7.2	12.6	4.9
19	16.5	25.9	19.8	89.6	20.973	18.2	7.7	0.0	7.7	3.8
20	16.0	26.8	20.9	84.2	20.565	17.9	28.7	80.3	109.0	3.1
21	17.0	26.0	21.0	84.1	20.837	18.1	0.0	0.0	0.0	2.1
22	17.0	28.6	21.8	80.6	20.722	18.0	1.3	13.4	14.7	5.4
23	16.5	27.5	22.0	83.2	21.393	18.5	0.0	4.8	4.8	6.0
24	17.0	26.0	21.5	84.4	21.832	18.8	0.0	0.0	0.0	
25	16.0	27.0	22.2	79.8	20.659	17.8	0.0	0.0	0.0	
26	17.0	25.0	19.6	83.1	19.022	16.7	0.0	0.0	0.0	
27	16.0	26.6	21.1	77.3	18.578	16.0	0.0	5.7	5.7	
28	16.5	25.6	20.0	81.0	18.687	16.3	0.8	0.2	1.0	
29	17.0	25.5	20.5	82.7	19.727	17.2	0.1	1.6	1.7	
30	16.0	27.5	21.5	79.3	19.756	17.1	0.0	0.2	0.2	
31	16.6	28.0	21.0	70.8	17.195	14.8	0.0	0.0	0.0	
PROM	16.2	27.0	21.0	81.0	19.802	17.2	50.1	160.0	210.1	

ESTACION: BLONAY MUNICIPIO: CHINACOTA AÑO: 1.982

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

M E S - NOVIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	25.6	19.7	77.4	18.016	15.8	0.0	0.0	0.0	
2	18.0	25.5	20.2	89.4	21.307	18.3	1.5	3.0	4.5	
3	18.0	26.0	19.9	81.8	19.027	16.7	3.3	0.5	3.8	
4	16.6	23.0	19.3	89.9	20.283	17.7	3.0	0.0	3.0	
5	16.7	22.5	19.4	87.9	20.010	17.5	0.5	0.0	0.5	
6	15.6	27.0	20.2	80.6	18.731	16.4	0.0	0.0	0.0	
7	15.0	27.9	21.2	80.4	19.493	16.9	0.0	0.0	0.0	
8	15.0	30.6	21.2	72.6	17.317	14.9	0.0	0.0	0.0	
9	15.5	27.5	20.7	78.7	18.904	16.5	0.0	0.0	0.0	
10	16.1	27.8	20.9	81.1	19.863	17.3	5.4	0.0	5.4	
11	16.4	27.7	21.4	83.2	20.855	18.1	2.8	8.3	11.1	
12	16.0	24.5	20.7	89.6	21.585	18.6	0.0	0.0	0.0	
13	15.0	26.9	20.3	83.3	19.215	16.7	0.0	0.0	0.0	
14	15.4	27.5	20.5	78.4	18.657	16.3	0.0	0.0	0.0	
15	16.5	27.5	20.4	78.6	18.827	16.5	0.0	0.0	0.0	
16	15.5	29.5	20.7	79.6	19.166	16.8	0.0	0.0	0.0	
17	16.5	25.9	20.8	82.9	20.448	17.8	0.0	0.0	0.0	
18	16.7	23.5	19.8	83.1	19.279	16.9	4.5	3.0	7.5	
19	16.0	27.5	20.5	84.0	20.031	17.5	5.7	0.0	5.7	
20	18.0	24.9	20.2	86.1	20.468	17.8	0.1	0.0	0.1	
21	16.0	26.0	20.5	86.0	20.350	17.7	5.4	2.9	8.3	
22	17.0	22.5	20.1	92.3	21.627	18.8	0.4	0.0	0.4	
23	16.5	26.6	20.8	84.0	20.457	17.8	0.0	0.0	0.0	
24	17.5	25.5	20.4	83.0	19.941	17.4	0.0	0.0	0.0	
25	17.0	26.5	20.4	86.6	20.775	18.1	0.0	0.0	0.0	2.8
26	16.8	23.5	19.1	92.9	20.778	18.1	2.7	4.2	6.9	0.9
27	15.5	24.4	18.0	95.3	19.935	17.4	10.2	0.0	10.2	2.5
28	15.5	21.5	18.6	91.9	19.935	17.5	8.9	0.0	8.9	2.7
29	16.0	21.5	18.5	93.9	19.557	17.1	1.0	1.1	2.1	0.1
30	15.6	26.0	19.7	81.7	18.591	16.3	0.0	0.0	0.0	4.1
PROM.	16.2	25.8	20.1	84.4	19.781	17.2	55.4	23.0	78.4	

M E S - DICIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	25.5	19.3	83.8	18.985	16.7	0.0	0.0	0.0	1.2
2	14.5	26.5	20.0	81.3	18.862	16.5	0.0	0.0	0.0	7.0
3	15.5	27.0	20.3	81.3	19.158	16.8	0.0	0.0	0.0	6.3
4	15.4	22.5	19.3	89.8	20.111	17.6	0.0	0.1	0.1	1.3
5	15.8	23.5	19.9	83.1	19.261	16.8	0.0	0.0	0.0	0.6
6	16.5	25.5	20.2	81.2	19.226	16.8	0.0	0.0	0.0	4.1
7	15.3	24.5	19.8	83.1	18.952	16.6	0.0	0.0	0.0	3.8
8	15.6	24.0	19.9	87.4	20.234	17.7	0.0	0.0	0.0	1.2
9	15.6	25.5	20.3	80.2	19.164	16.8	0.0	0.0	0.0	1.0
10	16.0	24.0	20.0	83.1	19.376	16.9	0.0	2.0	2.0	0.2
11	17.0	24.5	20.7	87.8	21.440	18.6	1.4	3.4	4.8	1.9
12	15.5	27.0	21.5	81.1	20.089	17.4	0.0	0.0	0.0	5.9
13	15.6	26.0	19.9	83.5	19.337	17.0	0.0	0.0	0.0	5.3
14	13.6	25.9	19.3	76.5	16.801	14.7	0.0	0.0	0.0	5.3
15	13.5	29.0	20.6	79.0	18.632	16.3	0.0	0.0	0.0	7.6
16	13.5	25.5	20.1	82.1	19.036	16.7	0.0	0.3	0.3	6.1
17	17.5	22.0	19.2	92.0	20.466	17.9	0.0	0.5	0.5	0.0
18	17.5	22.0	18.9	94.8	20.826	18.1	0.2	0.3	0.5	0.0
19	16.5	24.5	20.5	85.0	20.432	17.8	0.0	0.0	0.0	0.8
20	15.4	24.6	20.0	88.3	20.727	18.1	0.0	0.0	0.0	2.9
21	14.6	25.5	20.1	83.1	19.279	16.9	0.0	0.0	0.0	3.9
22	14.5	24.5	19.4	87.1	19.586	17.2	0.0	0.0	0.0	3.1
23	15.0	26.0	20.2	80.7	18.694	16.4	0.6	0.0	0.6	5.8
24	14.4	26.5	19.2	83.4	18.685	16.4	0.0	0.0	0.0	5.6
25	13.5	26.6	20.5	78.8	18.448	16.1	0.0	0.0	0.0	6.9
26	13.6	26.5	20.0	82.3	19.424	17.0	7.0	0.7	7.7	3.3
27	16.6	20.0	18.2	95.8	19.870	17.4	15.2	3.5	18.7	0.0
28	14.0	22.8	18.3	87.9	18.574	16.3	0.0	0.4	0.4	0.7
29	15.5	21.0	18.0	90.8	18.692	16.4	0.0	0.0	0.0	0.0
30	15.5	24.6	20.0	83.8	19.582	17.1	0.0	0.0	0.0	4.0
31	14.0	25.5	20.2	84.0	19.416	16.9	0.0	0.0	0.0	5.5
PROM	15.2	24.8	19.8	84.6	19.399	17.0	24.4	11.2	35.6	101.3

ESTACION: BLONAY MUNICIPIO CHINACOTA AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	14.7	25.8	19.8	12.0	30.5	85.2	19.369	16.9	75.5	11	136.3
FEBRERO	16.1	23.8	19.4	13.5	27.6	88.8	19.978	17.4	138.4	23	36.1
MARZO	15.5	23.9	19.7	13.5	27.5	87.2	19.811	17.3	50.0	17	61.3
ABRIL	16.3	23.9	19.7	12.5	27.8	90.0	20.774	18.0	336.4	26	38.3
MAYO	16.7	26.8	21.1	15.5	29.4	82.8	20.604	17.9	128.9	17	82.9
JUNIO	16.2	27.1	20.8	14.5	29.0	82.2	20.051	17.5	45.5	11	106.8
JULIO	15.9	26.4	20.5	14.5	29.6	81.8	19.439	16.9	33.6	12	
AGOSTO	15.7	28.5	21.2	14.0	31.5	76.9	18.825	16.3	45.1	14	154.1
SEPTIEMBRE	16.1	28.2	21.6	15.0	30.5	77.2	19.487	16.9	116.4	13	117.7
OCTUBRE	16.2	27.0	21.0	14.5	30.6	81.0	19.802	17.2	210.1	16	
NOVIEMBRE	16.2	25.8	20.1	15.0	30.6	84.4	19.781	17.2	78.4	15	
DICIEMBRE	15.2	24.8	19.8	13.5	29.0	84.6	19.399	17.0	35.6	10	101.3
PROMEDIO	15.9	26.0	20.4	14.0	29.5	0.2	19.777	17.2			
TOTAL									1293.9	185	

ESTACION: MARACAY MUNICIPIO: QUIMBAYA AÑO: 1.982

ALTITUD: 1.450 LATITUD: 4-36 N. LONGITUD: 75-46 W.

M E S - ENERO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1							0.0	15.0	15.0	
2							0.0	35.0	35.0	
3							0.0	55.0	55.0	
4							0.0	12.0	12.0	
5							0.0	0.0	0.0	
6							0.0	15.0	15.0	
7							20.0	50.0	70.0	
8							0.0	0.0	0.0	
9							8.0	0.0	8.0	
10							0.0	0.0	0.0	
11							0.2	0.0	0.2	
12							0.0	0.0	0.0	
13							0.0	0.0	0.0	
14							7.0	0.0	7.0	
15							1.0	0.0	1.0	
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	10.0	10.0	
23							0.0	3.0	3.0	
24							0.0	0.0	0.0	
25							1.0	0.0	1.0	
26							0.0	0.0	0.0	
27							5.0	0.0	5.0	
28							3.0	8.0	11.0	
29							0.0	0.0	0.0	
30							0.0	0.0	0.0	
31							0.0	0.0	0.0	
PROM.							45.2	203.0	248.2	

M E S - FEBRERO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1							0.0	0.0	0.0	
2							10.0	0.0	10.0	
3							0.0	0.0	0.0	
4							0.0	0.0	0.0	
5							0.0	0.0	0.0	
6							0.0	50.0	50.0	
7							0.0	0.0	0.0	
8							0.0	0.0	0.0	
9							10.0	0.0	10.0	
10							0.0	0.0	0.0	
11							0.0	0.0	0.0	
12							0.0	5.0	5.0	
13							0.0	20.0	20.0	
14							0.0	40.0	40.0	
15							3.0	0.0	3.0	
16							0.0	3.0	3.0	
17							0.0	0.0	0.0	
18							0.0	24.0	24.0	
19							0.0	14.0	14.0	
20							0.0	2.0	2.0	
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							2.0	0.0	2.0	1.0
26							0.0	0.0	0.0	3.4
27							1.1	0.2	1.3	2.7
28							1.4	1.4	2.8	3.2
PROM							27.3	159.6	187.1	

ESTACION: MARACAY MUNICIPIO: QUIMBAYA AÑO: 1.982

ALTITUD: 1.451 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							20.4	6.1	26.5	0.2
2							83.1	2.6	85.7	2.2
3							0.0	0.1	0.1	7.5
4							1.2	1.8	3.0	0.1
5							2.7	0.0	2.7	3.0
6							0.0	0.9	0.9	2.3
7							3.3	0.0	3.3	2.9
8							0.1	0.3	0.4	2.4
9							0.0	0.0	0.0	2.8
10							0.0	0.0	0.0	1.6
11							0.0	0.0	0.0	0.3
12							12.3	3.6	15.9	0.5
13							0.9	10.8	11.7	0.4
14							0.0	0.0	0.0	0.0
15							0.0	50.4	50.4	0.0
16							0.0	0.8	0.8	2.2
17							0.0	14.2	14.2	4.5
18							29.3	0.0	29.3	2.8
19							0.0	0.0	0.0	3.4
20							0.0	0.0	0.0	4.2
21							0.0	0.0	0.0	7.5
22							20.7	5.4	26.1	7.3
23							0.3	0.0	0.3	4.7
24							8.6	0.0	8.6	3.5
25							0.0	0.1	0.1	6.1
26							4.0	0.9	4.9	0.4
27							0.2	4.1	4.3	6.7
28							1.8	0.8	2.6	2.5
29							11.8	0.0	11.8	4.6
30							35.0	0.0	35.0	4.9
31							0.0	0.3	0.3	2.8
PROM.							235.7	103.2	338.9	94.3

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1							0.9	0.0	0.9	2.0
2							0.7	0.0	0.7	0.8
3							12.8	0.0	12.8	0.9
4							42.0	0.8	42.8	0.2
5							0.0	6.9	6.9	0.6
6							3.0	0.0	3.0	1.2
7							0.0	0.0	0.0	3.8
8							14.3	0.0	14.3	0.9
9							0.0	17.7	17.7	0.7
10							0.4	0.0	0.4	0.5
11							1.9	41.2	43.1	7.1
12							0.0	0.0	0.0	4.4
13							0.0	0.0	0.0	7.9
14							0.0	0.0	0.0	6.8
15							0.0	0.0	0.0	9.5
16							0.0	70.4	70.4	4.9
17							7.9	12.2	20.1	2.3
18							0.5	51.0	51.5	4.0
19							0.0	4.6	4.6	7.8
20							0.0	0.0	0.0	1.8
21							1.0	0.0	1.0	0.9
22							0.0	0.0	0.0	7.0
23							0.1	39.7	39.8	2.6
24							0.0	0.0	0.0	5.7
25							0.0	0.0	0.0	5.6
26							25.1	0.0	25.1	2.8
27							0.0	11.5	11.5	1.4
28							9.6	2.2	11.8	6.9
29							5.6	1.1	6.7	0.0
30							0.0	0.0	0.0	5.8
PROM							125.8	259.3	385.1	106.8

ESTACION: MARACAY MUNICIPIO: GUIMBAYA AÑO: 1.982

ALTITUD: 1.450 LATITUD: 4-36 N. LONGITUD: 75-46 W.

M E S - MAYO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1							0.0	9.0	9.0	3.4
2							0.3	0.0	0.3	2.9
3							12.3	29.2	41.5	5.5
4							0.2	0.1	0.3	4.3
5							0.1	0.0	0.1	4.2
6							0.2	2.2	2.4	3.0
7							0.0	0.0	0.0	3.5
8							0.7	4.5	5.2	0.0
9							17.3	0.0	17.3	2.4
10							0.0	0.0	0.0	1.3
11							0.0	16.6	16.6	5.8
12							0.0	0.0	0.0	7.2
13							9.6	0.0	9.6	4.1
14							0.0	0.0	0.0	3.0
15							10.1	0.0	10.1	2.3
16							0.0	0.0	0.0	4.3
17							9.2	0.9	10.1	2.8
18							1.3	0.7	2.0	1.4
19							41.5	2.6	44.1	1.2
20							6.3	19.7	26.0	1.9
21							7.2	1.6	8.8	1.1
22							2.4	2.6	5.0	0.3
23							1.3	0.0	1.3	3.3
24							33.9	14.9	48.8	4.4
25							6.7	1.1	7.8	1.7
26							0.3	3.6	3.9	1.3
27							1.7	0.0	1.7	3.3
28							0.0	0.0	0.0	1.5
29							8.3	0.0	8.3	2.4
30							0.0	0.0	0.0	4.1
31							0.0	3.1	3.1	3.1
PROM.							170.9	112.4	283.3	91.0

M E S - JUNIO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1							0.0	0.0	0.0	1.6
2							0.0	0.0	0.0	3.6
3							0.2	0.0	0.2	4.2
4							0.0	1.3	1.3	1.1
5							0.2	0.3	0.5	2.8
6							0.0	0.0	0.0	4.2
7							0.0	0.0	0.0	3.7
8							0.0	0.0	0.0	4.4
9							4.1	21.0	25.1	3.0
10							0.0	0.0	0.0	6.1
11							0.0	43.6	43.6	5.2
12	17.0	27.4	20.8	90.5	21.993	19.0	0.7	0.0	0.7	6.5
13	16.4	27.2	21.8	81.1	21.273	18.5	0.0	5.5	5.5	5.3
14	17.5	26.2	21.5	84.5	21.681	18.8	0.0	0.0	0.0	3.3
15	15.5	26.5	21.8	86.9	22.631	19.5	0.0	0.0	0.0	5.2
16	15.5	26.5	21.4	83.0	21.303	18.4	0.0	0.0	0.0	7.4
17	17.5	26.0	21.2	76.9	19.468	17.1	0.0	0.0	0.0	2.9
18	16.5	26.0	20.8	80.7	20.011	17.4	0.0	0.0	0.0	5.9
19	16.0	26.6	20.0	80.5	19.559	17.1	10.3	0.0	10.3	5.1
20	15.0	25.5	20.7	82.6	20.124	17.6	0.0	0.0	0.0	1.8
21	15.0	26.8	20.2	88.3	20.901	18.2	0.0	0.1	0.1	1.1
22	16.5	26.3	21.6	93.4	21.207	18.4	0.0	0.0	0.0	7.6
23	16.0	26.5	21.9	79.1	21.012	18.2	0.0	0.0	0.0	6.3
24	16.4	25.0	20.0	91.1	21.464	18.6	0.5	0.0	0.5	1.7
25	16.5	27.3	20.6	85.2	20.765	18.1	0.8	0.0	0.8	5.4
26	16.4	27.5	21.5	78.7	20.193	17.7	0.0	0.0	0.0	6.8
27	16.3	26.0	20.2	86.7	20.988	18.2	4.6	0.0	4.6	3.4
28	16.7	28.8	22.1	77.2	20.605	18.0	0.0	0.0	0.0	8.6
29	15.3	29.3	23.0	75.7	20.603	17.9	0.0	0.0	0.0	9.6
30	16.5	30.3	24.0	61.3	17.250	15.1	0.0	0.0	0.0	8.8
PROM							21.4	71.8	93.2	142.6

ESTACION: MARACAY MUNICIPIO: QUIMBAYA AÑO: 1.982

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	29.3	23.6	66.4	18.850	16.5	0.0	0.0	0.0	7.4
2	16.7	26.8	21.2	85.7	21.559	18.7	0.0	0.0	0.0	3.7
3	15.8	28.3	22.0	73.9	20.795	18.1	0.0	0.0	0.0	6.1
4	16.2	27.7	20.9	84.6	21.296	18.5	0.0	0.0	0.0	1.7
5	16.0	26.8	20.8	84.6	21.019	18.3	0.0	0.0	0.0	5.4
6	15.1	27.0	21.0	80.2	20.553	17.9	0.0	0.0	0.0	4.8
7	17.1	28.0	21.8	76.7	20.634	18.0	0.0	0.0	0.0	4.7
8	16.0	26.7	19.9	81.7	19.585	17.1	3.6	0.0	3.6	4.0
9	15.5	27.6	20.8	80.0	19.618	17.2	0.0	0.0	0.0	6.6
10	15.4	27.9	21.3	81.0	20.737	18.0	0.0	0.0	0.0	5.5
11	15.4	27.5	20.8	83.6	20.719	18.0	3.5	0.1	3.6	4.0
12	17.7	25.4	20.5	82.5	20.328	17.7	0.1	0.4	0.5	1.1
13	17.0	28.0	20.9	82.8	20.517	17.9	3.7	0.0	3.7	4.4
14	16.0	29.6	22.4	74.7	20.270	17.6	0.0	0.0	0.0	8.7
15	15.3	30.0	22.3	75.4	20.417	17.8	0.0	0.0	0.0	8.3
16	15.2	28.8	22.4	79.3	21.013	18.2	0.0	0.0	0.0	6.1
17	15.0	29.0	22.1	73.8	21.040	18.3	0.0	0.0	0.0	7.7
18	15.8	26.2	21.7	81.5	21.037	18.2	0.0	0.0	0.0	1.0
19	16.0	27.0	21.6	80.5	20.485	17.8	0.0	0.0	0.0	1.8
20	16.7	26.2	21.7	79.9	20.329	17.7	0.0	0.0	0.0	3.4
21	15.0	29.0	23.4	62.6	17.288	15.2	0.0	0.0	0.0	9.6
22	14.5	27.3	21.0	76.2	18.898	16.6	0.0	0.0	0.0	5.9
23	15.7	29.0	23.0	62.2	16.017	13.9	0.0	0.0	0.0	7.9
24	14.2	29.3	22.0	71.7	18.576	16.3	0.0	0.0	0.0	7.9
25	15.3	27.3	21.0	82.8	20.474	17.9	1.0	0.0	1.0	4.5
26	16.6	26.6	20.0	86.9	20.699	18.0	1.0	0.0	1.0	2.7
27	17.2	24.8	18.7	93.5	20.062	17.6	3.0	0.3	3.3	2.2
28	16.6	25.3	20.1	87.7	20.447	17.9	5.6	1.1	6.7	2.9
29	17.0	27.2	20.9	75.7	18.208	15.8	0.6	0.9	1.5	5.4
30	16.5	29.2	22.5	66.1	17.066	14.9	0.0	0.0	0.0	5.9
31	15.2	29.0	21.6	72.9	18.655	16.3	0.3	0.0	0.3	7.8
PROM.	15.9	27.7	21.4	78.5	19.909	17.4	22.4	2.8	25.2	159.1

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	29.0	20.5	84.4	20.532	17.9	2.8	0.0	2.8	7.7
2	16.4	28.0	21.3	73.4	18.540	16.2	0.0	0.0	0.0	7.7
3	15.0	29.0	23.3	65.8	18.553	16.3	0.0	0.0	0.0	7.7
4	14.5	29.8	22.9	68.0	18.385	16.2	0.0	0.0	0.0	9.4
5	13.5	28.9	21.9	69.3	17.877	15.7	0.0	0.0	0.0	7.8
6	14.5	26.8	20.8	70.6	16.940	14.8	0.0	0.0	0.0	3.7
7	16.4	27.0	19.9	84.7	19.916	17.4	17.7	0.0	17.7	3.3
8	16.8	26.4	20.3	80.8	19.377	17.0	1.3	0.0	1.3	3.1
9	13.5	28.8	21.6	74.2	19.479	16.9	0.0	0.0	0.0	10.1
10	15.5	29.9	22.9	77.0	20.990	18.3	0.0	0.0	0.0	7.0
11	16.0	29.9	24.2	56.9	15.783	13.6	0.0	0.0	0.0	9.8
12	16.5	30.8	24.3	56.6	16.023	14.0	0.0	0.0	0.0	7.5
13	14.6	29.3	22.9	65.2	16.885	14.8	0.0	0.0	0.0	5.0
14	15.7	30.6	23.7	70.5	20.056	17.5	0.0	0.0	0.0	9.1
15	16.4	31.0	23.0	74.7	20.870	18.1	0.0	0.0	0.0	9.1
16	17.2	30.9	22.1	77.2	20.461	17.9	0.0	0.0	0.0	5.3
17	15.0	31.5	23.3	70.2	19.688	17.2	0.0	0.0	0.0	6.5
18	16.5	30.2	24.1	58.5	16.623	14.4	0.0	0.0	0.0	6.0
19	15.5	29.9	24.7	59.4	17.245	15.1	0.0	0.0	0.0	4.5
20	17.0	29.2	23.5	61.4	16.749	14.6	0.0	0.0	0.0	1.9
21	15.6	30.2	22.1	76.0	19.940	17.5	0.0	0.0	0.0	6.2
22	15.2	31.4	24.7	58.2	16.450	14.3	0.0	0.0	0.0	10.0
23	15.6	31.8	24.2	64.1	18.453	16.2	0.0	0.0	0.0	6.7
24	15.5	31.0	23.6	65.5	18.412	16.2	0.0	0.0	0.0	6.2
25	17.0	30.2	23.3	70.0	19.396	17.0	0.0	0.0	0.0	5.1
26	14.5	30.2	23.8	62.2	17.988	15.8	0.0	0.0	0.0	7.7
27	15.5	32.0	23.3	74.0	20.306	17.7	0.0	0.0	0.0	5.7
28	16.7	31.0	24.5	61.9	18.025	15.8	0.0	0.0	0.0	4.6
29	15.0	32.0	23.4	67.2	18.487	16.2	0.0	0.0	0.0	9.1
30	16.0	30.0	22.1	78.2	20.208	17.6	0.0	0.0	0.0	4.4
31	15.5	27.2	21.0	80.1	20.006	17.5	0.0	0.0	0.0	4.4
PROM	15.6	29.8	22.8	69.6	18.666	16.3	21.8	0.0	21.8	202.3

ESTACION: MARACAY MUNICIPIO: QUIMBAYA AÑO: 1.982

ALTITUD: 1.450 LATITUD: 4-36 N. LONGITUD: 75-46 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	31.8	24.3	64.3	18.248	15.8	0.0	0.0	0.0	8.3
2	17.0	31.2	24.5	69.4	20.395	17.8	0.0	0.0	0.0	7.7
3	15.6	31.5	23.3	74.7	20.716	18.0	0.0	0.0	0.0	7.3
4	16.6	30.8	23.7	70.7	20.210	17.6	0.0	0.0	0.0	4.9
5	16.0	31.2	25.1	62.5	18.443	16.1	0.0	0.0	0.0	6.5
6	15.6	32.2	23.7	52.7	17.841	15.6	0.0	0.0	0.0	8.0
7	14.0	32.0	23.4	69.4	19.503	17.1	0.0	0.0	0.0	7.3
8	16.0	31.2	23.1	73.2	20.375	17.8	0.0	0.0	0.0	5.4
9	16.6	26.4	20.6	85.0	20.693	18.0	8.5	0.0	8.5	0.9
10	16.4	26.0	20.8	87.4	22.052	19.0	11.6	45.0	56.6	1.2
11	17.0	26.6	20.8	81.3	20.004	17.5	0.1	0.0	0.1	3.6
12	15.7	29.0	22.1	74.5	20.123	17.6	3.0	0.0	3.0	5.2
13	16.7	29.0	20.8	80.6	20.010	17.5	2.8	3.1	5.9	3.8
14	17.0	27.0	21.1	84.4	21.178	18.4	0.0	0.0	0.0	0.5
15	16.7	25.0	20.2	88.9	21.065	18.3	0.0	0.0	0.0	0.0
16	17.0	26.8	20.5	85.7	20.932	18.2	4.3	7.4	11.7	0.5
17	16.0	23.6	18.4	91.9	19.774	17.3	4.1	5.3	9.4	1.4
18	16.5	27.3	20.7	81.8	20.316	17.7	0.0	15.0	15.0	5.1
19	17.2	23.6	19.3	92.2	20.733	18.1	0.4	0.0	0.4	0.6
20	16.0	26.6	20.3	84.1	20.299	17.7	0.0	0.0	0.0	3.2
21	16.3	28.0	22.1	81.8	21.326	18.5	0.0	0.0	0.0	5.9
22	14.5	27.0	21.7	78.5	19.985	17.5	0.0	0.0	0.0	4.6
23	15.6	26.0	21.1	79.8	19.801	17.2	0.0	2.4	2.4	3.7
24	17.0	22.6	18.3	95.4	20.490	17.9	9.7	7.7	17.4	0.2
25	15.5	25.0	18.7	85.9	18.691	16.5	12.0	9.1	21.1	3.5
26	15.5	26.3	20.1	79.6	18.246	16.0	0.0	0.0	0.0	5.1
27	15.3	28.6	21.3	73.9	18.592	16.3	0.0	5.1	5.1	4.8
28	15.5	23.6	19.7	81.9	18.683	16.4	0.4	0.9	1.3	1.0
29	16.5	27.0	20.3	85.2	20.343	17.8	9.9	0.0	9.9	4.2
30	16.0	25.7	20.0	86.1	20.174	17.6	0.0	0.0	0.0	2.5
PROM.	16.1	27.6	21.3	79.8	19.975	17.4	66.8	101.0	167.8	116.9

M E S - OCTUBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	23.1	18.1	94.4	19.680	17.3	4.5	0.0	4.5	0.5
2	14.6	26.0	20.1	78.3	18.760	16.5	22.1	32.8	54.9	4.4
3	13.8	22.6	18.0	89.6	18.744	16.5	16.3	0.0	16.3	0.9
4	14.6	25.6	20.3	82.3	19.339	17.0	0.0	46.0	46.0	3.2
5	16.5	25.4	20.6	85.7	20.705	18.0	1.4	0.0	1.4	5.6
6	15.7	26.0	21.3	76.3	19.515	17.1	0.0	0.0	0.0	4.0
7	17.2	24.3	19.2	82.8	18.866	16.5	1.4	0.8	2.2	1.9
8	15.3	24.4	19.6	84.4	19.280	16.9	0.0	0.0	0.0	3.5
9	14.5	25.1	19.3	86.2	19.605	17.2	7.6	0.0	7.6	2.6
10	16.0	26.2	20.1	83.7	19.950	17.5	0.0	0.0	0.0	4.5
11	15.2	28.2	22.0	79.8	21.109	18.4	0.0	43.3	43.3	7.8
12	15.3	23.2	18.4	94.0	20.042	17.5	0.0	0.0	0.0	0.4
13	14.1	26.4	20.6	83.1	19.963	17.4	0.0	0.0	0.0	5.5
14	16.8	26.8	20.3	86.4	20.945	18.2	0.5	8.1	8.6	1.6
15	16.2	26.8	19.7	87.9	20.340	17.7	0.3	0.0	0.3	5.2
16	15.2	26.6	20.5	87.0	20.789	18.1	0.0	7.3	7.3	3.1
17	17.1	23.3	20.3	87.3	21.142	18.4	0.0	0.0	0.0	4.8
18	15.0	26.2	20.0	85.8	19.964	17.5	3.1	0.0	3.1	3.9
19	15.4	27.0	19.4	86.1	19.870	17.3	0.2	17.3	17.5	3.4
20	15.5	21.2	18.3	89.9	18.954	16.6	0.3	1.0	1.3	0.7
21	16.2	25.8	20.2	80.5	19.041	16.7	0.0	32.0	32.0	4.8
22	16.3	25.6	19.1	88.0	20.029	17.5	1.3	0.0	1.3	2.8
23	15.0	27.0	20.1	86.7	20.754	18.1	11.7	17.5	29.2	4.6
24	17.3	24.6	19.8	89.0	20.720	18.1	1.2	46.5	47.7	1.4
25	17.0	25.4	20.1	89.1	21.186	18.4	0.0	2.2	2.2	1.2
26	16.3	23.9	20.0	86.0	20.032	17.5	0.5	0.0	0.5	2.3
27	16.0	23.5	18.9	88.6	19.837	17.4	5.6	0.0	5.6	0.7
28	14.0	25.6	19.8	83.8	19.336	16.9	0.0	0.0	0.0	4.0
29	14.6	26.4	20.8	79.9	19.552	17.1	0.0	0.0	0.0	4.5
30	14.5	27.3	21.5	81.5	20.987	18.2	0.0	0.0	0.0	4.7
31	15.4	27.7	20.4	87.6	21.616	18.7	15.7	0.0	15.7	3.5
PROM	15.6	25.5	19.9	85.5	20.021	17.5	93.7	254.8	348.5	102.0

ESTACION: MARACAY MUNICIPIO: QUIMBAYA AÑO: 1.982

ALTITUD: 1.450 LATITUD: 4-36 N. LONGITUD: 75-46 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	25.5	20.2	87.7	21.021	18.3	2.0	12.5	14.5	2.0
2	16.0	24.3	19.3	86.7	19.305	17.0	0.0	37.4	37.4	4.1
3	14.9	26.4	19.9	83.0	19.195	16.9	0.0	50.9	50.9	1.7
4	16.5	25.8	19.5	87.5	20.306	17.7	0.0	0.0	0.0	2.6
5	15.2	26.6	19.8	88.6	20.681	18.0	0.0	0.8	0.8	7.9
6	16.6	26.8	20.7	88.2	21.611	18.7	3.4	1.5	4.9	4.0
7	16.5	27.1	20.6	88.4	21.450	18.6	0.9	0.0	0.9	4.2
8	16.6	27.9	21.4	85.9	21.940	19.0	0.0	0.0	0.0	5.6
9	16.0	28.8	22.5	79.4	21.672	18.8	0.0	0.0	0.0	7.8
10	17.0	25.6	19.4	89.3	20.790	18.1	20.3	0.0	20.3	3.1
11	14.0	24.0	19.9	89.3	20.632	18.0	0.0	19.9	19.9	0.9
12	16.0	25.0	18.7	93.4	20.479	17.9	24.8	0.0	24.8	2.6
13	14.0	27.4	21.1	87.7	22.274	19.2	1.6	0.0	1.6	7.1
14	14.6	27.6	20.6	81.8	19.629	17.1	0.0	0.0	0.0	5.5
15	16.3	27.5	21.5	82.8	21.297	18.5	0.2	0.5	0.7	4.9
16	17.0	25.6	20.4	89.1	21.572	18.7	0.0	0.0	0.0	0.2
17	17.0	24.6	20.6	92.3	22.660	19.5	1.2	0.0	1.2	0.6
18	16.6	22.6	18.6	96.6	21.198	18.4	5.6	0.0	5.6	0.2
19	15.0	25.5	20.0	83.6	20.734	18.0	0.0	0.0	0.0	5.0
20	16.5	23.5	19.7	92.7	21.454	18.6	11.3	24.1	35.4	0.3
21	14.5	25.5	19.5	91.9	21.291	18.5	0.0	0.0	0.0	3.1
22	16.3	24.6	19.0	89.0	19.836	17.3	0.0	0.0	0.0	2.4
23	15.4	26.0	19.9	85.4	20.298	17.7	0.0	0.0	0.0	3.0
24	15.4	26.4	21.0	86.7	21.422	18.5	0.7	0.0	0.7	3.9
25	16.5	24.5	19.6	92.2	21.380	18.5	8.0	0.0	8.0	1.2
26	14.5	26.5	19.3	85.1	19.294	16.9	23.4	0.7	24.1	5.4
27	12.7	26.0	19.3	82.2	18.143	16.0	0.0	0.0	0.0	8.8
28	16.3	26.5	19.1	81.4	18.688	16.3	0.0	0.0	0.0	6.8
29	14.4	27.8	20.3	85.9	20.738	18.0	0.0	0.0	0.0	7.3
30	15.0	28.1	21.1	86.2	21.713	18.8	0.0	0.0	0.0	7.9
PROM.	15.6	26.0	20.1	87.5	20.757	18.1	103.4	148.3	251.7	120.1

M E S - DICIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	28.0	20.1	92.2	22.240	19.1	2.1	0.0	2.1	3.0
2	14.5	25.5	18.9	92.4	21.131	18.3	54.0	0.0	54.0	3.3
3	14.4	27.2	19.9	89.6	21.158	18.3	20.3	6.0	26.3	6.6
4	16.3	23.0	19.6	92.0	21.058	18.3	0.0	0.0	0.0	0.0
5	16.0	24.2	18.4	92.1	19.572	17.2	15.8	0.1	15.9	2.0
6	16.3	25.5	20.5	87.7	21.295	18.5	0.0	0.4	0.4	3.3
7	16.1	26.4	19.3	87.2	19.817	17.4	7.6	9.7	17.3	2.0
8	16.0	25.8	19.7	91.5	21.138	18.4	0.3	38.2	38.5	1.1
9	15.5	20.4	17.0	98.2	19.194	16.8	21.0	0.0	21.0	0.0
10	14.0	25.9	20.2	87.3	20.572	17.9	1.3	0.0	1.3	4.2
11	15.5	27.2	21.3	84.4	21.504	18.6	0.0	0.0	0.0	5.5
12	16.3	26.8	19.5	89.5	20.697	18.2	36.6	0.0	36.6	4.0
13	16.4	25.1	20.2	93.4	22.177	19.1	2.0	0.0	2.0	1.4
14	16.1	27.0	20.4	86.7	20.840	18.1	4.0	0.0	4.0	6.8
15	15.5	27.5	20.7	84.4	20.500	17.9	0.0	9.9	9.9	7.0
16	17.0	26.0	21.2	83.4	20.998	18.3	26.2	0.0	26.2	4.5
17	16.5	25.0	19.3	87.2	19.852	17.4	6.4	0.0	6.4	2.2
18	16.0	24.4	20.1	83.8	19.744	17.3	0.0	0.0	0.0	0.9
19	15.5	27.0	19.8	82.4	19.271	16.9	7.1	0.6	7.7	4.4
20	15.8	27.0	20.7	86.7	21.263	18.4	4.1	0.0	4.1	3.7
21	17.8	26.9	20.5	88.4	21.914	18.9	31.3	1.2	32.5	5.3
22	16.5	26.8	20.9	86.5	21.239	18.5	0.0	0.0	0.0	5.6
23	17.5	27.9	21.1	85.5	21.484	18.7	11.0	0.0	11.0	5.3
24	16.0	26.4	19.8	84.7	20.298	17.7	6.6	0.0	6.6	5.1
25	14.0	27.3	19.9	86.0	20.202	17.5	0.0	0.0	0.0	6.4
26	14.6	28.3	21.5	78.2	19.796	17.3	0.0	1.0	1.0	7.9
27	17.1	22.0	19.0	89.3	19.943	17.4	0.0	0.0	0.0	0.1
28	14.6	24.5	19.3	88.1	19.882	17.4	0.0	0.0	0.0	2.1
29	14.5	22.0	18.9	83.4	17.995	15.8	0.0	0.0	0.0	1.2
30	13.5	27.0	20.4	81.2	19.081	16.7	0.0	0.0	0.0	7.8
31	14.5	28.0	21.3	79.6	19.377	17.0	0.0	0.0	0.0	8.6
PROM	15.7	25.9	20.0	87.2	20.498	17.8	257.7	67.1	324.8	121.3

ESTACION: MARACAY MUNICIPIO QUIBAYA AÑO: 1.982

ALTITUD: 1.450 LATITUD: 4-36 N. LONGITUD: 75-46 W.

MESES	TEMPERATURA oC					Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias lluvias	
ENERO									248.2	15	
FEBRERO									187.1	14	
MARZO									338.9	24	94.3
ABRIL									385.1	20	106.8
MAYO									283.3	24	91.0
JUNIO									93.2	12	142.6
JULIO	15.9	27.7	21.4	14.2	30.0	78.5	19.909	17.4	25.2	10	159.1
AGOSTO	15.6	29.8	22.8	13.5	32.0	69.6	18.666	16.3	21.8	3	202.3
SEPTIEMBRE	16.1	27.6	21.3	14.0	32.2	79.8	19.975	17.4	167.8	15	116.9
OCTUBRE	15.6	25.5	19.9	13.8	28.2	85.5	20.021	17.5	348.5	22	102.0
NOVIEMBRE	15.6	26.0	20.1	12.7	28.8	87.5	20.757	18.1	251.7	17	120.1
DICIEMBRE	15.7	25.9	20.0	13.5	28.3	87.2	20.498	17.8	324.8	21	121.3
PROMEDIO											
TOTAL									2675.6	197	

ESTACION: LA BELLA MUNICIPIO: CALARCA AÑO: 1.982

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	17.0	24.0	19.4	89.2	20.272	17.7	16.7	0.1	16.8	1.7
2	15.4	24.0	19.3	87.3	19.414	17.0	12.5	5.8	18.3	1.7
3	15.8	24.0	19.4	85.4	18.758	16.5	10.3	43.0	53.3	2.2
4	16.0	22.5	17.7	95.9	19.416	17.0	8.8	20.6	29.4	0.4
5	16.3	23.5	19.0	89.2	19.475	17.1	0.0	39.7	39.7	
6	16.0	25.0	19.3	85.3	19.011	16.7	10.9	0.0	10.9	
7	17.0	24.0	19.7	88.5	20.255	17.7	27.0	27.0	54.0	
8	15.4	25.0	20.1	79.7	18.151	15.9	2.4	3.9	6.3	
9	17.1	24.4	19.7	83.5	19.554	17.0	2.3	0.4	2.7	
10	16.6	25.0	21.1	82.6	20.090	17.5	0.0	0.0	0.0	
11	16.6	26.8	21.0	83.3	20.226	17.6	0.0	0.2	0.2	
12	18.0	26.2	20.7	85.9	21.107	18.3	0.4	0.0	0.4	
13	16.3	25.4	21.2	81.1	19.781	17.3	0.0	0.0	0.0	
14	16.1	26.3	20.4	82.7	19.876	17.4	3.8	0.1	3.9	
15	17.2	26.0	20.7	84.5	20.781	18.1	0.0	0.0	0.0	
16	17.3	25.6	21.9	83.4	21.672	18.8	0.0	0.0	0.0	
17	16.2	27.3	21.2	79.1	19.671	17.2	0.0	0.0	0.0	
18	16.5	26.3	21.0	80.6	19.903	17.4	0.0	0.0	0.0	
19	14.8	27.0	20.6	80.7	19.291	16.9	0.0	0.0	0.0	
20	14.5	26.0	20.8	78.7	18.808	16.4	0.0	0.0	0.0	
21	16.5	27.3	21.9	76.8	19.674	17.3	0.0	0.0	0.0	
22	17.3	27.3	21.9	79.1	20.284	17.7	0.0	0.0	0.0	
23	17.2	27.3	21.7	79.5	20.210	17.6	0.0	0.0	0.0	
24	15.6	25.8	21.1	78.2	18.958	16.6	0.0	0.0	0.0	
25	17.0	25.0	20.2	82.0	19.321	17.0	0.0	0.0	0.0	
26	16.5	25.6	19.3	84.6	19.115	16.8	24.3	8.3	32.6	
27	16.7	22.6	18.5	90.5	19.281	16.9	19.0	0.0	19.0	
28	15.6	25.0	19.8	85.6	19.474	17.1	0.0	0.0	0.0	
29	15.6	25.5	20.0	82.8	18.880	16.6	0.3	0.5	0.8	
30	16.6	24.1	20.3	82.9	19.406	16.9	0.0	0.0	0.0	
31	17.7	25.2	20.8	83.3	20.413	17.8	0.0	0.0	0.0	
PROM.	16.4	25.3	20.3	83.6	19.694	17.2	138.7	149.6	288.3	

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	25.0	20.3	83.8	19.826	17.3	0.2	0.0	0.2	0.9
2	16.2	23.5	19.8	90.5	20.624	17.9	11.0	0.0	11.0	1.4
3	15.3	26.0	20.7	82.9	19.723	17.3	0.0	0.0	0.0	4.9
4	16.3	27.2	21.2	83.1	20.433	17.8	1.6	4.5	6.1	5.2
5	17.2	24.5	20.4	87.8	20.916	18.2	0.9	0.0	0.9	1.9
6	17.2	24.3	20.5	85.5	20.376	17.8	0.0	20.3	20.3	2.8
7	17.3	24.1	19.9	89.5	20.690	18.0	0.1	0.0	0.1	1.5
8	16.4	25.2	21.3	86.2	21.432	18.5	0.0	0.0	0.0	3.8
9	16.6	27.0	21.2	83.5	20.823	18.1	0.1	5.5	5.6	5.1
10	18.5	25.4	21.3	86.0	21.591	18.7	4.7	0.0	4.7	1.7
11	17.6	27.0	20.6	86.7	21.060	18.3	16.0	0.0	16.0	4.4
12	16.4	23.5	19.7	89.3	20.497	17.9	22.0	0.0	22.0	1.9
13	15.8	26.3	20.7	85.2	20.471	17.8	54.0	0.0	54.0	5.3
14	17.3	26.2	20.4	86.7	20.728	18.1	7.5	12.5	20.0	1.8
15	17.0	24.5	20.7	87.2	21.127	18.4	3.3	0.0	3.3	1.9
16	16.3	27.0	21.5	81.6	20.504	17.9	0.0	6.0	6.0	6.4
17	17.3	25.1	20.5	86.0	20.665	18.0	0.5	0.0	0.5	6.4
18	16.6	25.8	20.5	83.3	19.870	17.4	0.0	11.0	11.0	5.3
19	16.8	23.5	20.4	85.0	19.998	17.5	0.0	19.0	19.0	0.1
20	16.7	25.8	20.9	77.8	18.961	16.6	0.0	0.0	0.0	1.1
21	18.0	20.4	19.4	91.2	20.668	18.0	0.0	0.0	0.0	6.8
22	18.0	24.0	20.3	87.2	20.637	18.0	0.0	0.0	0.0	3.2
23	16.3	26.5	19.8	84.7	19.605	17.2	0.0	0.0	0.0	5.1
24	16.4	25.0	21.3	84.1	20.718	18.0	0.0	0.0	0.0	1.1
25	16.4	27.0	21.8	82.3	21.072	18.3	0.0	3.1	3.1	4.1
26	17.4	26.5	21.0	85.5	21.081	18.3	0.3	0.1	0.4	3.9
27	17.4	25.8	20.6	87.6	21.283	18.5	2.6	0.0	2.6	2.9
28	17.3	25.3	20.2	85.9	20.220	17.6	2.3	0.8	3.1	2.0
PROM	16.9	25.3	20.6	85.6	20.557	17.9	127.1	82.8	209.9	92.9

ESTACION: LA BELLA MUNICIPIO: CALARCA AÑO: 1.982

ALTITUD: 1.450 LATITUD: 4-31 N. LONGITUD: 75-40 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.2	21.2	20.0	94.7	21.992	19.0	6.9	11.4	18.3	0.1
2	16.5	24.5	19.4	89.7	20.229	17.7	3.1	1.9	5.0	1.7
3	16.4	27.3	21.8	70.2	17.687	15.5	0.0	3.2	3.2	9.1
4	17.5	23.2	18.9	97.7	21.184	18.4	16.1	0.0	16.1	0.5
5	16.5	25.0	20.3	85.3	20.049	17.5	0.0	0.0	0.0	2.9
6	17.3	25.1	21.0	83.3	20.377	17.8	0.1	15.4	15.5	3.7
7	17.2	26.9	20.7	82.9	20.143	17.6	0.0	0.0	0.0	6.3
8	16.6	26.0	20.5	81.9	20.210	17.7	4.2	0.0	4.2	3.1
9	14.3	24.9	19.9	82.8	18.578	16.3	0.0	0.0	0.0	5.1
10	15.5	26.2	20.5	82.2	19.339	16.9	0.0	0.3	0.3	5.5
11	17.5	24.3	19.8	88.6	20.276	17.7	5.3	0.0	5.3	1.2
12	17.5	25.6	21.0	82.6	20.201	17.7	0.0	0.0	0.0	4.6
13	17.0	26.3	20.8	84.4	20.655	18.0	0.0	7.0	7.0	4.9
14	17.0	23.3	20.5	90.9	21.693	18.8	9.8	0.0	9.8	0.8
15	16.5	26.8	19.2	85.1	19.295	16.9	35.0	11.0	46.0	5.1
16	15.5	26.5	20.7	84.7	20.319	17.7	0.0	4.5	4.5	6.9
17	16.5	26.5	20.9	83.8	20.374	17.8	0.0	0.3	0.3	4.3
18	17.4	24.5	20.3	89.4	21.178	18.4	4.3	0.0	4.3	1.0
19	16.4	25.4	20.5	90.9	21.634	18.7	1.4	0.9	2.3	4.0
20	17.3	25.4	20.7	84.3	20.335	17.7	0.0	0.0	0.0	2.8
21	17.3	27.0	20.5	84.3	20.482	17.8	1.8	0.5	2.3	6.7
22	16.5	28.0	21.4	83.3	20.807	18.1	0.4	1.6	2.0	6.8
23	17.3	25.0	19.9	91.2	21.021	18.3	10.7	0.0	10.7	2.6
24	16.6	26.0	20.0	84.6	19.792	17.3	6.5	0.0	6.5	2.4
25	16.3	27.0	21.7	82.5	20.994	18.2	0.0	0.0	0.0	6.0
26	16.8	25.4	20.6	83.9	20.354	17.8	0.0	0.0	0.0	1.6
27	16.4	26.3	21.2	80.6	19.894	17.4	0.0	0.7	0.7	5.1
28	17.6	25.2	21.0	84.5	21.159	18.4	0.0	0.0	0.0	4.9
29	18.4	26.5	21.5	81.2	20.744	18.1	0.0	0.0	0.0	3.7
30	18.0	25.2	20.7	84.3	20.842	18.2	4.3	0.0	4.3	3.7
31	16.5	24.8	21.8	85.2	21.608	18.7	0.2	0.0	0.2	3.0
PROM.	16.8	25.5	20.6	85.2	20.434	17.8	110.1	58.7	168.8	120.1

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	17.0	26.0	21.0	88.3	22.145	19.1	1.0	0.0	1.0	1.9
2	18.0	23.8	19.6	98.0	22.112	19.1	37.1	0.0	37.1	0.7
3	18.0	23.3	20.4	89.4	21.238	18.5	0.1	0.7	0.8	0.5
4	18.0	22.4	19.6	95.4	21.993	19.0	8.1	1.8	9.9	0.0
5	16.3	23.2	20.2	86.9	20.075	17.6	0.0	0.6	0.6	0.4
6	17.4	24.0	19.6	89.6	20.354	17.8	0.5	0.0	0.5	1.2
7	17.0	25.4	21.2	84.1	20.557	17.9	0.0	0.5	0.5	2.4
8	17.3	23.3	19.8	84.3	19.325	16.9	5.0	0.8	5.8	0.1
9	17.6	24.0	20.5	88.0	20.978	18.3	0.2	1.7	1.9	0.7
10	17.0	23.2	19.9	86.8	19.938	17.5	0.5	0.0	0.5	0.6
11	14.3	25.0	20.6	80.4	19.058	16.7	0.0	63.0	63.0	4.7
12	16.2	25.0	20.7	80.8	19.048	16.7	0.0	0.0	0.0	4.6
13	15.4	26.5	20.9	75.8	18.175	16.0	0.0	0.0	0.0	7.5
14	16.8	27.0	21.8	79.8	20.190	17.6	0.0	0.0	0.0	7.2
15	17.3	28.0	22.0	78.6	20.350	17.8	0.0	0.0	0.0	8.7
16	18.3	27.0	22.7	75.5	20.357	17.7	0.0	68.4	68.4	4.2
17	16.4	23.7	20.0	80.2	18.705	16.3	0.9	33.0	33.9	0.7
18	17.3	24.3	20.6	84.8	20.218	17.7	1.3	64.0	65.3	1.4
19	15.5	26.3	21.3	78.1	19.133	16.8	0.0	0.1	0.1	6.5
20	17.5	23.5	21.2	86.9	21.682	18.8	0.0	0.0	0.0	1.2
21	17.5	23.5	20.2	93.6	22.102	19.1	1.9	0.0	1.9	0.6
22	16.0	26.5	21.9	76.7	19.277	16.9	0.0	0.0	0.0	5.0
23	16.5	25.0	19.1	89.6	20.207	17.6	1.9	5.8	7.7	2.4
24	16.2	25.4	21.1	81.7	19.992	17.4	0.0	0.0	0.0	4.6
25	17.0	26.4	21.1	85.5	21.209	18.4	0.0	0.0	0.0	5.6
26	18.0	26.0	20.4	86.3	21.210	18.4	5.1	0.0	5.1	3.6
27	16.0	26.5	21.2	84.2	20.941	18.2	0.0	6.2	6.2	7.7
28	17.5	21.5	18.6	97.6	20.746	18.1	19.2	1.9	21.1	0.0
29	16.3	25.0	18.9	88.9	19.500	17.1	68.6	0.5	69.1	2.6
30	16.5	25.3	19.5	86.6	19.815	17.3	29.4	0.0	29.4	5.2
PROM	16.9	24.9	20.5	85.4	20.354	17.7	180.8	249.0	429.8	92.5

ESTACION: LA BELLA MUNICIPIO: CALARCA AÑO: 1.982

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	16.3	25.0	19.9	91.7	21.189	18.4	2.5	5.5	8.0	2.7
2	17.2	25.0	20.1	88.1	20.626	18.0	0.3	0.0	0.3	1.6
3	16.3	25.6	19.7	88.5	20.318	17.7	4.1	15.5	19.6	2.5
4	16.5	25.4	20.5	87.5	20.977	18.3	0.0	7.8	7.8	4.7
5	16.8	25.8	20.7	87.4	21.165	18.4	0.0	0.0	0.0	2.6
6	16.5	26.0	20.7	83.8	20.421	17.8	0.0	0.3	0.3	2.8
7	16.5	25.4	20.4	87.8	21.049	18.3	0.2	0.0	0.2	1.9
8	18.0	23.3	20.5	77.1	18.723	16.3	2.9	5.6	8.5	0.5
9	17.3	24.3	20.5	85.2	20.399	17.8	0.5	0.0	0.5	2.1
10	16.5	23.0	20.2	86.7	20.147	17.6	0.0	0.0	0.0	0.4
11	15.5	26.0	20.4	79.3	18.953	16.6	0.0	4.6	4.6	5.3
12	17.3	26.5	21.8	80.0	20.368	17.8	0.0	0.0	0.0	5.5
13	17.2	25.0	20.2	87.6	20.816	18.1	0.2	0.0	0.2	3.7
14	16.3	24.6	20.4	84.6	20.129	17.6	0.0	0.0	0.0	1.5
15	17.3	24.3	18.9	91.2	20.214	17.7	8.0	0.0	8.0	1.1
16	16.1	23.6	19.9	85.8	19.686	17.3	1.2	0.0	1.2	4.3
17	16.5	25.5	19.9	87.8	20.479	17.8	1.5	0.7	2.2	3.3
18	17.5	24.0	20.4	91.5	21.557	18.7	1.0	3.0	4.0	2.3
19	17.5	24.5	20.0	87.1	20.451	17.9	0.0	0.0	0.0	1.0
20	17.6	24.0	20.0	90.2	20.934	18.2	0.1	18.4	18.5	3.1
21	17.0	23.3	19.1	89.5	19.824	17.4	1.4	5.9	7.3	1.9
22	17.3	23.0	19.2	90.9	20.181	17.6	3.6	3.1	6.7	0.0
23	17.0	24.3	19.7	87.4	19.669	17.2	0.0	0.0	0.0	2.6
24	17.5	25.5	21.0	84.0	20.643	17.9	0.0	25.2	25.2	3.1
25	17.0	22.0	18.4	83.6	18.938	16.6	8.6	2.4	11.0	0.6
26	16.5	23.5	19.9	87.8	20.220	17.6	1.3	4.8	6.1	1.3
27	16.6	24.0	20.8	86.3	20.791	18.1	5.9	0.0	5.9	2.1
28	17.0	23.5	19.4	88.0	19.812	17.3	0.0	0.0	0.0	0.4
29	17.3	23.3	19.7	87.6	19.825	17.3	0.2	0.0	0.2	1.8
30	16.0	25.0	20.6	86.9	20.934	18.2	0.0	0.0	0.0	3.5
31	17.5	25.5	21.8	92.5	21.030	18.3	0.0	0.0	0.0	0.0
PROM.	16.9	24.5	20.2	86.7	20.338	17.7	43.5	102.8	146.3	70.2

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	17.5	24.0	21.1	88.4	21.924	19.0	0.0	0.0	0.0	0.6
2	16.5	24.5	21.0	84.0	20.678	18.0	0.0	0.0	0.0	2.4
3	17.5	25.5	21.4	84.0	21.322	18.5	0.0	0.0	0.0	0.4
4	17.5	24.0	20.7	89.2	21.633	18.7	0.0	0.0	0.0	4.2
5	17.0	25.0	20.0	84.2	19.859	17.4	1.2	0.0	1.2	1.3
6	17.0	24.8	21.3	84.5	21.343	18.5	0.0	0.0	0.0	2.8
7	16.5	25.5	22.0	79.4	20.810	17.8	0.0	0.0	0.0	4.2
8	17.0	25.7	22.3	81.0	21.275	18.5	0.0	0.0	0.0	5.6
9	17.4	24.0	21.3	85.4	21.330	18.5	2.2	8.2	10.4	3.3
10	17.3	25.5	21.2	81.5	20.710	18.0	10.6	0.0	10.6	3.5
11	16.5	25.5	21.2	83.5	20.708	18.0	0.0	0.0	0.0	5.1
12	16.7	24.5	21.5	81.1	20.346	17.7	0.0	0.0	0.0	4.6
13	16.4	26.0	22.5	85.8	22.708	19.4	0.0	5.9	5.9	6.0
14	17.5	25.5	21.3	84.6	21.270	18.5	0.0	0.0	0.0	4.6
15	16.0	25.5	22.0	77.8	19.857	17.4	0.0	0.0	0.0	4.3
16	15.5	26.0	20.8	82.1	19.826	17.3	0.0	0.0	0.0	6.3
17	17.5	24.5	21.1	80.8	20.096	17.6	0.0	0.0	0.0	2.2
18	15.1	25.3	20.5	79.4	18.787	16.4	0.0	0.0	0.0	3.5
19	15.6	25.0	19.4	83.4	18.693	16.4	0.2	0.0	0.2	4.4
20	15.1	23.1	19.3	81.9	17.994	15.8	0.0	0.0	0.0	1.0
21	15.6	24.3	20.5	86.5	20.593	17.9	0.0	3.0	3.0	2.4
22	17.0	26.3	21.8	79.4	20.170	17.6	0.0	0.0	0.0	5.2
23	16.4	27.0	21.4	83.1	20.914	18.2	0.0	0.0	0.0	5.7
24	16.8	24.4	20.2	90.5	21.170	18.4	0.0	0.0	0.0	0.8
25	16.5	25.7	21.2	78.6	19.427	17.0	0.0	0.0	0.0	5.9
26	17.7	26.2	21.5	72.0	17.855	15.5	0.0	0.0	0.0	6.8
27	16.4	25.2	20.6	85.2	20.635	18.0	0.0	0.0	0.0	2.7
28	17.1	27.0	22.4	83.5	22.081	19.0	0.0	0.0	0.0	8.0
29	16.0	27.0	22.6	73.4	19.603	17.1	0.0	0.0	0.0	6.8
30	17.0	28.0	23.1	67.0	17.730	15.5	0.0	0.0	0.0	6.4
PROM	16.7	25.4	21.2	82.1	20.362	17.7	14.2	17.1	31.3	121.0

ESTACION: LA BELLA MUNICIPIO: CALARCA AÑO: 1.982

ALTITUD: 1.450 LATITUD: 4-31 N. LONGITUD: 75-40 W.

M E S - JULIO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	27.0	22.9	72.0	19.185	16.8	0.3	0.0	0.3	5.1
2	17.3	25.0	21.5	76.5	19.215	16.8	0.0	0.0	0.0	1.6
3	15.4	25.8	21.2	75.0	18.337	16.1	0.0	0.0	0.0	4.5
4	17.3	25.0	21.3	88.4	22.025	18.9	0.0	0.0	0.0	1.6
5	15.5	25.5	20.9	85.6	20.823	18.1	0.0	0.0	0.0	4.0
6	16.0	24.0	20.5	85.3	20.261	17.7	0.3	0.0	0.3	2.7
7	17.0	25.5	21.3	81.3	20.303	17.7	0.0	0.0	0.0	2.5
8	16.3	24.0	19.1	86.9	19.338	17.0	0.5	0.0	0.5	2.8
9	15.3	25.5	20.6	80.8	19.229	16.9	0.0	0.0	0.0	4.6
10	15.3	25.8	20.2	81.4	19.037	16.7	0.0	0.0	0.0	4.9
11	15.4	25.2	20.1	84.3	19.524	17.1	0.0	22.4	22.4	3.0
12	17.6	23.3	20.0	90.1	20.916	18.2	0.0	0.0	0.0	2.0
13	17.3	26.5	21.3	78.6	19.560	17.1	0.0	0.0	0.0	3.6
14	16.0	29.0	22.4	70.9	18.384	16.2	0.0	0.0	0.0	7.5
15	15.6	29.0	22.1	73.0	18.711	16.4	0.0	0.0	0.0	8.8
16	15.5	28.0	22.4	77.8	20.229	17.6	0.0	0.0	0.0	5.9
17	15.3	27.3	22.1	76.5	19.475	17.1	0.0	0.0	0.0	8.4
18	16.6	24.2	21.2	86.7	21.350	18.5	0.0	0.5	0.5	1.0
19	15.5	25.5	21.4	85.4	21.179	18.4	0.0	0.0	0.0	0.9
20	17.2	25.0	21.4	80.6	20.394	17.8	0.0	0.0	0.0	2.6
21	15.5	28.5	21.5	76.2	18.865	16.6	0.0	0.0	0.0	9.2
22	14.8	27.0	20.8	73.9	18.774	16.5	0.0	0.0	0.0	5.6
23	14.6	28.0	22.3	64.0	16.059	14.0	0.0	0.0	0.0	6.2
24	15.0	29.0	21.0	71.1	17.132	15.0	0.0	0.0	0.0	7.5
25	15.0	25.8	21.6	75.7	18.763	16.4	0.0	0.0	0.0	5.5
26	16.8	24.5	20.6	85.7	20.460	17.8	0.0	0.0	0.0	2.5
27	17.0	22.5	19.5	91.5	20.650	18.0	0.7	0.0	0.7	0.3
28	17.0	24.5	20.4	83.1	19.398	17.0	0.0	0.0	0.0	2.2
29	17.3	26.0	20.7	81.6	19.654	17.2	0.0	0.0	0.0	4.2
30	17.0	27.5	22.2	71.2	17.983	15.5	0.0	0.0	0.0	7.9
31	15.4	27.3	22.5	63.9	16.203	14.2	0.0	0.0	0.0	3.0
PROM.	16.1	26.0	21.2	79.4	19.401	16.9	1.8	22.9	24.7	132.1

M E S - AGOSTO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	27.3	20.3	79.3	18.697	16.4	0.0	0.0	0.0	7.4
2	17.0	28.0	22.1	69.8	17.725	15.3	0.0	0.0	0.0	6.8
3	16.3	28.0	22.8	76.1	20.125	17.5	0.0	0.0	0.0	7.7
4	15.3	29.3	23.7	60.9	16.224	14.1	0.0	0.0	0.0	10.1
5	14.5	27.3	22.1	72.9	18.266	16.0	0.0	0.0	0.0	6.8
6	14.5	25.0	20.3	80.2	18.786	16.5	0.0	0.0	0.0	3.6
7	17.0	25.0	20.1	86.3	20.501	17.9	3.1	0.0	3.1	2.0
8	17.0	24.1	20.4	84.3	20.100	17.5	0.0	0.0	0.0	1.3
9	14.0	29.0	22.3	68.5	16.983	14.9	0.0	0.0	0.0	4.8
10	15.8	27.0	22.4	77.0	20.060	17.6	0.0	0.0	0.0	8.0
11	17.0	29.5	23.7	59.5	16.314	14.3	0.0	0.0	0.0	8.5
12	17.5	30.0	22.6	63.2	16.459	14.4	0.0	0.0	0.0	6.8
13	16.5	28.5	23.3	61.3	16.038	13.9	0.0	0.0	0.0	3.0
14	16.6	29.0	22.9	71.0	19.117	16.8	0.0	0.0	0.0	8.4
15	16.8	29.6	23.4	72.8	19.940	17.4	0.0	0.0	0.0	8.5
16	18.0	29.3	22.4	77.5	20.320	17.7	0.0	0.0	0.0	3.8
17	15.0	30.1	22.3	75.5	19.319	17.0	0.0	0.0	0.0	8.1
18	16.4	29.1	23.7	65.2	17.984	15.8	0.0	0.0	0.0	4.5
19	16.5	28.5	23.3	65.5	17.606	15.4	0.0	0.0	0.0	5.0
20	17.5	28.5	20.9	68.9	17.584	15.0	0.0	0.0	0.0	1.7
21	17.0	29.0	22.9	75.9	20.433	17.8	0.0	0.0	0.0	10.1
22	15.3	31.4	24.3	59.4	15.926	13.7	0.0	0.0	0.0	9.2
23	16.8	30.5	24.2	65.3	18.882	16.5	0.0	0.0	0.0	5.1
24	17.5	29.5	22.9	73.6	19.568	17.1	0.0	0.0	0.0	5.1
25	17.0	30.0	23.2	69.0	18.805	16.5	0.0	0.0	0.0	4.1
26	14.8	30.0	22.9	74.8	19.433	17.0	0.0	0.0	0.0	7.4
27	16.4	30.2	23.6	77.8	22.046	19.0	0.0	0.0	0.0	4.8
28	17.3	30.0	24.0	64.0	17.666	15.4	0.0	0.0	0.0	1.5
29	15.6	29.2	22.3	67.3	16.895	14.8	0.0	0.0	0.0	6.4
30	15.6	26.0	20.5	84.0	20.123	17.6	0.0	0.0	0.0	2.3
31	15.6	27.5	20.1	74.2	17.013	14.9	0.0	0.0	0.0	4.1
PROM	16.2	28.6	22.4	71.6	18.546	16.2	3.1	0.0	3.1	176.9

ESTACION: LA BELLA MUNICIPIO: CALARCA AÑO: 1.982

ALTITUD: 1.450 LATITUD: 4-31 N. LONGITUD: 75-40 W.

A G O S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	29.6	21.9	66.2	16.267	14.1	0.0	0.0	0.0	6.6
2	17.5	30.0	22.9	64.7	17.612	15.5	0.0	0.0	0.0	7.8
3	15.4	29.5	21.6	76.5	19.371	17.0	0.0	0.0	0.0	5.5
4	16.0	29.0	21.8	79.1	20.523	17.9	0.0	0.0	0.0	3.0
5	16.6	28.9	22.1	68.8	17.962	15.7	0.0	0.0	0.0	4.5
6	16.0	30.1	21.9	69.6	17.511	15.4	0.0	0.0	0.0	7.3
7	15.3	30.5	22.1	72.4	18.620	16.4	0.0	0.0	0.0	8.8
8	15.8	29.0	21.8	74.4	19.212	16.8	0.0	0.0	0.0	4.7
9	16.5	27.0	20.2	86.6	20.586	17.9	0.0	0.0	0.0	3.1
10	16.5	25.0	20.8	82.8	19.957	17.5	0.0	3.7	3.7	2.2
11	18.0	25.0	20.6	88.6	21.495	18.6	3.6	0.0	3.6	2.0
12	15.4	28.4	22.1	77.5	20.140	17.6	0.0	0.0	0.0	7.8
13	17.4	28.0	21.6	82.9	21.211	18.4	0.0	0.0	0.0	3.9
14	17.4	26.0	20.7	83.3	20.188	17.6	0.0	0.0	0.0	1.2
15	17.5	23.0	20.0	84.6	19.722	17.3	0.0	0.1	0.1	0.5
16	17.5	24.0	19.3	87.9	19.827	17.4	4.6	5.6	10.2	1.0
17	15.4	23.0	18.1	93.7	19.549	17.1	22.7	0.2	22.9	0.4
18	15.5	23.1	19.5	85.1	19.190	16.8	0.0	11.0	11.0	5.3
19	15.3	22.0	18.9	89.2	19.310	17.0	0.8	0.0	0.8	0.2
20	15.0	25.5	19.8	83.9	19.252	16.9	0.0	0.0	0.0	4.2
21	16.4	27.0	21.0	79.5	19.444	17.1	0.0	0.0	0.0	6.3
22	15.3	26.0	20.5	79.9	19.088	16.8	0.0	0.0	0.0	5.1
23	15.3	25.0	20.4	81.2	19.225	16.9	0.0	3.8	3.8	2.2
24	17.0	20.6	18.5	92.6	19.891	17.4	9.4	7.3	16.7	0.3
25	15.3	23.0	19.1	87.9	19.487	17.0	20.4	2.3	22.7	2.4
26	15.5	23.3	18.6	75.5	16.123	14.1	0.0	0.0	0.0	5.5
27	15.8	26.0	21.0	78.6	19.295	16.9	0.0	3.8	3.8	5.3
28	15.5	23.3	18.7	85.7	18.558	16.3	0.0	0.3	0.3	1.5
29	16.6	25.0	20.1	85.3	19.856	17.4	0.5	0.0	0.5	2.8
30	16.5	24.5	19.9	86.4	19.909	17.4	0.0	0.0	0.0	2.0
PROM.	16.2	26.1	20.5	81.0	19.279	16.9	62.0	38.1	100.1	113.4

O C T - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	22.0	19.0	87.8	19.225	16.8	0.4	0.0	0.4	1.0
2	14.6	25.0	19.8	82.2	18.711	16.3	0.0	16.5	16.5	4.2
3	16.3	22.0	17.9	85.7	17.759	15.6	2.3	7.4	9.7	1.4
4	14.6	25.5	19.8	81.5	18.210	16.0	0.0	16.1	16.1	4.2
5	16.5	24.5	20.4	85.8	20.170	17.6	4.4	1.8	6.2	5.9
6	15.5	25.0	21.1	79.8	19.522	17.1	0.0	0.0	0.0	4.3
7	16.6	23.0	19.3	90.1	20.137	17.6	14.0	8.2	22.2	1.6
8	15.3	23.0	17.9	91.4	18.580	16.3	1.4	0.0	1.4	2.7
9	15.0	23.6	19.6	83.4	19.335	17.0	0.6	6.4	7.0	1.9
10	16.5	24.0	20.1	85.7	19.881	17.4	0.0	0.0	0.0	2.3
11	15.4	27.5	21.0	80.7	19.886	17.3	0.0	9.8	9.8	7.1
12	16.1	21.3	18.3	90.0	18.980	16.7	2.8	0.0	2.8	0.3
13	14.4	26.5	20.2	73.7	18.249	16.0	0.0	0.0	0.0	6.8
14	16.5	25.0	20.4	86.0	20.493	17.9	0.0	8.8	8.8	0.7
15	16.4	25.0	19.2	82.5	18.151	15.9	0.7	0.0	0.7	4.2
16	17.0	25.0	20.5	83.1	20.134	17.6	0.0	2.5	2.5	1.8
17	17.0	23.6	19.5	86.7	19.648	17.2	1.4	0.0	1.4	2.7
18	15.5	25.0	20.0	87.1	20.165	17.6	2.7	0.2	2.9	3.2
19	16.5	25.5	19.3	85.3	19.174	16.8	7.7	5.2	12.9	2.8
20	15.5	21.5	18.9	88.1	19.054	16.7	0.0	4.3	4.3	0.8
21	15.8	24.0	19.4	84.3	18.734	16.5	0.0	7.4	7.4	4.9
22	16.5	24.0	19.3	86.9	19.554	17.1	0.8	0.0	0.8	2.3
23	15.5	24.5	19.9	84.3	19.341	17.1	4.6	6.9	11.5	2.8
24	17.0	24.5	19.9	88.6	20.416	17.8	0.5	16.2	16.7	0.3
25	16.5	25.0	20.3	83.0	19.550	17.2	0.0	8.5	8.5	1.5
26	17.0	24.0	20.2	85.2	19.978	17.5	2.0	0.0	2.0	1.3
27	16.5	22.5	19.0	91.2	20.217	17.7	0.3	0.0	0.3	0.6
28	14.4	24.0	19.6	80.1	17.773	15.6	0.0	0.0	0.0	4.9
29	14.5	25.0	20.1	82.8	19.214	16.9	0.0	0.0	0.0	5.0
30	15.4	26.0	20.6	79.5	19.315	16.9	0.0	0.0	0.0	4.8
31	16.0	25.6	20.2	80.0	19.053	16.7	11.4	0.0	11.4	3.7
PROM	15.9	24.3	19.7	84.8	19.316	16.9	56.0	126.2	184.2	92.0

ESTACION: LA BELLA MUNICIPIO: CALARCA AÑO: 1.982

ALTITUD: 1.450 LATITUD: 4-31 N. LONGITUD: 75-40 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	23.5	20.3	89.4	21.264	18.5	9.4	0.4	9.8	1.2
2	15.3	23.0	18.9	86.6	18.696	16.4	0.0	27.2	27.2	1.5
3	15.6	25.0	20.3	86.7	20.440	17.8	0.0	12.0	12.0	6.9
4	16.5	25.0	20.0	85.1	19.868	17.4	0.0	0.0	0.0	3.2
5	15.5	25.6	20.6	82.0	19.730	17.3	0.0	0.5	0.5	8.2
6	16.5	25.5	20.3	84.7	19.970	17.4	3.9	0.7	4.6	3.3
7	17.8	25.0	20.5	86.9	20.853	18.2	0.6	0.0	0.6	4.1
8	18.0	26.5	21.3	86.5	21.776	18.9	0.0	0.0	0.0	6.0
9	16.5	27.0	21.5	81.2	20.744	18.1	0.0	0.0	0.0	6.8
10	16.5	25.0	19.0	90.7	19.736	17.2	2.0	0.0	2.0	4.1
11	15.3	23.0	19.2	87.7	19.340	16.9	0.0	15.8	15.8	1.3
12	15.6	23.5	18.7	88.0	19.104	16.8	0.5	0.0	0.5	3.8
13	15.4	26.4	20.8	79.8	19.443	17.0	0.0	0.0	0.0	6.1
14	16.3	26.3	21.2	85.3	21.344	18.5	0.0	0.0	0.0	7.3
15	17.0	27.0	20.3	84.6	20.130	17.6	13.5	0.4	13.9	6.3
16	18.0	24.0	19.4	88.6	20.248	17.7	2.9	0.0	2.9	1.4
17	16.5	23.8	20.5	84.1	20.078	17.5	2.9	0.0	2.9	0.8
18	17.0	22.7	18.8	93.1	20.485	17.9	3.0	0.0	3.0	0.4
19	16.3	24.0	19.5	88.6	20.039	17.5	0.0	6.1	6.1	6.4
20	17.0	22.1	18.9	91.4	20.144	17.6	9.3	5.3	14.6	3.6
21	15.6	23.4	19.5	84.0	18.744	16.4	0.0	24.9	24.9	4.4
22	15.8	23.5	19.7	86.8	19.637	17.2	0.0	9.7	9.7	2.7
23	16.5	25.0	19.3	88.0	19.900	17.4	17.9	0.0	17.9	2.8
24	15.6	25.6	20.8	82.9	20.044	17.5	0.0	4.4	4.4	3.2
25	16.5	24.0	19.3	86.7	19.541	17.1	0.0	0.0	0.0	2.9
26	15.5	25.0	18.8	87.3	19.127	16.8	12.1	1.1	13.2	3.9
27	17.0	25.1	20.9	82.2	20.194	17.6	0.0	0.0	0.0	9.2
28	17.1	25.1	19.6	83.2	18.946	16.7	0.0	0.0	0.0	7.7
29	14.5	26.6	20.3	78.0	18.552	16.3	0.0	0.0	0.0	6.7
30	16.5	26.5	21.5	78.4	19.577	17.1	0.0	0.0	0.0	6.3
PROM.	16.3	24.8	20.0	85.6	19.923	17.4	78.0	108.5	186.5	132.5

M E S - DICIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	26.5	20.9	84.3	20.850	18.2	1.8	0.0	1.8	3.0
2	16.5	25.5	20.4	84.4	20.260	17.7	0.0	0.0	0.0	3.1
3	15.5	25.0	20.5	87.8	20.919	18.2	6.0	0.1	6.1	4.1
4	17.6	22.6	19.4	96.9	22.395	19.3	0.0	1.0	1.0	0.0
5	17.4	24.0	20.1	93.8	21.909	18.9	8.3	0.2	8.5	2.3
6	16.0	25.0	19.7	84.9	19.453	17.1	0.0	0.0	0.0	4.3
7	17.5	25.5	20.3	85.9	20.636	18.0	1.4	0.3	1.7	2.8
8	17.5	24.0	19.4	90.1	20.264	17.7	0.0	0.0	0.0	0.6
9	16.5	20.6	18.2	92.3	19.555	17.1	0.0	0.0	0.0	0.0
10	14.5	25.1	20.4	86.4	20.260	17.6	0.0	0.0	0.0	4.2
11	15.8	24.0	21.0	87.1	21.520	18.6	0.0	0.0	0.0	3.2
12	17.0	26.2	20.1	79.1	19.022	16.7	8.2	0.0	8.2	3.8
13	17.0	24.0	20.3	90.8	21.583	18.7	0.0	0.0	0.0	1.8
14	16.5	25.0	20.3	83.8	19.825	17.3	0.0	0.0	0.0	4.0
15	15.5	26.0	20.7	82.3	20.046	17.5	0.0	0.0	0.0	6.1
16	17.5	24.0	20.2	87.3	20.805	18.1	1.8	29.3	31.1	1.5
17	17.5	24.0	20.2	90.0	21.131	18.4	0.7	1.3	2.0	2.4
18	17.5	22.0	19.7	93.1	18.963	16.6	0.0	0.0	0.0	2.1
19	17.0	25.0	20.1	86.0	20.090	17.6	0.2	0.0	0.2	0.4
20	17.0	26.0	21.2	84.5	20.988	18.3	0.2	0.0	0.2	4.2
21	18.1	26.0	20.4	87.3	21.059	18.3	1.8	35.2	37.0	5.0
22	16.6	25.4	20.4	88.4	21.133	18.3	0.0	7.5	7.5	2.9
23	17.6	25.3	20.7	88.4	21.691	18.8	0.0	0.0	0.0	4.7
24	16.4	25.0	19.3	84.3	19.320	17.0	66.3	0.0	66.3	
25	14.5	26.6	19.9	81.6	19.047	16.7	0.0	0.2	0.2	
26	16.3	26.8	20.7	83.0	20.312	17.7	0.0	12.8	12.8	6.0
27	17.4	23.3	20.0	90.0	20.893	18.2	0.0	0.0	0.0	0.1
28	16.3	24.0	19.7	82.7	19.005	16.7	0.0	0.0	0.0	1.9
29	14.2	22.0	18.8	83.4	17.808	15.7	0.0	0.0	0.0	2.2
30	14.4	25.8	20.2	79.1	18.368	16.1	0.0	0.0	0.0	7.4
31	16.0	26.6	20.7	74.0	17.739	15.6	0.0	0.0	0.0	8.5
PROM	16.5	24.7	20.1	85.9	20.221	17.6	96.7	87.9	184.6	

ESTACION: LA BELLA MUNICIPIO CALARCA AÑO: 1.982

ALTITUD: 1.450 LATITUD: 4-31 N. LONGITUD: 75-40 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.4	25.3	20.3	14.5	27.3	83.6	19.694	17.2	288.3	15	
FEBRERO	16.9	25.3	20.6	15.3	27.2	85.6	20.557	17.9	209.9	21	92.9
MARZO	16.8	25.5	20.6	14.3	28.0	85.2	20.434	17.8	168.8	22	120.1
ABRIL	16.9	24.9	20.5	14.3	28.0	85.4	20.354	17.7	429.8	22	92.5
MAYO	16.9	24.5	20.2	15.5	26.5	86.7	20.338	17.7	146.3	22	70.2
JUNIO	16.7	25.4	21.2	15.1	28.0	82.1	20.362	17.7	31.3	6	121.0
JULIO	16.1	26.0	21.2	14.6	29.0	79.4	19.401	16.9	24.7	6	132.1
AGOSTO	16.2	28.6	22.4	14.0	31.4	71.6	18.546	16.2	3.1	1	176.9
SEPTIEMBRE	16.2	26.1	20.5	15.0	30.5	81.0	19.279	16.9	100.1	13	113.4
OCTUBRE	15.9	24.3	19.7	14.4	27.5	84.8	19.316	16.9	184.2	25	92.0
NOVIEMBRE	16.3	24.8	20.0	14.5	27.0	85.6	19.923	17.4	186.5	20	132.5
DICIEMBRE	16.5	24.7	20.1	14.2	26.8	85.9	20.221	17.6	184.6	15	
PROMEDIO	16.5	25.5	20.6	14.6	28.1	83.1	19.869	17.3			
TOTAL									1957.6	188	

ESTACION: PARAGUAYCITO MUNICIPIO: BUENAVISTA AÑO: 1.982

ALTITUD: 1.250 LATITUD: 4-23 N. LONGITUD: 75-44 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	26.3	19.8	87.4	20.651	18.0	39.1	0.0	39.1	1.8
2	15.9	26.0	20.7	84.8	20.592	18.0	0.0	50.1	50.1	1.7
3	15.7	27.0	20.5	80.4	18.924	16.6	0.0	33.6	33.6	5.0
4	17.0	24.0	19.6	87.9	20.052	17.5	9.7	7.2	16.9	0.8
5	17.0	26.6	19.7	88.0	20.233	17.7	0.8	25.4	26.2	3.0
6	16.9	27.6	20.5	79.5	18.955	16.6	0.2	8.1	8.3	7.5
7	17.7	27.5	20.6	85.2	20.752	18.1	4.7	32.4	37.1	3.2
8	17.0	28.0	21.3	74.3	18.425	16.2	0.1	0.0	0.1	7.1
9	17.3	27.9	21.7	80.9	20.549	17.9	0.0	5.7	5.7	3.7
10	18.0	26.3	21.0	85.6	21.277	18.5	0.6	0.7	1.3	2.2
11	16.5	30.2	22.4	81.1	21.442	18.6	0.7	0.0	0.7	8.1
12	17.8	29.9	21.1	91.2	20.446	17.8	3.9	0.0	3.9	7.5
13	15.7	29.3	21.9	77.8	20.085	17.5	0.0	0.0	0.0	7.9
14	16.5	29.5	22.9	75.4	20.247	17.7	0.0	0.4	0.4	5.6
15	18.0	28.7	21.4	78.4	19.979	17.5	2.7	0.0	2.7	5.6
16	16.8	29.2	22.0	77.9	20.122	17.6	0.0	0.0	0.0	8.2
17	16.7	29.8	22.7	78.5	20.976	18.2	0.0	0.0	0.0	8.7
18	16.5	29.9	22.5	79.0	21.129	18.4	0.0	0.0	0.0	8.9
19	16.4	30.0	22.2	76.4	19.688	17.2	0.0	0.0	0.0	8.7
20	15.4	28.2	22.6	75.4	19.629	17.2	0.0	0.0	0.0	5.7
21	16.3	30.6	23.9	72.9	20.580	17.9	0.0	0.0	0.0	9.0
22	17.3	30.3	23.2	74.5	20.403	17.8	0.0	0.0	0.0	9.4
23	17.6	30.0	22.6	75.5	19.989	17.5	0.0	0.0	0.0	8.0
24	15.0	30.0	22.3	71.9	17.998	15.7	0.0	0.6	0.6	9.5
25	16.6	28.8	21.9	77.6	19.973	17.4	0.0	0.0	0.0	6.3
26	16.7	28.8	21.4	77.1	19.518	17.1	0.0	2.7	2.7	7.4
27	17.9	24.3	20.1	91.8	21.384	18.6	7.2	0.0	7.2	0.6
28	17.0	27.0	20.7	81.7	20.018	17.5	0.3	0.0	0.3	2.2
29	16.6	27.8	20.8	76.8	18.389	16.1	0.0	0.4	0.4	4.3
30	17.3	27.1	21.8	78.0	20.090	17.5	0.0	0.0	0.0	2.4
31	17.6	27.3	21.3	78.2	19.523	17.1	0.0	0.2	0.2	2.1
PROM.	16.8	28.2	21.5	79.7	20.065	17.5	75.0	167.5	242.5	172.1

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	28.0	21.1	85.2	21.381	18.6	1.1	0.0	1.1	4.5
2	16.4	25.6	20.5	87.2	21.142	18.4	22.2	0.0	22.2	1.7
3	15.0	29.3	22.2	76.5	19.439	17.0	0.0	0.0	0.0	7.9
4	17.3	30.0	22.5	74.6	19.786	17.3	0.2	1.2	1.4	6.3
5	18.6	27.0	20.7	82.9	20.450	17.8	21.2	0.0	21.2	2.5
6	17.6	28.8	22.0	73.9	20.355	17.8	0.0	26.1	26.1	5.4
7	18.2	28.3	21.6	81.2	20.668	18.0	0.0	0.0	0.0	4.4
8	16.4	29.0	23.0	72.9	19.836	17.3	0.0	0.0	0.0	5.1
9	17.7	29.3	22.4	78.2	20.541	17.9	2.0	15.8	17.8	7.1
10	19.6	28.5	22.3	80.5	21.567	18.7	7.3	0.0	7.3	1.9
11	18.4	29.8	22.9	73.4	21.799	18.9	0.0	0.0	0.0	5.7
12	17.3	27.0	21.3	82.6	21.332	18.5	1.7	0.4	2.1	1.7
13	16.7	29.5	22.5	73.9	19.394	17.0	0.0	2.6	2.6	7.0
14	18.7	28.8	22.0	81.2	20.924	18.2	0.0	30.7	30.7	2.6
15	18.3	26.3	21.2	80.6	20.366	17.8	13.8	0.0	13.8	1.6
16	16.9	29.7	23.5	69.1	19.271	16.9	0.0	1.8	1.8	8.4
17	18.5	28.7	22.3	76.1	20.093	17.6	0.0	0.0	0.0	5.3
18	16.3	29.6	22.4	74.0	19.354	17.0	0.0	9.1	9.1	7.5
19	17.9	26.3	21.4	80.9	20.343	17.8	0.7	2.2	2.9	1.9
20	17.8	25.0	20.5	85.7	20.402	17.8	0.0	0.0	0.0	0.0
21	16.2	29.6	22.3	70.6	18.211	16.0	0.0	0.0	0.0	7.3
22	18.3	27.0	22.4	77.0	20.691	18.1	0.0	0.0	0.0	4.1
23	17.6	28.6	21.6	77.7	19.930	17.5	0.4	0.0	0.4	6.1
24	16.4	28.3	22.1	66.8	16.979	14.7	0.0	0.0	0.0	1.3
25	17.0	30.3	23.0	72.6	19.747	17.3	0.0	0.0	0.0	5.9
26	17.6	29.7	23.3	72.5	20.747	18.1	0.0	3.4	3.4	4.8
27	17.7	27.5	22.3	77.1	20.280	17.7	0.0	0.0	0.0	1.4
28	17.8	29.0	22.3	78.1	20.688	18.0	0.5	2.1	2.6	2.9
PROM	17.5	28.4	22.1	77.6	20.204	17.6	71.1	95.4	166.5	122.3

ESTACION: PARAGUAYCITO MUNICIPIO: BUENAVISTA AÑO: 1.982

ALTITUD: 1.250 LATITUD: 4-23 N. LONGITUD: 75-44 W.

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.2	24.2	21.0	85.3	21.223	18.4	0.5	3.7	4.2	0.2
2	18.1	28.2	20.9	80.5	20.117	17.6	15.5	5.5	21.0	4.2
3	17.0	30.4	24.4	65.1	19.077	16.8	0.0	1.9	1.9	10.0
4	18.9	23.3	20.7	89.2	21.734	18.8	3.4	0.1	3.5	0.0
5	18.4	27.3	21.8	76.3	19.477	17.1	3.4	0.0	3.4	3.9
6	17.4	28.6	22.6	75.3	20.185	17.7	0.0	0.0	0.0	4.1
7	18.6	30.4	23.1	71.0	19.924	17.4	0.0	0.0	0.0	8.2
8	18.9	29.8	22.1	79.3	21.361	18.5	8.4	0.1	8.5	5.2
9	14.7	28.1	21.5	73.7	18.120	16.0	0.0	0.0	0.0	4.5
10	15.6	28.5	21.7	74.1	18.659	16.4	0.0	0.0	0.0	4.8
11	18.3	25.7	21.2	84.5	21.153	18.4	0.4	0.0	0.4	0.7
12	17.8	29.0	22.3	79.2	21.244	18.5	1.9	0.9	2.8	4.3
13	17.2	30.0	22.0	79.6	20.780	18.0	2.4	2.9	5.3	6.3
14	18.9	25.8	21.3	84.9	21.604	18.7	2.2	0.0	2.2	0.1
15	17.7	29.5	21.0	74.2	18.601	16.3	1.0	3.2	4.2	4.6
16	17.4	30.2	22.4	76.2	20.239	17.7	0.0	1.0	1.0	6.3
17	17.6	30.0	22.3	78.1	20.534	17.9	0.0	0.9	0.9	2.7
18	18.4	27.3	21.9	80.1	20.915	18.2	0.1	0.0	0.1	1.3
19	18.0	29.0	22.3	78.5	20.871	18.2	0.0	7.3	7.3	2.9
20	18.1	29.8	22.3	76.6	20.361	17.8	0.0	0.0	0.0	3.1
21	17.4	30.2	23.9	72.5	20.420	17.8	0.0	0.0	0.0	6.9
22	17.5	31.4	22.6	80.5	21.458	18.5	2.0	0.0	2.0	5.3
23	18.2	28.2	21.4	81.4	20.979	18.3	12.3	0.0	12.3	1.6
24	16.7	29.0	21.1	80.5	20.179	17.7	0.2	0.0	0.2	2.1
25	16.9	30.6	23.6	73.0	20.325	17.7	0.0	0.0	0.0	5.9
26	17.4	28.5	21.7	80.9	21.149	18.4	0.5	0.3	0.8	0.5
27	16.7	30.0	22.9	71.4	19.386	17.0	0.0	0.0	0.0	5.5
28	18.9	28.0	21.9	82.2	21.413	18.6	4.0	0.0	4.0	2.4
29	19.0	28.9	22.8	73.2	19.814	17.3	0.0	0.0	0.0	2.7
30	18.7	29.1	22.6	78.1	21.687	18.8	0.2	0.0	0.2	4.0
31	16.4	28.0	22.8	76.3	21.106	18.4	0.0	0.2	0.2	1.4
PROM.	17.7	28.6	22.1	77.8	20.455	17.8	58.4	28.0	86.4	115.7

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	18.2	29.6	22.6	82.3	22.394	19.3	17.4	0.0	17.4	1.3
2	18.9	26.0	21.4	86.8	22.346	19.3	0.9	0.0	0.9	0.4
3	18.7	26.0	21.8	84.0	21.886	18.9	0.9	2.9	3.8	0.4
4	19.0	25.0	20.0	87.8	20.793	18.1	11.8	0.5	12.3	0.1
5	17.5	25.8	21.7	82.1	20.965	18.2	0.0	0.0	0.0	0.3
6	18.4	27.0	21.5	80.5	20.635	18.0	0.0	0.0	0.0	0.9
7	17.4	29.5	23.2	71.6	19.656	17.2	0.0	0.0	0.0	6.0
8	18.3	26.5	20.9	89.4	21.893	18.9	1.5	1.6	3.1	0.7
9	17.7	26.5	21.1	84.6	20.888	18.2	1.0	8.5	9.5	2.2
10	17.5	25.7	20.5	83.3	20.174	17.6	0.5	21.4	21.9	0.2
11	14.8	27.8	21.7	77.5	19.531	17.1	0.0	59.4	59.4	5.3
12	17.0	28.4	21.9	71.9	18.377	16.2	0.1	0.0	0.1	4.2
13	15.9	29.3	22.5	70.7	18.251	16.1	0.0	0.0	0.0	7.8
14	16.8	29.5	22.9	68.7	18.290	16.1	0.0	0.0	0.0	7.4
15	16.5	30.6	23.7	68.7	19.508	17.1	0.0	0.0	0.0	9.5
16	18.6	30.3	23.8	71.2	20.560	17.9	0.0	50.1	50.1	7.2
17	17.2	27.0	20.9	82.3	20.149	17.6	4.6	43.2	47.8	1.4
18	17.0	27.3	22.1	79.1	20.664	18.0	1.8	8.1	9.9	3.4
19	16.2	29.4	23.5	70.5	19.965	17.5	0.0	0.0	0.0	8.1
20	19.0	27.4	22.0	82.9	22.019	19.0	0.0	2.2	2.2	1.1
21	17.6	26.0	21.3	84.7	21.297	18.5	0.0	0.0	0.0	0.3
22	16.5	29.6	22.6	76.3	20.402	17.8	0.0	0.0	0.0	5.7
23	18.0	27.1	21.3	86.5	21.726	18.8	0.8	20.2	21.0	1.0
24	16.4	29.3	23.0	75.6	20.505	17.9	0.0	0.0	0.0	7.0
25	17.3	31.3	23.3	71.7	20.148	17.6	0.2	0.6	0.8	7.4
26	17.2	29.3	21.8	80.7	21.705	18.8	23.7	0.0	23.7	2.8
27	15.9	30.0	22.5	79.6	21.518	18.7	0.0	1.5	1.5	8.7
28	18.8	23.8	19.8	91.7	21.363	18.5	30.4	1.5	31.9	0.0
29	17.7	29.1	21.2	77.4	19.521	17.1	2.0	0.0	2.0	6.6
30	16.8	29.5	20.4	82.5	19.938	17.4	34.3	19.3	53.6	4.8
PROM	17.4	28.0	21.9	79.4	20.569	17.9	131.9	241.0	372.9	112.2

ESTACION: PARAGUAYCITO MUNICIPIO: BUENAVISTA AÑO: 1.982

ALTITUD: 1.250 LATITUD: 4-23 N. LONGITUD: 75-44 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	28.9	21.5	81.7	20.734	18.1	1.3	7.3	8.6	2.8
2	17.4	26.9	20.9	86.5	21.825	18.9	3.3	0.0	3.3	2.3
3	16.6	29.3	21.9	82.6	21.561	18.7	4.7	11.4	16.1	4.5
4	16.8	28.8	22.0	79.1	20.802	18.1	0.0	10.6	10.6	7.0
5	18.3	28.9	22.6	76.9	20.470	17.9	0.0	0.0	0.0	4.0
6	17.4	28.6	22.2	80.7	21.469	18.6	0.0	5.6	5.6	1.7
7	18.8	27.5	22.6	75.3	20.280	17.7	0.0	4.7	4.7	3.7
8	18.9	27.4	21.7	84.8	22.133	19.1	0.0	3.5	3.5	0.6
9	18.2	26.3	21.8	84.6	21.950	19.0	1.1	0.0	1.1	2.2
10	17.9	25.0	21.4	85.1	21.472	18.6	0.0	0.0	0.0	0.1
11	16.5	29.8	22.4	77.1	20.861	18.2	5.9	0.5	6.4	7.9
12	18.5	29.7	22.9	73.5	19.983	17.5	0.0	0.0	0.0	7.4
13	18.2	28.0	21.9	80.1	21.611	18.7	0.0	0.0	0.0	4.4
14	16.9	27.8	21.2	86.8	21.773	18.8	1.9	0.0	1.9	2.9
15	17.9	26.5	20.3	86.2	20.831	18.2	1.0	0.0	1.0	1.9
16	16.2	28.1	21.3	80.8	20.086	17.6	0.0	0.0	0.0	5.3
17	17.2	29.5	21.8	80.1	20.883	18.2	0.0	2.2	2.2	3.0
18	18.9	26.5	20.5	90.6	21.703	19.8	2.6	6.1	8.7	1.9
19	18.6	27.5	21.7	80.5	20.907	18.2	0.0	0.2	0.2	2.3
20	18.8	27.5	21.4	81.0	20.474	17.9	0.4	77.1	77.5	3.1
21	17.6	26.8	20.4	84.8	20.734	18.0	1.4	2.8	4.2	2.3
22	17.4	25.0	20.4	84.6	20.078	17.5	0.2	8.0	8.2	0.4
23	17.8	27.9	21.5	79.2	20.015	17.5	0.0	0.0	0.0	4.7
24	17.8	28.0	22.4	80.4	22.021	19.0	2.0	1.6	3.6	5.4
25	18.4	25.1	19.5	92.0	21.153	18.4	11.8	0.0	11.8	0.6
26	18.0	26.1	20.9	82.7	20.639	18.0	1.4	1.1	2.5	1.5
27	17.8	28.8	21.4	82.3	20.873	18.2	4.5	0.2	4.7	4.3
28	17.4	26.7	20.6	87.1	20.981	18.3	0.6	0.0	0.6	1.4
29	18.3	26.5	20.9	83.4	20.744	18.1	0.4	0.0	0.4	1.2
30	16.6	28.3	21.6	80.8	20.470	17.8	0.0	0.0	0.0	4.8
31	17.5	30.0	23.4	77.7	22.204	19.2	0.0	0.0	0.0	5.8
PROM.	17.7	27.7	21.5	82.2	21.023	18.3	44.5	142.9	187.4	101.4

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.3	27.0	22.2	79.2	20.952	18.2	0.0	0.0	0.0	1.0
2	17.4	29.2	22.7	76.6	20.559	17.9	0.0	0.0	0.0	6.9
3	18.4	29.5	23.3	76.8	21.805	18.9	0.0	0.0	0.0	5.7
4	17.9	26.8	22.3	83.7	22.424	19.4	0.4	0.8	1.2	2.9
5	17.6	27.8	21.9	81.5	20.978	18.2	0.0	0.0	0.0	2.6
6	17.9	28.8	21.9	83.7	21.990	19.0	0.0	0.0	0.0	3.6
7	17.2	29.0	23.1	76.4	21.375	18.6	0.0	0.0	0.0	4.9
8	19.0	31.2	23.0	77.2	21.613	18.7	0.0	0.0	0.0	5.6
9	18.0	28.5	22.2	79.9	21.162	18.4	1.7	9.7	11.4	4.3
10	18.2	29.0	22.4	77.0	20.524	17.9	0.0	0.0	0.0	7.6
11	17.0	30.5	23.4	75.5	21.463	18.6	0.0	1.8	1.8	6.8
12	18.5	28.3	21.9	77.0	20.059	17.5	0.5	0.0	0.5	6.5
13	17.4	30.3	23.2	75.3	20.868	18.2	0.0	3.1	3.1	6.3
14	19.4	29.1	22.1	77.8	20.681	18.0	0.0	0.0	0.0	6.3
15	15.9	29.7	23.4	73.3	20.441	17.8	0.0	0.0	0.0	7.5
16	16.1	29.3	21.4	80.2	20.327	17.7	0.0	0.0	0.0	4.4
17	18.1	28.5	22.7	77.5	21.066	18.3	0.0	0.0	0.0	3.4
18	16.5	29.8	21.0	81.1	19.996	17.5	24.7	0.0	24.7	7.0
19	16.0	27.8	21.0	81.9	20.226	17.7	0.0	0.1	0.1	4.2
20	15.7	27.6	21.1	83.5	20.577	17.9	0.1	0.0	0.1	2.1
21	17.4	26.5	21.9	80.0	20.903	18.2	0.0	2.1	2.1	1.4
22	17.8	29.3	23.5	73.6	20.846	18.2	0.2	0.0	0.2	7.7
23	16.7	30.5	23.5	74.2	21.249	18.5	0.0	0.0	0.0	7.1
24	17.5	27.1	21.9	79.7	20.711	18.1	0.0	0.0	0.0	1.4
25	17.4	28.8	23.0	76.6	20.819	18.1	0.0	0.0	0.0	4.9
26	17.5	30.5	23.6	71.2	19.880	17.4	0.0	0.0	0.0	8.8
27	17.5	27.7	21.5	79.8	20.321	17.7	0.0	0.0	0.0	3.3
28	17.6	30.7	23.6	71.4	20.819	18.1	0.0	0.0	0.0	9.3
29	16.5	30.3	22.9	75.7	20.243	17.7	0.0	0.0	0.0	7.7
30	16.6	31.2	23.3	68.9	19.614	17.1	0.0	0.0	0.0	4.9
PROM	17.4	29.0	22.5	77.5	20.816	18.1	27.6	17.6	45.2	156.1

ESTACION: PARAGUAYCITO MUNICIPIO: BUENAVISTA AÑO: 1.982

ALTITUD: 1.250 LATITUD: 4-23 N. LONGITUD: 75-44 W.

MES - JULIO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	29.3	22.5	68.3	18.494	16.1	0.0	0.0	0.0	2.9
2	16.3	28.4	21.8	78.2	20.203	17.6	0.0	0.0	0.0	2.6
3	15.0	29.8	22.6	72.5	19.101	16.8	0.0	0.0	0.0	6.8
4	18.0	27.5	22.4	75.4	19.873	17.4	0.0	0.0	0.0	2.4
5	18.6	29.4	22.8	77.7	21.190	18.4	0.0	0.0	0.0	5.8
6	16.7	27.0	21.3	79.3	19.863	17.4	0.0	0.0	0.0	2.9
7	18.3	29.5	23.5	70.6	19.844	17.3	0.0	0.0	0.0	3.9
8	16.5	28.2	21.3	80.5	20.398	17.8	0.4	0.0	0.4	3.5
9	15.6	28.8	22.8	72.7	19.264	16.9	0.0	0.0	0.0	4.8
10	15.9	30.7	22.5	68.9	17.938	15.8	0.0	0.0	0.0	6.1
11	15.8	28.7	21.8	79.2	20.347	17.8	0.0	0.3	0.3	3.6
12	18.8	27.6	21.6	84.8	21.929	18.9	4.3	1.0	5.3	0.8
13	18.8	29.5	22.9	76.4	20.766	18.1	0.0	0.0	0.0	6.2
14	16.2	31.4	24.4	69.4	20.229	17.6	0.0	0.0	0.0	9.8
15	15.6	30.3	23.1	71.5	19.433	17.0	0.0	0.0	0.0	7.9
16	15.9	30.7	22.6	73.6	19.382	17.0	0.0	0.0	0.0	5.0
17	15.4	30.6	23.2	71.6	19.220	16.9	0.0	0.0	0.0	8.7
18	16.3	28.0	22.5	78.8	20.950	18.2	0.0	1.8	1.8	0.6
19	17.2	27.8	22.6	77.8	20.643	18.0	0.0	0.0	0.0	2.1
20	17.0	27.2	21.2	74.9	18.795	16.5	0.0	0.0	0.0	2.0
21	15.6	31.9	22.9	67.3	17.864	15.7	0.0	0.0	0.0	9.4
22	15.5	29.5	22.1	67.1	17.365	15.3	0.0	0.0	0.0	7.0
23	15.7	30.8	22.7	60.8	16.043	13.8	0.0	0.0	0.0	5.7
24	14.4	32.3	23.2	63.5	16.898	14.8	0.0	0.0	0.0	7.9
25	14.7	29.4	23.2	71.0	18.678	16.4	0.0	0.0	0.0	4.3
26	17.0	27.6	21.6	79.2	20.245	17.7	0.0	0.0	0.0	2.0
27	17.9	26.6	20.7	82.6	20.333	17.7	3.0	1.9	4.9	1.0
28	17.5	27.4	21.5	79.4	20.068	17.6	0.6	0.4	1.0	3.8
29	17.9	29.2	22.5	75.0	19.814	17.3	0.0	0.0	0.0	4.8
30	17.6	28.5	23.1	70.3	19.271	16.8	0.0	0.0	0.0	4.8
31	15.4	29.4	22.1	67.8	17.150	15.1	0.0	0.0	0.0	5.3
PROM.	16.6	29.1	22.4	73.7	19.406	17.0	8.3	5.4	13.7	144.4

MES - AGOSTO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	31.2	21.3	75.0	18.114	15.9	0.2	0.0	0.2	7.1
2	17.6	31.0	22.5	69.8	18.496	16.2	0.0	0.0	0.0	5.9
3	17.0	30.0	22.7	69.5	18.718	16.5	0.0	0.0	0.0	5.6
4	16.6	32.6	24.9	56.0	16.107	13.6	0.0	0.0	0.0	7.7
5	13.6	31.5	22.3	67.5	17.246	15.2	0.0	0.0	0.0	7.2
6	16.0	28.4	21.9	74.0	18.826	16.6	0.0	0.0	0.0	3.3
7	18.0	28.1	21.6	77.0	19.731	17.3	0.0	0.0	0.0	1.2
8	17.7	28.5	21.3	74.6	18.863	16.6	0.0	0.0	0.0	3.5
9	14.0	32.0	23.3	63.3	17.127	15.0	0.0	0.0	0.0	9.5
10	16.2	32.8	24.4	69.3	20.306	17.7	0.0	0.0	0.0	8.2
11	16.3	33.0	24.1	54.9	14.895	12.4	0.0	0.0	0.0	6.8
12	17.7	32.0	24.9	56.7	16.582	14.2	0.0	0.0	0.0	5.6
13	15.4	32.5	24.9	53.8	14.610	12.5	0.0	0.0	0.0	5.3
14	17.0	33.3	23.9	66.3	18.510	16.3	0.0	0.0	0.0	8.3
15	17.0	33.0	24.9	63.1	18.386	16.1	0.0	0.0	0.0	7.8
16	18.0	30.3	24.1	66.8	19.598	17.1	0.0	0.0	0.0	2.9
17	14.0	31.4	24.4	60.9	17.215	15.1	0.0	0.0	0.0	7.8
18	17.0	30.0	23.0	59.5	16.283	14.1	0.0	0.0	0.0	3.2
19	15.7	31.0	24.0	56.1	15.558	13.3	0.0	0.0	0.0	6.1
20	15.6	28.2	22.6	61.1	16.380	14.2	0.0	0.0	0.0	0.7
21	15.4	31.0	22.7	65.2	17.349	15.2	0.0	0.0	0.0	4.8
22	14.5	32.3	24.3	53.4	14.436	11.8	0.0	0.0	0.0	9.2
23	15.2	32.8	24.9	57.4	16.893	14.7	0.0	0.0	0.0	4.9
24	17.8	33.6	23.8	60.8	17.605	15.2	0.0	0.0	0.0	4.6
25	17.2	31.9	23.4	65.8	18.280	16.1	0.0	0.0	0.0	3.8
26	14.9	30.6	24.2	63.6	17.809	15.7	0.0	0.0	0.0	7.1
27	17.6	32.8	24.3	63.6	18.248	16.0	0.0	0.0	0.0	3.4
28	17.6	32.2	25.1	58.9	17.544	15.3	0.0	0.0	0.0	1.8
29	16.4	34.5	24.7	59.9	16.794	14.7	0.0	0.0	0.0	8.6
30	16.1	29.0	22.7	71.8	19.536	17.1	0.0	0.0	0.0	1.3
31	16.5	31.1	22.2	71.8	18.905	16.6	0.0	0.0	0.0	1.8
PROM	16.3	31.4	23.5	64.1	17.578	15.3	0.2	0.0	0.2	165.0

ESTACION: PARAGUAYCITO MUNICIPIO: BUENAVISTA AÑO: 1.982

ALTITUD: 1.250 LATITUD: 4-23 N. LONGITUD: 75-44 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.9	32.5	24.6	58.6	16.917	14.6	0.0	0.0	0.0	7.0
2	19.3	32.2	25.5	56.9	17.691	15.3	0.0	0.0	0.0	9.1
3	16.6	33.2	24.5	63.4	18.722	16.4	0.0	0.0	0.0	5.3
4	18.6	31.7	23.4	69.9	19.381	17.0	0.0	0.0	0.0	4.5
5	17.1	32.0	25.0	60.7	17.000	14.7	0.0	0.0	0.0	5.1
6	15.7	34.3	25.1	55.6	16.673	14.6	0.0	0.0	0.0	8.6
7	14.5	32.8	24.7	61.9	18.068	15.9	0.0	0.0	0.0	7.9
8	17.3	31.7	24.8	63.0	18.944	16.6	0.0	0.0	0.0	5.2
9	16.7	30.0	21.2	78.5	19.678	17.2	0.9	0.0	0.9	3.3
10	18.0	27.0	22.0	78.3	20.731	18.0	0.1	0.0	0.1	1.5
11	18.5	29.0	21.6	76.2	19.697	17.2	0.2	0.0	0.2	3.0
12	16.3	32.6	24.2	67.0	18.931	16.6	0.0	0.0	0.0	8.6
13	19.5	32.6	23.0	75.1	21.171	18.3	4.6	0.0	4.6	5.4
14	17.4	27.8	22.3	75.6	19.940	17.4	0.0	0.2	0.2	0.6
15	18.8	24.8	21.4	80.6	20.528	17.9	5.0	12.1	17.1	0.5
16	17.9	27.7	20.1	82.8	19.798	17.3	68.8	7.5	76.3	1.2
17	15.9	26.4	19.8	86.8	20.110	17.6	4.2	4.4	8.6	1.7
18	17.0	30.4	20.2	81.4	19.242	16.9	18.7	3.3	22.0	7.8
19	17.0	23.4	19.6	84.3	19.315	16.9	4.0	0.0	4.0	0.2
20	15.5	29.0	21.1	80.8	19.984	17.5	8.2	0.0	8.2	5.6
21	17.6	29.7	22.9	72.2	19.409	17.0	0.0	0.0	0.0	6.9
22	15.3	28.2	22.0	72.2	18.427	16.1	0.0	0.0	0.0	5.1
23	16.0	29.0	22.2	75.4	19.687	17.2	2.2	1.7	3.9	5.3
24	18.0	24.3	20.0	90.8	21.643	18.8	10.7	4.5	15.2	1.2
25	16.4	26.1	19.7	81.2	18.506	16.3	4.6	0.6	5.2	3.7
26	17.0	29.0	21.8	70.2	17.872	15.7	0.0	0.0	0.0	4.3
27	15.6	30.0	22.0	74.2	19.247	16.8	0.0	26.4	26.4	5.1
28	16.6	27.0	21.2	78.9	19.654	17.3	0.0	2.3	2.3	1.6
29	17.5	29.2	21.8	78.8	20.019	17.5	5.5	0.3	5.8	4.8
30	17.8	27.9	22.2	79.7	21.055	18.3	0.0	0.0	0.0	3.4
PROM.	17.1	29.4	22.3	73.7	19.268	16.8	137.7	63.3	201.0	133.5

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.9	25.7	20.6	84.7	21.044	18.3	1.7	0.0	1.7	2.1
2	15.8	28.5	21.3	79.6	19.982	17.5	0.2	51.1	51.3	6.0
3	17.0	24.7	19.6	85.4	19.430	17.0	7.1	0.0	7.1	0.7
4	15.3	26.2	20.4	79.7	18.743	16.5	0.0	16.1	16.1	4.1
5	16.6	27.5	21.4	78.8	19.704	17.3	8.8	0.0	8.8	6.5
6	16.3	29.0	22.3	77.3	20.290	17.7	0.0	0.0	0.0	4.9
7	17.0	27.5	20.4	79.2	19.485	17.0	5.7	6.4	12.1	4.0
8	16.0	25.7	20.5	84.1	20.318	17.8	0.0	0.0	0.0	3.0
9	16.0	28.7	21.2	76.8	18.714	16.4	0.1	0.0	0.1	6.1
10	17.9	28.5	21.0	81.7	20.446	17.9	2.9	0.0	2.9	5.2
11	16.2	30.0	23.6	76.4	21.813	18.9	0.0	35.8	35.8	8.6
12	17.2	24.4	18.9	93.0	20.474	17.9	2.9	0.0	2.9	0.0
13	14.3	29.5	21.7	69.7	16.953	14.7	0.0	0.0	0.0	7.3
14	16.9	27.3	21.1	80.9	20.284	17.7	0.0	24.5	24.5	1.2
15	16.9	26.7	20.1	79.7	18.703	16.4	0.4	0.3	0.7	3.0
16	16.6	28.2	22.0	79.0	20.332	17.8	0.0	0.0	0.0	5.4
17	18.7	27.0	21.0	80.5	20.105	17.6	0.1	0.0	0.1	3.6
18	16.1	28.3	21.6	79.7	20.180	17.6	0.0	0.1	0.1	4.0
19	17.5	28.5	20.6	81.7	20.223	17.7	0.0	31.9	31.9	2.6
20	16.2	24.1	19.8	82.6	18.816	16.5	0.0	0.0	0.0	0.9
21	16.8	28.7	21.1	77.2	18.904	16.6	0.0	10.5	10.5	3.8
22	17.2	28.0	20.5	82.0	19.846	17.3	22.7	0.0	22.7	4.2
23	16.0	28.3	21.1	77.9	19.088	16.7	0.6	25.9	26.5	6.5
24	17.4	28.0	21.0	82.0	20.014	17.5	8.3	22.9	31.2	3.2
25	16.7	27.8	21.7	79.7	20.360	17.8	0.0	0.8	0.8	2.1
26	17.5	26.0	20.2	81.5	19.732	17.3	23.1	0.0	23.1	2.1
27	17.2	25.3	20.0	85.0	20.126	17.6	1.6	0.0	1.6	1.0
28	14.5	27.2	21.1	79.9	19.344	17.0	0.0	0.0	0.0	5.1
29	15.0	28.1	21.2	76.4	19.019	16.7	0.0	0.0	0.0	5.3
30	15.5	28.8	21.4	76.4	18.860	16.6	0.0	0.0	0.0	7.3
31	16.4	29.8	20.6	79.8	19.185	16.8	2.7	0.0	2.7	6.2
PROM	16.5	27.5	20.9	80.3	19.694	17.2	88.9	226.3	315.2	126.0

ESTACION: PARAGUAYCITO MUNICIPIO: BUENAVISTA AÑO: 1.982

ALTITUD: 1.250 LATITUD: 4-23 N. LONGITUD: 75-44 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.2	27.5	20.3	80.3	19.075	16.8	0.0	21.4	21.4	1.8
2	17.5	26.3	20.0	86.1	20.320	17.7	1.4	22.1	23.5	2.5
3	16.4	28.3	20.9	80.3	19.629	17.2	0.0	4.8	4.8	5.5
4	17.2	26.4	20.4	80.4	19.311	16.9	2.9	0.0	2.9	1.8
5	15.2	28.7	21.4	76.1	18.969	16.7	0.0	0.3	0.3	8.3
6	17.3	28.2	21.9	79.0	20.349	17.8	2.6	0.0	2.6	3.6
7	17.7	28.2	22.7	75.3	20.718	18.1	0.0	0.0	0.0	4.8
8	19.1	29.5	23.2	74.5	21.159	18.4	0.0	0.0	0.0	7.0
9	17.7	30.7	23.8	70.3	20.798	18.1	0.0	0.0	0.0	7.7
10	18.4	26.0	20.4	84.6	20.944	18.2	5.4	0.0	5.4	2.9
11	16.6	26.7	20.9	81.0	19.777	17.3	0.0	28.6	28.6	1.1
12	16.7	26.5	20.5	84.2	20.400	17.8	0.0	0.0	0.0	2.4
13	15.2	29.6	22.0	74.1	18.779	16.5	0.0	0.0	0.0	7.9
14	16.1	30.2	23.0	78.5	21.508	18.6	0.0	0.0	0.0	8.1
15	18.0	29.0	22.4	80.0	21.570	18.7	3.7	13.6	17.3	6.2
16	18.0	26.8	21.5	86.2	22.192	19.2	0.0	0.0	0.0	0.4
17	17.0	26.8	21.5	82.0	20.985	18.3	0.0	0.0	0.0	1.0
18	16.8	25.9	20.3	85.6	20.792	18.1	5.7	0.4	6.1	0.8
19	17.0	26.6	21.4	80.9	20.684	18.0	0.0	1.6	1.6	4.5
20	17.8	24.7	20.4	87.5	20.778	18.1	0.0	8.7	8.7	0.0
21	16.3	27.6	21.0	83.0	20.506	17.9	0.0	18.5	18.5	3.3
22	17.2	26.5	20.7	82.3	20.197	17.7	0.0	1.0	1.0	4.0
23	17.8	28.8	21.8	78.8	20.410	17.8	0.0	0.0	0.0	4.6
24	16.6	27.8	21.9	79.5	20.435	17.8	0.0	0.0	0.0	3.9
25	17.6	26.5	20.9	81.8	20.521	17.9	4.7	0.0	4.7	1.6
26	15.4	28.5	20.2	80.6	18.895	16.6	4.3	1.9	6.2	6.0
27	14.0	28.3	20.5	76.2	17.639	15.5	0.0	42.6	42.6	9.5
28	17.0	28.0	20.8	80.0	19.552	17.1	0.0	0.0	0.0	5.5
29	14.9	29.0	21.5	73.7	18.698	16.4	0.0	0.0	0.0	10.0
30	16.0	29.6	23.0	73.3	19.796	17.3	0.0	0.0	0.0	8.3
PROM.	16.8	27.8	21.4	79.9	20.180	17.6	30.7	165.5	196.2	135.0

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	28.7	21.6	81.5	20.909	18.2	5.8	0.0	5.8	4.3
2	17.0	27.6	20.4	83.8	20.525	17.9	13.4	0.0	13.4	3.2
3	15.6	30.3	22.3	76.0	20.073	17.6	0.0	0.6	0.6	7.6
4	18.0	24.2	21.2	86.3	21.619	18.7	0.0	0.0	0.0	0.0
5	17.9	26.0	20.9	82.0	20.173	17.6	6.5	0.4	6.9	2.7
6	17.5	28.0	21.2	83.8	21.242	18.5	0.0	0.0	0.0	4.1
7	17.6	27.3	21.1	82.7	21.108	18.4	16.2	21.0	37.2	1.9
8	18.0	25.7	20.3	85.0	20.446	17.8	0.8	0.0	0.8	0.0
9	17.6	22.0	19.4	91.2	20.805	18.1	0.3	0.0	0.3	0.0
10	15.9	28.5	21.8	73.0	19.910	17.4	0.0	0.0	0.0	5.9
11	17.0	26.0	21.0	85.4	21.361	18.5	0.0	0.0	0.0	3.0
12	17.0	28.0	20.5	84.2	20.446	17.9	19.4	0.0	19.4	2.4
13	17.6	27.5	21.7	82.8	21.439	18.6	0.1	0.0	0.1	1.5
14	17.1	29.0	21.8	79.4	20.511	17.9	0.0	0.0	0.0	6.1
15	15.7	29.4	22.3	76.4	19.986	17.5	0.0	0.0	0.0	7.7
16	17.4	29.3	22.7	77.2	21.299	18.5	0.0	21.4	21.4	2.3
17	18.2	27.2	21.6	84.4	21.596	18.7	0.1	0.0	0.1	2.2
18	17.7	26.7	21.9	79.5	20.538	17.9	6.1	4.1	10.2	1.0
19	17.9	28.3	22.0	80.3	20.922	18.2	0.0	7.7	7.7	4.4
20	18.0	29.0	22.7	78.2	21.484	18.6	0.0	4.3	4.3	4.4
21	18.0	28.6	22.9	76.9	21.116	18.3	0.0	20.8	20.8	4.5
22	17.2	28.0	22.3	79.5	20.835	18.2	0.0	5.6	5.6	5.0
23	18.4	29.1	22.7	78.1	21.178	18.4	0.0	0.0	0.0	5.4
24	17.5	28.0	20.5	82.2	20.338	17.7	20.7	0.0	20.7	3.3
25	14.8	29.9	22.6	71.4	18.444	16.3	0.0	0.0	0.0	8.1
26	16.0	29.8	22.8	74.1	19.631	17.2	0.0	2.0	2.0	6.4
27	18.0	24.8	21.2	87.4	21.886	18.8	0.0	0.0	0.0	0.1
28	17.2	27.1	21.1	79.4	19.584	17.2	0.0	0.0	0.0	2.4
29	16.3	25.4	21.1	79.3	19.530	17.1	0.0	0.0	0.0	1.6
30	16.3	29.9	22.6	72.4	19.239	16.9	0.0	0.0	0.0	7.3
31	15.9	30.4	22.7	74.1	19.582	17.1	0.0	0.0	0.0	9.3
PROM	17.2	27.7	21.6	80.4	20.573	17.9	89.4	87.9	177.3	118.1

ESTACION: PARAGUAYCITO MUNICIPIO BUENAVISTA AÑO: 1.982

ALTITUD: 1.250 LATITUD: 4-23 N. LONGITUD: 75-44 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.8	28.2	21.5	15.0	30.6	79.7	20.065	17.5	242.5	20	172.1
FEBRERO	17.5	28.4	22.1	15.0	30.3	77.6	20.204	17.6	166.5	17	122.3
MARZO	17.7	28.6	22.1	14.7	31.4	77.8	20.455	17.8	86.4	22	115.7
ABRIL	17.4	28.0	21.9	14.8	31.3	79.4	20.569	17.9	372.9	20	112.2
MAYO	17.7	27.7	21.5	16.2	30.0	82.2	21.023	18.3	187.4	23	101.4
JUNIO	17.4	29.0	22.5	15.7	31.2	77.5	20.816	18.1	45.2	10	156.1
JULIO	16.6	29.1	22.4	14.4	32.3	73.7	19.406	17.0	13.7	6	144.4
AGOSTO	16.3	31.4	23.5	13.6	34.5	64.1	17.578	15.3	0.2	1	165.0
SEPTIEMBRE	17.1	29.4	22.3	14.5	34.3	73.7	19.268	16.8	201.0	17	133.5
OCTUBRE	16.5	27.5	20.9	14.3	30.0	80.3	19.694	17.2	315.2	23	126.0
NOVIEMBRE	16.8	27.8	21.4	14.0	30.7	79.9	20.180	17.6	196.2	17	135.0
DICIEMBRE	17.2	27.7	21.6	14.8	30.4	80.4	20.573	17.9	177.3	18	118.1
PROMEDIO	17.1	28.6	22.0	14.8	31.4	77.2	19.986	17.4			
TOTAL									2004.5	194	1601.8

ESTACION: INGENIO SAN FRANCISCO MUNICIPIO: LA VIRGINIA AÑO: 1.982

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

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.4	30.0	21.5	79.5	20.602	18.0	0.0	10.8	10.8	1.8
2	18.0	30.0	22.2	81.5	21.515	18.6	4.7	24.8	29.5	3.5
3	17.5	27.3	22.4	78.2	20.888	18.2	0.0	8.2	8.2	1.5
4	17.4	27.8	21.4	83.5	21.342	18.5	9.4	13.8	23.2	1.0
5	18.6	27.0	22.4	81.6	21.937	19.0	0.0	2.7	2.7	2.7
6	18.0	31.5	23.0	76.3	20.938	18.2	0.0	1.7	1.7	7.1
7	18.0	30.0	23.4	78.3	21.943	19.0	0.0	11.1	11.1	4.6
8	18.6	29.6	23.6	74.3	20.774	17.9	0.0	3.0	3.0	6.0
9	18.4	29.5	23.3	80.6	22.846	19.6	0.3	0.0	0.3	3.8
10	17.4	29.6	23.0	78.0	21.640	18.7	0.0	0.0	0.0	4.5
11	18.0	32.6	24.6	74.9	22.763	19.6	0.0	0.0	0.0	8.9
12	18.0	32.1	24.7	68.9	20.839	18.1	0.0	0.0	0.0	9.0
13	19.0	32.2	24.6	76.5	22.924	19.7	0.0	0.0	0.0	3.6
14	17.0	32.0	24.4	74.6	22.199	19.2	0.0	8.9	8.9	6.8
15	18.0	31.5	25.0	75.1	23.004	19.7	0.1	0.4	0.5	8.6
16	18.4	31.8	24.8	73.9	22.693	19.5	0.0	0.0	0.0	9.0
17	17.5	33.3	25.1	70.4	21.725	18.8	0.0	0.0	0.0	8.7
18	15.5	32.9	23.8	70.5	20.375	17.8	0.0	0.0	0.0	9.2
19	17.5	32.2	25.1	70.6	21.657	18.7	0.0	0.0	0.0	8.7
20	16.0	32.2	25.0	70.6	21.272	18.4	0.0	0.0	0.0	8.8
21	17.1	33.1	24.5	68.1	20.228	17.7	0.0	0.0	0.0	8.6
22	17.0	33.5	25.0	70.5	21.141	18.3	0.0	0.0	0.0	9.2
23	18.0	32.5	24.8	70.2	21.275	18.5	0.0	0.0	0.0	7.4
24	17.0	32.6	24.4	70.4	20.685	18.0	0.0	2.2	2.2	6.1
25	17.2	29.6	23.4	70.4	19.622	17.1	0.0	0.0	0.0	5.0
26	17.6	31.5	23.2	71.6	20.016	17.5	0.0	13.8	13.8	6.3
27	17.5	27.9	20.5	93.7	22.272	19.2	11.3	0.0	11.3	2.5
28	17.3	30.8	22.0	82.4	21.713	18.8	0.5	11.4	11.9	4.4
29	17.8	30.7	22.8	80.8	22.477	19.3	8.0	2.4	10.4	7.6
30	18.5	29.4	23.9	78.9	22.760	19.5	0.0	0.0	0.0	4.7
31	19.0	32.2	23.7	74.0	21.534	18.7	0.0	0.0	0.0	5.0
PROM.	17.7	30.9	23.6	75.8	21.535	18.6	34.3	115.2	149.5	184.6

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	17.5	32.2	23.5	74.4	20.916	18.2	0.0	3.8	3.8	4.1
2	18.9	30.0	22.2	83.6	22.461	19.3	0.3	0.0	0.3	0.3
3	18.0	32.0	24.0	69.3	20.057	17.5	0.0	0.0	0.0	7.2
4	18.6	33.5	24.9	74.4	22.569	19.4	0.0	1.6	1.6	9.2
5	19.1	27.5	22.7	78.0	20.971	18.0	1.9	21.6	23.5	2.9
6	19.0	29.0	23.3	76.8	21.739	18.8	0.0	0.0	0.0	0.7
7	18.6	32.0	23.5	76.6	21.952	19.0	0.0	0.0	0.0	4.1
8	17.0	31.3	23.7	75.4	21.495	18.6	0.0	0.0	0.0	1.8
9	17.6	32.3	24.6	71.4	21.365	18.5	0.0	1.6	1.6	4.7
10	19.5	29.0	23.9	75.4	22.103	19.1	0.0	0.0	0.0	1.6
11	19.3	33.5	24.6	72.1	21.662	18.7	0.0	0.0	0.0	7.2
12	18.6	30.1	22.4	76.7	19.952	17.1	20.5	1.2	21.7	2.1
13	17.8	32.3	24.3	72.6	21.354	18.5	0.0	0.0	0.0	4.3
14	19.0	33.0	24.1	77.3	22.685	19.5	0.0	6.0	6.0	4.5
15	19.2	29.5	23.0	83.9	23.216	19.9	2.3	1.9	4.2	0.3
16	19.5	33.0	23.4	77.3	22.156	19.1	0.0	0.0	0.0	6.3
17	18.0	30.6	23.5	78.1	22.108	19.1	0.0	0.0	0.0	5.5
18	17.3	33.0	23.5	72.6	20.758	18.1	0.0	0.0	0.0	8.7
19	19.2	29.4	22.3	80.6	21.475	18.6	7.2	3.9	11.1	0.2
20	18.2	26.0	21.4	86.3	21.986	19.0	0.0	0.0	0.0	0.6
21	18.0	31.8	24.7	72.3	21.431	18.6	0.0	0.0	0.0	8.9
22	18.6	30.4	23.8	68.6	19.335	16.8	0.0	0.0	0.0	3.1
23	18.6	34.0	24.5	75.4	22.410	19.3	0.0	0.0	0.0	3.7
24	16.6	32.0	24.3	71.7	20.608	18.0	0.0	0.0	0.0	0.1
25	17.5	33.0	25.1	70.9	21.765	18.8	0.0	1.5	1.5	6.4
26	18.0	31.3	24.0	74.6	21.737	18.8	0.0	0.0	0.0	2.1
27	18.0	30.5	24.1	76.6	22.489	19.4	0.0	0.0	0.0	4.1
28	19.5	32.1	24.3	76.0	22.683	19.5	0.3	18.2	18.5	4.7
PROM	18.4	31.2	23.7	75.7	21.623	18.7	32.5	61.3	93.8	109.4

ESTACION: INGENIO SAN FRANCISCO MUNICIPIO: LA VIRGINIA AÑO: 1.982

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

M E S - MARZO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.4	26.0	22.5	87.8	23.834	20.3	0.0	0.4	0.4	1.4
2	20.0	30.2	23.6	79.7	23.143	19.9	0.0	1.4	1.4	5.6
3	19.4	31.8	25.8	68.8	21.624	18.7	0.0	0.4	0.4	9.1
4	20.0	28.4	22.7	83.2	22.659	19.4	0.0	0.0	0.0	0.7
5	19.0	31.5	24.4	75.9	22.628	19.4	0.0	0.0	0.0	6.4
6	19.5	33.4	24.4	72.0	21.633	18.8	0.0	0.0	0.0	5.7
7	19.0	32.4	25.6	71.3	22.481	19.3	0.0	0.0	0.0	9.0
8	17.5	34.3	22.9	73.9	19.702	17.2	8.8	0.2	9.0	8.6
9	17.4	30.5	23.7	71.3	20.362	17.8	0.0	0.0	0.0	7.7
10	15.6	32.4	23.6	71.4	20.186	17.6	0.0	0.0	0.0	8.7
11	18.7	32.0	23.5	77.4	22.195	19.1	0.1	0.2	0.3	4.4
12	19.0	31.0	23.8	73.7	21.404	18.6	0.0	0.0	0.0	7.0
13	18.2	31.8	22.8	75.9	21.200	18.4	0.3	2.0	2.3	7.1
14	18.5	28.6	23.6	76.8	22.164	19.1	0.0	0.0	0.0	0.2
15	18.5	32.5	24.7	74.0	22.434	19.3	0.0	0.0	0.0	5.0
16	19.8	32.4	25.2	72.6	22.468	19.4	0.0	0.0	0.0	5.9
17	18.0	32.0	24.4	73.1	21.723	18.8	0.0	0.0	0.0	7.0
18	18.3	30.2	23.1	76.6	21.456	18.6	1.1	0.0	1.1	2.8
19	17.0	32.3	24.4	71.2	20.839	18.1	0.0	0.0	0.0	5.1
20	17.5	32.6	25.3	71.1	22.001	19.0	0.0	0.0	0.0	7.3
21	17.0	32.5	25.1	67.6	20.428	17.8	0.0	0.0	0.0	8.0
22	17.0	33.0	26.0	66.7	21.616	18.7	0.0	0.0	0.0	8.6
23	19.0	31.7	22.7	76.2	21.225	18.4	3.9	0.0	3.9	4.9
24	18.0	31.6	23.7	75.5	21.667	18.8	0.0	0.0	0.0	4.9
25	17.5	32.7	24.9	71.3	21.521	18.7	3.6	0.0	3.6	5.9
26	18.5	28.0	22.2	86.9	23.201	19.8	3.0	0.0	3.0	0.4
27	17.2	32.6	24.4	68.3	20.280	17.7	0.0	19.6	19.6	7.8
28	19.0	32.0	22.7	80.4	22.427	19.3	23.6	1.3	24.9	5.4
29	19.0	32.0	24.6	78.2	23.705	20.2	0.0	0.0	0.0	6.3
30	19.0	32.3	24.1	77.7	23.132	19.8	0.3	0.0	0.3	5.3
31	18.0	31.0	25.0	68.0	20.381	17.8	0.0	0.0	0.0	5.9
PROM.	18.4	31.5	24.0	74.7	21.797	18.8	44.7	25.5	70.2	178.1

M E S - ABRIL

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.0	31.4	23.8	77.2	22.866	19.6	0.0	0.0	0.0	3.2
2	20.0	31.1	23.8	76.0	22.484	19.4	0.0	0.0	0.0	2.3
3	20.0	29.2	23.2	77.6	22.073	19.0	0.0	11.4	11.4	0.2
4	19.5	29.5	21.6	88.8	23.209	19.9	7.0	2.0	9.0	1.7
5	18.6	31.4	23.7	78.8	22.496	19.3	0.0	38.5	38.5	4.9
6	18.6	30.0	22.3	83.3	22.481	19.4	8.0	0.2	8.2	2.9
7	18.0	32.1	24.7	74.5	22.204	19.1	0.0	37.8	37.8	6.8
8	18.0	29.8	22.6	84.2	22.542	19.4	2.6	0.0	2.6	1.7
9	18.5	30.2	22.4	82.4	22.500	19.4	0.6	3.0	3.6	4.1
10	18.5	30.9	23.3	76.5	21.709	18.8	0.0	3.9	3.9	4.1
11	17.8	30.2	23.5	73.8	21.260	18.5	0.0	4.0	4.0	6.9
12	18.6	29.6	22.8	74.0	20.141	17.5	0.3	0.0	0.3	2.3
13	16.5	30.2	22.4	77.6	20.459	17.8	0.0	0.6	0.6	6.7
14	17.0	31.1	23.2	73.2	20.351	17.8	0.0	0.0	0.0	5.9
15	17.0	32.8	25.2	68.9	21.195	18.4	0.0	0.0	0.0	9.5
16	19.0	32.8	24.4	69.7	20.991	18.2	0.0	3.4	3.4	7.2
17	18.6	29.7	23.6	77.0	21.914	18.9	0.0	0.0	0.0	3.4
18	19.0	30.0	24.0	79.6	23.577	20.1	6.5	1.9	8.4	4.0
19	19.3	32.0	24.1	70.7	20.819	18.1	0.0	9.8	9.8	7.4
20	19.3	32.4	25.0	77.7	24.397	20.6	1.8	2.3	4.1	6.6
21	19.5	28.0	23.1	84.2	23.752	20.3	0.0	0.0	0.0	1.8
22	17.0	32.0	23.1	79.1	21.761	18.8	1.8	12.5	14.3	7.6
23	17.6	30.0	23.5	78.7	22.484	19.4	0.0	1.4	1.4	3.0
24	18.0	31.8	24.8	80.9	24.898	21.0	0.0	0.0	0.0	5.7
25	18.0	32.3	24.7	76.5	23.437	20.0	0.0	0.0	0.0	8.9
26	19.3	30.7	24.0	77.0	22.811	19.6	0.0	0.0	0.0	3.3
27	17.0	32.0	25.0	75.1	22.727	19.5	0.0	21.0	21.0	6.4
28	19.0	26.9	21.8	85.9	22.766	19.5	12.6	0.8	13.4	0.0
29	18.2	29.2	22.8	79.0	21.708	18.8	1.0	1.3	2.3	2.8
30	17.0	30.0	22.7	77.4	21.061	18.3	0.0	9.8	9.8	6.1
PROM	18.4	30.6	23.5	77.8	22.236	19.1	42.2	165.6	207.8	137.4

ESTACION: INGENIO SAN FRANCISCO MUNICIPIO: LA VIRGINIA AÑO: 1.982

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	30.7	23.6	75.4	21.566	18.7	0.0	1.2	1.2	6.4
2	19.0	28.8	22.5	80.1	21.840	18.9	1.6	0.5	2.1	3.4
3	19.0	32.8	24.9	73.3	22.597	19.4	0.0	57.6	57.6	6.1
4	19.0	32.0	23.1	79.0	22.554	19.4	0.0	1.5	1.5	7.5
5	18.0	30.9	24.2	72.7	21.160	18.4	0.0	0.0	0.0	5.0
6	18.0	31.6	25.2	76.5	23.810	20.3	0.0	24.0	24.0	5.9
7	19.0	30.3	24.6	74.5	22.505	19.4	0.0	7.7	7.7	7.4
8	20.5	28.3	23.9	80.5	23.770	20.3	0.0	1.7	1.7	1.4
9	19.3	30.6	24.1	77.3	22.875	19.6	0.3	5.6	5.9	3.7
10	18.6	28.4	22.4	80.5	21.589	18.7	0.0	0.0	0.0	2.6
11	17.0	30.5	24.3	69.0	19.953	17.2	0.0	10.7	10.7	7.3
12	18.0	30.5	24.3	76.8	22.970	19.7	0.0	0.0	0.0	8.9
13	19.3	31.0	23.8	75.1	22.353	19.3	0.0	0.0	0.0	5.0
14	18.0	32.4	23.3	75.8	21.624	18.8	0.0	0.0	0.0	7.1
15	18.0	30.6	22.9	78.9	21.953	19.0	0.0	0.0	0.0	2.8
16	18.2	29.4	23.0	79.3	21.936	18.9	0.0	0.3	0.3	7.5
17	19.0	31.2	23.8	75.2	22.364	19.2	0.0	2.4	2.4	5.3
18	19.0	30.6	22.9	75.3	21.252	18.4	0.0	23.0	23.0	3.5
19	19.0	31.2	23.6	78.8	22.820	19.6	1.8	14.2	16.0	3.7
20	19.0	30.3	23.2	80.6	22.433	19.3	0.0	0.0	0.0	2.7
21	19.0	29.3	22.7	79.1	21.710	18.8	0.3	16.5	16.8	4.0
22	19.0	31.3	22.1	80.1	21.494	18.7	5.7	17.2	22.9	2.7
23	18.5	29.2	23.4	75.8	21.507	18.6	0.0	0.0	0.0	5.4
24	18.6	32.0	23.2	80.6	23.096	19.8	5.6	13.4	19.0	7.1
25	18.6	29.0	21.9	85.6	22.919	19.7	0.8	3.1	3.9	4.3
26	19.0	29.3	23.1	75.6	21.006	18.2	0.0	20.0	20.0	7.0
27	19.0	31.0	24.1	79.1	23.446	20.0	0.0	2.4	2.4	6.2
28	19.0	27.4	22.5	83.7	22.830	19.6	0.0	1.0	1.0	2.2
29	18.5	30.1	22.7	83.9	23.659	20.2	0.8	0.0	0.8	2.6
30	17.0	30.1	23.6	80.7	22.930	19.6	0.0	0.0	0.0	7.1
31	19.0	32.1	24.7	77.2	24.099	20.5	0.0	0.0	0.0	5.5
PROM.	18.6	30.4	23.5	77.9	22.343	19.2	16.9	224.0	240.9	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	18.5	29.1	23.3	81.9	23.406	20.0	0.0	0.0	0.0	2.5
2	17.0	30.8	23.6	76.3	22.297	19.2	0.0	0.0	0.0	6.6
3	19.0	32.0	24.3	73.2	21.769	18.8	0.0	0.0	0.0	6.8
4	19.0	30.0	22.1	81.3	21.272	18.3	0.0	0.0	0.0	2.2
5	17.3	30.4	23.2	77.2	21.495	18.6	0.0	0.0	0.0	4.8
6	18.6	31.0	23.9	67.5	19.376	16.8	0.0	0.0	0.0	4.6
7	17.4	30.5	24.1	78.7	23.474	20.1	0.0	0.0	0.0	6.5
8	18.3	33.1	23.7	71.5	20.732	18.1	0.0	0.0	0.0	7.7
9	18.0	30.6	24.0	70.6	20.715	18.0	0.4	20.4	20.8	6.0
10	18.0	32.0	25.2	69.6	21.169	18.4	0.0	0.0	0.0	8.1
11	19.0	32.0	24.1	76.5	22.688	19.5	0.0	1.3	1.3	6.7
12	20.0	29.4	24.7	73.6	22.525	19.4	0.0	0.0	0.0	6.6
13	17.0	32.4	24.7	74.9	22.484	19.2	0.0	10.4	10.4	5.5
14	17.0	29.9	23.0	84.3	23.302	19.9	0.0	0.0	0.0	6.4
15	18.0	33.0	24.9	71.3	21.627	18.7	0.0	0.0	0.0	7.4
16	17.6	31.0	23.9	73.7	21.814	18.8	0.0	0.0	0.0	6.4
17	18.2	31.2	24.2	70.3	20.855	18.2	0.0	0.0	0.0	4.1
18	16.6	32.0	23.5	75.4	21.508	18.7	0.0	0.3	0.3	5.8
19	16.0	32.0	22.0	71.9	19.237	16.9	1.2	0.0	1.2	5.3
20	15.0	29.6	23.0	80.1	21.898	18.8	0.0	2.1	2.1	3.5
21	17.0	30.0	23.2	78.5	21.901	18.9	0.0	10.6	10.6	3.2
22	17.5	31.5	23.4	72.6	20.340	17.7	0.0	0.0	0.0	7.1
23	16.2	31.0	24.0	77.7	22.538	19.4	0.0	0.0	0.0	5.7
24	18.0	29.5	23.5	80.1	22.871	19.6	0.0	0.0	0.0	2.2
25	20.0	30.8	25.0	73.2	22.560	19.4	0.0	9.4	9.4	7.4
26	17.5	32.0	24.8	74.5	22.576	19.4	0.0	1.0	1.0	7.1
27	19.2	30.6	24.9	77.5	23.592	20.1	0.0	11.6	11.6	5.2
28	17.4	31.4	24.9	69.4	20.840	18.2	0.0	0.0	0.0	6.0
29	17.6	31.9	25.1	71.5	21.532	18.6	0.0	0.0	0.0	8.0
30	17.9	33.0	25.1	70.1	20.886	18.0	0.0	0.0	0.0	7.2
PROM	17.8	31.1	24.0	74.8	21.776	18.8	1.6	67.1	68.7	172.6

ESTACION: INGENIO SAN FRANCISCO MUNICIPIO: LA VIRGINIA AÑO: 1.982

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

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	32.0	23.9	72.2	20.498	17.8	0.0	0.0	0.0	7.0
2	18.0	30.6	23.9	73.5	21.091	18.3	0.0	0.0	0.0	5.4
3	17.5	31.2	25.2	63.8	18.594	15.8	0.0	0.0	0.0	6.6
4	18.0	30.0	24.5	70.7	21.183	18.4	0.0	15.9	15.9	5.7
5	19.0	31.1	23.5	76.5	21.896	18.9	0.2	0.0	0.2	6.6
6	15.5	31.4	22.7	75.2	20.194	17.7	0.0	0.2	0.2	5.4
7	18.0	32.2	23.9	70.6	20.347	17.8	0.0	0.0	0.0	6.8
8	17.2	30.6	23.4	76.3	21.498	18.6	0.0	0.0	0.0	5.4
9	17.0	32.1	24.3	68.9	19.926	17.4	0.0	0.0	0.0	8.8
10	17.0	32.8	25.2	69.8	21.152	18.4	0.0	6.1	6.1	8.1
11	17.6	30.0	23.3	73.2	20.497	17.9	0.0	0.0	0.0	3.4
12	18.0	30.0	23.7	80.2	23.109	19.8	0.0	3.8	3.8	2.4
13	18.0	31.8	24.5	75.1	22.493	19.4	0.0	0.0	0.0	7.7
14	17.0	32.2	24.7	67.0	19.779	17.3	0.0	0.0	0.0	8.4
15	16.6	32.6	24.6	65.2	19.075	16.7	0.0	0.0	0.0	7.7
16	17.0	32.0	23.7	69.9	20.018	17.4	0.0	0.0	0.0	5.5
17	16.5	32.0	24.2	69.0	19.985	17.5	0.0	0.0	0.0	7.5
18	18.0	30.0	23.7	75.1	21.700	18.8	0.0	0.0	0.0	0.8
19	16.2	32.0	24.3	72.3	20.881	18.2	0.0	0.4	0.4	2.6
20	18.0	31.7	23.8	76.0	21.781	18.8	0.0	0.0	0.0	4.5
21	17.8	33.7	25.9	62.2	18.923	16.6	0.0	0.0	0.0	9.0
22	15.0	32.5	23.7	67.8	18.644	16.4	0.0	0.0	0.0	9.3
23	17.0	33.6	25.2	60.7	17.680	15.5	0.0	0.0	0.0	9.0
24	13.6	33.3	24.2	61.5	16.730	14.7	0.0	0.0	0.0	8.8
25	15.7	31.8	24.4	69.6	20.028	17.5	0.0	0.0	0.0	6.5
26	17.5	29.2	23.2	80.6	22.499	19.4	0.0	0.0	0.0	3.8
27	18.0	28.3	21.6	81.3	20.780	18.1	20.7	43.6	64.3	1.9
28	17.5	29.3	22.8	77.0	20.775	18.1	0.0	4.1	4.1	4.5
29	18.0	30.8	23.5	74.8	21.190	18.4	0.0	0.4	0.4	5.3
30	18.0	32.2	23.8	72.1	20.647	18.0	0.0	0.0	0.0	8.1
31	16.0	32.0	24.5	67.8	19.817	17.3	0.0	0.0	0.0	7.4
PROM.	17.1	31.5	24.0	71.5	20.433	17.8	20.9	74.5	95.4	189.9

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	32.0	24.1	71.7	20.691	18.0	0.0	3.7	3.7	7.9
2	18.0	31.8	24.2	73.5	21.673	18.8	0.0	0.0	0.0	5.7
3	17.0	32.6	24.9	67.7	20.163	17.6	0.0	0.0	0.0	7.6
4	17.0	33.3	25.0	68.6	20.640	18.0	0.0	0.0	0.0	8.6
5	14.5	31.6	24.3	64.8	18.170	16.0	0.0	3.8	3.8	7.4
6	17.2	30.4	23.9	66.6	18.781	16.4	0.0	0.0	0.0	5.2
7	18.0	29.2	23.4	72.2	20.167	17.6	0.0	5.3	5.3	2.4
8	18.0	28.2	25.5	70.4	21.333	18.5	0.1	0.0	0.1	3.5
9	14.4	33.1	25.0	69.8	20.483	17.8	0.0	0.0	0.0	9.5
10	17.0	32.1	24.1	70.4	20.065	17.5	0.0	0.0	0.0	6.7
11	17.0	34.6	25.0	63.7	18.837	16.5	0.0	0.0	0.0	9.3
12	17.0	34.4	24.6	65.2	19.258	16.9	0.0	0.0	0.0	8.9
13	15.0	34.7	24.1	64.0	17.459	15.2	0.0	0.0	0.0	8.1
14	16.6	33.5	24.7	67.1	19.645	17.2	0.0	0.0	0.0	7.6
15	17.3	34.6	26.1	64.5	20.644	18.0	0.0	0.3	0.3	8.4
16	19.2	33.6	25.3	67.5	20.814	18.0	0.0	0.0	0.0	6.7
17	16.5	36.9	26.1	63.7	19.471	17.1	0.0	0.0	0.0	7.1
18	17.5	33.3	25.5	65.5	19.783	17.3	0.0	0.0	0.0	5.9
19	17.0	35.0	26.3	62.4	19.317	16.9	0.0	1.1	1.1	6.4
20	18.9	33.3	24.9	71.9	21.796	18.9	0.0	0.0	0.0	3.5
21	16.6	32.0	24.3	70.1	20.240	17.7	0.0	0.0	0.0	4.3
22	16.0	36.5	25.5	65.0	19.290	16.9	0.0	0.0	0.0	9.1
23	16.0	36.7	26.1	64.0	19.426	16.9	0.0	0.1	0.1	7.3
24	18.0	33.7	25.0	62.5	18.693	16.4	0.0	0.0	0.0	6.5
25	17.0	35.0	24.3	63.1	18.203	16.0	0.0	0.0	0.0	6.5
26	15.5	34.3	25.7	60.6	18.216	16.0	0.0	0.0	0.0	8.0
27	17.5	34.6	26.3	63.4	20.064	17.5	0.0	0.0	0.0	6.3
28	19.0	34.4	26.3	64.7	18.228	16.1	0.0	0.0	0.0	6.7
29	16.5	35.2	25.8	54.5	16.988	14.8	0.0	0.0	0.0	8.6
30	16.6	33.2	24.4	63.8	19.884	17.3	0.0	0.0	0.0	6.3
31	17.0	32.2	22.2	72.5	18.756	16.4	0.0	0.0	0.0	5.3
PROM	17.0	33.4	24.9	66.1	19.586	17.1	0.1	14.3	14.4	211.3

ESTACION: INGENIO SAN FRANCISCO MUNICIPIO: LA VIRGINIA AÑO: 1.982

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	35.7	26.2	63.8	19.730	17.2	0.0	0.0	0.0	8.9
2	19.0	33.4	26.6	58.9	20.042	17.5	0.0	0.0	0.0	4.3
3	17.0	33.4	23.4	63.5	17.874	15.7	0.0	0.0	0.0	5.9
4	17.6	33.6	24.5	68.5	20.307	17.7	0.0	0.0	0.0	4.3
5	17.0	34.2	25.7	62.7	18.803	16.5	0.0	0.0	0.0	8.7
6	17.0	35.2	25.7	62.2	19.518	17.1	0.0	0.0	0.0	5.9
7	15.8	35.1	24.5	70.7	20.184	17.6	0.0	0.0	0.0	8.0
8	17.0	33.5	25.8	64.0	19.446	17.0	0.0	0.0	0.0	5.9
9	18.6	30.8	23.7	72.2	20.439	17.8	0.0	0.0	0.0	2.7
10	17.1	32.0	22.6	80.3	21.993	19.0	33.6	9.4	43.0	3.1
11	19.0	31.9	23.2	75.0	20.975	18.2	1.1	0.0	1.1	5.6
12	17.0	34.0	24.8	64.6	19.254	16.9	0.0	0.0	0.0	7.7
13	18.0	33.0	24.0	71.9	20.777	18.1	1.0	3.0	4.0	7.4
14	19.0	32.6	24.5	73.2	21.748	18.8	0.0	5.5	5.5	4.5
15	19.5	28.3	22.7	82.2	22.773	19.6	6.5	0.0	6.5	2.5
16	18.0	32.0	22.4	75.7	20.100	17.5	18.5	4.9	23.4	4.0
17	18.0	28.1	22.0	79.0	21.118	18.4	8.1	0.2	8.3	1.8
18	18.0	30.3	24.1	67.7	19.874	17.4	0.0	8.8	8.8	6.0
19	18.0	25.7	21.6	85.1	21.899	19.0	12.4	7.3	19.7	0.0
20	18.4	31.6	22.6	72.0	19.780	17.2	0.0	0.0	0.0	3.8
21	16.5	32.0	23.9	67.6	19.691	17.2	0.0	0.0	0.0	6.1
22	15.6	31.0	23.6	67.1	19.355	16.9	0.0	0.4	0.4	7.1
23	17.0	30.6	24.3	65.6	19.569	17.2	0.0	5.6	5.6	3.2
24	19.0	27.9	20.5	87.2	21.234	18.4	2.8	0.5	3.3	2.9
25	18.0	30.4	22.0	74.2	19.869	17.4	75.2	5.4	80.6	5.5
26	17.3	32.4	23.2	70.2	19.488	16.9	0.0	0.0	0.0	6.4
27	17.0	32.8	23.8	72.3	20.660	18.0	0.0	30.8	30.8	6.6
28	17.0	29.6	22.3	76.5	20.091	17.5	0.0	2.8	2.8	7.1
29	18.0	31.9	23.1	78.1	21.615	18.7	24.5	0.0	24.5	7.1
30	18.0	29.4	23.1	78.3	21.850	18.9	0.0	0.0	0.0	3.3
PROM.	17.7	31.7	23.7	71.7	20.335	17.7	183.7	84.6	268.3	156.3

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.9	29.1	21.7	79.2	20.502	17.9	3.9	1.8	5.7	0.8
2	19.0	31.0	23.7	71.6	20.306	17.7	0.0	1.1	1.1	5.3
3	18.0	27.3	21.4	78.0	19.944	17.5	0.7	2.5	3.2	0.7
4	18.0	30.3	23.5	73.1	20.676	18.0	0.0	10.6	10.6	6.7
5	18.0	30.4	23.2	79.4	21.939	18.9	0.8	0.0	0.8	6.4
6	17.4	32.0	24.0	71.1	20.870	18.2	0.0	6.3	6.3	6.6
7	19.5	30.3	22.9	77.5	21.669	18.8	0.0	0.0	0.0	3.0
8	19.0	28.8	21.1	84.0	21.345	18.5	22.0	0.0	22.0	2.5
9	17.5	30.4	23.0	76.9	21.118	18.3	0.0	0.0	0.0	7.5
10	17.0	30.6	22.4	69.3	18.775	16.5	0.4	0.0	0.4	6.1
11	15.0	32.2	24.6	73.8	21.620	18.6	0.0	32.5	32.5	9.1
12	17.0	27.2	20.7	79.5	19.568	17.2	0.0	0.0	0.0	2.3
13	17.4	31.8	23.9	70.4	20.453	17.8	0.0	2.5	2.5	8.8
14	19.0	31.9	23.6	80.0	23.231	19.9	0.6	1.9	2.5	3.5
15	19.4	29.8	22.9	76.6	21.260	18.5	0.0	0.0	0.0	4.7
16	17.0	30.6	24.4	67.9	20.038	17.6	0.0	0.0	0.0	5.8
17	18.0	29.8	22.9	76.7	21.182	18.4	0.0	0.0	0.0	3.9
18	17.0	31.4	23.5	73.3	20.604	18.0	0.0	0.0	0.0	5.7
19	18.4	32.3	23.8	75.7	21.754	18.8	0.0	18.0	18.0	5.0
20	18.2	28.8	23.1	72.7	19.933	17.5	0.0	0.0	0.0	4.5
21	19.0	31.0	23.2	72.6	20.239	17.6	0.0	0.0	0.0	7.4
22	18.6	30.0	22.3	77.6	20.750	18.1	0.3	0.0	0.3	4.5
23	17.5	30.0	22.7	76.4	20.918	18.2	0.8	0.0	0.8	4.8
24	18.0	28.6	22.2	69.4	17.927	15.5	0.0	4.9	4.9	3.5
25	19.0	28.2	22.0	79.3	21.108	18.4	0.0	9.6	9.6	4.1
26	18.0	29.6	21.9	75.5	19.743	17.2	1.3	0.0	1.3	3.8
27	17.0	26.1	20.6	79.1	19.401	17.0	1.9	0.1	2.0	0.3
28	15.6	28.6	21.4	76.3	19.186	16.8	7.1	2.6	9.7	8.4
29	17.0	30.0	21.9	73.2	19.190	16.8	0.0	0.0	0.0	4.8
30	17.6	32.0	24.0	70.2	20.466	17.9	0.0	0.0	0.0	9.5
31	18.0	32.0	23.5	73.1	21.267	18.5	1.4	0.0	1.4	4.9
PROM	17.8	30.1	22.8	75.1	20.549	17.9	41.2	94.4	135.6	154.9

ESTACION: INGENIO SAN FRANCISCO MUNICIPIO: LA VIRGINIA AÑO: 1.982

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

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	30.1	23.1	80.2	22.166	19.1	0.0	6.7	6.7	1.5
2	18.5	29.4	22.1	80.1	21.183	18.4	0.0	11.9	11.9	2.5
3	18.5	30.3	23.0	76.7	21.242	18.4	0.0	0.0	0.0	5.2
4	19.4	30.0	22.4	78.2	20.936	18.2	0.0	0.0	0.0	1.8
5	17.5	30.8	22.6	77.9	21.048	18.3	0.0	0.0	0.0	4.9
6	19.2	30.0	22.9	77.0	21.381	18.6	0.2	3.3	3.5	2.5
7	17.5	31.8	23.8	72.1	20.694	18.0	0.0	4.8	4.8	7.7
8	18.0	31.7	24.8	71.2	22.273	19.2	0.0	0.0	0.0	6.7
9	19.0	32.4	25.2	69.2	21.556	18.7	0.0	2.5	2.5	8.9
10	19.0	31.1	22.5	76.8	21.120	18.3	0.1	0.0	0.1	4.6
11	18.5	28.0	23.0	72.6	19.936	17.5	0.0	27.4	27.4	2.2
12	18.4	28.4	22.3	76.1	20.545	17.9	0.3	0.0	0.3	4.8
13	18.0	31.3	23.4	72.8	20.670	18.1	0.0	0.0	0.0	9.5
14	17.6	30.8	24.1	75.0	21.834	18.9	0.0	0.0	0.0	2.4
15	17.5	32.6	24.4	74.0	22.140	19.1	0.0	0.6	0.6	6.5
16	20.1	29.8	23.4	78.6	22.209	19.1	0.0	9.9	9.9	0.2
17	19.0	30.4	23.8	76.1	22.212	19.2	0.0	0.9	0.9	3.0
18	20.0	25.5	22.0	89.7	24.017	20.4	2.6	0.0	2.6	0.0
19	19.0	28.6	22.7	75.3	20.873	18.2	0.0	1.2	1.2	5.9
20	19.5	26.4	22.1	83.5	22.347	19.2	8.1	1.1	9.2	0.1
21	18.5	28.6	22.6	74.5	20.345	17.7	0.0	0.6	0.6	2.8
22	18.4	28.6	22.6	81.0	22.091	19.1	0.5	0.0	0.5	2.7
23	18.4	30.5	22.9	73.6	20.175	17.6	0.0	0.0	0.0	2.9
24	18.0	31.0	23.5	74.8	21.190	18.4	0.2	0.0	0.2	8.7
25							0.0	10.0	10.0	
26							36.6	3.0	39.6	
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	
PROM.							48.6	83.9	132.5	

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	18.5	31.3	23.1	78.7	22.028	19.0	0.0	3.5	3.5	3.8
2	17.7	31.9	23.5	75.5	21.436	18.6	0.0	0.0	0.0	2.1
3	18.4	26.5	22.0	83.4	22.025	19.0	0.0	0.0	0.0	6.4
4	18.0	30.3	22.6	78.4	21.602	18.7	0.6	0.0	0.6	7.0
5	18.0	32.5	23.2	76.8	21.933	19.0	0.6	0.0	0.6	4.0
6	19.5	31.6	24.2	75.5	22.250	19.2	0.0	0.0	0.0	4.5
7	20.0	31.4	23.2	76.9	21.942	19.0	0.0	0.0	0.0	3.7
8	20.0	31.5	24.1	79.5	23.604	20.1	0.0	37.6	37.6	3.4
9	19.3	25.4	21.1	84.6	21.106	18.3	8.4	0.0	8.4	0.2
10	16.5	30.5	23.0	73.5	21.431	18.5	0.0	0.0	0.0	6.5
11	17.4	33.0	24.0	74.0	21.627	18.7	0.3	0.3	0.6	6.0
12	19.9	30.0	23.5	80.0	23.164	19.8	0.0	0.0	0.0	3.0
13	18.6	30.5	23.2	78.7	22.316	19.2	0.0	0.0	0.0	2.1
14	19.3	31.7	24.5	73.3	21.978	19.0	0.0	0.0	0.0	8.3
15	17.8	32.5	24.8	72.0	21.743	18.9	0.0	0.0	0.0	8.3
16	19.0	31.0	24.3	73.5	23.840	20.3	15.6	0.0	15.6	4.6
17	18.9	29.2	23.3	79.4	22.232	19.2	0.3	0.0	0.3	4.7
18	19.5	29.3	23.2	75.2	21.039	18.3	0.0	0.0	0.0	2.8
19	17.6	32.4	23.8	76.4	21.674	18.7	0.0	0.0	0.0	5.3
20	18.6	32.6	24.5	72.6	21.706	18.8	0.0	0.6	0.6	7.7
21	18.3	31.2	24.4	68.1	20.171	17.7	0.0	15.4	15.4	5.9
22	19.0	30.6	24.0	76.6	22.337	19.3	0.0	0.0	0.0	6.0
23	19.5	31.5	24.1	71.9	21.171	18.4	0.0	0.0	0.0	6.9
24	19.4	31.1	23.8	70.5	20.738	18.1	0.6	0.0	0.6	4.5
25	16.6	32.1	23.5	73.4	20.505	17.9	0.0	0.0	0.0	9.4
26	16.9	32.4	23.6	72.9	20.529	17.9	0.0	0.0	0.0	7.8
27	19.0	26.8	21.9	80.4	21.017	18.3	0.2	0.8	1.0	0.0
28	18.6	30.2	23.1	77.9	21.551	18.7	0.0	0.0	0.0	3.8
29	18.0	28.0	23.5	78.3	22.011	19.0	0.0	0.0	0.0	1.0
30	16.5	32.6	24.7	66.5	19.762	17.3	0.0	0.0	0.0	8.6
31	15.5	34.0	24.1	64.6	18.147	15.9	0.0	0.0	0.0	9.6
PROM	18.4	30.8	23.5	75.8	21.570	18.7	26.6	58.2	84.8	150.9

ESTACION: INGENIO SAN FRANCISCO MUNICIPIO LA VIRGINIA AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	17.7	30.9	23.6	15.5	33.5	75.8	21.535	18.6	149.5	16	184.6
FEBRERO	18.4	31.2	23.7	16.6	34.0	75.7	21.623	18.7	93.8	11	109.4
MARZO	18.4	31.5	24.0	15.6	34.3	74.7	21.797	18.8	70.2	13	178.1
ABRIL	18.4	30.6	23.5	16.5	32.8	77.8	22.236	19.1	207.8	21	137.4
MAYO	18.6	30.4	23.5	17.0	32.8	77.9	22.343	19.2	240.9	21	157.3
JUNIO	17.8	31.1	24.0	15.0	33.1	74.8	21.776	18.8	68.7	10	172.6
JULIO	17.1	31.5	24.0	13.6	33.7	71.5	20.433	17.8	95.4	9	189.9
AGOSTO	17.0	33.4	24.9	14.4	36.9	66.1	19.586	17.1	14.4	7	211.3
SEPTIEMBRE	17.7	31.7	23.7	15.6	35.7	71.7	20.335	17.7	268.3	16	156.3
OCTUBRE	17.8	30.1	22.8	15.0	32.3	75.1	20.549	17.9	135.6	20	154.9
NOVIEMBRE									132.5	19	
DICIEMBRE	18.4	30.8	23.5	15.5	34.0	75.8	21.570	18.7	84.8	12	150.9
PROMEDIO											
TOTAL									1561.9	175	

ESTACION: EL JAZMIN MUNICIPIO: STA. ROSA DE AGO: 1.982

ALTITUD: 1.600 LATITUD: 4-55 N. LONGITUD: 75-38 W.

M E S - ENERO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	19.0	17.0	97.5	18.753	16.5	4.3	1.2	5.5	0.0
2	14.6	25.0	18.4	86.2	18.325	16.1	6.0	7.4	13.4	0.1
3	14.0	22.6	17.7	86.9	17.238	15.1	6.9	25.4	32.3	0.0
4	14.0	20.0	15.9	95.9	17.390	15.3	6.3	15.2	21.5	0.4
5	14.6	20.4	16.9	95.2	18.616	16.3	8.0	17.8	25.8	2.7
6	14.0	25.0	17.8	90.5	18.415	16.1	0.0	71.0	71.0	1.3
7	15.3	24.0	18.0	90.9	18.853	16.6	1.6	11.0	12.6	3.4
8	15.5	24.3	18.1	87.3	18.406	16.1	3.3	35.5	38.8	2.6
9	15.4	23.0	18.5	94.8	20.068	17.5	9.2	0.0	9.2	3.1
10	16.2	25.3	19.6	87.0	19.759	17.3	0.2	0.0	0.2	0.7
11	14.5	26.6	21.0	82.1	19.925	17.3	0.0	0.0	0.0	6.4
12	16.2	27.0	20.8	78.0	19.250	16.9	0.0	0.0	0.0	5.8
13	17.3	27.2	21.6	77.6	19.822	17.3	0.0	0.0	0.0	6.2
14	16.3	27.3	20.2	85.0	20.183	17.6	20.3	22.7	43.0	4.4
15	14.1	27.3	20.6	85.2	20.010	17.4	0.0	2.8	2.8	6.8
16	15.3	27.5	21.0	79.2	18.913	16.6	0.0	0.0	0.0	8.8
17	16.3	28.0	22.1	75.2	19.081	16.7	0.0	0.0	0.0	8.3
18	13.7	28.7	20.7	77.5	18.932	16.5	0.0	0.0	0.0	9.7
19	16.3	27.8	21.3	79.3	20.247	17.6	0.0	0.0	0.0	7.4
20	15.3	28.6	21.4	74.9	18.903	16.5	0.0	0.0	0.0	8.4
21	16.3	28.8	22.1	77.6	21.051	18.2	0.0	0.0	0.0	8.8
22	15.3	29.4	22.2	76.9	20.203	17.6	0.0	0.2	0.2	9.6
23	16.3	27.0	21.1	82.1	20.447	17.7	0.0	0.0	0.0	7.0
24	15.3	25.2	20.1	83.3	19.550	17.0	0.0	1.8	1.8	4.6
25	15.2	25.0	18.5	85.3	18.411	16.2	0.0	0.4	0.4	2.3
26	16.2	25.7	19.0	87.7	19.529	17.1	21.7	0.8	22.5	3.3
27	15.3	22.0	17.9	92.7	19.034	16.7	8.2	0.0	8.2	1.7
28	14.7	24.4	18.8	87.6	19.052	16.7	2.6	55.6	58.2	2.9
29	14.2	24.2	16.7	94.5	17.768	15.6	11.5	0.0	11.5	4.7
30	15.6	25.0	18.7	88.3	19.009	16.7	0.0	0.1	0.1	2.4
31	16.6	21.0	17.6	95.3	19.415	17.0	0.5	0.0	0.5	1.4
PROM.	15.3	25.2	19.4	85.7	19.179	16.8	110.6	268.9	379.5	135.2

M E S - FEBRERO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.4	19.5	80.0	18.212	15.9	0.0	0.0	0.0	5.3
2	14.5	23.0	18.6	89.4	19.294	16.9	0.5	0.0	0.5	1.8
3	13.1	25.0	20.3	77.9	18.026	15.8	0.0	35.1	35.1	5.1
4	15.0	25.4	19.7	86.3	19.146	16.8	0.4	14.8	15.2	4.8
5	15.2	23.5	19.0	85.6	18.508	16.2	0.0	0.0	0.0	1.6
6	15.2	24.4	19.2	85.5	19.008	16.6	0.0	43.4	43.4	2.3
7	15.3	23.2	18.5	90.9	19.563	17.1	0.2	0.0	0.2	2.0
8	14.5	25.2	20.1	84.9	19.818	17.3	0.2	0.4	0.6	2.0
9	16.2	25.0	21.2	88.7	22.016	18.9	0.0	1.7	1.7	2.5
10	16.4	25.0	20.2	88.0	20.648	18.0	1.1	2.7	3.8	1.7
11	16.0	27.2	20.7	85.9	20.420	17.8	0.0	11.0	11.0	2.3
12	14.5	23.0	18.3	92.0	19.680	17.2	10.7	0.0	10.7	2.9
13	15.0	25.3	20.6	87.6	20.531	17.8	0.3	3.9	4.2	2.8
14	15.4	25.3	20.3	92.4	21.481	18.5	0.0	36.8	36.8	5.6
15	15.4	22.5	19.0	88.4	19.293	16.9	4.4	0.0	4.4	0.0
16	15.5	25.0	19.3	80.6	18.258	16.0	0.6	1.9	2.5	3.6
17	16.0	24.5	20.3	83.8	19.785	17.3	1.0	0.2	1.2	5.3
18	15.6	25.0	20.2	82.1	19.322	16.9	0.0	0.0	0.0	4.0
19	15.4	21.3	17.5	94.5	19.389	17.0	7.6	1.2	8.8	0.5
20	15.2	20.6	17.8	90.1	18.222	16.0	0.0	0.0	0.0	0.2
21	14.4	24.2	21.2	78.9	18.574	16.3	0.0	0.0	0.0	5.2
22	16.0	24.2	19.3	89.2	20.051	17.5	0.0	0.0	0.0	2.0
23	15.4	26.4	20.6	83.3	20.005	17.5	0.0	0.0	0.0	4.6
24	14.6	26.9	21.1	87.3	21.893	18.9	0.0	10.9	10.9	4.1
25	16.3	28.3	20.9	88.1	21.814	18.8	0.0	0.1	0.1	5.2
26	17.2	25.4	20.6	88.2	21.656	18.7	0.0	0.0	0.0	1.8
27	16.0	26.5	20.3	83.9	20.262	17.7	0.0	0.0	0.0	2.8
28	17.0	24.4	19.9	85.5	19.641	17.2	6.9	0.6	7.5	
PROM	15.4	24.7	19.8	86.4	19.804	17.3	33.9	164.7	198.6	

ESTACION: EL JAZMIN MUNICIPIO: STA. ROSA DE AGO AÑO: 1.982

ALTITUD: 1.600 LATITUD: 4-55 N. LONGITUD: 75-38 W.

MES - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	21.0	17.9	96.4	19.725	17.3	20.0	3.6	23.6	0.4
2	15.3	24.6	19.3	85.8	19.421	17.0	1.0	0.6	1.6	2.9
3	15.3	27.2	21.9	81.5	20.424	17.7	0.0	0.3	0.3	10.4
4	16.0	21.4	18.0	93.7	19.586	17.2	15.5	0.0	15.5	0.0
5	15.1	24.0	19.8	86.0	19.659	17.2	0.1	0.0	0.1	5.7
6	16.0	25.3	20.2	85.1	20.031	17.4	0.3	7.5	7.8	
7	14.4	27.4	19.8	84.1	19.459	17.0	0.0	0.0	0.0	8.4
8	14.5	27.6	19.7	79.4	18.023	15.8	0.0	0.0	0.0	6.8
9	12.5	24.6	19.3	84.5	18.400	16.0	0.0	0.0	0.0	5.7
10	15.0	25.3	20.8	83.6	20.142	17.6	0.0	0.0	0.0	6.0
11	17.0	22.5	18.5	92.6	20.192	17.6	4.8	1.9	6.7	0.4
12	16.0	20.6	18.1	94.6	19.769	17.3	1.3	0.0	1.3	3.1
13	14.0	26.3	19.7	82.4	18.830	16.5	0.2	2.6	2.8	
14	15.0	23.3	18.8	91.4	19.903	17.4	0.0	0.0	0.0	0.0
15	15.1	26.0	19.0	88.1	19.644	17.2	6.2	23.8	30.0	2.9
16	14.2	26.6	19.6	84.2	19.346	17.0	0.0	2.9	2.9	5.9
17	14.2	25.6	18.9	88.3	19.656	17.2	0.6	0.0	0.6	3.5
18	15.2	25.3	18.4	88.2	19.351	16.7	11.6	0.0	11.6	0.9
19	14.2	25.0	19.7	86.7	20.130	17.6	0.0	0.4	0.4	2.3
20	15.3	26.8	20.4	81.4	19.369	17.0	0.0	0.0	0.0	7.0
21	14.1	28.4	21.4	80.9	20.068	17.5	0.0	0.0	0.0	
22	16.7	26.3	21.8	83.5	21.523	18.6	0.1	23.1	23.2	3.9
23	16.2	24.4	19.0	88.8	19.827	17.3	1.7	0.0	1.7	1.2
24	15.2	26.0	19.0	85.9	19.262	16.9	0.0	0.0	0.0	1.1
25	15.6	28.2	21.8	82.2	21.147	18.3	0.0	0.3	0.3	5.3
26	16.5	23.7	18.9	93.0	20.734	18.1	0.4	0.0	0.4	5.7
27	14.5	26.3	20.1	86.1	20.313	17.7	0.0	2.6	2.6	
28	16.2	22.8	20.2	94.6	19.963	17.5	0.0	16.3	16.3	
29	15.8	23.3	19.9	91.4	20.863	18.1	2.7	0.0	2.7	1.3
30	15.4	26.0	19.6	89.4	20.725	18.0	0.0	0.0	0.0	2.3
31	14.4	25.8	20.3	85.6	19.743	17.2	0.0	0.0	0.0	1.4
PROM.	15.2	25.1	19.7	85.8	19.836	17.3	66.5	85.9	152.4	

MES - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	24.0	20.2	91.6	21.793	18.8	1.2	0.9	2.1	1.2
2	17.0	22.0	18.5	97.1	20.536	17.9	4.6	0.0	4.6	0.4
3	15.1	22.0	17.9	94.7	19.314	16.9	10.5	0.0	10.5	0.2
4	15.4	20.3	16.8	97.5	19.001	16.7	7.5	6.9	14.4	0.8
5	16.2	23.2	18.3	92.7	19.478	17.1	0.0	0.0	0.0	0.7
6	14.4	23.2	17.9	91.8	18.909	16.6	27.6	0.4	28.0	0.6
7	14.0	24.6	19.8	87.2	20.108	17.5	0.0	0.3	0.3	1.9
8	15.0	21.0	17.2	96.6	18.547	16.3	1.0	1.3	2.3	0.0
9	15.2	22.3	17.2	91.8	18.639	16.3	21.4	13.7	35.1	1.1
10	13.6	22.6	16.3	87.4	16.229	14.2	0.6	0.2	0.8	0.7
11	12.8	24.3	18.3	88.5	18.771	16.4	5.8	107.0	112.8	5.0
12	14.2	23.2	18.2	83.2	18.471	16.2	0.0	0.0	0.0	2.5
13	13.0	25.4	19.7	81.3	18.475	16.2	0.0	0.0	0.0	6.8
14	16.0	25.6	20.1	85.7	20.138	17.5	0.0	0.9	0.9	6.2
15	15.6	28.8	21.4	76.8	19.356	16.9	0.0	52.4	52.4	9.6
16	16.0	26.0	19.5	85.5	19.250	16.9	2.0	22.7	24.7	4.1
17	14.6	24.3	18.3	87.5	18.246	16.0	10.8	31.9	42.7	1.9
18	15.0	24.1	18.9	92.7	20.060	17.5	0.0	2.0	2.0	1.8
19	14.0	27.0	20.6	86.9	20.773	18.0	0.0	0.0	0.0	5.1
20	16.0	26.6	19.2	89.8	20.229	17.7	6.0	10.0	16.0	4.3
21	16.3	24.3	20.0	91.5	21.236	18.4	0.3	0.0	0.3	1.7
22	14.0	24.0	19.5	90.1	20.226	17.6	10.0	12.0	22.0	3.7
23	16.2	25.0	18.1	92.4	19.452	17.1	0.0	5.0	5.0	3.3
24	14.1	26.2	20.2	81.5	19.275	16.8	0.0	0.0	0.0	3.2
25	16.0	28.0	20.0	86.2	20.023	17.5	0.0	0.0	0.0	5.0
26	17.0	25.0	19.0	88.4	20.068	17.4	0.3	1.0	1.3	2.1
27	14.2	26.7	20.4	86.2	20.816	18.0	0.0	2.0	2.0	4.5
28	16.0	20.0	17.1	95.9	19.164	16.8	7.2	2.2	9.4	0.0
29	14.1	24.0	17.7	92.7	19.307	16.9	16.0	4.0	20.0	2.0
30	14.2	25.0	18.9	85.3	18.816	16.5	0.0	0.0	0.0	4.9
PROM	15.0	24.3	18.8	89.3	19.490	17.0	132.8	276.8	409.6	85.3

ESTACION: EL JAZMIN MUNICIPIO: STA. ROSA DE AGO: 1.982

ALTITUD: 1.600 LATITUD: 4-55 N. LONGITUD: 75-38 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	24.4	18.2	92.3	19.556	17.1	7.0	5.0	12.0	0.4
2	16.0	22.0	18.1	93.2	19.354	17.0	0.0	0.0	0.0	1.7
3	16.2	25.6	20.5	85.0	20.613	17.9	0.0	3.0	3.0	4.3
4	15.3	25.2	19.7	92.6	21.383	18.5	0.0	10.0	10.0	4.2
5	14.0	23.2	19.7	93.8	21.145	18.2	0.0	0.0	0.0	2.3
6	16.0	25.6	19.2	89.6	20.275	17.7	11.0	0.0	11.0	4.2
7	16.8	26.8	20.2	89.3	20.964	18.2	11.7	0.0	11.7	4.9
8	15.8	22.6	18.5	98.8	21.288	18.5	22.0	3.0	25.0	1.1
9	15.3	24.1	18.7	91.5	20.010	17.5	9.0	7.0	16.0	2.9
10	16.0	23.6	19.5	91.2	20.526	17.8	0.0	0.0	0.0	4.0
11	14.1	26.4	19.6	91.2	20.704	18.0	0.0	6.0	6.0	4.9
12	15.1	25.6	18.8	92.6	19.894	17.4	0.0	6.0	6.0	6.5
13	15.3	23.2	18.1	98.5	20.503	17.8	4.0	0.0	4.0	2.4
14	14.5	23.5	18.2	88.3	18.653	16.4	0.0	0.0	0.0	2.4
15	13.6	19.0	15.4	91.4	16.038	14.0	12.7	0.0	12.7	0.6
16	12.4	20.6	16.7	94.2	17.364	15.2	1.7	0.0	1.7	0.7
17	14.0	25.0	18.2	87.6	18.513	16.2	1.4	3.5	4.9	1.2
18	13.2	22.2	18.1	91.5	19.420	17.0	2.7	4.6	7.3	4.0
19	14.2	22.3	18.2	90.5	19.036	16.7	8.2	2.3	10.5	1.6
20	15.0	21.4	17.4	93.4	18.715	16.4	19.7	31.2	50.9	1.3
21	14.1	22.0	17.0	88.9	17.449	15.4	10.6	1.8	12.4	1.5
22	14.1	22.0	16.6	93.9	17.740	15.6	6.3	13.4	19.7	0.8
23	14.1	22.0	17.6	88.4	17.792	15.6	6.3	0.0	6.3	2.9
24	14.6	22.2	18.8	86.7	18.796	16.5	0.0	21.2	21.2	2.4
25	14.3	22.0	17.5	89.0	18.121	15.9	0.3	0.0	0.3	1.3
26	14.4	22.2	18.1	89.1	18.848	16.5	2.7	2.8	5.5	1.2
27	14.3	22.0	18.8	90.9	19.217	16.8	1.8	0.0	1.8	2.6
28	14.1	20.6	17.6	95.2	19.479	17.0	0.0	2.8	2.8	1.4
29	14.4	22.0	17.7	92.9	18.757	16.4	3.5	0.0	3.5	1.5
30	14.1	24.2	19.2	85.0	18.478	16.2	0.7	0.0	0.7	4.5
31	15.2	25.0	19.7	88.4	20.546	17.9	1.8	0.6	2.4	3.3
PROM.	14.7	23.2	18.4	91.1	19.328	16.9	145.1	124.2	269.3	79.0

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	15.6	22.3	19.3	89.6	20.129	17.6	0.0	0.0	0.0	0.3
2	14.2	26.3	19.7	85.8	20.021	17.5	0.0	0.1	0.1	6.9
3	16.2	26.0	19.7	84.7	20.124	17.6	20.5	0.0	20.5	4.0
4	14.6	22.6	18.0	95.5	19.759	17.3	0.0	3.0	3.0	4.4
5	13.6	24.0	18.4	91.2	19.716	17.0	0.4	3.6	4.0	
6	13.5	24.0	18.9	84.7	18.682	16.4	0.1	0.0	0.1	
7	14.5	23.4	18.1	93.2	19.395	17.0	16.2	0.0	16.2	2.9
8	14.5	26.2	19.9	84.9	19.749	17.3	0.0	0.3	0.3	7.2
9	14.4	23.2	18.6	90.4	19.397	17.0	1.3	22.5	23.8	2.1
10	13.4	26.0	20.4	79.8	18.714	16.4	0.0	0.0	0.0	8.2
11	15.3	24.3	19.3	81.5	18.450	16.2	0.0	0.5	0.5	2.1
12	15.1	24.5	19.8	81.9	18.708	16.4	0.4	0.0	0.4	6.1
13	14.3	26.3	18.3	84.3	17.841	15.6	0.0	0.0	0.0	5.2
14	13.6	22.2	18.8	80.5	17.560	15.4	0.0	0.0	0.0	4.4
15	14.2	26.2	20.1	82.7	19.231	16.8	0.0	0.0	0.0	7.7
16	13.8	23.8	20.1	82.3	19.144	16.8	0.0	0.0	0.0	
17	15.5	24.3	18.9	85.2	19.212	16.8	0.0	0.0	0.0	3.0
18	14.4	23.5	18.4	87.8	18.681	16.4	1.6	0.0	1.6	2.2
19	12.5	24.3	17.5	83.5	17.358	15.3	13.1	0.0	13.1	2.5
20	12.0	23.0	18.8	88.3	18.978	16.6	3.2	0.0	3.2	3.8
21	14.2	25.0	18.9	86.5	19.051	16.7	0.0	0.5	0.5	0.0
22	14.2	25.6	19.1	84.0	18.741	16.5	0.0	0.0	0.0	8.7
23	13.6	24.6	19.1	83.0	18.590	16.3	0.0	0.0	0.0	5.1
24	14.4	22.4	17.6	93.5	19.015	16.7	3.3	0.0	3.3	1.4
25	14.2	25.0	19.6	83.1	18.944	16.6	0.0	12.8	12.8	4.7
26	14.1	23.2	18.8	85.6	18.796	16.5	0.0	3.5	3.5	5.5
27	15.5	22.6	19.2	87.0	19.247	16.9	4.8	0.0	4.8	2.7
28	15.0	27.0	20.0	79.6	18.753	16.5	0.0	0.0	0.0	7.5
29	14.0	26.3	20.6	80.5	19.363	16.9	0.0	0.0	0.0	8.6
30	14.4	27.2	20.5	73.7	19.129	16.7	0.0	0.0	0.0	7.9
PROM	14.3	24.5	19.1	85.3	19.016	16.7	64.9	46.8	111.7	

ESTACION: EL JAZMIN MUNICIPIO: STA. ROSA DE AÑO: 1.982

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	15.1	26.2	20.4	82.2	19.571	17.1	0.0	0.0	0.0	7.7
2	14.4	24.2	20.4	72.2	17.420	15.1	0.0	0.0	0.0	2.0
3	13.3	23.5	19.7	81.9	18.218	16.0	0.4	0.0	0.4	3.1
4	14.1	23.6	18.7	85.1	18.049	15.9	0.0	16.8	16.8	2.7
5	14.0	23.2	17.8	93.0	19.195	16.8	4.3	0.0	4.3	5.1
6	12.5	24.1	19.4	86.8	19.677	17.2	0.0	0.7	0.7	2.4
7	14.5	26.2	19.9	83.0	18.925	16.6	0.0	0.0	0.0	4.1
8	14.0	23.2	18.3	86.5	18.465	16.2	0.0	0.0	0.0	3.2
9	13.5	26.0	21.1	73.1	17.213	15.1	0.0	0.0	0.0	5.9
10	14.1	26.2	22.1	76.7	19.785	17.3	0.0	0.0	0.0	7.8
11	14.1	24.2	16.4	93.4	16.736	14.7	13.1	0.6	13.7	2.5
12	15.0	21.5	18.0	90.3	18.972	16.6	1.4	0.3	1.7	1.0
13	15.0	25.0	19.2	82.1	18.280	16.0	0.0	0.0	0.0	6.4
14	13.0	27.0	20.3	70.8	16.959	14.8	0.0	0.0	0.0	7.5
15	14.5	26.4	20.3	77.0	17.859	15.7	0.0	0.0	0.0	6.8
16	14.2	24.2	20.2	68.6	15.561	13.4	0.0	0.0	0.0	4.1
17	13.3	27.2	20.9	75.6	18.188	16.0	0.0	0.7	0.7	9.3
18	14.2	23.2	18.6	89.7	19.020	16.6	0.5	0.0	0.5	1.0
19	13.5	24.8	18.6	84.4	18.143	15.9	0.0	0.0	0.0	1.1
20	13.2	22.6	18.1	85.7	17.668	15.5	0.0	22.2	22.2	1.9
21	12.3	27.0	19.9	75.2	16.960	14.9	0.0	0.0	0.0	8.8
22	13.5	25.7	21.2	84.1	20.833	18.1	0.0	0.5	0.5	6.8
23	14.5	26.3	21.6	75.6	19.608	17.1	0.0	0.0	0.0	6.4
24	12.4	27.3	21.3	67.9	16.867	14.8	0.0	0.0	0.0	8.7
25	13.2	24.4	20.0	82.9	19.073	16.7	0.0	0.0	0.0	4.8
26	13.2	22.0	18.1	93.3	19.684	17.2	1.1	0.0	1.1	4.0
27	14.4	22.0	16.7	94.3	18.354	16.1	3.1	28.6	31.7	0.3
28	13.2	22.0	17.9	90.8	18.759	16.5	0.7	0.0	0.7	1.5
29	14.2	23.5	19.2	85.1	18.781	16.5	0.0	0.1	0.1	3.1
30	14.8	25.0	20.9	79.6	18.989	16.7	0.0	0.0	0.0	5.2
31	15.1	27.2	21.5	73.2	18.320	16.1	0.0	0.0	0.0	7.6
PROM.	13.9	24.7	19.6	81.9	18.391	16.1	24.6	70.5	95.1	142.8

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.2	26.5	20.6	82.0	19.678	17.2	0.0	15.4	15.4	6.0
2	15.4	24.9	19.0	82.7	18.483	16.2	0.2	0.0	0.2	5.2
3	15.1	27.5	20.5	75.8	18.272	16.1	0.0	0.0	0.0	9.5
4	14.5	27.8	19.9	77.3	18.016	15.8	0.0	0.0	0.0	8.7
5	13.6	27.0	19.9	76.7	17.459	15.3	0.0	0.0	0.0	8.8
6	15.6	23.0	19.6	83.8	18.951	16.7	0.0	0.0	0.0	2.6
7	15.2	22.0	18.2	88.6	18.427	16.2	0.5	51.7	52.2	1.0
8	14.3	22.6	18.5	86.8	18.304	16.0	3.5	0.0	3.5	1.1
9	12.8	28.6	20.7	73.3	17.550	15.4	0.0	0.0	0.0	10.6
10	15.0	25.8	19.4	85.0	19.191	16.8	0.0	0.0	0.0	5.4
11	15.6	28.4	23.4	66.1	17.465	15.4	0.0	0.0	0.0	9.6
12	15.0	27.0	23.2	70.0	18.912	16.6	0.0	0.0	0.0	7.8
13	16.0	28.0	20.7	76.3	18.576	16.3	0.0	0.0	0.0	5.8
14	17.0	27.6	20.4	78.8	18.959	16.6	0.0	0.3	0.3	7.4
15	16.5	27.8	21.5	79.1	20.243	17.7	0.5	6.9	7.4	7.7
16	15.2	26.8	20.6	80.7	19.444	17.1	0.0	0.0	0.0	6.5
17	14.8	27.6	20.0	76.5	17.714	15.6	0.0	0.0	0.0	6.2
18	16.0	27.2	20.8	84.8	20.570	17.9	0.0	0.0	0.0	4.6
19	16.3	27.2	21.0	80.7	19.706	17.3	0.0	0.0	0.0	4.3
20	17.0	24.2	21.6	83.2	21.077	18.3	0.0	0.0	0.0	0.2
21	14.6	25.0	19.6	88.7	20.563	17.9	0.0	0.0	0.0	4.3
22	13.6	28.8	21.5	82.7	20.571	17.8	0.0	0.0	0.0	10.2
23	15.3	28.2	22.1	73.7	19.357	17.0	0.0	0.0	0.0	5.1
24	15.5	26.9	21.2	78.4	19.280	16.9	0.0	0.0	0.0	5.4
25	15.2	27.2	20.7	81.3	19.801	17.3	0.0	0.0	0.0	4.0
26	14.1	27.9	20.9	82.3	19.925	17.4	0.0	0.0	0.0	5.2
27	14.8	28.2	21.5	81.7	20.555	17.9	0.0	0.0	0.0	4.9
28	16.5	27.5	22.3	75.8	19.532	17.1	0.0	0.0	0.0	3.6
29	15.0	28.6	21.5	73.1	18.325	16.1	0.0	0.0	0.0	7.4
30	15.0	27.0	20.8	81.6	19.741	17.2	0.0	0.0	0.0	6.2
31	14.2	23.6	19.2	94.1	21.000	18.2	2.0	0.0	2.0	3.2
PROM	15.1	26.7	20.7	80.1	19.214	16.8	6.7	74.3	81.0	178.5

ESTACION: EL JAZMIN MUNICIPIO STA. ROSA DE C. AÑO: 1.982

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	14.3	27.9	21.8	73.7	19.738	17.3	0.1	6.6	6.7	6.0
2	15.8	27.2	21.7	76.6	19.503	17.1	0.0	0.0	0.0	5.5
3	16.0	26.6	21.6	84.7	21.439	18.6	1.9	0.0	1.9	5.7
4	16.3	25.2	20.3	89.5	21.518	18.6	0.8	0.0	0.8	2.8
5	16.0	26.0	19.6	80.1	18.650	16.3	0.0	3.1	3.1	4.2
6	14.2	27.5	20.7	76.9	18.700	16.4	0.0	0.0	0.0	5.5
7	14.2	28.8	21.4	74.8	18.968	16.6	0.0	0.0	0.0	7.1
8	15.0	28.2	21.6	81.5	20.752	18.0	0.0	0.0	0.0	5.4
9	15.4	24.5	19.2	89.1	20.046	17.4	0.0	0.0	0.0	0.5
10	16.3	23.5	19.4	91.4	20.843	18.2	2.5	10.0	12.5	0.8
11	14.3	22.0	17.2	94.7	18.798	16.5	5.5	0.2	5.7	2.9
12	13.6	28.2	20.7	82.0	20.381	17.8	3.6	0.0	3.6	8.1
13	15.3	24.8	20.1	87.3	20.356	17.8	0.0	0.4	0.4	4.8
14	15.0	24.0	19.3	92.7	20.484	17.8	0.3	0.0	0.3	1.6
15	15.8	22.0	18.8	91.3	20.128	17.6	0.1	30.2	30.3	2.5
16	14.5	23.3	16.7	97.5	18.946	16.5	6.1	0.0	6.1	2.4
17	13.5	19.8	16.4	98.1	18.079	15.9	10.5	0.7	11.2	0.9
18	14.5	25.0	19.6	86.7	19.700	17.3	0.0	14.3	14.3	4.1
19	14.1	19.1	17.1	95.5	18.397	16.2	15.3	0.0	15.3	0.0
20	15.0	24.2	18.5	88.2	19.039	16.7	1.9	0.0	1.9	1.3
21	14.5	26.0	20.1	83.2	19.955	17.4	0.0	0.0	0.0	6.0
22	14.5	26.2	20.1	81.0	18.580	16.3	0.0	0.0	0.0	5.8
23	15.5	24.2	19.9	90.9	20.893	18.2	0.0	0.0	0.0	2.1
24	15.0	19.2	15.9	94.3	17.059	15.0	15.3	2.4	17.7	0.3
25	13.6	21.0	16.5	92.3	17.644	15.4	2.6	1.9	4.5	0.9
26	14.0	23.2	18.8	87.8	18.777	16.5	0.0	0.0	0.0	1.7
27	13.6	25.5	20.4	84.8	19.787	17.3	0.0	20.9	20.9	5.7
28	12.6	21.3	17.7	90.3	18.265	16.1	9.6	0.0	9.6	2.2
29	14.6	24.3	18.7	85.6	18.505	16.3	0.5	0.0	0.5	1.9
30	14.2	22.4	18.2	92.0	19.309	16.9	0.3	6.6	6.9	2.0
PROM.	14.7	24.4	19.3	87.4	19.441	17.0	76.9	97.3	174.2	100.7

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	14.2	20.3	17.3	94.9	18.089	16.4	0.9	4.6	5.5	0.3
2	13.5	23.5	18.0	87.6	18.090	15.8	0.4	29.8	30.2	3.3
3	13.5	19.3	17.1	92.6	17.814	15.6	0.1	4.9	5.0	0.3
4	14.0	22.3	17.5	91.7	18.503	16.2	2.2	9.6	11.8	3.5
5	15.0	24.3	19.9	86.2	19.780	17.3	0.0	0.0	0.0	5.0
6	14.5	25.0	20.1	84.8	20.106	17.5	3.1	0.9	4.0	4.7
7	15.1	21.3	17.9	92.6	19.107	16.3	6.8	0.0	6.8	0.6
8	14.5	20.3	17.3	89.4	17.791	15.6	30.8	0.3	31.1	1.5
9	14.5	23.8	17.5	87.1	17.747	15.6	1.6	2.0	3.6	4.6
10	13.5	20.3	18.1	93.2	19.408	17.0	0.0	0.0	0.0	6.8
11	14.2	26.0	19.6	83.1	19.069	16.8	10.4	35.6	46.0	
12	14.5	19.5	16.8	93.1	18.692	16.4	5.6	0.0	5.6	
13	12.0	25.2	18.6	81.3	17.564	15.4	0.0	0.0	0.0	7.2
14	15.0	24.3	18.3	87.0	18.971	16.6	27.2	2.9	30.1	1.7
15	14.0	24.2	18.9	84.2	18.250	16.0	0.7	0.0	0.7	3.0
16	15.8	24.0	19.1	90.4	19.788	17.3	0.0	0.4	0.4	3.6
17	15.5	20.5	17.1	96.3	18.592	16.3	8.7	0.0	8.7	1.0
18	14.3	25.3	19.1	82.6	18.350	16.1	1.0	0.0	1.0	4.4
19	15.0	25.4	19.2	87.4	19.485	17.1	0.0	33.0	33.0	2.7
20	13.3	20.0	17.3	91.9	18.179	16.0	0.0	5.1	5.1	1.3
21	13.6	23.0	18.5	86.0	18.386	16.1	15.7	7.9	23.6	4.2
22	14.6	22.0	17.3	93.5	18.721	16.4	1.1	0.0	1.1	3.4
23	14.4	22.0	17.7	95.5	19.641	17.2	5.2	0.2	5.4	0.7
24	14.0	22.2	18.1	93.3	19.988	17.4	8.9	14.5	23.4	1.4
25	14.2	24.0	18.0	80.5	18.112	15.9	3.7	25.6	29.3	1.3
26	14.5	20.2	17.1	90.9	17.855	15.7	0.7	0.0	0.7	0.3
27	14.4	19.3	16.1	96.2	18.070	15.9	7.9	0.0	7.9	0.2
28	12.6	24.0	17.7	84.1	17.137	15.1	8.5	0.0	8.5	5.8
29	12.2	23.3	18.2	86.6	18.358	16.2	4.3	0.0	4.3	4.8
30	13.2	20.0	18.7	81.9	17.659	15.4	0.3	28.5	28.8	6.9
31	14.4	24.2	18.9	86.6	19.103	16.7	0.3	0.0	0.3	5.6
PROM	14.1	22.8	18.1	89.1	18.616	16.3	156.1	205.8	361.9	

ESTACION: EL JAZMIN MUNICIPIOSTA. ROSA DE C. AÑO: 1.982

ALTITUD: 1.600 LATITUD: 4-55 N. LONGITUD: 75-38 W.

MES - NOVIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	21.3	17.8	94.1	19.359	17.0	2.7	22.3	25.0	1.1
2	14.0	21.2	17.6	90.5	18.324	16.1	0.0	23.0	23.0	0.9
3	13.3	25.0	17.8	86.6	17.695	15.6	0.7	15.3	16.0	5.0
4	14.2	22.3	18.6	89.8	19.542	17.1	0.0	0.0	0.0	1.9
5	14.0	24.0	18.9	82.3	18.225	16.0	0.0	14.0	14.0	3.1
6	13.6	22.4	17.4	83.8	18.132	15.9	9.5	1.2	10.7	2.1
7	15.3	25.5	18.7	83.9	18.643	16.3	7.4	0.0	7.4	3.3
8	14.2	26.0	19.9	83.8	19.733	17.3	0.0	0.0	0.0	5.2
9	16.2	26.0	20.6	85.5	20.560	17.9	0.0	6.9	6.9	6.0
10	15.0	23.8	17.0	93.6	18.391	16.2	0.6	0.0	0.6	2.0
11	12.2	22.0	17.5	90.1	18.145	15.9	8.1	37.9	46.0	1.4
12	14.2	22.3	18.1	90.9	19.122	16.8	0.0	0.0	0.0	2.1
13	14.5	26.4	20.7	82.1	20.080	17.5	0.0	0.0	0.0	9.4
14	14.0	25.5	20.4	84.0	20.219	17.6	0.0	0.0	0.0	5.1
15	14.5	26.2	19.8	86.2	20.132	17.6	0.0	0.0	0.0	6.2
16	16.5	22.8	19.6	91.5	21.018	18.3	0.0	4.3	4.3	0.0
17	15.6	23.8	18.9	91.0	20.401	17.7	2.1	0.0	2.1	1.7
18	15.0	21.3	17.4	95.2	19.183	16.8	4.3	0.0	4.3	0.4
19	14.3	24.0	18.4	88.5	19.292	16.9	13.4	0.0	13.4	4.4
20	15.6	21.0	18.1	92.8	19.297	16.9	1.7	1.4	3.1	0.0
21	14.3	21.4	17.0	89.4	17.564	15.4	0.0	0.0	0.0	1.1
22	13.5	23.3	18.8	86.4	18.863	16.5	0.0	17.0	17.0	6.3
23	14.2	24.5	19.7	87.3	20.146	17.6	0.0	0.0	0.0	4.7
24	15.3	25.3	20.5	80.4	19.377	17.0	0.0	0.2	0.2	4.4
25	15.7	22.6	18.6	88.5	19.161	16.8	0.0	0.0	0.0	1.0
26	14.6	25.3	17.6	85.4	18.073	15.8	0.0	0.0	0.0	5.6
27	12.2	25.0	19.9	75.9	17.434	15.3	43.5	0.0	43.5	8.4
28	13.0	23.3	17.9	85.7	17.965	15.7	0.0	0.0	0.0	5.1
29	13.5	25.4	19.7	81.9	19.048	16.7	0.0	0.0	0.0	7.7
30	13.7	27.2	20.5	76.5	18.115	15.9	0.0	0.0	0.0	8.7
PROM.	14.4	23.9	18.8	87.0	19.041	16.7	94.0	143.5	237.5	114.3

MES - DICIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	26.0	20.7	82.0	20.102	17.5	0.0	0.6	0.6	2.8
2	16.0	25.0	19.0	87.0	19.847	17.3	30.3	0.0	30.3	2.4
3	14.2	25.4	19.8	82.4	19.155	16.8	0.0	0.0	0.0	4.7
4	15.4	22.2	19.0	90.4	20.020	17.5	0.0	0.0	0.0	0.0
5	15.5	24.2	19.4	83.0	18.861	16.5	0.0	0.5	0.5	2.8
6	15.4	25.0	19.8	87.2	20.337	17.8	0.1	0.0	0.1	3.3
7	15.2	24.2	18.5	84.2	18.147	16.0	13.8	0.0	13.8	1.3
8	14.5	24.0	18.8	86.4	18.863	16.5	6.1	1.0	7.1	1.3
9	15.0	19.0	17.0	95.1	18.356	16.1	0.9	0.0	0.9	0.1
10	12.8	24.3	19.1	82.2	18.397	16.1	0.0	0.0	0.0	3.7
11	15.5	25.1	19.7	83.4	19.354	17.0	0.0	0.0	0.0	3.8
12	15.0	25.5	20.2	84.0	19.885	17.3	0.0	3.6	3.6	4.1
13	15.2	24.0	19.3	89.7	20.128	17.6	0.0	0.0	0.0	1.2
14	15.2	26.3	20.8	77.4	18.805	16.5	0.0	0.0	0.0	0.3
15	14.3	27.0	20.5	81.1	19.647	17.1	0.0	9.4	9.4	7.2
16	16.3	24.3	19.6	88.5	20.803	18.0	0.8	0.0	0.8	2.1
17	14.5	24.2	17.6	88.7	18.743	16.4	29.7	0.0	29.7	1.6
18	14.6	21.0	16.7	91.3	17.799	15.6	0.0	0.0	0.0	0.0
19	15.0	27.7	19.7	83.3	19.259	16.9	0.0	0.0	0.0	3.7
20	16.1	27.0	20.1	79.7	18.947	16.6	0.0	1.2	1.2	4.4
21	15.5	25.1	19.4	85.1	19.435	17.0	0.0	23.8	23.8	4.4
22	15.0	24.6	19.2	84.5	19.009	16.7	0.7	0.0	0.7	3.2
23	15.7	26.0	19.8	81.9	19.135	16.8	0.0	0.0	0.0	5.3
24	15.0	25.3	18.7	77.2	17.279	15.0	0.0	0.0	0.0	3.8
25	13.1	26.3	19.5	83.8	19.115	16.7	0.0	0.0	0.0	8.6
26	14.5	26.0	19.8	85.6	19.784	17.1	0.0	0.9	0.9	5.2
27	15.6	22.0	17.6	91.0	18.926	16.5	0.4	0.0	0.4	8.9
28	14.0	24.0	18.7	82.0	17.654	15.4	0.0	0.0	0.0	1.8
29	14.8	21.2	18.0	90.1	18.560	16.2	0.0	0.0	0.0	1.8
30	13.6	27.8	20.2	78.5	18.087	15.9	0.0	0.0	0.0	8.3
31	13.4	28.4	21.2	75.2	18.298	16.0	0.0	0.0	0.0	9.1
PROM	14.9	24.8	19.3	84.6	19.056	16.7	82.8	41.0	123.8	117.2

ESTACION: EL JAZMIN MUNICIPIO STA. ROSA DE C. AÑO: 1.982

ALTITUD: 1.600 LATITUD: 4-55 N. LONGITUD: 75-38 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.3	25.2	19.4	13.7	29.4	85.7	19.179	16.8	379.5	21	135.2
FEBRERO	15.4	24.7	19.8	13.1	28.3	86.4	19.804	17.3	198.6	19	
MARZO	15.2	25.1	19.7	12.5	28.4	86.8	19.836	17.3	152.4	21	
ABRIL	15.0	24.3	18.8	12.8	28.8	89.3	19.490	17.0	409.6	23	85.3
MAYO	14.7	23.2	18.4	12.4	26.8	91.1	19.328	16.9	269.3	27	79.0
JUNIO	14.3	24.5	19.1	12.0	27.2	85.3	19.016	16.7	111.7	18	
JULIO	13.9	24.7	19.6	12.3	27.3	81.9	18.391	16.1	95.1	14	142.8
AGOSTO	15.1	26.7	20.7	12.8	28.8	80.1	19.214	16.8	81.0	7	178.5
SEPTIEMBRE	14.7	24.4	19.3	12.6	28.8	87.4	19.441	17.0	174.2	21	100.7
OCTUBRE	14.1	22.8	18.1	12.0	26.2	89.1	18.616	16.3	361.9	28	
NOVIEMBRE	14.4	23.9	18.8	12.2	27.2	87.0	19.041	16.7	237.5	17	114.3
DICIEMBRE	14.9	24.8	19.3	12.8	28.4	84.6	19.056	16.7	123.8	16	117.2
PROMEDIO	14.8	24.5	19.3	12.6	28.0	2.9	19.201	16.8			
TOTAL									2594.6	232	

ESTACION: EL CEDRAL MUNICIPIO: PEREIRA AÑO: 1.982

ALTITUD: 2.120 LATITUD: 4-47 N. LONGITUD: 75-32 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.0	19.1	13.4	91.4	14.352	12.3	25.9	0.0	25.9	0.8
2	11.2	18.0	13.9	88.8	14.355	12.3	8.4	11.2	19.6	0.2
3	11.6	18.1	14.7	88.5	14.896	12.9	5.6	23.4	29.0	0.0
4	13.0	15.5	14.1	92.5	14.838	12.9	24.5	40.2	64.7	0.2
5	12.6	16.6	14.3	91.2	14.783	12.8	4.0	19.6	23.6	0.0
6	12.0	17.3	14.6	89.6	14.884	12.9	2.6	5.4	8.0	0.1
7	12.2	16.1	14.5	92.0	15.145	13.2	3.1	0.1	3.2	0.0
8	13.0	20.4	16.1	82.1	14.917	12.8	18.0	0.5	18.5	0.0
9	12.0	19.1	15.6	88.4	15.446	13.4	7.3	0.0	7.3	1.8
10	12.2	19.3	14.8	81.4	13.940	11.9	24.8	0.0	24.8	1.5
11	11.0	20.8	15.4	83.7	14.507	12.5	0.0	0.5	0.5	6.3
12	12.2	20.4	16.1	76.2	14.142	12.1	0.1	0.0	0.1	4.8
13	11.0	20.1	15.8	84.1	15.059	12.9	4.7	0.0	4.7	4.9
14	11.5	20.5	16.0	80.0	14.768	12.7	0.0	0.0	0.0	2.2
15	11.4	20.6	15.7	77.0	13.840	11.7	0.2	0.0	0.2	3.6
16	13.0	17.5	15.4	81.8	14.358	12.3	0.0	0.0	0.0	1.8
17	11.3	20.6	15.7	81.2	14.398	12.3	0.0	0.0	0.0	4.2
18	11.2	21.3	16.1	83.0	15.197	13.1	0.0	0.0	0.0	5.5
19	10.6	21.4	15.1	73.8	12.768	10.4	0.0	0.0	0.0	2.1
20	10.6	21.4	16.6	82.2	15.693	13.4	0.0	0.0	0.0	7.7
21	10.4	21.8	16.4	77.4	14.144	12.0	0.0	0.0	0.0	5.4
22	11.0	21.5	16.0	78.3	13.988	11.9	1.1	0.0	1.1	4.4
23	11.0	21.3	16.2	81.7	14.767	12.7	0.0	0.0	0.0	6.2
24	10.6	21.0	15.5	83.3	14.401	12.3	0.0	0.0	0.0	2.5
25	10.2	18.3	14.5	80.6	13.347	11.0	4.1	0.0	4.1	3.8
26	10.0	19.1	14.4	83.5	13.790	11.7	8.8	3.3	12.1	3.0
27	12.0	16.3	13.7	90.4	14.058	12.0	9.3	0.0	9.3	3.2
28	11.0	18.3	14.5	95.4	14.025	11.9	7.6	0.0	7.6	1.9
29	11.3	19.3	15.1	88.1	15.016	13.0	0.0	0.0	0.0	5.1
30	11.6	18.8	14.8	88.4	14.842	12.9	0.4	0.0	0.4	0.5
31	12.0	21.0	14.2	89.4	14.647	12.6	26.6	0.0	26.6	2.0
PROM.	11.5	19.4	15.1	84.4	14.494	12.4	187.1	104.2	291.3	85.7

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	11.4	19.0	14.9	86.6	14.703	12.6	0.5	0.0	0.5	2.6
2	11.0	19.3	14.1	89.3	14.395	12.3	9.4	0.0	9.4	3.7
3	10.0	19.3	14.9	88.2	14.733	12.5	7.0	0.0	7.0	2.5
4	11.3	20.3	15.8	86.7	15.678	13.7	1.6	0.0	1.6	1.6
5	11.0	19.0	14.4	89.2	14.631	12.6	18.0	0.0	18.0	1.8
6	11.4	18.3	14.4	87.9	14.561	12.5	1.8	2.9	4.7	2.6
7	13.0	17.1	14.4	94.9	15.679	13.7	31.3	0.0	31.3	1.6
8	11.0	20.3	15.3	89.3	15.285	13.2	10.0	0.0	10.0	2.2
9	11.2	19.6	15.2	85.0	14.673	12.5	4.9	1.8	6.7	0.6
10	13.1	20.3	16.0	84.7	15.597	13.6	1.3	0.0	1.3	0.2
11	13.4	19.3	14.4	83.9	13.688	11.6	13.6	0.0	13.6	0.0
12	11.2	18.0	14.3	88.5	14.293	12.2	10.9	0.0	10.9	0.8
13	13.0	19.0	15.3	84.8	14.626	12.6	8.7	11.0	19.7	1.3
14	13.0	19.0	15.6	90.1	15.934	14.0	11.2	12.1	23.3	0.2
15	13.0	19.8	14.7	93.2	15.641	13.7	21.0	0.0	21.0	2.0
16	12.3	20.3	14.4	79.4	13.215	11.1	2.3	14.1	16.4	3.2
17	13.0	20.2	17.5	84.0	16.319	14.1	22.9	0.3	23.2	0.3
18	11.2	19.3	15.7	85.4	15.075	13.0	3.7	0.0	3.7	3.2
19	12.5	16.6	14.2	89.4	14.783	12.8	5.7	5.6	11.3	3.3
20	11.0	16.0	14.0	93.7	15.338	13.3	9.1	3.4	12.5	1.8
21	13.0	20.0	15.7	85.6	15.279	13.3	6.4	0.3	6.7	1.7
22	13.3	20.0	16.0	87.0	15.980	14.0	0.5	0.0	0.5	1.3
23	11.0	20.3	15.3	82.7	14.192	12.1	9.9	0.0	9.9	2.4
24	11.4	20.3	16.1	85.5	15.498	13.4	11.6	0.0	11.6	3.0
25	11.6	20.3	16.4	81.9	15.198	13.0	0.3	0.0	0.3	2.1
26	12.3	21.4	16.0	81.8	15.042	13.1	16.9	2.2	19.1	2.8
27	12.2	20.0	16.1	91.7	17.048	15.0	2.8	0.0	2.8	
28	13.3	19.3	15.6	86.2	15.232	13.2	0.4	0.0	0.4	
PROM	12.0	19.3	15.2	87.0	15.083	13.0	243.7	53.7	297.4	

ESTACION: EL CEDRAL MUNICIPIO: PEREIRA AÑO: 1.982

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	12.6	18.2	15.0	91.3	15.495	13.5	21.9	14.6	36.5	0.6
2	13.0	19.2	15.6	88.4	15.645	13.6	5.8	28.9	34.7	1.0
3	13.1	21.3	16.8	83.9	16.075	14.1	0.0	0.2	0.2	4.1
4	12.6	18.3	14.8	90.9	15.246	13.2	30.9	0.0	30.9	0.0
5	12.0	19.5	14.9	88.1	14.871	12.9	0.0	0.0	0.0	0.0
6	11.4	20.0	16.2	86.6	15.776	13.8	0.0	1.3	1.3	2.5
7	12.0	21.0	16.4	83.6	15.213	13.2	0.0	0.0	0.0	1.6
8	11.0	19.3	14.7	84.8	14.512	12.5	8.0	0.0	8.0	2.5
9	13.6	18.3	15.9	85.4	15.659	13.6	20.8	0.6	21.4	4.4
10	12.0	17.0	14.9	84.6	14.225	12.1	0.0	0.0	0.0	3.6
11	11.5	19.0	15.4	89.4	15.511	13.5	0.0	0.0	0.0	2.4
12	12.2	19.0	15.2	91.0	15.677	13.7	0.0	0.0	0.0	0.7
13	10.4	19.3	14.7	85.2	14.252	12.2	2.4	1.7	4.1	1.4
14	10.6	17.2	13.9	94.1	14.839	12.8	35.9	0.0	35.9	3.5
15	9.8	19.3	14.3	86.2	14.097	11.9	26.4	5.1	31.5	2.9
16	10.3	19.1	15.0	89.5	15.370	13.4	20.9	0.0	20.9	3.2
17	11.3	19.6	14.1	89.8	14.557	12.5	0.0	0.0	0.0	1.3
18	11.4	19.3	14.0	80.4	12.624	10.3	4.4	0.0	4.4	1.6
19	10.6	20.0	13.8	91.9	14.376	12.3	29.3	0.0	29.3	2.5
20	11.0	19.3	15.0	95.6	16.653	14.4	23.5	0.0	23.5	1.3
21	11.0	20.3	15.0	89.1	15.269	13.2	0.3	0.0	0.3	0.0
22	12.6	20.4	15.9	89.0	16.216	14.2	17.5	0.0	17.5	3.0
23	11.5	18.6	15.3	91.0	15.815	13.8	26.3	0.0	26.3	1.6
24	12.0	19.1	14.2	88.9	14.671	12.6	11.5	0.0	11.5	7.3
25	12.0	20.3	14.7	87.1	15.000	13.0	0.0	0.0	0.0	3.8
26	14.0	20.2	16.3	84.1	15.442	13.4	0.0	0.0	0.0	0.5
27	11.2	21.3	15.1	84.4	14.441	12.4	47.7	0.0	47.7	0.2
28	12.7	17.8	15.6	91.3	16.200	14.2	4.5	1.1	5.6	0.7
29	12.4	18.8	15.4	96.2	16.651	14.6	0.3	0.0	0.3	4.0
30	11.3	19.2	14.9	95.0	16.257	14.2	12.2	0.0	12.2	0.2
31	11.0	19.3	15.4	86.0	14.818	12.7	0.0	0.0	0.0	2.1
PROM.	11.7	19.3	15.1	88.5	15.208	13.2	350.5	53.5	404.0	64.5

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	12.4	20.3	17.7	82.6	16.785	14.8	0.0	0.0	0.0	1.4
2	12.8	19.3	15.7	88.0	15.710	13.7	0.5	0.0	0.5	0.1
3	12.7	17.2	15.2	95.1	16.372	14.3	10.7	0.0	10.7	0.0
4	12.4	16.0	14.4	97.7	16.061	14.1	13.5	38.0	51.5	0.0
5	11.0	17.0	14.1	95.6	15.325	13.3	0.8	0.1	0.9	0.5
6	12.5	17.3	14.7	94.9	15.700	13.7	32.0	0.0	32.0	0.0
7	12.0	19.6	15.2	88.2	15.450	13.5	0.2	0.0	0.2	2.0
8	12.6	19.1	14.7	94.8	15.725	13.7	33.7	0.0	33.7	1.0
9	13.1	18.8	14.5	92.6	15.578	13.6	6.2	11.0	17.2	0.1
10	12.3	18.1	14.5	95.0	15.821	13.8	8.7	0.4	9.1	0.2
11	10.2	19.0	13.8	96.4	15.128	13.1	2.8	50.0	52.8	3.2
12	11.6	19.0	14.7	87.4	14.406	12.4	2.4	0.0	2.4	1.4
13	11.5	20.0	14.7	84.7	14.158	12.1	0.7	0.0	0.7	3.4
14	11.4	19.6	16.3	86.3	15.880	13.9	0.0	0.9	0.9	4.1
15	11.0	20.6	16.1	87.2	15.808	13.8	0.0	16.2	16.2	5.9
16	12.6	20.1	15.5	91.6	16.288	14.3	8.4	13.0	21.4	3.0
17	12.8	18.6	14.5	95.7	15.906	13.9	6.8	12.8	19.6	0.1
18	13.6	19.1	15.6	92.4	16.477	14.5	4.9	10.0	14.9	0.3
19	12.0	18.9	15.6	89.6	15.752	13.7	19.4	8.0	27.4	1.9
20	13.7	18.8	16.7	91.0	16.970	14.9	1.6	0.0	1.6	0.4
21	12.3	18.3	14.4	91.4	15.133	13.1	4.3	4.5	8.8	3.4
22	11.6	20.3	15.7	89.4	15.995	13.8	4.8	0.1	4.9	0.5
23	12.7	21.4	16.0	93.3	15.118	13.1	2.4	0.0	2.4	1.4
24	12.1	21.6	16.1	92.1	16.768	14.6	15.7	0.0	15.7	2.6
25	11.6	20.8	14.9	89.7	15.279	13.2	7.0	0.0	7.0	2.6
26	12.6	18.6	14.6	94.8	16.307	14.2	0.0	0.0	0.0	0.0
27	12.0	21.0	15.6	88.9	15.812	13.7	39.3	1.6	40.9	2.8
28	13.0	17.8	14.2	90.0	14.727	12.7	16.3	0.0	16.3	0.0
29	12.1	19.3	14.2	92.9	15.362	13.4	54.0	23.0	77.0	1.2
30	12.6	19.3	14.9	93.1	16.119	14.1	0.0	0.0	0.0	2.5
PROM	12.2	19.2	15.2	91.1	15.731	13.7	297.3	189.6	486.9	46.0

ESTACION: EL CEDRAL MUNICIPIO: PEREIRA AÑO: 1.982

ALTITUD: 2.120 LATITUD: 4-47 N. LONGITUD: 75-32 W.

M E S – MAYO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.6	18.6	15.2	85.0	14.824	12.7	19.2	1.2	20.4	0.9
2	12.0	16.0	15.1	89.7	15.088	13.0	41.7	0.0	41.7	0.9
3	12.0	19.3	15.6	93.1	16.361	14.3	12.6	0.4	13.0	3.0
4	13.4	20.2	15.7	93.4	16.521	14.5	6.3	4.0	10.3	0.2
5	12.2	19.1	15.5	90.1	15.910	13.9	2.7	0.0	2.7	0.7
6	12.3	19.3	15.8	88.9	15.722	13.7	0.4	0.2	0.6	0.0
7	13.0	20.3	15.9	91.6	16.447	14.4	3.2	0.0	3.2	1.3
8	14.0	19.1	17.0	91.0	17.776	15.6	0.0	7.6	7.6	1.9
9	12.6	19.3	15.3	93.3	16.297	14.3	13.8	0.0	13.8	0.0
10	13.0	19.1	15.3	92.1	16.080	14.1	0.0	0.0	0.0	0.8
11	10.4	19.1	15.2	93.1	15.758	13.7	17.1	0.0	17.1	2.7
12	12.0	20.2	15.1	88.0	15.388	13.3	0.0	0.0	0.0	1.4
13	12.0	18.0	15.1	84.7	14.642	12.6	0.0	0.0	0.0	0.5
14	12.0	19.2	16.4	71.4	13.521	11.3	0.2	0.0	0.2	0.4
15	13.0	19.0	15.5	91.5	16.265	14.2	0.0	0.0	0.0	0.2
16	12.8	19.2	15.3	86.5	15.112	13.1	0.6	0.0	0.6	1.9
17	12.0	18.8	15.0	83.5	14.072	12.0	14.0	10.5	24.5	1.8
18	12.6	18.0	15.0	94.6	16.072	14.0	4.2	1.3	5.5	1.5
19	13.5	18.1	15.7	93.1	16.792	14.8	8.8	5.3	14.1	0.6
20	12.5	19.3	15.0	93.3	16.164	14.2	8.8	22.5	31.3	0.0
21	13.0	17.4	14.1	92.1	15.049	13.1	29.9	19.1	49.0	0.5
22	13.0	16.1	14.5	96.1	15.899	13.9	13.6	2.1	15.7	0.4
23	13.0	18.0	14.4	91.9	15.154	13.2	20.3	0.0	20.3	0.2
24	12.0	17.4	14.9	91.6	15.523	13.5	1.9	2.6	4.5	1.5
25	13.6	18.0	14.7	90.9	15.278	13.3	1.0	2.1	3.1	0.5
26	13.2	18.8	15.0	91.7	15.811	13.8	6.3	1.2	7.5	0.0
27	13.0	20.0	15.7	90.8	16.388	14.4	4.3	0.0	4.3	1.9
28	12.6	17.1	15.0	90.9	15.307	13.3	1.9	2.6	4.5	0.2
29	13.0	18.1	14.4	93.5	15.452	13.5	2.2	0.0	2.2	1.4
30	12.2	19.6	15.9	90.8	16.217	14.2	0.0	0.0	0.0	3.3
31	13.0	21.3	17.7	70.8	13.861	11.7	0.0	0.0	0.0	4.8
PROM.	12.6	18.7	15.4	89.6	15.637	13.6	235.0	82.7	317.7	35.4

M E S – JUNIO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.0	21.0	16.7	82.5	15.709	13.7	0.0	0.0	0.0	0.9
2	12.5	21.0	17.2	85.7	16.562	14.5	0.0	0.0	0.0	0.5
3	12.4	21.0	16.1	90.5	16.781	14.7	4.8	0.0	4.8	3.8
4	12.3	19.3	15.5	94.1	16.676	14.6	0.7	0.0	0.7	1.8
5	12.0	20.3	15.0	93.0	15.790	13.7	0.6	0.0	0.6	5.0
6	13.1	20.3	15.8	90.5	16.454	14.4	0.4	0.0	0.4	2.0
7	11.6	19.3	14.0	95.3	15.194	13.2	60.5	0.0	60.5	0.0
8	12.3	21.3	15.1	95.4	16.056	14.1	37.2	0.0	37.2	2.2
9	12.2	19.3	15.5	90.7	16.239	14.2	0.5	10.2	10.7	1.2
10	13.3	22.2	17.4	86.9	17.182	15.1	11.0	0.0	11.0	4.8
11	12.0	20.3	15.3	86.7	14.954	12.9	1.0	0.0	1.0	1.1
12	13.0	19.4	15.1	88.9	15.317	13.3	0.8	0.0	0.8	4.2
13	12.2	20.6	15.4	88.3	15.658	13.6	0.0	0.8	0.8	2.5
14	13.5	20.6	16.4	85.0	15.989	14.0	2.4	0.0	2.4	1.6
15	12.0	21.6	16.0	82.9	14.818	12.8	0.0	0.0	0.0	1.2
16	11.4	20.4	16.0	88.4	16.242	14.2	0.3	0.0	0.3	3.4
17	12.5	21.3	16.9	81.6	15.514	13.5	0.0	0.0	0.0	1.6
18	12.4	20.0	15.0	91.0	15.716	13.7	4.9	0.0	4.9	0.7
19	11.4	19.8	15.2	87.9	15.180	13.2	10.1	0.0	10.1	0.3
20	11.3	19.1	15.1	87.3	14.899	12.9	9.1	0.0	9.1	2.5
21	11.0	21.0	16.2	88.3	16.234	14.2	0.0	0.0	0.0	0.2
22	12.0	20.0	15.7	87.7	15.457	13.4	0.0	0.0	0.0	0.1
23	12.0	20.3	15.6	83.8	14.763	12.8	1.3	0.0	1.3	4.0
24	11.4	20.3	15.0	90.6	15.455	13.5	0.0	0.0	0.0	0.8
25	11.4	21.0	15.1	88.9	15.190	13.2	0.0	0.0	0.0	3.9
26	12.0	20.1	15.6	85.1	15.258	13.2	0.0	0.0	0.0	5.8
27	12.4	19.3	15.7	87.9	15.826	13.8	1.4	0.0	1.4	1.6
28	11.4	21.0	16.1	88.2	16.609	14.6	0.0	0.0	0.0	0.0
29	11.3	22.6	17.5	80.1	15.941	13.9	0.0	0.2	0.2	7.7
30	12.0	22.2	16.3	70.9	12.749	10.5	0.0	0.0	0.0	0.2
PROM	12.1	20.5	15.8	87.5	15.680	13.6	147.0	11.2	158.2	65.6

ESTACION: EL CEDRAL MUNICIPIO: PEREIRA AÑO: 1.982

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	14.0	21.0	17.7	79.2	15.951	13.9	0.0	0.0	0.0	4.1
2	12.7	19.3	16.1	88.0	16.419	14.4	0.2	0.0	0.2	1.9
3	11.3	20.3	16.6	85.0	16.228	14.2	5.3	0.1	5.4	0.7
4	11.4	19.0	15.9	86.0	15.676	13.7	1.1	0.0	1.1	2.6
5	13.0	19.0	15.6	86.9	15.598	13.6	0.3	0.0	0.3	2.7
6	10.4	19.4	14.5	87.9	14.566	12.5	0.0	0.0	0.0	0.0
7	12.4	20.3	15.9	85.2	15.196	13.1	0.0	0.0	0.0	2.9
8	12.3	19.3	15.2	85.9	14.862	12.8	8.1	0.0	8.1	2.5
9	11.2	21.3	15.5	87.1	15.184	13.2	0.4	0.0	0.4	3.5
10	12.0	20.6	15.7	78.8	14.209	12.1	0.0	0.0	0.0	3.0
11	11.4	20.0	13.7	91.8	14.352	12.4	21.1	0.0	21.1	7.2
12	12.0	18.0	14.9	89.8	15.380	13.4	15.1	0.4	15.5	0.2
13	11.3	20.5	16.2	73.2	12.890	10.7	0.0	0.0	0.0	1.9
14	11.4	23.3	17.5	78.3	15.111	13.0	0.0	0.0	0.0	8.6
15	11.4	21.5	16.0	81.9	15.047	13.1	0.0	0.0	0.0	4.2
16	12.6	21.4	15.3	76.6	13.360	11.3	0.0	0.0	0.0	7.2
17	11.3	21.6	17.0	81.4	15.374	13.4	0.0	0.0	0.0	0.0
18	12.0	19.3	16.1	89.0	16.497	14.5	0.0	0.0	0.0	0.0
19	11.3	21.0	15.4	86.6	15.226	13.2	0.0	0.0	0.0	0.2
20	12.0	19.3	14.5	84.0	14.074	12.1	0.0	0.0	0.0	1.8
21	10.4	22.1	15.8	78.9	14.332	12.1	0.0	0.0	0.0	8.4
22	12.0	21.7	17.9	80.9	16.382	14.2	0.0	0.0	0.0	5.8
23	14.0	23.0	16.6	69.3	12.760	10.4	0.0	0.0	0.0	5.0
24	11.0	20.4	14.7	85.3	14.765	12.6	0.0	0.0	0.0	0.1
25	12.0	21.0	16.0	84.5	15.498	13.4	0.0	0.0	0.0	0.5
26	12.0	18.1	14.3	89.6	14.885	12.9	0.0	0.0	0.0	0.9
27	12.6	17.1	14.8	92.9	15.575	13.6	7.0	11.6	18.6	0.0
28	13.0	18.1	14.4	92.1	15.307	13.3	7.1	0.0	7.1	0.5
29	11.4	20.0	15.1	86.9	15.054	13.1	0.0	4.2	4.2	2.8
30	12.0	20.6	15.9	77.5	13.769	11.6	0.0	0.0	0.0	5.1
31	12.0	20.4	15.5	79.1	13.937	11.9	0.0	0.0	0.0	2.7
PROM.	11.9	20.3	15.7	83.9	14.950	12.9	65.7	16.3	82.0	87.0

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	11.4	20.5	15.5	73.6	12.836	10.5	0.0	0.0	0.0	0.4
2	13.0	21.3	16.5	80.9	15.089	13.1	0.0	0.0	0.0	4.3
3	12.4	21.3	17.4	72.2	14.138	12.2	0.0	0.0	0.0	0.2
4	11.3	22.0	17.2	70.6	13.301	11.2	0.0	0.0	0.0	6.3
5	10.6	22.0	17.4	68.3	13.016	10.8	0.0	0.0	0.0	6.0
6	11.8	19.0	17.0	86.3	16.295	14.2	0.0	0.0	0.0	0.8
7	12.0	18.0	13.6	86.5	13.679	11.5	4.0	13.6	17.6	7.7
8	13.0	17.4	13.8	93.3	14.934	13.0	9.6	0.0	9.6	9.6
9	10.1	23.2	15.4	76.1	13.275	11.2	0.0	0.0	0.0	8.8
10	12.1	23.1	17.3	85.7	16.794	14.6	0.0	0.0	0.0	4.3
11	12.0	22.5	17.4	67.3	12.525	9.8	0.0	0.0	0.0	6.3
12	12.1	22.6	18.0	72.4	14.334	12.3	0.0	0.0	0.0	2.7
13	12.0	21.0	16.9	72.0	13.836	11.6	0.0	0.0	0.0	4.0
14	12.0	23.1	16.2	80.2	14.612	12.6	0.0	0.0	0.0	1.6
15	13.1	20.0	16.5	77.3	14.393	12.4	0.0	0.4	0.4	5.2
16	13.0	22.0	16.5	80.4	15.050	13.0	0.0	0.0	0.0	2.2
17	11.4	23.6	16.3	73.9	13.604	11.6	0.0	0.0	0.0	7.7
18	12.4	23.0	17.0	68.5	12.792	10.4	0.0	0.0	0.0	3.5
19	13.0	22.2	16.5	73.7	14.772	12.8	0.0	0.0	0.0	3.7
20	14.2	22.0	16.5	71.2	13.266	11.1	0.0	0.0	0.0	0.7
21	12.3	23.0	16.2	73.5	13.644	11.6	0.0	0.0	0.0	3.8
22	12.2	24.0	17.4	68.3	13.356	11.3	0.0	0.0	0.0	9.7
23	12.1	23.1	17.8	79.9	16.326	14.3	0.0	0.0	0.0	3.9
24	13.0	23.6	16.8	71.9	13.347	11.1	0.0	0.0	0.0	4.0
25	12.2	23.1	17.1	77.6	15.036	13.0	0.0	0.0	0.0	3.4
26	12.1	22.0	16.2	83.3	15.133	13.1	15.5	0.0	15.5	3.5
27	12.4	24.0	17.6	70.9	14.019	11.8	0.0	0.0	0.0	5.4
28	13.0	22.1	16.7	74.2	14.393	12.4	0.0	0.0	0.0	0.9
29	12.2	22.4	16.8	75.7	14.420	12.4	0.0	0.0	0.0	9.3
30	11.0	20.4	16.1	79.7	14.475	12.4	0.0	0.0	0.0	2.6
31	12.0	21.0	15.4	83.7	15.078	13.1	0.0	0.0	0.0	2.6
PROM	12.2	21.9	16.5	76.6	14.251	12.1	29.1	14.0	43.1	135.1

ESTACION: EL CEDRAL MUNICIPIO: PEREIRA AÑO: 1.982

ALTITUD: 2.120 LATITUD: 4-47 N. LONGITUD: 75-32 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.0	23.4	17.5	76.8	15.424	13.4	0.0	0.0	0.0	8.9
2	13.0	22.3	17.5	89.5	18.301	16.1	0.0	0.0	0.0	0.0
3	12.6	23.1	16.8	91.2	17.927	15.7	0.0	0.0	0.0	3.7
4	13.6	22.3	17.3	85.1	17.101	14.8	0.0	0.0	0.0	3.6
5	12.0	21.4	15.0	84.9	14.734	12.8	0.0	0.0	0.0	4.2
6	13.0	23.0	16.1	89.4	16.348	14.3	0.0	0.0	0.0	3.1
7	12.2	24.1	18.3	85.9	18.602	16.3	0.0	0.0	0.0	0.6
8	12.2	22.1	16.8	77.9	15.044	13.0	0.0	0.0	0.0	0.0
9	12.0	19.8	14.0	90.9	15.473	13.2	0.2	0.0	0.2	0.0
10	12.7	19.3	15.9	87.4	15.553	13.5	4.4	0.0	4.4	0.0
11	13.3	18.8	16.0	84.2	15.383	13.3	0.0	0.6	0.6	0.0
12	12.2	23.1	16.8	82.8	15.945	13.6	0.0	0.0	0.0	0.0
13	12.4	20.2	16.8	85.1	16.339	14.3	3.7	0.0	3.7	0.0
14	12.4	19.0	14.4	89.5	14.971	13.0	13.5	0.0	13.5	0.0
15	12.0	18.0	15.0	92.2	15.587	13.5	0.8	1.1	1.9	0.0
16	12.6	18.3	14.6	95.8	16.290	14.3	9.4	0.0	9.4	0.0
17	12.2	18.0	14.9	94.8	15.927	13.9	0.6	0.8	1.4	0.0
18	11.6	18.0	14.1	90.3	14.756	12.8	2.2	0.7	2.9	0.0
19	12.0	18.6	14.7	96.1	16.462	14.3	12.9	0.0	12.9	0.0
20	12.0	19.0	15.8	88.3	15.659	13.6	0.6	0.0	0.6	0.0
21	12.3	20.6	16.2	85.2	15.386	13.4	0.0	0.0	0.0	0.0
22	11.3	21.4	15.7	80.4	14.385	12.4	0.0	0.0	0.0	4.4
23	11.3	20.3	16.8	89.2	16.948	14.9	0.0	1.6	1.6	0.0
24	12.0	17.0	14.3	90.7	15.017	13.1	4.6	9.9	14.5	0.0
25	12.8	18.1	14.3	88.9	14.498	12.5	17.3	3.7	21.0	0.0
26	13.0	19.3	15.9	87.7	15.691	13.7	0.0	0.0	0.0	0.0
27	11.4	20.8	15.4	92.4	16.013	13.9	0.2	5.2	5.4	0.0
28	12.4	18.3	14.1	92.5	14.913	12.9	8.0	0.2	8.2	
29	13.0	20.0	15.2	85.3	14.539	12.5	0.0	0.0	0.0	
30	12.6	19.3	15.4	91.1	15.896	13.9	0.0	0.0	0.0	
PROM.	12.3	20.2	15.7	88.1	15.837	13.8	78.4	23.8	102.2	

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	12.1	18.3	14.6	95.4	15.777	13.8	18.6	0.0	18.6	1.3
2	12.0	19.3	14.1	85.9	13.994	12.0	1.1	0.1	1.2	1.5
3	12.5	18.1	14.9	90.1	15.194	13.2	5.5	0.0	5.5	0.0
4	10.6	18.6	14.2	78.9	12.459	10.2	11.5	0.7	12.2	2.5
5	12.4	21.4	15.8	82.5	14.699	12.7	12.3	1.3	13.6	1.9
6	11.3	21.0	16.1	80.7	14.702	12.7	6.2	0.0	6.2	1.9
7	11.4	19.3	14.1	92.1	14.907	12.9	11.7	2.7	14.4	0.6
8	12.3	19.0	14.0	93.7	14.991	13.0	30.0	0.0	30.0	0.2
9	10.3	18.8	13.9	94.8	15.362	13.4	59.8	6.5	66.3	2.2
10	11.2	19.3	13.7	94.7	15.268	13.3	4.9	0.0	4.9	2.0
11	11.0	20.1	14.9	85.2	14.743	12.7	13.5	11.1	24.6	4.0
12	12.0	16.8	13.4	93.3	14.570	12.5	4.3	0.0	4.3	0.6
13	10.0	20.0	13.6	91.7	14.437	12.4	12.4	0.0	12.4	3.1
14	11.6	19.2	14.4	91.8	15.559	13.5	8.9	2.0	10.9	0.9
15	11.3	19.0	13.3	96.2	14.646	12.7	12.0	0.0	12.0	2.3
16	11.4	20.1	14.6	86.3	14.486	12.5	0.0	0.0	0.0	2.3
17	12.2	19.0	14.9	93.6	15.769	13.8	0.0	0.0	0.0	0.7
18	10.4	20.0	13.8	92.3	14.549	12.5	22.0	0.0	22.0	2.6
19	11.1	18.4	14.8	85.3	14.375	12.4	24.8	1.2	26.0	0.7
20	12.4	18.3	14.5	80.8	13.236	11.1	3.2	6.5	9.7	1.2
21	11.0	19.1	13.3	95.6	14.387	12.4	39.6	9.4	49.0	3.4
22	12.8	18.1	15.1	93.1	16.092	14.1	16.0	0.0	16.0	2.7
23	12.7	18.1	14.9	90.5	15.382	13.4	3.0	0.0	3.0	2.0
24	13.0	17.0	15.4	83.5	15.817	13.8	4.6	9.0	13.6	0.0
25	12.4	19.0	15.0	85.4	15.325	13.4	0.0	1.1	1.1	0.3
26	12.4	19.0	14.9	91.5	15.673	13.7	7.3	0.0	7.3	0.7
27	11.0	17.0	13.2	87.4	13.443	11.4	0.0	0.0	0.0	0.2
28	10.1	19.0	14.4	86.3	14.256	12.1	0.6	0.0	0.6	2.6
29	10.3	19.4	14.8	87.2	14.364	12.3	7.2	2.0	9.2	3.7
30	10.0	20.0	13.7	83.6	13.850	11.8	5.1	0.0	5.1	3.9
31	10.0	19.4	13.5	92.6	14.148	12.2	57.9	0.0	57.9	1.8
PROM	11.5	19.0	14.4	89.4	14.731	12.7	404.0	53.6	457.6	53.8

ESTACION: EL CEDRAL MUNICIPIO: PEREIRA AÑO: 1.982

ALTITUD: 2.120 LATITUD: 4-47 N. LONGITUD: 75-32 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1							1.8	13.2	15.0	0.7
2							29.0	10.7	39.7	0.9
3							32.0	37.4	69.4	0.6
4							11.4	0.0	11.4	3.1
5							3.8	1.2	5.0	1.8
6							12.0	0.0	12.0	1.8
7							3.5	0.0	3.5	3.1
8							27.3	0.0	27.3	3.6
9							18.7	0.1	18.8	2.4
10							49.6	0.0	49.6	1.0
11							7.9	2.1	10.0	0.6
12							3.9	0.0	3.9	0.3
13							13.0	0.0	13.0	3.9
14							0.0	0.0	0.0	5.4
15	13.1	22.0	15.8	85.1	15.499	13.5	7.8	0.0	7.8	5.1
16	11.4	18.3	15.1	88.3	15.265	13.2	2.4	0.0	2.4	0.0
17	11.3	20.0	14.8	84.8	14.424	12.4	1.6	0.0	1.6	1.9
18	10.6	18.0	14.1	91.9	15.140	13.2	9.6	0.0	9.6	0.1
19	11.1	20.0	14.1	88.2	14.511	12.5	10.9	0.0	10.9	3.6
20	12.1	18.8	15.0	91.4	15.795	13.8	15.3	3.3	18.6	0.3
21	12.8	18.0	14.7	89.8	15.503	13.5	26.1	0.0	26.1	0.0
22	12.0	18.3	15.2	90.5	15.690	13.7	8.7	2.2	10.9	3.0
23	12.1	19.6	14.8	85.3	14.671	12.7	4.8	0.0	4.8	2.0
24	11.0	20.0	13.9	85.2	13.748	11.7	4.3	0.0	4.3	2.6
25	11.6	18.0	14.5	88.3	14.657	12.6	0.0	0.0	0.0	0.3
26	11.0	19.0	13.1	91.5	13.982	11.9	32.0	0.0	32.0	4.9
27	10.2	20.4	14.7	82.3	13.935	11.9	0.0	14.5	14.5	0.4
28	10.1	20.4	13.2	86.3	13.651	11.5	0.0	0.0	0.0	2.4
29	10.0	20.0	15.0	89.1	15.119	13.1	0.0	0.0	0.0	5.9
30	10.8	20.3	15.3	81.4	14.166	12.1	0.0	0.0	0.0	3.5
PROM.							337.4	84.7	422.1	65.2

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	11.5	20.1	16.2	81.0	15.231	13.2	2.6	0.0	2.6	0.8
2	11.0	19.3	13.8	88.6	14.196	12.2	36.7	0.0	36.7	2.1
3	10.6	20.0	14.2	91.5	15.081	12.9	9.6	0.0	9.6	2.9
4	12.3	18.3	15.5	89.0	15.635	13.6	5.2	19.0	24.2	1.7
5	12.6	19.0	14.6	92.6	15.456	13.5	7.6	1.3	8.9	0.0
6	11.4	18.0	14.7	94.2	16.106	14.0	20.0	0.0	20.0	2.9
7	12.0	20.0	16.5	82.2	15.495	13.3	5.2	0.5	5.7	1.2
8	12.0	18.0	15.0	95.8	16.417	14.4	0.0	0.0	0.0	0.4
9	13.0	18.8	14.6	81.7	13.793	11.8	0.0	0.0	0.0	0.0
10	12.0	18.8	16.2	85.7	15.639	13.6	1.4	0.9	2.3	3.8
11	11.1	20.0	16.4	83.4	15.938	13.8	0.8	0.0	0.8	0.0
12	12.2	18.0	14.5	89.9	15.090	13.0	8.7	0.0	8.7	0.2
13	11.0	19.0	16.0	89.0	16.270	14.1	0.0	0.0	0.0	2.7
14	11.0	20.2	15.5	87.0	15.240	13.2	0.0	0.0	0.0	5.5
15	13.0	20.0	16.3	79.3	14.985	13.0	12.0	0.0	12.0	0.0
16	12.5	20.0	15.2	88.2	15.634	13.6	12.0	0.0	12.0	0.8
17	14.1	20.0	16.0	86.0	15.715	13.7	43.9	0.0	43.9	1.7
18	13.1	18.0	15.0	89.8	15.536	13.5	3.3	0.0	3.3	1.3
19	13.1	21.0	14.3	90.2	14.692	12.7	19.9	8.3	28.2	0.4
20	12.1	19.1	14.6	85.1	14.153	12.1	12.0	0.2	12.2	1.2
21	11.0	18.4	14.5	89.6	14.950	12.9	10.2	2.1	12.3	2.6
22	11.3	18.8	15.6	89.3	15.744	13.7	9.4	3.0	12.4	1.9
23	11.4	19.0	14.5	88.6	14.605	12.6	0.0	0.0	0.0	2.9
24	11.0	20.0	14.5	76.3	12.764	10.5	46.8	0.0	46.8	2.9
25	10.0	19.3	15.2	82.4	14.133	12.0	0.8	0.0	0.8	2.2
26	10.0	20.3	15.2	83.2	14.356	12.2	0.0	17.1	17.1	4.3
27	12.6	18.0	14.2	88.5	14.510	12.5	41.7	0.0	41.7	2.0
28	12.1	19.1	15.7	87.6	15.406	13.4	0.0	0.0	0.0	0.5
29	10.0	18.1	15.0	84.6	14.300	12.2	0.3	0.0	0.3	0.6
30	10.5	20.0	15.9	82.0	14.534	12.5	0.3	0.0	0.3	1.6
31	10.6	21.0	16.3	91.4	17.040	14.9	0.0	3.6	3.6	4.0
PROM	11.7	19.3	15.2	86.9	15.118	13.1	310.4	56.0	366.4	55.1

ESTACION: EL CEDRAL MUNICIPIO PEREIRA AÑO: 1.982

ALTITUD: 2.120 LATITUD: 4-47 N. LONGITUD: 75-32 W.

MESES	TEMPERATURA oC					Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	11.5	19.4	15.1	10.0	21.8	84.4	14.494	12.4	291.3	21	85.7
FEBRERO	12.0	19.3	15.2	10.0	21.4	87.0	15.083	13.0	297.4	28	
MARZO	11.7	19.3	15.1	9.8	21.3	88.5	15.208	13.2	404.0	22	64.5
ABRIL	12.2	19.2	15.2	10.2	21.6	91.1	15.731	13.7	486.9	27	46.0
MAYO	12.6	18.7	15.4	10.4	21.3	89.6	15.637	13.6	317.7	25	35.4
JUNIO	12.1	20.5	15.8	11.0	22.6	87.5	15.680	13.6	158.2	19	65.6
JULIO	11.9	20.3	15.7	10.4	23.3	83.9	14.950	12.9	82.0	11	87.0
AGOSTO	12.2	21.9	16.5	10.1	24.0	76.6	14.251	12.1	43.1	4	135.1
SEPTIEMBRE	12.3	20.2	15.7	11.3	24.1	88.1	15.837	13.8	102.2	16	
OCTUBRE	11.5	19.0	14.4	10.0	21.4	89.4	14.731	12.7	457.6	28	53.8
NOVIEMBRE									422.1	25	65.2
DICIEMBRE	11.7	19.3	15.2	10.0	21.0	86.9	15.118	13.1	366.4	25	55.1
PROMEDIO											
TOTAL									3428.9	251	

ESTACION: LA JOYA MUNICIPIO: PEREIRA AÑO: 1.982

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

M E S - ENERO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	25.3	18.8	94.7	20.962	18.2	9.7	0.0	9.7	1.3
2	16.3	28.0	21.1	82.7	20.406	17.8	0.0	29.5	29.5	2.8
3	16.6	26.3	20.3	85.0	20.230	17.7	2.5	20.3	22.8	2.3
4	17.6	24.6	19.6	89.7	20.706	18.0	10.0	7.8	17.8	1.0
5	17.3	27.1	19.7	86.2	19.866	17.4	37.5	11.6	49.1	4.5
6	16.6	27.6	21.2	78.7	19.396	17.0	0.1	11.3	11.4	6.8
7	17.6	27.1	21.0	83.9	20.627	18.0	13.3	15.2	28.5	4.0
8	17.6	27.3	21.2	80.0	19.721	17.3	1.6	0.0	1.6	5.2
9	17.6	25.4	20.3	90.4	21.730	18.8	0.7	0.0	0.7	3.6
10	16.6	27.1	20.9	81.8	20.116	17.6	0.0	0.0	0.0	2.7
11	15.6	29.3	22.8	77.5	20.797	18.1	0.0	0.0	0.0	8.2
12	16.0	30.0	22.4	75.0	19.600	17.2	0.0	0.0	0.0	7.3
13	16.6	29.0	21.8	80.7	20.444	17.8	0.0	0.0	0.0	5.7
14	16.3	28.4	22.0	79.6	20.695	18.0	0.0	18.0	18.0	6.5
15	17.0	29.3	22.0	81.9	21.310	18.5	0.0	0.0	0.0	6.0
16	18.0	29.3	22.0	78.7	20.662	18.0	0.0	0.0	0.0	7.9
17	18.0	29.9	22.2	78.6	20.793	18.1	0.0	0.0	0.0	7.5
18	16.0	30.0	22.1	80.4	20.867	18.1	0.0	0.0	0.0	7.9
19	16.0	30.0	22.1	74.5	19.008	16.7	0.0	0.0	0.0	8.1
20	15.6	30.0	22.8	75.3	19.927	17.4	0.0	0.0	0.0	8.7
21	15.6	30.6	23.1	75.3	20.126	17.5	0.0	0.0	0.0	8.6
22	17.3	30.6	23.2	71.0	19.162	16.8	0.0	1.9	1.9	7.6
23	17.0	30.0	22.6	76.5	20.477	17.8	0.0	0.0	0.0	7.8
24	16.0	30.0	22.0	75.6	19.397	17.0	0.0	0.0	0.0	5.8
25	17.6	28.0	22.0	76.2	19.825	17.4	0.0	3.2	3.2	3.7
26	17.3	29.0	21.7	78.1	19.841	17.3	0.0	0.0	0.0	7.1
27	17.6	27.2	20.3	83.2	19.548	17.1	0.5	0.0	0.5	3.2
28	15.6	31.0	20.8	82.8	20.039	17.5	0.0	8.8	8.8	8.3
29	17.1	28.8	21.1	82.0	20.154	17.5	1.0	0.0	1.0	5.6
30	17.0	27.1	21.9	79.1	20.273	17.7	0.0	0.0	0.0	3.4
31	16.5	27.8	21.3	82.9	20.739	18.0	0.9	0.0	0.9	3.9
PROM.	16.8	28.4	21.5	80.6	20.240	17.7	77.8	127.6	205.4	173.0

M E S - FEBRERO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	28.0	21.0	79.5	19.489	17.1	0.0	0.0	0.0	3.8
2	16.6	27.0	21.5	81.7	20.490	17.8	0.0	0.0	0.0	1.6
3	16.6	29.6	23.2	74.7	20.336	17.7	0.0	0.0	0.0	7.1
4	16.6	29.1	22.7	78.0	20.753	18.1	0.0	0.0	0.0	7.3
5	17.8	27.0	21.0	83.6	20.857	18.2	2.8	0.0	2.8	1.6
6	17.0	27.3	21.4	82.4	20.879	18.1	14.7	0.2	14.9	3.0
7	18.0	28.7	21.0	83.0	20.776	18.1	2.4	0.0	2.4	4.7
8	15.4	28.3	22.4	79.1	20.973	18.2	0.0	0.0	0.0	3.5
9	16.6	29.3	22.9	73.7	19.851	17.4	0.0	0.7	0.7	4.3
10	18.6	27.4	23.0	80.9	22.391	19.3	0.0	0.0	0.0	2.0
11	18.0	29.6	22.5	79.5	21.490	18.6	0.0	0.0	0.0	5.8
12	16.3	28.0	21.3	82.2	20.749	18.1	12.2	1.6	13.8	1.8
13	16.0	29.6	22.5	76.7	20.220	17.7	0.0	0.3	0.3	5.7
14	18.6	29.3	21.6	80.9	20.696	18.0	0.0	0.0	0.0	4.0
15	17.0	26.0	21.6	85.8	21.881	18.9	0.0	0.0	0.0	1.3
16	16.6	28.8	22.3	75.4	19.880	17.4	0.0	0.2	0.2	6.4
17	17.4	28.3	22.4	75.0	19.903	17.4	0.0	0.0	0.0	5.7
18	16.4	30.0	21.4	78.8	19.482	17.1	0.0	5.3	5.3	7.6
19	17.0	27.3	20.7	80.8	19.475	17.0	1.8	5.5	7.3	1.1
20	17.0	24.5	21.6	80.8	20.322	17.7	0.0	10.1	10.1	0.5
21	17.0	29.3	21.9	73.8	18.606	16.3	0.0	0.0	0.0	8.4
22	17.3	29.1	22.5	77.8	20.640	17.9	0.0	0.0	0.0	4.9
23	17.6	29.9	22.5	75.1	20.237	17.7	0.0	0.0	0.0	4.4
24	15.4	28.0	21.7	81.0	20.385	17.8	0.0	0.0	0.0	0.8
25	17.0	31.0	23.9	71.2	19.957	17.5	0.0	0.0	0.0	6.3
26	18.6	27.0	22.9	82.6	22.668	19.5	0.0	0.0	0.0	0.6
27	17.6	29.1	22.2	76.4	20.240	17.7	0.0	0.0	0.0	1.9
28	17.6	29.2	23.2	75.4	20.510	17.9	0.0	1.7	1.7	3.0
PROM	17.1	23.4	22.1	78.9	20.515	17.9	33.9	25.6	59.5	109.1

ESTACION: LA JOYA MUNICIPIO: PEREIRA AÑO: 1.982

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

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.4	26.3	21.5	84.2	21.571	18.7	0.0	0.0	0.0	1.4
2	18.0	30.0	21.3	83.6	21.056	18.3	3.9	5.0	8.9	4.6
3	17.7	31.4	23.4	74.8	20.604	18.0	0.0	13.9	13.9	9.2
4	18.6	26.3	20.5	88.3	21.717	18.8	19.8	0.4	20.2	0.7
5	17.6	28.8	22.0	81.3	21.100	18.4	0.0	0.0	0.0	4.7
6	17.4	28.3	22.6	83.1	22.489	19.3	0.0	6.0	6.0	5.0
7	17.4	31.6	22.4	77.7	20.364	17.8	0.0	0.0	0.0	8.9
8	17.6	31.0	21.1	78.0	19.204	16.8	12.6	1.4	14.0	6.4
9	14.6	28.4	21.5	75.7	18.674	16.4	0.0	0.0	0.0	6.6
10	16.0	29.3	21.9	77.8	19.681	17.2	0.0	0.0	0.0	8.1
11	18.0	28.0	21.1	85.6	21.663	18.8	19.5	0.0	19.5	2.4
12	18.4	28.3	22.2	84.3	22.388	19.3	0.3	0.0	0.3	5.2
13	16.6	30.3	21.5	79.8	19.783	17.2	1.8	11.8	13.6	7.1
14	17.6	26.2	21.2	88.1	22.115	19.1	0.0	0.0	0.0	0.5
15	16.5	29.4	23.0	76.9	21.107	18.4	0.0	7.0	7.0	5.0
16	17.5	28.4	22.8	79.1	21.585	18.7	0.0	0.0	0.0	5.4
17	18.3	29.3	22.4	79.4	21.353	18.5	0.0	2.7	2.7	6.2
18	17.4	28.8	20.3	89.5	21.687	18.8	33.6	0.0	33.6	3.2
19	16.0	28.8	21.6	82.5	20.917	18.2	4.7	2.4	7.1	4.1
20	17.0	29.4	22.1	80.1	21.118	18.4	0.0	0.0	0.0	6.1
21	15.6	30.3	22.8	74.2	19.813	17.4	0.0	0.0	0.0	8.4
22	17.6	32.0	24.0	74.1	21.403	18.6	0.0	0.0	0.0	7.6
23	17.6	30.2	22.2	82.3	21.762	18.8	0.0	1.6	1.6	4.4
24	17.6	28.8	21.8	82.6	21.515	18.6	3.3	0.0	3.3	4.1
25	17.4	31.4	23.4	74.5	20.728	18.0	0.0	0.8	0.8	6.3
26	18.6	25.4	21.0	93.5	23.468	20.0	1.8	0.0	1.8	0.0
27	16.0	30.0	22.2	78.8	20.388	17.8	0.0	1.0	1.0	7.5
28	17.0	27.4	21.6	81.6	20.750	18.1	0.0	0.6	0.6	3.6
29	16.6	28.0	23.1	82.7	22.822	19.5	0.0	4.2	4.2	3.1
30	16.0	29.0	21.7	81.7	20.945	18.2	0.7	0.2	0.9	3.8
31	16.0	26.0	22.8	77.9	20.810	18.1	0.0	0.3	0.3	3.2
PROM.	17.2	28.9	22.0	81.1	21.115	18.3	102.0	59.3	161.3	152.8

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	28.0	22.6	80.2	21.820	18.9	0.0	0.0	0.0	1.2
2	18.0	28.0	22.1	82.9	21.995	19.0	0.0	0.0	0.0	0.5
3	18.0	25.0	21.7	89.1	23.037	19.7	0.0	3.9	3.9	0.2
4	19.0	25.0	20.7	91.4	22.790	19.6	14.3	1.5	15.8	0.3
5	18.0	28.0	22.1	82.6	21.649	18.8	0.0	7.9	7.9	2.7
6	18.0	28.0	21.0	84.6	21.054	18.3	0.2	0.0	0.2	2.8
7	17.4	28.3	21.2	84.1	21.078	18.3	0.0	19.5	19.5	4.4
8	17.0	25.0	19.9	93.8	21.610	18.7	1.9	0.0	1.9	0.3
9	18.0	28.0	20.9	84.0	20.947	18.2	1.0	2.0	3.0	2.2
10	17.4	27.1	20.9	84.2	20.779	18.1	1.2	2.0	3.2	1.6
11	14.6	29.6	22.2	81.7	21.608	18.7	0.0	19.4	19.4	6.5
12	17.0	28.0	21.3	80.1	20.050	17.5	0.0	0.0	0.0	3.6
13	14.6	28.8	21.7	74.0	18.423	16.2	0.0	0.0	0.0	8.7
14	16.3	29.3	22.1	76.2	19.704	17.3	0.0	0.0	0.0	5.8
15	16.3	30.3	23.0	75.5	20.372	17.8	0.0	0.0	0.0	9.3
16	18.3	29.3	23.1	75.0	20.560	17.9	0.0	29.0	29.0	6.9
17	17.1	27.0	20.5	85.2	20.443	17.8	2.7	3.0	5.7	3.0
18	18.0	27.3	22.1	80.0	20.753	18.1	0.6	1.2	1.8	5.9
19	16.8	29.4	23.2	76.8	21.379	18.5	0.0	10.0	10.0	9.0
20	18.6	29.3	22.5	81.6	22.113	19.1	0.0	0.0	0.0	5.4
21	18.6	26.3	21.9	88.9	23.416	20.0	1.7	0.0	1.7	0.7
22	15.6	29.4	22.1	82.5	21.491	18.6	0.0	0.0	0.0	6.7
23	16.0	25.0	20.4	89.4	21.978	19.0	3.9	4.8	8.7	3.2
24	16.0	28.1	22.4	84.4	22.621	19.4	0.0	0.0	0.0	5.8
25	16.0	30.1	23.5	76.7	21.724	18.8	0.0	0.0	0.0	6.1
26	18.0	28.8	21.8	83.4	22.221	19.2	0.0	0.0	0.0	3.7
27	14.6	28.3	22.4	78.9	20.589	17.9	0.0	8.1	8.1	5.3
28	18.3	24.0	19.9	92.8	21.926	18.9	5.9	0.3	6.2	0.0
29	17.0	28.0	21.1	81.4	20.063	17.5	0.0	2.9	2.9	5.4
30	16.4	28.0	21.0	80.9	20.147	17.6	0.0	1.0	1.0	5.6
PROM	17.0	27.8	21.7	82.7	21.278	18.4	33.4	116.5	149.9	122.8

ESTACION: LA JOYA MUNICIPIO: PEREIRA AÑO: 1.982

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.6	27.1	21.4	85.7	21.670	18.8	0.0	6.9	6.9	3.2
2	17.0	27.8	20.8	89.0	22.030	19.0	2.0	0.0	2.0	2.6
3	16.4	27.5	22.0	85.3	22.805	19.6	3.7	12.1	15.8	6.3
4	17.0	29.3	21.0	84.3	21.122	18.4	9.3	6.8	16.1	4.6
5	17.0	27.6	22.8	83.8	22.701	19.5	0.0	0.0	0.0	2.8
6	16.4	28.2	22.6	79.3	21.317	18.5	0.0	5.9	5.9	0.7
7	18.0	29.0	21.9	89.8	23.571	20.1	0.6	1.5	2.1	4.9
8	19.0	26.3	21.7	91.1	23.815	20.3	0.0	4.0	4.0	0.1
9	17.4	26.4	21.1	86.7	21.799	18.9	0.9	0.0	0.9	2.4
10	18.0	28.2	22.6	83.0	22.884	19.6	0.0	0.0	0.0	2.1
11	16.4	27.0	22.0	80.3	20.395	17.7	0.0	1.0	1.0	6.0
12	16.0	28.3	22.0	79.0	20.385	17.7	0.0	0.0	0.0	8.4
13	18.0	29.3	22.3	82.1	22.247	19.2	2.9	0.0	2.9	2.6
14	17.0	28.0	21.0	83.4	20.840	18.1	19.5	0.0	19.5	3.3
15	17.0	28.6	21.2	85.1	21.377	18.5	3.3	0.0	3.3	2.0
16	16.6	26.6	20.8	94.5	20.542	17.9	0.0	0.0	0.0	
17	16.0	29.4	21.4	83.4	21.089	18.3	7.6	81.5	89.1	5.0
18	18.0	26.3	21.9	86.8	22.703	19.5	1.0	18.6	19.6	1.8
19	18.0	27.8	21.5	84.1	21.828	18.9	34.0	0.0	34.0	2.4
20	18.0	27.3	21.5	84.2	21.250	18.4	0.0	19.5	19.5	1.8
21	17.0	27.0	20.6	82.3	20.010	17.5	15.9	3.3	19.2	0.7
22	18.0	26.4	20.6	86.1	20.993	18.3	1.6	0.7	2.3	1.9
23	17.7	28.0	21.1	85.1	21.248	18.5	0.6	6.0	6.6	5.2
24	17.4	28.5	21.5	83.4	21.663	18.8	0.0	0.0	0.0	3.8
25	18.0	26.4	20.3	84.7	20.357	17.8	12.1	7.6	19.7	1.5
26	18.0	28.0	21.1	83.6	20.609	17.9	0.5	1.1	1.6	4.1
27	18.6	28.0	21.3	91.3	23.197	19.9	0.6	0.0	0.6	5.0
28	19.0	25.4	21.0	86.5	21.677	18.8	4.3	0.1	4.4	0.2
29	18.0	25.6	19.5	97.6	22.000	19.0	0.0	3.0	3.0	
30	15.1	28.6	21.7	82.2	20.945	18.2	0.0	0.0	0.0	4.9
31	18.0	28.6	21.8	82.6	22.125	19.1	0.0	0.0	0.0	3.6
PROM.	17.4	27.6	21.4	85.0	21.651	18.7	120.4	179.6	300.0	

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	28.3	21.7	81.3	20.538	17.8	0.0	0.0	0.0	5.8
2	17.0	29.3	21.8	84.2	21.637	18.8	0.0	0.0	0.0	2.6
3	18.0	28.8	22.3	80.7	21.507	18.7	0.0	5.2	5.2	5.3
4	18.4	28.0	22.0	81.2	21.423	18.6	2.0	0.0	2.0	0.5
5	17.6	26.3	21.3	85.8	21.602	18.7	3.6	0.0	3.6	3.4
6	18.0	26.0	21.2	90.4	22.943	19.6	0.0	0.0	0.0	1.5
7	17.3	27.8	22.1	81.0	21.215	18.4	0.0	0.0	0.0	3.1
8	17.3	29.3	21.9	82.3	21.112	18.3	0.0	0.0	0.0	5.2
9	17.0	28.8	22.4	77.2	20.118	17.5	0.0	11.3	11.3	5.2
10	17.0	29.0	22.1	80.9	20.931	18.2	0.0	2.6	2.6	7.4
11	17.6	29.3	22.4	78.4	21.107	18.4	0.0	0.0	0.0	6.1
12	18.4	28.0	22.1	79.4	21.003	18.3	0.3	0.0	0.3	5.0
13	16.0	28.2	21.9	82.0	21.440	18.6	0.0	38.6	38.6	3.9
14	16.3	28.3	21.4	84.4	21.317	18.5	0.0	0.0	0.0	3.9
15	16.0	29.0	22.7	78.0	20.840	18.2	0.0	0.3	0.3	5.9
16	16.0	28.3	21.6	83.3	21.370	18.5	2.8	0.0	2.8	4.1
17	17.0	27.4	21.5	83.1	21.109	18.4	1.0	0.2	1.2	3.3
18	16.7	27.0	21.3	87.9	22.332	19.2	0.0	0.0	0.0	3.5
19	16.4	27.3	20.4	84.0	20.386	17.8	1.6	0.0	1.6	3.4
20	14.4	26.4	21.2	85.4	20.988	18.1	0.1	0.0	0.1	2.3
21	17.4	27.0	21.5	85.0	21.468	18.6	0.0	0.2	0.2	0.7
22	17.0	29.3	21.9	81.2	20.923	18.2	0.0	0.0	0.0	6.9
23	15.4	28.3	22.1	84.4	22.233	19.2	0.0	0.0	0.0	4.5
24	16.6	27.0	21.2	86.2	21.431	18.6	0.0	0.0	0.0	1.4
25	17.0	29.3	21.8	85.9	22.148	19.1	0.0	0.0	0.0	4.9
26	18.0	28.6	22.3	80.6	21.312	18.5	0.0	0.0	0.0	5.1
27	17.4	27.3	21.8	83.2	21.301	18.5	0.0	0.0	0.0	3.2
28	18.0	28.4	21.5	79.5	20.296	17.7	0.0	0.0	0.0	5.9
29	15.0	30.3	22.5	78.4	20.642	18.0	0.0	0.0	0.0	8.0
30	16.3	31.2	23.7	65.3	17.814	15.5	0.0	0.0	0.0	7.0
PROM	16.9	28.3	21.9	82.0	21.150	18.4	11.4	58.4	69.8	129.0

ESTACION: LA JOYA MUNICIPIO: PEREIRA AÑO: 1.982

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

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	31.1	21.9	84.0	22.120	19.1	0.0	0.0	0.0	4.6
2	16.0	29.1	21.9	82.0	21.021	18.2	5.0	0.0	5.0	3.6
3	16.0	29.0	22.1	80.3	20.887	18.1	5.0	0.0	5.0	5.8
4	16.3	27.4	21.9	82.6	21.266	18.4	0.0	11.2	11.2	3.0
5	17.3	28.8	21.7	82.1	21.198	18.4	0.0	0.0	0.0	6.0
6	15.4	27.3	21.1	84.0	20.916	18.2	0.0	0.0	0.0	3.7
7	18.0	28.3	22.0	80.2	20.875	18.2	0.0	0.1	0.1	4.7
8	16.4	28.0	20.5	85.7	20.599	17.9	0.5	0.0	0.5	3.6
9	15.6	30.0	22.1	74.9	19.442	17.0	3.6	0.0	3.6	7.6
10	16.0	29.3	22.2	80.8	20.869	18.1	0.0	0.0	0.0	5.3
11	16.3	27.8	20.4	86.1	20.577	17.9	0.0	10.3	10.3	3.4
12	18.0	26.0	21.3	84.2	21.352	18.5	1.7	2.4	4.1	0.4
13	18.0	29.0	22.4	82.0	21.764	18.8	0.0	0.0	0.0	6.9
14	16.0	31.8	23.4	72.6	19.932	17.4	0.0	0.0	0.0	8.7
15	14.9	30.3	22.3	77.4	20.357	17.8	0.0	0.0	0.0	7.2
16	16.0	29.3	21.8	78.9	20.187	17.6	0.0	0.0	0.0	3.3
17	14.6	29.6	21.9	76.4	19.282	16.9	0.0	0.0	0.0	6.3
18	16.0	27.0	21.7	83.0	21.890	18.9	0.0	0.0	0.0	0.0
19	17.0	27.3	21.8	82.3	21.052	18.3	0.0	0.6	0.6	0.2
20	16.0	27.0	21.4	78.4	19.583	17.1	1.6	0.0	1.6	3.7
21	14.6	30.0	22.8	71.1	18.607	16.3	0.0	0.0	0.0	7.0
22	14.0	29.3	22.4	73.0	18.996	16.7	0.0	0.0	0.0	7.1
23	15.6	30.1	23.1	64.1	17.004	14.7	0.0	0.0	0.0	5.0
24	13.0	30.2	22.0	71.1	17.503	15.3	0.0	0.0	0.0	6.4
25	14.4	28.3	22.1	75.7	19.213	16.8	0.0	0.0	0.0	4.5
26	15.0	24.8	19.6	91.6	20.796	18.1	14.7	0.0	14.7	1.8
27	17.6	26.0	20.2	90.1	21.346	18.5	6.7	38.1	44.8	2.1
28	17.3	27.3	21.1	84.7	20.712	18.1	0.0	1.9	1.9	4.3
29	18.3	27.0	20.4	85.8	20.797	18.1	7.2	0.3	7.5	4.9
30	16.6	28.2	20.5	78.2	18.929	16.6	0.0	0.0	0.0	5.9
31	15.0	30.4	22.9	74.9	20.112	17.5	0.0	0.0	0.0	7.8
PROM.	16.0	28.5	21.7	79.9	20.296	17.7	46.0	64.9	110.9	144.8

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.6	29.0	21.7	73.1	18.076	15.9	0.0	0.0	0.0	6.4
2	16.6	28.3	21.4	80.7	20.447	17.8	0.0	0.0	0.0	6.1
3	15.0	30.0	23.1	70.4	18.557	16.2	0.0	0.1	0.1	7.4
4	14.0	30.0	22.3	70.4	17.733	15.5	0.0	0.0	0.0	8.6
5	14.0	30.0	22.7	71.5	18.666	16.4	0.0	0.0	0.0	8.0
6	15.0	26.0	21.0	79.3	19.186	16.8	0.0	0.0	0.0	2.5
7	16.0	26.3	20.6	84.2	20.797	18.1	5.4	1.7	7.1	0.8
8	17.3	27.0	20.8	81.3	19.903	17.4	0.0	0.0	0.0	2.2
9	14.8	30.0	22.7	71.0	18.449	16.2	0.0	0.0	0.0	8.9
10	15.0	29.3	22.5	74.9	19.404	17.0	0.0	0.0	0.0	6.1
11	14.6	31.0	24.5	54.8	15.218	12.7	0.0	0.0	0.0	8.4
12	15.0	31.0	23.9	60.1	16.414	14.3	0.0	0.0	0.0	7.5
13	13.0	30.0	21.9	76.7	19.178	16.8	0.0	0.0	0.0	4.4
14	15.0	29.0	23.0	81.5	21.915	18.8	0.0	0.0	0.0	6.4
15	18.0	31.0	24.4	69.7	20.274	17.7	0.0	0.0	0.0	8.3
16	17.0	30.0	22.9	70.2	18.626	16.3	0.0	0.0	0.0	3.1
17	14.6	31.0	23.0	72.7	19.117	16.8	0.0	0.0	0.0	6.1
18	16.0	29.0	22.9	77.8	21.332	18.5	1.1	0.0	1.1	4.2
19	15.6	31.0	23.5	66.6	18.191	15.9	0.0	0.0	0.0	5.6
20	17.0	30.0	24.1	63.7	18.192	15.9	0.0	0.0	0.0	0.6
21	15.0	28.4	21.0	85.6	20.723	18.0	2.8	0.0	2.8	3.2
22	14.8	28.0	23.8	70.8	20.349	17.7	0.0	0.0	0.0	9.1
23	16.0	32.0	23.4	72.6	19.714	17.3	0.0	0.0	0.0	6.9
24	15.4	31.0	22.7	75.4	20.181	17.7	0.0	0.0	0.0	5.0
25	15.6	31.0	23.5	70.5	19.364	17.0	0.0	0.0	0.0	5.3
26	14.0	30.8	22.2	75.2	18.915	16.5	0.0	0.0	0.0	5.9
27	14.9	31.0	23.8	63.9	19.083	16.7	0.0	0.0	0.0	3.4
28	16.6	31.0	23.5	70.5	19.401	17.0	0.0	0.0	0.0	0.4
29	14.6	32.0	23.6	69.5	18.957	16.6	0.0	0.0	0.0	7.3
30	16.0	29.0	21.5	80.6	20.532	17.9	0.2	0.0	0.2	3.0
31	14.8	29.0	20.5	77.2	18.593	16.3	0.0	0.0	0.0	4.0
PROM	15.3	29.7	22.7	73.2	19.209	16.8	9.5	1.8	11.3	165.1

ESTACION: LA JOYA MUNICIPIO: PEREIRA AÑO: 1.982

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	31.3	23.8	63.6	19.019	16.7	0.0	0.0	0.0	7.4
2	17.0	32.0	24.5	67.4	19.893	17.4	0.0	0.0	0.0	3.9
3	14.6	30.0	22.2	74.8	19.032	16.7	0.0	0.0	0.0	5.0
4	16.0	29.0	21.8	79.7	20.121	17.5	1.3	0.0	1.3	2.3
5	15.6	31.4	24.6	64.4	18.387	15.9	0.0	0.0	0.0	0.0
6	14.4	32.0	22.5	72.3	18.531	16.3	0.7	0.0	0.7	3.2
7	13.6	32.0	21.7	76.9	19.149	16.8	3.0	0.0	3.0	1.7
8	16.0	30.0	23.1	71.8	19.083	16.8	0.0	0.0	0.0	4.9
9	17.0	28.3	21.6	81.2	20.767	18.1	0.5	0.0	0.5	0.5
10	16.0	28.0	20.8	83.0	20.554	17.9	0.3	14.4	14.7	0.9
11	17.4	28.0	21.3	81.4	20.399	17.8	0.0	0.0	0.0	4.4
12	15.6	30.0	21.9	79.6	20.540	17.9	2.3	0.0	2.3	7.1
13	17.0	29.0	22.1	79.4	20.688	18.0	0.0	1.8	1.8	7.1
14	18.0	28.4	21.5	79.8	20.005	17.5	0.0	0.0	0.0	3.4
15	18.0	25.0	19.9	92.8	21.398	18.6	8.2	10.0	18.2	0.5
16	17.0	27.6	20.9	84.3	20.992	18.3	7.4	1.4	8.8	3.0
17	17.0	24.0	19.9	92.7	21.222	18.4	1.2	6.6	7.8	1.1
18	17.0	28.8	22.3	78.4	20.565	17.9	0.0	8.0	8.0	5.1
19	17.0	23.3	19.4	92.3	20.819	18.1	21.6	0.0	21.6	0.3
20	16.6	27.3	20.1	85.1	20.328	17.8	3.7	0.0	3.7	3.0
21	15.0	29.0	22.4	78.7	20.848	18.2	0.0	0.0	0.0	6.6
22	14.0	29.0	21.9	80.8	20.553	17.9	0.0	0.0	0.0	4.9
23	15.0	28.0	22.4	75.8	20.084	17.6	10.2	3.0	13.2	3.0
24	17.6	23.3	18.9	87.1	19.497	17.0	0.0	7.7	7.7	0.7
25	16.2	27.0	19.5	85.1	19.444	17.1	7.7	1.0	8.7	4.3
26	15.6	27.0	20.9	82.4	20.049	17.5	0.0	18.9	18.9	4.7
27	14.6	27.8	21.4	81.1	20.324	17.8	38.6	3.2	41.8	4.8
28	15.4	26.1	20.2	82.1	19.165	16.8	1.3	0.0	1.3	3.0
29	17.1	29.0	21.3	84.1	21.123	18.3	0.2	0.4	0.6	5.3
30	16.3	26.8	20.6	84.6	20.603	18.0	0.0	0.0	0.0	2.3
PROM.	16.1	28.3	21.5	80.3	20.106	17.6	108.2	76.4	184.6	104.4

M E S - OCTUBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	24.7	18.6	96.3	20.765	18.1	6.5	0.1	6.6	0.2
2	15.4	27.5	21.1	80.8	20.192	17.6	0.0	4.6	4.6	5.4
3	16.0	23.1	19.0	88.9	19.699	17.2	2.1	1.7	3.8	0.2
4	16.0	27.3	20.4	83.6	19.937	17.4	0.0	54.3	54.3	5.9
5	16.2	27.0	19.5	88.2	20.117	17.6	7.6	0.0	7.6	5.3
6	14.6	27.0	21.1	81.0	20.082	17.6	0.0	1.9	1.9	3.1
7	16.3	26.3	19.8	83.6	19.638	17.2	4.4	0.0	4.4	3.0
8	16.4	25.3	20.0	86.9	20.401	17.8	1.3	0.0	1.3	3.8
9	14.0	26.3	19.2	81.8	18.127	15.9	21.1	5.0	26.1	4.6
10	16.0	25.0	19.6	87.8	20.296	17.7	0.0	0.0	0.0	4.0
11	13.6	30.0	21.6	80.8	20.204	17.6	0.3	48.5	48.8	8.9
12	16.0	23.8	19.1	88.4	19.830	17.4	0.0	0.0	0.0	0.6
13	13.0	29.0	20.8	82.5	19.781	17.3	0.0	0.0	0.0	8.0
14	16.3	28.1	20.8	85.7	20.950	18.2	1.2	1.8	3.0	2.1
15	16.3	27.5	21.2	80.4	19.829	17.3	0.0	0.0	0.0	3.8
16	15.4	27.6	21.7	79.5	20.284	17.7	0.0	1.2	1.2	4.8
17	17.0	26.0	20.3	85.6	20.342	17.8	0.0	0.0	0.0	3.3
18	14.4	28.0	20.9	80.2	19.386	16.9	0.0	24.1	24.1	4.8
19	16.3	29.0	21.0	81.4	19.984	17.5	0.6	0.1	0.7	3.8
20	16.0	25.0	20.8	81.8	19.773	17.3	0.0	0.0	0.0	2.1
21	17.0	28.0	20.5	81.1	19.492	17.1	0.0	5.3	5.3	8.2
22	17.1	28.3	20.6	83.6	20.558	17.9	32.4	0.0	32.4	4.7
23	16.1	27.8	20.3	81.3	19.331	17.0	4.7	0.0	4.7	5.2
24	16.8	27.8	21.0	84.3	21.128	18.4	2.2	43.0	45.2	2.4
25	17.0	26.6	21.0	83.4	20.629	18.0	2.2	1.2	3.4	3.8
26	17.4	27.0	21.4	84.6	21.528	18.7	1.7	0.0	1.7	2.0
27	17.0	24.3	18.9	91.8	20.564	17.9	5.2	0.0	5.2	0.0
28	14.0	27.3	20.2	85.1	20.126	17.6	7.0	0.0	7.0	7.6
29	14.0	27.6	21.5	83.0	20.717	18.0	0.0	0.0	0.0	5.3
30	16.0	28.3	21.6	82.4	21.170	18.4	0.0	0.0	0.0	7.1
31	16.6	27.0	19.7	85.5	19.642	17.2	0.0	0.0	0.0	4.5
PROM	15.8	26.9	20.4	84.2	20.145	17.6	100.5	192.8	293.3	128.5

ESTACION: LA JOYA MUNICIPIO: PEREIRA AÑO: 1.982

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

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	26.3	21.0	87.7	21.702	18.3	0.0	37.0	37.0	1.4
2	16.6	25.3	19.9	84.4	19.788	17.4	0.0	34.1	34.1	1.7
3	16.3	27.0	20.5	84.3	20.287	17.7	0.0	6.4	6.4	6.3
4	17.3	27.3	20.1	75.6	17.185	14.6	0.0	0.0	0.0	3.1
5	15.0	28.0	20.3	83.7	19.905	17.4	0.0	23.1	23.1	5.4
6	17.0	26.0	21.1	85.8	21.356	18.5	2.3	0.1	2.4	3.5
7	17.0	29.0	22.0	82.8	21.695	18.8	0.0	12.9	12.9	7.3
8	18.0	30.0	22.6	80.1	21.974	19.0	0.0	0.0	0.0	7.5
9	18.0	30.0	23.0	79.9	22.253	19.2	0.0	0.2	0.2	7.5
10	18.0	22.0	20.0	87.0	20.930	18.2	0.0	0.0	0.0	3.4
11	16.0	26.0	21.2	82.3	20.579	17.9	0.0	71.4	71.4	0.9
12	17.0	27.0	20.8	84.4	20.641	18.0	0.0	0.0	0.0	2.8
13	17.0	29.0	22.6	80.6	21.297	18.4	0.0	0.0	0.0	8.3
14	17.0	28.0	22.5	77.1	20.623	18.0	0.0	0.0	0.0	4.3
15	16.0	30.0	22.8	77.1	20.927	18.1	0.3	0.2	0.5	5.5
16	18.0	27.0	21.8	83.6	21.748	18.8	0.0	7.0	7.0	0.4
17	18.0	27.0	21.6	81.3	21.253	18.5	0.0	0.0	0.0	0.5
18	19.0	24.0	20.3	94.4	22.732	19.5	4.7	0.0	4.7	0.0
19	17.0	28.0	21.0	81.3	20.424	17.8	14.3	0.0	14.3	5.2
20	18.0	25.0	20.6	89.7	21.883	18.9	8.9	8.0	16.9	0.0
21	17.0	27.0	21.4	86.2	21.969	19.0	0.0	8.5	8.5	1.7
22	18.0	27.5	20.8	86.5	21.300	18.5	0.3	0.0	0.3	3.9
23	17.0	28.0	21.1	84.8	21.264	18.5	0.0	0.0	0.0	3.1
24	19.0	28.0	21.6	79.9	20.843	18.2	0.2	0.0	0.2	3.5
25	17.6	26.0	21.5	87.4	22.336	19.2	0.8	18.5	19.3	2.2
26	16.4	28.3	20.2	82.2	19.437	17.0	14.9	0.7	15.6	5.7
27	13.8	27.6	20.7	79.2	18.966	16.6	0.0	0.0	0.0	8.8
28	18.0	27.8	21.1	77.4	18.967	16.6	0.0	0.0	0.0	6.3
29	15.6	29.6	21.3	75.7	18.690	16.4	0.0	0.0	0.0	8.8
30	14.6	30.0	21.5	77.8	19.546	17.1	0.7	2.3	3.0	8.4
PROM.	17.0	27.4	21.2	82.7	20.750	18.0	47.4	230.4	277.8	127.0

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	29.0	22.3	79.7	20.999	18.3	0.0	0.0	0.0	3.4
2	17.0	27.6	20.8	82.7	20.361	17.8	0.7	0.0	0.7	1.8
3	16.3	30.0	22.1	77.7	19.943	17.4	0.0	0.0	0.0	7.2
4	18.0	25.4	21.3	84.6	21.656	18.8	0.0	0.2	0.2	0.0
5	17.6	28.0	21.5	77.6	19.872	17.4	0.5	0.0	0.5	3.3
6	17.4	28.0	21.6	79.2	20.228	17.7	0.0	0.0	0.0	3.9
7	17.0	28.5	22.2	74.0	19.620	17.2	0.0	18.9	18.9	3.0
8	17.0	27.6	21.9	78.6	20.543	17.9	0.3	24.4	24.7	3.3
9	17.0	24.0	18.7	89.2	19.170	16.8	7.8	0.0	7.8	0.9
10	14.0	28.3	21.7	78.7	19.826	17.3	0.0	0.0	0.0	5.1
11	17.0	30.0	22.4	76.9	20.576	17.9	0.0	2.1	2.1	5.7
12	18.0	29.0	22.0	76.2	20.058	17.6	0.0	1.2	1.2	4.7
13	18.0	26.4	21.3	82.8	20.934	18.2	0.0	0.0	0.0	0.8
14	17.4	29.5	22.6	74.8	20.103	17.6	0.0	0.0	0.0	6.9
15	16.0	30.0	22.7	74.4	19.936	17.4	0.0	0.0	0.0	8.1
16	18.0	28.0	21.8	73.6	20.749	18.1	2.2	0.0	2.2	3.9
17	17.4	28.4	21.6	74.3	19.523	17.1	0.1	0.0	0.1	5.5
18	16.8	28.0	21.9	79.2	20.378	17.7	0.0	0.0	0.0	2.7
19	17.0	30.0	21.1	79.3	19.934	17.5	11.0	12.1	23.1	5.1
20	17.0	30.0	22.4	73.5	19.445	17.0	0.0	0.0	0.0	6.7
21	18.0	29.3	21.7	75.4	19.745	17.3	2.0	12.7	14.7	5.2
22	17.6	28.6	22.6	81.0	22.073	19.1	0.0	0.5	0.5	5.3
23	17.0	30.5	22.2	77.6	20.372	17.8	0.0	0.0	0.0	7.1
24	18.5	29.0	22.8	72.7	20.397	17.8	0.7	0.0	0.7	4.5
25	15.0	29.4	22.6	74.4	20.134	17.6	0.0	0.0	0.0	7.1
26	15.6	31.0	22.7	71.5	19.216	16.8	0.0	0.0	0.0	7.8
27	18.0	25.6	20.7	77.3	19.197	16.8	0.3	0.0	0.3	0.2
28	16.4	28.0	21.0	76.5	18.767	16.5	0.0	0.0	0.0	2.7
29	16.0	25.0	21.3	82.1	20.397	17.8	0.0	0.0	0.0	0.0
30	16.0	31.0	22.0	72.2	18.606	16.4	0.0	0.0	0.0	8.6
31	14.8	31.0	23.0	70.3	18.712	16.4	0.0	0.0	0.0	9.4
PROM	16.9	28.5	21.8	77.5	20.047	17.5	25.6	72.1	97.7	139.9

ESTACION: LA JOYA MUNICIPIO PEREIRA AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.8	28.4	21.5	15.6	31.0	80.6	20.240	17.7	205.4	16	173.0
FEBRERO	17.1	28.4	22.1	15.4	31.0	78.9	20.505	17.9	59.5	11	109.1
MARZO	17.2	28.9	22.0	14.6	32.0	81.1	21.115	18.3	161.3	21	152.8
ABRIL	17.0	27.8	21.7	14.6	30.3	82.7	21.278	18.4	149.9	19	122.8
MAYO	17.4	27.6	21.4	15.1	29.4	85.0	21.651	18.7	300.0	24	
JUNIO	16.9	28.3	21.9	14.4	31.2	82.0	21.150	18.4	69.8	13	129.0
JULIO	16.0	28.5	21.7	13.0	31.8	79.9	20.296	17.7	110.9	14	144.8
AGOSTO	15.3	29.7	22.7	13.0	32.0	73.2	19.209	16.8	11.3	5	165.1
SEPTIEMBRE	16.1	28.3	21.5	13.6	32.0	80.3	20.106	17.6	184.6	20	104.4
OCTUBRE	15.8	26.9	20.4	13.0	30.0	84.2	20.145	17.6	293.3	22	128.5
NOVIEMBRE	17.0	27.4	21.2	13.8	30.0	82.7	20.750	18.0	277.8	19	127.0
DICIEMBRE	16.9	28.5	21.8	14.0	31.0	77.5	20.047	17.5	97.7	15	139.9
PROMEDIO	16.6	28.2	21.7	14.2	31.0	80.7	20.541	17.9			
TOTAL									1921.5	199	

ESTACION: LA TRINIDAD MUNICIPIO: LIBANO AÑO: 1.982

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

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.1	23.0	18.4	90.6	19.392	17.0	25.4	30.5	55.9	1.3
2	15.3	21.7	18.5	91.5	19.559	17.1	0.0	36.3	36.3	0.6
3	15.4	22.1	19.0	91.4	19.917	17.4	5.3	4.5	9.8	1.2
4	15.7	21.5	18.5	92.4	19.822	17.3	0.2	43.6	43.8	0.1
5	15.5	22.3	18.7	92.9	20.038	17.5	34.0	3.7	37.7	2.3
6	16.0	23.2	19.0	86.7	19.177	16.8	0.0	8.4	8.4	4.0
7	14.9	22.7	19.0	82.3	18.333	16.0	0.0	0.6	0.6	5.5
8	14.8	23.1	18.7	83.4	18.082	15.9	0.0	0.0	0.0	5.2
9	14.4	22.6	17.7	90.7	18.223	15.9	9.4	0.0	9.4	1.9
10	14.4	23.8	19.8	86.5	19.936	17.4	0.0	0.0	0.0	5.8
11	16.6	24.0	20.1	85.5	20.432	17.8	0.0	0.0	0.0	3.2
12	16.6	24.4	19.5	83.2	19.698	17.2	0.0	0.0	0.0	6.8
13	15.0	24.5	19.3	85.4	19.322	16.9	0.0	0.0	0.0	7.9
14	15.4	24.7	20.4	84.6	20.396	17.8	0.0	0.0	0.0	6.4
15	16.5	25.2	20.6	80.2	19.515	17.1	0.0	0.3	0.3	7.1
16	16.6	24.1	20.2	84.0	19.813	17.3	0.6	0.0	0.6	3.9
17	17.4	24.8	20.7	78.3	18.984	16.6	0.0	0.0	0.0	3.1
18	15.1	25.5	20.1	80.2	18.909	16.5	0.0	0.0	0.0	10.0
19	12.3	24.4	19.8	67.7	15.937	13.5	0.0	0.0	0.0	7.7
20	13.4	24.9	19.4	74.6	16.900	14.7	0.0	0.0	0.0	10.5
21	14.0	24.7	20.2	80.6	19.010	16.5	3.0	0.0	3.0	3.7
22	14.3	24.9	19.2	81.4	18.154	15.8	0.0	0.0	0.0	7.0
23	14.6	25.4	19.4	75.4	17.064	15.0	0.0	25.6	25.6	10.2
24	15.3	24.5	20.2	79.4	18.588	16.3	0.0	0.0	0.0	4.6
25	16.2	24.2	19.8	78.7	18.260	16.0	0.0	0.0	0.0	5.6
26	13.2	23.4	18.9	80.1	17.669	15.4	0.0	2.8	2.8	3.5
27	14.7	22.5	18.1	89.9	18.796	16.5	1.2	0.0	1.2	1.2
28	14.6	22.3	19.4	84.9	19.078	16.7	0.0	22.8	22.8	3.5
29	15.4	21.6	18.5	91.8	19.716	17.3	0.0	0.0	0.0	1.0
30	14.1	23.5	19.3	87.6	19.618	17.2	0.0	28.8	28.8	4.2
31	16.0	23.0	18.8	87.2	19.013	16.7	2.6	0.0	2.6	3.6
PROM.	15.1	23.6	19.3	84.2	18.947	16.6	81.7	207.9	289.6	142.6

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	15.4	23.0	19.3	88.5	20.092	17.5	0.0	0.0	0.0	3.5
2	16.9	22.0	18.7	89.6	19.579	17.1	0.0	0.0	0.0	0.8
3	14.0	24.8	20.0	80.6	18.688	16.3	0.0	0.0	0.0	5.6
4	15.3	24.0	20.2	80.8	18.878	16.5	31.7	10.4	42.1	2.7
5	16.6	23.3	18.6	89.8	19.520	17.1	0.0	0.0	0.0	1.5
6	14.6	23.1	19.6	87.7	20.148	17.5	0.1	22.6	22.7	4.6
7	16.0	22.7	18.8	86.9	19.031	16.7	0.0	0.0	0.0	1.4
8	16.9	23.9	19.8	86.6	19.973	17.5	0.0	0.0	0.0	4.3
9	16.0	22.4	19.4	88.4	19.930	17.4	0.0	3.2	3.2	0.9
10	17.0	22.8	20.1	89.6	21.060	18.3	0.4	0.6	1.0	0.2
11	17.0	22.5	19.2	87.0	19.388	17.0	0.0	23.4	23.4	0.8
12	16.6	23.9	19.2	93.0	20.702	18.0	0.9	0.6	1.5	1.4
13	16.5	21.7	19.4	91.1	20.622	18.0	0.2	0.0	0.2	0.0
14	16.2	23.0	19.2	94.5	20.872	18.1	30.1	0.0	30.1	0.6
15	16.7	20.9	18.6	92.7	20.025	17.5	3.8	7.6	11.4	0.0
16	14.5	22.4	17.9	90.8	18.508	16.3	6.0	0.0	6.0	1.4
17	16.0	23.1	18.6	88.8	19.229	16.8	0.6	1.5	2.1	0.8
18	16.3	22.5	18.2	92.3	19.356	17.0	0.0	0.0	0.0	0.5
19	15.9	24.5	19.2	82.7	18.500	16.2	1.5	0.0	1.5	1.5
20	15.4	22.8	18.3	87.7	18.609	16.3	0.3	8.0	8.3	0.4
21	15.4	22.4	19.0	86.6	19.136	16.8	1.6	0.0	1.6	0.2
22	15.2	23.6	19.3	82.2	18.463	16.2	0.0	0.0	0.0	4.8
23	15.1	22.7	19.1	89.7	20.175	17.6	0.0	0.0	0.0	1.1
24	16.4	22.8	19.8	85.1	19.730	17.3	0.0	0.0	0.0	2.1
25	15.9	24.0	20.5	82.4	19.771	17.3	0.0	0.0	0.0	5.0
26	16.0	24.0	20.1	78.8	18.566	16.3	0.0	10.5	10.5	2.4
27	16.6	23.7	20.1	91.1	21.615	18.7	1.2	6.7	7.9	1.9
28	14.9	24.2	20.3	86.4	20.439	17.8	0.0	27.0	27.0	2.6
PROM	15.9	23.1	19.3	87.6	19.666	17.2	78.4	122.1	200.5	53.0

ESTACION: LA TRINIDAD MUNICIPIO: LIBANO AÑO: 1.962

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

M E S - MARZO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.7	24.4	19.6	87.4	20.022	17.5	0.0	0.0	0.0	0.9
2	16.9	24.7	20.6	78.7	19.084	16.8	0.0	1.5	1.5	1.7
3	16.0	23.5	20.3	88.2	20.907	18.2	0.0	4.9	4.9	2.3
4	16.3	24.5	19.2	86.5	19.494	17.1	0.0	0.0	0.0	3.7
5	16.6	24.4	20.3	83.5	20.972	18.3	1.9	0.0	1.9	1.8
6	16.9	23.4	20.4	84.6	20.289	17.7	1.1	0.0	1.1	2.3
7	15.5	24.8	20.9	81.5	20.210	17.6	0.0	0.0	0.0	4.5
8	14.9	24.3	19.8	79.7	18.582	16.1	0.0	0.4	0.4	5.7
9	16.1	22.9	19.4	85.8	19.410	17.0	0.0	0.1	0.1	2.0
10	16.4	23.4	19.4	77.9	17.623	15.5	0.0	12.5	12.5	2.8
11	15.9	23.7	20.2	79.7	18.821	16.5	0.0	50.6	50.6	1.7
12	16.6	21.6	19.3	89.2	19.887	17.4	0.0	0.4	0.4	0.1
13	17.7	24.4	20.8	80.0	19.597	17.2	0.0	54.1	54.1	2.6
14	16.4	23.6	19.5	90.5	20.683	18.0	8.8	0.0	8.8	0.2
15	17.4	23.0	19.2	87.9	19.963	17.4	1.5	1.5	3.0	0.8
16	16.8	23.7	19.5	78.7	18.011	15.8	0.5	0.2	0.7	2.7
17	16.3	22.9	19.1	90.7	19.856	17.4	0.3	0.2	0.5	2.3
18	16.6	21.7	18.5	91.2	19.502	17.0	1.2	0.0	1.2	0.4
19	17.4	23.3	19.3	93.2	20.998	18.3	9.2	2.8	12.0	1.5
20	16.9	21.9	18.6	90.3	19.712	17.3	37.1	0.0	37.1	0.0
21	16.0	22.8	19.7	94.2	21.409	18.5	5.3	0.0	5.3	2.3
22	19.0	25.0	20.6	82.0	19.986	17.5	0.0	0.0	0.0	3.4
23	17.2	24.9	19.8	85.4	20.305	17.7	17.1	0.0	17.1	3.4
24	16.5	23.0	20.0	78.8	18.486	16.3	0.0	0.0	0.0	1.4
25	16.7	23.3	20.8	82.3	20.180	17.5	0.0	9.7	9.7	1.1
26	15.6	24.0	19.9	92.0	21.367	18.5	0.0	0.1	0.1	1.9
27	15.3	25.3	20.3	78.2	18.682	16.4	0.0	0.0	0.0	4.9
28	17.0	23.7	19.4	90.7	20.548	17.9	6.7	0.0	6.7	1.3
29	17.2	22.5	19.3	93.1	21.165	18.4	4.7	0.0	4.7	1.3
30	17.9	24.2	20.8	83.7	20.579	18.0	0.0	0.0	0.0	2.9
31	17.2	22.2	20.3	88.3	20.954	18.2	0.5	22.6	23.1	0.1
PROM.	16.6	23.6	19.8	85.7	19.912	17.4	95.9	161.6	257.5	64.0

M E S - ABRIL

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	22.2	19.6	92.8	21.190	18.4	0.0	5.7	5.7	0.6
2	16.2	20.5	18.9	93.9	20.457	17.9	3.4	0.0	3.4	0.1
3	15.7	23.6	20.1	85.4	20.098	17.5	0.2	28.6	28.8	4.3
4	16.8	21.5	18.6	92.1	19.602	17.2	1.9	0.9	2.8	0.2
5	16.5	24.4	21.0	78.0	19.240	16.9	0.0	84.1	84.1	7.3
6	15.9	22.4	18.5	85.0	18.404	16.2	14.9	0.0	14.9	0.1
7	15.4	23.3	19.4	82.8	18.774	16.5	0.0	0.2	0.2	2.5
8	15.6	21.5	19.1	87.1	19.136	16.8	0.1	12.4	12.5	1.3
9	17.0	21.5	18.4	83.0	19.001	16.6	0.6	34.7	35.3	0.6
10	16.8	22.4	19.2	92.1	20.741	18.0	0.5	0.0	0.5	1.8
11	15.3	23.2	19.2	85.5	19.268	16.8	3.7	17.8	21.5	5.0
12	16.5	21.5	18.8	91.9	19.827	17.4	4.8	5.9	10.7	0.2
13	16.2	23.2	19.2	87.6	19.382	17.0	1.3	0.0	1.3	0.0
14	15.5	23.5	19.3	88.7	19.893	17.4	3.0	0.0	3.0	1.8
15	15.6	24.3	20.1	89.6	21.012	18.3	0.0	1.5	1.5	1.3
16	17.2	24.4	20.5	85.1	20.658	17.9	1.1	7.8	8.9	2.4
17	16.6	23.5	19.0	89.3	19.516	17.1	0.0	0.0	0.0	1.8
18	16.8	22.5	19.3	91.5	20.351	17.8	0.0	0.2	0.2	1.3
19	16.5	23.8	19.8	81.0	19.225	16.8	25.0	0.0	25.0	1.5
20	17.4	22.5	20.3	85.8	20.272	17.7	0.0	10.0	10.0	2.5
21	17.0	22.3	18.4	92.1	19.543	17.1	1.9	0.0	1.9	0.0
22	14.5	24.4	20.9	80.7	20.001	17.3	0.0	6.9	6.9	7.5
23	17.4	21.8	19.2	87.9	19.591	17.2	0.7	0.0	0.7	0.1
24	16.4	23.2	20.1	84.0	19.772	17.2	0.0	0.0	0.0	4.4
25	16.5	24.2	20.9	75.1	18.776	16.4	0.0	0.0	0.0	7.0
26	18.5	23.8	20.6	73.8	18.191	16.0	0.0	0.0	0.0	3.4
27	16.7	24.5	20.5	82.7	19.742	17.3	0.0	0.3	0.3	2.5
28	16.4	21.1	18.1	91.6	19.691	17.2	39.5	0.4	39.9	0.0
29	15.2	24.0	19.0	81.6	18.433	16.2	1.0	6.9	7.9	4.6
30	15.7	21.7	18.2	94.6	19.814	17.3	8.0	1.0	9.0	0.4
PROM	16.4	22.9	19.5	86.6	19.655	17.2	111.6	225.3	336.9	66.5

ESTACION: LA TRINIDAD MUNICIPIO: LIBANO AÑO: 1.982

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.9	24.2	20.1	78.6	18.463	16.2	0.0	42.8	42.8	5.6
2	16.0	22.5	18.7	87.0	18.652	16.4	0.5	0.0	0.5	5.8
3	17.4	24.0	19.8	84.9	19.764	17.3	0.1	22.8	22.9	4.2
4	17.1	23.4	20.3	89.9	21.404	18.0	1.1	3.5	4.6	3.0
5	16.4	23.0	20.2	84.5	19.869	17.4	0.0	0.0	0.0	0.9
6	16.8	22.3	19.6	90.1	20.575	17.9	0.0	4.8	4.8	0.0
7	17.4	22.7	20.1	86.8	20.395	17.8	0.3	54.7	55.0	0.0
8	17.5	22.7	19.8	90.9	20.949	18.2	1.7	3.6	5.3	1.3
9	16.5	24.5	20.3	85.0	20.200	17.6	0.0	44.3	44.3	2.7
10	16.2	23.4	19.4	83.8	19.166	16.8	1.8	0.0	1.8	0.4
11	16.4	25.0	20.9	79.7	19.461	17.0	0.0	1.3	1.3	7.2
12	16.6	23.9	20.2	87.3	20.743	18.0	0.0	14.7	14.7	6.1
13	17.2	23.5	20.4	90.0	21.500	18.7	0.0	0.0	0.0	1.5
14	17.4	22.5	19.8	89.0	20.730	18.0	0.0	10.5	10.5	0.0
15	16.5	23.6	19.8	86.5	19.767	17.3	0.1	21.2	21.3	2.2
16	15.9	24.3	19.4	90.3	20.363	17.7	0.4	14.1	14.5	3.1
17	16.8	24.9	20.3	87.2	20.891	18.2	11.2	43.0	54.2	3.4
18	15.4	23.6	19.6	83.9	19.204	16.8	0.0	3.0	3.0	2.7
19	16.6	22.0	19.3	93.1	20.882	18.2	0.0	7.1	7.1	0.4
20	16.5	24.6	20.4	86.6	20.701	18.1	1.1	9.8	10.9	3.2
21	17.0	20.5	18.5	93.3	19.958	17.5	0.0	14.0	14.0	0.5
22	16.5	22.5	18.9	89.2	19.473	17.1	0.4	9.2	9.6	1.2
23	16.4	22.8	19.9	91.7	21.191	18.4	0.0	0.0	0.0	4.9
24	16.4	23.8	20.7	85.1	20.849	18.1	0.0	27.8	27.8	6.8
25	16.5	22.5	19.2	92.7	20.668	18.0	0.0	4.3	4.3	4.6
26	16.6	21.8	19.8	90.6	20.900	18.2	2.4	18.6	21.0	1.5
27	17.0	23.2	19.8	92.6	21.402	18.6	0.0	15.0	15.0	2.8
28	16.6	19.8	18.2	95.9	20.244	17.7	12.0	0.0	12.0	0.0
29	16.3	24.0	18.5	88.7	18.822	16.5	0.0	0.0	0.0	2.2
30	17.4	20.9	19.4	92.8	20.656	18.0	0.0	0.0	0.0	0.1
31	16.9	23.4	20.0	84.7	19.849	17.4	0.0	0.0	0.0	5.1
PROM.	16.6	23.1	19.7	88.1	20.248	17.7	33.1	390.1	423.2	83.4

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	16.6	23.7	19.6	85.2	19.664	17.2	0.0	0.0	0.0	4.4
2	15.4	24.9	20.2	78.3	18.833	16.5	0.0	0.0	0.0	5.6
3	15.6	24.3	20.2	78.9	18.914	16.6	0.0	0.0	0.0	6.2
4	17.2	24.4	20.1	86.8	20.719	18.0	0.0	0.0	0.0	4.2
5	16.9	24.4	20.2	89.0	21.333	18.5	1.2	5.2	6.4	1.8
6	17.0	23.2	19.5	89.9	20.352	17.8	0.0	0.0	0.0	1.1
7	16.2	24.3	20.4	75.5	17.930	15.7	0.0	0.0	0.0	6.7
8	16.8	24.8	20.3	82.4	19.929	17.5	0.0	0.0	0.0	8.8
9	17.1	24.9	20.5	81.2	19.599	17.2	0.0	13.9	13.9	5.7
10	16.8	23.9	20.0	86.9	20.362	17.8	0.5	0.0	0.5	3.9
11	16.4	24.5	19.5	89.0	20.780	18.1	23.9	4.4	28.3	4.3
12	16.4	23.5	20.0	87.3	20.161	17.6	0.0	0.1	0.1	4.6
13	17.0	25.4	20.7	83.6	20.536	17.9	0.0	2.1	2.1	5.8
14	16.5	24.0	19.9	86.8	20.421	17.8	6.5	2.8	9.3	5.9
15	16.6	23.2	19.9	87.0	20.587	17.9	0.0	0.0	0.0	5.8
16	14.8	23.8	20.1	79.7	18.694	16.4	0.0	0.0	0.0	7.6
17	16.6	24.5	19.7	83.6	19.539	17.1	0.0	0.0	0.0	5.2
18	15.3	23.5	19.4	88.0	19.764	17.3	0.0	0.0	0.0	0.6
19	16.0	25.4	21.7	76.9	19.990	17.3	0.0	12.5	12.5	8.2
20	17.0	22.5	19.6	88.7	20.229	17.7	1.1	0.0	1.1	1.8
21	16.6	22.2	19.1	89.7	19.952	17.5	0.0	8.1	8.1	1.0
22	16.0	23.7	19.7	83.9	19.185	16.9	0.0	0.0	0.0	8.8
23	16.4	24.4	20.5	81.8	20.109	17.6	0.0	0.0	0.0	8.4
24	14.9	24.9	20.3	84.3	20.177	17.6	0.0	0.0	0.0	4.9
25	14.2	24.0	20.0	82.1	19.388	16.9	0.0	0.0	0.0	9.2
26	15.3	25.5	20.6	81.5	19.558	17.0	0.0	0.0	0.0	7.2
27	16.5	24.7	20.0	86.7	20.592	17.9	0.0	0.0	0.0	3.6
28	15.8	25.6	20.5	75.2	18.313	16.1	0.0	0.0	0.0	10.0
29	16.0	25.0	20.9	71.2	17.452	15.8	0.0	0.0	0.0	5.6
30	15.4	25.7	20.4	68.8	16.600	14.6	0.0	0.0	0.0	8.6
PROM	16.2	24.3	20.1	83.0	19.655	17.2	33.2	49.1	82.3	165.5

92

ESTACION: LA TRINIDAD MUNICIPIO: LIBANO AÑO: 1.982

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

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	24.8	20.7	70.7	17.158	15.1	0.0	0.0	0.0	6.2
2	14.5	23.6	19.7	76.9	17.587	15.5	0.0	0.0	0.0	2.3
3	14.0	24.6	19.9	75.9	17.548	15.4	0.0	0.0	0.0	6.8
4	14.7	23.5	20.4	72.6	17.227	15.2	0.0	0.3	0.3	8.7
5	16.6	23.6	20.2	77.0	18.274	16.1	0.0	0.0	0.0	4.0
6	16.0	24.9	20.8	75.2	18.769	16.5	0.0	0.1	0.1	4.6
7	15.6	26.3	21.0	74.8	18.646	16.4	0.0	0.0	0.0	3.1
8	14.8	26.4	20.0	82.0	19.728	17.3	1.6	0.0	1.6	6.2
9	14.2	25.9	19.7	75.4	17.814	15.4	0.0	0.0	0.0	10.5
10	15.6	26.6	20.8	71.0	17.821	15.7	0.0	0.0	0.0	9.6
11	16.4	26.9	20.6	72.7	17.528	15.4	0.0	0.0	0.0	7.5
12	17.0	23.5	20.4	75.2	17.861	15.7	0.0	0.5	0.5	2.4
13	14.9	22.9	18.9	85.3	18.768	16.5	0.0	0.0	0.0	4.4
14	15.5	26.8	21.3	62.7	15.425	13.3	0.0	0.0	0.0	10.2
15	14.4	27.7	20.6	58.8	14.190	12.2	0.0	0.0	0.0	10.4
16	14.7	24.4	18.9	73.0	16.086	14.1	0.0	0.0	0.0	2.6
17	14.2	27.6	21.6	61.3	15.663	13.7	0.0	0.0	0.0	10.1
18	17.4	24.8	20.2	76.0	17.975	15.8	1.1	0.0	1.1	2.6
19	15.0	26.7	20.5	70.8	16.831	14.8	0.0	0.0	0.0	5.1
20	16.6	23.5	19.3	83.5	18.739	16.5	0.0	0.0	0.0	3.7
21	13.5	26.6	20.0	61.3	14.058	12.0	0.0	0.0	0.0	11.3
22	15.6	26.6	20.6	57.5	13.653	11.5	0.0	0.4	0.4	9.3
23	14.4	26.8	20.6	58.0	13.703	11.6	0.0	0.0	0.0	10.0
24	14.0	26.7	20.8	58.3	14.311	12.3	0.0	0.0	0.0	8.9
25	14.5	26.8	20.7	64.0	15.544	13.6	0.0	0.0	0.0	6.4
26	15.6	25.8	19.4	78.7	17.794	15.6	0.0	7.2	7.2	6.0
27	15.5	22.5	18.8	87.7	19.176	16.8	0.3	3.1	3.4	1.2
28	16.2	22.5	19.2	86.3	19.300	16.9	0.0	0.0	0.0	2.3
29	16.9	24.1	19.9	77.7	17.918	15.8	0.0	0.0	0.0	4.7
30	15.5	27.5	22.1	57.0	14.403	12.4	0.0	0.0	0.0	9.8
31	14.2	26.4	20.6	63.3	15.423	13.4	0.0	0.0	0.0	6.6
PROM.	15.3	25.5	20.3	71.7	16.926	14.8	3.0	11.6	14.6	197.5

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	27.6	20.8	53.9	14.404	12.4	0.0	0.0	0.0	8.2
2	16.8	25.5	20.2	63.7	16.332	14.3	0.0	0.0	0.0	7.4
3	15.4	26.4	21.0	63.5	15.668	13.7	0.0	0.0	0.0	6.3
4	14.5	28.1	22.0	48.5	12.725	10.5	0.0	0.0	0.0	11.1
5	14.1	27.5	21.1	56.0	13.453	11.3	0.0	0.0	0.0	5.9
6	17.0	26.0	21.1	66.9	16.277	14.2	0.0	0.3	0.3	6.8
7	16.3	24.9	19.8	73.1	16.689	14.6	13.7	3.2	16.9	3.6
8	16.1	25.6	20.2	74.4	17.644	15.5	0.0	0.0	0.0	6.8
9	14.0	27.5	20.9	62.5	15.374	13.4	0.0	0.0	0.0	11.0
10	16.6	28.8	21.6	57.4	14.263	12.1	0.0	0.0	0.0	9.1
11	15.2	27.9	21.3	54.2	13.475	11.3	0.0	0.0	0.0	10.5
12	16.4	27.7	21.9	53.2	13.498	11.3	0.0	0.0	0.0	9.1
13	14.2	27.9	20.9	57.1	13.577	11.5	0.0	0.0	0.0	7.4
14	16.5	28.5	21.4	60.5	15.109	12.8	0.0	0.0	0.0	7.3
15	15.0	27.9	22.3	51.2	16.056	14.1	0.0	1.0	1.0	10.4
16	16.4	27.9	20.9	57.7	13.991	11.8	0.0	0.0	0.0	10.1
17	15.1	28.0	21.7	56.5	14.251	12.2	0.0	0.0	0.0	8.8
18	15.5	26.7	20.6	61.9	14.890	12.9	0.0	0.0	0.0	2.8
19	15.7	27.9	20.6	59.9	14.297	12.3	0.0	0.0	0.0	7.4
20	16.7	25.8	20.1	68.5	15.981	13.9	0.0	0.0	0.0	3.2
21	15.3	29.2	22.6	51.1	13.207	11.0	0.0	0.0	0.0	9.3
22	14.0	29.7	22.0	51.9	13.029	10.8	0.0	0.0	0.0	10.9
23	16.1	28.8	23.5	53.3	15.275	13.3	0.0	0.0	0.0	7.3
24	15.4	28.6	22.0	58.3	14.582	12.5	0.0	0.0	0.0	6.9
25	16.0	28.0	21.3	59.4	14.730	12.7	0.0	0.0	0.0	10.6
26	15.1	27.9	21.8	62.1	15.920	14.0	0.0	0.0	0.0	7.4
27	17.5	28.8	21.7	63.8	16.481	14.4	0.0	0.0	0.0	4.8
28	15.8	28.8	21.8	61.9	15.492	13.5	0.0	0.0	0.0	8.3
29	15.4	29.9	22.4	62.6	15.950	13.9	0.0	0.0	0.0	9.3
30	16.6	26.9	21.7	62.0	16.461	14.4	0.0	0.0	0.0	5.0
31	15.3	26.9	21.2	65.5	16.088	14.1	0.0	0.0	0.0	2.5
PROM	15.6	27.7	21.4	60.4	15.015	12.9	13.7	4.5	18.2	235.3

ESTACION: LA TRINIDAD MUNICIPIO: LIBANO AÑO: 1.982

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	16.9	28.5	22.3	59.1	15.822	13.8	0.0	0.0	0.0	5.9
2	16.4	28.9	22.2	60.8	15.595	13.5	0.0	0.0	0.0	6.2
3	15.0	28.7	22.1	54.6	14.186	12.2	0.0	0.0	0.0	8.5
4	17.4	28.6	21.9	63.6	16.229	14.2	0.0	0.0	0.0	4.4
5	18.1	28.9	22.2	64.3	16.650	14.4	0.0	0.0	0.0	3.9
6	16.4	28.7	21.3	56.9	13.987	11.8	0.0	0.0	0.0	5.9
7	16.0	29.9	22.2	55.9	14.642	12.5	0.0	0.5	0.5	6.7
8	17.0	28.2	21.9	67.4	17.049	14.9	0.0	50.8	50.8	7.0
9	16.5	27.1	21.4	68.5	17.129	15.0	0.0	0.0	0.0	3.4
10	17.0	24.9	20.5	80.1	19.142	16.8	0.0	30.5	30.5	2.5
11	17.1	23.9	19.7	86.9	19.823	17.4	0.8	72.9	73.7	4.1
12	15.6	23.3	19.8	83.7	18.910	16.6	0.0	0.0	0.0	1.2
13	18.1	26.2	21.5	74.3	19.068	16.7	0.0	15.3	15.3	8.0
14	16.5	23.8	19.9	84.1	19.419	17.0	0.5	0.0	0.5	1.7
15	16.0	25.5	21.1	76.3	18.895	16.6	0.0	25.1	25.1	4.5
16	15.4	23.2	18.7	92.2	19.657	17.2	0.4	18.8	19.2	3.0
17	14.9	22.6	18.5	87.0	18.457	16.3	0.4	22.2	22.6	1.8
18	17.4	24.3	20.2	82.2	19.636	17.2	0.0	8.3	8.3	6.9
19	17.2	23.5	19.3	83.9	18.897	16.6	0.0	0.0	0.0	0.8
20	17.0	24.7	20.2	81.8	19.314	16.9	0.0	0.0	0.0	3.6
21	17.1	24.4	20.1	82.3	19.580	17.1	0.0	0.0	0.0	7.3
22	14.6	24.6	19.4	80.7	18.361	16.1	0.0	0.0	0.0	0.6
23	14.1	26.9	21.1	69.5	17.411	15.3	0.0	1.8	1.8	6.4
24	17.5	24.9	20.4	82.4	20.070	17.5	0.0	2.8	2.8	3.3
25	16.2	21.5	18.1	85.3	17.831	15.7	0.0	0.0	0.0	0.6
26	16.8	24.9	18.1	83.5	17.484	15.4	0.5	0.0	0.5	1.1
27	16.0	26.7	21.4	69.7	17.815	15.6	0.0	28.8	28.8	5.9
28	15.5	23.1	18.9	77.8	17.066	15.0	1.4	10.5	11.9	3.5
29	15.4	23.0	18.8	83.7	17.977	15.8	9.6	12.3	21.9	2.3
30	16.5	23.9	19.8	82.1	19.015	16.7	0.0	2.9	2.9	2.4
PROM.	16.4	25.6	20.4	75.4	17.837	15.6	13.6	303.5	317.1	123.4

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	22.9	19.2	86.9	19.418	17.0	5.6	0.0	5.6	0.7
2	15.4	23.4	19.7	81.2	18.761	16.5	0.0	1.3	1.3	2.3
3	15.9	22.9	18.8	84.6	18.444	16.2	0.0	0.0	0.0	3.5
4	15.6	23.9	19.9	81.9	19.254	16.9	0.2	2.7	2.9	5.7
5	17.0	23.9	18.7	90.8	19.728	17.3	0.0	0.0	0.0	1.9
6	15.6	25.4	20.4	77.7	18.945	16.6	0.0	0.3	0.3	8.3
7	17.6	23.4	20.3	82.5	19.763	17.3	0.1	12.8	12.9	1.5
8	16.4	23.5	19.5	86.9	19.504	17.1	1.1	0.0	1.1	0.7
9	15.3	22.6	18.4	90.9	19.185	16.8	0.0	16.9	16.9	2.3
10	16.0	20.8	17.5	90.7	18.373	16.1	1.4	0.0	1.4	0.3
11	14.6	23.6	18.8	86.6	19.014	16.6	0.0	0.0	0.0	6.4
12	17.0	24.0	19.7	82.5	18.800	16.5	0.0	0.0	0.0	3.9
13	16.6	24.3	20.6	82.9	20.133	17.6	0.0	66.9	66.9	7.6
14	15.2	23.7	20.0	83.3	19.556	16.9	0.9	6.7	7.6	4.1
15	16.4	23.2	19.6	85.8	19.488	17.1	0.0	0.0	0.0	3.4
16	16.4	24.0	20.3	87.0	20.881	18.2	2.0	19.5	21.5	2.4
17	16.7	22.6	19.8	87.0	20.053	17.5	0.9	24.2	24.2	2.1
18	15.2	23.5	19.5	82.6	18.713	16.3	0.0	2.7	2.7	5.5
19	16.5	22.8	18.9	93.0	20.066	17.5	0.0	0.0	0.0	3.0
20	17.3	22.9	18.6	94.7	20.263	17.7	0.0	0.0	0.0	0.4
21	17.4	23.5	19.0	88.4	19.674	17.2	0.0	37.5	37.5	1.8
22	15.8	23.1	19.5	90.2	20.449	17.8	0.9	2.7	2.7	2.9
23	16.3	22.5	19.5	87.1	19.682	17.2	1.0	5.6	6.6	1.1
24	17.1	21.2	18.4	94.1	20.126	17.6	25.4	0.0	25.4	0.0
25	16.9	22.7	19.8	84.8	19.681	17.2	0.0	2.0	2.0	2.6
26	16.2	22.5	18.5	89.6	19.551	17.2	3.9	0.0	3.9	0.0
27	14.5	21.7	18.7	87.0	18.841	16.5	0.0	1.6	1.6	0.1
28	14.6	22.5	18.3	91.2	19.312	16.9	0.0	0.0	0.0	2.6
29	17.0	22.5	19.3	87.2	19.500	17.0	0.1	0.2	0.3	3.8
30	14.2	23.0	19.8	85.5	19.699	17.1	0.0	0.0	0.0	3.0
31	16.3	24.2	20.6	83.0	20.246	17.7	0.0	0.8	0.8	3.6
PROM	16.1	23.1	19.3	86.7	19.519	17.1	41.7	204.4	246.1	87.5

ESTACION: LA TRINIDAD MUNICIPIO: LIBANO AÑO: 1.982

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

M E S - NOVIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	24.5	20.3	86.7	20.688	18.0	0.0	29.3	29.3	4.4
2	16.0	24.2	19.1	81.7	18.340	16.1	0.0	0.0	0.0	2.2
3	17.0	22.9	19.0	79.9	17.755	15.6	16.3	4.0	20.3	1.0
4	16.4	21.9	18.7	79.2	19.326	17.0	2.5	0.0	2.5	0.6
5	17.2	23.9	19.4	88.6	20.116	17.6	0.0	1.5	1.5	0.8
6	17.3	21.0	18.8	95.1	20.715	18.1	2.7	0.0	2.7	0.1
7	17.5	24.1	20.7	81.3	20.307	17.5	0.0	0.4	0.4	7.3
8	17.5	24.5	20.1	85.7	20.247	17.7	0.0	0.0	0.0	3.7
9	16.6	24.8	20.4	86.0	20.801	18.1	0.0	0.0	0.0	7.1
10	17.2	25.0	21.0	79.2	20.284	17.7	0.0	1.6	1.6	7.6
11	16.5	24.7	19.6	87.1	20.072	17.6	5.9	2.2	8.1	0.7
12	16.6	22.6	20.1	90.2	21.051	18.3	0.0	0.3	0.3	1.6
13	17.0	24.4	20.0	89.9	21.129	18.4	0.0	0.0	0.0	6.4
14	16.6	25.3	21.0	84.7	21.095	18.3	0.0	0.0	0.0	2.3
15	17.4	24.5	20.7	79.6	19.837	17.4	0.0	0.6	0.6	4.2
16	16.5	22.5	20.2	83.0	19.790	17.3	0.0	19.0	19.0	0.0
17	16.9	21.9	18.2	95.6	20.138	17.6	0.6	0.0	0.6	0.9
18	14.9	22.7	19.8	87.8	20.342	17.6	0.0	0.1	0.1	0.6
19	16.5	24.2	20.1	87.0	20.622	18.0	0.0	0.8	0.8	3.8
20	17.1	22.1	19.2	91.6	20.656	18.0	0.7	2.2	2.9	0.0
21	17.1	23.2	18.9	94.5	20.656	18.0	1.6	3.3	4.9	0.6
22	17.0	23.3	19.1	87.9	19.513	17.1	2.7	1.5	4.2	1.9
23	16.0	23.1	18.9	86.4	19.180	16.8	0.0	0.0	0.0	0.9
24	15.4	23.4	18.9	91.0	19.918	17.4	0.1	0.0	0.1	2.5
25	14.9	25.8	20.0	84.6	20.149	17.5	0.0	0.0	0.0	6.4
26	16.0	24.2	19.3	88.6	20.038	17.4	11.4	3.3	14.7	2.9
27	14.6	23.1	19.8	80.0	18.436	16.1	0.6	2.5	3.1	4.0
28	15.5	25.4	18.6	84.7	18.684	16.4	1.9	0.0	1.9	5.2
29	15.6	23.4	19.6	81.3	18.752	16.4	0.4	0.3	0.7	4.7
30	15.6	23.2	19.8	87.5	20.449	17.8	0.0	0.0	0.0	6.7
PROM.	16.5	23.7	19.6	86.6	19.960	17.4	47.4	72.9	120.3	91.1

M E S - DICIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	24.4	19.6	85.4	19.567	17.0	0.0	0.0	0.0	0.3
2	15.9	24.9	20.1	88.2	21.024	18.2	0.0	0.0	0.0	4.9
3	15.5	25.4	20.9	83.0	20.779	18.0	0.0	5.4	5.4	6.2
4	16.4	23.2	19.4	81.5	18.345	16.1	0.0	0.0	0.0	1.5
5	17.0	25.4	18.6	92.5	20.406	17.8	52.3	0.0	52.3	2.8
6	16.5	24.6	19.7	87.1	20.194	17.6	0.0	0.3	0.3	4.5
7	17.6	24.5	20.4	88.7	21.260	18.5	0.0	39.0	39.0	2.6
8	16.8	23.6	19.3	89.1	19.859	17.4	0.0	0.0	0.0	1.5
9	16.4	22.0	19.7	88.5	20.144	17.6	0.0	0.3	0.3	0.2
10	17.5	21.7	18.9	94.5	20.870	18.1	7.2	0.0	7.2	0.2
11	15.2	23.8	19.6	86.2	19.816	17.2	0.0	1.0	1.0	3.1
12	15.7	24.9	20.3	89.8	21.498	18.6	0.2	0.0	0.2	1.6
13	17.0	23.2	19.4	90.1	20.691	18.0	0.5	7.5	8.0	0.6
14	15.3	24.7	20.1	84.8	20.026	17.5	0.0	0.0	0.0	7.7
15	15.7	26.7	20.9	76.1	18.701	16.3	0.0	0.0	0.0	8.5
16	16.8	26.7	20.6	81.8	19.677	17.2	0.0	0.0	0.0	6.0
17	17.4	23.8	18.6	88.3	19.278	16.9	3.4	0.1	3.5	0.4
18	16.8	21.8	18.8	92.0	20.148	17.6	0.0	8.7	8.7	0.2
19	16.9	22.7	19.5	89.3	20.292	17.7	0.0	0.0	0.0	0.0
20	16.9	22.7	19.4	87.9	19.852	17.3	0.1	0.4	0.5	1.4
21	16.4	23.7	20.1	90.2	21.181	18.4	0.0	1.8	1.8	3.6
22	17.0	23.4	19.2	93.2	18.386	16.1	2.8	0.0	2.8	7.5
23	16.2	25.3	20.5	80.4	19.473	17.0	0.0	0.0	0.0	6.4
24	16.4	25.2	20.6	82.4	20.180	17.5	0.0	4.0	4.0	4.2
25	16.6	24.9	19.3	89.2	20.144	17.6	8.6	0.0	8.6	4.1
26	16.2	22.4	19.4	85.0	19.110	16.8	0.0	0.0	0.0	2.2
27	16.6	20.2	18.0	93.5	19.655	17.2	11.3	0.0	11.3	0.0
28	16.5	23.3	18.0	89.7	18.850	16.5	0.4	0.0	0.4	1.2
29	15.5	21.8	18.2	88.2	18.591	16.3	0.0	0.0	0.0	0.0
30	16.5	22.0	18.2	91.7	19.342	16.9	0.0	0.0	0.0	1.1
31	14.4	25.3	19.9	80.7	18.864	16.5	0.0	0.0	0.0	7.6
PROM	16.4	23.8	19.5	87.1	19.878	17.3	86.8	68.5	155.3	92.1

ESTACION: LA TRINIDAD MUNICIPIO LIBANO AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.1	23.6	19.3	12.3	25.5	84.2	18.947	16.6	289.6	17	142.6
FEBRERO	15.9	23.1	19.3	14.0	24.8	87.6	19.666	17.2	200.5	17	53.0
MARZO	16.6	23.6	19.8	14.9	25.3	85.7	19.912	17.4	257.5	24	64.0
ABRIL	16.4	22.9	19.5	14.5	24.5	86.6	19.655	17.2	336.9	26	66.5
MAYO	16.6	23.1	19.7	15.4	25.0	88.1	20.248	17.7	423.2	25	83.4
JUNIO	16.2	24.3	20.1	14.2	25.7	83.0	19.655	17.2	82.3	10	165.5
JULIO	15.3	25.5	20.3	13.5	27.7	71.7	16.926	14.8	14.6	8	197.5
AGOSTO	15.6	27.7	21.4	14.0	29.9	60.4	15.005	12.9	18.2	3	235.3
SEPTIEMBRE	16.4	25.6	20.4	14.1	29.9	75.4	17.837	15.6	317.1	17	123.4
OCTUBRE	16.1	23.1	19.3	14.2	25.4	86.7	19.519	17.1	246.1	22	87.5
NOVIEMBRE	16.5	23.7	19.6	14.6	25.8	86.6	19.960	17.4	120.3	22	91.1
DICIEMBRE	16.4	23.8	19.5	14.4	26.7	87.1	19.878	17.3	155.3	18	92.1
PROMEDIO	16.1	24.2	19.9	14.2	26.4	81.9	18.934	16.5			
TOTAL									2461.6	209	1401.9

ESTACION: CHAPETON MUNICIPIO: IBAGUE AÑO: 1.982

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

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	24.5	19.6	86.6	19.690	17.2	2.2	2.5	4.7	2.3
2	16.2	24.5	19.7	90.9	20.720	18.0	0.0	0.0	0.0	3.6
3	17.5	22.5	19.4	94.8	21.205	18.4	13.6	5.8	19.4	0.0
4	17.2	20.5	19.0	94.8	20.832	18.1	6.2	0.8	7.0	1.1
5	16.5	23.5	19.0	97.9	21.280	18.5	15.3	0.0	15.3	1.9
6	16.0	21.0	19.4	94.8	21.079	18.3	2.5	8.4	10.9	5.3
7	17.0	20.5	18.5	95.3	20.451	17.8	29.5	12.7	42.2	0.2
8	16.5	24.0	19.8	89.6	20.501	17.9	3.9	5.0	8.9	2.6
9	15.5	24.0	19.2	92.2	20.418	17.8	0.0	0.0	0.0	0.8
10	14.5	25.5	19.8	83.6	19.176	16.8	0.0	0.0	0.0	2.8
11	15.8	25.5	20.4	84.4	20.297	17.7	5.6	0.0	5.6	7.7
12	17.5	25.5	20.7	88.5	21.650	18.7	0.0	0.0	0.0	7.4
13	15.0	25.5	20.6	87.0	20.980	18.2	0.0	0.0	0.0	8.3
14	14.5	26.6	21.2	83.8	20.634	17.8	0.0	0.0	0.0	7.7
15	17.5	26.6	20.8	90.2	21.938	18.9	0.5	0.0	0.5	5.4
16	16.6	26.0	20.9	87.0	21.219	18.3	0.0	0.0	0.0	4.7
17	15.5	26.3	20.9	83.4	20.217	17.6	0.0	0.0	0.0	5.8
18	17.5	26.9	21.8	82.9	21.317	18.4	0.0	0.0	0.0	8.4
19	16.5	26.9	22.7	67.5	18.785	15.9	0.0	0.0	0.0	9.1
20	13.6	26.7	19.9	77.5	17.535	15.3	0.0	0.0	0.0	9.2
21	13.5	26.4	21.3	76.1	18.318	15.9	0.1	5.5	5.6	7.5
22	14.5	26.9	21.2	79.1	19.263	16.9	0.0	0.0	0.0	7.7
23	16.4	26.9	21.4	76.2	18.723	16.4	0.0	0.0	0.0	7.5
24	16.5	26.0	19.6	81.4	18.519	16.3	0.0	0.0	0.0	7.0
25	14.5	26.8	20.4	76.7	18.256	16.0	0.0	0.0	0.0	8.2
26	14.5	26.0	20.2	79.0	18.377	16.1	2.5	0.0	2.5	5.8
27	16.0	24.0	19.0	88.6	19.537	17.1	0.9	0.0	0.9	0.6
28	15.5	24.0	20.0	86.3	19.919	17.4	5.4	0.0	5.4	0.3
29	15.5	24.5	19.5	89.5	20.105	17.5	9.5	0.1	9.6	5.0
30	17.0	24.5	20.4	89.2	21.129	18.3	6.2	11.5	17.7	2.3
31	16.9	24.9	19.9	86.2	19.947	17.4	5.0	0.0	5.0	2.3
PROM.	15.9	25.0	20.2	85.8	20.065	17.4	108.9	52.3	161.2	148.5

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	24.5	20.2	86.1	20.265	17.6	5.0	4.5	9.5	4.6
2	16.5	23.5	19.6	91.0	20.872	18.2	0.0	0.0	0.0	0.4
3	13.5	26.0	20.2	83.0	19.156	16.8	0.0	0.0	0.0	8.1
4	15.5	25.5	21.2	78.7	19.995	17.4	0.0	0.0	0.0	4.3
5	14.0	25.5	20.3	83.3	19.810	17.3	3.1	0.0	3.1	3.2
6	14.5	25.5	19.9	87.7	20.137	17.6	2.4	1.8	4.2	5.1
7	16.6	25.0	20.0	82.3	18.992	16.7	0.0	0.0	0.0	1.4
8	16.5	24.5	20.1	87.2	20.467	17.8	0.0	0.0	0.0	2.0
9	16.6	25.5	20.9	82.2	20.071	17.5	0.0	0.0	0.0	1.9
10	16.9	25.0	20.7	88.1	21.479	18.6	0.0	0.0	0.0	2.5
11	16.5	24.8	20.3	90.3	21.411	18.6	0.0	0.0	0.0	1.1
12	16.5	25.3	20.8	79.3	19.744	17.2	0.6	0.0	0.6	2.7
13	17.0	24.5	21.1	84.7	21.144	18.3	0.8	0.0	0.8	1.3
14	16.5	24.5	20.8	86.7	21.032	18.3	0.0	5.1	5.1	1.9
15	17.0	23.5	19.6	89.6	20.604	17.9	10.4	0.0	10.4	1.1
16	15.5	24.6	20.8	86.7	21.083	18.3	0.0	0.0	0.0	5.6
17	17.0	24.8	20.3	86.9	20.591	17.9	0.0	0.0	0.0	4.7
18	15.0	24.5	20.0	84.8	19.560	17.0	0.0	5.5	5.5	4.1
19	17.0	24.5	20.0	90.3	20.890	18.2	6.8	0.0	6.8	3.6
20	17.0	22.5	19.2	91.6	20.381	17.8	6.2	0.2	6.4	1.9
21	16.5	23.8	20.5	86.9	20.736	18.0	0.0	0.0	0.0	0.0
22	18.0	24.9	20.8	86.7	21.357	18.5	0.0	7.0	7.0	4.5
23	17.0	23.8	20.3	89.0	21.163	18.4	2.4	4.7	7.1	3.2
24	17.0	24.0	20.6	88.8	21.211	18.4	0.0	0.0	0.0	0.8
25	15.8	26.6	20.7	83.1	19.948	17.4	0.0	0.0	0.0	5.0
26	17.0	26.5	20.7	85.0	20.720	18.0	0.0	0.0	0.0	5.3
27	17.5	26.0	21.4	77.2	19.027	17.2	7.7	1.6	9.3	2.7
28	17.0	25.8	21.3	77.2	19.150	16.6	0.0	0.0	0.0	3.0
PROM	16.3	24.8	20.4	85.5	20.414	17.8	45.4	30.4	75.8	86.0

ESTACION: CHAPETON MUNICIPIO: IBAGUE AÑO: 1.982

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	17.6	24.6	20.1	90.7	21.697	18.7	0.1	0.0	0.1	3.0
2	16.5	26.0	21.3	83.8	21.228	18.4	13.4	22.7	36.1	4.1
3	17.0	25.3	21.2	85.9	21.451	18.6	0.5	17.3	17.8	6.5
4	17.5	25.0	19.8	88.9	20.679	18.0	0.2	0.0	0.2	1.6
5	17.0	25.4	20.3	94.1	22.207	19.2	1.2	2.2	3.4	3.0
6	17.0	26.0	20.7	90.5	21.785	18.8	0.0	0.0	0.0	5.7
7	16.5	25.5	20.3	89.6	21.259	18.4	0.0	0.0	0.0	6.8
8	15.5	25.5	20.4	76.5	18.080	15.9	1.5	0.0	1.5	4.2
9	15.5	26.5	20.4	86.2	20.412	17.7	0.0	0.0	0.0	4.4
10	14.5	24.9	19.9	83.6	19.135	16.7	0.0	0.0	0.0	4.3
11	17.0	25.4	20.6	85.4	20.562	17.9	0.3	1.9	2.2	2.1
12	16.5	25.5	20.5	84.0	20.161	17.6	5.7	0.6	6.3	2.7
13	16.5	25.0	19.9	91.9	21.371	18.5	2.4	0.0	2.4	3.8
14	16.6	25.0	20.9	86.5	21.164	18.4	0.0	0.2	0.2	3.2
15	16.5	24.5	19.8	84.3	19.605	17.2	16.5	1.4	17.9	4.7
16	15.5	24.5	19.9	86.6	19.731	17.2	1.5	7.1	8.6	3.1
17	16.5	25.5	20.9	80.5	19.484	17.0	0.0	0.0	0.0	7.4
18	15.5	24.5	19.9	87.0	20.067	17.5	4.4	15.3	19.7	1.4
19	16.5	25.8	21.0	83.3	20.577	17.9	0.2	0.0	0.2	2.8
20	16.8	23.8	20.2	87.2	20.783	18.0	0.0	0.0	0.0	1.0
21	16.5	26.4	20.5	89.9	21.384	18.5	9.1	0.0	9.1	4.6
22	17.6	28.0	21.7	77.1	19.800	17.3	0.0	0.0	0.0	7.1
23	18.5	28.3	22.4	75.3	20.041	17.5	0.0	0.0	0.0	6.8
24	17.5	25.0	21.3	83.6	21.097	18.3	24.6	0.0	24.6	2.5
25	17.5	25.5	20.5	85.7	20.739	18.0	0.1	0.0	0.1	2.9
26	16.0	25.6	20.9	81.6	19.944	17.4	0.0	0.0	0.0	2.2
27	16.0	26.5	21.5	75.6	19.366	16.8	0.2	14.1	14.3	6.9
28	17.5	23.8	19.8	92.1	21.366	18.6	4.1	0.0	4.1	1.3
29	17.0	25.5	19.9	90.0	20.785	18.1	0.0	0.0	0.0	1.3
30	15.9	26.6	20.6	83.7	20.044	17.5	0.0	0.0	0.0	7.0
31	17.5	24.8	20.6	90.5	21.764	18.8	15.3	11.3	26.6	2.8
PROM.	16.6	25.5	20.6	85.5	20.573	17.9	101.3	94.1	195.4	121.2

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	25.5	21.2	85.0	21.383	18.5	0.3	0.0	0.3	1.0
2	17.5	23.5	20.3	86.6	20.713	18.1	0.2	0.0	0.2	0.3
3	15.5	26.5	20.8	79.1	18.947	16.6	0.0	58.0	58.0	3.4
4	18.3	23.8	20.6	85.3	20.474	17.9	0.0	9.4	9.4	2.3
5	17.0	26.5	21.5	86.1	21.783	18.8	0.0	36.3	36.3	7.6
6	17.5	24.5	19.7	89.7	20.751	18.1	3.9	1.4	5.3	1.8
7	16.5	25.5	20.3	84.5	20.116	17.6	0.0	0.5	0.5	1.5
8	15.5	24.9	20.2	89.3	20.980	18.2	0.0	3.2	3.2	0.9
9	17.0	22.5	20.0	88.0	20.634	18.0	2.4	7.4	9.8	0.6
10	17.6	23.3	19.6	90.5	20.541	17.9	1.0	0.0	1.0	0.0
11	16.0	25.5	20.7	78.1	19.421	17.0	0.0	10.0	10.0	6.2
12	17.0	23.0	19.9	88.8	20.499	17.9	0.0	0.0	0.0	1.9
13	15.0	24.6	20.1	86.0	19.929	17.4	0.0	0.0	0.0	4.0
14	16.0	25.0	21.2	84.3	21.039	18.2	0.0	0.0	0.0	4.8
15	16.0	26.5	20.7	82.7	19.979	17.4	0.0	9.3	9.3	9.0
16	17.0	25.5	21.2	81.8	20.302	17.7	0.6	4.9	5.5	4.7
17	18.3	23.5	20.1	89.0	20.986	18.3	0.5	0.0	0.5	0.8
18	17.0	25.0	21.1	79.3	19.706	17.2	0.0	7.7	7.7	3.1
19	17.5	24.6	20.5	86.7	20.919	18.2	2.0	0.0	2.0	2.7
20	17.5	26.0	20.9	78.0	19.469	17.1	1.3	0.3	1.6	2.9
21	17.4	23.6	19.3	87.9	19.758	17.3	8.7	0.0	8.7	0.5
22	14.5	27.5	21.5	80.8	20.528	17.7	0.0	1.9	1.9	9.5
23	18.0	25.5	21.0	86.7	21.488	18.6	21.0	0.0	21.0	1.8
24	16.5	24.5	20.7	86.0	21.016	18.2	0.0	0.0	0.0	1.5
25	16.0	27.5	22.9	72.3	19.280	16.8	0.0	0.0	0.0	6.6
26	17.6	28.8	23.0	65.5	18.355	16.1	0.0	0.0	0.0	5.2
27	17.5	28.3	21.9	77.9	20.117	17.5	0.0	7.9	7.9	8.5
28	17.5	24.4	18.7	93.6	20.403	17.8	9.6	0.0	9.6	0.8
29	15.5	26.5	20.7	84.0	20.382	17.8	0.0	37.9	37.9	4.8
30	17.0	21.0	18.9	92.6	20.334	17.7	0.4	0.0	0.4	0.0
PROM	16.8	25.1	20.6	84.2	20.341	17.7	51.9	196.1	248.0	98.7

ESTACION: CHAPETON MUNICIPIO: IBAGUE AÑO: 1.982

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

MES - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	26.0	21.3	81.4	20.718	17.9	0.0	46.1	46.1	5.8
2	17.1	24.5	20.4	85.6	20.427	17.8	0.0	0.0	0.0	4.5
3	18.0	25.9	21.7	78.7	20.162	17.6	0.0	16.2	16.2	5.8
4	18.0	26.8	22.3	76.1	20.200	17.6	0.0	23.4	23.4	7.2
5	17.5	25.9	20.8	86.2	21.241	18.4	0.0	0.0	0.0	5.5
6	16.5	26.9	21.2	79.0	19.487	17.0	0.0	0.0	0.0	1.1
7	17.5	26.0	21.6	86.9	21.975	18.9	2.0	0.0	2.0	3.2
8	18.0	26.0	20.5	87.7	21.583	18.7	10.3	23.3	33.6	0.6
9	16.9	26.8	20.8	78.4	19.400	17.0	0.0	0.0	0.0	5.5
10	16.6	25.6	21.0	80.6	20.013	17.5	1.2	0.0	1.2	2.8
11	17.0	26.8	21.5	84.6	21.536	18.7	0.0	2.0	2.0	6.9
12	17.5	26.9	21.5	83.6	21.545	18.7	1.5	0.0	1.5	7.5
13	16.5	26.5	20.7	83.5	20.546	17.9	0.0	0.0	0.0	5.2
14	16.5	26.5	20.4	91.2	22.240	19.1	6.3	3.5	9.8	4.8
15	16.5	25.6	20.3	85.9	20.285	17.7	0.0	3.8	3.8	1.9
16	17.0	25.9	21.1	83.9	20.877	18.2	0.0	0.0	0.0	5.9
17	17.0	25.8	20.1	83.2	19.258	16.8	0.0	73.7	73.7	4.7
18	16.5	25.5	20.9	86.6	21.112	18.3	0.0	2.1	2.1	7.6
19	16.5	24.5	20.6	83.2	19.851	17.3	0.0	0.6	0.6	0.9
20	16.5	25.9	20.8	89.3	21.682	18.7	0.8	28.7	29.5	4.3
21	17.5	22.5	19.5	89.0	20.097	17.5	8.9	0.5	9.4	1.2
22	17.5	25.6	20.9	80.2	19.317	16.9	1.1	33.2	34.3	3.2
23	17.4	24.6	20.4	86.8	20.751	18.1	3.6	0.0	3.6	5.5
24	15.0	26.5	21.5	83.3	20.982	18.1	0.0	66.5	66.5	7.9
25	17.5	25.5	20.5	82.7	19.959	17.4	0.0	5.1	5.1	6.8
26	17.0	23.9	20.5	91.4	21.900	18.9	0.4	9.5	9.9	4.3
27	17.5	24.9	20.8	85.5	20.764	18.1	0.9	1.1	2.0	3.4
28	16.5	22.5	19.4	92.6	20.695	18.0	7.4	0.0	7.4	0.0
29	16.0	25.9	21.3	83.8	20.986	18.2	0.0	0.0	0.0	2.0
30	17.4	27.5	21.9	79.5	20.874	18.1	0.0	0.0	0.0	4.4
31	18.0	27.0	22.0	78.2	20.541	17.9	0.0	0.0	0.0	3.4
PROM.	17.0	25.7	20.9	84.1	20.678	18.0	44.4	339.3	383.7	133.8

MES - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	27.0	21.1	82.5	20.591	17.9	0.0	0.0	0.0	4.2
2	16.0	26.5	21.1	76.9	19.008	16.6	0.0	0.0	0.0	3.8
3	16.5	27.6	21.1	79.0	19.460	17.0	0.0	0.0	0.0	5.6
4	17.0	25.9	21.3	79.0	19.946	17.4	0.0	2.0	2.0	4.5
5	17.5	25.7	20.4	87.6	20.926	18.1	18.5	1.3	19.8	2.5
6	17.0	24.4	19.6	87.3	20.065	17.6	8.7	0.0	8.7	1.4
7	16.5	27.5	22.0	73.6	19.798	17.3	0.0	0.0	0.0	9.6
8	15.5	26.9	22.1	73.7	19.965	17.5	0.0	6.9	6.9	5.0
9	16.5	26.9	20.9	77.1	18.869	16.6	0.0	5.2	5.2	7.9
10	17.0	26.0	20.9	83.6	20.610	18.0	0.0	0.0	0.0	7.2
11	16.0	27.0	22.2	71.4	18.983	16.7	0.0	1.6	1.6	8.5
12	16.0	25.9	21.4	80.7	20.498	17.9	0.0	3.0	3.0	7.8
13	16.0	27.9	22.4	74.3	19.700	17.2	0.0	0.0	0.0	9.5
14	17.5	26.5	21.2	82.8	20.706	18.0	0.0	20.3	20.3	6.0
15	16.0	26.5	20.9	80.2	19.755	17.3	1.5	0.0	1.5	7.9
16	16.5	26.5	20.6	76.0	18.367	16.1	0.0	0.0	0.0	4.0
17	17.0	26.5	20.9	76.3	18.901	16.6	0.0	0.0	0.0	4.9
18	15.5	26.8	21.6	73.2	18.735	16.4	0.0	0.0	0.0	5.5
19	16.0	26.5	22.2	70.1	20.036	17.5	0.0	1.4	1.4	6.0
20	17.0	26.5	21.0	80.2	19.817	17.3	0.1	0.2	0.3	5.2
21	16.0	26.3	20.6	76.8	18.324	16.1	0.0	7.9	7.9	2.7
22	16.0	26.9	21.4	75.9	18.808	16.5	0.0	0.0	0.0	8.1
23	18.0	27.5	21.0	75.5	18.339	16.0	0.0	0.0	0.0	9.9
24	15.5	27.0	20.5	75.3	17.932	15.8	0.0	0.0	0.0	4.8
25	15.0	26.5	19.6	79.9	18.187	16.0	0.0	0.0	0.0	7.8
26	14.5	26.5	20.8	71.4	17.605	15.3	0.0	0.0	0.0	9.7
27	17.5	25.5	21.3	74.8	19.348	17.0	0.0	0.0	0.0	3.1
28	15.0	27.8	21.2	73.0	17.631	15.5	0.0	0.0	0.0	9.3
29	16.0	27.5	20.7	72.4	17.426	15.3	0.0	0.0	0.0	4.5
30	15.5	28.2	22.5	55.9	14.898	12.9	0.0	0.0	0.0	5.9
PROM	16.4	26.7	21.2	78.9	19.108	16.7	28.8	49.8	78.6	182.8

ESTACION: CHAPETON MUNICIPIO: IBAGUE AÑO: 1.982

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

M E S - JULIO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	27.5	21.7	66.7	17.044	15.0	0.0	0.0	0.0	4.9
2	17.0	25.5	21.1	75.6	18.520	16.3	0.0	0.0	0.0	3.4
3	14.5	26.9	22.0	65.2	17.377	15.1	0.0	0.0	0.0	4.1
4	14.5	27.9	21.5	67.2	17.051	14.8	0.1	0.0	0.1	6.6
5	18.5	28.0	22.5	65.9	17.286	15.2	0.0	0.0	0.0	5.7
6	15.5	26.5	20.3	79.9	18.868	16.6	0.0	0.0	0.0	4.7
7	15.8	26.4	21.6	70.3	17.603	15.4	0.0	0.0	0.0	5.6
8	15.0	25.5	19.1	83.5	18.372	16.1	11.4	0.0	11.4	3.2
9	13.5	26.5	20.2	80.0	18.337	16.1	0.0	0.0	0.0	9.9
10	15.4	28.0	20.9	78.2	18.746	16.4	0.0	0.0	0.0	8.3
11	13.5	27.5	22.0	73.9	18.568	16.2	0.0	0.0	0.0	6.2
12	15.5	26.0	21.7	75.4	19.210	16.9	0.8	0.0	0.8	6.1
13	15.5	27.0	20.7	79.1	18.778	16.5	0.0	0.0	0.0	5.6
14	15.0	28.5	20.4	73.5	16.854	14.8	0.0	0.0	0.0	9.4
15	15.5	28.0	20.7	68.9	16.158	14.1	0.0	0.0	0.0	8.7
16	15.0	25.3	19.7	73.8	16.772	14.7	0.0	0.0	0.0	0.4
17	14.0	28.6	22.1	55.4	14.878	12.8	0.0	0.0	0.0	9.8
18	14.0	26.5	21.5	69.7	17.928	15.8	0.7	0.0	0.7	1.7
19	14.5	27.4	19.5	70.8	15.601	13.6	0.0	0.0	0.0	2.2
20	15.5	23.0	19.0	91.5	19.932	17.4	2.6	0.0	2.6	2.0
21	14.0	27.8	21.3	63.6	15.704	13.7	0.0	0.0	0.0	9.7
22	14.5	27.5	21.5	58.5	14.518	12.4	0.0	0.0	0.0	4.8
23	17.5	27.5	21.3	62.2	15.808	13.7	0.0	0.0	0.0	2.3
24	14.0	27.5	20.8	66.7	16.173	14.1	0.0	0.0	0.0	7.7
25	13.5	27.5	21.0	71.2	17.105	15.0	0.0	0.0	0.0	5.2
26	16.0	27.0	20.1	78.4	18.056	15.9	0.0	0.0	0.0	4.5
27	15.5	27.0	20.4	84.7	20.127	17.6	2.6	59.4	62.0	1.8
28	15.5	25.0	20.7	79.1	18.771	16.5	0.0	0.4	0.4	2.5
29	16.0	26.6	20.6	73.9	18.027	15.8	0.0	0.3	0.3	3.1
30	16.0	27.9	22.4	61.3	15.554	13.5	0.0	0.0	0.0	7.5
31	14.5	28.5	20.8	70.7	16.521	14.5	0.0	0.0	0.0	8.6
PROM.	15.2	27.0	20.9	72.2	17.427	15.2	18.2	60.1	78.3	166.2

M E S - AGOSTO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	28.0	21.3	69.8	16.972	14.9	0.0	1.5	1.5	9.0
2	16.5	26.9	21.0	69.2	16.892	14.8	0.0	0.0	0.0	3.9
3	15.5	27.5	21.6	63.6	15.903	13.9	0.0	0.0	0.0	5.1
4	14.5	28.5	21.5	58.1	14.345	12.3	0.0	0.0	0.0	10.3
5	14.5	27.5	21.5	59.9	15.038	13.0	0.2	0.0	0.2	6.0
6	14.5	27.5	22.2	65.9	16.690	14.6	0.0	0.1	0.1	6.8
7	17.5	27.5	22.3	65.6	17.139	15.0	0.0	1.0	1.0	5.4
8	16.6	26.5	22.3	66.0	17.345	15.2	0.2	0.0	0.2	4.0
9	15.4	28.6	21.2	66.5	16.280	14.2	0.0	0.0	0.0	9.2
10	16.5	29.5	22.2	55.6	15.091	13.1	0.0	0.0	0.0	8.6
11	17.0	28.0	22.6	53.1	14.448	12.4	0.0	0.0	0.0	6.9
12	17.5	29.5	21.7	65.0	16.362	14.3	0.0	0.0	0.0	7.6
13	16.5	28.8	22.0	59.6	15.376	13.4	0.0	0.0	0.0	8.6
14	17.5	28.5	21.9	66.3	16.922	14.8	0.0	0.0	0.0	6.1
15	15.5	29.0	21.6	56.9	14.973	12.7	0.0	0.5	0.5	9.5
16	14.5	28.5	21.4	69.1	16.800	14.7	0.0	0.0	0.0	7.6
17	15.5	28.8	23.8	58.5	15.377	13.3	0.0	0.0	0.0	6.8
18	17.5	28.5	23.4	60.3	16.311	14.2	0.0	0.0	0.0	2.4
19	16.0	29.9	23.3	59.7	16.150	14.0	0.0	0.0	0.0	6.0
20	17.5	26.5	22.0	60.9	15.653	13.6	0.0	0.0	0.0	0.2
21	17.5	29.0	22.8	52.0	14.354	12.3	0.0	0.0	0.0	5.0
22	15.5	30.0	23.3	42.6	11.930	9.5	0.0	0.0	0.0	7.8
23	18.6	28.5	25.1	55.0	16.611	14.6	0.0	0.0	0.0	6.0
24	16.5	26.0	23.3	53.8	15.094	13.0	0.0	0.0	0.0	1.3
25	16.0	29.5	24.5	45.8	13.464	11.2	0.0	0.0	0.0	5.6
26	14.0	28.7	24.4	44.5	13.054	10.9	0.0	0.0	0.0	7.2
27	17.0	29.7	24.4	49.3	14.380	12.3	0.0	0.0	0.0	2.8
28	16.6	29.4	23.8	51.6	13.653	11.3	0.0	0.3	0.3	6.0
29	16.5	29.9	24.5	56.2	16.771	14.5	0.0	0.0	0.0	9.2
30	16.0	27.6	21.1	69.6	17.075	15.0	2.5	0.0	2.5	3.5
31	16.5	26.5	20.4	67.4	15.994	14.0	0.0	0.0	0.0	2.2
PROM	16.2	28.3	22.5	59.5	15.563	13.5	2.9	3.4	6.3	186.6

ESTACION: CHAPETON MUNICIPIO: IBAGUE AÑO: 1.982

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	29.0	23.1	55.6	15.385	13.4	0.0	0.0	0.0	5.1
2	17.0	29.6	24.0	53.7	15.009	12.9	0.0	0.0	0.0	7.0
3	16.5	29.9	22.5	62.0	16.327	14.2	0.0	0.0	0.0	3.5
4	17.5	27.7	22.3	64.0	16.621	14.5	0.0	0.0	0.0	1.2
5	17.5	27.9	22.4	63.4	16.916	14.8	0.0	0.0	0.0	2.1
6	18.5	27.5	21.7	53.3	13.846	11.8	0.0	0.0	0.0	2.4
7	17.8	30.8	22.2	57.4	15.136	13.1	0.0	0.0	0.0	6.1
8	18.5	30.6	24.2	56.1	16.644	14.6	0.0	0.0	0.0	7.4
9	18.5	29.0	22.0	69.3	18.162	16.0	0.0	0.0	0.0	2.4
10	17.5	28.6	22.8	72.9	20.025	17.5	0.0	0.0	0.0	4.8
11	17.0	27.0	21.0	78.2	18.959	16.6	0.0	3.2	3.2	3.7
12	15.5	27.5	22.4	70.6	18.634	16.4	0.0	0.0	0.0	6.7
13	16.5	29.5	22.2	69.4	17.883	15.7	0.0	0.2	0.2	7.8
14	19.0	26.5	21.2	77.4	19.530	17.1	7.1	12.3	19.4	2.5
15	17.5	26.5	20.9	80.6	19.587	17.2	6.3	3.3	9.6	3.7
16	17.5	24.8	20.0	87.8	20.538	17.9	7.8	4.0	11.8	1.4
17	16.6	25.5	20.5	84.9	20.368	17.8	0.7	0.2	0.9	2.6
18	17.5	26.9	21.5	78.5	20.045	17.5	0.2	6.3	6.5	5.7
19	17.0	24.9	21.0	85.3	21.136	18.4	0.0	0.0	0.0	1.0
20	16.5	27.5	22.0	67.3	17.439	15.3	0.0	0.0	0.0	3.9
21	17.5	27.8	22.0	68.6	17.845	15.7	0.0	0.0	0.0	7.7
22	15.5	26.6	21.2	61.7	15.728	13.5	0.0	0.0	0.0	0.4
23	15.0	28.1	21.7	73.9	18.442	16.2	0.0	1.5	1.5	7.9
24	17.5	27.5	21.8	75.5	19.100	16.7	0.0	11.1	11.1	5.8
25	16.5	24.9	19.8	88.2	20.470	17.8	0.6	0.4	1.0	4.2
26	15.4	25.8	20.8	82.4	20.202	17.7	1.0	0.0	1.0	2.9
27	14.5	27.9	21.3	75.6	18.552	16.3	0.0	3.3	3.3	8.2
28	16.5	24.7	20.6	79.4	18.747	16.4	0.0	5.1	5.1	0.8
29	16.5	26.5	20.7	86.0	20.868	18.2	0.4	5.5	5.9	3.4
30	17.5	27.0	19.6	90.2	20.108	17.6	6.6	0.0	6.6	2.3
PROM.	16.9	27.5	21.6	72.3	18.275	16.0	30.7	56.4	87.1	124.6

M E S - OCTUBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	25.6	20.9	85.5	21.237	18.4	0.0	0.0	0.0	2.5
2	14.5	26.1	20.7	81.7	19.509	17.1	0.0	38.7	38.7	8.3
3	15.5	24.0	19.5	87.3	19.851	17.3	0.5	0.0	0.5	1.6
4	14.5	26.4	20.3	81.5	18.982	16.7	0.0	9.8	9.8	4.9
5	15.5	26.0	19.6	89.7	19.972	17.4	0.0	0.0	0.0	3.1
6	14.5	26.8	20.8	82.2	19.639	17.1	0.0	1.2	1.2	7.3
7	16.8	26.0	21.0	82.2	20.146	17.6	0.0	0.0	0.0	1.1
8	16.5	25.6	20.2	82.0	19.321	16.9	0.0	4.8	4.8	4.4
9	16.0	26.5	20.8	83.5	20.199	17.6	0.0	0.0	0.0	4.4
10	16.8	21.3	19.0	89.8	19.965	17.5	17.8	0.0	17.8	0.2
11	15.5	25.9	21.6	74.4	18.832	16.5	0.0	0.0	0.0	4.6
12	15.5	25.5	21.3	74.2	18.820	16.5	0.0	0.0	0.0	6.9
13	14.5	26.2	21.3	78.7	19.683	17.2	0.0	5.5	5.5	7.9
14	17.0	25.9	20.3	83.4	20.008	17.5	0.4	7.9	8.3	2.9
15	16.5	25.8	19.8	80.1	18.187	16.0	0.0	0.2	0.2	4.7
16	15.0	26.8	20.1	76.6	17.819	15.7	0.1	7.1	7.2	4.3
17	16.5	25.6	20.9	82.2	20.272	17.7	0.1	3.0	3.1	4.5
18	16.5	26.6	21.8	77.4	20.225	17.5	0.0	28.4	28.4	5.4
19	17.0	25.5	20.3	86.0	20.575	18.0	0.0	0.0	0.0	4.3
20	18.0	25.5	20.6	84.7	20.389	17.8	3.5	0.0	3.5	3.1
21	17.0	23.5	19.1	91.3	20.077	17.6	9.9	0.0	9.9	2.2
22	16.5	24.9	20.4	84.2	20.033	17.5	0.0	6.1	6.1	4.9
23	17.0	23.5	19.4	94.8	21.285	18.5	1.8	27.9	29.7	1.8
24	17.0	20.4	18.9	95.3	20.688	18.0	16.9	0.0	16.9	0.0
25	16.5	24.5	19.6	86.9	19.922	17.4	0.0	0.1	0.1	1.0
26	16.5	24.0	19.7	85.0	19.348	16.9	0.0	0.0	0.0	0.4
27	14.0	25.5	19.9	74.3	17.112	15.0	0.0	0.0	0.0	2.9
28	14.5	24.9	19.9	84.5	19.393	16.9	0.2	0.0	0.2	2.9
29	14.5	25.0	20.2	80.3	18.510	16.2	0.0	0.0	0.0	5.8
30	14.5	26.8	21.6	79.3	19.840	17.3	0.0	0.0	0.0	6.2
31	16.0	27.5	23.2	67.9	19.429	17.0	0.0	0.6	0.6	7.3
PROM	15.9	25.3	20.4	82.8	19.654	17.2	51.2	141.3	192.5	121.8

ESTACION: CHAPETON MUNICIPIO: IBAGUE AÑO: 1.982

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	18.0	24.5	21.0	88.7	22.229	19.2	0.1	2.3	2.4	1.6
2	16.5	25.5	20.4	85.7	20.568	17.9	2.2	1.6	3.8	2.5
3	16.6	25.5	20.1	85.9	20.135	17.6	1.7	1.6	3.3	2.9
4	16.0	23.5	20.0	92.7	21.574	18.7	2.7	0.0	2.7	2.1
5	15.5	23.5	20.2	88.3	20.674	18.0	0.3	0.0	0.3	1.1
6	16.4	24.9	18.9	90.8	19.963	17.4	10.0	0.0	10.0	1.6
7	15.5	24.9	20.7	85.3	20.928	18.1	1.7	0.0	1.7	2.0
8	16.5	25.0	20.3	90.5	21.322	18.5	0.0	0.0	0.0	2.5
9	15.5	27.6	22.1	74.6	19.707	17.2	0.0	0.0	0.0	7.6
10	15.5	26.8	21.5	81.5	20.858	18.2	0.0	2.0	2.0	5.5
11	17.5	25.8	20.6	86.2	20.625	18.0	2.8	2.4	5.2	3.4
12	17.5	24.5	20.6	90.2	21.816	18.9	0.0	41.1	41.1	3.3
13	17.5	26.0	20.7	83.7	20.569	17.9	0.0	0.0	0.0	6.3
14	17.5	28.1	22.2	77.0	20.748	18.1	0.0	0.0	0.0	3.9
15	17.4	27.6	21.9	79.7	20.914	18.2	0.0	0.1	0.1	4.9
16	18.5	27.5	21.6	80.9	20.698	18.0	0.0	1.9	1.9	2.8
17	18.0	23.6	18.8	92.6	20.232	17.7	36.7	0.0	36.7	0.4
18	14.5	25.5	20.1	88.8	21.265	18.4	2.3	0.0	2.3	0.6
19	16.8	27.5	20.6	84.4	20.465	17.8	0.0	0.0	0.0	5.4
20	16.8	25.9	20.5	83.8	20.009	17.5	0.8	15.6	16.4	0.5
21	17.0	25.6	20.6	91.0	22.106	19.1	4.3	0.0	4.3	2.3
22	16.4	25.0	19.8	90.3	20.979	18.2	1.9	0.0	1.9	3.4
23	16.6	25.4	20.0	82.4	19.490	17.0	0.0	0.3	0.3	3.2
24	16.5	24.3	19.3	85.4	19.132	16.8	3.8	0.0	3.8	1.8
25	14.5	26.8	20.6	76.4	18.350	16.1	0.0	0.0	0.0	5.7
26	14.5	25.5	19.3	84.1	18.912	16.6	5.8	0.4	6.2	4.9
27	14.5	25.4	19.5	86.5	19.878	17.3	0.0	1.4	1.4	5.3
28	16.0	25.6	19.7	74.4	17.464	15.1	0.0	0.0	0.0	5.1
29	14.0	26.8	20.3	76.8	18.579	16.3	0.0	0.0	0.0	6.7
30	16.0	26.9	21.0	83.3	20.528	17.9	0.0	0.0	0.0	7.1
PROM.	16.3	25.7	20.4	84.7	20.357	17.7	77.1	70.7	147.8	106.4

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	15.9	26.4	20.4	84.1	20.088	17.5	0.2	0.0	0.2	1.0
2	15.5	27.5	22.4	75.5	20.198	17.6	0.0	0.0	0.0	6.6
3	16.4	26.5	21.8	79.4	20.405	17.8	0.0	17.3	17.3	7.2
4	16.8	24.3	20.4	87.4	20.672	18.0	0.0	23.0	23.0	0.0
5	16.8	23.0	20.0	85.6	20.603	18.0	32.8	0.0	32.8	2.3
6	15.5	26.5	19.9	88.3	20.263	17.7	0.0	0.0	0.0	3.3
7	16.5	25.8	21.1	78.0	19.432	17.0	0.0	0.5	0.5	5.3
8	16.7	25.8	20.9	89.4	22.014	19.0	0.0	0.0	0.0	3.1
9	16.9	24.9	20.9	86.4	21.209	18.4	0.0	0.0	0.0	1.0
10	16.5	25.5	20.9	86.1	21.172	18.3	1.4	0.0	1.4	1.5
11	16.0	24.5	20.4	88.5	20.921	18.2	0.0	0.0	0.0	3.2
12	16.5	26.2	21.1	78.2	19.299	16.9	0.0	42.7	42.7	1.8
13	17.0	24.6	19.8	88.7	20.875	18.2	0.0	0.0	0.0	2.5
14	16.5	26.9	22.4	76.1	20.649	17.8	0.0	0.0	0.0	6.7
15	14.5	27.5	21.0	83.1	20.398	17.7	0.0	9.6	9.6	7.2
16	17.5	25.8	21.2	82.9	20.772	18.1	0.0	6.5	6.5	5.0
17	17.5	23.0	19.8	92.2	21.367	18.6	0.4	2.9	3.3	0.8
18	16.5	24.0	20.4	89.1	21.292	18.5	0.0	20.0	20.0	1.9
19	17.0	23.5	20.1	92.9	21.791	18.8	0.0	1.3	1.3	0.0
20	17.6	24.6	21.0	83.6	20.743	18.0	0.0	0.0	0.0	1.7
21	17.0	26.5	22.2	78.1	20.515	17.9	0.0	9.0	9.0	3.9
22	17.0	25.5	21.1	76.6	18.761	16.5	0.2	0.0	0.2	5.0
23	15.5	25.5	20.8	77.9	18.910	16.5	0.0	0.0	0.0	6.0
24	15.5	25.6	20.4	77.6	18.535	16.2	0.7	1.3	2.0	5.4
25	16.0	25.3	20.2	83.0	19.746	17.3	2.3	0.0	2.3	3.4
26	15.5	24.8	21.8	66.1	17.382	15.2	0.0	0.2	0.2	5.5
27	16.5	24.5	19.6	86.9	20.042	17.5	8.8	0.6	9.4	0.3
28	17.0	23.5	20.1	85.4	20.053	17.5	0.0	0.0	0.0	4.3
29	14.0	24.0	20.5	75.5	18.503	16.0	0.7	6.4	7.1	1.8
30	16.5	22.5	19.4	94.2	21.234	18.5	1.9	0.0	1.9	2.1
31	14.5	26.6	20.6	80.2	19.285	16.9	0.0	0.0	0.0	7.9
PROM	16.3	25.2	20.7	83.1	20.230	17.6	49.4	141.3	190.7	107.7

ESTACION: CHAPETON MUNICIPIO IBAGUE AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.9	25.0	20.2	13.5	26.9	85.8	20.065	17.4	161.2	16	148.5
FEBRERO	16.3	24.8	20.4	13.5	26.6	85.5	20.414	17.8	75.8	13	86.0
MARZO	16.6	25.5	20.6	14.5	28.3	85.5	20.573	17.9	195.4	20	121.2
ABRIL	16.8	25.1	20.6	14.5	28.8	84.2	20.341	17.7	248.0	24	98.7
MAYO	17.0	25.7	20.9	15.0	27.5	84.1	20.678	18.0	383.7	22	133.8
JUNIO	16.4	26.7	21.2	14.5	28.2	76.9	19.108	16.7	78.6	12	182.8
JULIO	15.2	27.0	20.9	13.5	28.6	72.2	17.427	15.2	78.3	8	166.2
AGOSTO	16.2	28.3	22.5	13.5	30.0	59.5	15.563	13.5	6.3	8	186.6
SEPTIEMBRE	16.9	27.5	21.6	14.5	30.8	72.3	18.275	16.0	87.1	15	124.6
OCTUBRE	15.9	25.3	20.4	14.0	27.5	82.8	19.654	17.2	192.5	20	121.8
NOVIEMBRE	16.3	25.7	20.4	14.0	28.1	84.7	20.357	17.7	147.8	21	106.4
DICIEMBRE	16.3	25.2	20.7	14.0	27.5	83.1	20.230	17.6	190.7	20	107.7
PROMEDIO	16.3	26.0	20.9	14.1	28.2	79.7	19.390	16.9			
TOTAL									1845.4	199	1584.3

ESTACION: LUIS BUSTAMANTE MUNICIPIO: VILLARRICA AÑO: 1.982

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	15.3	21.0	18.0	82.4	17.199	15.0	0.5	19.7	20.2	0.5
2	15.3	22.0	17.9	83.7	17.339	15.2	8.0	1.4	9.4	1.8
3	15.8	20.0	17.5	89.8	17.826	15.7	3.0	44.6	47.6	0.3
4	15.0	19.0	16.3	86.6	15.947	14.0	5.6	0.4	6.0	0.2
5	15.0	21.0	18.1	84.4	17.679	15.6	33.7	1.6	35.3	0.8
6	15.3	22.0	18.3	86.1	18.355	16.1	6.5	18.0	24.5	3.8
7	15.3	20.0	17.4	88.2	17.714	15.6	16.4	0.0	16.4	0.4
8	14.0	22.5	18.3	76.5	16.071	14.0	0.0	0.0	0.0	4.2
9	15.6	20.5	18.7	82.1	17.693	15.5	0.0	37.2	37.2	1.7
10	15.4	21.5	19.2	82.6	17.938	15.7	0.4	0.0	0.4	1.6
11	14.5	22.5	18.6	70.1	14.759	12.7	0.5	0.0	0.5	4.5
12	15.3	24.0	19.2	74.5	16.324	14.2	0.0	0.0	0.0	4.5
13	15.6	23.0	19.5	78.8	17.888	15.6	0.0	0.0	0.0	3.0
14	15.0	24.0	20.0	73.9	17.287	14.8	0.0	0.0	0.0	5.2
15	16.3	23.0	19.4	72.4	16.626	14.5	15.0	0.0	15.0	3.5
16	15.0	22.0	19.7	76.7	17.302	15.2	0.0	0.4	0.4	2.5
17	15.0	23.5	20.3	75.3	17.565	15.4	0.0	0.6	0.6	4.1
18	15.6	23.0	18.8	78.6	17.318	15.1	0.0	0.0	0.0	4.0
19	15.0	24.0	19.4	73.0	16.516	14.4	0.0	0.0	0.0	5.1
20	14.4	22.7	19.8	78.8	17.625	15.5	0.0	0.0	0.0	5.1
21	14.7	23.7	19.9	70.7	16.417	14.2	0.0	0.0	0.0	7.2
22	15.5	24.0	20.5	73.0	16.696	14.6	0.0	0.0	0.0	6.3
23	14.7	23.3	20.4	81.4	19.020	16.5	0.0	0.0	0.0	6.1
24	15.0	23.5	20.0	64.7	14.770	12.4	0.0	0.0	0.0	5.8
25	14.5	23.5	20.2	67.3	16.064	13.8	2.0	1.0	3.0	5.7
26	15.5	23.5	19.4	74.8	16.510	14.5	0.0	68.0	68.0	0.7
27	15.5	21.0	18.6	85.1	17.734	15.6	6.0	7.7	13.7	5.1
28	14.6	22.0	18.2	84.9	17.261	15.2	0.4	0.0	0.4	1.0
29	14.6	21.0	18.1	83.9	17.269	15.1	0.1	0.0	0.1	0.6
30	15.4	22.0	19.6	80.3	17.426	15.3	0.0	0.0	0.0	2.1
31	15.0	23.8	19.8	80.1	17.951	15.6	0.0	0.0	0.0	2.5
PROM.	15.1	22.3	19.0	78.6	17.100	14.9	98.1	200.6	298.7	99.9

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	21.5	18.2	80.4	16.931	14.7	3.2	0.0	3.2	3.5
2	15.5	20.5	18.4	82.2	17.514	15.3	0.6	0.0	0.6	2.0
3	15.0	21.2	17.9	76.1	15.745	13.6	7.8	0.0	7.8	2.6
4	15.5	23.0	19.1	82.0	17.476	15.4	3.8	0.0	3.8	0.6
5	15.5	20.2	18.2	84.1	17.383	15.3	4.8	0.0	4.8	0.4
6	15.0	24.0	20.0	76.7	17.436	15.2	3.0	26.6	29.6	2.7
7	15.0	22.0	19.5	81.5	17.873	15.7	0.1	0.0	0.1	1.0
8	16.5	23.5	20.2	78.9	18.051	15.8	6.3	0.0	6.3	3.2
9	16.0	23.5	18.8	79.1	17.271	15.1	0.0	0.0	0.0	2.4
10	16.5	23.0	20.4	76.7	17.987	15.8	0.0	0.0	0.0	0.7
11	17.0	22.0	19.2	84.6	18.742	16.4	8.0	2.0	10.0	0.4
12	16.5	23.0	18.7	76.8	16.726	14.6	1.2	0.0	1.2	2.5
13	16.0	23.5	19.2	81.8	18.249	16.1	3.2	29.1	32.3	4.0
14	15.5	20.0	18.2	87.2	18.159	16.0	1.2	3.2	4.4	0.4
15	15.6	20.5	17.7	86.3	17.871	15.7	16.0	3.4	19.4	0.8
16	15.0	23.0	19.0	81.9	17.928	15.8	0.0	10.0	10.0	5.2
17	15.5	23.0	19.2	81.4	18.127	15.9	0.0	25.6	25.6	1.9
18	15.0	20.0	18.1	79.0	16.338	14.3	1.3	0.0	1.3	3.5
19	15.5	21.6	18.9	80.1	17.663	15.5	2.1	4.9	7.0	3.0
20	15.5	20.5	17.6	88.1	17.663	15.5	3.0	15.1	18.1	0.0
21	15.0	20.8	17.3	83.1	16.030	14.0	2.1	0.1	2.2	1.7
22	15.5	21.5	17.7	87.9	17.970	15.8	0.0	0.0	0.0	0.4
23	15.0	22.5	18.0	81.2	16.601	14.6	0.3	1.9	2.2	1.8
24	16.2	21.0	17.6	87.3	17.566	15.5	0.2	0.0	0.2	0.0
25	14.5	23.3	17.8	78.0	15.712	13.7	12.4	0.0	12.4	3.3
26	15.5	24.0	19.7	78.0	17.852	15.7	1.0	0.0	1.0	1.8
27	16.0	24.0	19.4	78.3	17.587	15.5	0.8	13.5	14.3	2.1
28	15.0	21.0	18.4	80.0	17.130	14.9	5.0	1.8	6.8	1.6
PROM	15.6	22.1	18.7	81.4	17.414	15.3	87.4	137.2	224.6	53.5

ESTACION: LUIS BUSTAMANTE MUNICIPIO: VILLARRICA AÑO: 1.982

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

M E S - MARZO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.3	22.5	18.2	73.5	16.298	14.3	3.7	11.0	14.7	0.0
2	15.5	22.0	18.7	83.9	18.244	16.0	3.9	0.8	4.7	4.0
3	15.3	22.0	18.3	73.2	17.501	15.4	0.0	1.0	1.0	
4	15.1	22.5	18.0	78.0	16.908	14.9	0.0	2.1	2.1	1.8
5	15.5	22.5	18.2	78.6	17.423	15.3	0.0	18.7	18.7	2.7
6	16.3	22.5	19.3	83.8	18.747	16.4	0.0	5.2	5.2	2.9
7	15.0	21.5	18.4	75.4	17.017	14.9	0.6	0.0	0.6	3.7
8	16.2	22.0	18.1	82.0	17.229	15.1	2.8	42.2	45.0	1.7
9	15.1	22.5	18.8	78.1	16.821	14.8	0.0	5.9	5.9	
10	16.0	23.5	19.2	84.9	18.751	16.5	0.0	0.7	0.7	3.1
11	15.5	22.0	18.9	82.9	18.311	16.1	0.0	2.2	2.2	1.0
12	15.0	23.0	19.5	75.1	17.126	15.1	0.4	0.0	0.4	4.1
13	15.0	22.0	18.3	82.1	17.604	15.4	6.1	0.0	6.1	1.0
14	15.5	20.5	18.0	87.1	17.901	15.7	45.0	2.0	47.0	1.7
15	15.0	23.5	19.1	85.4	19.354	16.9	6.9	9.5	16.4	1.3
16	15.0	20.0	17.8	85.5	17.480	15.4	4.6	18.3	22.9	1.1
17	15.0	22.0	18.5	83.6	18.862	16.5	4.4	56.2	60.6	2.8
18	15.6	22.0	18.3	85.5	17.995	15.8	5.3	0.0	5.3	0.7
19	16.0	22.0	18.4	87.5	18.971	16.6	17.5	0.5	18.0	1.5
20	15.5	22.0	18.2	88.4	18.485	16.2	9.8	0.0	9.8	0.0
21	15.5	22.5	18.7	88.1	19.033	16.7	0.4	0.0	0.4	1.1
22	17.0	21.3	18.0	84.0	17.424	15.3	16.6	0.0	16.6	2.2
23	15.3	22.0	19.5	81.5	18.396	16.1	1.2	0.0	1.2	3.2
24	16.7	23.3	19.6	81.7	18.712	16.5	0.0	3.6	3.6	3.0
25	16.2	23.0	18.9	82.7	18.047	15.9	2.9	37.0	39.9	3.4
26	15.6	23.0	19.1	78.8	17.885	15.7	0.0	5.5	5.5	3.7
27	16.0	21.5	18.2	83.9	17.681	15.6	0.0	3.0	3.0	3.2
28	15.6	20.6	18.3	85.1	18.188	16.0	0.0	0.0	0.0	0.8
29	16.3	21.0	17.7	90.0	18.438	16.2	2.2	0.0	2.2	0.6
30	15.3	22.0	19.0	78.3	17.138	15.1	0.6	0.0	0.6	2.6
31	16.5	22.4	19.7	81.4	18.686	16.4	5.2	0.0	5.2	1.8
PROM.	15.6	22.1	18.8	82.6	17.957	15.8	140.1	225.4	365.5	

M E S - ABRIL

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	21.0	18.5	85.2	18.381	16.1	0.0	0.0	0.0	0.1
2	15.5	20.3	18.3	86.9	18.260	16.0	0.0	0.0	0.0	0.0
3	16.5	21.0	19.1	87.2	19.156	16.8	0.0	7.6	7.6	0.8
4	15.6	22.4	18.1	90.4	18.877	16.6	55.8	1.6	57.4	0.1
5	14.9	21.6	19.0	80.0	17.630	15.4	0.0	0.0	0.0	2.1
6	16.0	19.0	17.9	88.6	18.044	15.8	12.0	4.1	16.1	0.0
7	15.5	21.7	18.7	87.4	18.829	16.5	3.5	13.5	17.0	1.3
8	15.8	20.0	17.8	91.7	18.445	16.2	0.0	0.0	0.0	0.0
9	15.4	21.9	17.8	90.5	18.213	16.0	10.8	3.4	14.2	3.1
10	15.0	20.5	17.6	94.0	18.767	16.5	9.5	0.0	9.5	1.1
11	15.0	22.0	19.6	78.4	18.003	15.8	4.0	0.0	4.0	1.7
12	16.0	22.5	19.0	98.7	19.530	17.1	0.0	14.8	14.8	2.9
13	15.3	21.5	18.8	88.5	19.354	16.9	6.0	14.0	20.0	2.4
14	16.0	23.0	19.3	86.3	19.885	17.3	30.2	17.0	47.2	3.0
15	16.6	22.0	19.2	85.6	19.182	16.8	0.0	4.0	4.0	2.7
16	16.5	22.5	19.2	84.4	19.026	16.7	0.0	0.0	0.0	2.7
17	15.0	21.5	17.3	86.7	17.172	15.1	0.0	10.6	10.6	0.8
18	15.0	22.0	18.9	89.4	19.819	17.3	0.2	13.1	13.3	2.1
19	15.1	20.6	18.6	94.4	18.130	15.9	3.8	0.0	3.8	0.0
20	16.2	22.2	18.4	87.7	18.629	16.4	9.3	0.0	9.3	1.3
21	16.2	20.0	18.5	87.7	18.453	16.2	10.9	0.0	10.9	0.0
22	15.8	23.6	18.5	83.2	18.162	15.9	1.3	17.1	18.4	2.8
23	17.0	22.2	19.0	86.5	19.307	16.9	4.2	0.0	4.2	0.0
24	16.5	20.6	18.3	81.4	17.298	15.1	0.0	0.0	0.0	0.1
25	16.0	23.5	19.5	78.8	18.288	16.1	0.0	1.7	1.7	3.9
26	16.4	23.0	19.2	83.3	19.072	16.5	29.0	0.0	29.0	2.5
27	15.4	20.5	18.4	84.1	18.017	15.8	0.0	3.0	3.0	2.4
28	15.5	22.0	18.4	87.0	19.159	16.7	24.8	0.3	25.1	0.1
29	16.5	22.6	19.6	85.1	19.526	17.1	0.0	34.6	34.6	3.2
30	16.5	22.0	18.4	87.9	19.101	16.6	19.3	0.0	19.3	0.0
PROM	15.8	21.6	18.6	86.2	18.657	16.3	234.6	160.4	395.0	43.2

ESTACION: LUIS BUSTAMANTE MUNICIPIO: VILLARRICA AÑO: 1.982

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	23.0	19.0	84.5	18.861	16.5	1.2	3.5	4.7	1.2
2	15.5	23.5	18.9	86.1	19.086	16.7	16.1	0.0	16.1	2.5
3	17.0	21.6	18.6	85.0	18.475	16.2	0.0	0.0	0.0	0.0
4	16.0	23.0	18.3	84.6	18.532	16.3	7.2	14.4	21.6	1.4
5	16.6	22.0	18.9	81.8	18.012	15.8	9.6	0.1	9.7	0.9
6	15.2	23.0	19.2	81.7	18.549	16.2	21.7	0.0	21.7	1.3
7	14.5	23.5	19.1	87.1	19.685	17.2	0.0	0.0	0.0	2.1
8	15.6	23.5	19.4	88.1	20.447	17.7	26.6	2.7	29.3	2.6
9	16.0	23.0	19.0	83.6	18.736	16.4	7.1	0.0	7.1	2.1
10	16.0	23.0	19.2	77.6	17.915	15.6	5.3	0.0	5.3	2.8
11	15.1	22.0	19.0	83.3	18.352	16.1	0.0	0.0	0.0	6.9
12	15.4	23.6	18.9	86.2	19.342	16.9	0.0	0.0	0.0	3.3
13	15.8	22.2	19.2	81.0	18.324	16.0	0.0	0.0	0.0	1.1
14	16.4	22.3	19.2	85.0	19.248	16.8	2.5	0.0	2.5	2.2
15	15.0	23.4	19.4	81.1	18.967	16.5	0.0	0.0	0.0	0.0
16	15.6	22.0	19.1	82.8	18.699	16.4	3.0	0.0	3.0	0.0
17	15.6	22.0	18.4	84.7	18.068	15.8	2.2	0.0	2.2	0.0
18	15.6	23.0	18.7	84.0	18.474	16.1	10.9	1.0	11.9	3.8
19	15.1	20.0	18.2	87.0	18.042	15.9	2.0	0.0	2.0	1.5
20	14.6	23.0	18.5	84.5	18.210	15.9	0.7	14.9	15.6	2.2
21	13.6	22.4	18.4	89.6	19.045	16.6	17.6	3.4	21.0	0.1
22	15.0	23.0	18.6	82.7	18.046	15.7	3.0	35.9	38.9	1.2
23	14.3	23.0	18.6	90.3	19.679	17.0	7.4	0.0	7.4	0.0
24	14.6	23.5	18.2	81.5	17.496	15.2	6.8	28.6	35.4	2.1
25	14.4	20.6	17.6	89.6	18.322	16.0	0.0	0.0	0.0	0.5
26	15.0	21.3	17.3	86.9	17.009	15.0	41.7	4.7	46.4	0.4
27	15.1	22.0	18.0	86.4	18.054	15.9	18.0	1.0	19.0	0.2
28	15.1	18.6	18.1	86.3	17.895	15.7	6.2	0.0	6.2	0.0
29	15.3	20.0	17.6	82.7	16.900	14.8	28.0	0.0	28.0	0.2
30	15.1	20.4	17.9	83.3	16.800	14.7	4.4	0.0	4.4	1.3
31	16.1	20.3	18.1	85.0	17.840	15.7	18.1	0.0	18.1	0.0
PROM.	15.4	22.2	18.6	84.6	18.423	16.1	267.3	110.2	377.5	43.9

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	21.0	18.0	86.3	17.943	15.8	10.2	0.0	10.2	0.9
2	16.0	22.3	18.0	82.0	17.381	15.3	0.3	0.0	0.3	3.4
3	16.0	22.2	18.4	82.0	17.378	15.3	1.0	0.0	1.0	2.7
4	16.3	22.0	19.1	75.5	17.058	15.0	7.3	0.3	7.6	0.0
5	16.1	21.4	18.8	84.8	18.628	16.4	0.7	0.0	0.7	0.8
6	15.5	19.5	17.7	90.9	18.678	16.4	13.4	0.0	13.4	0.0
7	15.0	22.0	19.2	84.3	18.618	16.3	0.0	0.0	0.0	3.5
8	16.3	21.6	18.7	87.6	18.699	16.4	2.2	0.0	2.2	0.7
9	15.3	23.0	18.6	78.3	17.023	14.9	5.6	0.0	5.6	3.7
10	16.5	23.2	18.7	88.2	19.170	16.7	4.2	0.0	4.2	5.5
11	16.4	23.8	20.3	75.2	17.973	15.8	0.0	2.2	2.2	4.5
12	15.5	23.0	19.5	86.9	19.503	17.0	5.3	0.0	5.3	2.0
13	15.3	23.5	19.7	80.5	18.402	16.1	1.5	0.0	1.5	4.3
14	17.0	23.0	19.6	78.4	18.087	15.9	0.0	0.0	0.0	3.1
15	15.3	23.8	20.0	75.9	17.619	15.5	0.0	0.0	0.0	2.1
16	16.3	22.0	18.7	82.6	17.720	15.6	1.1	0.0	1.1	2.6
17	15.5	21.5	18.6	85.9	18.258	16.1	1.8	0.0	1.8	2.6
18	15.6	22.5	19.2	82.6	18.395	16.2	0.0	0.0	0.0	1.1
19	16.5	23.8	19.9	71.3	16.446	14.4	0.0	0.0	0.0	7.3
20	15.5	21.3	17.3	84.0	16.631	14.6	5.7	0.0	5.7	1.3
21	15.0	23.1	18.5	77.6	16.588	14.5	1.0	0.0	1.0	1.6
22	15.6	24.0	19.3	80.9	18.064	15.9	0.0	0.0	0.0	7.0
23	16.0	23.3	19.1	73.1	16.555	14.3	0.0	0.0	0.0	5.7
24	16.0	23.0	19.1	77.5	17.108	15.0	0.0	0.0	0.0	3.9
25	16.0	24.0	19.4	74.9	16.858	14.8	0.0	0.0	0.0	6.0
26	16.0	24.8	21.0	66.9	16.795	14.5	0.0	0.0	0.0	7.0
27	17.1	22.5	19.4	84.2	19.155	16.6	1.0	0.0	1.0	2.5
28	15.0	24.3	20.7	66.2	16.354	14.4	0.0	0.0	0.0	4.8
29	16.5	23.0	20.1	75.4	17.901	15.8	0.0	0.0	0.0	6.4
30	16.5	23.6	19.7	78.5	18.053	15.9	0.0	0.0	0.0	2.9
PROM	15.9	22.7	19.1	79.9	17.768	15.6	62.3	2.5	64.8	99.9

ESTACION: LUIS BUSTAMANTE MUNICIPIO: VILLARRICA AÑO: 1.982

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	16.3	21.3	19.0	80.1	17.784	15.6	0.0	0.1	0.1	2.2
2	16.3	20.3	18.5	86.4	18.661	16.3	1.6	0.0	1.6	1.8
3	14.3	22.0	20.0	79.4	18.671	16.4	0.6	0.0	0.6	2.7
4	15.4	21.4	19.2	74.4	16.299	14.2	2.2	1.6	3.8	1.1
5	16.3	21.0	18.5	82.3	17.769	15.6	2.8	0.0	2.8	2.1
6	15.1	22.0	18.2	86.5	18.082	15.8	1.2	0.0	1.2	3.9
7	16.0	23.0	19.6	75.3	17.296	15.2	0.0	0.0	0.0	0.0
8	15.6	23.0	18.3	81.0	17.110	14.9	5.5	0.0	5.5	1.2
9	15.0	24.5	19.8	70.1	16.473	14.4	0.0	0.0	0.0	5.6
10	16.0	23.0	20.1	74.1	17.462	15.4	0.0	0.0	0.0	3.1
11	17.0	23.3	19.5	70.1	16.378	14.3	0.0	0.3	0.3	4.1
12	16.1	22.5	18.6	79.6	17.376	15.2	1.7	0.4	2.1	1.7
13	14.1	21.3	18.3	78.1	16.390	14.3	0.0	0.0	0.0	1.4
14	14.9	24.0	19.6	68.7	15.784	13.8	0.0	0.0	0.0	7.3
15	15.5	25.5	20.2	66.8	15.954	13.9	0.0	0.0	0.0	7.5
16	16.3	23.3	18.9	69.7	15.472	13.5	0.0	0.0	0.0	9.6
17	15.0	24.4	21.1	63.3	15.553	13.6	1.1	0.0	1.1	3.9
18	16.5	22.5	19.4	83.2	18.809	16.5	0.0	0.0	0.0	2.2
19	15.5	22.2	18.6	72.8	15.588	13.6	0.6	0.0	0.6	1.3
20	15.5	20.5	17.5	78.9	15.801	13.8	0.0	0.0	0.0	2.3
21	14.3	25.0	18.8	70.3	15.331	13.4	3.3	1.0	4.3	5.6
22	15.5	22.6	18.9	70.9	15.485	13.5	0.0	0.0	0.0	1.6
23	16.0	23.0	19.2	71.8	15.923	13.9	0.0	0.0	0.0	3.0
24	16.0	23.5	18.4	73.4	15.603	13.6	0.0	0.0	0.0	1.8
25	15.5	23.0	19.4	70.0	15.750	13.8	0.0	0.0	0.0	2.6
26	16.5	22.0	18.7	75.6	16.436	14.4	0.0	0.5	0.5	0.0
27	15.0	20.2	17.8	77.4	15.860	13.9	2.3	0.0	2.3	0.1
28	15.5	20.8	18.4	86.2	18.111	15.9	1.8	0.0	1.8	0.4
29	14.0	23.0	18.0	73.6	15.422	13.4	0.0	0.2	0.2	2.7
30	15.0	23.5	19.4	76.4	17.182	15.1	1.0	0.0	1.0	2.6
31	16.0	23.8	19.9	69.2	16.077	13.9	0.0	0.0	0.0	3.7
PROM.	15.5	22.6	19.0	75.3	16.642	14.6	25.7	4.1	29.8	89.1

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	24.0	19.1	72.3	15.920	14.0	0.6	0.9	1.5	3.9
2	15.1	22.5	19.2	78.9	17.491	15.4	0.3	0.0	0.3	2.9
3	15.0	24.0	19.5	69.9	15.922	13.9	0.0	0.6	0.6	4.5
4	15.3	24.4	20.0	64.5	14.851	12.9	0.0	0.0	0.0	7.2
5	15.0	24.0	19.8	59.9	14.194	11.9	0.0	0.0	0.0	5.2
6	15.5	23.5	19.9	70.7	16.255	14.2	0.2	0.0	0.2	3.3
7	16.0	22.0	18.4	83.6	17.556	15.4	2.6	0.0	2.6	0.9
8	14.5	22.4	18.8	77.3	16.597	14.6	0.0	0.0	0.0	3.7
9	14.6	25.0	20.8	61.6	14.931	13.0	0.0	0.0	0.0	4.4
10	17.0	24.8	20.2	63.5	15.370	13.3	0.0	0.0	0.0	3.8
11	16.3	24.4	20.2	66.8	15.655	13.7	0.0	0.0	0.0	6.5
12	16.0	25.0	19.8	67.3	15.456	13.5	0.0	0.0	0.0	4.8
13	15.5	24.5	20.0	65.4	15.137	13.2	0.6	0.0	0.6	2.5
14	16.5	24.5	19.8	67.3	15.904	13.9	0.1	0.0	0.1	3.1
15	17.0	25.0	20.7	64.9	15.916	13.9	0.0	0.0	0.0	3.5
16	15.0	25.5	18.5	77.9	16.321	14.3	0.0	0.0	0.0	4.5
17	15.5	24.9	19.7	68.4	15.484	13.5	0.0	0.0	0.0	3.5
18	17.0	22.6	19.3	73.6	16.361	14.4	0.0	0.0	0.0	1.4
19	15.5	22.6	19.9	75.5	17.571	15.5	0.3	0.0	0.3	2.1
20	16.5	21.8	17.9	84.0	17.111	15.0	8.7	0.0	8.7	2.4
21	16.0	25.0	19.0	72.9	16.408	14.3	0.0	0.0	0.0	6.7
22	15.5	25.5	21.4	62.3	16.007	14.0	0.0	0.0	0.0	6.7
23	15.6	23.6	20.6	78.4	18.605	16.3	0.0	0.0	0.0	4.0
24	16.6	24.2	21.2	72.0	18.136	15.9	0.0	0.0	0.0	3.7
25	16.3	25.0	19.8	71.9	16.421	14.4	0.0	0.0	0.0	3.8
26	15.5	23.0	20.4	67.0	16.173	14.2	0.0	0.0	0.0	1.8
27	16.6	25.6	20.6	67.8	16.286	14.3	0.0	0.0	0.0	2.9
28	16.5	25.4	20.9	66.4	16.253	14.2	0.0	0.0	0.0	5.1
29	16.5	25.5	21.2	66.6	16.132	14.1	0.0	0.9	0.9	3.8
30	16.3	23.5	19.0	71.3	15.654	13.7	0.0	0.0	0.0	1.3
31	16.5	23.3	18.4	75.5	16.440	14.4	0.0	0.0	0.0	2.8
PROM	15.9	24.1	19.8	70.5	16.210	14.2	13.4	2.4	15.8	116.7

ESTACION: LUIS BUSTAMANTE MUNICIPIO: VILLARRICA AÑO: 1.982

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	25.0	19.9	71.1	16.495	14.5	0.2	0.0	0.2	1.2
2	16.5	25.0	19.9	70.1	16.410	14.4	0.0	0.0	0.0	4.0
3	17.5	24.0	19.8	70.9	16.480	14.5	0.0	0.0	0.0	2.4
4	17.0	24.5	19.7	74.1	17.193	15.1	0.6	0.0	0.6	3.6
5	17.5	23.5	19.7	76.5	17.661	15.5	5.3	0.0	5.3	1.6
6	16.3	22.2	18.9	75.6	16.729	14.7	0.0	0.0	0.0	3.2
7	17.0	24.5	20.7	63.6	15.462	13.5	0.0	0.0	0.0	3.3
8	16.5	25.2	20.8	68.7	16.923	14.8	0.0	0.0	0.0	6.2
9	17.0	24.5	20.8	70.2	16.946	14.9	0.0	0.0	0.0	1.8
10	17.4	24.0	20.0	74.6	17.420	15.3	0.0	0.6	0.6	0.2
11	16.2	22.0	17.9	82.4	16.809	14.8	13.3	0.1	13.4	1.0
12	16.1	23.8	19.9	71.1	16.357	14.4	6.8	0.0	6.8	2.3
13	16.3	24.0	19.7	68.3	15.281	13.3	0.0	0.0	0.0	2.7
14	16.5	22.0	20.2	79.9	18.859	16.5	7.0	0.0	7.0	0.0
15	16.0	24.3	19.9	76.8	17.912	15.7	0.2	0.6	0.8	0.0
16	16.5	22.0	18.8	76.0	16.691	14.6	12.4	0.7	13.1	0.3
17	15.6	21.5	18.4	84.5	17.841	15.7	0.0	6.0	6.0	0.6
18	15.0	23.0	19.7	77.5	17.818	15.6	0.0	0.2	0.2	1.6
19	16.0	21.5	18.2	80.5	16.494	14.5	0.0	0.0	0.0	1.7
20	16.5	23.0	19.0	71.4	15.675	13.7	0.0	0.0	0.0	5.0
21	15.0	24.1	19.5	66.9	15.408	13.4	0.0	0.0	0.0	3.1
22	16.3	24.0	19.2	66.2	14.940	12.9	0.0	0.5	0.5	3.6
23	16.0	24.8	19.7	67.9	15.695	13.7	4.2	0.2	4.4	4.1
24	16.0	22.4	19.4	67.6	15.199	13.2	0.0	0.0	0.0	0.4
25	16.2	20.3	18.0	81.9	16.966	14.9	7.6	0.0	7.6	1.4
26	15.5	23.0	17.9	87.4	17.826	15.6	4.0	0.0	4.0	2.0
27	15.0	23.0	19.7	72.0	16.461	14.4	1.2	23.8	25.0	4.4
28	15.5	23.0	19.2	77.7	17.186	15.1	0.8	13.4	14.2	3.6
29	15.0	22.4	19.3	76.4	16.938	14.8	1.3	0.0	1.3	1.9
30	15.0	26.0	19.7	74.6	17.111	15.1	0.0	0.0	0.0	2.5
PROM.	16.2	23.4	19.5	74.1	16.706	14.6	64.9	46.1	111.0	69.7

M E S - OCTUBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	22.5	19.4	81.6	18.725	16.4	0.0	0.0	0.0	0.2
2	15.5	23.5	18.3	82.2	17.571	15.4	4.5	9.8	14.3	2.2
3	16.0	23.0	17.5	77.7	15.545	13.5	2.7	0.0	2.7	0.1
4	14.5	21.5	18.1	75.2	15.898	13.9	6.0	0.0	6.0	0.7
5	14.5	23.0	18.7	82.9	17.874	15.7	0.0	0.0	0.0	0.7
6	15.5	23.5	19.4	76.9	17.445	15.3	0.0	0.0	0.0	0.9
7	16.4	23.3	19.7	75.5	17.503	15.4	0.3	6.8	7.1	1.5
8	15.4	22.6	19.0	72.7	15.693	13.6	8.3	3.5	11.8	3.2
9	16.0	21.0	18.1	89.9	18.622	16.4	3.7	3.6	7.3	1.3
10	14.5	20.5	17.0	90.4	17.510	15.4	10.6	0.0	10.6	0.9
11	15.5	22.0	18.3	80.2	16.823	14.8	0.0	0.0	0.0	3.4
12	14.6	22.0	18.8	69.6	15.267	13.1	11.7	0.3	12.0	1.5
13	15.6	23.0	19.2	79.1	17.796	15.6	6.9	3.2	10.1	4.5
14	16.5	23.1	19.5	82.5	18.732	16.5	3.2	13.0	16.2	1.3
15	14.5	20.8	17.7	84.7	17.059	15.0	1.6	0.0	1.6	0.3
16	16.3	22.5	19.2	77.0	17.465	15.3	0.0	2.3	2.3	0.4
17	15.4	22.0	18.6	78.9	17.030	14.9	7.2	0.0	7.2	0.7
18	15.4	21.0	18.7	77.4	16.557	14.5	11.9	30.1	42.0	1.8
19	14.5	24.3	18.7	73.3	15.272	13.3	7.9	7.9	15.8	1.5
20	15.4	21.0	18.1	84.8	17.481	15.4	2.2	16.2	18.4	0.2
21	16.0	21.4	18.5	91.3	19.463	17.1	3.1	13.5	16.6	2.2
22	15.6	20.3	17.5	89.8	17.826	15.7	21.2	0.0	21.2	0.4
23	15.6	21.0	18.2	88.5	18.343	16.1	0.5	42.2	42.7	1.0
24	16.0	21.0	17.0	91.2	17.613	15.5	13.5	0.3	13.8	0.0
25	15.6	21.5	18.1	82.0	17.131	15.1	14.0	0.0	14.0	1.0
26	16.0	19.0	16.8	82.2	15.965	13.9	18.7	0.0	18.7	0.0
27	14.2	20.5	18.3	77.0	16.201	14.2	1.9	0.0	1.9	0.2
28	16.0	20.5	18.2	75.2	15.708	13.7	5.3	0.0	5.3	0.7
29	16.3	23.0	19.5	74.6	16.831	14.7	2.8	12.9	15.7	2.1
30	15.5	23.5	19.9	71.9	16.515	14.5	0.1	2.3	2.4	3.1
31	16.5	23.4	18.6	82.1	17.861	15.7	0.0	0.0	0.0	3.7
PROM	15.5	22.0	18.5	80.6	17.140	15.0	169.8	167.9	337.7	41.7

ESTACION: LUIS BUSTAMANTE MUNICIPIO: VILLARRICA AÑO: 1.982

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

MES - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	22.5	18.4	78.8	17.088	15.0	3.6	19.7	23.3	2.5
2	16.0	21.0	17.9	86.4	18.005	15.8	2.5	0.3	2.8	2.1
3	15.0	22.0	18.9	86.7	18.771	16.5	0.0	0.9	0.9	3.7
4	15.5	21.0	18.3	88.6	18.719	16.5	0.0	0.0	0.0	1.6
5	15.6	22.5	19.0	86.5	18.794	16.5	0.0	43.7	43.7	3.2
6	16.0	20.5	18.0	91.0	18.784	16.4	0.7	0.0	0.7	0.0
7	16.0	22.5	18.7	87.4	18.780	16.4	0.0	0.0	0.0	2.4
8	16.1	23.0	17.9	80.3	16.394	14.3	6.5	2.3	8.8	3.3
9	15.6	22.3	19.0	79.9	17.641	15.4	0.7	0.6	1.3	2.7
10	16.0	22.5	19.4	78.7	18.086	15.8	0.4	0.0	0.4	1.8
11	16.0	22.5	19.2	86.6	19.358	17.0	1.8	0.3	2.1	0.9
12	16.5	20.4	18.4	84.7	17.878	15.7	0.0	0.0	0.0	0.6
13	16.5	21.0	19.4	81.6	18.311	16.1	1.0	0.0	1.0	1.6
14	16.0	22.5	19.7	79.6	18.256	16.0	0.5	0.0	0.5	2.9
15	15.8	22.5	19.3	72.1	16.103	14.1	0.2	0.0	0.2	2.1
16	16.5	22.0	18.6	83.2	18.107	15.9	19.6	0.0	19.6	1.2
17	16.0	21.4	18.1	84.8	17.890	15.7	9.4	0.0	9.4	0.8
18	16.0	21.5	18.4	81.4	17.387	15.2	0.4	1.0	1.4	1.7
19	16.0	23.3	19.0	84.9	18.934	16.6	0.0	0.0	0.0	0.6
20	16.0	22.5	18.4	83.9	17.896	15.7	0.8	8.0	8.8	1.2
21	16.0	23.5	19.4	84.8	19.113	16.8	0.0	13.1	13.1	1.0
22	16.4	22.5	18.1	88.9	18.615	16.4	1.4	6.3	7.7	0.9
23	16.0	20.6	17.8	83.7	17.313	15.2	19.6	0.0	19.6	0.2
24	16.0	22.0	18.5	81.4	17.646	15.5	0.0	0.0	0.0	1.0
25	15.0	22.0	17.6	75.6	15.402	13.4	0.0	0.0	0.0	3.7
26	15.3	22.4	19.8	73.9	17.221	15.1	0.4	0.0	0.4	0.4
27	15.4	23.0	18.4	83.0	17.944	15.7	0.0	10.6	10.6	6.6
28	14.5	22.5	17.4	86.4	17.371	15.2	0.0	0.0	0.0	4.3
29	16.3	22.5	17.7	85.3	17.895	15.5	26.7	7.9	34.6	2.2
30	15.3	21.4	18.3	86.4	18.432	16.2	4.6	0.0	4.6	3.6
PROM.	15.8	22.1	18.6	83.2	17.938	15.7	100.8	114.7	215.5	60.8

MES - 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	17.8	87.3	17.906	15.7	0.0	0.0	0.0	1.2
2	16.3	22.5	19.6	83.3	19.048	16.7	0.7	6.8	7.5	4.3
3	16.3	24.3	18.4	71.8	15.431	13.5	2.5	0.0	2.5	2.3
4	16.5	22.5	18.8	90.3	19.613	17.2	0.6	38.6	39.2	1.5
5	16.3	22.5	18.3	91.9	19.467	17.0	1.2	0.0	1.2	0.3
6	16.0	24.5	18.5	86.2	18.430	16.2	23.3	0.0	23.3	1.3
7	16.8	22.0	20.4	83.0	19.980	17.4	2.6	14.2	16.8	1.9
8	15.0	22.4	18.1	85.0	17.630	15.5	0.3	0.0	0.3	0.0
9	15.5	23.3	19.7	81.3	18.885	16.6	4.7	2.7	7.4	2.3
10	16.5	22.5	19.2	87.9	19.807	17.4	0.0	0.0	0.0	0.6
11	15.5	22.5	18.8	89.0	19.487	17.0	6.2	0.0	6.2	0.3
12	15.4	23.5	19.6	80.1	18.094	15.8	0.0	18.6	18.6	3.9
13	16.0	21.4	18.0	91.1	18.905	16.6	17.3	0.0	17.3	0.7
14	15.4	24.5	19.4	81.8	18.355	16.1	0.0	0.0	0.0	2.4
15	15.5	24.5	19.4	74.0	16.535	14.4	0.0	0.0	0.0	5.6
16	16.0	24.5	19.1	78.0	17.911	15.7	0.0	1.1	1.1	4.8
17	16.0	25.0	18.5	86.2	18.778	16.4	7.2	14.0	21.2	0.6
18	16.0	22.0	18.3	88.1	18.484	16.2	28.2	33.1	61.3	1.1
19	15.5	22.0	17.9	91.7	18.951	16.6	12.1	2.0	14.1	0.6
20	15.5	20.0	18.5	92.1	19.590	17.2	3.5	0.0	3.5	0.2
21	15.6	23.5	19.8	84.0	19.594	17.1	0.0	35.1	35.1	2.8
22	15.3	24.5	19.7	82.0	18.664	16.4	7.2	0.0	7.2	2.3
23	15.5	23.5	19.4	78.9	17.895	15.5	0.0	0.0	0.0	6.4
24	15.6	24.3	20.5	81.5	19.997	17.5	9.7	5.0	14.7	4.4
25	15.6	22.5	18.8	90.3	19.615	17.1	1.3	0.0	1.3	1.4
26	15.6	23.5	19.1	79.8	17.774	15.6	0.4	0.0	0.4	4.9
27	15.5	19.3	17.4	89.5	17.830	15.7	4.5	34.3	38.8	0.1
28	14.5	21.0	17.7	89.1	18.216	16.0	0.0	0.0	0.0	0.5
29	15.6	20.5	17.4	86.2	17.260	15.2	5.2	7.0	12.2	0.0
30	15.0	20.0	17.3	87.6	17.576	15.5	5.3	0.0	5.3	0.1
31	14.5	22.4	18.1	80.1	17.182	14.9	5.2	0.0	5.2	7.0
PROM	15.7	22.7	18.8	84.8	18.480	16.2	149.2	212.5	361.7	65.8

ESTACION: LUIS BUSTAMANTE MUNICIPIO VILLARRICA AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.1	22.3	19.0	14.0	24.0	78.6	17.100	14.9	298.7	18	99.9
FEBRERO	15.6	22.1	18.7	14.5	24.0	81.4	17.414	15.3	224.6	25	53.5
MARZO	15.6	22.1	18.8	15.0	23.5	82.6	17.957	15.8	365.5	30	
ABRIL	15.8	21.6	18.6	14.9	23.6	86.2	18.657	16.3	395.0	24	43.2
MAYO	15.4	22.2	18.6	13.6	23.6	84.6	18.423	16.1	377.5	24	43.9
JUNIO	15.9	22.7	19.1	15.0	24.8	79.9	17.768	15.6	64.8	17	99.9
JULIO	15.5	22.6	19.0	14.0	25.5	75.3	16.642	14.6	29.8	17	89.1
AGOSTO	15.9	24.1	19.8	14.5	25.6	70.5	16.210	14.2	15.8	10	116.7
SEPTIEMBRE	16.2	23.4	19.5	15.0	26.0	74.1	16.706	14.6	111.0	18	69.7
OCTUBRE	15.5	22.0	18.5	14.2	24.3	80.6	17.140	15.0	337.7	26	41.7
NOVIEMBRE	15.8	22.1	18.6	14.5	23.5	83.2	17.938	15.7	215.5	23	60.8
DICIEMBRE	15.7	22.7	18.8	14.5	25.0	84.8	18.480	16.2	361.7	25	65.8
PROMEDIO	15.7	22.5	18.9	14.5	24.5	80.2	17.536	15.4			
TOTAL									2797.6	257	

ESTACION: EL LIMON MUNICIPIO: CHAPARRAL AÑO: 1.982

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

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.3	27.3	21.5	86.2	22.113	19.1	2.9	18.5	21.4	1.7
2	16.2	28.0	21.6	83.1	21.437	18.6	0.0	67.5	67.5	4.0
3	18.0	26.0	20.8	92.7	22.560	19.4	3.3	9.9	13.2	3.6
4	18.0	26.0	20.7	86.5	20.761	17.9	2.4	16.6	19.0	0.4
5	18.0	25.8	21.0	93.4	23.274	19.9	4.7	0.2	4.9	1.3
6	18.2	27.1	21.4	87.3	22.539	19.4	7.2	60.5	67.7	2.0
7	18.1	26.8	21.5	84.3	21.663	18.8	6.7	8.4	15.1	1.0
8	18.0	28.0	22.1	83.8	22.112	19.1	0.0	6.3	6.3	5.0
9	19.0	26.4	22.5	87.7	23.887	20.3	0.0	0.0	0.0	6.6
10	17.8	28.2	21.4	85.5	21.678	18.8	1.8	11.1	12.9	2.4
11	17.6	30.3	22.9	81.1	22.102	19.1	0.0	25.4	25.4	8.1
12	17.0	29.8	23.2	81.0	22.261	19.1	0.0	0.4	0.4	8.3
13	18.4	30.0	22.9	81.9	22.551	19.4	0.0	0.0	0.0	0.4
14	16.6	30.3	22.9	78.6	21.667	18.7	0.0	0.0	0.0	7.9
15	18.8	30.0	23.1	83.2	23.459	20.0	0.0	19.1	19.1	6.6
16	18.1	29.3	21.9	89.8	23.750	20.2	0.0	5.4	5.4	4.8
17	19.3	30.2	22.8	83.1	22.795	19.5	0.0	16.6	16.6	6.7
18	18.3	29.6	22.3	83.7	22.481	19.4	0.0	0.0	0.0	4.7
19	17.0	31.0	22.8	73.9	20.046	17.5	0.0	0.0	0.0	9.0
20	15.4	30.3	21.8	78.3	19.935	17.4	0.0	0.0	0.0	9.1
21	16.3	29.8	21.8	81.8	21.170	18.4	0.0	0.0	0.0	8.9
22	19.1	30.0	22.7	82.1	22.764	19.6	0.0	0.0	0.0	8.1
23	19.2	30.4	22.7	78.7	21.459	18.6	0.0	0.0	0.0	8.2
24	17.5	29.8	22.3	81.2	21.379	18.5	0.0	4.3	4.3	8.5
25	18.3	29.0	22.5	79.5	21.714	18.8	0.0	0.0	0.0	8.1
26	18.4	27.2	22.0	81.0	21.557	18.7	2.0	20.2	22.2	2.9
27	17.5	26.5	21.8	84.7	21.949	19.0	0.0	7.3	7.3	3.9
28	18.0	28.0	22.0	83.9	22.027	19.0	1.5	0.9	2.4	3.1
29	17.1	27.6	21.9	81.5	21.198	18.4	0.0	20.0	20.0	6.8
30	18.0	29.0	22.4	83.9	22.445	19.3	0.0	3.2	3.2	5.8
31	18.5	29.0	23.0	81.0	22.477	19.3	0.0	17.7	17.7	3.5
PROM.	17.9	28.6	22.1	83.4	22.040	19.0	32.5	339.5	372.0	161.4

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	28.0	21.0	90.2	22.678	19.5	0.0	5.6	5.6	5.2
2	17.6	27.0	22.3	86.5	22.880	19.6	0.8	0.0	0.8	3.2
3	17.0	29.0	22.3	81.7	21.528	18.6	0.0	19.1	19.1	7.7
4	18.0	28.5	22.8	82.1	22.510	19.4	2.2	23.0	25.2	4.2
5	18.0	28.0	22.3	81.9	21.516	18.5	3.2	0.0	3.2	1.1
6	17.1	29.0	22.0	79.5	21.101	18.3	2.6	5.1	7.7	5.0
7	18.0	27.0	21.9	86.7	22.874	19.7	5.7	0.0	5.7	0.0
8	17.0	28.5	21.5	84.0	21.387	18.5	0.0	0.0	0.0	4.1
9	18.2	31.0	22.8	77.1	20.928	18.2	0.8	3.2	4.0	2.3
10	18.5	31.0	23.7	70.2	19.441	16.8	1.5	0.0	1.5	0.3
11	18.3	28.6	22.0	87.5	23.310	20.0	0.0	11.6	11.6	2.4
12	18.3	29.1	23.8	79.9	23.149	19.9	0.0	0.0	0.0	1.0
13	19.2	28.1	23.5	78.8	22.674	19.5	0.2	36.0	36.2	3.2
14	18.4	26.7	22.6	88.0	24.054	20.5	0.1	2.1	2.2	0.5
15	19.1	25.0	21.8	87.7	22.770	19.6	0.9	0.0	0.9	0.0
16	18.0	27.0	22.3	88.1	23.727	20.2	0.0	4.0	4.0	2.2
17	18.3	27.1	22.4	85.4	22.745	19.5	2.7	45.3	48.0	0.6
18	18.4	26.1	20.9	89.8	22.269	19.2	4.0	0.2	4.2	1.9
19	19.1	27.0	21.7	87.5	23.155	19.9	0.0	13.7	13.7	0.8
20	19.0	27.0	21.9	88.1	23.199	19.9	0.0	0.0	0.0	0.1
21	18.6	27.4	21.9	85.4	22.411	19.3	1.4	1.7	3.1	1.8
22	18.4	29.0	22.4	83.8	22.519	19.4	0.0	0.0	0.0	3.2
23	20.0	28.1	23.1	83.9	23.413	20.0	0.0	0.0	0.0	1.4
24	20.1	28.0	23.1	85.4	24.187	20.5	0.0	16.4	16.4	0.7
25	19.0	30.1	22.7	83.4	22.830	19.6	14.5	0.0	14.5	5.2
26	19.3	30.0	23.1	80.9	22.659	19.5	0.0	14.1	14.1	2.8
27	19.3	29.0	23.6	86.5	24.950	21.0	0.0	0.0	0.0	2.7
28	20.0	27.1	22.6	89.0	24.520	20.8	0.0	0.8	0.8	0.5
PROM	18.5	28.1	22.4	84.3	22.692	19.5	40.6	201.9	242.5	64.1

ESTACION: EL LIMON MUNICIPIO: CHAPARRAL AÑO: 1.982

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	19.0	27.0	22.4	84.0	22.670	19.5	0.0	7.3	7.3	1.0
2	20.0	29.0	23.3	82.6	23.502	20.1	0.0	18.2	18.2	2.9
3	18.0	28.0	22.4	85.1	23.046	19.7	0.0	0.0	0.0	0.0
4	18.2	26.0	21.6	82.8	21.583	18.7	1.5	8.8	10.3	2.8
5	19.5	30.0	23.2	81.0	22.733	19.5	6.5	0.6	7.1	2.0
6	19.0	29.0	22.3	85.9	23.067	19.8	0.0	63.8	63.8	3.0
7	18.0	28.0	22.2	84.7	22.462	19.3	5.8	0.0	5.8	7.1
8	19.1	26.6	22.4	87.4	23.540	20.1	0.0	0.0	0.0	1.8
9	18.6	28.1	22.1	81.5	21.529	18.7	0.0	10.9	10.9	1.4
10	20.0	28.0	22.3	83.9	22.434	19.3	0.0	0.0	0.0	1.0
11	18.0	29.3	22.3	79.9	21.187	18.4	9.2	0.0	9.2	0.7
12	18.3	30.0	22.7	77.0	20.752	18.1	0.0	0.0	0.0	2.0
13	19.0	30.0	22.8	79.8	22.405	19.3	0.0	1.9	1.9	2.8
14	18.0	29.0	23.4	81.7	23.234	19.9	0.0	0.4	0.4	0.1
15	19.0	27.0	21.4	86.1	21.829	18.9	0.0	0.7	0.7	1.7
16	19.3	26.0	21.2	83.9	21.198	18.4	0.0	33.0	33.0	0.2
17	19.0	28.0	21.5	82.4	21.181	18.4	0.0	0.0	0.0	5.4
18	19.1	26.0	22.2	85.9	22.647	19.4	6.1	0.0	6.1	0.5
19	19.1	29.0	23.1	82.7	23.454	20.0	0.0	0.0	0.0	5.9
20	18.1	24.0	20.9	80.5	19.587	17.2	10.0	0.0	10.0	0.0
21	19.1	27.3	22.5	86.7	23.824	20.3	9.5	0.0	9.5	3.0
22	19.1	31.0	23.0	76.3	21.409	18.6	0.0	5.2	5.2	3.1
23	19.1	31.1	22.7	77.7	21.533	18.7	0.0	14.7	14.7	5.9
24	19.1	30.0	23.6	82.3	23.704	20.2	0.0	1.2	1.2	2.5
25	19.5	26.6	21.3	84.7	21.579	18.7	0.0	0.0	0.0	3.5
26	18.1	28.1	21.2	81.8	20.468	17.8	0.0	9.0	9.0	4.2
27	18.0	28.0	21.9	81.9	21.395	18.6	0.0	0.0	0.0	3.5
28	18.0	24.0	20.2	90.3	21.504	18.6	0.8	0.0	0.8	1.7
29	19.1	27.1	22.0	88.3	23.129	19.8	0.4	0.0	0.4	1.6
30	17.0	31.0	23.7	79.4	22.624	19.4	0.0	1.4	1.4	10.3
31	19.4	30.1	23.0	80.3	22.573	19.4	0.0	0.2	0.2	5.8
PROM.	18.8	28.1	22.3	82.9	22.187	19.1	49.8	177.3	227.1	87.4

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	28.1	21.9	87.3	23.334	19.9	2.3	8.1	10.4	0.2
2	19.2	27.1	21.6	88.9	23.051	19.8	0.7	1.6	2.3	0.2
3	18.4	28.0	23.4	83.8	23.763	20.2	5.6	15.0	20.6	2.0
4	19.0	27.0	22.7	83.1	22.806	19.6	0.8	0.5	1.3	0.5
5	18.0	30.0	22.7	80.9	22.049	19.1	0.0	5.9	5.9	5.0
6	18.5	26.2	21.2	86.1	21.466	18.6	3.9	0.0	3.9	0.6
7	17.0	24.5	20.6	87.5	21.310	18.5	2.8	2.3	5.1	0.2
8	18.0	26.5	21.1	80.7	20.077	17.5	11.8	13.7	25.5	1.5
9	17.5	24.5	20.8	88.1	21.556	18.7	4.2	16.3	20.5	2.3
10	17.3	25.6	21.1	82.8	20.766	18.1	5.7	0.0	5.7	0.0
11	17.2	30.4	23.1	74.9	20.900	18.2	0.0	0.1	0.1	6.3
12	18.6	26.3	21.3	86.1	22.034	19.0	36.4	7.7	44.1	3.5
13	17.1	27.1	21.5	85.4	21.797	18.8	1.8	0.0	1.8	2.5
14	18.0	25.6	20.9	86.7	21.650	18.7	0.4	0.0	0.4	1.3
15	18.4	28.6	22.8	81.5	22.389	19.3	2.0	0.0	2.0	3.0
16	18.1	29.1	22.9	82.6	22.957	19.7	1.1	19.9	21.0	0.3
17	18.3	27.0	21.7	84.1	21.686	18.8	2.0	3.8	5.8	1.0
18	18.0	28.4	22.8	80.2	22.128	19.1	0.0	0.0	0.0	3.5
19	18.1	28.1	22.1	84.1	22.452	19.4	31.3	19.8	51.1	2.3
20	18.3	29.0	22.4	82.0	22.231	19.2	0.8	2.3	3.1	4.9
21	18.4	26.1	20.7	87.9	21.873	18.9	4.4	0.0	4.4	0.0
22	16.1	31.1	22.8	73.5	19.437	17.0	2.2	24.6	26.8	6.1
23	19.1	28.0	22.8	82.2	22.847	19.6	0.0	0.0	0.0	0.4
24	19.1	25.1	20.5	94.3	22.618	19.5	23.2	0.0	23.2	0.2
25	16.1	32.0	23.9	74.3	21.046	18.2	0.0	0.0	0.0	0.0
26	19.2	31.0	23.9	76.8	22.458	19.3	0.0	0.0	0.0	0.0
27	17.6	32.1	23.8	73.7	21.485	18.6	0.0	0.0	0.0	0.0
28	19.1	26.1	21.5	84.6	21.873	18.9	19.1	0.0	19.1	0.0
29	18.0	29.1	22.9	78.7	21.493	18.6	0.0	0.0	0.0	3.7
30	18.0	22.2	19.9	91.0	21.049	18.3	5.9	0.0	5.9	0.0
PROM	18.1	27.7	22.0	83.1	21.885	18.9	168.4	141.6	310.0	51.5

ESTACION: EL LIMON MUNICIPIO: CHAPARRAL AÑO: 1.982

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

M E S - MAYO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	29.1	22.5	80.6	21.729	18.8	0.0	40.4	40.4	6.4
2	19.0	28.0	22.0	82.0	21.669	18.8	9.9	0.0	9.9	2.5
3	19.0	29.1	22.9	79.0	21.978	19.0	0.0	0.0	0.0	6.0
4	19.0	28.4	23.0	81.4	22.832	19.6	0.0	30.8	30.8	6.3
5	18.0	29.1	22.6	82.1	22.106	19.0	0.0	1.3	1.3	7.7
6	19.1	29.1	23.7	81.6	23.428	20.0	2.8	1.0	3.8	4.4
7	19.0	28.1	22.6	84.1	22.891	19.6	6.0	0.0	6.0	3.3
8	19.0	28.3	23.5	81.1	23.304	19.9	9.9	0.0	9.9	6.3
9	19.1	28.3	23.3	75.6	21.400	18.5	0.0	0.0	0.0	0.0
10	18.0	28.0	23.0	80.9	22.565	19.4	1.3	0.0	1.3	4.9
11	18.1	29.1	22.8	77.4	21.413	18.6	1.0	30.9	31.9	3.6
12	18.0	30.4	23.5	78.4	22.710	19.5	0.0	3.6	3.6	8.6
13	19.0	30.5	23.8	78.2	22.669	19.5	0.0	0.0	0.0	5.2
14	19.1	29.0	22.7	77.6	21.406	18.6	0.0	4.9	4.9	6.3
15	18.6	30.5	22.6	79.0	22.100	19.1	0.0	0.0	0.0	3.8
16	18.6	29.3	23.1	82.6	23.379	20.0	0.0	3.0	3.0	7.0
17	19.3	28.0	22.2	81.5	22.034	19.1	0.0	39.7	39.7	4.7
18	18.1	28.6	22.3	81.6	21.787	18.9	0.0	13.2	13.2	4.7
19	19.0	26.1	21.7	84.4	21.964	19.0	0.0	0.0	0.0	0.2
20	18.0	28.0	23.0	79.8	21.907	18.9	0.0	34.4	34.4	6.0
21	18.0	25.0	20.8	81.5	19.963	17.5	1.3	0.0	1.3	3.9
22	18.1	23.6	22.6	75.7	20.507	17.9	0.0	49.5	49.5	4.2
23	18.0	27.3	22.5	83.3	22.593	19.4	0.0	75.0	75.0	4.0
24	18.2	27.6	22.5	80.6	21.729	18.8	0.0	45.3	45.3	8.6
25	17.1	27.1	22.2	82.6	21.644	18.7	3.7	10.5	14.2	3.7
26	17.6	27.1	22.4	83.0	22.559	19.4	0.0	25.7	25.7	4.0
27	19.0	28.0	22.9	82.4	22.895	19.6	0.0	32.8	32.8	2.5
28	18.4	24.4	21.3	91.6	23.233	19.9	0.0	0.4	0.4	0.0
29	18.3	29.0	23.5	82.2	23.316	19.9	0.0	0.0	0.0	2.2
30	19.0	30.6	23.1	83.5	23.720	20.2	4.6	0.0	4.6	5.7
31	18.0	30.0	22.8	81.6	22.724	19.5	23.6	0.0	23.6	3.8
PROM.	18.5	28.4	22.7	81.2	22.263	19.2	64.1	442.4	506.5	140.5

M E S - JUNIO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.1	29.1	22.7	80.2	22.343	19.3	0.0	0.0	0.0	0.0
2	18.4	30.3	23.0	76.2	21.508	18.7	0.0	0.0	0.0	1.8
3	18.4	31.0	23.0	74.6	22.211	19.1	0.0	0.0	0.0	4.7
4	18.0	30.0	23.0	82.2	22.733	19.5	1.4	0.0	1.4	4.5
5	19.3	29.0	22.7	83.5	23.083	19.8	0.0	0.0	0.0	3.9
6	18.8	31.0	23.0	79.2	22.265	19.2	0.0	9.7	9.7	3.0
7	18.1	31.0	22.8	76.6	21.314	18.5	0.7	0.0	0.7	5.6
8	18.0	31.0	23.2	72.8	20.298	17.7	0.0	0.0	0.0	9.3
9	18.9	31.0	23.8	69.0	19.489	17.0	0.0	2.2	2.2	3.0
10	18.1	29.6	22.8	81.3	22.443	19.3	0.0	0.0	0.0	4.9
11	17.1	30.0	24.0	78.4	23.163	19.8	0.0	17.2	17.2	8.4
12	18.1	30.1	23.1	76.8	21.221	18.4	0.0	0.0	0.0	6.0
13	18.0	32.0	24.6	73.0	22.105	19.0	0.0	3.5	3.5	9.1
14	18.0	30.4	23.7	81.5	23.740	20.2	0.0	0.0	0.0	6.4
15	18.6	30.8	23.5	73.5	21.368	18.6	0.0	0.0	0.0	9.4
16	18.0	30.5	22.9	75.5	21.043	18.2	0.0	0.2	0.2	5.2
17	18.5	30.5	23.1	75.9	21.150	18.3	0.0	0.0	0.0	5.6
18	18.2	31.0	24.1	74.6	21.934	18.9	0.0	0.0	0.0	7.5
19	19.0	31.5	24.0	72.6	21.580	18.7	0.0	4.1	4.1	8.6
20	19.1	28.0	22.8	83.2	22.990	19.7	0.0	0.0	0.0	0.6
21	18.0	31.5	23.8	75.2	20.314	17.7	0.0	1.2	1.2	3.9
22	17.5	27.5	22.0	81.2	21.378	18.5	0.0	0.0	0.0	6.4
23	18.0	31.4	23.4	72.2	20.353	17.7	0.0	0.0	0.0	8.9
24	17.2	29.0	22.9	77.5	21.520	18.7	0.0	0.0	0.0	1.2
25	17.0	32.0	23.3	72.5	19.940	17.4	0.0	0.0	0.0	6.0
26	17.2	32.3	23.7	76.5	21.732	18.8	0.0	11.6	11.6	3.1
27	19.0	31.8	22.8	76.5	20.729	18.0	0.0	0.0	0.0	8.9
28	19.0	30.0	23.0	66.5	17.830	15.6	0.0	0.0	0.0	10.0
29	19.1	28.0	22.7	73.0	19.741	17.3	0.0	3.2	3.2	3.3
30	17.1	30.2	22.6	74.0	19.650	17.2	0.0	0.0	0.0	3.5
PROM	18.2	30.4	23.2	75.3	21.372	18.5	2.1	52.9	55.0	159.7

ESTACION: EL LIMON MUNICIPIO: CHAPARRAL AÑO: 1.982

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

M E S - JULIO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	27.4	21.0	83.7	20.791	18.1	1.7	0.0	1.7	0.5
2	18.3	28.4	20.6	80.9	19.504	17.0	9.2	0.0	9.2	1.8
3	16.5	29.0	23.0	77.2	20.843	18.1	0.0	0.0	0.0	3.1
4	18.0	30.2	22.9	73.7	19.711	17.1	0.0	0.0	0.0	3.3
5	18.5	30.2	22.6	73.5	19.967	17.5	0.0	0.0	0.0	9.1
6	18.5	30.0	22.8	78.3	21.254	18.4	5.7	0.0	5.7	1.0
7	18.5	31.5	23.3	75.6	21.523	18.6	0.0	0.0	0.0	8.6
8	17.5	29.0	22.5	81.0	21.983	19.0	0.0	0.0	0.0	3.2
9	18.8	31.4	23.5	79.1	22.837	19.6	0.0	0.0	0.0	9.9
10	18.6	30.5	23.4	74.4	21.048	18.3	0.0	0.0	0.0	8.2
11	19.0	32.8	23.7	74.9	21.483	18.6	0.0	0.0	0.0	2.3
12	19.0	28.3	22.8	78.0	21.246	18.4	3.7	0.0	3.7	4.5
13	18.1	32.0	23.3	72.7	20.424	17.8	0.0	0.0	0.0	5.8
14	17.0	32.0	23.5	63.7	17.862	15.7	0.0	0.0	0.0	9.7
15	17.1	33.0	24.1	71.8	21.071	18.3	0.0	0.0	0.0	10.0
16	19.0	29.1	21.9	81.6	21.751	18.8	0.0	0.0	0.0	1.8
17	17.4	33.6	24.5	64.4	19.228	16.9	0.0	0.0	0.0	8.8
18	19.2	30.8	23.6	78.3	22.289	19.2	0.0	0.0	0.0	2.3
19	19.4	31.8	24.1	64.7	18.762	16.4	0.0	0.0	0.0	4.1
20	18.2	27.3	23.0	76.0	21.030	18.2	0.0	0.0	0.0	0.3
21	16.3	34.1	24.1	63.9	18.334	16.1	0.0	0.0	0.0	9.5
22	17.3	30.0	22.3	69.8	18.442	16.2	0.0	0.2	0.2	1.1
23	18.1	28.4	22.9	69.7	19.108	16.7	0.0	0.0	0.0	1.8
24	17.3	28.1	21.6	75.4	19.718	17.3	0.0	0.0	0.0	1.9
25	15.6	33.3	24.8	61.2	18.528	16.2	0.0	0.0	0.0	9.5
26	18.9	31.4	23.5	73.6	21.088	18.4	0.0	0.0	0.0	2.8
27	18.3	30.0	21.3	83.3	21.190	18.4	0.0	0.0	0.0	3.3
28	17.1	29.7	22.8	73.2	19.995	17.5	0.0	0.0	0.0	4.7
29	17.1	30.3	23.1	73.5	20.027	17.5	0.0	1.0	1.0	2.4
30	18.2	31.6	24.4	69.8	20.058	17.4	0.0	2.1	2.1	7.6
31	17.4	33.0	24.5	63.8	18.862	16.5	0.0	0.0	0.0	5.3
PROM.	17.9	30.6	23.1	73.6	20.321	17.7	20.3	3.3	23.6	148.2

M E S - AGOSTO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.1	33.4	23.4	65.3	18.117	16.0	0.0	0.0	0.0	8.8
2	19.0	30.1	22.9	76.9	21.114	18.4	0.6	0.0	0.6	5.5
3	18.0	30.1	23.5	74.4	20.949	18.1	0.0	0.0	0.0	2.1
4	19.0	32.8	23.8	62.0	17.689	15.5	0.0	0.0	0.0	7.8
5	17.0	32.9	24.8	58.3	17.003	14.9	0.0	0.0	0.0	9.1
6	18.1	31.6	24.9	67.3	19.944	17.4	0.0	0.8	0.8	6.5
7	19.0	30.8	22.9	71.1	19.408	17.0	0.0	0.0	0.0	4.1
8	19.1	32.4	22.8	73.8	20.215	17.6	0.0	1.0	1.0	3.3
9	17.1	33.3	24.5	63.6	18.206	16.0	0.0	0.0	0.0	10.1
10	19.0	31.1	24.1	64.0	18.535	16.3	0.0	0.0	0.0	4.3
11	19.0	31.8	24.5	69.4	20.541	17.9	0.0	0.3	0.3	4.1
12	19.1	32.1	23.7	63.5	18.111	15.9	0.0	0.0	0.0	6.0
13	17.1	30.0	23.2	59.7	15.922	13.7	0.0	0.0	0.0	6.1
14	20.1	31.9	23.8	66.0	19.211	16.9	0.0	0.0	0.0	3.2
15	19.1	33.3	25.1	67.8	20.710	18.0	0.0	11.7	11.7	3.3
16	18.0	30.1	23.5	74.9	20.750	18.0	0.8	0.0	0.8	4.2
17	20.0	32.0	25.3	61.8	18.812	16.5	0.0	0.0	0.0	7.1
18	19.1	31.0	24.3	64.5	18.833	16.4	0.0	0.0	0.0	3.7
19	19.1	31.0	24.7	67.7	20.384	17.7	0.0	0.0	0.0	4.0
20	19.6	30.0	23.5	70.5	20.193	17.6	0.0	0.7	0.7	0.3
21	18.1	33.2	25.4	62.5	18.861	16.5	0.0	0.0	0.0	5.2
22	17.4	34.0	24.8	62.1	18.475	16.2	0.0	0.0	0.0	4.1
23	20.0	31.0	23.7	67.1	19.723	17.3	0.0	0.0	0.0	1.3
24	18.6	32.3	24.5	67.3	20.333	17.8	0.0	0.0	0.0	3.2
25	20.0	32.2	23.8	68.3	19.694	17.2	0.0	0.0	0.0	4.6
26	18.4	31.2	23.0	74.6	20.577	18.0	0.0	0.0	0.0	1.7
27	18.3	33.0	25.3	66.1	20.953	18.2	0.0	3.0	3.0	4.2
28	19.0	34.0	24.9	64.4	19.015	16.6	0.0	0.0	0.0	5.1
29	18.6	35.0	25.0	60.0	18.044	15.8	0.0	0.0	0.0	7.5
30	19.8	31.2	24.1	68.5	20.409	17.8	0.0	0.0	0.0	2.4
31	17.6	29.0	22.4	76.1	20.638	18.0	0.0	0.0	0.0	1.3
PROM	18.7	31.9	24.1	67.1	19.399	16.9	1.4	17.5	18.9	144.2

ESTACION: EL LIMON MUNICIPIO: CHAPARRAL AÑO: 1.982

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensiòn vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.4	32.8	24.7	65.4	19.817	17.3	0.0	0.0	0.0	2.7
2	19.1	31.9	24.2	67.1	19.394	17.0	0.0	0.0	0.0	3.1
3	20.1	31.8	25.0	63.5	19.974	17.4	0.0	0.1	0.1	0.9
4	20.0	32.0	26.0	66.0	21.290	18.5	0.0	0.0	0.0	2.3
5	20.0	31.1	23.4	72.9	20.797	18.1	0.4	0.0	0.4	1.0
6	19.0	31.7	24.2	63.0	18.480	16.3	0.0	0.0	0.0	1.1
7	17.6	33.0	24.9	62.5	18.753	16.4	0.0	0.3	0.3	3.0
8	19.4	33.8	25.7	65.4	20.269	17.7	0.0	0.0	0.0	5.2
9	19.7	33.1	25.0	72.3	22.568	19.4	0.0	0.0	0.0	1.5
10	21.0	29.4	23.5	78.1	22.842	19.6	2.6	12.4	15.0	2.9
11	18.4	29.5	22.9	82.0	22.392	19.3	0.1	0.0	0.1	4.2
12	19.4	32.3	24.8	71.9	22.166	19.1	0.0	0.0	0.0	3.4
13	19.6	31.6	24.7	64.6	20.058	17.6	0.0	3.9	3.9	5.7
14	18.6	30.8	23.4	82.1	23.072	19.7	0.0	2.8	2.8	2.3
15	19.4	30.6	23.3	79.2	22.219	19.1	0.0	0.0	0.0	0.0
16	19.0	28.8	23.0	82.9	22.846	19.6	8.9	20.9	29.8	0.0
17	18.6	28.3	22.5	85.2	22.797	19.5	2.5	0.0	2.5	0.0
18	18.4	30.4	23.1	78.6	21.902	19.0	0.0	7.6	7.6	0.0
19	19.4	27.4	22.4	86.7	23.484	20.1	0.5	0.0	0.5	0.0
20	19.4	30.0	22.7	79.1	21.528	18.7	0.1	0.0	0.1	0.0
21	18.0	33.0	23.8	69.5	19.566	17.1	0.0	0.0	0.0	7.3
22	17.4	29.9	24.2	66.9	19.839	17.3	0.0	0.0	0.0	2.4
23	17.6	33.1	24.7	71.1	21.117	18.4	0.0	0.0	0.0	8.3
24	20.3	33.0	25.3	72.6	22.791	19.5	0.0	17.1	17.1	8.1
25	18.7	26.0	21.0	80.0	19.869	16.8	0.7	0.0	0.7	1.1
26	18.3	25.0	20.8	83.7	20.834	18.2	9.6	0.0	9.6	1.2
27	16.0	31.6	23.5	69.9	19.419	16.9	0.0	0.0	0.0	8.6
28	18.0	28.3	21.7	77.9	19.717	17.1	0.0	2.6	2.6	1.4
29	17.4	30.6	23.2	73.5	19.907	17.2	0.0	0.0	0.0	4.9
30	20.4	30.0	23.5	66.1	18.738	16.4	0.0	0.0	0.0	4.4
PROM.	18.9	30.7	23.7	73.3	20.950	18.1	25.4	67.7	93.1	87.0

M E S - OCTUBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensiòn vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	31.8	23.9	70.6	20.701	18.0	0.0	0.0	0.0	6.3
2	18.7	30.0	24.2	64.6	18.670	16.4	0.0	40.0	40.0	4.5
3	18.4	27.3	22.4	77.3	20.334	17.4	7.8	0.0	7.8	3.6
4	17.1	29.3	22.5	75.4	19.786	17.2	2.1	75.0	77.1	3.8
5	17.4	25.2	20.1	83.3	19.608	17.2	0.0	0.0	0.0	1.6
6	16.4	30.1	23.8	74.1	21.344	18.5	0.0	9.3	9.3	9.7
7	19.3	30.6	23.9	72.6	20.498	17.7	0.0	25.0	25.0	4.0
8	18.4	28.0	22.1	75.4	19.760	17.2	0.0	4.9	4.9	2.0
9	18.8	27.3	22.4	79.0	21.253	18.5	1.8	19.0	20.8	3.0
10	18.4	25.4	21.0	76.5	18.641	16.2	0.4	1.0	1.4	0.9
11	19.3	30.2	22.9	63.4	17.397	15.2	0.0	0.0	0.0	2.0
12	17.4	30.3	21.7	71.4	17.529	15.2	0.0	0.0	0.0	7.6
13	18.0	30.6	22.8	70.0	19.002	16.7	0.0	15.6	15.6	8.4
14	18.6	30.0	22.5	72.8	19.168	16.7	15.6	105.3	120.9	6.9
15	17.4	29.6	22.9	71.0	18.667	16.0	1.5	0.0	1.5	5.0
16	19.1	31.0	24.3	67.8	19.603	16.9	0.0	16.7	16.7	6.1
17	18.6	29.3	22.9	75.1	20.271	17.5	1.0	4.4	5.4	5.1
18	19.0	30.9	24.1	71.7	20.749	17.9	0.0	54.0	54.0	9.1
19	18.1	28.8	22.3	77.2	19.906	17.1	0.6	97.0	97.6	4.7
20	18.1	28.2	21.9	76.6	19.461	16.8	0.4	9.8	10.2	4.7
21	18.4	25.8	20.9	80.8	19.692	17.1	7.3	0.0	7.3	0.0
22	18.0	27.6	21.4	82.2	20.768	18.0	4.7	15.0	19.7	0.6
23	19.1	27.7	22.4	75.4	19.655	16.8	0.0	30.0	30.0	2.8
24	19.3	24.9	21.7	86.5	22.222	19.2	0.0	0.0	0.0	0.0
25	18.1	28.4	21.2	78.2	19.416	17.0	0.6	0.0	0.6	1.5
26	19.0	25.7	21.2	76.6	19.302	16.9	0.0	0.0	0.0	0.0
27	16.1	28.8	21.6	70.3	17.042	14.8	0.0	0.0	0.0	0.7
28	18.1	29.4	22.9	69.8	18.592	16.0	0.0	24.0	24.0	3.8
29	17.4	29.3	22.6	75.2	19.795	17.2	0.0	0.2	0.2	2.3
30	18.0	29.3	22.6	78.1	20.938	18.2	0.0	0.0	0.0	1.3
31	18.0	31.8	24.0	68.1	19.370	16.7	0.0	0.0	0.0	5.6
PROM	18.2	28.8	22.5	74.4	19.650	17.0	43.8	545.2	589.0	117.6

ESTACION: EL LIMON MUNICIPIO: CHAPARRAL AÑO: 1.982

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

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.0	28.7	22.9	68.9	18.834	16.3	0.0	8.6	8.6	0.2
2	18.6	28.7	23.0	78.7	21.324	18.3	0.0	0.0	0.0	3.1
3	19.0	26.8	22.4	83.1	22.319	19.2	0.0	19.5	19.5	2.3
4	18.0	25.4	20.3	86.2	20.651	18.0	6.6	0.0	6.6	1.4
5	17.7	27.4	21.4	80.3	20.131	17.6	0.0	0.1	0.1	2.9
6	19.3	26.0	21.2	84.0	21.362	18.5	4.7	0.0	4.7	0.9
7	18.0	30.6	23.7	70.3	19.997	17.2	4.1	0.0	4.1	2.4
8	19.3	31.3	23.2	71.3	19.641	17.0	0.0	13.0	13.0	7.5
9	18.0	31.4	23.3	71.5	19.335	16.8	0.0	0.3	0.3	7.3
10	19.3	31.0	24.4	68.5	19.854	17.2	0.0	0.9	0.9	5.9
11	18.5	29.1	23.3	78.5	21.971	18.9	0.0	8.6	8.6	1.3
12	18.6	26.1	22.1	81.3	21.306	18.5	0.2	8.6	8.8	2.7
13	19.6	31.0	23.8	79.7	23.358	20.0	9.8	0.0	9.8	8.4
14	20.0	30.4	23.4	68.0	18.757	16.3	0.0	0.0	0.0	6.8
15	20.3	31.3	24.3	63.9	18.650	16.2	0.0	0.0	0.0	3.8
16	18.6	31.1	24.2	70.0	20.616	17.7	0.0	19.3	19.3	4.2
17	19.1	27.2	22.5	72.4	19.507	16.9	0.0	0.0	0.0	0.1
18	18.3	28.0	22.3	76.2	20.589	17.9	7.0	0.0	7.0	2.7
19	19.1	29.4	23.8	67.8	19.415	16.8	0.0	0.6	0.6	2.7
20	19.3	27.0	22.6	79.2	21.520	18.6	4.2	2.8	7.0	0.6
21	19.6	26.1	22.4	81.6	21.945	19.0	0.2	6.0	6.2	2.3
22	19.0	26.3	22.3	82.5	22.016	19.0	1.4	9.4	10.8	0.6
23	18.6	26.3	21.7	86.5	22.487	19.4	0.3	6.3	6.6	2.0
24	18.1	28.3	22.5	79.2	21.194	18.4	0.0	0.0	0.0	1.6
25	16.1	29.0	22.9	63.4	16.672	14.4	0.0	0.0	0.0	8.5
26	17.0	30.6	22.2	79.8	21.290	18.5	0.0	19.6	19.6	4.7
27	19.0	27.3	21.8	77.2	20.305	17.7	3.2	0.0	3.2	3.1
28	18.4	29.0	22.4	79.6	21.087	18.2	1.5	8.0	9.5	2.5
29	19.9	28.7	23.3	76.7	21.495	18.6	0.1	8.0	8.1	0.0
30	19.5	30.2	23.1	74.7	20.470	17.7	0.0	0.2	0.2	5.4
PROM.	18.8	28.7	22.8	76.0	20.603	17.8	43.3	139.8	183.1	97.9

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	20.0	27.1	21.8	74.9	19.363	16.8	0.0	0.0	0.0	1.7
2	18.0	30.3	23.4	63.8	18.047	15.9	0.0	0.0	0.0	1.3
3	18.6	31.3	24.1	72.2	21.095	18.3	0.7	19.2	19.9	7.0
4	19.4	28.6	23.4	70.6	19.691	17.1	2.9	0.1	3.0	3.2
5	19.3	27.0	21.6	80.9	21.086	18.4	0.0	0.5	0.5	1.2
6	18.4	29.3	22.9	76.0	20.610	17.8	0.0	0.0	0.0	2.7
7	19.0	28.2	22.8	76.1	20.648	17.8	0.0	0.0	0.0	1.4
8	19.0	28.5	22.6	82.9	22.819	19.6	0.8	0.6	1.4	0.6
9	20.0	29.4	23.3	76.9	21.495	18.6	0.0	0.0	0.0	7.2
10	19.3	28.8	24.1	66.7	19.261	16.9	0.0	27.3	27.3	2.4
11	18.0	29.2	23.9	75.3	21.494	18.4	0.0	89.5	89.5	4.0
12	20.0	28.6	22.4	84.3	22.674	19.4	0.0	0.3	0.3	2.3
13	19.8	26.0	21.4	85.8	22.142	19.1	0.0	0.9	0.9	7.3
14	18.0	30.5	23.1	73.4	20.472	17.9	0.0	0.0	0.0	5.5
15	19.0	29.0	22.5	85.5	23.424	20.0	0.2	0.0	0.2	5.0
16	19.5	30.0	22.6	80.2	22.019	19.1	0.0	33.3	33.3	0.5
17	20.1	27.0	22.8	85.7	23.676	20.2	0.1	9.8	9.9	6.5
18	18.6	27.0	21.9	85.3	22.328	19.2	0.3	14.7	15.0	3.4
19	19.0	27.0	22.2	86.0	22.828	19.6	2.9	2.1	5.0	1.2
20	19.6	27.0	21.9	88.1	23.177	19.8	10.2	0.0	10.2	2.1
21	19.2	29.0	22.1	82.7	22.397	19.3	0.0	5.7	5.7	4.3
22	19.0	26.0	21.7	85.3	22.091	19.1	0.0	0.0	0.0	3.9
23	18.0	30.3	22.9	81.6	22.441	19.3	0.0	5.7	5.7	7.3
24	19.6	30.6	23.2	83.7	23.609	20.1	11.3	10.9	22.2	4.0
25	19.3	28.4	22.3	84.4	22.548	19.4	0.0	9.9	9.9	3.6
26	18.8	29.4	22.0	77.8	20.624	18.0	0.0	0.0	0.0	5.5
27	19.8	25.0	21.5	84.1	22.166	19.1	1.1	17.7	18.8	0.0
28	19.3	25.8	21.6	90.7	23.505	20.1	0.0	8.7	8.7	0.2
29	19.0	26.6	21.3	84.0	21.540	18.7	7.3	1.6	8.9	1.9
30	18.0	27.4	21.6	78.7	19.836	17.4	0.0	0.0	0.0	3.3
31	19.3	30.3	23.0	78.2	21.528	18.5	0.0	0.0	0.0	7.3
PROM	19.1	28.3	22.5	80.1	21.633	18.7	37.8	258.5	296.3	107.8

ESTACION: EL LIMON MUNICIPIO CHAPARRAL AÑO: 1.982

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

MESES	TEMPERATURA oC					Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	17.9	28.6	22.1	15.4	31.0	83.4	22.040	19.0	372.0	21	161.4
FEBRERO	18.5	28.1	22.4	17.0	31.0	84.3	22.692	19.5	242.5	22	64.1
MARZO	18.8	28.1	22.3	17.0	31.1	82.9	22.187	19.1	227.1	23	87.4
ABRIL	18.1	27.7	22.0	16.1	32.1	83.1	21.885	18.9	310.0	24	51.5
MAYO	18.5	28.4	22.7	17.1	30.6	81.2	22.263	19.2	506.5	25	140.5
JUNIO	18.2	30.4	23.2	17.0	32.3	76.3	21.372	18.5	55.0	11	159.7
JULIO	17.9	30.6	23.1	15.6	34.1	73.6	20.321	17.7	23.6	7	148.2
AGOSTO	18.7	31.9	24.1	17.0	35.0	67.1	19.399	16.9	18.9	8	144.2
SEPTIEMBRE	18.9	30.7	23.7	16.0	33.8	73.3	20.950	18.1	93.1	16	87.0
OCTUBRE	18.2	28.8	22.5	16.1	31.8	74.4	19.650	17.0	589.0	22	117.6
NOVIEMBRE	18.8	28.7	22.8	16.1	31.4	76.0	20.603	17.8	183.1	24	97.9
DICIEMBRE	19.1	28.3	22.5	18.0	31.3	80.1	21.633	18.7	296.3	21	107.8
PROMEDIO	18.5	29.2	22.8	16.5	32.1	78.0	21.250	18.4			
TOTAL									2917.1	224	1367.3

ESTACION: LA MONTAÑA MUNICIPIO: DOLORES AÑO: 1.982

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

M E S - ENERO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	23.3	20.0	32.6	19.299	16.9	4.7	8.3	13.0	2.1
2	15.8	24.0	21.0	76.6	18.995	16.6	0.0	52.6	52.6	2.9
3	16.3	22.0	19.1	93.9	20.735	18.1	24.2	26.0	50.2	1.1
4	16.1	24.0	18.9	84.2	18.182	16.0	5.0	12.6	17.6	3.9
5	16.0	23.6	19.2	93.1	20.191	17.6	2.0	60.0	62.0	3.4
6	16.0	25.0	19.8	91.1	20.432	17.8	0.0	15.0	15.0	6.4
7	16.1	23.6	19.7	86.1	19.487	17.1	0.0	0.0	0.0	3.5
8	16.5	25.0	20.1	89.0	21.014	18.2	0.0	8.0	8.0	7.7
9	17.0	25.0	19.3	91.2	20.857	17.9	0.0	26.0	26.0	2.2
10	17.4	25.0	21.8	84.6	21.458	18.6	0.0	2.0	2.0	2.9
11	16.8	25.4	20.6	87.5	20.872	18.2	12.0	0.0	12.0	4.6
12	17.0	26.4	22.0	84.1	22.142	19.1	0.0	0.0	0.0	5.7
13	17.4	26.6	21.6	81.3	21.040	18.2	0.0	0.0	0.0	5.0
14	17.0	26.8	21.2	84.9	21.238	18.4	0.0	1.0	1.0	5.4
15	18.0	25.0	20.1	88.3	20.745	18.1	0.0	0.0	0.0	3.5
16	17.0	25.8	20.3	88.1	20.580	17.9	21.0	0.0	21.0	6.0
17	17.6	25.8	20.8	82.1	19.876	17.4	0.0	52.0	52.0	7.0
18	17.0	26.4	21.7	83.4	21.305	18.5	0.0	0.0	0.0	
19	15.0	26.4	21.3	82.4	20.984	18.3	0.0	0.0	0.0	
20	14.5	26.0	21.3	77.7	19.253	16.9	0.0	0.0	0.0	
21	15.0	26.0	20.9	87.5	21.445	18.6	0.0	0.5	0.5	
22	16.0	26.0	22.0	85.1	22.413	19.2	0.0	0.0	0.0	
23	14.5	26.0	21.3	84.6	21.325	18.5	0.0	0.0	0.0	
24	15.0	27.0	20.5	86.1	20.993	18.2	0.0	2.5	2.5	
25	14.0	26.0	21.3	83.5	21.056	18.3	0.0	0.0	0.0	
26	15.0	26.0	20.3	83.9	20.026	17.5	0.0	30.0	30.0	
27	14.0	25.0	21.8	80.9	20.861	18.2	10.0	0.0	10.0	
28	14.0	25.0	21.0	84.8	21.044	18.3	0.0	2.0	2.0	
29	14.0	25.0	20.3	91.4	21.802	18.9	0.0	10.0	10.0	
30	14.0	25.0	20.0	88.1	20.593	17.9	0.0	0.0	0.0	
31	15.0	25.0	20.3	84.5	20.164	17.6	0.0	0.0	0.0	
PROM.	15.9	25.3	20.6	85.6	20.658	18.0	78.9	308.5	387.4	

M E S - FEBRERO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	26.0	21.0	87.5	21.629	18.8	0.0	0.0	0.0	
2	14.0	25.0	21.1	86.1	21.414	18.6	0.0	0.0	0.0	
3	13.5	25.0	21.0	83.6	20.757	18.1	0.0	0.0	0.0	
4	15.0	26.0	20.8	79.8	19.497	17.1	0.0	27.0	27.0	
5	14.5	25.0	19.6	91.1	21.024	18.3	12.0	0.0	12.0	
6	13.0	25.0	19.0	88.6	19.477	17.1	0.0	6.0	6.0	
7	14.0	25.0	19.1	92.6	20.518	17.9	1.5	0.0	1.5	
8	17.0	26.3	20.6	83.9	20.124	17.6	0.0	0.0	0.0	4.6
9	18.0	26.6	20.8	69.0	17.777	15.4	0.0	0.0	0.0	5.8
10	17.8	27.4	22.2	63.1	16.951	14.9	0.0	0.0	0.0	5.8
11	18.0	24.3	20.7	81.9	20.163	17.6	0.0	7.9	7.9	1.8
12	18.0	26.0	21.2	81.8	20.479	17.9	0.3	0.0	0.3	3.1
13	17.6	25.0	21.4	82.1	20.722	18.1	0.0	35.6	35.6	3.6
14	17.4	24.0	20.1	93.7	22.015	19.0	1.9	14.3	16.2	1.0
15	18.0	22.0	19.9	88.5	20.530	17.9	2.0	0.9	2.9	0.0
16	16.3	25.4	20.3	81.5	19.538	17.1	0.0	13.5	13.5	6.3
17	17.3	25.2	21.4	85.6	21.460	18.6	0.0	36.3	36.3	4.3
18	17.0	23.3	20.1	88.2	20.309	17.8	5.9	52.0	57.9	1.4
19	17.6	25.1	20.0	89.9	21.027	18.2	0.3	1.7	2.0	1.5
20	17.2	23.0	20.8	89.0	21.629	18.7	0.0	19.7	19.7	0.3
21	16.6	25.6	20.5	88.4	21.058	18.3	0.0	1.0	1.0	2.4
22	17.6	24.6	21.0	81.3	20.272	17.7	0.4	0.0	0.4	5.2
23	17.6	24.6	20.8	82.3	20.109	17.5	0.0	12.5	12.5	1.0
24	17.8	25.8	21.3	82.8	21.000	18.2	0.0	0.0	0.0	1.0
25	17.4	26.0	20.0	91.1	21.813	18.8	3.1	0.0	3.1	2.5
26	17.1	26.4	20.6	85.4	20.960	18.2	0.0	0.0	0.0	4.9
27	17.3	27.0	22.1	79.8	20.762	18.1	0.0	11.0	11.0	4.0
28	17.4	26.3	20.8	83.2	20.521	17.9	0.0	0.3	0.3	3.4
PROM	16.6	25.2	20.7	84.4	20.483	17.8	27.4	239.7	267.1	

ESTACION: LA MONTAÑA MUNICIPIO: DOLORES AÑO: 1.982

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

M E S - MARZO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.1	25.4	21.5	89.2	22.601	19.4	0.0	3.6	3.6	2.2
2	17.4	25.7	20.3	86.9	21.212	18.4	2.3	33.5	35.8	3.5
3	16.0	25.1	21.3	87.2	21.713	18.8	0.0	1.8	1.8	5.2
4	17.4	25.0	20.5	86.0	20.979	18.2	2.5	0.0	2.5	4.1
5	18.0	25.7	20.8	74.6	18.037	15.8	0.0	15.5	15.5	2.9
6	17.0	24.3	19.7	85.7	19.503	17.1	4.4	0.0	4.4	1.7
7	18.0	25.4	20.5	83.0	20.272	17.7	0.0	4.9	4.9	6.9
8	17.4	26.0	20.9	84.8	20.414	17.8	12.9	0.0	12.9	3.2
9	16.5	27.0	21.8	80.4	20.826	18.1	0.0	38.0	38.0	5.6
10	16.4	25.8	20.9	86.0	21.175	18.4	0.4	0.0	0.4	2.7
11	18.0	26.0	20.6	80.7	19.887	17.3	0.0	0.0	0.0	2.3
12	16.0	27.3	21.5	78.1	19.769	17.2	0.0	0.0	0.0	4.5
13	16.4	25.4	20.8	75.2	18.373	16.1	0.0	0.0	0.0	6.8
14	17.0	24.3	20.8	80.6	20.050	17.5	14.1	0.0	14.1	0.7
15	18.1	25.2	19.3	84.8	19.037	16.7	2.2	8.0	10.2	2.2
16	16.0	23.3	21.5	79.8	20.254	17.7	0.3	0.3	0.6	1.0
17	15.5	25.0	21.3	85.8	21.725	18.8	0.2	1.5	1.7	2.9
18	17.0	23.3	20.8	86.1	20.889	18.2	2.0	2.0	4.0	0.7
19	17.0	25.3	20.0	83.3	19.470	17.1	0.0	61.7	61.7	2.4
20	17.0	22.2	20.3	89.3	21.289	18.5	18.1	0.0	18.1	0.1
21	18.0	24.0	20.6	83.8	20.543	17.9	0.0	0.0	0.0	7.4
22	18.0	25.6	22.5	73.5	19.822	17.3	0.0	0.0	0.0	6.6
23	18.5	28.3	21.3	91.8	21.333	18.4	0.2	0.0	0.2	4.3
24	17.0	25.3	21.1	84.5	21.215	18.4	0.0	5.6	5.6	2.3
25	17.1	25.0	21.5	82.9	21.023	18.3	0.0	3.6	3.6	3.4
26	18.0	25.3	21.0	78.7	19.564	17.1	0.9	1.1	2.0	3.8
27	17.4	25.3	21.0	83.2	20.728	18.0	4.3	0.0	4.3	5.6
28	17.0	22.0	19.1	84.9	18.782	16.5	0.0	0.0	0.0	1.6
29	17.4	27.0	21.0	86.7	21.540	18.7	0.0	0.0	0.0	1.6
30	16.0	27.1	20.8	78.7	18.826	16.5	0.0	0.0	0.0	5.7
31	18.0	25.3	21.1	76.4	19.091	16.7	0.0	0.0	0.0	3.5
PROM.	17.1	25.3	20.8	82.7	20.321	17.7	64.8	181.1	245.9	107.4

M E S - ABRIL

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	25.3	21.9	85.1	22.191	19.1	0.0	0.0	0.0	1.0
2	17.3	24.1	20.3	79.5	18.984	16.6	0.2	0.0	0.2	0.1
3	17.3	26.0	20.2	87.4	20.822	18.1	0.0	4.5	4.5	2.9
4	17.1	23.0	19.8	95.7	22.287	19.2	7.0	6.9	13.9	0.4
5	18.0	25.0	20.9	74.0	18.260	16.0	0.0	0.2	0.2	6.4
6	16.2	20.0	19.3	97.6	21.911	18.9	5.0	25.5	30.5	0.0
7	16.6	23.3	19.8	95.3	22.002	19.0	6.2	0.6	6.8	2.5
8	17.0	24.6	19.8	87.1	20.481	17.8	0.4	0.3	0.7	1.6
9	15.1	24.3	19.9	88.3	20.384	17.8	9.8	2.4	12.2	3.0
10	16.0	22.0	20.0	95.3	21.807	18.9	8.8	0.0	8.8	1.0
11	15.0	25.6	21.3	87.0	22.222	19.1	0.0	0.0	0.0	5.5
12	16.3	26.0	20.5	88.7	21.117	18.4	0.4	21.1	21.5	4.9
13	16.0	24.0	21.0	92.4	23.047	19.7	2.4	0.0	2.4	4.3
14	17.2	25.0	19.3	84.5	18.978	16.7	0.0	5.6	5.6	5.1
15	17.0	25.3	20.0	81.9	18.598	16.3	0.0	0.0	0.0	5.5
16	18.0	25.4	20.3	75.1	17.969	15.8	0.0	4.7	4.7	1.7
17	17.1	24.3	20.3	87.8	20.924	18.2	0.2	13.5	13.7	2.5
18	17.2	24.1	20.3	87.4	21.322	18.5	0.0	54.0	54.0	5.3
19	17.0	26.2	19.4	87.4	19.787	17.3	4.4	0.0	4.4	0.0
20	17.3	26.3	21.1	83.7	20.936	18.2	0.0	0.8	0.8	7.4
21	16.1	23.1	20.8	79.0	19.680	17.2	2.7	0.0	2.7	1.4
22	16.3	28.3	21.0	70.4	17.545	15.4	0.0	0.1	0.1	9.1
23	18.0	23.3	19.8	84.5	19.652	17.2	2.7	6.8	9.5	1.5
24	17.0	22.0	19.8	91.5	20.968	18.2	61.7	0.0	61.7	0.0
25	16.5	28.4	21.3	83.9	21.280	18.4	0.0	0.0	0.0	9.1
26	20.0	26.6	21.6	66.1	17.329	15.2	0.0	0.0	0.0	1.0
27	19.3	28.4	23.4	63.7	18.554	16.2	0.0	0.0	0.0	5.6
28	18.0	25.3	23.0	80.1	22.523	19.4	2.7	0.0	2.7	0.7
29	16.1	26.3	19.8	89.4	20.717	18.1	2.2	95.3	97.5	5.4
30	16.0	22.0	20.3	90.4	21.106	18.4	0.0	0.0	0.0	1.6
PROM	17.0	24.8	20.5	84.7	20.446	17.8	116.8	242.3	359.1	96.5

ESTACION: LA MONTAÑA MUNICIPIO: DOLORES AÑO: 1.982

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	28.3	23.0	67.8	18.532	16.2	0.0	8.9	8.9	6.8
2	16.6	25.3	22.8	80.9	22.258	19.2	0.1	0.0	0.1	4.8
3	18.0	26.4	21.2	71.4	18.045	15.8	0.0	0.0	0.0	8.8
4	17.0	27.4	21.5	82.8	21.496	18.6	0.0	1.6	1.6	6.3
5	16.4	26.3	21.4	73.1	18.757	16.4	0.0	0.0	0.0	8.2
6	18.0	27.3	22.3	63.2	18.812	16.5	0.0	0.0	0.0	6.5
7	17.2	24.3	22.3	84.1	22.728	19.5	0.2	0.0	0.2	1.7
8	18.0	27.3	21.8	78.8	20.443	17.8	0.0	0.0	0.0	2.2
9	17.3	27.7	21.6	75.4	19.733	17.3	0.0	0.0	0.0	9.0
10	17.4	24.0	21.5	77.4	20.075	17.5	1.4	0.0	1.4	3.7
11	16.3	26.4	21.3	85.1	21.505	18.7	0.0	0.0	0.0	3.6
12	17.0	28.0	21.6	63.8	16.576	14.5	0.0	0.0	0.0	7.4
13	17.0	27.8	21.0	67.8	17.200	15.1	0.0	0.0	0.0	8.5
14	19.3	28.4	22.1	66.9	17.829	15.7	0.0	7.3	7.3	3.6
15	16.6	26.6	23.0	79.2	21.624	18.7	0.0	0.0	0.0	6.1
16	17.0	25.6	21.0	86.4	21.912	19.0	4.2	0.0	4.2	2.2
17	16.8	25.0	19.4	91.3	20.635	18.0	16.7	1.2	17.9	4.2
18	17.4	24.6	20.3	97.5	23.294	19.9	1.7	17.9	19.6	3.2
19	17.1	24.2	19.6	94.8	21.641	18.7	13.6	0.1	13.7	1.9
20	16.3	26.4	20.2	91.3	21.254	18.5	16.8	25.1	41.9	4.1
21	16.4	25.0	21.0	84.9	20.867	18.2	6.8	20.8	27.6	3.3
22	16.8	24.0	20.2	88.3	20.956	18.2	5.5	12.8	18.3	2.7
23	16.0	24.3	20.8	85.1	20.654	18.0	0.0	0.0	0.0	3.4
24	17.0	25.0	21.8	78.2	19.913	17.3	0.0	3.4	3.4	3.7
25	16.0	25.0	20.6	90.2	21.621	18.7	0.1	0.0	0.1	3.1
26	17.3	22.2	19.8	94.6	21.229	18.4	7.3	0.5	7.8	0.6
27	17.0	23.0	20.3	92.4	22.065	19.1	3.3	0.1	3.4	0.4
28	17.4	21.0	18.7	97.6	20.832	18.1	6.6	0.2	6.8	0.0
29	18.0	26.3	21.6	73.3	18.645	16.3	0.0	0.0	0.0	3.0
30	19.0	27.0	22.3	73.3	20.247	17.6	0.0	4.5	4.5	6.3
31	18.0	24.0	21.6	76.7	19.597	17.2	0.0	0.0	0.0	0.7
PROM.	17.2	25.6	21.2	81.2	20.354	17.7	84.3	104.4	188.7	130.0

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	25.3	23.3	66.9	18.864	16.5	0.0	0.0	0.0	8.6
2	18.0	26.4	24.3	52.8	15.892	13.8	0.0	0.0	0.0	4.3
3	18.6	26.4	21.1	55.4	13.736	11.7	0.0	0.0	0.0	3.6
4	18.0	25.0	21.0	72.5	18.070	15.9	0.3	4.7	5.0	5.3
5	18.0	25.0	21.3	82.0	20.909	18.2	0.0	0.0	0.0	1.9
6	18.3	25.3	20.8	72.7	18.126	15.9	0.0	0.0	0.0	3.3
7	17.0	25.4	22.4	56.3	15.059	13.1	0.0	1.2	1.2	10.0
8	17.0	27.0	21.8	56.9	14.748	12.7	0.0	0.0	0.0	8.2
9	17.0	28.6	22.1	64.7	16.452	14.4	0.0	0.0	0.0	6.4
10	17.0	26.8	21.2	80.7	20.361	17.6	0.0	0.0	0.0	6.2
11	17.3	28.8	21.3	81.6	20.701	18.0	0.2	0.0	0.2	8.6
12	17.6	25.3	21.3	81.3	20.607	18.0	6.7	0.0	6.7	4.7
13	16.5	28.8	22.1	59.3	16.059	14.1	0.0	0.0	0.0	7.8
14	18.6	28.5	24.5	67.1	19.838	17.4	0.0	0.0	0.0	7.6
15	19.0	28.2	23.5	61.5	16.760	14.6	0.0	0.3	0.3	9.8
16	18.5	27.8	22.8	61.5	16.899	14.9	0.7	0.0	0.7	5.8
17	19.0	27.3	22.1	62.8	16.716	14.7	0.0	0.0	0.0	9.2
18	19.0	26.5	22.1	54.9	14.865	12.7	0.0	0.0	0.0	6.9
19	20.0	30.0	25.0	54.6	16.841	14.7	0.0	0.0	0.0	6.1
20	19.0	25.1	21.5	77.8	20.164	17.6	0.5	0.0	0.5	0.3
21	17.5	28.0	22.5	64.3	17.225	15.1	0.0	1.2	1.2	5.6
22	17.0	27.4	23.4	53.3	15.335	13.4	0.0	0.0	0.0	9.2
23	17.6	28.3	22.1	52.6	14.315	12.2	0.0	0.0	0.0	7.4
24	18.0	28.5	23.3	60.0	17.401	15.3	0.0	0.0	0.0	6.1
25	17.5	28.0	22.5	61.5	16.314	14.3	0.0	0.0	0.0	5.3
26	17.0	29.6	23.5	71.5	19.879	17.4	0.0	0.0	0.0	9.7
27	18.5	27.0	23.4	57.0	16.474	14.3	0.0	0.0	0.0	2.3
28	19.5	29.0	23.7	59.3	17.658	15.4	0.0	0.5	0.5	9.4
29	18.5	27.0	22.7	63.8	17.564	15.4	0.0	0.5	0.5	4.5
30	18.5	26.5	21.5	66.2	16.952	14.9	0.0	0.0	0.0	7.8
PROM	18.0	27.2	22.5	64.4	17.359	15.1	8.4	8.4	16.8	191.9

ESTACION: LA MONTAÑA MUNICIPIO: DOLORES AÑO: 1.982

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

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	26.0	21.2	64.4	16.212	14.2	0.0	0.0	0.0	3.5
2	18.5	27.5	21.9	74.4	19.297	16.9	0.0	0.0	0.0	4.6
3	16.5	27.7	21.9	67.1	17.721	15.6	0.0	0.0	0.0	3.8
4	18.3	28.6	22.6	61.2	16.586	14.4	0.1	0.0	0.1	4.3
5	18.5	28.0	22.7	60.1	16.273	14.3	0.0	0.0	0.0	10.6
6	18.0	26.6	22.8	58.7	16.345	14.3	0.7	0.0	0.7	5.5
7	17.5	27.0	24.1	56.7	16.890	14.8	0.0	0.0	0.0	7.5
8	17.6	25.0	19.8	83.4	20.650	18.0	2.2	0.0	2.2	0.8
9	16.0	29.0	24.1	50.5	14.516	12.4	0.0	0.0	0.0	10.8
10	19.0	27.6	23.9	58.6	17.389	15.3	0.0	0.0	0.0	6.2
11	19.0	28.5	23.4	55.5	15.858	13.9	0.0	0.0	0.0	6.0
12	19.5	26.4	21.7	59.4	15.606	13.6	0.6	0.6	1.2	3.9
13	16.0	28.6	23.4	47.9	13.881	11.8	0.0	0.0	0.0	5.5
14	18.4	29.0	22.9	51.4	14.319	12.3	0.0	0.0	0.0	10.6
15	20.0	29.3	24.4	44.8	13.769	11.7	0.0	0.0	0.0	10.2
16	19.3	27.0	23.8	49.6	14.373	12.4	0.0	0.0	0.0	7.1
17	19.8	28.8	24.6	44.9	13.727	11.7	0.0	0.0	0.0	8.6
18	19.6	28.9	22.6	56.2	15.804	13.8	0.0	0.0	0.0	5.1
19	18.6	27.6	24.8	45.1	13.902	11.1	0.4	0.0	0.4	3.2
20	19.6	25.0	22.1	54.3	14.654	12.6	0.0	0.0	0.0	0.7
21	18.0	29.3	21.7	47.1	12.399	10.0	0.0	0.0	0.0	10.8
22	19.4	26.8	21.4	54.7	13.946	11.9	0.0	0.0	0.0	5.0
23	19.0	26.0	21.5	57.5	15.014	13.0	0.0	0.0	0.0	7.0
24	18.3	27.3	22.7	57.8	15.896	13.9	0.0	0.0	0.0	5.5
25	18.0	28.6	21.8	54.1	14.488	12.5	0.0	0.0	0.0	7.2
26	20.0	27.0	21.9	53.4	14.157	12.1	0.0	2.6	2.6	3.8
27	17.0	22.5	20.3	82.8	19.766	17.3	5.4	0.5	5.9	1.5
28	16.0	25.6	21.1	74.2	18.867	16.6	4.3	0.0	4.3	1.4
29	16.3	27.8	21.4	54.5	13.789	11.6	0.0	0.3	0.3	3.7
30	18.4	28.8	22.1	56.2	14.958	13.0	0.8	0.0	0.8	3.7
31	17.0	26.6	22.9	51.4	14.612	12.6	0.0	0.0	0.0	5.0
PROM.	18.2	27.4	22.5	57.8	15.667	13.5	14.5	4.0	18.5	173.1

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	19.0	28.0	23.3	50.5	14.476	12.5	0.2	0.8	1.0	3.5
2	18.0	27.7	22.6	51.6	13.738	11.6	0.0	0.2	0.2	7.3
3	20.0	28.0	22.5	46.8	12.861	10.7	0.0	0.0	0.0	6.1
4	20.4	30.1	24.8	44.5	13.926	11.9	0.0	0.0	0.0	10.6
5	18.0	30.0	24.1	42.7	12.882	10.7	0.0	0.0	0.0	4.4
6	20.0	28.3	22.8	55.3	15.442	13.5	0.0	4.9	4.9	5.4
7	17.3	26.3	22.3	56.9	14.992	12.7	0.0	0.0	0.0	5.0
8	19.3	30.1	24.3	50.1	15.419	13.3	0.0	0.0	0.0	6.6
9	16.3	30.0	24.6	46.8	14.098	12.0	0.0	0.0	0.0	9.5
10	19.0	27.0	23.3	44.6	12.765	10.6	0.0	0.0	0.0	6.9
11	18.3	28.0	23.0	50.2	14.072	12.0	0.0	0.3	0.3	8.6
12	20.0	29.0	24.3	48.2	14.475	12.5	0.0	0.0	0.0	8.3
13	20.0	31.0	24.9	45.1	14.081	12.1	0.0	0.0	0.0	7.8
14	20.4	28.4	22.6	49.9	13.891	11.8	0.0	0.0	0.0	6.6
15	21.4	31.0	24.8	48.6	15.495	13.5	0.0	4.1	4.1	6.3
16	17.4	26.3	22.2	53.6	14.249	12.2	0.0	0.0	0.0	5.7
17	19.1	28.4	22.8	43.7	11.910	9.3	0.0	1.3	1.3	8.0
18	18.4	27.0	22.5	59.6	16.084	14.1	0.0	0.0	0.0	7.5
19	19.3	28.6	22.4	56.3	15.314	13.3	0.0	0.6	0.6	4.6
20	18.4	26.2	21.2	61.0	15.368	13.4	0.0	0.0	0.0	2.4
21	19.3	30.0	23.9	50.6	14.878	12.9	0.0	0.0	0.0	9.8
22	20.4	30.0	24.0	50.0	14.739	12.7	0.0	0.2	0.2	9.8
23	20.0	28.0	24.3	49.6	15.173	13.1	0.0	0.0	0.0	10.0
24	18.0	30.0	23.8	51.4	15.372	13.4	0.0	0.0	0.0	6.1
25	19.0	30.0	24.6	40.9	12.480	10.1	0.0	0.0	0.0	6.2
26	18.4	29.3	23.8	58.6	17.625	15.0	0.0	0.0	0.0	3.2
27	20.0	28.6	23.5	56.5	16.559	14.5	0.9	0.0	0.9	5.3
28	20.6	29.6	23.3	51.2	14.927	12.9	0.0	3.1	3.1	8.2
29	19.4	30.6	24.1	48.6	14.402	12.4	0.0	0.3	0.3	8.7
30	19.0	27.9	22.7	65.4	17.825	15.6	0.0	0.0	0.0	4.9
31	20.6	27.3	22.1	69.2	18.485	16.3	0.1	0.0	0.0	5.3
PROM	19.2	28.7	23.4	51.5	14.774	12.7	1.1	15.8	16.9	208.6

ESTACION: LA MONTAÑA MUNICIPIO: DOLORES AÑO: 1.982

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.0	30.0	23.8	55.4	16.594	14.6	0.0	0.0	0.0	7.5
2	19.4	28.0	23.0	59.1	16.385	14.4	0.0	0.2	0.2	5.1
3	18.3	27.3	22.7	65.6	17.899	15.7	0.0	0.0	0.0	5.9
4	19.1	28.6	22.2	57.0	15.111	13.1	0.0	0.0	0.0	5.4
5	20.6	28.0	22.2	56.8	15.264	13.3	0.0	0.0	0.0	1.8
6	21.0	26.0	22.7	46.8	12.978	10.8	0.0	0.0	0.0	2.4
7	19.6	30.0	24.2	50.1	15.187	13.2	0.0	0.3	0.3	9.0
8	19.8	28.2	23.9	50.8	14.577	12.5	0.2	0.4	0.6	6.7
9	20.6	30.6	24.8	50.8	15.895	13.9	0.0	0.0	0.0	5.8
10	21.0	28.3	24.2	67.9	20.524	17.6	3.3	0.6	3.9	1.9
11	18.0	28.0	22.6	65.0	17.071	14.8	0.0	0.0	0.0	2.3
12	17.7	31.6	24.8	45.4	13.188	10.9	0.0	0.0	0.0	0.9
13	21.1	30.6	25.0	43.8	15.070	13.0	0.0	0.0	0.0	0.2
14	18.0	25.1	22.4	72.8	19.105	16.5	0.0	0.3	0.3	0.0
15	17.4	28.3	23.3	63.8	17.226	14.9	0.0	3.2	3.2	0.0
16	16.6	26.3	21.4	74.7	19.191	16.6	0.4	0.0	0.4	1.3
17	17.0	26.3	20.4	89.3	21.229	18.4	1.4	0.6	2.0	0.7
18	18.0	28.0	22.1	66.6	17.201	14.9	0.6	0.0	0.6	2.0
19	18.0	26.1	20.2	73.1	17.294	14.6	0.6	0.0	0.6	2.0
20	18.0	28.1	22.6	56.2	14.926	12.9	0.0	0.0	0.0	4.5
21	18.6	30.6	23.9	48.2	13.920	11.7	0.0	0.0	0.0	8.5
22	19.0	29.3	23.0	52.9	14.673	12.7	0.0	0.0	0.0	2.4
23	17.4	28.0	22.4	64.5	17.428	15.3	0.6	0.0	0.6	3.5
24	18.0	30.0	24.2	46.8	13.729	11.6	0.0	0.0	0.0	5.5
25	17.0	24.6	20.3	85.8	20.635	18.0	23.1	0.0	23.1	1.1
26	17.0	22.4	19.6	91.7	20.699	18.0	10.3	0.0	10.3	0.6
27	17.0	28.0	22.4	64.4	16.781	14.6	0.0	3.4	3.4	5.6
28	15.6	26.6	21.3	78.0	19.274	16.9	0.0	2.8	2.8	3.7
29	16.3	26.4	21.6	71.1	17.697	15.2	0.0	0.0	0.0	2.6
30	16.6	28.8	22.7	53.3	14.720	12.6	0.0	0.0	0.0	3.1
PROM.	18.4	27.9	22.7	62.4	16.716	14.4	40.5	11.8	52.3	102.0

M E S - OCTUBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	25.8	21.4	69.5	17.785	15.5	0.0	0.0	0.0	0.4
2	16.4	25.6	20.6	84.5	20.324	17.8	3.4	91.8	95.2	4.5
3	16.4	22.0	18.7	91.9	19.959	17.4	3.7	0.3	4.0	0.2
4	17.1	26.4	21.1	77.3	19.661	16.9	0.2	0.8	1.0	0.0
5	16.0	23.1	19.6	83.9	18.743	16.3	1.3	0.0	1.3	0.0
6	16.3	28.1	22.7	76.9	21.184	18.4	0.0	0.0	0.0	7.2
7	17.3	26.1	21.5	75.2	19.028	16.7	0.0	10.0	10.0	3.7
8	15.4	25.4	20.8	84.8	20.553	17.9	1.7	18.2	19.9	3.8
9	16.4	24.1	19.4	85.0	18.941	16.6	5.1	33.1	38.2	3.6
10	15.4	22.2	17.3	95.4	18.729	16.5	7.2	1.1	8.3	2.0
11	17.0	28.0	21.8	65.3	16.762	14.4	0.0	0.0	0.0	9.1
12	16.6	28.0	22.3	67.4	17.916	15.7	0.0	0.0	0.0	7.7
13	17.0	25.6	20.4	71.2	17.818	15.3	0.0	7.2	7.2	5.0
14	18.0	28.3	22.8	64.5	17.375	15.2	0.0	1.1	1.1	6.4
15	16.3	26.1	22.4	69.1	17.693	15.4	9.9	0.0	9.9	5.1
16	17.0	27.0	22.2	66.8	18.131	15.5	0.0	0.0	0.0	3.5
17	17.7	24.0	20.8	84.1	19.944	17.3	2.2	0.0	2.2	4.0
18	17.0	27.6	22.5	61.5	15.796	13.3	0.0	9.9	9.9	8.7
19	16.8	25.4	21.8	68.9	17.582	15.4	0.2	31.8	32.0	5.7
20	16.0	25.8	20.6	82.4	19.773	17.3	0.2	33.4	33.6	3.8
21	15.6	22.7	19.6	92.5	21.233	18.5	6.3	3.2	9.5	2.0
22	17.3	23.3	19.8	92.7	21.543	18.7	2.9	7.8	10.7	1.9
23	16.3	24.4	19.6	93.5	21.461	18.6	0.0	40.8	40.8	3.5
24	15.4	21.3	17.8	91.2	18.698	16.4	19.8	0.0	19.8	1.1
25	16.2	24.0	20.6	69.5	16.716	14.4	0.0	0.0	0.0	2.1
26	18.0	24.3	19.7	74.6	17.361	15.2	0.0	0.0	0.0	0.8
27	14.8	24.4	21.2	65.6	16.765	14.5	0.0	0.0	0.0	3.6
28	15.6	25.4	21.2	71.9	18.397	16.0	0.0	0.0	0.0	7.8
29	14.1	27.0	22.6	55.7	15.174	13.2	0.0	0.3	0.3	7.3
30	16.7	26.4	22.7	64.0	17.630	15.3	0.0	1.4	1.4	5.7
31	16.6	26.5	21.4	67.5	17.036	14.7	0.0	0.0	0.0	7.0
PROM	16.4	25.3	20.9	76.3	18.571	16.1	64.1	292.2	356.3	127.2

ESTACION: LA MONTAÑA MUNICIPIO: DOLORES AÑO: 1.982

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

M E S – NOVIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	25.8	21.8	74.7	19.952	17.3	0.0	0.0	0.0	4.2
2	17.0	24.4	20.6	90.1	21.851	18.9	0.6	45.7	46.3	2.0
3	16.4	24.9	19.6	90.7	20.673	18.0	0.2	0.2	0.4	5.5
4	16.6	23.3	19.5	93.1	21.112	18.4	1.2	2.4	3.6	2.7
5	17.0	24.6	20.3	86.4	20.928	18.2	2.7	35.8	38.5	5.0
6	17.0	21.0	19.1	94.9	20.999	18.3	1.7	0.0	1.7	1.2
7	16.0	26.3	20.6	88.8	21.180	18.3	0.0	0.0	0.0	4.6
8	17.3	26.0	22.1	75.0	19.681	17.0	0.0	0.0	0.0	7.3
9	18.0	27.4	22.9	61.9	16.734	14.7	0.0	0.0	0.0	6.4
10	19.0	28.4	23.7	72.1	21.388	18.5	0.0	0.0	0.0	7.1
11	17.0	25.3	20.0	82.0	19.153	16.8	0.0	68.4	68.4	2.2
12	14.0	26.0	19.3	88.5	20.148	17.6	1.8	0.0	1.8	1.4
13	17.4	26.3	22.4	75.4	20.341	17.6	0.3	0.0	0.3	5.5
14	18.0	28.0	23.5	63.9	18.637	16.2	0.0	0.0	0.0	8.0
15	19.2	27.9	23.5	53.7	15.640	13.7	0.0	0.0	0.0	6.6
16	19.1	27.4	22.8	58.2	16.375	14.4	0.0	0.0	0.0	5.8
17	18.6	25.6	20.6	84.7	20.792	18.0	0.0	0.0	0.0	1.2
18	17.0	27.3	21.1	70.8	18.041	15.8	0.0	1.9	1.9	1.7
19	17.4	28.0	21.9	79.4	21.030	18.3	0.0	1.2	1.2	5.1
20	18.4	24.4	20.1	96.3	22.945	19.6	0.3	4.7	5.0	0.5
21	16.7	25.6	20.9	85.3	21.381	18.6	0.0	46.9	46.9	2.8
22	17.7	23.0	20.2	94.5	22.408	19.3	9.1	34.5	43.6	1.4
23	17.0	24.9	19.4	79.9	18.037	15.8	4.9	0.0	4.9	2.5
24	16.4	22.8	19.9	84.6	19.951	17.4	2.5	0.0	2.5	2.5
25	15.6	25.8	19.6	74.3	17.621	15.4	0.3	0.0	0.3	4.2
26	17.2	25.8	21.2	81.9	20.522	17.9	0.2	4.1	4.3	3.4
27	17.1	25.8	20.6	84.2	20.479	17.9	0.0	3.1	3.1	6.4
28	16.8	25.4	21.1	78.7	19.531	17.1	0.0	0.0	0.0	7.3
29	17.1	25.6	20.2	83.1	19.953	17.4	0.8	0.3	1.1	4.5
30	16.3	25.8	21.2	75.7	18.944	16.4	0.0	0.0	0.0	5.6
PROM.	17.1	25.6	21.0	80.1	19.881	17.3	26.6	249.2	275.8	124.6

M E S – DICIEMBRE

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	25.0	20.9	75.4	18.513	16.2	0.0	0.0	0.0	3.4
2	17.5	27.2	23.6	62.7	18.364	16.1	0.0	0.0	0.0	7.2
3	17.0	28.6	23.5	62.2	18.157	16.0	0.0	0.0	0.0	4.4
4	17.5	24.8	20.9	87.8	21.975	19.0	0.0	6.9	6.9	1.5
5	17.0	23.6	19.3	95.3	21.759	18.8	13.5	3.1	16.6	0.1
6	17.6	26.3	21.2	87.5	22.147	19.1	3.0	0.0	3.0	5.0
7	17.1	26.4	20.7	78.6	18.810	16.4	0.0	1.2	1.2	2.2
8	17.4	24.4	20.1	93.4	22.156	19.1	0.0	0.0	0.0	1.8
9	16.4	27.1	20.7	86.7	21.216	18.4	0.0	0.0	0.0	6.3
10	17.4	25.8	21.4	87.0	22.353	19.3	0.0	0.0	0.0	3.8
11	18.0	24.9	20.0	93.2	22.121	19.1	0.0	4.8	4.8	1.4
12	17.0	24.3	20.8	92.8	23.016	19.7	0.9	5.8	6.7	1.1
13	17.0	22.9	19.1	96.5	21.674	18.8	3.9	0.0	3.9	0.7
14	16.4	27.1	21.3	69.1	17.393	15.1	0.0	0.0	0.0	5.3
15	17.3	27.1	20.0	90.7	21.076	18.3	3.6	0.0	3.6	5.2
16	17.0	27.4	22.3	85.7	23.559	20.1	0.0	24.1	24.1	5.6
17	16.6	23.6	19.8	95.1	21.916	18.9	3.7	3.5	7.2	0.9
18	17.4	23.3	19.9	93.8	21.739	18.8	4.8	57.3	62.1	1.3
19	17.0	23.6	20.8	91.4	22.368	19.3	0.3	1.6	1.9	0.9
20	17.4	23.6	19.0	95.4	21.221	18.4	0.7	0.0	0.7	0.7
21	16.6	26.2	19.6	87.2	20.488	17.7	0.0	4.8	4.8	5.6
22	17.0	25.0	20.8	91.0	22.359	19.3	0.0	0.0	0.0	1.4
23	16.4	26.6	21.9	83.6	22.130	19.1	0.0	0.0	0.0	6.1
24	18.0	27.2	20.3	92.8	22.703	19.5	2.8	2.2	5.0	4.6
25	16.6	24.6	21.4	94.1	24.189	20.5	0.0	0.0	0.0	4.4
26	16.0	28.2	23.2	66.7	18.207	15.9	0.0	0.0	0.0	8.7
27	18.6	21.1	19.4	96.5	21.842	18.9	3.4	0.4	3.8	0.2
28	17.0	23.6	19.3	87.4	19.727	17.3	0.0	34.1	34.1	2.3
29	16.4	22.6	19.1	92.8	20.853	18.2	28.0	12.0	40.0	0.4
30	16.8	23.4	19.4	89.2	20.180	17.6	1.8	0.0	1.8	1.1
31	15.6	29.0	22.2	63.7	16.179	14.2	0.0	0.0	0.0	9.6
PROM	17.0	25.3	20.7	86.0	20.980	18.2	70.4	161.8	232.2	103.2

ESTACION: LA MONTAÑA MUNICIPIO DOLORES AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.9	25.3	20.6	14.0	27.0	85.6	20.658	18.0	387.4	19	
FEBRERO	16.6	25.2	20.7	13.0	27.4	84.4	20.483	17.8	267.1	20	
MARZO	17.1	25.3	20.8	15.5	28.3	82.7	20.321	17.7	245.9	22	107.4
ABRIL	17.0	24.8	20.5	15.0	28.4	84.7	20.446	17.8	359.1	23	96.5
MAYO	17.2	25.6	21.2	16.0	28.4	81.2	20.354	17.7	188.7	19	130.0
JUNIO	18.0	27.2	22.5	16.5	30.0	64.4	17.359	15.1	16.8	10	191.9
JULIO	18.2	27.4	22.5	16.0	29.3	57.8	15.667	13.5	18.5	10	173.1
AGOSTO	19.2	28.7	23.4	16.3	31.0	51.5	14.774	12.7	16.9	11	208.6
SEPTIEMBRE	18.4	27.9	22.7	15.6	31.6	62.4	16.716	14.4	52.3	15	102.0
OCTUBRE	16.4	25.3	20.9	14.1	28.3	76.3	18.571	16.1	356.3	21	127.2
NOVIEMBRE	17.1	25.6	21.0	14.0	28.4	80.1	19.881	17.3	275.8	19	124.6
DICIEMBRE	17.0	25.3	20.7	13.6	29.3	86.0	20.980	18.2	232.2	19	103.2
PROMEDIO	17.3	26.1	21.5	15.1	28.9	74.8	18.851	16.4			
TOTAL									2417.0	208	

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.982

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

M E S - ENERO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	22.1	18.9	87.1	18.908	16.6	3.3	15.6	18.9	0.7
2	15.5	22.2	17.8	92.9	19.061	16.7	9.2	3.9	13.1	0.7
3	15.6	22.0	18.2	90.3	18.710	16.4	4.7	17.4	22.1	2.2
4	15.4	20.7	17.4	90.4	17.920	15.8	8.9	1.9	10.8	0.0
5	15.0	21.2	17.2	87.0	17.009	15.0	2.9	3.2	6.1	1.4
6	14.0	22.8	17.7	83.6	16.803	14.8	4.3	1.5	5.8	2.5
7	15.0	21.1	18.0	79.7	16.310	14.3	3.4	0.2	3.6	0.2
8	15.0	23.1	18.3	84.7	17.606	15.5	0.3	0.9	1.2	2.5
9	15.3	22.3	18.5	84.2	17.969	15.8	3.8	0.0	3.8	2.1
10	14.0	23.8	18.3	82.8	17.158	15.1	1.3	0.2	1.5	3.4
11	15.2	25.6	19.0	81.5	17.846	15.7	0.0	0.2	0.2	4.3
12	17.2	26.5	20.0	77.3	17.761	15.5	0.0	0.0	0.0	5.8
13	15.3	23.7	19.5	77.6	17.437	15.3	0.0	0.0	0.0	3.2
14	15.2	24.9	19.5	80.0	17.780	15.6	0.0	0.0	0.0	4.3
15	16.0	24.4	19.8	81.5	18.599	16.3	0.0	2.9	2.9	5.3
16	16.3	24.5	19.9	80.6	18.542	16.3	0.0	0.0	0.0	4.8
17	15.3	24.7	20.2	75.8	17.491	15.4	0.0	0.0	0.0	7.5
18	15.0	26.0	19.7	80.2	18.165	16.0	0.0	0.0	0.0	7.3
19	15.3	26.8	20.3	72.3	16.662	14.6	0.0	0.0	0.0	6.6
20	15.2	25.5	20.0	76.0	17.637	15.5	0.0	0.0	0.0	5.7
21	15.0	25.2	20.1	75.0	17.225	15.1	0.0	0.0	0.0	6.0
22	14.7	25.6	19.7	80.0	18.043	15.9	0.0	0.0	0.0	7.0
23	14.7	24.5	19.4	75.2	16.505	14.5	0.0	0.0	0.0	5.5
24	14.2	24.5	18.8	75.9	16.180	14.2	0.0	0.0	0.0	4.9
25	15.1	23.5	18.9	79.7	17.190	15.1	0.0	0.0	0.0	2.0
26	14.0	22.8	18.3	81.4	16.818	14.8	0.0	1.3	1.3	5.0
27	14.3	22.8	18.1	86.2	17.919	15.8	3.5	0.0	3.5	1.6
28	15.2	24.2	18.1	85.7	17.703	15.6	10.6	1.6	12.2	1.9
29	14.3	23.8	19.5	76.1	16.977	14.9	0.0	3.5	3.5	6.4
30	16.6	23.5	20.0	85.0	19.764	17.3	0.0	0.0	0.0	2.6
31	16.7	23.5	19.2	81.0	17.726	15.6	0.0	0.0	0.0	4.4
PROM.	15.2	23.8	19.0	81.5	17.659	15.5	56.2	54.3	110.5	117.8

M E S - FEBRERO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.1	25.0	20.0	78.8	18.299	16.1	0.0	8.7	8.7	4.5
2	16.2	25.0	19.0	84.5	18.460	16.2	0.5	0.0	0.5	0.0
3	15.7	23.5	19.1	76.4	16.778	14.7	0.0	0.0	0.0	5.5
4	16.0	24.5	19.5	79.0	17.752	15.6	0.5	6.5	7.0	4.9
5	15.8	23.8	19.6	81.0	18.283	16.1	1.7	0.4	2.1	1.5
6	16.0	22.0	19.0	81.1	17.941	15.7	0.0	0.0	0.0	3.1
7	15.7	25.5	19.3	75.2	16.432	14.4	0.4	0.0	0.4	3.2
8	14.3	23.0	18.6	83.5	17.759	15.6	0.2	0.0	0.2	1.1
9	15.1	24.2	20.0	82.4	18.868	16.5	0.0	26.7	26.7	5.4
10	16.9	24.5	19.7	86.6	19.938	17.4	1.1	0.3	1.4	0.9
11	16.8	25.0	20.5	81.5	19.358	17.0	0.0	0.0	0.0	3.8
12	16.7	22.5	19.9	87.1	19.992	17.5	0.4	0.1	0.5	1.6
13	15.8	25.5	20.0	78.1	17.831	15.7	0.0	0.0	0.0	4.7
14	16.4	24.5	20.1	75.8	17.636	15.5	0.8	9.6	10.4	1.1
15	16.3	24.0	19.2	83.0	18.208	16.0	0.7	1.1	1.8	0.9
16	17.0	24.5	19.3	78.7	17.488	15.3	0.3	4.8	5.1	3.3
17	14.4	24.2	18.5	86.3	18.120	15.9	3.6	0.0	3.6	3.9
18	15.3	25.6	20.2	74.9	17.524	15.4	0.0	0.0	0.0	5.0
19	15.7	23.2	19.2	76.9	16.707	14.7	0.0	2.7	2.7	1.9
20	14.5	22.0	18.2	84.5	17.500	15.4	2.2	0.0	2.2	0.9
21	14.2	26.2	20.3	74.6	16.969	14.9	0.0	22.0	22.0	6.6
22	16.7	24.3	19.5	72.7	16.273	14.2	0.0	0.0	0.0	3.3
23	15.7	23.5	19.7	79.4	18.068	15.9	0.0	0.0	0.0	5.1
24	15.0	24.8	19.5	81.9	18.373	16.2	0.0	0.0	0.0	1.8
25	16.0	25.5	20.5	74.3	17.374	15.3	0.0	0.1	0.1	6.5
26	15.9	25.6	20.8	73.8	17.729	15.6	1.4	0.0	1.4	4.0
27	15.0	23.8	19.7	83.7	19.106	16.8	0.0	18.4	18.4	1.6
28	15.6	22.7	19.5	81.9	18.609	16.4	1.8	0.2	2.0	3.1
PROM	15.7	24.2	19.6	79.9	17.978	15.8	15.6	101.6	117.2	89.2

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.982

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

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.7	22.3	19.2	82.4	18.419	16.2	9.8	6.1	15.9	1.4
2	15.4	24.2	18.4	88.1	18.800	16.5	7.9	0.0	7.9	2.6
3	15.2	26.0	19.7	78.4	17.606	15.5	0.0	0.6	0.6	7.3
4	16.8	21.0	18.8	80.6	17.251	15.1	0.0	0.0	0.0	0.0
5	15.0	25.2	20.0	76.0	17.380	15.3	0.0	0.0	0.0	3.3
6	16.0	24.5	19.3	81.9	18.041	15.8	0.4	2.2	2.6	5.0
7	16.4	26.7	20.9	72.2	17.297	15.1	0.0	0.0	0.0	8.5
8	16.3	23.5	19.5	82.4	18.914	16.6	0.6	0.0	0.6	6.2
9	13.9	24.4	19.2	73.8	16.017	14.0	0.0	0.0	0.0	5.6
10	14.0	23.9	18.8	74.2	15.570	13.6	0.0	0.0	0.0	6.5
11	16.0	22.8	18.8	79.2	17.015	14.9	0.0	0.0	0.0	2.4
12	15.2	23.2	19.1	78.7	17.369	15.3	0.0	0.0	0.0	4.1
13	17.0	25.3	19.7	85.1	19.573	17.2	9.2	0.0	9.2	4.9
14	16.6	22.6	19.4	84.2	18.806	16.5	5.4	0.0	5.4	0.1
15	14.7	24.5	18.9	79.1	17.021	15.0	0.0	0.5	0.5	2.8
16	15.6	24.7	19.2	83.4	18.531	16.3	0.4	0.0	0.4	2.4
17	15.3	23.2	18.8	82.6	17.933	15.8	5.5	0.1	5.6	3.1
18	15.4	24.8	19.1	81.2	17.770	15.7	10.0	0.0	10.0	2.5
19	15.2	24.7	19.7	75.8	16.805	14.7	0.0	0.0	0.0	3.9
20	16.6	24.8	19.8	82.5	19.083	16.8	0.0	0.0	0.0	5.8
21	15.7	26.5	21.1	74.9	18.538	16.2	0.0	0.0	0.0	4.6
22	17.0	26.0	20.0	82.5	19.387	17.0	0.0	0.0	0.0	5.5
23	16.0	24.5	20.2	77.2	17.853	15.7	0.0	0.0	0.0	5.1
24	16.0	25.2	20.3	75.4	17.544	15.4	0.0	0.0	0.0	3.0
25	16.0	25.0	20.0	76.3	17.491	15.4	0.0	0.8	0.8	6.0
26	16.4	23.2	19.2	79.8	17.454	15.3	3.3	0.0	3.3	1.1
27	14.0	25.0	19.4	76.3	16.736	14.7	0.0	0.0	0.0	5.4
28	16.7	24.3	19.9	82.6	19.147	16.8	0.0	1.2	1.2	2.2
29	16.5	25.5	19.7	80.9	18.615	16.4	8.8	0.2	9.0	4.4
30	16.9	23.7	19.3	83.0	18.784	16.5	0.9	0.2	1.1	3.6
31	15.8	25.4	20.3	78.1	18.277	16.0	0.0	0.0	0.0	3.7
PROM.	15.8	24.4	19.5	79.6	17.904	15.7	62.2	11.9	74.1	123.0

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	16.6	25.6	20.2	80.8	19.281	16.9	19.6	0.0	19.6	2.3
2	17.2	24.0	19.2	84.9	18.962	16.6	5.6	0.0	5.6	1.1
3	17.3	23.6	19.5	79.9	18.238	16.0	0.0	0.8	0.8	0.0
4	16.6	22.6	19.1	87.1	19.354	16.9	14.7	0.6	15.3	0.7
5	16.0	24.5	19.6	81.0	18.097	15.8	2.1	0.1	2.2	3.5
6	16.0	24.5	19.0	87.1	19.144	16.8	5.6	0.3	5.9	0.6
7	15.3	26.0	20.0	83.2	19.489	17.1	16.3	2.0	18.3	4.1
8	16.3	25.3	20.1	79.9	18.643	16.4	3.4	0.0	3.4	0.9
9	16.4	24.5	18.9	79.8	17.289	15.2	0.7	0.5	1.2	0.4
10	14.8	25.8	19.8	76.2	17.315	15.1	0.9	3.3	4.2	2.6
11	14.5	24.5	18.5	85.2	18.083	15.9	10.0	8.3	18.3	5.7
12	14.3	23.3	18.4	80.3	17.007	14.9	0.1	0.0	0.1	2.2
13	13.0	25.3	18.1	73.9	16.177	14.2	0.0	1.8	1.8	5.5
14	14.2	25.0	19.2	80.3	17.493	15.4	0.0	0.1	0.1	6.0
15	15.8	27.3	20.6	75.1	17.371	15.1	0.0	0.1	0.1	8.3
16	16.8	25.6	20.2	80.0	18.932	16.6	0.0	7.9	7.9	4.8
17	16.5	23.4	18.8	86.2	18.731	16.4	2.9	0.3	3.2	1.9
18	16.6	25.1	19.9	79.3	18.132	15.9	0.0	1.5	1.5	2.3
19	16.4	24.3	19.7	81.7	18.630	16.4	0.0	2.6	2.6	4.1
20	17.2	25.0	20.3	82.3	19.421	17.1	0.0	0.0	0.0	3.2
21	17.3	23.0	20.1	86.1	20.169	17.6	1.2	0.0	1.2	0.8
22	14.8	25.5	19.9	80.0	18.110	15.9	0.0	9.4	9.4	6.1
23	17.3	26.2	20.0	78.4	18.301	16.1	0.0	3.7	3.7	3.2
24	15.6	27.4	20.6	82.0	19.540	17.1	0.0	0.0	0.0	5.6
25	15.4	26.3	21.1	80.0	19.635	17.2	0.2	0.6	0.8	6.8
26	17.8	23.5	18.7	80.3	17.413	15.1	0.0	0.0	0.0	0.8
27	14.4	28.4	20.9	77.2	18.206	15.9	0.5	0.8	1.3	7.3
28	17.0	21.3	18.7	87.2	18.948	16.6	5.5	0.4	5.9	0.0
29	15.0	23.4	18.6	82.0	17.536	15.4	4.2	0.0	4.2	3.0
30	14.3	24.8	18.4	87.3	18.191	16.0	0.3	0.0	0.3	6.6
PROM	15.9	24.8	19.5	81.7	18.395	16.1	93.8	45.1	138.9	100.4

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.982

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	27.4	20.8	74.4	17.603	15.4	1.1	0.4	1.5	0.0
2	16.8	25.0	20.8	70.4	17.114	15.0	0.7	0.3	1.0	3.5
3	16.4	26.5	19.9	79.9	18.515	16.3	10.5	0.8	11.3	4.3
4	15.7	25.1	19.6	82.5	18.795	16.5	0.0	0.9	0.9	7.2
5	15.0	26.0	19.9	77.9	17.776	15.7	0.0	0.0	0.0	5.2
6	15.6	24.7	19.7	79.0	17.668	15.5	3.9	10.1	14.0	3.9
7	15.0	27.5	21.5	79.0	18.814	16.5	0.0	3.1	3.1	4.0
8	16.7	24.0	19.4	84.3	19.289	16.9	12.4	0.1	12.5	2.9
9	15.4	24.5	19.2	82.0	18.242	16.1	13.5	0.2	13.7	2.9
10	16.7	23.4	19.0	83.1	18.213	16.0	0.0	0.0	0.0	3.2
11	15.5	26.6	20.3	80.4	18.933	16.6	0.0	3.7	3.7	6.2
12	14.7	27.0	20.7	73.0	17.535	15.4	0.0	0.0	0.0	7.1
13	16.0	23.1	20.0	78.2	18.298	16.1	0.4	0.0	0.4	3.1
14	17.2	24.8	19.9	80.9	18.589	16.3	0.2	0.0	0.2	3.9
15	16.0	24.1	18.2	89.7	19.055	16.7	8.9	0.0	8.9	2.7
16	14.5	24.3	20.1	77.4	17.710	15.6	0.0	0.0	0.0	7.0
17	16.3	24.7	19.3	79.5	17.931	15.8	0.6	59.1	59.7	4.1
18	15.2	24.8	19.2	80.0	17.746	15.6	6.3	6.2	12.5	3.5
19	16.2	24.5	19.0	84.6	18.940	16.6	4.4	1.4	5.8	2.1
20	14.4	23.4	19.0	92.2	20.313	17.7	0.3	38.1	38.4	3.4
21	15.4	24.8	19.0	80.6	17.507	15.3	1.2	3.3	4.5	1.5
22	16.1	22.0	18.9	82.7	17.913	15.8	0.9	2.9	3.8	1.0
23	15.6	26.4	19.5	79.4	17.973	15.8	6.5	0.3	6.8	3.5
24	14.6	25.4	19.3	80.0	17.762	15.7	2.2	4.9	7.1	6.0
25	16.1	23.5	18.4	85.5	18.212	16.0	7.6	0.5	8.1	3.4
26	15.0	25.0	18.4	81.3	17.215	15.1	0.8	6.5	7.3	4.1
27	15.6	24.8	19.5	80.3	18.056	15.9	2.8	0.0	2.8	4.9
28	16.0	26.5	20.2	80.1	18.735	16.5	0.0	0.0	0.0	3.1
29	16.8	23.8	18.7	81.6	17.894	15.7	4.7	0.0	4.7	2.3
30	14.6	26.8	20.5	72.3	16.936	14.9	0.0	0.0	0.0	5.6
31	16.7	27.2	21.7	68.4	17.693	15.5	0.0	0.4	0.4	5.5
PROM.	15.8	25.1	19.6	80.0	18.160	16.0	89.9	143.2	233.1	121.1

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	27.4	21.6	73.5	18.770	16.5	0.0	0.0	0.0	5.5
2	15.2	26.2	21.0	72.2	17.442	15.4	0.0	0.0	0.0	5.4
3	16.8	27.4	21.0	73.9	18.115	15.9	0.0	0.0	0.0	4.0
4	16.6	23.5	19.8	78.0	17.826	15.6	1.4	0.0	1.4	1.7
5	15.5	25.0	19.7	80.4	18.331	16.1	0.5	7.5	8.0	4.3
6	14.3	27.7	21.2	63.9	14.933	12.8	0.0	0.5	0.5	4.0
7	16.4	26.0	19.6	76.2	17.360	15.2	0.0	1.7	1.7	4.6
8	14.2	28.8	20.7	79.4	18.816	16.5	0.0	0.4	0.4	5.7
9	16.4	26.0	20.4	78.7	18.455	16.2	0.0	9.1	9.1	6.3
10	17.0	25.8	20.4	77.7	18.239	16.0	0.0	0.4	0.4	6.0
11	16.2	26.8	21.0	78.1	19.096	16.7	0.1	7.4	7.5	7.1
12	16.6	27.7	21.2	72.5	17.880	15.7	0.6	0.0	0.6	5.9
13	14.8	26.7	20.6	78.7	18.625	16.4	0.0	2.3	2.3	5.5
14	17.2	25.8	20.1	81.9	19.070	16.7	0.0	0.0	0.0	5.4
15	14.8	26.7	20.5	79.3	18.699	16.4	0.5	0.0	0.5	7.0
16	14.6	25.4	19.3	82.7	18.210	16.0	0.0	0.0	0.0	3.1
17	15.9	24.4	19.6	78.6	17.905	15.7	0.0	0.0	0.0	4.4
18	14.6	29.0	21.6	72.4	17.597	15.2	0.0	0.0	0.0	6.3
19	15.8	25.8	19.6	80.1	18.758	16.5	10.7	0.0	10.7	4.6
20	14.2	25.2	19.5	79.1	17.531	15.5	0.2	0.5	0.7	5.3
21	15.8	27.0	20.8	77.3	18.551	16.3	0.0	6.4	6.4	6.2
22	15.6	26.0	19.5	80.8	18.034	15.9	0.0	0.0	0.0	5.9
23	14.9	26.7	20.4	77.7	18.048	15.9	0.6	0.0	0.6	5.1
24	16.5	24.6	19.5	82.2	18.565	16.3	19.8	0.0	19.8	6.9
25	15.4	25.2	20.2	76.4	17.342	15.2	0.0	0.0	0.0	5.9
26	17.0	25.5	20.2	79.3	18.443	16.2	1.5	0.1	1.6	6.6
27	16.5	25.3	21.2	78.7	19.479	17.0	0.0	0.0	0.0	3.0
28	17.6	25.0	20.6	79.1	18.940	16.6	0.0	0.0	0.0	6.5
29	15.2	27.4	21.2	76.1	18.966	16.7	0.0	0.0	0.0	8.0
30	16.9	28.9	21.7	72.4	17.724	15.3	0.0	0.0	0.0	8.5
PROM	15.8	26.3	20.5	77.2	18.192	15.9	35.9	36.3	72.2	164.7

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.982

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

M E S - JULIO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	28.8	21.2	71.3	16.737	14.4	0.0	0.0	0.0	7.5
2	16.2	27.3	21.5	69.9	16.970	14.6	0.0	0.0	0.0	6.3
3	17.0	25.6	21.0	75.2	18.622	16.4	0.0	0.5	0.5	6.8
4	16.8	25.7	21.2	72.7	18.204	16.0	0.0	9.0	9.0	4.2
5	15.3	24.6	19.8	83.4	19.230	16.9	0.0	0.0	0.0	6.6
6	14.3	25.6	20.2	79.5	18.269	16.1	0.0	0.0	0.0	5.5
7	15.3	25.7	19.3	78.7	17.585	15.5	1.4	0.0	1.4	5.3
8	14.1	26.0	19.4	77.6	17.231	15.1	11.3	0.0	11.3	6.0
9	14.2	26.5	20.9	75.9	17.958	15.7	0.0	0.0	0.0	8.0
10	16.1	27.0	21.5	74.8	18.442	16.1	0.0	7.2	7.2	7.3
11	14.9	26.0	20.1	82.5	19.234	16.9	3.0	0.0	3.0	4.5
12	15.6	24.3	19.5	81.3	18.335	16.1	0.0	1.1	1.1	1.2
13	15.2	28.0	21.3	72.7	17.419	15.2	0.0	0.0	0.0	7.9
14	15.7	27.3	20.6	79.1	18.909	16.5	0.0	0.0	0.0	6.8
15	15.2	27.2	20.3	77.1	18.386	16.2	0.0	0.0	0.0	6.8
16	14.9	27.0	21.0	75.4	17.837	15.6	0.0	0.0	0.0	8.2
17	15.7	27.8	21.2	72.6	17.873	15.7	0.0	0.0	0.0	7.9
18	16.8	25.7	21.0	76.1	18.435	16.2	0.0	0.0	0.0	0.8
19	15.7	27.6	19.9	77.4	17.370	15.1	0.0	0.0	0.0	3.3
20	16.7	25.0	19.5	84.3	18.858	16.5	0.0	0.0	0.0	4.3
21	14.0	28.0	20.8	72.0	16.419	14.1	0.0	0.0	0.0	9.9
22	14.0	28.3	21.0	69.9	15.959	13.7	0.0	0.0	0.0	6.9
23	15.2	28.9	21.2	63.5	14.503	11.4	0.0	0.0	0.0	9.7
24	12.6	27.2	20.1	71.9	15.938	13.8	0.0	0.0	0.0	8.9
25	14.8	26.6	20.0	78.2	17.682	15.5	0.0	0.0	0.0	5.7
26	17.0	23.2	19.3	79.3	17.771	15.6	0.0	0.5	0.5	3.4
27	15.0	22.1	17.4	90.0	17.698	15.6	1.0	20.0	21.0	1.6
28	15.2	25.9	19.5	76.6	16.942	14.8	0.0	7.8	7.8	5.2
29	15.0	25.0	19.2	81.9	18.279	16.1	0.0	0.0	0.0	5.4
30	14.2	26.0	20.3	73.3	16.659	14.6	0.0	0.0	0.0	9.4
31	12.5	27.8	20.5	70.9	15.837	13.6	0.0	0.0	0.0	8.3
PROM.	15.2	26.4	20.3	76.3	17.630	15.3	16.7	46.1	62.8	189.6

M E S - AGOSTO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.3	25.3	19.3	85.6	19.301	16.9	0.9	3.6	4.5	5.6
2	16.0	26.5	20.3	74.9	17.396	15.2	0.0	0.0	0.0	7.8
3	13.9	26.3	20.5	75.2	17.509	15.3	0.0	0.0	0.0	9.4
4	14.0	28.2	20.4	72.5	16.371	14.0	0.0	0.0	0.0	0.0
5	13.3	26.2	19.6	77.5	16.990	14.9	0.0	0.0	0.0	7.2
6	15.9	23.9	18.9	80.2	17.344	15.2	0.0	0.0	0.0	3.1
7	15.9	23.0	19.1	82.3	18.252	16.0	0.0	1.2	1.2	5.5
8	15.9	23.6	18.6	81.4	17.138	15.1	1.8	0.0	1.8	3.1
9	13.2	28.8	20.8	67.3	15.018	12.3	0.0	0.0	0.0	9.9
10	15.0	26.4	20.7	77.9	18.500	16.2	0.0	2.5	2.5	7.3
11	15.6	29.4	21.7	66.0	15.926	13.5	0.0	0.0	0.0	9.3
12	14.8	26.6	21.2	74.5	18.104	15.8	0.0	0.0	0.0	9.0
13	13.2	29.9	21.7	67.2	15.484	12.7	0.0	0.0	0.0	8.4
14	15.5	28.0	21.2	74.7	17.960	15.7	0.0	0.0	0.0	8.6
15	15.5	29.0	21.0	74.7	18.083	15.8	0.0	1.4	1.4	8.5
16	16.4	27.6	20.4	74.0	17.713	15.6	0.0	0.0	0.0	5.5
17	14.7	29.9	21.2	73.9	17.675	15.3	0.0	0.0	0.0	8.5
18	16.0	28.6	21.9	74.6	19.022	16.7	0.0	0.0	0.0	5.8
19	16.3	29.9	22.0	70.4	17.601	15.2	0.0	0.0	0.0	8.2
20	16.1	27.6	22.2	64.1	16.707	14.2	0.0	0.0	0.0	0.9
21	15.4	26.4	20.5	73.2	18.220	16.0	0.0	0.0	0.0	4.7
22	15.2	30.7	22.5	65.5	16.259	13.5	0.0	0.0	0.0	8.9
23	14.2	29.9	21.6	72.4	17.304	14.8	0.0	0.0	0.0	7.8
24	15.1	27.7	20.7	75.2	17.455	15.2	0.0	0.0	0.0	5.5
25	16.3	26.0	19.8	79.4	17.989	15.8	0.0	0.0	0.0	5.8
26	14.5	29.2	21.7	72.2	17.573	15.2	0.0	0.0	0.0	7.5
27	15.3	27.0	20.7	78.9	18.625	16.3	0.0	0.0	0.0	2.3
28	16.6	27.2	21.6	74.7	18.742	16.4	0.0	0.0	0.0	6.6
29	14.1	27.3	21.4	77.8	19.039	16.7	0.0	0.0	0.0	6.9
30	15.8	28.0	20.0	82.6	18.951	16.6	10.4	0.0	10.4	5.1
31	14.7	24.8	19.5	82.2	18.423	16.2	13.4	0.0	13.4	4.6
PROM	15.2	27.4	20.7	75.1	17.635	15.3	26.5	8.7	35.2	197.3

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.982

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	28.2	21.7	73.3	17.915	15.5	0.0	0.0	0.0	8.7
2	16.4	27.7	20.8	75.8	18.018	15.6	0.0	0.0	0.0	6.5
3	15.9	25.7	20.1	85.0	19.770	17.3	0.0	0.0	0.0	6.9
4	16.1	26.0	20.4	82.8	19.904	17.4	1.0	0.0	1.0	4.3
5	15.9	27.4	21.2	78.0	19.190	16.8	0.0	0.0	0.0	7.4
6	14.0	28.0	20.8	77.2	18.487	16.2	0.0	0.0	0.0	6.2
7	14.1	28.4	19.6	80.2	17.594	15.4	0.0	0.0	0.0	8.3
8	15.4	26.5	20.7	81.1	19.359	17.0	0.0	0.0	0.0	3.1
9	17.2	24.5	19.8	82.9	19.107	16.7	1.8	1.0	2.8	2.3
10	16.4	25.6	20.3	72.0	17.035	15.0	0.3	0.0	0.3	1.9
11	16.0	25.0	19.3	79.9	17.676	15.5	7.0	0.9	7.9	3.7
12	14.2	28.4	20.6	74.8	17.015	14.8	0.0	1.1	1.1	6.6
13	17.3	26.3	20.2	77.4	18.103	15.9	0.4	1.2	1.6	5.9
14	15.6	24.3	19.7	76.9	17.570	15.4	0.9	0.3	1.2	0.0
15	16.1	24.2	19.1	75.5	16.717	14.6	0.0	0.0	0.0	0.0
16	14.3	24.2	18.9	76.5	16.729	14.7	0.2	0.6	0.8	0.0
17	14.7	22.5	17.8	82.5	16.771	14.7	1.5	0.0	1.5	0.0
18	14.4	27.0	19.8	75.7	16.886	14.7	0.3	10.8	11.1	0.0
19	16.3	21.5	18.3	86.3	18.151	16.0	2.1	0.1	2.2	0.0
20	15.8	25.0	19.0	82.7	17.983	15.8	4.5	0.5	5.0	0.0
21	14.1	25.4	18.9	79.9	16.989	14.9	0.0	0.0	0.0	0.0
22	13.1	27.0	19.8	79.2	17.708	15.5	0.0	0.0	0.0	5.0
23	13.6	23.5	18.2	83.2	17.390	15.3	0.0	19.3	19.3	2.7
24	14.2	21.0	16.9	90.9	17.774	15.7	5.4	0.2	5.6	0.8
25	13.6	22.0	16.6	84.9	16.650	14.6	21.2	5.1	26.3	2.2
26	13.5	26.5	19.5	77.0	16.577	14.2	0.0	0.0	0.0	8.3
27	13.8	25.8	18.6	85.9	18.468	16.2	0.0	10.8	10.8	6.3
28	13.6	23.0	17.6	85.0	17.117	15.1	12.7	0.0	12.7	1.7
29	13.8	25.0	18.5	83.1	17.980	15.8	0.1	0.4	0.5	4.0
30	14.7	23.5	18.6	83.4	17.912	15.8	1.0	0.0	1.0	2.8
PROM.	15.0	25.3	19.4	80.3	17.818	15.6	60.4	52.3	112.7	105.6

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.7	22.2	17.2	91.5	18.378	16.2	9.8	1.4	11.2	0.7
2	13.5	24.9	18.0	79.6	16.318	14.3	0.6	9.0	9.6	3.7
3	15.0	24.2	18.1	82.9	17.007	14.9	2.9	0.0	2.9	1.9
4	13.5	26.4	19.3	80.5	17.794	15.6	5.2	1.2	6.4	5.6
5	15.7	27.0	20.3	80.5	18.700	16.4	0.6	0.0	0.6	4.9
6	15.6	25.4	20.6	79.8	19.094	16.7	0.0	2.9	2.9	1.4
7	17.2	25.3	19.2	86.2	19.683	17.3	12.1	1.3	13.4	3.5
8	15.4	25.6	19.1	84.6	18.495	16.2	0.4	0.0	0.4	2.3
9	13.0	24.3	17.2	90.2	17.622	15.5	0.7	0.0	0.7	4.9
10	15.0	26.7	18.7	80.5	17.304	15.2	0.4	0.0	0.4	4.2
11	13.8	28.6	21.5	66.8	17.110	15.0	9.7	9.7	19.4	7.8
12	16.0	22.8	19.0	78.2	16.837	14.7	1.9	0.0	1.9	2.6
13	14.8	26.7	20.3	78.6	18.110	15.9	0.0	2.7	2.7	7.1
14	16.1	25.0	19.2	84.0	18.806	16.5	7.5	0.0	7.5	3.8
15	15.6	24.6	19.0	81.4	17.744	15.6	14.7	0.0	14.7	6.5
16	15.1	25.0	19.1	80.2	17.541	15.4	0.0	10.4	10.4	3.6
17	15.0	25.5	19.4	80.2	17.668	15.5	0.6	0.0	0.6	4.2
18	14.8	24.5	19.8	79.6	17.973	15.8	0.0	0.3	0.3	6.4
19	17.1	26.9	19.7	87.0	20.057	17.5	0.0	4.4	4.4	3.9
20	15.4	25.4	19.1	82.9	17.927	15.7	0.0	0.0	0.0	2.4
21	15.8	25.7	18.3	80.7	16.847	14.8	0.8	3.3	4.1	3.5
22	15.5	24.4	17.8	84.4	17.232	15.2	2.7	0.0	2.7	1.3
23	14.5	25.7	18.8	81.9	17.620	15.4	0.7	0.0	0.7	4.3
24	16.2	25.0	19.1	84.9	18.573	16.3	0.1	10.4	10.5	1.4
25	16.0	24.2	19.5	79.0	17.922	15.7	4.2	1.5	5.7	1.9
26	15.8	25.0	19.3	79.0	17.385	15.2	18.9	0.7	19.6	2.1
27	15.6	22.7	17.8	83.7	17.222	15.1	2.0	0.0	2.0	1.2
28	13.4	24.2	19.1	82.9	17.952	15.8	0.0	0.0	0.0	5.5
29	14.5	24.1	19.5	82.8	18.484	16.3	0.0	0.0	0.0	3.4
30	15.6	26.3	20.3	79.1	18.667	16.4	0.0	0.0	0.0	5.9
31	16.1	25.6	19.5	83.2	18.834	16.5	37.6	2.0	39.6	3.4
PROM	15.2	25.2	19.1	81.8	17.965	15.8	134.1	61.2	195.3	115.3

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.982

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

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.9	25.1	19.6	82.9	18.821	16.5	0.1	3.9	4.0	1.2
2	16.0	23.1	19.5	79.6	17.776	15.6	0.1	6.7	6.8	2.1
3	15.5	26.0	18.2	85.9	18.356	16.2	2.5	3.8	6.3	3.9
4	15.7	25.6	19.7	80.1	18.300	16.1	0.0	0.0	0.0	4.0
5	13.6	25.5	19.6	80.7	18.260	16.1	1.2	18.0	19.2	3.9
6	16.6	24.7	19.3	91.0	20.472	17.9	2.5	0.5	3.0	2.2
7	15.5	25.4	19.4	85.0	18.886	16.5	0.0	1.3	1.3	6.6
8	17.0	25.3	20.7	82.0	19.806	17.3	0.0	0.0	0.0	6.5
9	16.6	26.3	21.0	78.6	19.347	16.9	0.0	0.0	0.0	7.2
10	16.5	24.5	19.4	80.4	18.289	16.0	3.9	0.0	3.9	4.4
11	14.7	24.3	18.7	87.0	18.716	16.5	2.0	35.0	37.0	1.0
12	15.6	25.2	19.3	81.5	18.211	16.0	1.0	0.0	1.0	1.2
13	15.7	27.7	20.8	76.7	18.312	16.1	0.0	0.0	0.0	7.2
14	16.1	26.5	20.8	80.7	19.735	17.3	0.0	0.0	0.0	2.5
15	16.7	26.7	21.0	78.0	19.288	16.9	0.0	8.0	8.0	3.4
16	16.6	23.7	19.6	80.5	18.175	16.0	0.0	2.0	2.0	0.7
17	17.5	25.2	19.8	88.0	20.304	17.7	0.0	0.0	0.0	1.3
18	16.5	21.6	18.1	91.8	19.203	16.9	6.0	0.0	6.0	0.0
19	15.2	26.0	19.6	77.0	17.315	15.2	0.0	1.0	1.0	5.0
20	16.5	23.5	18.9	83.8	18.368	16.1	1.0	0.0	1.0	0.0
21	14.6	24.0	19.0	83.7	18.044	15.8	0.0	6.0	6.0	2.2
22	15.7	24.1	19.0	87.2	19.279	16.9	5.5	0.0	5.5	0.8
23	14.1	26.4	19.4	76.9	16.847	14.8	0.0	1.0	1.0	4.4
24	15.6	25.8	19.9	82.3	19.044	16.8	0.0	0.0	0.0	4.8
25	16.3	22.4	18.7	87.0	18.928	16.6	0.0	0.0	0.0	2.4
26	13.4	25.0	18.4	83.8	17.625	15.5	0.0	0.0	0.0	4.4
27	13.3	24.8	18.8	81.0	17.157	15.0	0.0	10.0	10.0	7.0
28	15.2	25.6	19.5	81.9	18.271	16.1	1.0	0.0	1.0	5.6
29	13.8	26.0	20.0	77.8	17.629	15.5	0.0	0.0	0.0	5.4
30	15.0	27.5	19.4	80.5	17.842	15.7	0.0	0.0	0.0	6.9
PROM.	15.5	25.1	19.5	82.4	18.554	16.3	26.8	97.2	124.0	108.2

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	25.7	20.3	76.5	18.082	15.9	0.0	3.4	3.4	4.3
2	15.1	23.9	19.4	82.0	18.338	16.1	3.5	0.0	3.5	1.7
3	16.5	26.4	20.1	78.7	18.607	16.3	0.0	1.4	1.4	3.8
4	16.5	23.3	18.6	85.1	18.661	16.4	7.6	0.0	7.6	0.0
5	16.0	23.6	18.5	84.3	18.036	15.9	6.1	0.0	6.1	1.8
6	15.2	26.0	19.5	81.1	18.112	16.0	0.0	0.0	0.0	3.2
7	16.6	24.0	19.1	92.1	20.439	17.8	2.7	0.2	2.9	1.1
8	17.0	24.6	19.4	82.9	18.595	16.3	0.0	2.0	2.0	2.2
9	16.8	22.0	18.5	85.0	18.201	16.0	1.5	0.0	1.5	0.4
10	12.7	24.0	19.4	81.4	17.695	15.4	0.0	1.7	1.7	4.1
11	16.7	24.2	20.2	81.0	18.952	16.6	0.0	0.0	0.0	4.9
12	17.3	25.5	19.7	86.7	19.669	17.2	1.6	0.0	1.6	3.0
13	17.2	25.0	19.9	90.0	21.136	18.4	0.3	0.0	0.3	1.4
14	15.9	25.5	19.4	83.0	18.535	16.3	0.0	0.0	0.0	5.0
15	15.2	26.6	20.3	78.5	18.247	16.1	0.0	0.0	0.0	7.1
16	16.0	24.0	19.7	87.1	20.190	17.7	6.4	0.0	6.4	1.9
17	16.9	23.0	18.4	87.7	18.801	16.5	0.0	0.1	0.1	1.3
18	15.5	23.0	18.5	87.4	18.508	16.3	0.0	0.0	0.0	0.8
19	15.8	26.0	19.4	84.4	18.912	16.6	0.0	0.7	0.7	4.5
20	16.9	25.7	19.3	85.5	19.205	16.9	0.0	0.0	0.0	3.0
21	16.9	22.9	18.9	84.7	18.615	16.3	0.9	0.0	0.9	2.4
22	16.7	26.5	19.9	77.8	18.019	15.8	0.0	0.0	0.0	1.9
23	16.4	25.4	19.5	92.4	21.262	18.4	5.0	9.5	14.5	2.9
24	16.2	25.1	18.8	84.8	18.658	16.4	4.6	0.0	4.6	3.6
25	14.4	25.5	18.9	81.5	17.566	15.5	0.0	0.0	0.0	7.1
26	15.0	24.1	18.7	86.8	18.626	16.4	7.9	4.5	12.4	1.6
27	16.2	22.3	19.0	89.7	19.531	17.1	1.7	0.0	1.7	0.0
28	14.6	26.7	19.2	79.2	17.281	15.2	5.2	0.1	5.3	2.5
29	14.9	24.0	18.4	83.9	17.452	15.3	0.0	0.0	0.0	0.8
30	14.3	28.5	19.9	78.1	17.590	15.5	0.0	0.0	0.0	7.4
31	14.4	25.0	19.1	83.5	18.227	16.0	0.0	0.0	0.0	8.2
PROM	15.8	24.8	19.3	84.0	18.702	16.4	55.0	23.6	78.6	93.9

ESTACION: SUBESTACION ALBAN MUNICIPIO EL CAIRO AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.2	23.8	19.0	14.0	26.8	81.5	17.659	15.5	110.5	16	117.8
FEBRERO	15.7	24.2	19.6	14.2	26.2	79.9	17.978	15.8	117.2	20	89.2
MARZO	15.8	24.4	19.5	13.9	26.7	79.6	17.904	15.7	74.1	16	123.0
ABRIL	15.9	24.8	19.5	13.0	28.4	81.7	18.395	16.1	138.9	27	100.4
MAYO	15.8	25.1	19.6	14.4	27.5	80.0	18.160	16.0	233.1	25	121.1
JUNIO	15.8	26.3	20.5	14.2	29.0	77.2	18.192	15.9	72.2	17	164.7
JULIO	15.2	26.4	20.3	12.5	28.9	76.3	17.600	15.3	62.9	10	189.6
AGOSTO	15.2	27.4	20.7	13.2	30.7	75.1	17.635	15.3	35.2	7	197.3
SEPTIEMBRE	15.0	25.3	19.4	13.1	28.4	80.3	17.818	15.6	112.7	19	105.6
OCTUBRE	15.2	25.2	19.1	13.0	28.6	81.8	17.965	15.8	195.3	27	115.3
NOVIEMBRE	15.5	25.1	19.5	13.3	27.7	82.4	18.554	16.3	124.0	19	108.2
DICIEMBRE	15.8	24.8	19.3	12.7	28.5	84.0	18.702	16.4	78.6	20	93.9
PROMEDIO	15.5	25.2	19.7	13.5	28.1	80.0	18.047	15.8			
TOTAL									1354.6	223	1526.1

ESTACION: ARTURO GOMEZ MUNICIPIO: ALCALA AÑO: 1.982

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

M E S - ENERO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	26.0	19.5	77.5	17.331	15.1	30.8	13.0	43.8	1.9
2	15.5	26.1	21.0	74.8	18.041	15.8	0.6	22.4	23.0	1.6
3	15.4	25.4	20.2	78.5	18.024	15.8	5.1	28.6	33.7	2.9
4	16.5	23.0	18.8	89.1	19.448	17.0	7.8	3.6	11.4	1.0
5	15.5	25.5	19.4	80.7	17.833	15.5	6.7	20.5	27.2	3.5
6	16.7	26.4	22.2	77.9	20.246	17.3	0.0	4.4	4.4	6.6
7	16.8	26.5	20.9	79.5	19.436	16.9	3.2	21.8	25.0	3.7
8	17.0	26.4	21.0	81.2	19.958	17.5	0.9	0.4	1.3	5.1
9	17.0	25.9	20.6	78.7	18.865	16.4	0.2	0.0	0.2	3.4
10	17.0	27.3	20.9	76.9	18.829	16.4	21.5	0.0	21.5	2.0
11	16.5	28.5	21.5	74.2	18.459	16.1	0.0	0.0	0.0	6.7
12	17.5	29.0	21.4	73.3	17.977	15.6	0.2	0.0	0.2	6.4
13	16.0	27.5	22.2	69.6	17.523	15.4	0.0	0.0	0.0	4.5
14	16.0	29.3	20.7	68.1	15.479	13.2	3.1	11.4	14.5	6.1
15	16.4	28.0	21.2	73.4	17.561	15.3	0.3	0.0	0.3	4.4
16	17.0	28.5	22.0	66.4	16.983	14.8	0.0	0.0	0.0	7.4
17	16.5	29.1	22.3	70.8	18.182	15.8	2.5	0.0	2.5	7.1
18	15.5	28.5	22.0	74.9	18.796	16.4	0.0	0.0	0.0	6.4
19	15.5	28.8	21.8	68.9	16.905	14.6	0.0	0.0	0.0	7.1
20	15.0	29.5	22.0	67.9	16.934	14.8	0.0	0.0	0.0	7.2
21	16.0	29.9	22.9	67.5	17.587	15.4	0.0	0.0	0.0	8.2
22	17.2	30.2	22.9	67.7	17.871	15.6	0.0	0.0	0.0	8.6
23	17.4	29.5	22.0	70.5	17.784	15.5	4.0	0.0	4.0	6.1
24	16.5	29.3	23.2	61.5	16.153	13.9	0.0	0.0	0.0	7.5
25	17.5	26.5	21.5	61.0	15.229	13.1	0.0	0.0	0.0	5.1
26	17.5	27.5	20.2	75.3	17.426	15.1	1.3	0.0	1.3	6.5
27	16.7	25.3	20.2	73.1	17.083	14.9	0.0	0.0	0.0	3.8
28	15.0	25.5	20.2	78.5	18.103	15.8	0.9	14.2	15.1	2.6
29	16.5	28.0	20.2	77.3	17.851	15.5	7.9	0.0	7.9	7.1
30	16.3	26.5	21.5	75.8	18.621	16.3	0.0	0.0	0.0	3.3
31	16.6	28.0	20.3	78.8	18.149	15.8	0.5	0.0	0.5	4.7
PROM.	16.4	27.5	21.2	73.8	17.892	15.6	97.5	140.3	237.8	158.5

M E S - FEBRERO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	26.5	21.3	76.6	18.945	16.6	0.0	0.0	0.0	3.1
2	16.5	25.5	20.4	79.6	18.445	16.0	4.8	0.0	4.8	1.6
3	16.0	27.5	21.5	74.4	18.140	15.7	0.0	0.0	0.0	5.4
4	16.4	28.5	22.4	65.8	16.335	13.8	0.0	0.0	0.0	5.5
5	16.5	26.5	20.7	78.5	19.092	16.7	1.5	0.0	1.5	2.0
6	15.5	26.5	20.8	73.1	18.625	16.1	3.9	1.9	5.8	3.4
7	16.3	26.2	19.0	84.7	18.603	16.3	0.0	2.2	2.2	2.7
8	14.6	26.0	21.2	72.7	17.480	15.3	0.0	0.0	0.0	3.4
9	15.6	27.5	22.3	70.9	18.106	15.6	16.6	0.0	16.6	5.6
10	17.5	25.5	22.1	76.3	19.909	17.4	0.0	0.0	0.0	1.3
11	17.3	28.5	21.7	74.5	18.915	16.5	0.0	0.0	0.0	5.1
12	15.5	26.5	20.3	80.8	19.090	16.7	5.9	3.0	8.9	2.1
13	14.6	28.5	21.6	72.4	17.669	15.4	0.0	10.3	10.3	4.8
14	17.0	27.0	20.6	77.6	18.647	16.3	0.3	0.1	0.4	3.5
15	16.3	25.0	20.2	79.9	18.700	16.3	0.0	0.0	0.0	2.1
16	15.3	27.5	21.5	74.9	18.405	16.0	0.0	0.0	0.0	6.4
17	17.1	27.5	21.9	67.2	16.879	14.6	0.0	0.0	0.0	5.7
18	17.0	28.5	21.4	70.9	17.142	14.8	0.0	13.1	13.1	5.9
19	16.3	25.0	20.6	78.2	18.487	16.0	0.1	28.0	28.1	1.5
20	15.3	21.3	18.8	81.6	17.507	15.3	0.0	0.0	0.0	0.2
21	14.5	26.2	21.8	57.1	13.832	11.7	0.0	0.0	0.0	8.3
22	15.3	27.5	21.9	72.2	18.105	15.7	0.0	0.0	0.0	4.6
23	16.2	28.0	21.0	75.4	18.118	15.7	0.3	0.0	0.3	4.7
24	14.6	26.5	21.5	74.0	18.100	15.9	0.0	0.0	0.0	1.0
25	16.3	29.5	22.7	69.9	18.377	16.0	0.0	0.0	0.0	6.7
26	17.5	26.5	22.0	74.7	19.224	16.7	0.3	0.6	0.9	0.0
27	16.5	27.5	20.9	78.6	19.118	16.7	8.2	0.0	8.2	3.2
28	17.0	28.0	21.5	81.9	20.584	17.9	1.3	7.3	8.6	3.7
PROM	16.1	26.8	21.2	75.0	18.235	15.8	43.2	66.5	109.7	103.5

ESTACION: ARTURO GOMEZ MUNICIPIO: ALCALA AÑO: 1.982

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

M E S - MARZO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	24.0	20.0	81.2	18.825	16.5	0.0	0.0	0.0	0.9
2	16.6	25.5	20.4	78.2	18.349	15.9	1.5	5.0	6.5	2.8
3	15.6	29.5	22.3	64.6	16.035	13.9	0.0	17.5	17.5	9.0
4	17.0	24.5	19.7	84.5	19.306	16.9	6.8	2.7	9.5	0.7
5	16.5	26.5	21.0	75.8	18.230	15.8	1.6	0.0	1.6	3.8
6	17.0	27.5	22.0	75.0	19.065	16.6	0.0	9.7	9.7	4.3
7	16.5	29.5	21.9	71.6	17.983	15.8	0.0	0.0	0.0	7.9
8	17.0	29.5	20.2	71.8	16.556	14.3	3.5	0.0	3.5	5.2
9	14.0	26.5	21.1	72.1	17.199	15.0	0.0	0.0	0.0	4.9
10	15.6	27.5	21.5	68.9	16.918	14.5	0.0	0.0	0.0	5.6
11	18.0	26.5	21.3	79.6	19.897	17.3	0.0	0.0	0.0	5.9
12	17.3	27.3	21.5	66.5	16.417	14.3	4.2	0.5	4.7	1.4
13	16.0	29.0	20.9	78.0	18.696	16.3	23.3	0.7	24.0	6.7
14	17.1	25.0	21.7	72.1	17.573	15.4	0.0	1.9	1.9	1.5
15	16.4	26.5	20.3	76.9	17.924	15.6	4.1	2.7	6.8	4.6
16	16.0	26.3	21.0	73.1	17.264	15.0	0.0	0.0	0.0	4.7
17	17.0	28.0	22.5	69.2	17.804	15.5	0.0	19.6	19.6	4.8
18	17.5	26.3	20.0	81.5	18.813	16.5	1.6	0.0	1.6	3.3
19	15.0	29.0	21.6	75.5	18.533	16.1	0.2	0.0	0.2	4.3
20	18.0	28.5	22.1	74.0	19.077	16.6	0.0	0.0	0.0	4.4
21	14.6	29.0	20.9	75.6	18.087	15.8	2.4	0.3	2.7	6.8
22	17.1	29.0	20.3	76.5	17.791	15.5	10.4	9.9	20.3	7.2
23	17.0	28.6	20.6	78.0	18.481	16.1	0.2	0.0	0.2	3.7
24	17.0	28.0	20.9	75.4	18.034	15.7	0.0	0.0	0.0	2.6
25	17.5	29.5	23.1	60.3	16.117	14.0	0.0	4.6	4.6	5.8
26	18.0	24.0	19.7	90.4	20.840	18.1	0.0	0.0	0.0	0.3
27	15.5	28.0	21.2	68.8	16.697	14.5	0.0	0.5	0.5	6.4
28	17.0	28.5	21.0	75.6	18.522	16.3	1.3	0.0	1.3	2.7
29	18.0	28.5	21.9	80.8	20.825	18.1	0.0	0.0	0.0	3.5
30	18.0	28.5	20.9	77.0	18.413	15.9	6.0	0.0	6.0	3.6
31	16.5	27.5	21.5	77.9	19.244	16.8	0.0	0.0	0.0	3.5
PROM.	16.7	27.5	21.1	75.0	18.178	15.8	67.1	75.6	142.7	132.8

M E S - ABRIL

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	28.0	20.5	80.9	19.395	16.9	9.3	0.0	9.3	0.7
2	17.5	26.5	21.5	80.7	20.190	17.6	0.2	0.0	0.2	0.6
3	17.5	25.0	21.7	85.6	22.052	19.0	13.7	36.7	50.4	0.3
4	18.0	22.5	19.2	88.7	19.892	17.3	6.2	0.9	7.1	1.0
5	15.5	25.0	20.2	80.6	18.641	16.4	0.0	9.9	9.9	2.2
6	16.1	24.5	20.0	82.7	19.243	16.9	0.0	0.0	0.0	3.4
7	16.0	27.0	22.0	73.6	18.525	16.2	0.0	9.8	9.8	0.8
8	16.0	23.1	18.7	91.0	19.516	17.1	4.4	0.0	4.4	0.5
9	17.5	25.0	21.1	79.3	19.537	17.0	0.1	15.4	15.5	1.8
10	16.5	25.1	20.3	80.1	18.720	16.4	0.6	0.1	0.7	0.5
11	13.3	27.0	20.3	72.7	16.310	14.2	0.0	23.1	23.1	5.7
12	16.0	25.5	19.7	75.3	16.814	14.6	0.0	0.0	0.0	3.3
13	14.0	28.0	21.4	64.2	15.326	13.1	0.0	0.0	0.0	8.5
14	16.0	28.5	22.3	63.7	16.131	13.9	0.0	0.0	0.0	6.7
15	16.0	29.5	22.4	69.4	17.932	15.7	0.0	0.0	0.0	9.5
16	18.0	28.5	22.2	72.1	18.919	16.5	0.0	31.0	31.0	3.2
17	16.6	26.5	20.1	86.2	20.324	17.8	2.0	3.8	5.8	3.7
18	17.3	24.0	19.4	78.9	17.915	15.6	0.0	14.0	14.0	5.8
19	17.0	28.0	23.0	79.1	22.153	19.1	0.0	4.4	4.4	7.1
20	16.0	27.0	22.2	82.3	21.724	18.7	0.0	0.0	0.0	2.8
21	16.5	22.2	19.7	87.7	19.809	17.3	1.0	0.0	1.0	5.8
22	14.0	23.5	20.4	73.1	16.880	14.7	0.0	0.0	0.0	0.6
23	15.5	24.5	18.4	85.6	18.022	15.8	30.4	3.9	34.3	0.0
24	13.5	24.5	20.0	80.2	18.252	15.9	0.0	0.0	0.0	0.0
25	15.0	26.0	19.9	77.4	17.434	15.1	0.0	0.0	0.0	3.0
26	14.6	27.0	19.5	79.7	17.799	15.6	5.6	0.0	5.6	0.0
27	14.6	28.0	21.8	74.9	18.247	15.7	0.0	6.8	6.8	7.7
28	17.0	22.0	18.8	90.2	19.550	17.1	13.7	0.7	14.4	0.0
29	16.0	26.5	20.2	74.3	16.976	14.9	0.6	2.7	3.3	3.8
30	15.6	26.0	19.2	83.0	18.247	16.0	0.0	0.2	0.2	4.9
PROM	16.0	25.9	20.5	79.1	18.683	16.3	87.8	163.4	251.2	93.9

ESTACION: ARTURO GOMEZ MUNICIPIO: ALCALA AÑO: 1.982

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	16.5	26.6	21.8	77.3	19.313	16.6	0.0	10.8	10.8	2.8
2	17.0	25.6	20.1	81.3	18.917	16.6	7.9	0.0	7.9	1.9
3	15.0	25.5	19.5	81.5	18.356	16.0	24.8	23.7	48.5	4.2
4	15.5	27.5	20.5	79.5	18.668	16.3	0.0	0.0	0.0	5.4
5	14.5	26.5	20.8	76.9	18.156	15.8	0.0	0.0	0.0	3.8
6	16.0	27.0	22.0	76.9	19.628	17.1	0.0	5.4	5.4	2.7
7	17.0	27.5	21.7	83.5	21.203	18.4	0.0	0.3	0.3	3.7
8	19.0	25.0	20.2	83.3	19.675	17.1	13.7	2.8	16.5	0.5
9	17.0	26.0	20.5	79.1	18.799	16.3	7.6	0.0	7.6	2.7
10	16.1	25.0	20.0	85.2	19.711	17.2	0.0	0.0	0.0	2.7
11	14.5	26.5	20.8	77.6	18.293	15.8	0.0	2.6	2.6	5.2
12	16.5	28.0	22.2	77.1	19.869	17.3	0.0	0.0	0.0	7.7
13	17.5	26.5	20.8	77.9	18.867	16.4	1.6	0.0	1.6	2.6
14	17.5	28.0	20.5	79.2	18.713	16.3	1.2	0.0	1.2	2.3
15	16.8	26.3	20.1	77.7	18.042	15.5	20.6	0.0	20.6	1.1
16	15.1	26.0	19.6	81.4	18.395	16.1	0.7	0.0	0.7	5.3
17	17.4	27.0	20.7	84.0	20.199	17.6	0.6	0.6	1.2	4.3
18	17.5	25.5	21.2	79.9	19.525	17.0	1.1	2.9	4.0	1.4
19	17.1	26.5	21.0	81.4	19.924	17.4	0.0	0.0	0.0	2.2
20	16.2	24.6	20.6	80.1	18.883	16.4	3.0	24.5	27.5	1.6
21	16.1	25.4	19.4	80.7	18.084	15.8	2.5	6.2	8.7	1.6
22	16.3	25.0	19.8	83.6	19.307	16.9	3.0	1.3	4.3	0.8
23	16.3	25.3	19.5	83.6	18.629	16.2	5.5	0.1	5.6	0.0
24	15.6	27.0	19.8	80.9	18.289	16.0	47.0	18.3	65.3	4.7
25	16.5	25.5	19.7	81.7	18.699	16.4	0.0	0.9	0.9	2.9
26	16.5	26.0	20.7	77.4	18.423	16.0	0.0	1.3	1.3	1.6
27	17.6	27.5	21.5	73.5	18.055	15.7	0.0	0.0	0.0	7.0
28	17.0	26.5	20.9	81.8	19.870	17.4	0.0	0.0	0.0	2.3
29	17.3	24.5	19.5	91.5	20.697	18.0	25.7	0.0	25.7	1.2
30	14.6	26.3	20.7	81.9	19.224	16.7	0.0	0.0	0.0	4.8
31	17.6	27.0	21.8	77.0	19.832	17.3	0.0	0.0	0.0	0.8
PROM.	16.5	26.2	20.6	80.5	19.105	16.6	166.5	101.7	268.2	91.8

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	16.5	25.0	20.5	82.9	19.668	17.1	0.0	0.0	0.0	4.5
2	15.0	26.8	21.7	76.6	19.010	16.6	0.0	0.0	0.0	4.6
3	17.0	26.5	20.4	90.7	21.550	18.7	9.6	3.6	13.2	4.4
4	16.5	24.0	19.4	90.4	19.944	17.4	32.7	0.0	32.7	1.0
5	15.0	26.5	20.8	80.8	19.434	16.9	17.2	0.0	17.2	3.1
6	16.1	24.0	20.0	80.6	18.364	16.0	0.0	0.0	0.0	2.3
7	15.5	25.5	20.9	76.4	18.682	16.4	0.0	0.4	0.4	3.6
8	16.5	28.0	21.5	71.6	18.009	15.6	10.0	0.0	10.0	5.3
9	15.5	26.5	22.4	70.6	18.316	15.9	0.1	25.3	25.4	4.8
10	15.3	27.0	20.6	76.1	17.877	15.6	0.0	0.0	0.0	7.8
11	16.0	27.5	21.3	71.7	17.398	15.0	0.0	6.4	6.4	5.3
12	16.5	26.0	20.7	74.1	17.417	15.2	0.0	0.0	0.0	6.8
13	14.5	27.5	21.3	75.5	18.962	16.6	0.0	6.2	6.2	5.5
14	15.5	26.5	21.3	76.1	18.714	16.4	0.0	0.0	0.0	5.1
15	14.3	26.5	21.9	67.7	16.942	14.8	0.0	0.0	0.0	5.7
16	14.5	26.5	21.0	77.8	18.843	16.4	0.8	0.0	0.8	5.4
17	17.0	26.5	20.7	74.2	17.733	15.5	0.0	0.0	0.0	3.1
18	16.0	25.5	20.6	80.5	19.258	16.8	0.0	0.0	0.0	4.4
19	14.7	26.5	20.0	77.0	17.858	15.6	0.3	0.0	0.3	4.7
20	13.5	24.6	20.1	78.9	18.036	15.7	0.0	0.0	0.0	1.8
21	15.1	23.5	19.3	83.2	18.598	16.3	0.0	0.0	0.0	0.4
22	16.5	28.0	22.2	73.1	18.625	16.3	0.0	0.0	0.0	7.4
23	15.3	27.5	21.5	75.8	18.511	16.1	0.0	0.0	0.0	5.9
24	15.5	25.5	21.2	82.9	20.525	17.9	8.5	0.0	8.5	1.0
25	16.0	27.5	21.2	77.6	18.799	16.4	0.0	0.0	0.0	4.9
26	17.0	27.3	21.0	74.6	17.924	15.6	0.0	0.0	0.0	5.9
27	16.5	26.1	22.1	75.8	19.701	17.0	0.0	0.0	0.0	2.4
28	16.3	28.1	21.9	68.7	17.029	14.7	0.0	0.0	0.0	8.5
29	14.5	28.2	22.3	71.7	18.444	16.1	0.0	0.0	0.0	10.2
30	15.0	29.5	23.0	57.6	14.646	12.0	0.0	0.0	0.0	7.2
PROM	15.6	26.5	21.1	76.4	18.494	16.1	79.2	41.9	121.1	143.0

ESTACION: ARTURO GOMEZ MUNICIPIO: ALCALA AÑO: 1.982

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

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.3	28.5	22.5	66.1	17.195	15.0	0.0	0.0	0.0	7.4
2	15.5	27.1	20.7	71.3	16.666	14.4	0.3	0.0	0.3	3.1
3	14.3	27.3	20.9	72.0	16.840	14.6	0.0	0.0	0.0	5.2
4	14.3	25.4	20.5	74.4	17.430	15.2	0.0	0.0	0.0	1.2
5	16.0	26.0	21.0	70.8	17.005	14.8	0.0	0.0	0.0	6.1
6	14.7	27.0	20.7	74.4	17.669	15.4	9.7	0.0	9.7	6.0
7	15.5	26.4	20.8	74.9	17.812	15.5	2.8	0.0	2.8	4.9
8	15.5	26.3	19.7	79.0	17.683	15.4	2.3	0.0	2.3	4.6
9	15.0	28.3	21.5	67.6	16.373	14.3	0.0	0.0	0.0	8.0
10	15.0	28.0	21.4	75.5	18.422	16.0	5.9	0.0	5.9	5.8
11	15.3	26.5	20.8	77.3	18.445	16.0	1.1	0.9	2.0	4.0
12	16.0	21.5	18.1	85.2	18.029	15.7	0.2	0.3	0.5	0.6
13	13.4	23.3	18.6	83.2	17.365	15.3	2.4	0.0	2.4	4.6
14	13.0	27.0	20.4	74.1	16.943	14.9	0.0	0.0	0.0	9.4
15	13.5	27.5	20.5	77.9	18.204	16.0	0.0	0.0	0.0	8.3
16	13.6	26.0	20.2	79.6	18.261	16.0	0.0	0.0	0.0	4.1
17	13.5	27.0	20.3	72.7	16.310	14.2	0.0	0.0	0.0	8.4
18	14.2	24.7	19.8	85.7	19.949	17.4	4.6	1.5	6.1	0.4
19	14.4	25.5	21.5	77.9	19.152	16.7	0.0	0.0	0.0	1.7
20	16.0	25.0	20.4	77.7	18.331	16.0	0.4	0.0	0.4	4.7
21	14.0	28.5	21.5	65.5	15.333	13.2	0.0	0.0	0.0	8.8
22	14.0	27.0	20.6	72.8	16.767	14.6	0.0	0.0	0.0	6.9
23	14.6	29.5	22.3	52.1	12.294	9.1	0.0	0.0	0.0	9.1
24	12.3	28.1	21.4	64.5	15.029	12.8	0.0	0.0	0.0	8.8
25	13.5	26.5	21.5	69.9	16.705	14.5	0.0	0.1	0.1	4.2
26	14.6	25.5	19.9	83.1	19.048	16.7	5.5	0.0	5.5	2.9
27	16.2	24.5	19.5	81.5	18.232	15.9	0.6	1.3	1.9	2.3
28	16.7	25.0	20.8	79.1	18.713	16.3	0.2	2.5	2.7	4.0
29	17.0	27.0	20.7	78.1	18.397	16.1	0.5	0.8	1.3	3.7
30	15.7	27.5	21.5	73.7	18.255	16.1	0.0	0.0	0.0	7.7
31	14.1	27.5	20.9	70.2	16.396	14.2	0.8	0.0	0.8	6.5
PROM.	14.7	26.5	20.7	74.4	17.395	15.1	37.3	7.4	44.7	163.4

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	27.0	23.1	66.2	17.152	15.0	1.0	4.1	5.1	4.9
2	15.0	27.0	21.3	69.4	16.434	14.4	0.0	0.0	0.0	8.8
3	14.5	28.5	22.3	68.8	17.185	14.8	0.0	0.0	0.0	7.8
4	14.5	29.3	22.5	54.3	13.275	10.5	0.0	0.0	0.0	9.5
5	14.5	29.0	21.9	62.9	15.358	13.2	0.0	0.0	0.0	7.4
6	14.5	26.0	20.3	72.1	16.507	14.4	0.1	0.0	0.1	3.1
7	15.5	26.0	20.5	81.5	19.270	16.8	8.5	0.0	8.5	1.9
8	17.0	25.2	20.3	81.5	19.169	16.7	0.2	0.0	0.2	3.2
9	13.4	30.0	21.8	63.8	14.969	12.8	0.0	0.0	0.0	10.1
10	15.0	30.0	23.0	67.1	17.489	15.3	0.0	0.0	0.0	6.7
11	15.0	30.8	24.3	47.0	11.778	8.3	0.0	0.0	0.0	9.9
12	16.5	31.5	24.2	48.4	12.598	9.7	0.0	0.0	0.0	8.5
13	14.5	29.5	22.4	54.7	12.934	10.3	0.0	0.0	0.0	7.9
14	16.0	30.5	22.7	64.9	16.607	14.5	0.0	0.0	0.0	8.0
15	16.0	31.0	24.8	54.4	15.105	12.9	0.0	0.0	0.0	9.4
16	17.0	29.5	22.4	63.4	16.225	14.1	0.0	0.0	0.0	5.3
17	14.0	30.5	22.8	60.5	15.005	12.9	0.0	0.0	0.0	8.5
18	16.0	28.3	22.3	60.8	15.276	13.1	0.0	0.0	0.0	6.6
19	15.6	31.0	23.6	56.0	14.653	12.2	0.0	0.0	0.0	6.6
20	17.5	29.5	24.3	53.1	14.561	12.1	0.0	0.0	0.0	1.1
21	15.4	29.3	21.7	65.0	15.829	13.7	0.0	0.0	0.0	8.1
22	14.5	32.5	25.6	50.1	13.340	10.5	0.0	0.0	0.0	5.7
23	15.5	30.5	24.2	51.5	14.198	12.1	0.0	0.0	0.0	7.9
24	15.0	31.5	23.7	54.1	14.651	12.6	0.0	0.0	0.0	6.1
25	15.5	30.5	22.9	57.7	14.801	12.5	0.0	0.0	0.0	5.4
26	14.5	30.0	23.0	58.2	14.546	12.3	0.0	0.0	0.0	7.7
27	15.6	30.5	23.3	62.4	16.359	14.3	0.0	0.0	0.0	4.8
28	16.0	31.0	24.1	50.7	13.250	10.2	0.0	0.0	0.0	1.5
29	14.3	32.0	24.9	56.6	15.562	13.4	0.0	0.0	0.0	8.8
30	14.6	29.5	21.3	72.3	17.659	15.4	0.1	0.0	0.1	3.2
31	14.5	28.5	20.8	70.7	16.595	14.5	0.0	0.0	0.0	3.8
PROM	15.2	29.5	22.8	61.3	15.430	13.1	9.9	4.1	14.0	198.2

ESTACION: ARTURO GOMEZ MUNICIPIO: ALCALA AÑO: 1.982

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.6	30.5	23.8	53.5	13.770	11.3	0.0	0.0	0.0	8.5
2	16.5	32.0	23.7	54.5	14.915	12.7	0.0	0.0	0.0	6.6
3	15.0	30.2	22.6	65.5	16.645	14.5	0.0	0.0	0.0	7.2
4	17.0	30.1	23.3	60.4	15.647	13.0	0.0	0.0	0.0	4.4
5	16.0	32.5	25.1	50.0	13.348	10.3	0.0	0.0	0.0	6.6
6	15.5	33.0	23.9	55.6	14.356	11.9	0.0	0.0	0.0	6.9
7	14.5	32.5	21.5	70.3	16.552	14.2	9.0	0.0	9.0	7.1
8	15.6	29.5	22.4	67.4	16.696	14.2	0.0	0.0	0.0	7.0
9	17.0	27.1	21.0	76.7	18.184	15.6	7.1	0.0	7.1	1.3
10	15.5	26.0	20.1	82.3	19.092	16.7	30.3	15.0	45.3	0.9
11	17.0	28.5	21.2	76.0	18.439	16.0	0.8	0.0	0.8	3.3
12	15.3	30.5	21.4	73.6	17.851	15.5	2.7	0.0	2.7	6.7
13	16.3	28.5	20.8	76.4	17.665	15.1	8.0	0.0	8.0	6.8
14	17.0	26.8	20.7	77.5	18.279	16.0	2.4	0.0	2.4	2.8
15	17.1	24.0	20.1	86.5	20.242	17.7	3.0	0.0	3.0	0.8
16	16.8	27.0	20.2	77.3	17.851	15.5	0.1	0.8	0.9	2.2
17	15.8	25.0	18.1	95.5	19.767	17.3	12.6	5.6	18.2	1.0
18	16.5	27.6	21.3	72.2	17.757	15.5	0.0	20.9	20.9	5.7
19	16.7	22.3	19.3	89.2	19.972	17.4	0.0	0.0	0.0	0.0
20	16.7	24.7	19.1	79.6	17.576	15.2	2.2	0.0	2.2	4.5
21	13.6	26.5	20.7	72.3	16.782	14.7	0.0	0.0	0.0	6.0
22	13.0	26.5	20.7	68.8	15.723	13.7	0.0	0.0	0.0	4.0
23	14.7	25.5	21.1	68.5	16.381	14.3	0.0	3.1	3.1	3.0
24	16.0	22.5	18.3	87.4	18.569	16.3	4.7	9.3	14.0	0.3
25	14.4	25.5	18.5	79.2	16.496	14.3	43.2	5.3	48.5	4.5
26	14.4	25.8	19.8	72.9	16.015	13.8	0.0	0.0	0.0	4.4
27	14.0	26.8	20.7	72.3	16.786	14.7	0.0	9.7	9.7	4.5
28	14.0	25.1	20.2	72.9	16.525	14.4	0.3	1.2	1.5	2.3
29	17.0	28.0	20.5	75.9	17.706	15.3	9.0	0.0	9.0	3.8
30	15.5	26.0	20.0	75.5	17.059	14.9	0.0	0.0	0.0	3.4
PROM.	15.6	27.6	21.0	72.9	17.088	14.7	135.4	70.9	206.3	126.5

M E S - OCTUBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	24.0	19.3	88.0	19.775	17.3	4.0	0.0	4.0	0.3
2	14.3	27.0	20.8	74.6	17.508	15.2	0.0	5.5	5.5	3.7
3	15.5	24.5	18.6	85.8	18.643	16.4	11.0	20.1	31.1	1.3
4	15.5	26.0	20.3	72.7	16.808	14.6	0.0	13.2	13.2	4.5
5	15.7	25.6	20.4	75.9	17.556	15.4	0.7	0.0	0.7	5.6
6	14.6	26.5	20.6	73.1	17.135	15.0	0.0	0.0	0.0	4.3
7	16.7	27.5	20.9	76.9	19.081	16.7	3.5	0.1	3.6	2.3
8	15.5	25.5	20.2	80.2	18.647	16.3	0.0	0.0	0.0	2.8
9	14.5	26.4	19.7	74.1	16.440	13.9	7.0	0.0	7.0	4.6
10	15.7	28.0	20.0	80.6	18.770	16.4	0.0	0.0	0.0	4.0
11	15.0	28.5	22.2	70.1	17.695	15.3	0.0	66.6	66.6	7.7
12	15.1	23.0	19.1	82.1	18.038	15.8	0.0	0.0	0.0	1.1
13	12.6	27.0	21.0	71.3	16.561	14.4	0.0	0.0	0.0	5.9
14	15.3	27.0	20.4	80.1	18.626	16.1	0.7	14.2	14.9	1.7
15	16.3	26.5	20.1	78.7	17.970	15.6	4.1	0.0	4.1	3.7
16	15.0	26.4	21.2	72.1	17.465	15.1	0.0	0.0	0.0	5.1
17	17.0	25.0	21.3	75.9	18.601	15.9	0.0	0.0	0.0	3.8
18	14.5	26.0	19.9	80.1	17.943	15.6	1.8	0.2	2.0	3.7
19	16.0	26.8	20.5	76.3	18.007	15.8	0.1	31.0	31.1	4.1
20	15.5	22.5	18.7	84.5	17.927	15.7	0.0	0.0	0.0	1.9
21	15.3	26.4	20.9	66.0	15.349	13.0	0.0	5.9	5.9	6.4
22	17.0	26.0	19.6	78.4	17.561	15.3	0.1	0.0	0.1	3.2
23	15.5	26.0	20.5	77.5	18.074	15.6	0.6	0.7	1.3	4.2
24	17.0	25.5	20.3	79.2	18.583	16.3	14.6	13.2	27.8	3.0
25	16.3	25.5	20.0	76.9	17.323	14.9	0.6	1.1	1.7	3.3
26	16.3	25.6	20.8	76.7	18.458	16.2	0.0	0.0	0.0	0.6
27	16.3	23.5	18.7	89.2	19.794	17.3	5.1	0.0	5.1	0.0
28	13.5	26.0	20.0	77.3	17.350	15.1	0.0	0.0	0.0	5.7
29	14.5	26.0	20.0	75.5	17.059	14.9	0.0	0.0	0.0	5.2
30	15.5	26.8	20.8	74.2	17.416	15.1	0.0	0.0	0.0	6.0
31	16.0	27.0	21.4	74.0	18.612	16.1	0.0	0.0	0.0	3.7
PROM	15.5	25.9	20.3	77.4	17.896	15.6	53.9	171.8	225.7	113.4

ESTACION: ARTURO GOMEZ MUNICIPIO: ALCALA AÑO: 1.982

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

M E S - NOVIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	25.0	19.3	73.4	16.753	14.7	0.0	16.7	16.7	1.9
2	15.4	24.4	19.6	81.5	18.195	15.8	0.0	46.5	46.5	2.5
3	15.0	26.5	20.1	77.7	17.441	15.2	0.0	7.5	7.5	5.5
4	16.5	26.5	19.9	70.8	16.006	13.9	1.0	0.0	1.0	9.0
5	15.0	27.0	20.1	78.3	17.986	15.8	0.0	0.6	0.6	6.1
6	18.0	26.6	21.0	74.5	18.079	15.7	1.6	0.7	2.3	4.9
7	17.1	28.5	20.8	75.5	18.040	15.7	0.0	0.0	0.0	6.1
8	17.4	29.5	21.5	72.1	17.741	15.4	0.0	0.0	0.0	5.4
9	16.3	29.5	22.6	61.7	16.168	14.1	0.0	0.0	0.0	7.7
10	18.0	27.5	19.0	86.9	19.392	17.0	0.0	0.0	0.0	3.2
11	15.3	26.0	21.3	75.6	18.486	16.1	0.0	22.8	22.8	1.3
12	16.5	26.5	20.6	75.5	17.821	15.6	0.0	0.0	0.0	4.9
13	15.5	28.5	21.8	67.6	17.136	15.0	0.0	0.0	0.0	7.1
14	15.1	28.0	21.5	73.4	18.309	16.0	0.0	0.0	0.0	4.7
15	16.4	28.5	21.9	68.2	16.972	14.7	0.0	1.1	1.1	4.7
16	17.5	25.5	21.3	80.2	19.975	17.5	0.0	0.0	0.0	0.7
17	17.0	25.5	21.3	80.2	20.229	17.7	0.0	0.0	0.0	1.1
18	18.0	22.0	19.3	87.5	19.772	17.3	5.3	0.0	5.3	0.1
19	15.5	27.5	21.1	74.4	17.776	15.5	0.0	0.0	0.0	5.4
20	17.5	24.0	20.5	87.5	21.044	18.3	30.8	13.0	43.8	2.0
21	15.0	26.0	20.4	82.6	19.402	16.9	0.0	0.0	0.0	2.4
22	16.4	25.5	20.0	80.2	18.470	16.1	0.3	1.2	1.5	2.2
23	16.0	27.0	20.8	70.2	16.552	14.5	0.0	0.0	0.0	5.4
24	16.7	26.0	21.4	74.1	18.251	15.8	0.1	0.0	0.1	2.6
25	17.3	25.5	20.6	79.6	18.989	16.6	0.6	0.0	0.6	1.2
26	16.0	28.3	20.3	72.1	15.831	13.1	18.7	1.1	19.8	5.6
27	12.6	27.0	20.7	74.2	17.143	14.8	0.0	0.6	0.6	8.0
28	16.4	27.3	21.5	70.2	17.561	15.4	0.0	0.0	0.0	5.9
29	14.4	27.5	21.8	67.2	16.369	14.1	0.0	0.0	0.0	7.0
30	15.1	28.5	20.8	69.6	16.334	14.3	0.0	0.0	0.0	6.9
PROM.	16.1	26.7	20.8	75.4	17.941	15.6	58.4	111.8	170.2	122.5

M E S - DICIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	28.0	21.4	73.9	19.554	17.0	1.1	0.0	1.1	3.2
2	16.0	28.0	19.7	77.5	17.247	15.0	1.0	0.0	1.0	3.4
3	15.4	29.1	20.7	76.2	17.686	15.3	0.2	0.2	0.4	3.2
4	18.0	23.3	20.7	82.2	20.114	17.5	0.0	0.0	0.0	2.5
5	17.0	25.5	20.7	70.7	16.958	14.8	0.0	0.0	0.0	3.7
6	16.8	26.0	19.8	77.1	17.741	15.5	9.6	0.0	9.6	3.3
7	16.0	26.5	20.1	75.4	17.233	15.0	0.0	8.7	8.7	3.0
8	16.5	25.2	20.4	77.6	18.200	15.8	0.1	8.8	8.9	2.0
9	16.0	22.0	17.7	94.6	19.159	16.8	4.6	0.0	4.6	5.0
10	14.0	27.0	21.1	72.2	16.993	14.7	0.0	0.0	0.0	4.6
11	16.2	28.0	21.4	75.5	18.438	16.0	0.0	0.0	0.0	4.6
12	17.1	27.0	21.5	74.8	19.035	16.6	0.0	12.9	12.9	5.4
13	17.5	24.4	20.5	80.8	19.393	17.0	0.0	0.0	0.0	1.7
14	15.5	27.0	21.0	71.7	17.321	15.1	0.2	0.0	0.2	6.8
15	15.5	27.5	21.1	76.2	18.329	16.0	0.0	0.0	0.0	7.5
16	17.3	26.5	21.3	76.9	19.094	16.7	0.4	0.0	0.4	3.7
17	16.5	25.1	20.0	78.6	18.421	16.2	0.0	0.0	0.0	3.2
18	16.5	25.5	20.0	79.7	18.250	15.7	0.0	0.0	0.0	1.4
19	15.6	27.4	19.6	78.2	17.556	15.3	8.9	0.8	9.7	4.5
20	16.5	27.8	21.5	75.1	18.571	16.1	1.4	0.1	1.5	5.2
21	18.0	27.6	21.1	77.3	19.221	16.8	50.3	0.6	50.9	3.4
22	16.0	27.0	20.9	75.5	18.044	15.7	0.0	0.0	0.0	3.9
23	16.5	29.3	22.4	70.9	18.222	15.8	0.0	0.0	0.0	6.8
24	16.5	27.5	20.4	76.1	18.331	16.1	0.1	0.0	0.1	4.5
25	14.5	27.5	20.9	66.2	15.348	13.3	0.0	0.0	0.0	6.6
26	15.4	29.0	22.1	67.9	16.765	14.5	0.0	6.5	6.5	6.7
27	17.5	22.0	19.8	78.2	17.987	15.7	0.1	0.0	0.1	0.1
28	15.0	25.5	20.3	78.2	18.334	16.1	0.0	0.0	0.0	3.5
29	15.0	22.5	19.5	80.7	17.955	15.6	0.0	0.0	0.0	0.0
30	15.0	28.5	20.9	72.6	17.006	14.8	0.0	0.0	0.0	7.4
31	15.5	29.0	22.4	70.3	17.916	15.7	0.0	0.0	0.0	7.5
PROM	16.1	26.5	20.7	76.3	18.080	15.7	78.0	38.6	116.6	128.3

ESTACION: ARTURO GOMEZ MUNICIPIO ALCALA AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.4	27.5	21.2	15.0	30.2	73.8	17.892	15.6	237.8	19	158.5
FEBRERO	16.1	26.8	21.2	14.5	29.5	75.0	18.235	15.8	109.7	14	103.5
MARZO	16.7	27.5	21.1	14.0	29.5	75.0	18.178	15.8	142.7	20	132.8
ABRIL	16.0	25.9	20.5	13.3	29.5	79.1	18.683	16.3	251.2	21	93.9
MAYO	16.5	26.2	20.6	14.5	28.0	80.5	19.105	16.6	268.2	22	91.8
JUNIO	15.6	26.5	21.1	13.5	29.5	76.4	18.494	16.1	121.1	11	143.0
JULIO	14.7	26.5	20.7	12.3	29.5	74.4	17.395	15.1	44.7	16	163.4
AGOSTO	15.2	29.5	22.8	13.4	32.5	61.3	15.430	13.1	14.0	5	198.2
SEPTIEMBRE	15.6	27.6	21.0	13.0	33.1	72.9	17.088	14.7	206.3	18	126.5
OCTUBRE	15.5	25.9	20.3	12.6	28.5	77.4	17.896	15.6	225.7	18	113.4
NOVIEMBRE	16.1	26.7	20.8	12.6	29.5	75.4	17.941	15.6	170.2	15	122.5
DICIEMBRE	16.1	26.5	20.7	14.0	29.3	76.3	18.080	15.7	116.6	16	128.3
PROMEDIO	15.9	26.9	21.0	13.6	29.9	74.8	17.868	15.5			
TOTAL									1908.2	195	1575.8

ESTACION: HERACLIO URIBE MUNICIPIO: SEVILLA AÑO: 1.982

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

M E S - ENERO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	22.4	17.1	89.1	18.084	15.9	24.5	30.3	54.8	0.2
2	14.0	22.0	16.9	89.4	17.383	15.3	6.3	3.4	9.7	0.3
3	14.0	21.5	16.8	89.5	17.259	15.2	9.7	0.0	9.7	0.6
4	14.0	21.0	16.5	88.8	16.847	14.8	14.4	5.9	20.3	0.4
5	14.5	22.0	16.7	81.2	15.538	13.6	8.0	3.1	11.1	1.5
6	14.5	22.5	17.3	87.3	17.369	15.3	0.0	0.8	0.8	2.4
7	15.5	22.5	17.2	85.8	17.208	15.1	0.2	9.4	9.6	1.4
8	15.4	23.0	17.9	84.9	17.309	15.2	1.3	0.0	1.3	2.1
9	15.0	22.5	18.6	83.2	17.782	15.6	0.5	4.1	4.6	3.6
10	15.4	23.5	18.4	85.0	18.018	15.8	0.2	0.3	0.5	3.5
11	15.0	25.5	19.9	80.7	18.413	16.2	0.0	0.0	0.0	5.5
12	16.4	25.0	19.1	82.0	18.168	16.0	2.2	0.0	2.2	4.4
13	15.1	23.1	19.2	83.1	18.615	16.3	0.0	0.0	0.0	3.0
14	16.0	25.0	19.5	81.1	18.181	16.0	0.0	0.0	0.0	2.4
15	16.5	25.0	18.3	85.4	18.108	15.9	0.7	0.0	0.7	3.2
16	16.0	25.0	18.7	80.2	17.228	15.1	0.0	0.0	0.0	4.2
17	16.5	26.0	19.9	83.4	19.113	16.7	0.0	0.0	0.0	4.0
18	15.5	26.0	19.1	81.7	18.002	15.8	0.0	0.0	0.0	5.0
19	14.5	25.0	19.0	79.0	17.238	15.1	0.0	0.0	0.0	3.8
20	14.5	24.0	19.6	77.4	17.457	15.4	0.0	0.0	0.0	4.0
21	14.8	26.0	19.6	75.6	16.795	14.7	0.0	0.0	0.0	4.0
22	15.6	26.4	19.7	75.3	16.957	14.8	0.0	0.0	0.0	6.3
23	15.5	26.3	19.1	74.0	16.189	14.2	0.0	0.0	0.0	5.2
24	14.5	25.4	18.6	79.9	16.791	14.7	0.0	0.0	0.0	3.9
25	14.8	24.0	18.0	80.6	16.541	14.5	0.1	40.3	40.4	3.0
26	14.3	24.0	18.2	84.6	17.634	15.5	0.2	3.0	3.2	4.0
27	15.3	21.5	18.0	85.9	17.487	15.4	3.1	0.6	3.7	0.5
28	14.8	23.2	18.4	90.0	18.946	16.7	0.6	12.9	13.5	1.8
29	12.6	24.4	19.0	79.4	17.019	14.9	0.3	0.2	0.5	4.0
30	15.5	22.5	18.7	86.1	18.357	16.1	0.0	0.0	0.0	1.1
31	15.5	24.0	18.8	83.0	17.906	15.7	2.7	0.3	3.0	2.1
PROM.	15.0	23.9	18.4	83.0	17.547	15.4	75.0	114.6	189.6	91.4

M E S - FEBRERO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	24.0	18.3	84.5	17.864	15.7	7.1	0.0	7.1	1.7
2	14.5	22.0	18.0	89.7	18.552	16.3	1.8	0.0	1.8	0.5
3	14.5	24.5	18.6	82.0	17.448	15.3	0.0	0.0	0.0	5.1
4	15.5	26.2	19.5	79.6	17.807	15.7	0.0	56.9	56.9	3.6
5	16.0	23.3	18.0	80.9	16.882	14.8	20.4	0.0	20.4	0.9
6	15.5	25.0	18.2	85.2	17.865	15.7	10.2	31.0	41.2	4.4
7	15.5	23.4	18.8	87.1	18.646	16.4	0.0	0.0	0.0	2.3
8	14.5	24.3	19.1	82.3	17.830	15.7	0.0	0.0	0.0	3.3
9	15.3	24.4	19.8	79.5	17.915	15.8	0.0	9.1	9.1	4.8
10	15.5	24.0	19.1	87.8	19.434	17.0	4.0	8.7	12.7	0.8
11	14.5	25.0	19.6	86.8	19.574	17.1	0.0	0.0	0.0	3.9
12	16.5	23.0	18.7	83.4	18.271	16.1	1.4	0.1	1.5	0.6
13	15.0	24.0	19.4	82.2	18.348	16.2	0.0	3.7	3.7	1.7
14	15.5	23.3	17.8	87.3	18.176	16.0	5.1	28.3	33.4	1.9
15	14.5	23.0	19.0	83.3	18.002	15.8	13.7	0.0	13.7	0.1
16	15.3	24.5	19.4	82.5	18.428	16.2	0.0	7.0	7.0	3.1
17	16.0	24.0	17.9	84.1	17.553	15.5	0.0	0.0	0.0	3.3
18	15.3	23.3	19.6	82.9	18.528	16.2	0.0	0.0	0.0	1.8
19	16.4	20.3	17.7	90.9	18.485	16.3	1.4	0.3	1.7	0.1
20	15.5	20.0	17.0	86.7	16.729	14.7	5.2	0.0	5.2	0.0
21	14.0	23.5	17.8	84.1	16.960	14.9	0.0	0.0	0.0	5.5
22	15.3	24.0	18.7	80.7	17.292	15.1	2.4	0.0	2.4	4.0
23	16.5	25.0	18.9	78.3	17.349	15.3	1.1	0.0	1.1	3.7
24	14.5	25.0	18.7	84.9	18.382	16.2	0.0	0.0	0.0	1.6
25	16.0	26.1	20.2	79.8	18.691	16.4	0.0	0.0	0.0	3.6
26	16.1	25.0	20.0	82.7	18.961	16.6	1.4	0.0	1.4	2.4
27	15.6	23.0	19.7	80.1	17.957	15.8	0.0	0.0	0.0	1.1
28	15.4	24.3	19.2	85.1	18.830	16.6	0.0	9.1	9.1	1.9
PROM	15.4	23.8	18.8	83.7	18.099	15.9	75.2	154.2	229.4	67.7

ESTACION: HERACLIO URIBE MUNICIPIO: SEVILLA AÑO: 1.982

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	15.8	22.0	18.4	88.9	18.832	16.5	1.3	21.6	22.9	0.0
2	15.3	22.5	18.7	87.8	18.866	16.6	2.0	0.7	2.7	1.5
3	14.5	25.6	19.4	81.5	18.112	15.9	0.0	28.4	28.4	7.9
4	15.3	22.0	18.6	89.4	19.107	16.8	0.4	1.7	2.1	0.0
5	15.4	22.5	19.0	83.8	18.254	16.1	2.3	0.0	2.3	0.5
6	15.3	24.0	19.1	80.8	17.907	15.7	0.1	0.0	0.1	2.6
7	16.5	26.0	20.3	76.3	17.952	15.8	0.0	0.0	0.0	5.0
8	16.0	25.0	18.9	80.7	17.711	15.5	16.8	0.3	17.1	3.0
9	13.0	22.5	17.3	83.7	16.384	14.4	0.0	0.0	0.0	2.1
10	14.0	23.6	19.0	82.3	17.754	15.7	0.0	0.0	0.0	2.8
11	14.8	22.0	18.1	87.9	18.435	16.2	1.9	0.0	1.9	0.0
12	15.0	24.0	19.2	81.7	17.865	15.7	0.0	0.0	0.0	1.9
13	15.5	25.4	20.0	78.9	18.102	15.9	0.0	0.0	0.0	3.3
14	15.5	22.0	17.9	87.8	18.239	16.0	2.8	0.0	2.8	0.0
15	15.5	25.0	18.0	87.1	18.474	16.2	2.3	0.0	2.3	1.6
16	15.0	25.0	19.5	80.7	18.050	15.9	0.0	0.1	0.1	4.0
17	14.5	23.6	19.2	81.8	18.025	15.9	0.0	1.3	1.3	1.2
18	15.5	22.5	18.9	88.9	19.306	17.0	0.3	15.0	15.3	0.1
19	15.5	22.5	18.2	84.9	18.020	15.9	9.6	0.0	9.6	1.3
20	15.1	25.0	18.4	85.9	18.449	16.3	0.9	0.0	0.9	2.9
21	14.5	25.5	20.0	82.3	19.342	17.0	0.0	0.0	0.0	4.6
22	16.5	26.0	19.7	79.5	18.177	16.0	0.0	0.0	0.0	4.6
23	15.5	23.0	19.7	79.8	18.339	16.1	0.0	0.0	0.0	1.8
24	14.5	24.4	18.8	83.3	18.348	16.1	0.0	0.0	0.0	2.1
25	15.0	24.6	19.5	78.6	17.628	15.5	0.0	0.0	0.0	3.8
26	14.5	23.5	19.3	91.0	20.779	18.1	8.9	0.0	8.9	1.4
27	14.5	26.2	19.9	77.2	17.798	15.6	0.0	3.4	3.4	5.0
28	14.5	26.2	19.8	80.6	18.397	16.2	0.0	0.0	0.0	4.9
29	16.0	24.2	18.9	85.2	18.742	16.5	0.3	0.0	0.3	1.3
30	15.8	23.8	19.2	83.2	18.645	16.4	0.0	0.0	0.0	1.8
31	14.5	23.8	19.1	80.8	17.852	15.7	3.3	0.2	3.5	1.2
PROM.	15.1	24.0	19.0	83.3	18.319	16.1	53.2	72.7	125.9	74.2

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	15.5	24.5	19.7	83.3	19.296	16.9	2.1	0.7	2.8	0.5
2	15.5	23.6	18.6	83.1	17.899	15.7	1.9	0.0	1.9	0.1
3	16.6	22.5	18.5	90.6	19.631	17.2	15.0	2.2	17.2	0.3
4	15.3	21.5	17.7	94.2	19.365	17.0	21.0	0.0	21.0	0.0
5	14.8	22.0	18.5	87.1	18.631	16.4	0.0	1.2	1.2	0.0
6	15.5	22.0	18.4	88.1	18.655	16.4	3.3	0.0	3.3	0.2
7	14.8	24.0	19.9	80.7	18.383	16.1	0.0	8.2	8.2	2.2
8	15.0	22.2	18.5	91.1	19.614	17.2	2.4	0.7	3.1	0.3
9	15.8	21.6	18.8	85.7	18.464	16.2	0.5	0.2	0.7	1.8
10	14.5	22.5	17.9	85.3	17.489	15.4	3.0	1.7	4.7	0.3
11	14.0	23.1	19.5	78.6	17.625	15.5	0.3	24.6	24.9	5.2
12	14.5	23.0	17.9	80.6	16.418	14.4	0.0	1.2	1.2	3.4
13	13.5	24.5	18.9	76.6	16.178	14.2	0.0	6.4	6.4	5.8
14	14.6	25.0	19.2	84.7	18.720	16.5	0.1	0.0	0.1	4.4
15	13.5	26.3	19.1	80.6	17.714	15.6	0.0	0.0	0.0	6.4
16	15.5	25.0	19.4	82.0	18.334	16.1	0.0	39.3	39.3	5.5
17	14.5	23.0	18.7	85.2	18.217	16.0	2.1	2.6	4.7	2.5
18	15.5	23.0	18.8	85.7	18.421	16.2	4.6	8.5	13.1	1.2
19	14.5	23.3	19.1	80.8	17.543	15.4	0.0	0.8	0.8	4.6
20	16.5	23.4	19.1	87.8	19.552	17.1	9.7	0.0	9.7	1.9
21	15.1	22.0	18.9	85.3	18.808	16.5	1.0	0.0	1.0	0.0
22	14.6	25.3	19.9	77.1	17.504	15.3	0.0	0.0	0.0	3.3
23	15.4	23.6	18.6	94.6	20.516	17.9	0.1	7.9	8.0	1.1
24	15.1	24.0	19.5	86.1	19.701	17.2	0.0	0.0	0.0	3.4
25	16.1	26.5	20.7	78.6	19.263	16.9	2.2	0.8	3.0	4.9
26	16.5	25.0	20.1	82.1	19.777	17.2	8.1	0.0	8.1	1.1
27	14.5	24.6	19.9	80.0	18.420	16.2	0.0	36.5	36.5	3.6
28	15.5	20.0	17.3	94.7	18.963	16.7	7.0	1.0	8.0	0.0
29	14.0	24.0	18.1	83.7	17.316	15.2	19.2	0.0	19.2	3.2
30	14.5	22.6	17.3	87.0	17.372	15.3	4.7	0.4	5.1	0.7
PROM	15.0	23.5	18.9	84.7	18.460	16.2	108.3	144.9	253.2	67.9

ESTACION: HERACLIO URIBE MUNICIPIO: SEVILLA AÑO: 1.982

ALTITUD: 1.540 LATITUD: 4-15 N. LONGITUD: 75-55 W.

M E S - MAYO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	23.3	18.3	88.3	18.979	16.6	10.8	2.3	13.1	1.5
2	16.0	22.5	17.8	81.9	17.202	15.1	2.1	0.0	2.1	0.4
3	14.3	25.0	19.1	87.7	19.175	16.8	0.1	10.3	10.4	0.9
4	14.0	25.0	19.4	81.9	18.483	16.2	0.0	1.4	1.4	2.6
5	14.4	22.5	19.3	78.7	17.329	15.2	1.6	0.0	1.6	0.0
6	15.0	24.0	20.1	83.0	19.197	16.8	0.1	0.2	0.3	0.0
7	15.4	25.0	20.1	79.5	18.477	16.2	0.0	18.0	18.0	0.0
8	14.5	22.5	19.1	87.1	19.039	16.7	0.2	3.8	4.0	0.0
9	15.5	23.2	18.5	87.3	18.980	16.6	0.0	0.0	0.0	0.0
10	14.5	22.0	19.1	81.3	18.297	16.1	0.0	0.0	0.0	0.6
11	14.5	24.3	19.7	78.4	17.901	15.7	0.0	7.5	7.5	2.7
12	15.0	24.3	20.0	79.9	18.210	15.8	0.0	0.0	0.0	2.3
13	15.4	24.0	19.2	85.6	19.027	16.7	5.6	0.0	5.6	3.1
14	14.8	23.0	18.9	91.8	19.821	17.4	5.1	0.0	5.1	1.2
15	15.2	23.0	17.5	87.3	18.045	15.9	19.6	0.0	19.6	1.1
16	14.1	23.3	19.1	82.1	18.382	16.2	1.4	0.0	1.4	3.0
17	15.1	25.0	18.5	86.0	18.530	16.3	9.8	5.5	15.3	2.7
18	14.6	23.0	18.3	83.6	17.716	15.6	6.0	1.3	7.3	2.5
19	14.8	22.5	17.8	88.5	18.410	16.2	42.0	0.0	42.0	0.9
20	14.8	22.0	17.9	89.6	18.590	16.3	3.2	16.2	19.4	1.8
21	14.6	22.0	17.7	89.8	18.321	16.1	4.6	0.0	4.6	0.1
22	14.4	21.5	17.3	87.3	17.428	15.3	7.1	7.1	14.2	1.0
23	14.5	23.3	17.8	83.7	17.346	15.3	2.9	0.0	2.9	1.6
24	14.8	23.0	18.8	85.6	18.492	16.2	0.4	14.6	15.0	3.5
25	14.5	21.0	17.6	94.1	19.209	16.8	6.2	6.3	12.5	0.3
26	14.0	22.0	18.6	87.7	18.716	16.5	0.5	1.5	2.0	0.5
27	15.3	22.0	18.2	83.8	17.605	15.5	0.6	0.0	0.6	1.2
28	15.4	22.0	19.2	93.7	20.607	17.9	1.0	0.2	1.2	0.0
29	16.0	22.0	17.7	90.8	18.445	16.2	2.4	0.0	2.4	0.2
30	14.8	24.0	19.2	83.0	18.442	16.2	0.0	0.0	0.0	2.1
31	16.4	25.0	20.2	83.4	19.668	17.2	0.9	0.5	1.4	3.4
PROM.	14.9	23.1	18.7	85.5	18.512	16.2	134.2	96.7	230.9	41.2

M E S - JUNIO

DIA	TEMPERATURA oC			Humedad relativa %	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	24.0	20.2	88.0	20.698	18.0	0.0	0.0	0.0	2.6
2	15.5	24.1	20.3	78.7	18.558	16.3	0.0	0.0	0.0	3.2
3	16.5	24.4	20.4	83.3	19.841	17.4	0.0	0.0	0.0	3.8
4	15.5	23.3	19.8	85.5	19.589	17.2	0.0	0.0	0.0	0.5
5	14.5	24.7	19.5	83.1	19.109	16.7	0.2	22.0	22.2	2.0
6	15.0	23.0	18.7	83.2	18.013	15.8	0.0	0.0	0.0	1.6
7	16.0	24.3	20.4	82.2	19.474	17.1	0.0	5.5	5.5	5.5
8	15.5	24.2	20.0	81.8	19.173	16.8	0.0	0.0	0.0	3.4
9	15.7	23.6	19.3	79.7	17.900	15.7	0.0	11.9	11.9	3.4
10	14.5	24.8	20.1	79.5	18.068	15.8	0.0	0.0	0.0	5.7
11	15.5	26.0	20.5	77.3	18.674	16.3	1.6	3.7	5.3	5.0
12	15.5	23.6	20.0	81.7	18.788	16.5	0.6	0.0	0.6	4.4
13	14.5	25.5	18.9	90.4	20.137	17.9	0.0	3.3	3.3	4.7
14	16.5	24.0	20.3	82.7	19.535	17.1	0.0	0.0	0.0	3.6
15	14.5	24.6	20.4	85.5	20.560	17.9	0.0	0.0	0.0	5.6
16	14.8	24.0	19.8	82.6	18.903	16.6	0.0	0.0	0.0	5.4
17	14.8	23.6	19.8	84.4	19.456	17.1	0.0	0.0	0.0	2.1
18	14.5	25.1	19.3	80.8	18.236	16.0	0.5	0.0	0.5	5.8
19	14.5	23.0	18.3	86.9	18.408	16.1	6.7	0.6	7.3	0.5
20	14.0	24.0	18.4	85.4	18.367	16.2	4.5	0.0	4.5	3.0
21	14.8	24.0	19.8	83.0	19.232	16.9	0.0	0.6	0.6	5.2
22	14.6	24.4	19.6	85.3	19.376	17.0	0.0	0.0	0.0	5.5
23	14.6	26.0	20.8	79.1	19.330	16.9	0.0	0.0	0.0	6.3
24	14.7	23.6	19.6	88.3	20.303	17.7	0.0	0.0	0.0	0.2
25	15.6	23.5	20.0	79.5	18.231	16.0	0.0	0.0	0.0	3.5
26	14.5	25.0	20.1	77.3	17.826	15.7	0.0	0.0	0.0	5.7
27	14.5	25.0	21.0	82.5	20.097	17.5	0.0	0.0	0.0	2.2
28	15.5	26.0	20.5	80.7	19.266	16.9	0.0	0.0	0.0	5.9
29	14.5	25.5	20.9	77.8	18.505	16.3	0.0	0.0	0.0	4.5
30	14.5	27.0	20.5	79.5	18.778	16.5	0.0	0.0	0.0	7.0
PROM	15.1	24.5	19.9	82.5	19.081	16.7	14.1	47.6	61.7	117.8

ESTACION: HERACLIO URIBE MUNICIPIO: SEVILLA AÑO: 1.982

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

M E S - JULIO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	27.0	20.8	70.7	16.928	14.8	0.0	0.0	0.0	4.0
2	14.6	26.0	20.0	82.0	18.991	16.7	0.0	0.0	0.0	3.2
3	14.3	25.0	20.1	78.2	17.867	15.7	0.0	3.7	3.7	5.7
4	15.5	24.0	19.3	83.3	18.507	16.3	0.0	0.0	0.0	1.4
5	16.1	24.0	19.0	77.0	16.917	14.8	0.0	0.0	0.0	3.4
6	14.5	23.0	18.6	82.4	18.007	15.8	0.0	0.0	0.0	4.3
7	14.5	26.0	20.5	78.8	18.732	16.4	0.0	0.0	0.0	6.6
8	13.8	24.0	18.9	77.0	16.787	14.7	0.0	0.0	0.0	2.2
9	14.3	25.5	20.5	71.1	16.897	14.9	0.0	0.0	0.0	6.5
10	15.1	25.5	19.4	74.9	17.409	15.3	0.0	0.0	0.0	5.7
11	15.4	25.5	18.8	81.7	18.008	15.8	9.8	1.7	11.5	3.5
12	14.8	23.0	18.6	85.3	18.398	16.2	0.3	0.4	0.7	1.1
13	14.5	25.3	20.4	79.1	18.881	16.6	0.0	0.0	0.0	6.9
14	15.3	27.0	21.3	74.9	18.409	16.1	0.0	0.0	0.0	7.4
15	14.5	27.5	20.5	78.2	18.262	15.9	0.0	0.0	0.0	8.2
16	14.3	24.4	19.2	80.2	17.600	15.5	0.0	0.0	0.0	3.1
17	14.3	26.0	20.6	75.3	17.598	15.4	0.0	0.0	0.0	7.1
18	14.5	24.0	20.1	78.9	18.311	16.1	0.0	0.0	0.0	0.1
19	15.5	23.5	18.6	85.6	18.526	16.3	0.0	0.0	0.0	0.0
20	14.5	25.0	18.7	78.8	17.116	15.0	0.0	0.0	0.0	3.5
21	14.0	27.0	20.7	73.0	17.541	15.4	0.0	0.0	0.0	9.0
22	13.0	25.0	20.4	73.9	17.190	15.1	0.0	0.0	0.0	5.5
23	14.3	27.0	20.8	59.0	13.624	11.1	0.0	0.0	0.0	4.6
24	14.0	27.0	20.4	72.0	16.535	14.4	0.0	0.0	0.0	2.2
25	14.0	26.0	19.8	80.2	18.142	15.9	0.0	0.0	0.0	2.1
26	15.3	23.5	18.5	85.1	18.142	16.0	0.1	2.5	2.6	3.1
27	15.0	22.0	17.3	91.2	18.298	16.1	28.3	3.2	31.5	0.6
28	14.5	23.0	18.8	83.9	17.772	15.6	0.2	2.0	2.2	2.2
29	14.5	24.5	20.0	75.6	17.127	15.0	0.0	0.0	0.0	6.2
30	15.0	26.0	20.4	71.5	16.684	14.6	0.0	0.0	0.0	4.7
31	15.5	26.0	20.8	72.8	17.246	15.1	0.0	0.0	0.0	5.7
PROM.	14.6	25.1	19.7	77.8	17.627	15.4	38.7	13.5	52.2	129.8

M E S - AGOSTO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	27.4	19.4	76.7	16.912	14.8	0.2	0.0	0.2	6.3
2	15.5	26.0	20.6	72.4	16.996	14.9	0.0	0.0	0.0	5.6
3	15.0	26.1	20.9	70.4	16.683	14.6	0.0	0.0	0.0	6.9
4	15.0	28.0	22.0	58.9	14.115	11.5	0.0	0.0	0.0	7.3
5	14.0	27.5	20.3	64.3	14.736	12.6	0.0	0.0	0.0	8.1
6	14.0	23.0	18.7	81.9	17.618	15.5	0.0	0.0	0.0	3.3
7	14.5	24.2	17.9	80.7	16.795	14.7	0.1	0.2	0.3	1.5
8	14.5	24.4	18.3	77.7	16.600	14.6	0.3	0.0	0.3	2.0
9	13.3	28.0	20.8	69.1	16.361	14.2	0.0	0.0	0.0	8.7
10	15.3	27.3	21.0	74.3	18.107	15.9	0.0	0.0	0.0	5.0
11	14.5	28.0	22.0	55.8	13.532	11.0	0.0	0.0	0.0	7.0
12	16.0	27.5	21.4	63.3	15.812	13.8	0.0	0.0	0.0	5.8
13	14.0	28.0	20.8	62.0	14.187	12.0	0.0	0.0	0.0	7.1
14	14.5	27.8	21.3	63.4	16.748	14.7	0.0	0.0	0.0	7.8
15	15.0	28.0	21.2	66.8	16.454	14.3	0.0	0.0	0.0	8.2
16	15.5	27.0	20.7	78.5	19.211	16.8	0.0	0.0	0.0	3.6
17	14.5	28.0	21.5	70.8	17.463	15.2	0.0	0.0	0.0	6.3
18	16.3	27.5	20.5	70.8	17.174	14.9	0.0	0.0	0.0	4.0
19	14.3	27.4	22.0	68.4	17.555	15.4	0.0	0.0	0.0	6.9
20	15.8	25.6	20.8	74.2	17.733	15.5	0.0	0.0	0.0	0.0
21	16.0	26.6	20.9	77.0	18.845	16.5	0.0	0.0	0.0	3.1
22	14.5	29.6	22.1	65.4	16.415	14.3	0.0	0.0	0.0	9.0
23	14.5	28.5	21.4	77.4	19.332	16.9	0.0	0.0	0.0	4.2
24	15.4	28.5	21.2	76.1	18.917	16.6	0.0	0.0	0.0	5.5
25	15.4	27.6	20.8	72.3	17.300	15.2	0.0	0.0	0.0	3.3
26	14.3	27.6	21.8	63.6	15.434	13.4	0.0	0.0	0.0	6.5
27	15.0	27.8	21.6	74.9	18.822	16.6	0.0	0.0	0.0	4.9
28	15.6	28.5	21.6	73.2	18.181	15.9	0.0	0.0	0.0	1.1
29	15.0	30.0	22.4	65.4	16.704	14.6	0.0	0.0	0.0	8.5
30	15.4	26.0	21.1	74.8	18.148	15.9	0.0	0.0	0.0	2.1
31	14.5	26.3	20.0	77.2	17.745	15.6	0.0	0.0	0.0	2.1
PROM	14.9	27.2	20.9	71.1	16.988	14.8	0.6	0.2	0.8	161.7

ESTACION: HERACLIO URIBE MUNICIPIO: SEVILLA AÑO: 1.982

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	27.5	20.5	71.8	16.825	14.8	0.0	0.0	0.0	5.7
2	16.5	28.0	22.1	66.2	17.039	14.8	0.0	0.0	0.0	6.8
3	14.8	28.0	21.6	70.3	17.392	15.2	0.0	0.0	0.0	6.5
4	15.5	26.0	20.6	79.0	18.885	16.6	0.0	0.0	0.0	1.7
5	16.0	27.5	20.7	76.6	18.259	16.0	3.5	0.0	3.5	3.0
6	14.5	26.0	19.7	75.2	16.900	14.8	0.0	0.0	0.0	2.1
7	14.1	28.0	21.0	71.8	16.972	14.9	0.0	0.0	0.0	4.6
8	15.5	27.4	21.0	70.4	17.182	15.1	0.0	0.0	0.0	5.6
9	14.5	25.6	19.0	78.3	17.228	15.1	2.2	0.5	2.7	2.3
10	14.5	22.5	18.4	88.4	18.872	16.6	1.1	0.0	1.1	0.7
11	15.0	25.7	18.7	89.9	19.785	17.3	11.6	0.0	11.6	2.9
12	15.0	26.0	19.7	79.0	18.061	15.9	10.8	0.0	10.8	4.4
13	16.8	27.0	20.8	73.5	17.593	15.4	0.0	0.0	0.0	5.1
14	16.5	23.0	19.6	80.0	17.997	15.8	1.9	27.4	29.3	2.2
15	15.5	21.0	18.4	89.7	19.067	16.7	2.2	0.0	2.2	1.8
16	15.5	22.5	17.9	84.8	17.526	15.4	11.4	6.2	17.6	1.3
17	14.5	21.8	18.0	93.8	19.404	17.0	3.2	3.8	7.0	0.5
18	14.5	24.0	18.8	85.1	18.904	16.6	0.0	31.5	31.5	3.2
19	14.5	19.0	16.7	94.6	18.092	15.9	5.3	0.0	5.3	0.0
20	14.0	24.8	18.3	86.6	18.466	16.2	3.2	0.0	3.2	3.5
21	14.5	24.0	20.0	76.3	17.477	15.4	0.0	0.0	0.0	4.3
22	13.6	26.0	19.0	75.2	16.451	14.4	0.0	0.0	0.0	5.7
23	14.0	24.1	19.8	80.1	18.534	16.3	0.0	26.6	26.6	3.1
24	14.5	23.5	17.9	87.4	17.971	15.8	16.2	6.9	23.1	1.8
25	14.0	22.0	17.2	89.5	17.854	15.7	3.2	4.7	7.9	1.7
26	16.3	22.5	19.1	73.9	16.137	14.0	0.0	0.0	0.0	3.5
27	14.2	27.0	19.9	75.2	17.332	15.2	0.0	26.9	26.9	5.1
28	13.5	22.4	18.1	82.0	16.675	14.6	0.0	0.0	0.0	3.6
29	14.8	24.4	18.5	85.5	18.172	16.0	0.2	0.5	0.7	2.5
30	14.4	22.4	19.2	81.0	17.862	15.7	1.5	0.0	1.5	1.5
PROM.	14.9	24.7	19.3	80.4	17.830	15.6	77.5	135.0	212.5	96.7

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	14.3	22.3	16.7	90.8	17.769	15.6	32.3	0.0	32.3	2.9
2	14.0	24.6	18.5	85.4	18.391	16.2	18.0	27.5	45.5	4.7
3	14.5	21.0	16.8	86.5	16.664	14.6	0.3	0.1	0.4	0.6
4	13.4	23.5	18.0	84.0	17.111	15.0	0.0	37.9	37.9	3.0
5	14.5	22.4	17.4	89.3	17.938	15.8	4.4	0.0	4.4	1.7
6	14.5	24.2	18.5	80.7	17.150	15.1	0.0	0.0	0.0	3.1
7	15.5	25.0	19.2	83.7	18.722	16.4	2.2	16.0	18.2	3.6
8	14.5	20.5	16.9	92.4	18.095	15.9	1.2	0.0	1.2	1.3
9	14.0	22.8	18.6	80.9	17.396	15.3	0.0	7.7	7.7	2.4
10	14.5	23.5	18.0	86.7	18.116	15.9	0.0	0.0	0.0	1.4
11	14.5	25.0	18.2	78.2	16.722	14.7	0.0	15.0	15.0	5.0
12	14.5	21.5	16.6	84.0	16.371	14.3	0.4	0.0	0.4	0.2
13	12.6	25.0	19.5	72.1	16.115	14.1	0.0	0.0	0.0	5.6
14	15.4	24.0	17.4	91.6	18.894	16.5	0.3	34.5	34.8	1.3
15	14.5	26.0	18.7	77.1	16.218	14.2	2.2	0.0	2.2	3.7
16	14.5	24.5	17.9	85.3	17.733	15.6	0.0	1.4	1.4	3.4
17	14.5	24.5	18.3	87.3	18.527	16.3	0.1	0.0	0.1	2.2
18	15.0	24.5	19.0	82.3	17.798	15.6	4.1	0.0	4.1	3.9
19	15.0	24.5	19.1	85.6	18.941	16.6	0.0	48.0	48.0	3.9
20	14.5	21.5	17.8	91.6	18.545	16.3	0.8	0.0	0.8	0.3
21	14.5	24.0	18.1	80.1	16.587	14.5	0.0	30.5	30.5	1.9
22	14.5	22.6	18.0	87.3	18.176	16.0	4.2	0.0	4.2	1.9
23	14.5	24.0	18.6	82.0	17.934	15.8	1.5	15.0	16.5	0.0
24	14.5	21.5	17.2	94.5	19.254	16.8	23.1	30.4	53.5	0.0
25	14.0	24.0	17.2	90.5	18.229	16.0	0.5	5.4	5.9	3.7
26	14.0	23.0	18.2	85.5	18.001	15.8	20.2	1.9	22.1	3.1
27	14.5	21.5	17.1	92.4	18.244	16.1	0.1	0.0	0.1	0.1
28	14.0	23.0	18.3	84.8	17.781	15.7	0.0	0.0	0.0	2.5
29	14.0	23.0	17.7	86.1	17.345	15.2	0.0	0.0	0.0	2.1
30	15.0	24.0	19.2	83.0	18.479	16.3	40.6	0.0	40.6	3.6
31	14.8	26.5	18.5	79.9	17.207	15.1	0.0	0.0	0.0	1.5
PROM	14.4	23.5	18.0	85.2	17.757	15.6	156.5	271.3	427.8	74.6

ESTACION: HERACLIO URIBE MUNICIPIO: SEVILLA AÑO: 1.982

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

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	23.0	19.2	89.8	20.009	17.5	0.0	64.3	64.3	0.4
2	15.0	22.0	17.0	94.0	18.371	16.2	6.9	28.0	34.9	1.2
3	13.5	23.5	17.5	85.1	17.237	15.2	1.3	0.0	1.3	2.1
4	14.5	22.0	17.5	86.9	17.610	15.5	27.5	0.0	27.5	0.7
5	14.5	24.5	19.2	87.8	19.383	16.9	0.0	1.1	1.1	5.7
6	14.0	24.0	18.3	85.8	18.035	15.8	0.2	9.6	9.8	2.2
7	14.5	25.0	18.7	82.3	18.125	16.0	0.8	0.0	0.8	2.3
8	14.5	25.5	19.8	86.0	19.896	17.4	0.0	0.0	0.0	4.4
9	14.5	26.5	20.8	74.9	18.544	16.3	0.0	0.0	0.0	4.3
10	14.5	24.5	19.0	84.1	19.082	16.7	0.8	0.0	0.8	3.0
11	15.0	23.0	17.9	85.3	17.658	15.5	6.3	46.0	52.3	0.2
12	14.5	23.0	17.6	82.9	16.813	14.8	0.0	0.0	0.0	0.2
13	14.5	25.5	18.4	83.4	18.034	15.9	0.0	0.0	0.0	4.3
14	14.5	26.5	20.6	82.4	20.097	17.6	0.0	0.0	0.0	6.0
15	14.5	26.5	21.2	82.0	20.614	18.0	0.0	9.0	9.0	4.7
16	14.5	22.5	18.2	89.2	19.092	16.7	2.5	0.0	2.5	0.2
17	14.5	23.0	19.0	91.7	20.361	17.8	0.5	0.0	0.5	0.6
18	15.0	22.5	17.9	91.8	19.228	16.8	39.7	0.8	40.5	0.4
19	14.5	24.5	18.7	82.6	17.732	15.6	0.0	0.2	0.2	4.0
20	15.0	21.5	17.3	97.0	19.545	17.1	14.5	6.5	21.0	0.0
21	15.0	22.5	17.7	91.6	18.739	16.5	0.6	1.2	1.8	1.0
22	14.5	22.5	18.0	87.7	18.190	16.0	0.0	0.7	0.7	2.0
23	15.0	24.0	19.9	83.5	19.356	17.0	0.0	0.0	0.0	3.1
24	15.0	25.0	18.8	86.4	19.063	16.7	2.4	0.0	2.4	4.1
25	15.0	23.5	18.5	88.6	19.048	16.7	0.3	0.0	0.3	0.7
26	14.5	24.5	18.1	81.1	16.876	14.8	26.7	4.0	30.7	3.0
27	12.3	24.5	17.4	86.7	17.573	15.4	0.0	8.3	8.3	7.2
28	14.5	24.0	18.6	80.8	17.309	15.2	0.0	0.0	0.0	4.1
29	14.5	24.5	19.0	83.3	18.179	16.0	0.0	0.0	0.0	4.6
30	14.5	26.0	18.3	83.0	17.705	15.6	0.0	0.0	0.0	4.2
PROM.	14.5	24.0	18.6	85.9	18.583	16.3	131.0	179.7	310.7	80.9

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	24.5	19.0	85.5	19.169	16.8	0.0	0.0	0.0	1.9
2	15.0	24.5	19.0	89.0	17.954	15.8	9.0	0.0	9.0	1.5
3	14.5	26.5	19.4	85.6	19.400	17.0	9.0	0.6	9.6	6.1
4	14.5	21.5	18.1	95.1	19.956	17.5	0.0	0.0	0.0	0.0
5	14.5	23.5	18.1	87.7	18.744	16.5	4.2	0.6	4.8	1.3
6	14.0	25.0	18.2	86.9	18.321	16.1	0.0	0.0	0.0	2.4
7	14.5	23.5	18.6	85.6	18.809	16.5	0.2	2.4	2.6	0.1
8	14.5	22.5	17.6	93.3	19.308	16.9	0.0	0.0	0.0	0.4
9	14.0	22.0	18.1	90.3	19.313	16.9	26.1	0.0	26.1	0.0
10	14.5	24.0	18.0	84.2	17.737	15.6	0.0	0.4	0.4	3.7
11	15.0	24.5	18.5	87.5	19.329	16.9	0.0	0.0	0.0	2.2
12	15.0	24.5	19.6	82.7	18.821	16.5	18.5	0.0	18.5	1.3
13	14.5	23.0	19.2	88.1	19.734	17.3	0.1	0.0	0.1	0.9
14	14.5	25.0	18.9	84.4	18.581	16.3	0.0	0.0	0.0	6.6
15	14.5	25.5	20.4	81.9	19.405	17.0	0.0	0.0	0.0	3.0
16	14.5	25.0	19.3	80.1	18.160	15.9	0.0	0.0	0.0	3.7
17	14.5	23.5	18.6	85.6	18.499	16.3	0.4	0.0	0.4	0.0
18	14.5	24.0	19.9	96.2	19.738	17.3	0.1	0.0	0.1	0.0
19	14.5	24.5	18.5	88.6	18.891	16.6	0.0	0.0	0.0	0.0
20	14.1	24.5	20.8	93.0	21.974	19.0	0.0	0.0	0.0	0.0
21	14.4	23.0	19.3	88.1	19.303	16.9	0.0	27.6	27.6	0.3
22	13.5	24.0	20.4	86.1	20.357	17.8	0.0	9.4	9.4	0.1
23	13.5	25.0	18.4	83.4	18.067	15.9	1.1	6.9	8.0	0.5
24	13.5	24.5	18.2	89.5	18.841	16.6	18.2	0.0	18.2	2.1
25	13.5	26.0	18.4	91.1	19.860	17.4	0.0	0.0	0.0	4.3
26	13.5	22.5	17.7	85.6	18.165	15.8	0.0	11.3	11.3	4.5
27	13.5	23.0	17.4	88.7	17.823	15.7	0.6	0.0	0.6	0.0
28	13.2	22.0	18.7	84.8	17.786	15.7	0.0	0.0	0.0	0.9
29	14.4	22.0	18.7	84.2	17.833	15.7	0.0	0.0	0.0	0.3
30	15.0	24.6	19.1	79.3	17.821	15.6	0.0	0.0	0.0	4.5
31	15.5	25.0	18.8	81.9	17.901	15.8	0.0	0.0	0.0	6.4
PROM	14.3	24.0	18.8	86.2	18.890	16.6	87.5	59.2	146.7	59.0

ESTACION: HERACLIO URIBE MUNICIPIO SEVILLA AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.0	23.9	18.4	12.6	26.4	83.0	17.547	15.4	189.6	18	91.4
FEBRERO	15.4	23.8	18.8	14.0	26.2	83.7	18.099	15.9	229.4	18	67.7
MARZO	15.1	24.0	19.0	13.0	26.2	83.3	18.319	16.1	125.9	19	74.2
ABRIL	15.0	23.5	18.9	13.5	26.5	84.7	18.460	16.2	253.2	27	67.9
MAYO	14.9	23.1	18.7	14.0	25.0	85.5	18.512	16.2	230.9	27	41.2
JUNIO	15.1	24.5	19.9	14.0	27.0	82.5	19.081	16.7	61.7	10	117.8
JULIO	14.6	25.1	19.7	13.0	27.5	77.8	17.627	15.4	52.2	6	129.8
AGOSTO	14.9	27.2	20.9	13.3	30.0	71.1	16.988	14.8	0.8	3	161.7
SEPTIEMBRE	14.9	24.7	19.3	13.5	28.0	80.4	17.830	15.6	212.5	18	96.7
OCTUBRE	14.4	23.5	18.0	12.6	26.5	85.2	17.757	15.6	427.8	25	74.6
NOVIEMBRE	14.5	24.0	18.6	12.3	26.5	85.9	18.583	16.3	310.7	21	80.9
DICIEMBRE	14.3	24.0	18.8	13.2	26.5	86.2	18.890	16.6	146.7	16	59.0
PROMEDIO	14.8	24.3	19.1	13.3	26.9	82.4	18.141	15.9			
TOTAL									2241.4	208	1062.9

ESTACION: MANUEL MALLARINO MUNICIPIO: TRUJILLO AÑO: 1.982

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

M E S - ENERJ

DIA	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	24.8	19.8	85.2	19.672	17.1	14.4	0.3	14.7	1.9
2	18.0	25.0	21.0	75.4	18.480	16.0	1.9	11.4	13.3	1.8
3	16.8	24.0	19.8	85.9	19.750	17.2	6.8	10.9	17.7	1.3
4	17.0	21.5	18.8	89.1	19.157	16.8	18.6	43.5	62.1	0.0
5	17.8	21.0	19.8	82.8	18.800	16.5	5.0	0.0	5.0	0.0
6	17.3	25.3	20.5	76.0	18.158	16.0	0.0	0.0	0.0	8.0
7	17.4	24.7	21.1	79.6	19.317	16.9	2.1	0.0	2.1	2.6
8	16.8	26.8	21.4	75.3	18.683	16.4	0.0	4.8	4.8	6.3
9	17.8	27.1	22.2	74.5	19.381	16.9	0.0	0.0	0.0	4.6
10	18.4	26.3	21.9	74.1	19.418	17.0	0.0	0.0	0.0	4.4
11	17.8	28.5	23.1	71.1	19.582	17.1	0.0	0.0	0.0	6.1
12	17.8	28.0	22.9	66.1	18.091	15.9	0.0	0.0	0.0	7.9
13	16.8	28.0	22.4	72.2	19.238	16.9	0.0	0.0	0.0	8.2
14	16.8	28.0	22.3	74.5	19.801	17.4	0.0	0.0	0.0	5.8
15	17.6	27.0	21.7	78.3	19.977	17.5	0.0	0.0	0.0	4.4
16	17.2	27.5	22.4	72.5	19.077	16.7	0.0	0.0	0.0	7.3
17	17.2	26.8	21.7	73.5	18.491	16.2	0.0	0.3	0.3	6.2
18	17.8	27.5	22.2	72.3	18.850	16.5	0.0	0.0	0.0	6.0
19	16.0	28.3	21.7	70.4	17.470	15.4	0.0	0.0	0.0	7.2
20	16.2	28.0	22.5	69.2	18.025	15.9	0.0	0.0	0.0	7.5
21	16.8	28.5	22.3	71.0	18.518	16.2	0.0	0.3	0.3	6.5
22	17.4	29.0	22.8	70.3	18.827	16.5	0.3	0.0	0.3	6.7
23	17.6	28.5	22.8	67.9	18.269	16.1	0.0	0.0	0.0	6.0
24	17.4	27.5	21.4	69.9	17.837	15.7	0.0	0.0	0.0	5.7
25	16.8	27.0	21.9	68.5	17.585	15.5	0.0	0.8	0.8	4.3
26	17.0	25.5	21.0	75.7	18.316	16.1	0.0	18.7	18.7	4.6
27	17.0	25.5	20.2	80.7	18.790	16.5	0.1	0.4	0.5	2.3
28	17.6	25.0	21.5	77.0	19.298	16.9	0.0	14.7	14.7	3.8
29	16.4	27.5	21.3	77.3	18.925	16.5	0.3	7.2	7.5	4.8
30	16.8	25.5	21.2	80.5	19.887	17.4	0.0	0.0	0.0	1.8
31	16.6	27.4	22.0	76.4	19.543	17.0	5.3	13.0	18.3	6.7
PROM.	17.2	26.5	21.5	75.3	18.878	16.5	54.8	126.3	181.1	150.7

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	26.0	22.1	76.9	20.026	17.5	9.5	0.0	9.5	4.4
2	18.4	24.0	20.1	86.5	20.479	17.9	8.1	0.0	8.1	0.3
3	15.9	27.0	21.9	75.6	19.199	16.8	0.0	0.0	0.0	6.2
4	17.2	29.3	23.1	68.3	18.481	16.2	0.0	0.0	0.0	5.5
5	18.4	25.8	21.1	80.4	19.844	17.3	1.0	0.0	1.0	2.7
6	16.7	26.8	22.4	72.8	18.915	16.5	0.0	1.9	1.9	6.3
7	16.8	26.3	21.7	78.3	19.750	17.3	0.0	0.0	0.0	2.9
8	17.6	26.0	22.3	71.1	18.467	16.2	0.0	0.0	0.0	4.0
9	18.2	28.0	22.7	64.7	17.188	15.1	0.0	2.7	2.7	4.5
10	18.4	27.9	22.9	73.7	20.137	17.6	0.0	4.5	4.5	3.7
11	17.0	27.8	22.4	72.7	19.068	16.7	0.0	15.3	15.3	4.1
12	18.8	25.9	22.0	83.1	21.560	18.7	22.2	0.0	22.2	2.2
13	17.8	28.0	23.5	72.6	20.190	17.6	0.0	0.0	0.0	3.6
14	18.2	28.0	23.0	70.4	19.198	16.8	0.0	0.0	0.0	3.6
15	17.8	25.0	21.7	79.2	20.107	17.6	0.7	0.0	0.7	1.5
16	17.0	26.5	21.4	75.3	18.815	16.5	2.1	3.2	5.3	3.9
17	16.8	25.9	21.6	78.2	19.526	17.1	11.7	0.0	11.7	2.6
18	17.6	27.9	22.2	75.9	19.810	17.3	0.0	0.0	0.0	6.3
19	18.6	24.5	21.3	87.6	22.202	19.2	3.2	0.0	3.2	0.0
20	18.8	23.6	20.5	88.1	21.354	18.5	11.4	0.0	11.4	1.2
21	17.4	27.9	22.0	72.5	18.460	16.2	0.0	0.0	0.0	8.8
22	19.6	27.0	22.6	75.4	20.269	17.6	0.0	0.0	0.0	3.4
23	17.8	27.5	22.5	67.6	18.070	15.9	0.0	0.0	0.0	4.5
24	18.6	27.9	22.5	71.1	19.157	16.8	0.0	0.0	0.0	2.8
25	17.4	29.6	23.3	66.6	18.292	16.0	0.0	0.0	0.0	6.3
26	18.2	28.5	23.3	71.0	19.470	17.0	0.0	1.9	1.9	5.3
27	18.2	26.0	22.4	77.4	20.242	17.6	0.0	0.0	0.0	1.4
28	17.6	26.5	22.3	65.8	17.499	15.4	0.0	0.3	0.3	2.2
PROM	17.8	26.8	22.2	75.0	19.492	17.0	69.9	29.8	99.7	104.2

ESTACION: MANUEL MALLARINO MUNICIPIO: TRUJILLO AÑO: 1.982

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

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.8	25.5	21.3	86.6	21.620	18.7	1.6	14.2	15.8	0.9
2	17.6	23.5	20.1	87.1	20.500	17.9	1.3	0.0	1.3	0.3
3	16.4	27.0	21.5	78.5	19.584	17.2	0.0	0.0	0.0	7.9
4	17.8	23.0	19.8	93.3	21.521	18.7	14.3	0.3	14.6	0.5
5	18.0	25.0	21.0	82.5	20.340	17.8	0.2	0.0	0.2	2.3
6	16.2	27.5	21.0	75.2	18.573	16.3	0.0	0.0	0.0	4.8
7	17.4	27.0	23.6	66.8	18.928	16.5	0.0	0.0	0.0	6.3
8	17.2	26.5	20.4	83.8	20.394	17.8	2.5	0.0	2.5	2.8
9	16.8	26.0	20.5	75.9	18.159	15.9	0.0	0.0	0.0	4.6
10	16.2	27.0	21.7	68.6	17.092	15.0	0.0	1.6	1.6	4.3
11	17.6	26.6	20.7	84.9	20.680	18.0	8.1	0.7	8.8	2.4
12	17.2	26.5	21.3	79.9	19.906	17.4	0.8	0.3	1.1	2.9
13	17.4	27.5	22.2	75.0	19.586	17.2	0.0	15.5	15.5	5.2
14	17.4	25.0	21.0	87.0	21.469	18.6	5.6	0.0	5.6	0.8
15	16.8	27.0	21.2	77.7	19.170	16.8	0.1	0.0	0.1	4.2
16	17.4	26.0	20.8	83.8	20.575	17.9	2.7	0.3	3.0	2.4
17	16.0	27.5	21.5	75.2	19.022	16.7	0.0	1.7	1.7	4.5
18	17.2	26.0	20.3	82.9	19.763	17.3	30.1	0.1	30.2	1.8
19	17.4	26.5	21.6	83.6	21.282	18.5	0.0	0.0	0.0	2.7
20	16.8	26.9	22.1	77.1	19.959	17.5	0.0	0.0	0.0	2.9
21	18.8	28.0	22.4	73.8	19.763	17.3	0.0	0.0	0.0	5.4
22	18.4	28.3	22.8	74.0	20.281	17.7	0.0	0.0	0.0	5.6
23	18.2	27.0	22.7	75.7	20.580	17.9	0.0	0.0	0.0	3.1
24	17.6	27.0	21.7	83.1	21.581	18.7	0.4	0.0	0.4	4.5
25	17.6	27.5	22.2	76.7	20.278	17.7	0.0	0.0	0.0	5.3
26	17.8	26.0	20.5	95.3	22.822	19.6	30.0	0.0	30.0	1.6
27	17.0	27.5	22.0	76.9	20.023	17.5	0.0	0.0	0.0	5.4
28	17.8	26.0	22.2	77.1	20.240	17.7	2.5	1.1	3.6	2.3
29	18.0	27.0	22.3	78.3	20.831	18.1	0.0	0.0	0.0	4.3
30	17.8	27.0	21.5	78.6	20.028	17.5	4.3	0.0	4.3	4.1
31	17.6	28.0	21.9	78.1	20.379	17.8	0.0	1.2	1.2	4.6
PROM.	17.4	26.5	21.5	79.8	20.159	17.6	104.5	37.0	141.5	110.7

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.8	27.5	22.3	79.1	21.178	18.4	0.0	16.1	16.1	0.2
2	18.4	26.0	21.3	85.7	21.658	18.8	4.5	0.0	4.5	0.9
3	18.4	25.5	21.5	84.2	21.370	18.6	0.0	0.7	0.7	0.8
4	17.2	24.5	20.6	85.1	20.578	17.9	5.3	3.4	8.7	0.1
5	18.0	25.0	21.0	84.3	20.910	18.2	0.0	0.1	0.1	0.0
6	18.4	23.0	19.6	95.9	21.621	18.7	26.9	0.3	27.2	0.0
7	17.6	25.5	21.0	79.8	19.455	17.0	0.0	23.2	23.2	1.3
8	17.5	24.5	20.7	86.2	20.785	18.1	9.8	0.0	9.8	1.4
9	18.4	23.3	20.4	87.0	20.784	18.1	0.0	4.8	4.8	0.0
10	17.4	25.0	20.3	83.3	19.532	17.0	2.6	0.9	3.5	0.8
11	17.4	26.5	20.8	80.6	19.736	17.2	0.0	17.6	17.6	4.3
12	17.4	24.5	20.0	85.6	19.831	17.4	0.0	0.2	0.2	2.0
13	17.0	26.0	20.9	78.9	19.149	16.8	0.0	1.4	1.4	6.1
14	17.8	27.0	21.8	74.0	18.821	16.5	0.1	5.1	5.2	6.4
15	18.0	28.5	22.6	71.2	19.346	17.0	0.0	0.0	0.0	7.7
16	18.2	28.0	22.7	70.2	18.955	16.7	0.0	3.3	3.3	6.6
17	17.4	25.3	20.2	83.3	19.500	17.0	1.3	6.5	7.8	1.1
18	18.2	25.5	21.2	81.0	20.038	17.5	0.6	0.3	0.9	2.9
19	18.6	27.5	21.6	78.1	19.917	17.4	0.0	0.0	0.0	5.7
20	18.2	27.0	21.6	82.2	21.122	18.4	0.0	0.0	0.0	3.2
21	18.2	24.5	21.5	86.0	21.995	19.0	0.6	0.0	0.6	0.1
22	18.0	27.0	22.4	73.6	19.767	17.3	0.0	0.0	0.0	2.4
23	18.4	28.0	22.6	71.0	18.842	16.2	0.5	0.0	0.5	2.9
24	18.0	27.0	21.7	78.2	19.963	17.4	0.0	0.0	0.0	3.6
25	18.4	28.8	23.9	70.8	20.190	17.6	0.0	2.3	2.3	4.0
26	19.6	26.5	20.7	88.2	21.137	18.4	8.4	0.0	8.4	1.8
27	17.6	28.0	22.0	79.5	20.514	17.9	0.0	2.3	2.3	5.4
28	18.6	21.5	19.7	91.3	20.917	18.2	7.6	3.3	10.9	0.0
29	17.3	24.5	20.2	86.8	20.317	17.7	2.2	0.0	2.2	1.4
30	17.0	26.0	20.5	83.7	20.035	17.4	1.3	0.6	1.9	1.7
PROM	17.9	25.9	21.2	81.5	20.265	17.7	71.7	92.4	164.1	74.8

ESTACION: MANUEL MALLARINO MUNICIPIO: TRUJILLO AÑO: 1.982

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

M E S - MAYO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	27.0	22.1	73.4	19.011	16.7	0.0	2.4	2.4	5.0
2	18.4	25.0	20.3	90.5	21.565	18.7	8.9	0.0	8.9	1.4
3	18.0	26.0	22.0	77.0	19.835	17.3	0.0	0.0	0.0	5.4
4	18.6	27.5	21.3	79.4	19.998	17.5	10.1	0.2	10.3	5.5
5	18.2	27.0	21.6	79.0	20.120	17.6	0.0	0.0	0.0	3.2
6	17.0	27.0	22.1	78.3	20.427	17.8	0.2	4.5	4.7	2.5
7	17.8	27.0	22.0	78.8	20.692	18.0	0.0	3.9	3.9	6.3
8	17.8	26.0	22.2	81.1	21.563	18.7	0.0	25.3	25.3	1.5
9	17.6	26.0	20.9	86.4	21.328	18.5	14.4	0.0	14.4	2.0
10	17.4	24.5	20.0	86.2	20.250	17.7	0.0	0.0	0.0	2.1
11	16.8	27.0	21.8	75.7	19.521	17.1	0.0	0.4	0.4	6.2
12	17.6	27.5	22.3	67.9	18.102	15.7	0.0	0.0	0.0	5.7
13	17.6	27.0	22.5	80.0	21.645	18.7	0.4	0.2	0.6	2.6
14	18.0	26.0	21.9	81.8	21.247	18.4	0.0	0.0	0.0	2.9
15	17.6	26.0	20.8	82.4	20.420	17.8	27.0	0.0	27.0	2.4
16	17.3	26.5	21.6	78.2	19.970	17.5	0.0	0.0	0.0	2.2
17	18.6	27.0	22.0	79.8	20.764	18.1	1.0	12.9	13.9	3.0
18	18.2	25.5	21.3	81.9	20.368	17.8	0.2	3.6	3.8	3.9
19	17.2	25.5	21.2	84.9	21.285	18.5	0.0	5.1	5.1	1.0
20	17.6	23.4	21.1	87.6	21.616	18.7	15.7	34.6	50.3	1.8
21	17.0	23.5	19.7	90.8	20.978	18.2	0.9	0.2	1.1	0.2
22	18.0	22.5	19.7	94.1	21.743	18.8	6.6	1.0	7.6	0.1
23	17.4	25.0	21.1	82.5	20.714	18.0	0.0	0.0	0.0	1.7
24	18.2	26.0	21.6	70.1	17.476	15.1	0.0	0.0	0.0	2.2
25	18.4	24.5	19.5	90.5	20.565	17.9	1.1	0.3	1.4	0.8
26	17.8	26.0	21.8	81.7	20.869	18.1	0.0	10.8	10.8	3.5
27	17.4	25.5	21.2	83.2	20.714	18.0	0.0	0.0	0.0	3.2
28	18.2	25.0	21.3	84.8	21.456	18.6	0.0	0.0	0.0	0.7
29	18.6	25.0	21.2	90.3	22.753	19.5	0.1	0.1	0.2	0.1
30	18.0	26.5	21.3	76.3	19.091	16.7	0.0	0.0	0.0	3.3
31	18.6	27.0	22.7	75.7	20.825	18.1	0.0	0.0	0.0	4.1
PROM.	17.8	25.8	21.4	81.6	20.546	17.9	86.6	105.5	192.1	86.5

M E S - JUNIO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.8	28.0	22.3	78.1	20.966	18.3	0.0	0.0	0.0	5.0
2	18.6	26.8	22.6	78.5	21.216	18.4	0.0	0.2	0.2	4.8
3	18.4	27.0	22.2	78.7	20.759	18.1	0.0	0.0	0.0	3.0
4	18.0	25.0	21.9	81.9	21.480	18.7	0.0	0.0	0.0	0.0
5	17.0	27.5	22.4	75.0	20.127	17.6	0.0	47.9	47.9	6.1
6	17.2	26.3	21.5	83.5	21.370	18.5	0.0	0.0	0.0	4.6
7	17.4	27.0	22.2	74.3	19.663	17.2	0.0	0.0	0.0	6.3
8	18.0	27.5	22.9	76.8	20.970	18.3	0.0	0.2	0.2	4.5
9	18.3	27.0	22.2	78.0	20.654	18.0	0.0	0.0	0.0	5.3
10	18.4	27.5	22.5	72.8	19.413	17.0	0.0	0.0	0.0	6.5
11	18.3	28.0	22.7	76.9	20.631	18.0	0.0	0.0	0.0	5.3
12	19.0	26.0	21.9	75.0	19.503	17.1	0.8	0.0	0.8	4.9
13	17.8	27.7	22.7	74.3	20.165	17.6	0.0	17.1	17.1	6.1
14	17.6	26.0	22.2	80.9	21.349	18.5	0.1	0.0	0.1	2.5
15	17.8	28.0	22.6	76.1	20.721	18.0	0.0	0.0	0.0	5.7
16	18.0	26.5	22.4	78.1	20.958	18.2	0.0	0.0	0.0	5.5
17	18.6	26.5	22.4	78.8	21.092	18.3	0.0	0.0	0.0	8.0
18	17.5	28.0	22.7	67.2	18.438	16.2	0.0	0.0	0.0	4.2
19	19.4	27.5	21.7	81.0	20.901	18.2	20.7	0.0	20.7	3.0
20	17.6	25.5	21.4	83.9	21.475	18.6	0.3	0.0	0.3	0.7
21	18.2	26.3	21.6	76.9	19.816	17.4	0.0	0.8	0.8	5.4
22	18.2	27.0	21.7	80.1	20.652	18.0	0.0	0.0	0.0	4.2
23	17.8	28.5	22.6	77.5	20.949	18.2	0.0	0.0	0.0	6.3
24	18.8	25.5	21.9	81.3	21.473	18.7	0.0	0.0	0.0	0.2
25	17.6	28.5	22.2	72.1	18.859	16.5	0.0	0.0	0.0	4.9
26	18.0	28.0	23.2	65.6	18.165	16.0	0.0	0.0	0.0	7.3
27	18.0	27.2	22.9	72.2	19.908	17.4	0.0	0.0	0.0	2.6
28	18.0	29.0	22.9	71.4	19.668	17.2	0.0	0.0	0.0	5.7
29	18.0	28.0	23.1	73.0	20.202	17.6	0.0	0.0	0.0	5.3
30	17.0	29.5	23.1	68.5	18.767	16.4	0.0	0.0	0.0	5.6
PROM	18.0	27.2	22.4	76.3	20.344	17.7	21.9	66.2	83.1	139.5

ESTACION: MANUEL MALLARINO MUNICIPIO: TRUJILLO AÑO: 1.982

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

M E S - JULIO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.4	27.5	22.1	77.7	20.535	17.9	0.0	0.0	0.0	2.8
2	18.3	27.5	22.3	75.3	19.763	17.3	0.0	0.0	0.0	5.3
3	17.4	29.0	22.7	73.6	19.714	17.2	0.2	0.0	0.2	5.1
4	18.0	27.5	22.3	73.9	19.496	17.0	0.0	0.0	0.0	4.3
5	18.6	26.5	22.5	71.5	19.138	16.8	0.0	0.0	0.0	3.1
6	17.4	27.5	21.4	83.3	20.874	18.1	1.6	26.9	28.5	3.4
7	18.0	27.5	22.1	78.8	20.637	18.0	0.0	0.0	0.0	5.2
8	17.2	27.6	22.0	75.9	19.699	17.2	0.0	0.0	0.0	3.1
9	17.6	29.0	23.0	71.6	18.985	16.6	0.0	0.0	0.0	7.9
10	18.2	29.5	23.2	72.9	20.187	17.6	0.0	0.0	0.0	7.9
11	18.1	28.3	21.1	76.1	19.157	16.8	9.7	8.6	18.3	4.5
12	18.0	25.5	20.7	81.6	19.684	17.2	0.4	0.0	0.4	0.9
13	17.2	28.3	22.9	67.5	18.145	15.9	0.0	0.0	0.0	7.9
14	18.2	30.0	23.4	71.5	19.945	17.4	0.0	0.0	0.0	7.2
15	17.3	29.0	23.1	72.5	19.948	17.4	0.0	0.0	0.0	5.9
16	18.0	27.0	22.0	74.4	19.483	17.1	0.0	0.0	0.0	2.6
17	18.4	28.6	22.7	69.8	18.424	16.0	0.0	0.0	0.0	5.1
18	18.0	26.0	22.2	75.5	19.754	17.3	0.0	1.0	1.0	0.0
19	17.8	27.0	22.2	73.1	19.124	16.8	0.0	0.0	0.0	0.3
20	17.2	27.5	22.8	69.2	18.465	16.2	0.0	0.0	0.0	3.5
21	18.4	29.5	22.6	69.4	18.196	16.0	0.0	0.0	0.0	7.6
22	17.3	28.8	22.8	66.8	17.982	15.8	0.0	0.0	0.0	4.9
23	18.3	29.5	23.6	64.0	17.688	15.5	0.0	0.0	0.0	7.2
24	17.6	28.5	22.7	64.2	17.099	15.0	0.0	0.0	0.0	6.5
25	18.0	28.5	23.6	65.9	18.491	16.3	0.0	0.0	0.0	5.1
26	17.8	25.0	20.8	81.9	19.832	17.4	0.6	0.6	1.2	2.5
27	17.4	24.5	20.3	86.0	20.233	17.7	0.4	2.6	3.0	1.0
28	17.2	26.5	21.8	73.7	18.456	16.2	0.0	2.5	2.5	4.9
29	17.0	26.5	21.9	75.1	19.089	16.8	0.0	0.0	0.0	5.0
30	17.8	29.0	23.0	68.0	18.474	16.2	0.0	0.0	0.0	8.1
31	18.6	29.0	23.4	65.6	18.170	15.9	0.0	0.0	0.0	8.3
PROM.	17.8	27.8	22.4	73.0	19.189	16.8	12.9	42.2	55.1	147.1

M E S - AGOSTO

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	28.5	23.0	75.3	20.496	17.7	0.0	0.0	0.0	6.2
2	17.6	28.0	23.1	70.0	19.053	16.7	0.0	0.0	0.0	7.2
3	16.8	28.3	22.5	70.3	18.535	16.3	0.0	0.0	0.0	8.1
4	17.3	30.0	22.8	66.7	17.730	15.5	0.0	0.0	0.0	8.9
5	16.2	29.0	22.9	64.7	17.477	15.4	0.0	0.0	0.0	8.0
6	17.2	25.3	21.2	75.5	18.610	16.4	0.0	0.0	0.0	3.4
7	17.7	26.0	21.6	74.8	18.813	16.5	0.0	4.0	4.0	3.8
8	17.4	26.5	21.6	73.7	18.450	16.2	0.0	0.0	0.0	2.2
9	17.2	29.5	23.0	69.5	18.574	16.3	0.0	0.0	0.0	9.0
10	17.8	29.0	23.4	66.6	18.666	16.4	0.0	0.0	0.0	5.9
11	16.6	30.0	24.0	61.8	17.141	15.0	0.0	0.0	0.0	7.7
12	17.0	29.5	23.8	65.5	18.641	16.4	0.0	0.0	0.0	7.4
13	17.4	30.0	24.3	64.6	18.090	15.9	0.0	0.0	0.0	9.0
14	17.6	30.0	24.2	63.3	18.113	15.8	0.0	0.0	0.0	8.5
15	17.4	30.5	24.2	61.7	17.187	15.0	0.0	0.0	0.0	9.0
16	18.2	28.5	23.2	68.1	18.861	16.5	0.0	0.0	0.0	3.2
17	17.8	30.5	24.1	65.3	18.803	16.5	0.0	0.0	0.0	8.7
18	18.8	29.5	23.6	68.7	19.283	16.8	0.0	0.0	0.0	3.5
19	18.2	30.0	24.4	68.1	19.446	16.9	0.0	0.0	0.0	7.0
20	19.3	27.5	23.4	74.7	20.959	18.2	0.0	0.0	0.0	0.8
21	18.8	28.5	22.5	69.7	18.372	16.0	0.0	0.0	0.0	2.8
22	18.0	31.0	23.4	61.8	16.948	14.9	0.0	0.0	0.0	8.9
23	17.2	30.0	23.5	68.2	19.119	16.8	0.0	0.0	0.0	5.1
24	17.6	29.5	23.9	63.9	18.257	16.0	0.0	0.0	0.0	6.0
25	18.4	28.5	23.6	68.5	18.934	16.6	0.0	0.0	0.0	3.4
26	17.0	30.0	22.7	69.8	18.343	16.1	0.0	0.0	0.0	6.3
27	17.4	29.4	23.9	65.2	18.473	16.2	0.0	0.0	0.0	6.3
28	17.6	30.0	23.8	64.9	17.823	15.5	0.0	0.0	0.0	2.4
29	16.6	30.5	23.1	63.7	18.559	15.2	0.0	0.0	0.0	6.8
30	17.6	28.5	23.2	69.4	19.181	16.3	0.0	0.0	0.0	3.6
31	16.8	26.5	21.9	76.0	19.535	17.1	0.0	0.0	0.0	1.7
PROM	17.5	29.0	23.2	68.2	18.596	16.3	0.0	4.0	4.0	180.8

ESTACION: MANUEL MALLARINO MUNICIPIO: TRUJILLO AÑO: 1.982

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	30.0	24.3	67.8	19.470	17.0	1.0	2.5	3.5	8.6
2	19.2	29.5	23.5	68.0	19.136	16.8	0.0	0.0	0.0	5.4
3	17.8	30.0	24.0	66.8	19.019	16.7	0.0	0.0	0.0	5.5
4	19.0	28.5	22.6	74.2	19.889	17.4	0.0	0.0	0.0	3.2
5	18.4	29.0	23.6	67.4	18.953	16.7	0.0	0.0	0.0	1.8
6	16.2	29.0	23.4	65.5	18.160	16.0	0.0	0.0	0.0	5.8
7	16.4	30.0	23.0	64.2	17.370	15.3	0.0	0.0	0.0	7.5
8	17.4	29.5	23.5	64.9	18.324	16.1	0.0	0.0	0.0	3.6
9	17.8	29.0	23.3	73.6	20.395	17.8	0.0	0.0	0.0	3.6
10	17.2	25.6	21.7	80.5	20.658	18.0	0.0	0.0	0.0	0.0
11	17.4	27.8	21.6	79.4	19.883	17.3	1.3	4.9	6.2	3.6
12	17.6	30.5	23.1	71.6	19.235	16.8	0.0	0.0	0.0	6.0
13	17.2	29.0	22.8	70.0	19.010	16.6	0.0	2.5	2.5	7.2
14	17.8	26.5	22.2	75.7	19.787	17.2	4.2	6.1	10.3	1.7
15	18.0	25.4	21.1	81.5	20.272	17.7	7.5	0.3	7.8	1.1
16	17.6	25.5	21.6	78.5	20.050	17.5	0.0	7.1	7.1	0.9
17	17.8	24.8	20.5	81.2	19.467	17.1	11.9	0.8	12.7	0.8
18	16.8	27.3	21.5	72.8	18.184	15.9	0.0	4.1	4.1	6.2
19	17.8	21.4	19.0	93.1	20.493	17.9	3.8	0.0	3.8	0.0
20	16.7	27.5	21.1	74.6	18.538	16.3	2.9	0.0	2.9	4.2
21	17.6	28.0	21.6	75.5	19.208	16.8	0.0	0.0	0.0	4.1
22	16.8	28.5	22.3	68.4	17.637	15.5	0.0	0.0	0.0	7.4
23	17.6	27.5	22.1	71.3	18.523	16.2	0.0	1.2	1.2	3.3
24	17.6	25.0	20.2	83.3	19.800	17.3	18.4	1.0	19.4	2.7
25	17.0	26.1	20.2	81.4	19.174	16.8	2.5	1.0	3.5	2.1
26	17.3	26.6	21.4	79.9	19.744	17.1	0.0	0.0	0.0	5.9
27	16.8	28.5	22.9	71.1	19.436	17.0	0.0	0.9	0.9	6.6
28	16.4	25.4	20.8	76.8	18.616	16.4	0.0	0.3	0.3	3.1
29	17.6	27.5	22.5	69.2	18.275	16.0	0.0	5.2	5.2	4.3
30	17.6	26.8	21.9	72.7	18.769	16.5	0.0	0.0	0.0	2.0
PROM.	17.4	27.5	22.1	74.0	19.183	16.8	53.5	37.9	91.4	118.2

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	25.0	19.9	93.5	21.886	18.9	24.6	0.0	24.6	0.6
2	16.8	26.0	21.5	72.0	18.242	16.0	0.0	15.5	15.5	0.0
3	17.2	23.3	20.4	85.6	20.281	17.7	27.2	0.0	27.2	
4	16.6	27.0	21.6	80.5	20.589	17.9	0.0	1.8	1.8	5.9
5	17.4	24.8	21.1	80.6	20.187	17.6	4.8	0.0	4.8	1.9
6	16.4	27.5	22.5	71.6	19.331	17.0	0.0	0.0	0.0	5.4
7	18.6	25.0	20.9	89.3	21.852	18.9	7.4	22.8	30.2	3.2
8	16.0	23.6	19.9	87.8	20.361	17.8	0.1	0.0	0.1	2.6
9	16.7	25.4	21.0	75.4	18.587	16.3	0.3	7.7	8.0	1.6
10	17.4	25.5	20.3	78.7	18.470	16.2	0.0	0.0	0.0	
11	17.4	27.5	21.9	74.5	19.266	16.9	0.0	18.6	18.6	6.5
12	16.8	22.5	19.6	88.8	20.147	17.6	0.9	0.0	0.9	0.5
13	15.6	28.0	21.9	71.8	18.456	16.2	0.0	0.0	0.0	8.8
14	17.9	26.5	21.8	77.6	20.096	17.5	0.0	2.7	2.7	3.0
15	18.0	25.4	21.2	82.0	20.407	17.8	0.0	0.0	0.0	3.3
16	17.8	26.5	21.3	75.5	18.905	16.6	0.0	13.1	13.1	6.6
17	18.0	26.8	21.5	80.3	20.329	17.8	12.4	0.0	12.4	
18	17.6	27.5	21.8	73.2	18.970	16.6	0.0	4.1	4.1	4.8
19	16.8	26.5	21.1	82.4	20.424	17.8	34.8	54.1	88.9	3.9
20	16.8	23.5	19.7	87.0	19.990	17.5	0.0	0.0	0.0	0.1
21	16.8	26.5	21.6	75.8	19.143	16.8	0.0	7.0	7.0	6.6
22	17.4	25.3	20.7	80.1	19.364	16.9	0.0	0.0	0.0	
23	17.8	25.5	20.9	86.9	21.231	18.4	2.4	0.9	3.3	2.9
24	17.6	23.2	20.0	86.6	19.992	17.5	1.1	55.0	56.1	0.3
25	16.7	26.0	21.0	76.8	18.566	16.3	0.0	48.1	48.1	1.4
26	16.2	26.5	20.9	77.7	19.056	16.7	0.0	0.0	0.0	4.1
27	17.7	24.0	19.9	87.1	20.142	17.6	0.0	0.0	0.0	0.4
28	15.6	25.0	20.8	71.3	17.470	15.4	0.0	0.0	0.0	3.4
29	16.6	25.5	19.7	79.8	18.150	15.8	2.2	0.0	2.2	3.4
30	16.6	27.0	21.3	79.2	19.593	17.1	0.0	0.0	0.0	7.6
31	18.0	27.1	22.3	79.3	20.758	17.9	0.4	7.5	7.9	
PROM	17.1	25.7	21.0	80.3	19.685	17.2	118.6	258.9	377.5	

ESTACION: MANUEL MALLARINO MUNICIPIO: TRUJILLO AÑO: 1.982

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

M E S - NOVIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	25.0	21.0	79.1	19.765	17.3	0.1	8.7	8.8	1.6
2	17.2	24.9	20.1	85.0	19.821	17.3	10.7	0.3	11.0	2.7
3	17.5	24.3	20.7	83.7	21.398	18.5	0.0	9.0	9.0	
4	17.0	25.0	20.7	80.9	19.656	17.2	0.8	0.0	0.8	2.2
5	17.3	26.5	21.4	68.3	17.416	15.2	0.0	1.3	1.3	4.6
6	17.7	26.3	21.2	77.5	19.113	16.7	0.3	0.5	0.8	5.6
7	18.0	23.0	20.2	84.1	19.754	17.2	0.0	0.0	0.0	
8	16.2	26.5	21.6	80.7	21.146	18.3	0.0	0.0	0.0	6.2
9	17.0	27.3	22.7	68.9	19.004	16.7	0.0	0.0	0.0	7.1
10	18.4	26.0	20.3	98.4	21.326	18.4	4.4	0.0	4.4	1.9
11	16.6	26.0	20.8	82.3	20.203	17.7	4.4	34.8	39.2	0.0
12	17.6	25.0	20.4	82.0	19.525	17.1	0.0	0.0	0.0	0.0
13	16.4	27.8	22.4	72.2	19.250	16.9	0.0	0.0	0.0	
14	17.6	29.0	23.5	77.3	22.194	19.1	0.0	0.0	0.0	7.8
15	17.6	28.0	22.5	78.3	21.046	18.3	0.0	2.1	2.1	6.2
16	17.2	25.0	20.8	86.9	21.442	18.6	0.0	0.0	0.0	0.2
17	18.4	25.5	20.7	88.9	21.864	18.9	0.1	0.0	0.1	2.2
18	18.6	25.6	20.1	87.7	20.806	18.1	7.9	0.7	8.6	0.7
19	16.8	25.5	20.6	81.1	19.490	17.1	0.1	6.0	6.1	4.8
20	19.0	24.4	20.1	89.5	21.312	18.5	6.1	1.3	7.4	0.3
21	17.0	22.6	19.4	92.6	20.767	18.1	2.8	1.4	4.2	0.6
22	17.4	23.5	19.7	87.0	19.944	17.3	2.0	0.0	2.0	0.9
23	17.3	25.5	21.1	78.6	19.452	17.1	0.0	0.0	0.0	3.4
24	17.6	27.5	21.4	75.2	18.700	16.4	0.0	0.0	0.0	5.1
25	17.7	25.8	20.8	80.2	19.645	17.2	8.3	0.0	8.3	1.6
26	16.8	26.5	21.6	75.1	18.664	16.3	0.0	0.3	0.3	4.9
27	15.6	26.5	21.0	74.7	18.103	15.9	0.0	3.1	3.1	6.9
28	17.4	26.0	20.7	78.4	18.792	16.4	1.3	0.0	1.3	3.5
29	16.6	27.5	20.9	73.1	17.599	15.5	0.0	0.0	0.0	6.7
30	17.4	28.0	21.8	73.8	18.892	16.5	0.0	0.0	0.0	6.3
PROM.	17.3	25.8	21.0	80.6	19.870	17.3	49.3	69.5	118.8	

M E S - DICIEMBRE

DIA	TEMPERATURA oC			Humedad relativa o/o	Tensión vapor mb.	Punto rocío oC	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.9	28.0	21.6	80.3	20.510	17.8	0.6	0.9	1.5	3.2
2	18.6	26.0	21.0	80.4	19.992	17.5	2.2	0.0	2.2	2.0
3	17.8	28.0	22.3	73.0	19.075	16.7	0.0	2.3	2.3	6.3
4	17.7	24.3	21.4	84.6	21.655	18.8	0.0	0.0	0.0	0.0
5	18.8	24.8	20.6	84.7	20.648	18.0	2.7	2.5	5.2	0.8
6	17.4	26.0	20.3	85.7	20.165	17.6	0.0	23.8	23.8	1.8
7	18.2	24.8	21.1	86.9	21.663	18.8	0.0	13.7	13.7	0.8
8	18.0	25.8	20.5	85.0	20.458	17.9	13.9	3.0	16.9	1.4
9	18.8	25.3	20.9	83.8	20.786	18.1	1.5	0.0	1.5	2.3
10	16.6	26.0	21.9	79.2	20.274	17.7	0.0	0.0	0.0	3.6
11	18.4	26.5	21.8	81.9	21.072	18.3	0.0	3.8	3.8	4.5
12	17.4	27.0	21.2	78.0	19.912	17.4	3.3	0.5	3.8	2.9
13	17.8	25.0	20.4	83.4	20.012	17.5	15.9	0.0	15.9	1.5
14	16.6	27.1	21.3	76.1	18.702	16.4	0.0	0.0	0.0	7.5
15	16.4	28.8	22.2	72.2	18.758	16.5	0.0	1.0	1.0	8.6
16	17.4	27.1	21.5	82.8	21.144	18.4	3.0	3.5	6.5	4.1
17	18.3	24.5	20.3	90.3	21.612	18.7	9.6	0.0	9.6	1.0
18	17.3	25.0	21.0	80.8	19.879	17.4	0.0	0.0	0.0	3.0
19	17.9	26.4	21.0	81.4	20.137	17.6	0.4	0.4	0.8	3.5
20	18.2	26.5	21.4	78.0	19.568	17.1	0.4	1.5	1.9	3.4
21	18.4	26.0	21.5	82.1	21.025	18.3	3.8	18.4	22.2	2.9
22	17.8	25.5	20.9	82.1	20.268	17.7	0.0	0.0	0.0	2.6
23	16.8	27.5	22.0	72.0	19.096	16.8	0.0	2.5	2.5	5.5
24	18.0	25.0	21.1	84.0	21.076	18.3	0.0	0.0	0.0	2.5
25	15.8	27.0	21.2	73.8	18.252	16.0	0.0	0.0	0.0	5.1
26	16.4	27.0	21.8	74.0	18.860	16.5	0.0	19.2	19.2	4.6
27	17.4	22.5	19.3	88.7	20.100	17.5	5.3	0.0	5.3	0.0
28	16.2	25.6	20.5	81.3	19.345	17.0	0.0	0.0	0.0	2.2
29	16.8	23.6	21.0	73.7	19.390	17.0	0.0	0.0	0.0	0.1
30	16.8	27.9	22.3	71.9	18.932	16.6	0.0	0.0	0.0	8.5
31	16.8	28.0	22.4	74.4	19.781	17.3	0.0	0.0	0.0	7.4
PROM	17.5	26.1	21.2	80.4	20.069	17.5	62.6	97.0	159.6	103.6

ESTACION: MANUEL MALLARINO MUNICIPIO TRUJILLO AÑO: 1.982

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	17.2	26.5	21.5	16.0	29.0	75.3	18.878	16.5	181.1	16	150.7
FEBRERO	17.8	26.8	22.2	15.9	29.6	75.0	19.492	17.0	99.7	15	104.2
MARZO	17.4	26.5	21.5	16.0	28.3	79.8	20.159	17.6	141.5	19	110.7
ABRIL	17.9	25.9	21.2	17.0	28.8	81.5	20.265	17.7	164.1	25	74.8
MAYO	17.8	25.8	21.4	16.8	27.5	81.6	20.546	17.9	192.1	19	86.5
JUNIO	18.0	27.2	22.4	17.0	29.5	76.3	20.344	17.7	88.1	9	139.5
JULIO	17.8	27.8	22.4	17.0	30.0	73.0	19.189	16.8	55.1	8	147.1
AGOSTO	17.5	29.0	23.2	16.2	31.0	68.2	18.596	16.3	4.0	1	180.8
SEPTIEMBRE	17.4	27.5	22.1	16.2	30.5	74.0	19.183	16.8	91.4	16	118.2
OCTUBRE	17.1	25.7	21.0	15.6	28.0	80.3	19.685	17.2	377.5	21	
NOVIEMBRE	17.3	25.8	21.0	15.6	29.0	80.6	19.870	17.3	118.8	19	
DICIEMBRE	17.5	26.1	21.2	15.8	28.8	80.4	20.069	17.5	159.6	20	103.6
PROMEDIO	17.6	26.7	21.8	16.3	29.2	77.2	19.690	17.2			
TOTAL									1673.0	188	

ESTACION: JULIO FERNANDEZ MUNICIPIO: RESTREPO AÑO: 1.982

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

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.3	24.2	18.9	80.0	17.364	15.2	2.4	0.0	2.4	1.3
2	15.6	25.5	19.5	84.3	19.447	17.1	0.0	0.0	0.0	3.7
3	15.6	25.9	19.4	84.3	19.305	17.0	10.5	3.3	13.8	2.5
4	15.4	22.0	18.4	90.0	19.176	16.8	0.0	0.3	0.3	0.8
5	14.8	22.8	18.5	82.8	17.604	15.5	0.0	0.0	0.0	5.3
6	14.0	25.5	18.9	84.0	18.202	16.0	1.5	0.3	1.8	3.6
7	15.0	24.0	18.8	85.0	18.494	16.3	4.0	0.6	4.6	3.0
8	15.3	24.3	18.7	84.1	18.416	16.2	19.6	0.0	19.6	5.0
9	15.4	25.6	19.1	79.5	17.922	15.8	0.0	0.0	0.0	8.9
10	15.3	25.5	19.3	84.6	19.172	16.8	0.0	1.0	1.0	4.6
11	15.6	27.1	20.4	83.5	20.275	17.7	0.0	0.3	0.3	7.7
12	16.5	25.8	20.6	87.0	21.267	18.5	0.0	0.0	0.0	8.2
13	16.3	25.8	20.2	84.8	20.203	17.7	0.0	0.0	0.0	6.8
14	17.6	25.5	20.3	87.6	21.048	18.3	0.0	0.0	0.0	7.3
15	17.2	25.8	19.9	86.0	20.478	17.8	0.0	0.0	0.0	5.6
16	16.2	25.8	20.3	84.4	20.022	17.5	0.0	0.0	0.0	7.5
17	16.6	25.9	21.4	82.5	21.126	18.4	0.0	0.0	0.0	8.1
18	17.8	27.0	20.6	80.9	20.163	17.6	0.0	0.0	0.0	5.5
19	17.6	26.5	20.5	83.5	20.136	17.6	0.0	0.0	0.0	8.1
20	15.0	26.5	19.8	86.9	19.819	17.3	0.0	0.0	0.0	8.2
21	16.3	26.7	20.5	84.8	20.643	18.0	0.0	0.0	0.0	7.5
22	16.5	25.8	20.4	86.4	20.454	17.8	0.0	0.0	0.0	7.2
23	14.5	26.4	20.2	77.5	17.790	15.6	0.0	0.0	0.0	7.5
24	16.3	25.6	20.1	79.5	19.114	16.8	0.0	1.4	1.4	7.0
25	14.0	25.6	18.9	83.4	18.074	15.9	0.0	0.3	0.3	7.0
26	14.3	24.0	18.2	92.8	19.549	17.1	2.3	0.0	2.3	4.0
27	15.8	24.2	18.9	85.5	18.594	16.3	0.0	10.2	10.2	4.0
28	15.1	25.0	18.7	85.7	18.422	16.2	0.6	0.2	0.8	5.3
29	16.0	24.5	18.9	92.2	20.206	17.7	0.2	0.2	0.4	4.1
30	15.9	23.7	19.1	88.3	19.509	17.1	0.0	0.0	0.0	1.4
31	16.0	25.8	20.1	83.0	19.666	17.2	0.0	1.0	1.0	6.7
PROM.	15.8	25.3	19.6	84.7	19.408	17.0	41.1	19.1	60.2	173.4

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	25.0	19.2	87.2	19.441	17.0	0.0	0.1	0.1	4.7
2	18.0	23.0	18.8	90.6	19.943	17.4	0.0	0.0	0.0	0.2
3	15.6	26.5	19.5	82.3	18.623	16.4	0.0	0.0	0.0	8.8
4	18.5	26.0	20.4	81.1	19.474	17.1	0.0	0.0	0.0	6.8
5	17.0	26.0	20.0	81.1	19.330	16.9	0.8	0.0	0.8	4.8
6	18.0	26.0	21.1	75.8	19.235	16.9	0.0	0.7	0.7	7.8
7	17.0	25.5	19.5	81.2	18.466	16.2	0.0	0.0	0.0	3.6
8	17.0	26.0	19.8	79.9	18.530	16.3	0.3	0.0	0.3	3.1
9	17.0	27.0	20.6	74.5	17.814	15.7	0.0	10.4	10.4	6.2
10	17.2	27.0	20.5	75.9	18.367	16.1	0.0	0.4	0.4	0.0
11	16.8	26.6	21.1	78.4	19.300	16.9	0.0	38.5	38.5	0.7
12	16.5	24.0	19.2	82.7	18.457	16.2	10.2	0.0	10.2	0.0
13	14.0	27.0	20.1	79.3	18.556	16.3	0.0	3.4	3.4	0.0
14	17.5	26.5	20.2	81.3	19.530	17.1	0.0	0.0	0.0	6.9
15	16.4	25.0	19.1	81.6	17.929	15.7	2.0	6.0	8.0	0.7
16	15.0	26.2	19.9	78.9	18.200	16.0	0.0	1.0	1.0	7.3
17	14.5	25.5	19.0	79.4	17.498	15.4	0.0	0.0	0.0	7.9
18	14.5	26.5	19.8	82.1	18.863	16.6	0.0	0.0	0.0	8.2
19	17.0	26.5	19.5	87.3	20.330	17.7	2.1	0.2	2.3	0.3
20	16.5	24.5	18.7	75.2	16.419	14.4	0.0	0.0	0.0	1.1
21	16.0	26.5	19.4	76.7	17.060	15.0	0.0	0.0	0.0	8.6
22	17.0	26.5	20.0	79.0	18.635	16.4	0.0	0.0	0.0	1.8
23	18.0	26.5	20.3	79.2	19.011	16.7	0.0	0.0	0.0	0.0
24	16.8	27.0	20.3	76.6	18.138	16.0	0.0	0.0	0.0	6.9
25	18.0	27.0	20.3	78.2	18.901	16.6	0.0	8.0	8.0	4.2
26	18.0	26.0	20.6	78.7	19.220	16.9	0.0	0.0	0.0	6.7
27	15.8	25.0	19.6	77.9	17.620	15.5	0.0	0.0	0.0	3.0
28	16.0	25.5	19.9	76.9	17.777	15.6	0.0	0.0	0.0	4.9
PROM	16.7	25.9	19.9	80.0	18.595	16.3	15.4	68.7	84.1	115.2

ESTACION: JULIO FERNANDEZ MUNICIPIO: RESTREPO AÑO: 1.982

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	18.0	25.0	20.3	78.5	18.724	16.4	0.0	0.0	0.0	
2	17.0	20.0	18.2	94.9	19.886	17.4	16.0	10.2	26.2	
3	16.5	26.7	20.2	79.3	18.648	16.4	0.0	0.0	0.0	6.6
4	17.5	26.0	20.0	79.3	18.598	16.4	0.0	0.0	0.0	
5	17.0	24.7	20.1	77.5	18.145	16.0	0.0	0.0	0.0	
6	16.2	26.4	20.2	80.9	19.052	16.7	0.0	0.0	0.0	
7	16.0	27.6	21.4	76.4	19.617	17.2	0.1	0.0	0.1	
8	16.3	27.5	19.7	80.7	18.994	16.7	8.5	0.0	8.5	
9	15.0	24.5	19.3	83.7	18.493	16.3	0.0	0.0	0.0	
10	17.0	25.3	20.3	81.6	19.419	17.0	0.0	0.0	0.0	
11	15.0	25.0	19.5	85.2	19.612	17.2	0.0	0.0	0.0	
12	17.6	24.8	20.1	79.6	18.927	16.6	0.0	5.0	5.0	
13	17.5	25.5	20.3	83.5	19.762	17.3	0.0	0.0	0.0	
14	18.0	26.8	20.0	85.1	19.871	17.4	11.8	0.0	11.8	
15	16.0	26.3	19.7	82.4	19.055	16.7	0.0	12.7	12.7	
16	16.0	24.5	19.5	83.9	19.287	16.9	8.0	0.4	8.4	0.2
17	18.0	26.0	20.3	82.2	19.796	17.3	0.0	18.6	18.6	6.8
18	18.0	25.9	19.8	83.8	19.469	17.1	4.0	0.0	4.0	3.0
19	17.8	26.0	20.3	84.4	20.301	17.7	0.0	0.0	0.0	5.9
20	18.0	25.4	20.3	81.7	19.885	17.4	0.0	0.0	0.0	4.2
21	18.2	26.0	20.8	76.1	18.933	16.6	0.0	0.0	0.0	8.1
22	18.6	27.6	20.8	79.2	19.644	17.2	0.0	0.0	0.0	8.6
23	17.5	26.6	21.2	81.5	20.785	18.1	0.0	0.0	0.0	7.3
24	16.5	26.4	20.9	80.3	19.940	17.5	0.0	0.0	0.0	6.9
25	16.5	26.2	20.7	82.2	19.907	17.4	0.0	0.0	0.0	5.1
26	17.0	24.0	19.3	84.6	19.222	16.9	0.0	0.0	0.0	1.1
27	16.0	26.7	20.5	80.6	19.248	16.9	0.0	0.0	0.0	3.6
28	17.5	25.5	20.3	82.2	19.643	17.2	0.0	0.0	0.0	6.9
29	16.0	27.3	20.9	78.3	19.203	16.8	2.5	0.0	2.5	3.1
30	15.6	24.0	19.7	85.0	19.435	17.0	0.0	0.0	0.0	3.1
31	17.3	27.6	21.0	80.7	19.844	17.3	0.0	0.1	0.1	4.4
PROM.	16.9	25.7	20.2	81.8	19.398	17.0	50.9	47.0	97.9	

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	16.0	25.3	20.6	83.2	20.258	17.7	0.0	0.4	0.4	0.6
2	17.4	24.0	19.4	90.4	20.576	18.0	2.8	0.5	3.3	0.2
3	16.5	25.0	19.7	90.7	21.081	18.4	4.0	3.8	7.8	1.5
4	16.0	24.1	18.8	85.0	18.588	16.3	13.1	11.4	24.5	1.0
5	18.0	24.0	20.1	86.5	20.458	17.9	0.0	10.4	10.4	2.3
6	15.6	23.5	18.9	84.3	18.132	15.9	16.3	0.0	16.3	1.2
7	15.0	25.6	19.6	82.2	18.533	16.3	0.0	2.1	2.1	2.5
8	17.0	24.5	20.0	84.0	19.823	17.4	4.9	0.0	4.9	1.3
9	18.5	24.2	19.4	87.3	19.877	17.4	5.1	0.6	5.7	1.3
10	17.5	25.0	19.8	86.0	19.792	17.3	1.2	0.3	1.5	0.9
11	17.6	26.4	20.5	82.0	19.785	17.4	0.0	4.1	4.1	7.2
12	16.6	24.6	19.8	80.7	18.481	16.2	2.2	0.0	2.2	2.9
13	15.4	25.7	19.8	78.2	17.552	15.4	0.0	0.0	0.0	3.9
14	17.5	26.2	20.2	82.1	19.442	17.1	0.0	0.0	0.0	8.2
15	16.0	27.9	20.4	78.9	18.509	16.3	0.0	0.0	0.0	8.6
16	18.0	27.7	20.4	83.0	20.049	17.5	0.0	14.4	14.4	7.5
17	17.0	24.3	19.6	82.0	18.624	16.4	6.1	0.7	6.8	
18	17.5	24.9	19.8	85.0	19.603	17.2	9.5	0.0	9.5	
19	17.5	26.0	20.4	85.8	20.756	18.1	0.0	0.0	0.0	5.2
20	18.0	26.0	20.6	85.4	20.860	18.2	0.0	0.0	0.0	0.9
21	18.0	20.5	19.0	93.7	20.843	18.2	21.0	0.0	21.0	6.8
22	16.0	25.5	20.0	85.5	19.930	17.4	0.0	0.0	0.0	0.5
23	17.0	26.0	20.3	77.8	18.502	16.3	30.5	0.0	30.5	7.4
24	17.5	26.6	20.5	86.1	20.831	18.1	0.0	0.0	0.0	4.9
25	17.0	26.8	21.0	83.5	20.661	18.0	0.0	0.0	0.0	2.7
26	17.0	25.6	20.3	85.7	20.375	17.8	0.0	11.8	11.8	8.0
27	16.0	28.0	20.6	84.4	20.336	17.7	0.8	0.8	1.6	3.6
28	16.5	23.9	18.9	91.6	19.984	17.5	0.0	0.0	0.0	3.2
29	17.0	26.8	19.9	81.1	18.796	16.5	0.0	0.0	0.0	
30	16.5	26.5	19.8	82.1	19.096	16.8	7.3	3.7	11.0	5.0
PROM	16.9	25.4	19.9	84.5	19.671	17.2	124.8	65.0	189.8	

ESTACION: JULIO FERNANDEZ MUNICIPIO: RESTREPO AÑO: 1.982

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	26.5	20.0	82.3	19.156	16.8	9.9	3.2	13.1	0.3
2	18.0	23.5	19.9	87.4	20.312	17.7	1.7	0.0	1.7	1.5
3	17.5	26.5	20.0	85.3	20.404	17.8	19.7	0.0	19.7	5.4
4	18.0	25.5	20.0	83.3	19.459	17.0	3.0	1.3	4.3	3.7
5	17.9	25.0	19.9	91.3	21.429	18.6	0.7	0.0	0.7	3.2
6	19.0	25.6	21.0	79.9	20.013	17.5	2.1	1.2	3.3	2.3
7	17.0	25.6	19.3	85.6	19.533	17.1	20.0	0.0	20.0	2.8
8	18.2	24.5	20.0	84.9	19.979	17.5	0.0	10.5	10.5	1.8
9	16.9	24.5	19.7	85.3	19.688	17.2	0.0	3.7	3.7	0.0
10	17.6	27.5	20.4	84.1	20.114	17.6	10.5	0.0	10.5	2.3
11	17.5	28.0	21.2	80.7	20.126	17.6	15.6	0.0	15.6	5.6
12	18.3	25.0	20.1	86.4	20.597	18.0	0.0	0.7	0.7	7.4
13	18.0	25.5	19.7	87.8	20.476	17.9	0.0	0.0	0.0	2.7
14	18.9	21.0	20.0	92.1	21.451	18.6	0.3	0.1	0.4	4.7
15	18.0	25.0	22.1	85.5	22.006	18.9	4.6	0.8	5.4	0.7
16	18.0	25.7	20.2	84.2	19.911	17.4	0.0	0.0	0.0	3.7
17	18.2	25.3	20.1	87.4	20.806	18.2	0.0	16.1	16.1	3.4
18	17.5	25.5	19.9	87.5	20.356	17.8	3.3	1.0	4.3	1.1
19	16.9	25.5	18.6	87.6	19.197	16.9	2.0	0.0	2.0	2.8
20	17.2	24.5	19.3	88.7	20.148	17.6	0.7	9.3	10.0	5.3
21	17.1	23.5	19.1	82.1	18.165	15.9	0.4	0.0	0.4	0.5
22	17.6	22.0	19.0	90.6	19.899	17.4	3.7	30.8	34.5	2.7
23	17.0	24.0	19.6	93.7	21.292	18.5	0.0	0.6	0.6	0.7
24	16.6	25.0	19.4	86.5	19.508	17.1	7.2	0.0	7.2	4.2
25	17.3	21.0	18.0	86.7	18.012	15.8	11.1	0.0	11.1	0.4
26	16.9	25.5	19.8	83.7	19.294	17.0	0.0	1.4	1.4	8.0
27	17.9	24.8	19.6	87.3	20.081	17.6	9.7	0.0	9.7	1.9
28	17.0	25.0	20.3	84.2	19.775	17.3	0.0	0.0	0.0	0.0
29	18.0	24.2	18.9	94.8	20.914	18.2	1.2	0.0	1.2	4.8
30	18.0	26.5	20.8	84.3	20.725	18.1	0.0	1.2	1.2	4.1
31	17.0	26.3	20.4	84.9	20.591	18.0	0.0	0.0	0.0	3.9
PROM.	17.6	25.0	19.9	86.3	20.110	17.6	127.4	81.9	209.3	91.9

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	19.0	27.6	21.8	80.6	20.908	18.2	0.0	0.0	0.0	4.2
2	19.2	26.0	21.7	80.4	20.719	18.0	0.0	0.0	0.0	5.5
3	18.2	26.5	20.9	82.9	20.644	18.0	0.0	0.0	0.0	3.4
4	16.7	24.0	19.4	88.5	20.473	17.9	0.0	0.0	0.0	0.2
5	17.6	25.8	20.0	85.4	19.983	17.5	3.6	1.7	5.3	3.8
6	19.3	26.2	21.0	84.1	20.929	18.2	0.0	0.0	0.0	3.4
7	18.0	26.5	20.1	89.3	21.292	18.5	0.0	0.0	0.0	6.9
8	18.2	27.2	21.0	84.4	21.053	18.3	0.0	0.0	0.0	6.9
9	16.8	26.0	19.5	86.1	20.420	17.8	0.0	2.8	2.8	8.0
10	16.0	26.7	20.3	83.0	19.567	17.1	0.0	0.0	0.0	4.4
11	18.0	26.5	20.8	79.7	19.342	16.9	0.0	0.0	0.0	3.6
12	18.0	26.6	21.1	78.1	19.441	17.0	0.0	0.0	0.0	5.9
13	18.0	26.6	20.6	83.0	20.315	17.8	0.0	0.8	0.8	7.8
14	18.2	26.5	19.6	88.7	20.541	17.9	0.4	0.0	0.4	5.2
15	14.5	26.0	19.5	86.3	19.510	17.0	0.0	0.0	0.0	5.4
16	16.0	25.5	19.1	87.5	19.202	16.8	4.2	0.0	4.2	3.9
17	16.0	25.6	19.7	82.4	19.048	16.7	0.0	0.0	0.0	6.7
18	13.6	28.3	20.6	80.9	19.118	16.7	0.0	0.0	0.0	7.7
19	16.0	25.5	21.2	82.8	21.007	18.3	0.0	0.0	0.0	4.4
20	15.1	25.0	18.2	93.3	19.702	17.2	7.2	0.0	7.2	4.3
21	14.3	26.6	19.9	82.4	18.963	16.7	0.0	17.2	17.2	4.8
22	15.5	26.3	20.1	82.4	19.275	16.9	1.1	0.0	1.1	6.8
23	16.0	26.0	20.5	86.4	21.067	18.3	0.0	0.0	0.0	5.8
24	17.0	23.6	19.8	88.3	20.777	18.1	0.0	0.0	0.0	1.5
25	15.9	26.4	20.0	82.5	19.157	16.8	1.3	0.0	1.3	5.7
26	17.0	25.1	20.3	85.6	20.301	17.7	0.0	0.0	0.0	5.7
27	16.6	25.6	18.9	92.9	20.962	18.2	6.6	0.0	6.6	5.6
28	16.8	26.0	20.5	83.1	20.104	17.6	0.0	0.0	0.0	5.8
29	16.8	26.3	20.9	82.3	20.661	18.0	0.0	0.0	0.0	7.5
30	17.1	26.3	20.8	81.6	20.219	17.7	0.0	0.0	0.0	6.5
PROM	16.8	26.1	20.3	84.5	20.157	17.6	24.4	22.5	46.9	157.3

ESTACION: JULIO FERNANDEZ MUNICIPIO: RESTREPO AÑO: 1.982

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	17.0	27.0	20.4	85.2	20.333	17.7	1.8	0.0	1.8	3.7
2	16.3	26.4	20.8	82.8	20.096	17.5	0.0	0.0	0.0	1.5
3	17.0	25.6	19.8	80.8	18.572	16.3	0.0	0.6	0.6	3.3
4	17.1	25.6	19.7	83.4	19.249	16.9	0.0	20.9	20.9	5.4
5	16.3	25.4	20.2	81.9	19.532	17.1	0.0	0.0	0.0	5.3
6	17.0	25.8	20.2	82.4	19.487	17.1	0.3	0.1	0.4	1.7
7	17.5	25.4	19.9	84.8	19.681	17.2	0.0	0.0	0.0	7.4
8	17.0	25.5	20.6	82.9	19.896	17.4	0.5	0.2	0.7	3.9
9	17.0	26.6	20.9	76.5	18.902	16.6	0.0	0.0	0.0	8.9
10	18.0	26.0	21.3	82.6	21.123	18.4	0.0	0.0	0.0	7.5
11	17.3	25.1	20.2	84.4	20.243	17.7	0.0	5.5	5.5	3.0
12	16.3	23.5	19.2	85.5	19.432	17.0	0.0	0.0	0.0	1.6
13	17.0	25.6	20.5	80.9	19.067	16.6	0.0	0.0	0.0	8.5
14	17.5	27.5	21.0	80.1	19.973	17.4	0.0	0.0	0.0	6.6
15	17.3	27.0	20.7	81.1	20.045	17.5	0.0	0.0	0.0	6.1
16	17.5	25.0	20.6	81.9	20.054	17.6	0.0	0.0	0.0	7.5
17	14.0	26.1	19.9	83.2	19.152	16.8	0.0	0.0	0.0	2.0
18	16.8	24.4	20.7	79.5	19.739	17.3	0.0	0.0	0.0	4.8
19	17.0	25.0	19.9	85.9	20.433	17.9	0.0	0.0	0.0	2.0
20	17.0	24.1	19.5	81.0	18.384	16.2	0.0	2.3	2.3	4.5
21	16.0	24.1	19.8	82.6	18.872	16.6	0.0	0.0	0.0	8.7
22	17.2	27.9	21.3	73.2	18.751	16.5	0.0	0.0	0.0	6.3
23	17.4	27.5	20.7	77.8	19.237	16.9	0.0	0.0	0.0	5.9
24	17.4	26.5	20.0	81.0	18.798	16.5	0.0	0.0	0.0	5.4
25	19.1	26.3	21.2	75.8	19.487	17.1	0.0	0.0	0.0	6.9
26	14.4	24.2	19.3	82.4	18.452	16.2	0.0	1.0	1.0	4.7
27	16.9	24.4	19.2	81.3	17.930	15.7	0.0	3.4	3.4	4.5
28	18.5	25.0	20.3	77.7	18.625	16.4	0.0	5.9	5.9	4.7
29	16.1	24.8	18.7	89.5	19.264	16.9	0.7	0.4	1.1	4.4
30	16.8	26.2	19.6	85.3	19.421	17.0	0.0	0.0	0.0	6.9
31	17.6	27.2	20.6	82.4	19.990	17.5	0.0	0.0	0.0	8.1
PROM.	16.9	25.7	20.2	81.8	19.426	17.0	3.3	40.3	43.6	161.7

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	26.6	20.7	82.4	20.106	17.6	0.0	0.0	0.0	9.0
2	17.2	27.1	19.8	85.9	20.242	17.7	0.0	0.0	0.0	7.6
3	17.9	26.2	20.1	85.1	20.070	17.6	0.0	0.0	0.0	6.9
4	15.9	28.2	19.9	84.3	19.662	17.2	0.0	0.0	0.0	7.5
5	17.0	26.0	20.1	85.5	20.327	17.8	0.0	0.0	0.0	8.3
6	17.3	23.2	19.2	82.7	18.251	16.0	0.3	0.0	0.3	5.2
7	17.1	23.8	18.3	95.5	20.466	17.8	0.0	0.0	0.0	6.4
8	15.6	24.0	18.1	96.0	20.297	17.6	3.2	0.0	3.2	2.5
9	16.0	26.5	20.4	84.2	20.145	17.6	0.0	0.0	0.0	9.6
10	18.7	28.4	21.2	79.7	20.295	17.7	0.0	0.0	0.0	6.2
11	18.0	26.4	21.1	83.3	20.980	18.2	0.0	9.6	9.6	8.7
12	16.0	28.3	20.2	77.7	17.916	15.7	0.0	0.0	0.0	6.4
13	15.0	29.5	21.7	78.0	19.856	17.4	0.0	0.0	0.0	9.1
14	15.6	27.6	21.0	78.1	18.955	16.5	0.0	0.0	0.0	8.8
15	18.0	29.5	21.5	74.5	18.272	15.8	0.0	0.6	0.6	2.1
16	17.0	26.9	21.1	77.2	18.996	16.6	0.0	0.0	0.0	4.0
17	16.4	28.0	20.3	80.1	18.519	16.2	0.0	0.0	0.0	6.8
18	17.5	27.5	20.9	72.8	17.618	15.2	0.0	0.0	0.0	4.5
19	16.3	26.5	21.1	77.6	19.075	16.6	0.0	0.0	0.0	4.7
20	18.0	26.0	21.2	77.8	19.272	16.8	0.0	0.0	0.0	0.7
21	16.2	26.8	20.4	79.4	18.545	16.2	0.0	0.0	0.0	4.8
22	17.3	28.5	21.3	73.6	17.720	15.0	0.0	0.0	0.0	8.3
23	18.5	28.3	21.9	74.2	18.868	16.2	0.0	0.0	0.0	5.5
24	18.0	27.2	21.2	78.0	19.432	17.0	0.0	0.0	0.0	3.4
25	18.0	26.0	20.7	78.7	19.069	16.6	0.0	0.0	0.0	4.3
26	17.1	26.9	21.3	72.6	17.886	15.4	0.0	0.0	0.0	5.9
27	18.4	27.5	21.4	77.0	19.221	16.7	0.0	0.0	0.0	6.7
28	18.2	26.2	20.2	81.3	19.196	16.7	0.0	0.0	0.0	0.5
29	15.4	27.4	21.5	72.6	18.527	16.2	0.0	0.0	0.0	6.4
30	18.1	25.8	20.4	76.9	17.963	15.6	0.0	0.0	0.0	1.5
31	15.0	26.6	20.0	80.7	18.862	16.5	0.0	0.0	0.0	3.7
PROM	17.0	26.9	20.6	80.1	19.183	16.7	3.5	10.2	13.7	176.0

ESTACION: JULIO FERNANDEZ MUNICIPIO: RESTREPO AÑO: 1.982

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.2	27.0	21.0	74.7	17.863	15.4	0.0	0.0	0.0	6.4
2	18.1	28.6	21.3	79.8	19.867	17.2	0.0	0.0	0.0	4.1
3	17.9	25.3	20.7	80.5	19.422	16.9	0.0	0.0	0.0	4.2
4	16.4	26.0	21.3	73.5	18.564	16.1	0.0	0.0	0.0	2.9
5	17.0	26.6	20.5	77.7	18.418	16.1	0.0	0.0	0.0	2.8
6	17.6	27.8	20.9	75.9	18.246	15.9	0.0	0.0	0.0	6.2
7	14.4	27.9	20.6	75.3	17.218	14.8	0.0	0.0	0.0	7.3
8	18.0	26.9	20.8	80.3	19.539	17.0	0.0	0.0	0.0	2.1
9	17.4	25.7	20.4	80.8	19.521	17.0	0.0	0.0	0.0	1.9
10	17.8	25.7	20.4	77.5	18.672	16.2	0.0	0.0	0.0	0.5
11	16.9	25.9	19.2	94.7	20.996	18.3	12.8	0.2	13.0	1.7
12	16.4	29.9	21.7	71.9	17.935	15.4	0.0	1.0	1.0	0.0
13	17.4	27.6	21.2	75.4	18.570	16.0	0.0	19.2	19.2	0.0
14	17.6	25.4	19.6	85.0	19.281	16.9	2.0	18.3	20.3	0.0
15	17.0	22.6	18.5	87.0	18.662	16.4	0.2	1.9	2.1	0.6
16	15.6	25.2	19.5	79.3	17.504	15.2	0.0	5.3	5.3	1.3
17	17.0	24.2	19.0	84.1	18.467	16.2	3.3	0.0	3.3	0.4
18	17.0	28.0	20.2	77.9	17.885	15.6	0.0	37.8	37.8	6.6
19	16.8	24.0	19.3	82.0	18.114	15.8	0.6	0.0	0.6	0.0
20	15.9	25.1	19.1	83.8	18.354	16.1	0.0	0.0	0.0	2.4
21	17.4	27.4	20.2	81.1	18.961	16.5	0.0	0.0	0.0	4.8
22	17.2	27.8	20.6	75.5	18.150	15.8	0.0	0.0	0.0	6.5
23	18.0	24.5	19.9	80.4	18.806	16.4	0.2	1.1	1.3	3.4
24	17.0	23.7	19.6	76.7	17.263	15.1	0.0	0.0	0.0	4.5
25	15.9	24.7	18.8	80.4	17.218	15.0	0.1	0.3	0.4	1.4
26	14.0	25.9	19.0	77.5	16.521	14.2	0.0	0.0	0.0	3.4
27	15.9	27.0	21.4	78.4	19.437	17.0	0.0	1.7	1.7	6.5
28	17.9	23.4	19.0	82.5	18.018	15.6	0.0	0.0	0.0	0.6
29	15.0	28.0	19.6	78.3	17.074	14.8	0.0	22.0	22.0	5.2
30	18.1	26.6	20.0	81.6	18.845	16.4	0.4	0.4	0.8	3.6
PROM.	16.8	26.1	20.1	79.7	18.446	16.0	19.6	109.2	128.8	91.3

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	24.5	18.5	93.6	20.414	17.8	0.3	4.3	4.6	0.9
2	16.9	25.8	19.4	81.5	18.241	16.0	0.0	9.6	9.6	5.4
3	16.6	24.6	18.4	86.1	18.222	16.0	17.0	0.1	17.1	0.5
4	16.0	27.4	20.4	77.2	17.951	15.5	1.3	18.7	20.0	5.2
5	17.0	27.5	20.0	80.1	18.256	15.9	0.0	0.0	0.0	5.1
6	17.8	27.9	20.1	80.7	18.774	16.4	0.0	0.0	0.0	6.8
7	17.9	27.0	19.7	86.1	19.810	17.4	0.0	0.0	0.0	2.7
8	16.4	23.2	18.3	89.6	19.173	16.9	15.1	0.0	15.1	1.1
9	14.8	25.5	19.5	82.7	18.653	16.4	0.0	12.6	12.6	5.7
10	17.3	26.6	19.6	80.6	18.377	16.1	0.0	0.0	0.0	3.1
11	17.2	26.8	20.6	76.5	17.860	15.5	0.0	6.8	6.8	7.8
12	16.3	25.0	18.5	82.3	17.468	15.3	3.0	0.0	3.0	2.6
13	15.6	28.6	20.4	76.8	17.437	15.2	0.0	0.0	0.0	5.6
14	18.2	27.6	21.1	84.5	21.023	18.3	0.3	0.0	0.3	4.9
15	16.3	25.8	19.5	80.9	18.116	15.8	0.2	0.7	0.9	6.4
16	17.0	27.4	19.6	81.4	18.664	16.4	0.0	0.0	0.0	4.6
17	16.6	26.5	20.5	78.6	18.307	15.9	0.0	0.0	0.0	6.8
18	16.3	26.0	20.6	86.8	21.103	18.3	0.0	0.3	0.3	6.9
19	17.8	25.5	19.7	85.9	20.264	17.6	0.0	0.0	0.0	2.4
20	16.4	22.6	18.4	82.0	17.364	15.2	0.0	0.0	0.0	0.0
21	14.9	26.2	19.0	79.7	17.178	15.0	0.0	6.3	6.3	7.9
22	17.1	24.1	18.6	93.8	20.354	17.8	4.0	1.3	5.3	1.3
23	16.1	24.0	19.0	93.8	20.818	18.1	3.7	7.8	11.5	0.4
24	17.4	23.8	19.2	91.5	20.641	18.0	7.8	0.0	7.8	0.8
25	17.0	25.2	19.6	82.1	18.676	16.3	0.0	1.2	1.2	2.1
26	17.2	25.8	19.5	79.8	18.172	15.9	0.2	0.5	0.7	2.8
27	15.0	23.8	17.8	87.3	18.025	15.9	0.0	0.0	0.0	1.5
28	13.9	25.4	18.7	83.5	17.788	15.6	0.0	0.0	0.0	5.3
29	15.1	24.5	19.2	89.1	19.712	17.3	0.0	0.0	0.0	2.8
30	15.3	26.4	19.6	81.8	18.247	15.9	0.0	0.0	0.0	2.4
31	17.0	26.1	20.3	81.4	19.019	16.6	0.0	9.2	9.2	6.8
PROM	16.5	25.7	19.5	83.8	18.836	16.5	52.9	79.4	132.3	118.6

ESTACION: JULIO FERNANDEZ MUNICIPIO: RESTREPO AÑO: 1.982

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

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	24.0	19.4	85.0	19.147	16.8	0.0	1.0	1.0	0.0
2	16.3	25.1	18.9	83.2	18.030	15.7	0.0	0.0	0.0	2.2
3	15.3	24.7	18.5	92.5	19.675	17.2	24.8	3.4	28.2	2.0
4	15.4	24.3	17.7	91.5	18.753	16.5	1.2	0.8	2.0	1.4
5	15.8	25.0	19.8	88.5	20.649	18.0	1.1	0.0	1.1	2.4
6	17.0	26.9	20.4	79.3	18.602	16.2	0.0	0.0	0.0	8.7
7	15.0	26.0	19.8	82.0	19.200	16.8	2.5	0.0	2.5	5.7
8	17.2	26.5	20.3	90.8	21.646	18.7	0.5	0.0	0.5	5.2
9	18.0	27.9	21.9	75.2	19.407	16.9	0.0	0.0	0.0	8.9
10	17.2	24.4	19.4	87.2	19.925	17.4	11.4	0.0	11.4	1.2
11	15.2	24.0	18.5	92.8	19.820	17.3	20.0	0.0	20.0	2.5
12	17.4	25.6	19.5	82.3	18.720	16.4	9.6	0.0	9.6	2.1
13	15.1	28.1	20.8	80.2	19.310	16.8	0.0	0.0	0.0	8.5
14	15.6	28.2	21.3	82.8	20.790	18.1	0.0	0.0	0.0	5.7
15	19.0	26.6	21.0	81.7	20.488	17.8	0.0	5.9	5.9	4.2
16	17.9	24.8	20.2	86.1	20.500	17.9	0.0	0.0	0.0	0.9
17	16.9	25.4	20.0	86.8	20.202	17.7	0.0	0.0	0.0	1.0
18	16.8	24.6	18.6	94.4	20.720	18.1	12.2	0.9	13.1	0.6
19	14.0	26.1	19.6	82.3	18.312	16.0	0.0	0.0	0.0	3.9
20	17.4	23.8	19.8	86.6	20.414	17.8	2.7	0.0	2.7	0.2
21	17.1	25.2	19.7	81.2	18.498	16.1	0.0	1.2	1.2	1.8
22	17.1	23.5	19.1	86.4	19.196	16.8	0.6	0.0	0.6	3.1
23	12.9	26.0	18.7	80.4	16.703	14.5	0.0	0.0	0.0	5.0
24	16.0	26.2	19.7	84.6	19.222	16.9	0.4	9.7	10.1	4.4
25	17.0	23.2	18.9	85.7	18.866	16.5	0.0	0.0	0.0	1.6
26	15.9	25.8	20.0	81.5	18.694	16.4	0.0	0.0	0.0	7.6
27	14.5	25.0	19.2	86.0	18.876	16.5	0.0	0.0	0.0	6.2
28	16.6	24.1	19.2	91.9	20.495	17.8	2.1	0.0	2.1	3.1
29	17.0	26.0	20.1	81.6	18.973	16.6	0.0	0.0	0.0	7.4
30	17.0	27.0	20.2	82.2	19.250	16.8	0.0	0.0	0.0	7.6
PROM.	16.3	25.5	19.7	85.1	19.436	17.0	89.1	22.9	112.0	115.1

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	26.0	20.6	85.3	20.808	18.1	0.8	0.0	0.8	3.4
2	18.0	26.2	20.0	85.1	19.962	17.4	0.0	0.0	0.0	1.0
3	18.0	26.8	21.2	79.3	19.559	17.0	0.0	0.9	0.9	6.1
4	18.0	23.1	19.6	87.3	20.027	17.5	0.0	0.1	0.1	0.0
5	16.9	24.4	19.0	93.1	20.886	18.2	7.3	0.6	7.9	0.4
6	17.0	25.9	20.1	81.9	18.923	16.5	0.0	0.0	0.0	3.4
7	18.0	25.6	20.2	86.4	20.553	18.0	0.0	8.5	8.5	2.9
8	17.7	25.1	20.0	90.0	21.293	18.5	4.0	0.0	4.0	0.3
9	17.4	24.8	19.9	84.3	19.474	17.0	0.0	1.3	1.3	1.2
10	17.0	25.8	19.2	84.0	18.838	16.5	0.0	0.0	0.0	6.3
11	18.1	25.8	20.6	84.4	20.506	17.9	0.0	0.0	0.0	5.5
12	19.0	26.1	20.8	82.9	20.515	17.9	0.0	0.0	0.0	5.5
13	17.4	25.9	19.2	95.8	21.806	18.9	1.9	0.0	1.9	0.9
14	16.1	26.3	20.1	81.7	18.922	16.6	0.0	0.0	0.0	5.8
15	16.9	26.2	20.6	84.2	20.238	17.7	0.0	28.4	28.4	7.3
16	16.9	25.9	20.0	85.2	19.755	17.2	0.0	0.0	0.0	
17	17.1	25.5	19.7	84.4	19.513	17.1	0.0	0.0	0.0	
18	17.0	26.0	20.8	75.6	17.858	15.4	0.0	0.0	0.0	
19	17.3	24.8	20.4	79.4	18.542	16.1	0.0	0.5	0.5	
20	17.0	25.0	20.0	80.3	19.078	16.7	1.4	0.3	1.7	3.1
21	16.8	25.0	20.4	83.7	19.959	17.4	0.0	0.0	0.0	3.7
22	16.6	25.0	20.4	83.1	19.818	17.3	0.0	0.0	0.0	3.3
23	16.0	26.5	19.4	83.5	18.800	16.5	0.0	6.2	6.2	6.1
24	16.8	24.8	19.7	89.8	20.708	18.0	0.6	0.0	0.6	0.6
25	17.0	25.6	20.4	82.0	19.116	16.6	6.1	0.0	6.1	5.3
26	16.0	26.0	20.1	81.7	18.881	16.5	0.0	0.4	0.4	6.8
27	16.3	22.2	18.8	96.2	21.408	18.6	1.3	0.4	1.7	0.0
28	15.1	24.8	19.8	82.2	18.579	16.2	0.0	0.0	0.0	3.5
29	15.2	24.5	18.9	84.5	18.169	15.9	0.0	0.0	0.0	0.2
30	15.0	27.2	24.2	58.9	15.361	13.3	0.0	0.0	0.0	7.2
31	16.2	26.1	23.4	72.7	19.355	17.0	0.0	0.0	0.0	7.7
PROM	17.0	25.4	20.2	83.5	19.587	17.1	23.4	47.6	71.0	

ESTACION: JULIO FERNANDEZ MUNICIPIO RESTREPO AÑO: 1.982

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	15.8	25.3	19.6	14.0	27.1	84.7	19.408	17.0	60.2	15	173.4
FEBRERO	16.7	25.9	19.9	14.0	27.0	80.0	18.595	16.3	84.1	13	115.2
MARZO	16.9	25.7	20.2	15.0	27.6	81.8	19.398	17.0	97.9	11	
ABRIL	16.9	25.4	19.9	15.0	28.0	84.5	19.671	17.2	189.8	20	
MAYO	17.6	25.0	19.9	16.6	28.0	86.3	20.110	17.6	209.3	27	91.9
JUNIO	16.8	26.1	20.3	13.6	28.3	84.5	20.157	17.6	46.9	10	157.3
JULIO	16.9	25.7	20.2	14.0	27.9	81.8	19.426	17.0	43.6	11	161.7
AGOSTO	17.0	26.9	20.6	15.0	29.5	80.1	19.183	16.7	13.7	4	176.0
SEPTIEMBRE	16.8	26.1	20.1	14.0	29.9	79.7	18.446	16.0	128.3	14	91.3
OCTUBRE	16.5	25.7	19.5	13.9	28.6	83.8	18.836	16.5	132.3	18	118.6
NOVIEMBRE	16.3	25.5	19.7	12.9	28.2	85.1	19.436	17.0	112.0	16	115.1
DICIEMBRE	17.0	25.4	20.2	15.0	27.2	83.5	19.587	17.1	71.0	16	
PROMEDIO	16.8	25.7	20.0	14.4	28.1	83.0	19.354	16.9			
TOTAL									1189.6	175	

ESTACION: MESITAS DE SANTA INES MUNICIPIO: CACHIPAY AÑO: 1.982

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

LLUVIA EN MILIMETROS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	37.4	15.4	0.7	1.0	81.3	0.0	0.0	0.0	0.0	0.0	0.0	1.9
2	13.5	0.2	1.4	75.0	0.0	0.0	3.8	0.0	0.0	0.0	11.9	0.0
3	23.7	0.0	14.6	0.8	9.9	0.0	0.0	0.0	0.0	0.0	21.6	0.0
4	9.4	0.0	25.6	43.9	2.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0
5	21.8	7.1	2.3	23.3	1.5	0.0	0.0	0.0	0.0	4.0	8.6	0.0
6	7.9	3.5	4.8	9.2	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0
7	8.5	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0	19.3	0.1	1.8
8	0.0	0.0	0.0	12.5	0.0	0.0	2.1	0.0	0.0	0.6	0.0	0.3
9	17.2	0.0	0.2	23.3	0.0	0.0	0.0	0.0	0.1	17.5	0.0	0.0
10	0.0	0.7	0.3	8.5	0.0	0.0	0.0	0.0	15.4	18.8	0.0	13.7
11	0.0	3.4	3.1	36.4	8.0	0.9	0.0	0.0	24.5	7.8	0.1	2.9
12	0.0	7.2	0.0	21.7	0.3	0.0	0.0	0.0	3.7	0.0	0.0	0.0
13	0.0	0.0	0.0	6.7	0.0	1.5	0.0	0.0	3.9	0.0	0.0	7.3
14	0.0	18.6	0.0	0.0	0.9	5.3	0.0	0.0	3.0	0.0	0.0	0.0
15	1.8	7.3	1.4	0.0	0.0	0.0	0.0	0.0	39.1	0.0	0.0	0.0
16	0.3	0.8	21.5	4.7	0.0	1.1	0.0	0.0	3.5	0.0	0.0	0.6
17	21.3	3.0	8.4	47.4	1.8	0.0	0.0	0.0	1.3	0.2	8.5	6.2
18	0.0	6.4	5.2	104.9	1.4	0.0	0.0	0.0	0.3	0.0	0.0	21.3
19	0.0	0.5	7.0	7.0	0.0	0.0	0.0	0.3	0.0	4.0	0.0	18.3
20	0.0	0.0	3.1	1.0	4.0	2.7	0.0	1.7	0.0	0.9	3.1	0.0
21	0.0	6.3	0.0	4.2	7.6	0.1	0.0	0.0	0.0	34.9	3.2	0.4
22	0.0	0.0	0.0	0.0	1.4	0.0	0.6	0.0	0.0	9.5	22.7	0.0
23	0.0	7.5	0.0	0.6	0.0	0.0	0.0	0.0	0.0	22.8	2.5	0.0
24	0.1	0.0	2.4	0.0	1.4	0.0	0.0	0.0	0.3	42.4	0.0	16.9
25	0.0	0.3	11.6	0.2	0.0	0.0	0.0	0.0	21.7	0.0	0.0	0.0
26	2.5	0.0	0.0	0.0	1.9	0.0	2.8	0.0	0.0	0.0	20.8	0.3
27	1.2	0.0	12.9	3.1	0.0	3.5	1.8	0.0	22.1	0.0	1.8	17.8
28	0.6	3.1	17.0	5.7	19.0	0.0	1.8	0.0	20.8	0.0	0.7	0.0
29	0.0		26.2	1.2	10.2	0.0	0.0	0.0	3.0	0.0	7.5	48.3
30	0.0		0.0	15.4	0.0	0.0	0.0	0.0	2.3	0.9	0.0	0.9
31	0.0		1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Total	167.2	91.3	170.8	457.7	153.3	24.6	13.1	1.7	164.0	183.6	115.3	159.2
D.LI.	15	17	21	24	16	8	7	1	16	14	15	17

TOTALES ANUALES 1701.8 m.m. 171 D.LI.

BRILLO SOLAR EN HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	1.1	4.9	2.1	2.0	2.9	7.2	4.8	5.5	1.0	3.0	1.2
2	1.4	3.9	4.8	2.2	3.2	7.9	2.2	5.1	7.6	3.9	3.7	3.6
3	0.9	4.3	2.5	4.2	4.7	6.2	3.8	6.8	5.5	0.8	3.5	6.7
4	0.7	4.2	3.6	0.0	6.7	4.1	7.6	9.6	4.9	4.1	2.0	0.2
5	2.1	2.1	4.5	7.2	4.9	0.0	7.5	6.0	2.4	5.7	5.3	0.5
6	5.1	6.0	3.6	2.8	1.7	4.8	2.3	5.1	6.0	7.8	0.6	1.7
7	3.1	0.8	5.6	3.1	1.8	8.2	4.3	1.7	6.2	2.7	5.0	1.4
8	8.1	4.4	5.8	1.2	4.5	2.7	3.7	1.9	6.3	4.4	5.0	0.3
9	4.7	3.8	7.8	0.0	1.2	5.1	6.7	8.5	1.9	2.9	7.9	2.4
10	4.9	1.9	4.3	1.3	0.9	5.3	4.1	9.0	0.0	2.6	4.9	2.3
11	4.7	3.4	1.7	3.0	4.0	5.0	7.6	8.7	2.5	5.3	0.7	1.1
12	6.1	2.0	1.7	3.7	6.0	1.6	1.7	6.0	4.4	6.9	1.1	1.4
13	5.2	2.4	4.3	2.5	4.9	6.2	3.4	5.2	5.0	7.0	4.8	0.7
14	7.4	6.2	0.9	2.7	0.6	0.0	9.1	5.8	4.7	8.3	5.2	5.2
15	4.9	0.0	1.8	5.3	5.6	6.6	10.2	0.0	3.6	8.3	5.2	5.9
16	7.7	2.5	2.4	1.6	2.8	5.7	6.8	9.2	4.0	2.6	0.9	7.0
17	5.2	4.9	4.4	3.7	1.5	5.1	3.3	7.8	1.0	5.8	0.4	0.1
18	7.4	1.7	0.4	3.3	1.0	1.7	2.9	5.7	3.4	0.0	1.6	1.6
19	9.2	3.3	1.7	2.9	1.8	5.9	1.6	8.0	0.8	3.4	4.3	0.1
20	9.9	2.1	0.1	3.3	3.4	0.0	4.4	1.1	3.2	1.5	1.5	1.4
21	9.3	0.6	3.5	1.8	0.3	4.3	8.0	8.3	4.7	2.0	5.2	3.9
22	7.0	3.3	4.0	8.6	1.7	6.4	6.0	10.1	3.8	3.0	3.3	3.7
23	9.2	3.2	4.2	1.7	0.6	6.4	6.5	6.2	6.4	4.0	1.7	4.2
24	7.0	2.2	2.3	1.0	2.1	6.2	6.1	4.9	3.8	1.1	3.4	5.3
25	7.0	2.6	5.3	6.4	2.3	0.0	7.8	7.2	3.8	1.9	4.3	6.1
26	8.5	5.3	6.3	2.7	1.0	9.2	0.0	4.7	2.4	2.9	4.2	0.0
27	2.4	3.2	4.9	6.9	2.7	3.3	1.3	7.1	5.4	3.7	8.6	0.3
28	1.9	1.4	1.2	1.7	0.0	0.0	3.5	3.3	6.2	2.5	4.8	0.8
29	2.2	0.0	0.5	4.0	5.1	0.0	4.9	4.9	5.0	4.1	5.1	1.1
30	5.8	0.0	7.6	0.0	7.9	6.5	7.3	3.9	2.5	3.3	4.7	1.0
31	0.0	0.0	1.2	0.0	3.2	0.0	3.5	2.8	0.0	4.2	0.0	6.3
Total	159.0	82.8	107.8	90.9	90.1	133.3	160.3	179.4	122.9	117.7	111.9	77.5

TOTAL ANUAL -1433.6

ESTACION: LA UNION MUNICIPIO: LA UNION ANO. 1.982

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

LLUVIA EN MILIMETROS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	8.0	22.0	0.0	0.0				0.0	0.0	4.7	0.0
2	18.0	50.0	7.0	0.0	0.0				0.0	40.7	13.6	0.0
3	19.0	0.0	2.0	0.0	0.0				0.0	11.9	6.0	15.7
4	28.0	0.0	1.0	9.0	0.0				0.0	3.2	0.0	55.6
5	17.0	5.0	3.0	3.0	0.0				0.0	3.1	2.0	12.7
6	0.0	10.0	1.0	35.0	17.0				0.0	0.7	0.0	30.3
7	9.0	0.0	17.0	9.0	0.0				0.0	18.0	3.8	6.3
8	1.0	0.0	16.0	37.0	0.0				0.1	0.0	0.0	11.6
9	1.0	0.0	0.0	0.0	0.0				0.0	2.2	0.0	0.0
10	22.0	0.0	3.0	0.0	0.0				0.0	0.3	0.0	6.1
11	0.0	11.0	13.0	41.0	0.0				0.0	0.8	3.5	0.0
12	0.0	32.0	0.0	1.0	0.0				0.1	6.1	4.4	20.0
13	0.0	19.0	0.0	0.0	2.0				0.0	0.0	0.0	0.3
14	0.0	2.0	0.0	0.0	16.0				0.0	0.5	0.0	0.0
15	0.0	2.0	42.0	0.0	1.0				21.9	29.0	44.6	0.0
16	2.0	0.0	17.0	0.0	5.0				18.8	0.0	8.9	0.0
17	8.0	0.0	18.0	6.0	33.0				23.5	11.0	3.1	0.0
18	0.0	0.0	2.0	0.0	13.0				12.0	0.0	0.8	0.0
19	0.0	0.0	0.0	0.0	37.0				9.3	50.7	0.4	13.7
20	0.0	0.0	1.0	19.0	44.0				0.0	16.5	54.8	18.0
21	0.0	0.0	0.0		14.0				0.0	29.1	0.0	61.3
22	0.0	0.0	0.0		28.0				0.0	0.0	0.0	2.9
23	0.0	0.0	0.0		0.0				2.0	0.0	0.0	32.6
24	0.0	0.0	6.0		34.0				0.7	38.0	14.3	9.2
25	6.0	0.0	0.0		5.0				7.2	0.0	0.3	0.0
26	9.0	0.0	20.0		16.0				0.0	13.1	19.3	0.0
27	13.0	0.0	14.0		5.0				0.0	15.9	3.3	19.7
28	3.0	0.0	0.0		9.0				4.9	0.0	0.0	0.0
29	6.0	0.0	0.0		0.0				0.3	0.0	0.0	26.5
30	0.0	0.0	0.0		0.0				0.0	0.0	0.0	0.0
31	24.0	0.0	0.0		0.0				0.0	1.2	0.0	0.0
Total	186.0	139.0	205.0		279.0				100.8	292.0	187.8	342.5
D.LI.	16	9	18		16				12	20	17	17

TOTALES ANUALES m.m. D.LI.

BRILLO SOLAR EN HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	4.7	1.8	0.2	5.5	0.0				4.8	5.7	0.0	4.4
2	1.8	3.4	0.0	4.1	8.4				6.2	5.6	1.6	2.7
3		3.5		0.2					8.4	0.9	6.4	4.8
4	0.0	2.6	7.1	0.8	6.3				6.1	5.8	0.0	1.5
5	0.3	4.3	4.6	0.0	1.9				8.5	4.9	9.1	1.7
6	1.1		1.7	2.7	3.7				4.5	4.3	7.8	4.5
7	1.8	3.2	1.5	0.0	6.2				8.0	3.2	4.9	3.7
8	4.3	2.6	5.9	4.6	3.9				8.5	5.5	7.2	1.4
9	5.2	5.6	0.9	0.0	2.5				7.2	0.4	9.9	4.8
10	4.8	4.7	0.8	0.4	3.3				4.9	4.4	6.3	4.5
11	0.3	2.5	3.0	0.4					5.2	1.9	3.4	4.2
12	3.7	4.5	2.8	5.1	1.8				7.7	4.4	3.4	3.8
13	3.9	0.6	1.3	4.9	9.2				5.6	6.0	9.0	1.5
14	7.1	4.2	2.3	7.2	5.2				3.9		7.4	7.7
15		0.9	3.1	6.2	3.9				3.1		7.0	4.6
16		1.0	3.3	9.1	2.5				4.2	8.1	2.9	4.2
17	4.3		0.2		0.0				9.7	6.8	3.2	9.1
18	2.6		0.4	3.4	2.2				4.8	3.9	5.8	4.9
19	5.1		1.0		1.1				4.3	7.1	2.2	5.6
20	9.8		3.1	1.4	0.6				7.0	4.4	0.5	2.5
21	8.2		5.6		0.4				7.0		4.1	5.9
22			8.5		0.0				7.2	5.2	3.5	5.8
23	5.2								6.7		1.4	7.3
24	7.1		2.5		0.6				1.1		5.8	4.0
25	5.5		4.0		0.8				2.9	3.5	4.4	4.1
26	1.9		6.1		0.1				0.4	2.5	7.5	8.9
27	3.1		1.0		1.9				4.7	6.0	8.1	0.0
28	1.5		2.3		0.3				1.3	7.0	7.6	2.4
29	0.7	0.0	1.8		0.4				4.1		7.6	2.6
30	0.3	0.0	2.0		1.6				3.5	5.3	8.8	5.9
31	1.5	0.0	4.9	0.0	5.4				0.0	4.4	0.0	9.2
Total									161.5		156.8	138.2

TOTAL ANUAL -

ESTACION: EL SENA MUNICIPIO: ARMENIA ANO 1.982

ALTITUD: 1.550 LATITUD: 4-32 N. LONGITUD 75-40 W.

LLUVIA EN MILIMETROS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	25.6	0.7	20.8	5.8	7.4	0.0		0.0	0.0	15.4	33.0	4.0
2	50.4	16.3	3.6	0.0	0.7	0.0		0.0	0.0	37.9	21.3	6.9
3	17.7	0.0	0.9	2.5	18.4	0.0		0.0	0.0	16.8	40.8	1.3
4	13.3	5.1	27.9	8.2	1.5	0.0		0.0	0.0	2.6	7.0	0.0
5	34.5	13.1	7.1	0.0	0.0	0.0		0.0	0.0	9.6	10.0	3.0
6	53.7	15.6	11.0	0.0	0.0	0.0		0.7	0.0	4.4	22.4	1.3
7	16.9	2.1	7.7	5.9	0.0	0.0	0.0	0.0	0.0	20.5	29.4	21.8
8	8.5	2.3	13.1	14.2	7.5	0.0	0.9	1.2	0.0	0.0	5.2	1.1
9	9.1	9.3	0.0	2.6	6.6	18.8	0.0	0.0	7.3	45.4	0.0	0.0
10	7.4	8.0	8.8	3.0	0.0	0.2	0.0	0.0	2.1	0.0	37.2	0.5
11	10.3	9.9	2.2	97.8	29.0		0.0	0.0	0.3	15.6	6.1	0.0
12	6.5	40.0	0.0	2.6	0.0		0.0	0.0	0.0	1.0	14.6	9.0
13	0.0	23.2	3.1	0.0	3.4		0.0	0.0	7.7	0.0	3.4	0.0
14	0.3	35.6	18.8	0.2	0.0		0.0	0.0	0.0	2.2	0.0	0.0
15	0.0	17.9	31.0	0.0	15.7		0.0	0.0	0.0	1.0	0.0	0.0
16	0.0	16.0	32.3	60.1	1.6		0.0	0.0	9.8	0.2	49.5	29.3
17	0.0	3.1	7.8	61.0	3.3		0.0	0.1	6.7	0.0	7.5	0.4
18	0.0	4.7	0.7	26.9	6.5		0.0	0.0	8.3	20.0	40.7	0.0
19	0.0	1.4	12.8	0.4	4.1		0.0	0.0	2.2	0.5	8.5	23.6
20	0.0	7.2	18.5	0.0	24.8		0.5	0.0	0.0	5.0	19.5	0.6
21	1.1	0.0	0.0	2.5	9.8		0.2	0.0	0.0	19.0	12.2	16.7
22	12.8	0.0	24.9	0.0	9.2		0.0	0.0	0.0	3.5	1.5	15.7
23	0.0	8.3	0.5	39.3	1.3		0.0	0.0	1.6	53.5	0.3	9.2
24	0.0	0.7	15.9	0.0	16.5		0.0	0.0	15.0	18.4	0.0	40.5
25	2.3	3.8	2.0	8.9	4.7		0.0	0.0	38.1	1.3	0.0	12.3
26	10.6	1.2	2.4	58.3	7.0		0.0	0.0	0.0	10.0	8.7	105.1
27	7.5	7.9	2.0	0.4	17.8		2.2	0.0	6.5	0.0	1.9	0.2
28	0.9	6.9	0.0	35.9	0.0		12.3	0.0	1.5	0.0	1.0	0.0
29	7.2		0.3	57.8	1.0		0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		7.0	6.2	0.0		0.0	0.0	0.0	0.0	0.0	0.0
31	3.0		0.9	0.0	0.0		0.0	0.0	0.0	11.4	0.0	0.0
Total	299.6	259.6	284.0	500.5	202.8			2.0	107.1	315.2	381.7	302.5
D.Li.	21	24	27	22	22			3	13	23	23	20

TOTALES ANUALES m.m. D.Li.

BRILLO SOLAR EN HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	1.0	2.0	0.0	0.9	2.5	0.9		5.7	6.1	1.0	1.4	1.7
2	1.1	1.6	1.7	0.3	1.9	4.5		6.3	7.8	3.2	1.7	2.6
3	1.2	3.9	8.1	0.1	3.2	3.1		8.3	6.4	0.7	5.7	3.6
4	1.4	5.3	0.0	0.0	2.6	3.1		9.6	2.0	5.0	1.7	0.0
5	0.8	0.8	2.2	0.0	2.4			5.8	3.5	5.2	5.5	1.0
6	3.8	1.7	3.6	0.0	0.6	1.1		4.6	7.1	2.5	3.3	2.8
7	1.3	0.9	4.9	3.1	1.5	3.6	3.8	1.9	6.7	1.5	3.0	3.2
8	3.2	3.2	3.7	1.1	0.0	5.9	2.7	3.1	4.4	2.5	2.0	0.5
9	2.6	3.8	4.6	1.4	1.3	10.9	7.7	9.6	1.4	1.3	4.9	0.0
10	4.9	1.2	5.0	0.0	5.8		4.6	6.7	1.6	2.0	2.6	2.0
11	1.8	3.2	1.3	3.9	0.1		3.4	8.3	2.7	6.2	0.5	1.6
12	4.3	0.8	3.1	3.6	5.2		0.5	5.2	7.4	0.0	0.6	4.1
13	3.3	3.6	4.1	7.5	2.5		4.9	2.5	3.5	5.8	5.7	0.4
14	4.3	2.6	0.9	6.7	1.2		7.2	7.7	0.9	0.6	5.5	4.4
15	4.8	2.2	3.6	8.8	0.7		8.1	8.5	0.4	7.3	5.0	5.2
16	4.2	5.2	5.7	4.2	2.2		4.8	5.5	0.9	1.0	0.4	0.6
17	4.9	5.1	2.7	1.8	1.6		8.4	7.6	0.3	3.0	1.0	0.6
18	7.1	3.7	0.9	1.2	0.3		0.8	4.9	5.1	0.0	0.0	0.9
19	6.7	0.0	4.2	4.7	0.5		0.5	4.0	0.1	0.0	2.9	4.0
20	5.8	0.4	4.6	0.5	2.1		3.8	0.5	3.0	0.0	0.0	2.0
21	5.8	4.5	6.6	0.8	1.1		10.5	6.6	1.9	0.0	2.8	2.8
22	6.5	2.5	5.7	3.3	0.0		5.4	9.2	5.0	0.0	2.4	3.7
23	5.3	2.5	2.3	3.2	2.0		5.4	6.1	3.8	0.0	1.8	2.8
24	3.7	0.8	1.5	4.7	3.3		6.6	5.4	0.2	0.0	3.2	3.0
25	2.6	3.4	6.1	3.3	0.8		4.0	5.6	1.7	0.0	1.4	4.1
26	3.9	2.2	0.8	2.0	0.4		2.7	4.6	3.3	1.5	2.4	5.9
27	1.3	2.3	3.6	6.2	4.1		0.5	5.1	4.6	0.3	8.1	0.1
28	1.5	1.7	1.2	0.0	0.3		5.0	2.8	0.6	3.2	6.0	0.7
29	2.7	0.0	2.4	2.2	2.5		5.7	7.4	2.8	4.6	5.1	0.9
30	0.7	0.0	2.1	3.0	2.7		7.1	2.6	2.6	5.9	6.1	5.8
31	2.4	0.0	2.9	0.0	1.6		6.8	2.0	0.0	3.8	0.0	6.2
Total	104.9	71.1	100.1	78.5	57.0			173.3	97.8	68.1	92.7	77.2

TOTAL ANUAL -

ESTACION: AGUAS BLANCAS MUNICIPIO: SAN VICENTE ANO: 1.982

ALTITUD: 1.200 LATITUD: 6-57 N. LONGITUD: 73-26 W.

LLUVIA EN MILIMETROS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.2	5.7	5.5	0.0	2.8	0.0	5.8	0.9	0.0	0.0	1.6	0.3
2	6.5	0.0	2.1	5.6	6.1	0.1	2.6	11.7	0.0	0.3	11.4	0.0
3	1.6	2.1	0.5	5.5	13.2	0.5	0.0	0.0	22.7	10.1	0.0	8.6
4	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
5	30.0	6.7	0.0	34.5	5.7	3.8	0.0	0.0	8.8	0.0	0.0	0.0
6	11.7	0.0	0.0	0.0	52.0	28.5	2.6	8.7	4.4	0.0	2.2	0.0
7	0.0	0.0	3.0	2.3	0.8	6.2	8.4	2.6	0.0	24.2	0.6	1.7
8	0.0	0.0	0.0	28.8	1.1	0.0	0.0	0.0	0.0	3.6	0.0	0.6
9	0.0	2.2	0.0	8.4	1.8	3.5	0.0	0.0	54.7	9.8	0.0	0.0
10	6.7	5.0	0.0	0.0	38.5	0.0	0.0	4.1	0.1	6.5	0.6	0.0
11	0.1	2.0	0.0	41.1	0.0	7.5	11.7	0.0	5.3	1.1	9.4	0.0
12	0.0	11.8	0.0	1.3	1.0	1.0	8.7	8.5	3.9	1.0	0.0	0.0
13	0.0	0.0	23.8	1.8	14.6	1.4	0.0	0.0	3.9	0.0	0.0	0.0
14	0.0	0.3	0.1	0.0	2.0	0.8	0.0	2.6	0.7	0.0	0.0	0.0
15	0.2	9.7	3.7	0.0	10.6	0.0	0.0	3.0	24.2	0.0	1.3	0.0
16	0.0	39.8	0.0	4.2	0.0	6.8	0.0	0.0	0.0	19.6	0.0	0.1
17	0.0	17.6	0.0	23.1	25.1	9.2	2.5	0.1	19.1	7.3	1.5	33.5
18	0.0	22.6	0.0	11.8	0.0	0.2	10.6	3.6	0.0	0.0	0.0	8.4
19	0.0	9.7	6.1	7.9	5.2	0.0	0.4	2.7	0.0	0.0	0.0	0.0
20	0.0	15.5	0.0	0.0	1.0	60.2	0.0	70.5	2.2	12.3	0.5	0.0
21	0.0	0.0	0.0	41.9	0.0	0.0	2.4	0.0	0.0	0.0	51.4	0.0
22	0.0	0.0	17.5	0.0	32.0	0.8	9.6	0.1	0.1	33.5	5.1	0.0
23	0.0	11.9	3.0	0.2	32.0	0.4	0.0	5.0	0.0	31.5	8.7	0.0
24	0.0	0.0	0.0	0.0	77.2	0.0	4.7	1.2	11.3	75.4	0.0	2.5
25	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	4.1	1.2	0.0	0.0
26	0.0	0.0	19.7	16.1	32.3	0.0	9.0	0.0	0.0	0.1	0.1	11.6
27	0.0	0.0	1.6	6.6	0.0	7.4	6.5	7.4	13.3	0.3	15.3	0.5
28	1.8	4.8	23.9	0.8	10.2	0.0	0.0	0.0	0.5	3.8	0.0	1.9
29	0.1	0.0	4.0	44.5	30.0	0.0	0.6	0.0	2.4	0.0	0.0	0.0
30	0.0	0.0	0.0	6.0	2.7	1.2	0.6	1.2	5.4	0.2	0.0	0.0
31	0.8	0.0	0.0	0.0	0.2	0.0	2.6	1.5	0.0	5.8	0.0	0.0
Total	59.7	167.4	114.5	295.6	410.1	139.5	89.3	135.4	192.1	248.1	109.7	69.7
D.LI.	11	16	14	21	25	18	17	18	20	20	14	11

TOTALES ANUALES 2031.1 m.m. 205 D.LI.

BRILLO SOLAR EN HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	1.4	3.1	4.3	1.7	3.7	3.7	4.7	5.1	1.5	0.0	0.7	2.0
2	0.9	4.3	4.4	0.6	1.3	4.8	3.4	4.4	4.2	1.4	2.2	4.0
3	1.8	3.9	4.9	1.9	3.8	4.6	7.1	7.9	2.2	1.3	2.2	2.4
4	0.3	2.4	5.0	0.2	2.4	0.8	0.1	7.2	0.4	8.1	0.5	0.2
5	1.6	3.9	1.7	1.7	1.6	0.0	0.0	5.7	0.2	2.3	3.4	0.4
6	1.4	2.9	4.4	0.0	0.2	4.2	5.1	3.1	5.6	3.5	1.7	1.7
7	4.4	3.8	4.9	2.6	1.6	3.1	5.5	1.9	8.6	2.1	1.5	1.5
8	5.9	2.4	5.9	0.3	0.0	6.7	6.8	0.2	7.0	1.8	6.9	1.7
9	4.7	0.3	5.0	2.2	1.5	1.3	5.0	8.6	3.7	1.4	4.1	0.4
10	1.0	1.0	6.4	1.4	0.7	4.5	3.8	5.0	0.1	2.7	2.7	0.0
11	4.0	1.9	5.9	4.0	6.2	4.8	6.4	5.5	0.7	5.8	3.5	1.8
12	4.0	6.8	1.2	2.4	4.2	3.1	0.4	5.4	0.3	0.0	1.4	0.7
13	3.1	0.6	3.3	4.6	4.6	5.9	1.5	8.3	5.3	6.4	5.0	2.6
14	5.8	2.0	2.3	4.4	0.2	6.4	5.5	3.9	1.7	5.1	3.6	4.0
15	5.8	0.8	6.2	7.3	3.7	4.3	7.0	4.8	3.8	3.7	5.2	5.2
16	2.7	5.5	6.1	3.8	4.5	3.1	4.5	8.3	0.3	1.3	1.3	3.3
17	4.8	0.8	4.0	0.3	2.8	0.7	5.5	2.9	1.1	2.0	0.0	2.6
18	6.2	1.7	2.1	2.2	1.0	0.1	5.0	3.0	2.6	5.0	0.0	0.0
19	7.8	5.1	3.7	1.1	1.0	4.1	6.1	1.6	1.3	1.8	4.1	0.4
20	7.7	1.3	1.0	0.4	4.7	2.1	5.5	3.6	2.7	0.6	0.3	1.0
21	8.2	4.3	3.2	1.0	0.0	0.1	4.7	6.0	1.5	2.5	0.8	2.6
22	8.9	1.7	3.1	4.3	0.6	1.8	5.3	7.2	4.1	2.8	3.2	3.5
23	8.3	0.1	2.4	0.9	5.4	6.3	7.0	2.9	1.4	2.0	1.1	3.1
24	8.5	1.1	2.1	1.9	4.5	1.1	6.0	7.8	2.3	3.8	0.9	1.0
25	6.5	5.0	4.0	0.8	4.7	2.1	5.0	5.4	1.5	0.7	2.1	3.9
26	6.1	5.2	3.6	2.3	0.9	5.3	5.0	6.2	3.4	0.4	1.1	2.5
27	3.1	6.0	4.1	4.8	1.8	3.0	2.6	3.4	5.8	2.2	4.6	0.0
28	0.7	3.2	0.4	0.0	2.9	6.5	0.8	8.6	4.6	0.2	4.8	2.2
29	0.9	0.0	0.7	1.9	2.3	9.0	3.2	3.8	1.7	2.0	1.1	0.3
30	1.6	0.0	1.9	0.7	4.7	4.7	3.9	1.7	3.8	5.3	1.4	3.8
31	1.3	0.0	2.4	0.0	3.3	0.0	7.4	2.6	0.0	6.4	0.0	2.6
Total	129.4	81.3	110.6	61.7	80.8	111.2	141.8	152.0	83.4	84.6	71.4	61.4

TOTAL ANUAL -1169.6

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

ESTACION: LLANADAS — MUNICIPIO: MANZANARES — AÑO: 1.982

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	20.0	1.9	16.1	2.7	27.9	0.0	0.0	0.0	0.0	0.0	41.2	0.0
2	2.8	0.0	9.8	18.0	26.4	0.0	0.0	0.0	0.0	0.0	18.9	0.0
3	2.1	0.4	0.3	18.1	22.0	0.0	0.0	0.0	0.0	0.0	10.5	0.7
4	12.8	20.3	0.8	4.0	4.4	0.0	0.7	0.0	0.0	1.8	0.9	0.3
5	0.0	18.1	5.3	18.5	0.0	3.7	0.0	3.6	0.0	0.2	8.0	3.0
6	3.6	9.8	0.0	32.1	1.2	0.4	0.0	0.2	0.0	0.6	2.9	0.2
7	0.0	16.7	0.0	33.3	31.4	0.0	0.4	2.6	0.0	10.6	13.7	19.7
8	1.4	8.2	3.5	24.7	32.1	9.7	6.9	0.1	11.0	46.1	0.9	0.0
9	0.0	5.2	3.6	22.4	29.9	50.1	0.0	0.0	2.3	15.3	0.0	0.0
10	4.2	0.0	44.2	11.5	2.0	3.3	0.0	0.0	59.5	7.4	0.0	21.9
11	6.4	10.8	0.0	33.3	3.4	4.4	0.0	0.0	22.3	14.1	6.2	4.2
12	0.0	10.7	0.2	1.5	0.0	0.0	0.8	0.0	3.5	22.2	5.9	33.3
13	9.7	6.5	32.0	0.0	8.0	0.7	0.0	0.0	24.2	58.4	0.0	0.0
14	0.2	0.4	2.9	12.3	11.5	4.5	0.0	0.5	0.0	33.3	0.0	0.0
15	0.0	36.7	10.0	0.1	11.9	0.0	0.0	6.3	15.4	0.0	0.0	0.1
16	1.3	7.8	4.2	54.7	0.6	0.0	0.0	0.0	0.1	35.8	0.0	0.7
17	0.0	0.4	8.6	26.0	28.3	0.0	0.0	0.0	4.2	10.3	8.8	3.6
18	0.0	27.6	4.3	43.2	0.2	0.0	0.0	0.0	51.2	3.6	2.2	23.9
19	0.0	23.4	25.5	25.0	3.3	9.7	0.0	0.0	0.0	0.1	13.2	0.0
20	0.0	11.8	0.0	34.0	56.4	1.9	0.0	0.0	0.2	30.7	2.2	0.3
21	0.2	0.0	0.2	0.0	42.9	0.0	0.0	0.0	0.0	63.5	3.9	5.6
22	13.7	0.7	3.9	18.9	10.8	0.0	0.0	0.0	0.0	8.6	2.4	0.0
23	9.9	7.1	11.6	3.3	0.0	0.0	0.0	0.0	1.9	25.1	0.0	0.0
24	0.0	0.2	13.5	0.0	22.8	0.0	0.0	0.0	80.6	20.0	0.0	22.4
25	0.0	0.0	18.0	0.0	9.5	0.0	0.0	0.0	36.1	0.8	2.3	2.6
26	2.7	51.9	7.3	0.0	39.6	4.3	3.9	0.0	6.8	8.1	35.3	2.2
27	5.5	5.0	0.0	1.3	24.1	0.0	6.9	0.0	7.9	2.1	20.9	6.9
28	18.1	1.2	0.0	5.3	2.5	0.0	0.0	3.1	3.1	1.5	6.6	0.0
29	15.3		0.8	10.0	4.2	0.0	0.0	10.2	10.9	5.9	0.2	0.0
30	4.4		0.0	7.9	0.0	0.0	0.4	0.0	25.2	0.0	14.9	0.0
31	0.0		0.3	0.0	0.0	0.0	0.0	0.0	0.0	17.5	0.0	0.0
Total	134.3	282.8	226.9	462.1	457.3	92.7	20.0	26.6	366.4	444.1	222.0	151.6
D. Ll.	19	24	24	25	26	11	7	8	19	26	22	18

TOTALES ANUALES — 2886.8 mm. — 229 Días lluvia

ESTACION: SANTA ANA — MUNICIPIO: PALESTINA — AÑO: 1.982

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	15.0	0.4	0.4	0.0	0.0	16.4	2.3	8.2	12.1	0.7
2	8.3	0.0	2.1	1.4	3.5	0.4	0.0	7.6	0.0	67.9	41.4	0.5
3	3.8	2.9	12.2	19.0	8.0	1.8	0.2	0.0	0.0	3.6	4.2	0.1
4	28.0	7.5	1.6	1.7	15.7	0.0	3.7	0.0	1.6	11.1	0.0	0.0
5	10.0	6.3	17.4	58.0	0.0	7.4	1.1	0.0	4.6	0.0	8.4	0.9
6	27.0	2.8	0.5	11.9	25.6	0.0	0.0	19.7	0.0	20.7	0.3	0.0
7	10.3	2.9	0.0	2.0	2.4	22.0	4.4	46.2	0.0	0.3	0.1	1.2
8	8.2	0.0	0.0	2.2	8.9	36.6	0.2	0.2	0.0	24.0	0.0	30.4
9	1.7	14.0	0.0	6.4	31.3	0.0	0.0	0.0	1.0	9.3	0.0	1.2
10	0.0	1.7	0.0	0.0	0.9	0.0	0.0	0.0	5.0	0.0	0.0	0.2
11	0.0	0.5	6.4	56.0	42.6	13.0	0.0	0.0	2.3	30.2	65.7	5.5
12	0.0	1.0	0.2	0.0	0.0	0.0	5.6	0.0	4.7	0.6	0.2	15.5
13	0.0	13.0	0.0	0.1	1.0	33.1	0.0	0.0	44.4	15.1	0.0	0.0
14	9.6	29.5	5.0	2.9	0.0	0.0	0.0	0.0	1.9	2.5	0.0	0.0
15	0.1	6.8	2.4	5.2	0.0	0.0	0.0	5.1	2.9	0.1	5.2	0.0
16	0.0	0.0	5.3	11.6	1.4	4.6	0.0	0.0	0.9	71.2	13.4	0.0
17	0.0	0.0	0.0	8.6	34.2	0.0	0.0	0.0	4.8	2.8	0.0	13.8
18	0.0	0.0	1.2	13.1	6.1	4.6	0.5	0.0	22.6	0.5	2.4	0.0
19	0.0	7.5	17.1	0.6	14.5	0.6	34.9	0.0	2.5	29.1	8.4	0.0
20	0.0	1.4	0.0	0.4	13.5	0.0	0.0	0.0	1.1	0.4	20.3	26.2
21	0.0	0.0	5.4	0.7	4.5	35.5	0.0	0.0	0.0	22.2	0.0	0.7
22	0.0	0.0	0.8	1.3	12.7	0.0	23.6	0.0	2.9	1.5	41.2	0.3
23	0.0	0.0	21.0	0.3	5.8	0.0	0.0	0.0	12.3	19.1	0.0	0.0
24	27.0	0.0	0.4	0.0	32.8	0.0	0.0	0.0	15.4	3.3	10.1	0.0
25	0.0	0.0	0.2	1.3	2.2	17.8	0.0	0.0	3.0	39.4	5.0	0.0
26	16.0	0.8	0.6	7.1	12.8	0.6	26.2	0.0	0.0	0.0	3.5	0.0
27	19.0	0.0	6.6	2.1	0.0	0.0	24.0	0.0	5.2	1.7	14.0	0.3
28	16.0	5.8	18.2	5.8	0.0	0.0	16.0	0.0	0.5	0.2	0.0	0.0
29	0.0		7.7	15.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	1.1		0.4	11.2	23.0	0.0	0.0	0.0	0.5	1.1	0.0	0.0
31	0.3		0.0	0.0	11.9	0.0	0.0	0.0	0.0	4.7	0.0	0.0
Total	186.4	104.4	147.7	246.7	317.5	178.0	140.4	95.2	142.4	390.8	255.9	97.5
D. Ll.	16	16	23	27	25	13	12	6	22	27	18	15

TOTALES ANUALES — 2302.9 mm. — 220 Días lluvia

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

ESTACION: EL BREMEN — MUNICIPIO: CIRCASIA — AÑO: 1.982

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	31.7	7.4	51.4	3.0	7.6	0.0	0.0	0.0	0.0	27.2	14.6	7.0
2	26.4	1.7	43.0	0.0	7.2	0.0	0.1	0.0	0.0	29.8	59.6	36.8
3	45.9	0.1	4.4	6.2	4.2	2.7	0.0	0.0	0.0	0.6	91.1	1.5
4	37.6	0.5	8.6	3.8	1.7	0.0	3.4	0.0	0.0	7.5	3.3	0.2
5	22.4	1.6	15.0	0.0	0.0	0.5	2.7	0.0	0.1	38.4	17.3	14.6
6	35.7	24.2	9.4	2.6	44.0	0.0	0.4	0.0	0.0	2.7	12.8	4.0
7	33.2	12.5	0.0	7.5	0.9	0.0	0.4	2.2	0.0	7.4	25.9	47.3
8	14.9	0.6	19.3	25.5	8.9	5.1	9.2	0.0	0.0	1.3	1.2	0.0
9	13.7	3.3	0.0	3.5	4.0	2.2	0.0	0.0	0.0	29.7	0.0	0.1
10	2.2	25.0	0.0	9.4	16.0	0.4	11.9	0.0	13.4	40.0	22.5	4.7
11	0.8	10.3	0.0	38.8	14.0	0.0	1.7	0.0	11.7	6.5	29.4	0.0
12	2.9	60.0	0.0	1.5	0.0	1.0	0.0	0.0	0.0	0.4	19.2	21.4
13	0.4	19.0	6.9	1.6	0.0	2.7	0.0	0.0	8.8	0.5	7.3	0.7
14	0.7	14.2	5.7	7.9	4.1	0.0	0.0	0.0	34.7	3.2	0.0	0.0
15	1.5	38.2	10.1	0.0	0.2	5.8	0.0	0.0	0.4	0.6	0.0	1.6
16	0.0	10.0	5.3	29.5	0.2	0.0	0.0	0.0	2.4	1.1	1.5	44.7
17	0.0	4.0	5.9	9.5	4.9	0.0	0.0	0.0	1.6	3.2	6.1	16.7
18	0.0	14.3	12.0	16.2	9.9	1.3	0.0	0.0	0.2	2.2	15.6	3.1
19	0.0	9.3	1.9	47.0	0.2	27.1	0.0	0.0	2.3	24.2	11.3	4.5
20	0.0	4.8	16.7	0.0	50.0	26.9	0.0	0.0	0.0	5.8	3.6	2.0
21	0.0	0.6	10.0	0.8	14.0	0.0	0.0	0.0	0.0	18.4	6.9	23.3
22	0.0	0.0	0.7	0.0	9.6	0.6	0.0	0.0	0.0	29.1	6.4	12.4
23	1.0	0.8	0.0	46.5	5.6	0.0	0.0	0.0	3.3	8.6	22.5	2.3
24	0.3	0.0	9.5	0.0	19.0	0.0	0.0	0.0	6.7	22.0	8.1	67.9
25	1.5	9.9	3.1	10.0	3.4	0.0	0.1	0.0	41.6	2.3	0.4	4.2
26	47.3	0.4	0.6	20.6	13.0	0.0	0.0	0.0	0.0	0.5	10.7	28.2
27	22.0	18.4	19.1	2.1	0.0	0.1	11.0	0.0	2.7	0.0	6.8	4.7
28	21.3	21.9	0.6	38.0	0.0	0.0	1.0	0.0	2.5	0.0	0.0	0.0
29	8.8		10.1	25.5	25.0	0.0	1.0	0.0	3.9	1.8	0.0	0.0
30	0.0		4.1	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.4	0.0	0.0	0.0	0.5	0.0	0.0	2.0	0.0	0.0
Total	372.2	313.0	273.8	371.7	269.6	76.4	43.4	2.2	136.3	317.0	404.1	353.9
D. Ll.	22	26	25	24	24	13	13	1	16	28	24	24

TOTALES ANUALES — 2933.6 mm. — 240 Días lluvia

ESTACION: PLANTA DE TRATAMIENTO — MUNICIPIO: PEREIRA — AÑO: 1.982

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	13.8	0.5	11.5	4.6	3.4				1.1	3.9	19.7	1.5
2	10.8	21.6	5.0	2.1	6.3				0.0	39.6	41.9	1.3
3	54.9	2.3	2.6	12.3	19.8			0.0	0.0	0.5	6.5	0.2
4	14.7	2.7	10.0	11.1	24.4			0.0	0.3	3.5	3.2	0.0
5	49.8	49.9	2.0	2.8	0.2			0.0	0.0	0.0	11.1	1.8
6	42.5	0.0	35.4	0.7	2.4			0.0	0.0	2.8	3.8	0.0
7	36.1	0.0	0.0	1.7	18.1			1.5	0.0	0.1	0.7	5.0
8	8.3	0.0	5.0	9.0	8.4			1.5	0.0	6.1	2.6	2.9
9	3.8	10.6	0.0	6.6	1.7			0.0	7.5	11.5	5.2	1.3
10	0.0	0.0	0.0	7.0	0.0			0.5	23.1	0.0	2.8	1.3
11	0.0	0.5	0.4	45.9	0.0			0.0	0.6	69.3	17.9	0.0
12	0.2	21.5	4.6	0.0	0.0			0.0	0.0	2.6	7.3	0.3
13	0.0	1.1	8.1	0.0	12.8			0.0	16.6	0.0	4.8	4.4
14	12.2	31.4	0.0	0.0	1.8			0.0	0.0	6.6	0.0	0.0
15	0.3	2.4	26.5	0.0	0.3			0.3	27.3	1.5	20.9	0.4
16	0.0	2.6	5.5	38.4	0.4			0.1	16.4	3.6	7.2	2.8
17	4.1	0.0	8.7	7.3	7.7			0.0	12.3	1.6	18.2	1.9
18	0.0	0.0	60.2	25.6	4.2			0.0	14.0	0.0	4.4	18.5
19	0.0	43.1	0.0	23.8	7.5			0.0	37.6	49.4	5.3	0.6
20	0.0	4.2	4.4	1.4	51.9			0.0	29.1	5.6	15.7	6.9
21	0.0	0.0	0.0	0.1	25.2			0.0	0.0	27.3	0.0	7.4
22	0.0	0.1	8.0	8.0	29.7			0.0	0.0	4.4	14.4	24.2
23	2.1	0.0	0.0	16.0				0.0	19.6	1.9	0.0	0.8
24	0.4	0.0	0.0	0.0				0.0	45.8	26.8	0.6	0.7
25	1.4	28.0	0.6	0.0				0.0	8.2	16.0	5.6	0.0
26	0.0	0.0	1.0	9.5				0.0	0.0	0.7	13.0	0.5
27	5.1	8.3	9.8	9.9				0.0	32.7	3.0	9.5	
28	3.3	7.1	7.0	13.3				0.0	3.5	7.6	0.0	
29	1.6		8.1	16.6				0.0	2.0	1.0	0.0	
30	0.1		11.6	1.6				0.0	0.2	0.0	20.7	
31	0.0		0.4	0.0				9.9	0.0	1.8	0.0	
Total	265.5	237.9	236.4	275.3				13.8	297.9	298.7	263.0	
D. Ll.	20	18	23	24					19	26	25	

TOTALES ANUALES — mm. — 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: 1.982

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	7.1	10.7	0.8	0.1	15.1	0.0	0.0	2.4	0.0	8.0	1.3	0.0
2	10.0	0.0	0.0	46.7	24.8	0.1	0.0	0.0	0.0	11.2	9.8	6.7
3	10.1	23.9	0.0	3.2	0.7	0.0	7.9	0.0	0.0	3.3	14.2	14.2
4	5.2	3.2	0.0	30.8	1.3	0.8	14.5	0.0	2.8	0.8	0.5	0.7
5	1.0	2.1	8.1	30.0	0.0	17.7	0.0	0.0	0.0	1.1	13.0	12.0
6	0.9	2.3	0.0	10.0	5.7	0.1	0.0	0.0	0.0	13.9	1.6	0.0
7	2.9	0.0	0.6	4.7	2.4	0.2	0.4	1.8	0.0	15.7	7.7	1.0
8	0.6	6.0	0.0	2.7	3.4	0.3	0.0	0.0	0.0	0.0	0.0	25.2
9	4.9	0.0	0.0	1.6	0.8	7.5	0.0	0.2	13.3	0.0	0.0	2.1
10	0.4	6.5	0.0	20.5	0.0	0.0	1.2	0.2	0.4	0.4	11.3	0.0
11	0.8	7.1	0.0	10.1	0.0	11.7	15.1	0.0	7.0	4.4	17.6	4.9
12	0.3	6.3	3.2	2.7	0.0	0.0	1.0	0.0	7.0	2.8	0.0	6.9
13	0.0	10.2	1.7	1.2	7.4	1.3	0.0	0.0	5.0	3.6	0.0	0.0
14	0.0	0.6	14.4	3.8	10.2	0.0	0.5	0.0	1.5	2.0	0.0	0.0
15	16.2	8.2	30.5	0.0	6.9	0.0	0.0	0.0	2.0	0.0	1.9	0.0
16	0.0	0.2	6.7	6.8	0.2	0.0	0.0	0.0	1.9	3.0	0.2	1.9
17	0.0	0.2	19.9	3.3	17.6	0.0	0.0	0.0	5.9	0.6	0.0	0.0
18	0.0	1.4	0.0	2.1	24.6	0.0	0.3	0.0	44.0	0.2	7.1	0.0
19	0.0	4.7	0.0	4.4	27.3	2.3	0.1	0.0	0.7	34.5	0.0	0.1
20	0.0	2.2	1.8	1.6	34.4	0.3	0.0	0.0	0.6	0.0	0.7	0.3
21	0.0	0.0	0.1	1.7	5.9	10.1	0.0	0.0	0.0	30.6	4.7	10.4
22	0.0	1.1	0.0	17.2	12.7	0.0	0.0	0.0	0.0	7.0	0.0	0.0
23	0.5	0.0	0.2	5.1	6.6	0.0	0.0	0.0	2.0	0.9	0.0	11.2
24	0.0	0.0	0.5	0.0	10.1	0.0	0.0	0.0	2.4	12.0	0.0	1.9
25	0.5	2.4	0.0	0.0	4.4	0.0	0.0	0.0	25.0	2.0	2.0	0.0
26	0.8	10.1	0.0	0.8	9.2	0.2	0.0	0.0	0.0	2.6	1.1	9.2
27	1.1	1.9	14.8	0.8	8.9	0.0	23.6	0.0	0.0	3.9	4.2	0.1
28	5.1	2.9	0.2	3.1	0.0	0.0	0.6	0.0	0.0	0.0	2.1	0.0
29	0.0		6.0	10.3	61.2	0.0	0.0	0.0	6.0	0.0	0.0	0.0
30	1.6		0.0	11.5	0.0	0.0	0.0	6.3	0.0	2.5	0.0	0.0
31	8.8		0.0	0.0	1.4	0.0	0.0	40.8	0.0	3.4	0.0	0.0
Total	78.8	114.2	109.5	236.8	303.2	52.6	70.2	51.7	127.5	170.4	101.0	108.8
D. LL.	20	22	16	27	25	13	11	6	17	25	18	17

TOTALES ANUALES 1524.7 mm. 217 Días lluvia

ESTACION: LA SELVA MUNICIPIO: GINEBRA AÑO: 1.982

ALTITUD: 1.800 LATITUD: 3-40 N. LONGITUD: 76-18 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	6.9	1.2	26.0	1.1	6.4	0.3	0.8	0.0	0.0	2.7	2.7	0.1
2	34.0	2.2	41.0	25.6	6.7	0.0	0.5	0.0	0.0	9.2	17.0	2.0
3	59.3	0.0	1.0	74.9	0.0	0.0	0.7	0.0	0.0	1.2	42.2	11.1
4	13.8	0.0	5.8	7.7	0.4	0.6	0.0	0.0	0.0	10.0	0.4	18.7
5	5.4	0.4	17.7	1.8	0.0	53.1	0.0	0.0	0.0	0.0	0.0	2.0
6	0.6	37.1	1.4	36.3	0.5	0.0	0.0	0.0	0.0	4.7	0.1	0.0
7	19.3	0.0	26.9	0.0	0.0	0.0	0.0	0.2	0.0	13.6	15.4	6.0
8	40.2	14.1	0.4	2.8	4.4	0.9	0.0	0.0	0.0	0.6	5.7	6.7
9	2.2	1.9	0.0	5.6	0.0	19.6	0.0	0.0	0.0	11.7	0.0	3.6
10	2.2	20.9	1.0	0.3	0.0	0.0	0.0	0.0	0.0	1.5	8.3	0.0
11	0.0	3.5	1.3	28.3	0.0	0.0	19.8	6.6	0.3	62.1	30.1	7.2
12	0.0	8.3	0.0	0.6	0.0	1.8	1.0	0.0	0.6	0.0	0.3	6.0
13	0.0	0.8	0.6	0.0	12.7	0.0	0.0	0.0	0.0	0.0	0.0	10.8
14	0.0	59.2	21.5	0.0	0.5	0.0	0.0	0.0	1.0	3.0	0.0	0.0
15	2.0	0.0	34.0	0.0	0.0	0.0	0.0	2.6	16.3	3.6	2.7	2.7
16	0.4	0.0	43.3	6.1	0.0	0.0	0.0	0.0	8.6	4.0	0.8	0.0
17	0.0	0.1	9.9	7.5	1.0	0.0	0.0	0.9	21.4	0.2	4.4	10.2
18	0.0	3.0	19.4	13.6	3.1	0.0	0.4	0.0	20.6	0.4	37.2	0.7
19	0.0	2.0	3.4	2.8	0.7	0.0	0.0	0.0	0.0	25.5	0.0	3.0
20	0.0	0.0	17.1	1.8	21.2	0.4	0.0	0.0	0.0	0.9	35.9	1.3
21	0.0	0.0	0.0	0.1	10.1	0.0	0.0	0.0	0.0	21.0	3.9	21.2
22	0.0	0.0	0.0	0.0	14.5	0.0	0.0	0.0	0.0	6.1	3.7	11.1
23	0.0	0.0	4.6	0.8	4.6	0.0	0.0	0.0	0.0	15.0	1.1	2.2
24	0.0	0.0	0.6	0.0	0.9	0.0	0.0	0.0	9.1	27.8	1.0	0.3
25	6.0	0.0	22.9	0.0	30.8	0.0	0.0	0.0	10.1	11.0	0.0	2.0
26	24.0	2.0	1.5	5.0	0.5	0.0	1.3	0.0	0.0	25.6	3.9	4.3
27	22.9	0.0	20.8	24.5	3.1	0.0	3.8	0.0	1.8	5.7	0.3	1.6
28	2.7	0.0	10.2	6.3	1.4	0.0	6.8	0.0	0.5	1.5	0.2	0.0
29	6.0		0.0	0.0	3.3	0.0	30.0	0.0	1.9	0.0	0.0	0.0
30	0.0		0.7	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	1.0		7.7	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0
Total	248.9	156.7	340.7	262.8	126.8	76.7	65.1	10.3	91.9	275.2	217.3	134.8
D. LL.	18	15	26	22	20	7	10	4	11	26	22	23

TOTALES ANUALES 2007.2 mm. 204 Días lluvia

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

ESTACION: LA ALDEA — MUNICIPIO: DABEIBA — AÑO: 1.982

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	3.0	0.0	0.0	13.0	20.0	23.0	1.0	6.0	0.0	5.0	0.0	0.0
2	4.0	38.0	0.0	4.0	7.0	0.0	0.0	17.0	11.0	20.0	7.0	0.0
3	32.0	8.0	0.0	2.0	13.0	11.0	5.0	0.0	11.0	10.0	28.0	0.0
4	11.0	0.0	0.0	0.0	2.0	0.0	10.0	0.0	6.0	12.0	5.0	0.0
5	8.0	2.0	0.0	17.0	0.0	26.0	6.0	0.0	1.0	4.0	10.0	0.0
6	11.0	3.0	0.0	18.0	11.0	6.0	14.0	2.0	0.0	7.0	0.0	0.0
7	0.0	4.0	0.0	0.0	17.0	13.0	8.0	12.0	8.0	16.0	1.0	0.0
8	0.0	0.0	0.0	32.0	8.0	0.0	2.0	0.0	0.0	4.0	0.0	0.0
9	0.0	6.0	0.0	19.0	5.0	9.0	0.0	0.0	12.0	2.0	0.0	2.0
10	0.0	12.0	0.0	26.0	0.0	0.0	7.0	0.0	11.0	0.0	0.0	0.0
11	0.0	0.0	5.0	27.0	0.0	0.0	20.0	0.0	0.0	10.0	2.0	0.0
12	0.0	24.0	0.0	7.0	0.0	10.0	42.0	2.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	11.0	36.0	7.0	0.0	2.0	0.0	0.0	0.0	0.0
14	0.0	0.0	19.0	1.0	10.0	0.0	0.0	12.0	12.0	4.0	0.0	0.0
15	0.0	0.0	0.0	0.0	44.0	0.0	0.0	0.0	9.0	3.0	0.0	0.0
16	0.0	20.0	0.0	12.0	0.0	3.0	0.0	1.0	1.0	16.0	0.0	3.0
17	0.0	1.0	0.0	8.0	17.0	0.0	18.0	0.0	16.0	19.0	0.0	13.0
18	0.0	0.0	1.0	0.0	0.0	0.0	3.0	0.0	18.0	2.0	0.0	13.0
19	0.0	0.0	0.0	6.0	25.0	21.0	0.0	0.0	1.0	4.0	4.0	0.0
20	0.0	0.0	0.0	4.0	5.0	1.0	0.0	36.0	13.0	19.0	14.0	0.0
21	0.0	0.0	0.0	27.0	14.0	0.0	0.0	1.0	0.0	52.0	0.0	0.0
22	0.0	0.0	4.0	24.0	8.0	34.0	0.0	0.0	1.0	1.0	0.0	0.0
23	0.0	0.0	0.0	0.0	12.0	1.0	0.0	0.0	13.0	1.0	0.0	0.0
24	0.0	0.0	0.0	0.0	10.0	0.0	10.0	3.0	0.0	30.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	31.0	29.0	0.0	0.0
26	0.0	0.0	0.0	0.0	27.0	12.0	7.0	1.0	9.0	0.0	14.0	0.0
27	19.0	0.0	0.0	3.0	0.0	3.0	3.0	0.0	12.0	9.0	2.0	0.0
28	1.0	0.0	0.0	24.0	2.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
29	2.0		2.0	0.0	19.0	0.0	12.0	16.0	6.0	0.0	0.0	0.0
30	0.0		0.0	5.0	2.0	0.0	0.0	2.0	20.0	0.0	0.0	0.0
31	4.0		0.0	0.0	1.0	0.0	8.0	3.0	0.0	4.0	0.0	0.0
Total	95.0	118.0	31.0	290.0	315.0	180.0	200.0	116.0	222.0	284.0	87.0	31.0
D. LL.	10	10	5	21	23	15	18	15	21	25	10	4

TOTALES ANUALES — 1969.0 mm. — 177 Días lluvia

ESTACION: BARILOCHE — MUNICIPIO: FREDONIA — AÑO: 1.982

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	15.0	0.0	5.0	21.0	18.0	0.0	0.0	8.0	0.0	3.0	32.0	0.0
2	17.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	29.0	26.0	0.0
3	14.0	28.0	0.0	19.0	29.0	0.0	0.0	2.0	0.0	3.0	2.0	0.0
4	17.0	23.0	0.0	28.0	3.0	19.0	4.0	0.0	0.0	1.0	2.0	0.0
5	17.0	6.0	0.0	30.0	0.0	10.0	0.0	1.0	3.0	0.0	0.0	0.0
6	12.0	1.0	0.0	50.0	18.0	0.0	0.0	5.0	0.0	6.0	0.0	0.0
7	20.0	1.0	0.0	15.0	25.0	6.0	0.0	28.0	0.0	9.0	0.0	29.0
8	0.0	6.0	0.0	4.0	5.0	0.0	0.0	2.0	0.0	4.0	0.0	33.0
9	23.0	0.0	0.0	36.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0
10	14.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	9.0
11	5.0	13.0	33.0	17.0	0.0	0.0	0.0	0.0	1.0	46.0	16.0	0.0
12	0.0	8.0	1.0	9.0	0.0	0.0	17.0	0.0	28.0	0.0	0.0	0.0
13	0.0	0.0	26.0	0.0	3.0	9.0	0.0	0.0	39.0	0.0	0.0	0.0
14	0.0	12.0	0.0	0.0	8.0	2.0	0.0	0.0	0.0	15.0	0.0	0.0
15	0.0	3.0	13.0	0.0	0.0	1.0	0.0	5.0	0.0	0.0	5.0	0.0
16	0.0	0.0	0.0	43.0	0.0	0.0	0.0	0.0	52.0	15.0	0.0	4.0
17	0.0	0.0	0.0	3.0	27.0	0.0	0.0	0.0	8.0	3.0	0.0	16.0
18	0.0	10.0	0.0	4.0	50.0	5.0	0.0	0.0	0.0	41.0	0.0	0.0
19	0.0	15.0	0.0	0.0	68.0	2.0	0.0	0.0	0.0	33.0	16.0	0.0
20	0.0	0.0	0.0	0.0	31.0	0.0	0.0	9.0	0.0	16.0	1.0	0.0
21	0.0	24.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	14.0	17.0	0.0
22	0.0	0.0	9.0	36.0	11.0	0.0	0.0	0.0	0.0	13.0	3.0	0.0
23	0.0	16.0	66.0	5.0	12.0	0.0	0.0	0.0	22.0	2.0	0.0	0.0
24	0.0	0.0	5.0	2.0	26.0	0.0	0.0	0.0	15.0	25.0	0.0	4.0
25	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	5.0	89.0	0.0	0.0
26	2.0	0.0	33.0	17.0	24.0	0.0	10.0	0.0	0.0	2.0	28.0	15.0
27	3.0	3.0	0.0	43.0	1.0	0.0	0.0	0.0	2.0	40.0	0.0	0.0
28	5.0	26.0	5.0	0.0	3.0	0.0	5.0	0.0	6.0	0.0	0.0	3.0
29	9.0		15.0	26.0	14.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0
30	11.0		3.0	33.0	6.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	184.0	195.0	214.0	447.0	391.0	95.0	36.0	58.0	225.0	409.0	148.0	113.0
D. LL.	15	16	12	22	21	10	4	7	14	21	11	8

TOTALES ANUALES — 2515.0 mm. — 161 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: 1.982
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	7.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0
2	5.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	21.0	20.0	0.0
3	24.0	5.0	0.0	21.0	20.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
4	12.0	0.0	0.0	13.0	0.0	5.0	20.0	0.0	0.0	6.0	0.0	0.0
5	66.0	0.0	0.0	45.0	0.0	8.0	11.0	5.0	0.0	0.0	22.0	0.0
6	0.0	5.0	28.0	9.0	20.0	0.0	0.0	8.0	0.0	0.0	4.0	0.0
7	0.0	25.0	0.0	13.0	12.0	0.0	0.0	12.0	0.0	2.0	0.0	15.0
8	0.0	0.0	0.0	20.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0
9	0.0	50.0	0.0	30.0	13.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0
10	8.0	10.0	0.0	9.0	0.0	6.0	0.0	0.0	0.0	0.0	2.0	0.0
11	0.0	15.0	0.0	30.0	0.0	7.0	0.0	0.0	5.0	6.0	11.0	0.0
12	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
13	0.0	41.0	15.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
14	4.0	17.0	0.0	4.0	7.0	0.0	0.0	0.0	16.0	21.0	0.0	0.0
15	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0
16	0.0	35.0	7.0	23.0	0.0	0.0	0.0	0.0	3.0	3.0	8.0	6.0
17	0.0	0.0	25.0	3.0	5.0	0.0	0.0	0.0	5.0	1.0	0.0	36.0
18	0.0	12.0	0.0	25.0	23.0	0.0	0.0	0.0	0.0	5.0	2.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	6.0	0.0
20	0.0	12.0	0.0	2.0	60.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0
21	0.0	13.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	32.0	3.0	15.0
22	0.0	0.0	2.0	5.0	14.0	0.0	0.0	0.0	0.0	1.0	3.0	0.0
23	0.0	0.0	11.0	0.0	31.0	0.0	0.0	0.0	19.0	19.0	26.0	0.0
24	0.0	0.0	0.0	0.0	44.0	0.0	0.0	0.0	33.0	9.0	0.0	0.0
25	0.0	4.0	12.0	0.0	0.0	0.0	0.0	0.0	23.0	49.0	0.0	0.0
26	15.0	1.0	6.0	10.0	7.0	0.0	3.0	0.0	0.0	2.0	0.0	34.0
27	4.0	3.0	8.0	22.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0
28	0.0	0.0	7.0	4.0	4.0	0.0	2.0	0.0	0.0	0.0	15.0	0.0
29	0.0		3.0	0.0	0.0	0.0	0.0	0.0	3.0	5.0	0.0	0.0
30	0.0		0.0	20.0	0.0	0.0	0.0	0.0	2.0	20.0	0.0	0.0
31	0.0		0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	145.0	273.0	124.0	350.0	319.0	26.0	36.0	25.0	147.0	238.0	170.0	131.0
D. Ll.	9	16	11	21	17	4	4	3	13	18	15	6

TOTALES ANUALES — 1984.0 mm. — 137 Días lluvia

ESTACION: SANTA ELENA — MUNICIPIO: AGUADAS — AÑO: 1.982
ALTITUD: 1.400 — LATITUD: 5-37 N. — LONGITUD: 75-23 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	2.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0
2	9.0	0.0	37.0	1.0	1.0	0.0	0.0	0.0	0.0	18.0	18.0	0.0
3	68.0	10.0	0.0	3.0	25.0	1.0	0.0	0.0	0.0	1.0	17.0	1.0
4	18.0	0.0	0.0	18.0	25.0	0.0	2.0	0.0	1.0	12.0	0.0	0.0
5	28.0	0.0	1.0	21.0	0.0	11.0	7.0	2.0	0.0	0.0	57.0	0.0
6	4.0	0.0	5.0	3.0	38.0	0.0	6.0	5.0	0.0	5.0	0.0	0.0
7	0.0	4.0	0.0	1.0	12.0	0.0	0.0	25.0	0.0	4.0	2.0	10.0
8	12.0	0.0	0.0	28.0	7.0	0.0	8.0	3.0	3.0	0.0	0.0	8.0
9	2.0	6.0	0.0	45.0	25.0	2.0	1.0	0.0	14.0	0.0	0.0	0.0
10	5.0	6.0	1.0	7.0	1.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0
11	0.0	16.0	0.0	22.0	0.0	1.0	7.0	0.0	4.0	34.0	8.0	0.0
12	2.0	1.0	6.0	0.0	2.0	0.0	5.0	0.0	21.0	1.0	0.0	0.0
13	0.0	1.0	34.0	0.0	0.0	2.0	0.0	0.0	6.0	0.0	0.0	0.0
14	17.0	8.0	1.0	4.0	0.0	2.0	0.0	0.0	0.0	17.0	0.0	0.0
15	0.0	0.0	0.0	1.0	2.0	1.0	0.0	5.0	2.0	0.0	0.0	0.0
16	0.0	16.0	5.0	53.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	48.0
17	0.0	0.0	1.0	0.0	5.0	0.0	0.0	0.0	4.0	2.0	1.0	14.0
18	0.0	23.0	5.0	15.0	11.0	0.0	2.0	0.0	0.0	13.0	17.0	0.0
19	0.0	1.0	27.0	1.0	8.0	2.0	0.0	0.0	1.0	58.0	0.0	0.0
20	0.0	4.0	0.0	50.0	25.0	0.0	0.0	0.0	4.0	1.0	0.0	0.0
21	0.0	0.0	0.0	0.0	13.0	1.0	0.0	0.0	0.0	17.0	15.0	10.0
22	0.0	0.0	5.0	3.0	17.0	0.0	0.0	0.0	0.0	27.0	38.0	16.0
23	0.0	0.0	0.0	5.0	6.0	0.0	0.0	0.0	11.0	34.0	0.0	2.0
24	0.0	0.0	0.0	0.0	39.0	2.0	0.0	0.0	9.0	51.0	0.0	2.0
25	0.0	0.0	26.0	0.0	1.0	0.0	0.0	0.0	21.0	37.0	1.0	0.0
26	2.0	0.0	0.0	0.0	54.0	0.0	8.0	0.0	0.0	0.0	1.0	19.0
27	2.0	10.0	15.0	5.0	0.0	0.0	7.0	0.0	22.0	0.0	10.0	0.0
28	7.0	17.0	3.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
29	8.0		2.0	1.0	3.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0
30	1.0		0.0	14.0	4.0	0.0	0.0	0.0	14.0	5.0	0.0	0.0
31	0.0		0.0	0.0	5.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0
Total	187.0	123.0	174.0	305.0	350.0	25.0	58.0	54.0	152.0	337.0	227.0	130.0
D. Ll.	16	14	16	22	24	10	11	7	16	18	15	10

TOTALES ANUALES — 2122.0 mm. — 179 Días lluvia

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

ESTACION: LA ARGENTINA — MUNICIPIO: RIOSUCIO — AÑO: 1.982

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	22.0	7.0	0.0	16.0	3.0	0.0	0.0	0.0	0.0	6.0	8.0	0.0
2	23.0	2.0	0.0	18.0	1.0	1.0	0.0	0.0	0.0	2.0	70.0	0.0
3	30.0	4.0	0.0	14.0	35.0	0.0	0.0	0.0	0.0	2.0	16.0	0.0
4	81.0	0.0	0.0	9.0	15.0	0.0	0.0	0.0	0.0	4.0	2.0	0.0
5	32.0	0.0	1.0	53.0	0.0	1.0	0.0	0.0	0.0	0.0	5.0	19.0
6	15.0	1.0	6.0	15.0	0.0	0.0	0.0	0.0	0.0	33.0	5.0	0.0
7	1.0	2.0	0.0	83.0	0.0	18.0	0.0	0.0	0.0	4.0	0.0	45.0
8	0.0	0.0	0.0	6.0	0.0	1.0	9.0	0.0	0.0	0.0	0.0	31.0
9	3.0	2.0	0.0	9.0	0.0	0.0	0.0	0.0	1.0	2.0	0.0	0.0
10	4.0	5.0	2.0	20.0	15.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
11	0.0	0.0	9.0	21.0	0.0	0.0	0.0	0.0	3.0	37.0	49.0	0.0
12	0.0	3.0	0.0	5.0	14.0	0.0	2.0	0.0	10.0	0.0	4.0	0.0
13	0.0	5.0	16.0	4.0	1.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0
14	1.0	53.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
15	0.0	4.0	0.0	0.0	15.0	0.0	0.0	15.0	1.0	1.0	1.0	0.0
16	0.0	0.0	0.0	1.0	18.0	0.0	0.0	0.0	0.0	4.0	0.0	18.0
17	0.0	0.0	0.0	5.0	11.0	0.0	0.0	0.0	0.0	3.0	1.0	8.0
18	0.0	1.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	3.0	0.0	14.0
19	0.0	8.0	0.0	13.0	15.0	0.0	0.0	0.0	10.0	0.0	32.0	0.0
20	0.0	98.0	0.0	0.0	36.0	0.0	0.0	0.0	2.0	2.0	18.0	0.0
21	0.0	0.0	0.0	6.0	34.0	0.0	0.0	0.0	3.0	6.0	0.0	0.0
22	0.0	0.0	30.0	0.0	16.0	0.0	0.0	0.0	10.0	2.0	1.0	29.0
23	0.0	0.0	35.0	0.0	1.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
24	6.0	0.0	0.0	5.0	1.0	0.0	0.0	0.0	11.0	31.0	0.0	22.0
25	0.0	0.0	0.0	2.0	5.0	0.0	0.0	0.0	18.0	50.0	0.0	0.0
26	0.0	0.0	0.0	0.0	6.0	0.0	1.0	0.0	0.0	0.0	35.0	0.0
27	4.0	10.0	2.0	0.0	1.0	0.0	0.0	0.0	18.0	0.0	20.0	1.0
28	45.0	13.0	20.0	0.0	0.0	0.0	1.0	0.0	3.0	1.0	0.0	1.0
29	0.0		12.0	2.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	1.0
30	5.0		0.0	3.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
31	0.0		0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	272.0	218.0	133.0	310.0	252.0	53.0	13.0	15.0	100.0	201.0	270.0	189.0
D. LL.	14	16	10	21	22	5	4	1	14	20	16	11

TOTALES ANUALES — 2026.0 mm. — 154 Días lluvia

ESTACION: LLANADAS — MUNICIPIO: LA MERCED — AÑO: 1.982

ALTITUD: 1.800 — LATITUD: 5-23 N. — LONGITUD: 75-33 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	16.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0		12.0	0.0
2	24.0	0.0	44.0	0.0	13.0	0.0	0.0	0.0	0.0		18.0	0.0
3	0.0	0.0	0.0	10.0	18.0	10.0	0.0	0.0	0.0		2.0	0.0
4	26.0	4.0	0.0	12.0	27.0	14.0	0.0	0.0	0.0		0.0	0.0
5	4.0	0.0	9.0	15.0	0.0	24.0	0.0	0.0	0.0		2.0	0.0
6	12.0	0.0	0.0	2.0	31.0	0.0	30.0	18.0	0.0		0.0	2.0
7	14.0	0.0	0.0	14.0	10.0	0.0	0.0	0.0	0.0		3.0	4.0
8	26.0	16.0	3.0	3.0	12.0	0.0	4.0	5.0	0.0		0.0	20.0
9	0.0	18.0	0.0	37.0	12.0	8.0	0.0	0.0	7.0		0.0	0.0
10	55.0	20.0	16.0	0.0	0.0	0.0	0.0	0.0	12.0		0.0	0.0
11	3.0	0.0	22.0	38.0	0.0	0.0	0.0	0.0	3.0		4.0	0.0
12	0.0	3.0	0.0	0.0	0.0	0.0	4.0	0.0	6.0		0.0	0.0
13	0.0	20.0	48.0	0.0	3.0	27.0	0.0	0.0	7.0		0.0	0.0
14	14.0	36.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0		0.0	0.0
15	0.0	0.0	0.0	10.0	4.0	0.0	0.0	3.0	5.0		16.0	0.0
16	0.0	0.0	10.0	21.0	0.0	0.0	0.0	0.0	18.0		7.0	0.0
17	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0	6.0		0.0	4.0
18	0.0	14.0	0.0	36.0	7.0	1.0	0.0	0.0	0.0		0.0	0.0
19	0.0	6.0	0.0	2.0	4.0	11.0	26.0	0.0	0.0		14.0	0.0
20	0.0	0.0	5.0	54.0	68.0	0.0	0.0	0.0	0.0		0.0	0.0
21	0.0	0.0	0.0	4.0	6.0	2.0	0.0	0.0	0.0		0.0	16.0
22	0.0	0.0	21.0	0.0	5.0	0.0	0.0	0.0	0.0		8.0	33.0
23	0.0	0.0	0.0	2.0	20.0	10.0	0.0	0.0	16.0		0.0	0.0
24	7.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	13.0		2.0	0.0
25	0.0	7.0	2.0	0.0	4.0	0.0	4.0	0.0	18.0		0.0	0.0
26	24.0	0.0	2.0	2.0	19.0	0.0	0.0	0.0	0.0		3.0	16.0
27	2.0	10.0	16.0	9.0	0.0	0.0	6.0	0.0	8.0		13.0	0.0
28	20.0	18.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
29	21.0		5.0	0.0	0.0	0.0	2.0	0.0	7.0		0.0	0.0
30	0.0		0.0	60.0	3.0	0.0	0.0	0.0	8.0		0.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
Total	268.0	172.0	211.0	334.0	307.0	109.0	76.0	26.0	134.0		104.0	95.0
D. LL.	15	12	14	19	20	10	7	3	14		13	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: EL DESCANSO — MUNICIPIO: MARMATO — AÑO: 1.982

ALTITUD: 1.650 — LATITUD: 5-29 N. — LONGITUD: 75-38 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC
1	46.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	29.0	6.0	0.0
2	5.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0
3	26.0	9.0	0.0	3.0	48.0	0.0	0.0	0.0	0.0	0.0	53.0	0.0
4	30.0	0.0	0.0	19.0	10.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
5	37.0	0.0	0.0	48.0	0.0	36.0	0.0	0.0	0.0	0.0	7.0	0.0
6	35.0	0.0	0.0	10.0	6.0	0.0	0.0	0.0	0.0	51.0	0.0	0.0
7	8.0	0.0	0.0	0.0	41.0	2.0	0.0	30.0	0.0	21.0	0.0	6.0
8	5.0	2.0	0.0	11.0	13.0	0.0	0.0	0.0	0.0	1.0	0.0	39.0
9	1.0	4.0	0.0	68.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	26.0	0.0	3.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	1.0
11	0.0	0.0	0.0	51.0	0.0	0.0	0.0	0.0	1.0	29.0	32.0	0.0
12	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
13	46.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
14	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0
15	0.0	0.0	46.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
16	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	49.0
17	0.0	0.0	0.0	0.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
18	0.0	13.0	0.0	11.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
19	0.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0
20	0.0	5.0	0.0	15.0	34.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
21	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	1.0	0.0	21.0
22	0.0	0.0	92.0	0.0	12.0	0.0	0.0	0.0	0.0	20.0	1.0	40.0
23	30.0	0.0	0.0	13.0	2.0	0.0	0.0	0.0	27.0	15.0	0.0	0.0
24	0.0	4.0	0.0	0.0	13.0	0.0	0.0	0.0	12.0	30.0	6.0	0.0
25	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	23.0	7.0	0.0	0.0
26	1.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	28.0	0.0	0.0	12.0
27	5.0	0.0	23.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	2.0
28	8.0	12.0	18.0	11.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0
29	0.0		10.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
30	0.0		0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	283.0	87.0	276.0	301.0	325.0	38.0	15.0	30.0	126.0	221.0	139.0	178.0
D. LL.	14	9	10	14	16	2	2	1	11	12	10	10
TOTALES ANUALES							2019.0 mm.				111	Días lluvia

ESTACION: LA MANUELITA — MUNICIPIO: RIOSUCIO — AÑO: 1.982

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	8.0	8.0	0.0	0.0	18.0	0.0	0.0	6.0	0.0	0.0	14.0	0.0
2	12.0	0.0	32.0	10.0	2.0	0.0	0.0	0.0	0.0	40.0	15.0	0.0
3	10.0	0.0	12.0	2.0	48.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
4	5.0	0.0	0.0	15.0	58.0	0.0	0.0	0.0	0.0	12.0	5.0	0.0
5	6.0	2.0	60.0	10.0	0.0	15.0	0.0	0.0	0.0	0.0	15.0	20.0
6	9.0	0.0	10.0	2.0	3.0	0.0	0.0	0.0	0.0	3.0	5.0	0.0
7	15.0	0.0	0.0	3.0	18.0	23.0	0.0	25.0	0.0	5.0	0.0	5.0
8	0.0	5.0	11.0	2.0	10.0	0.0	3.0	0.0	0.0	2.0	0.0	20.0
9	0.0	0.0	0.0	5.0	11.0	21.0	0.0	0.0	10.0	0.0	0.0	0.0
10	20.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	20.0	50.0	0.0	0.0
11	0.0	0.0	7.0	30.0	10.0	0.0	0.0	0.0	0.0	60.0	38.0	0.0
12	0.0	10.0	0.0	5.0	0.0	3.0	0.0	0.0	30.0	15.0	0.0	0.0
13	0.0	5.0	23.0	0.0	0.0	12.0	0.0	0.0	21.0	0.0	0.0	0.0
14	15.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
15	0.0	5.0	0.0	0.0	2.0	0.0	0.0	5.0	0.0	0.0	2.0	0.0
16	0.0	6.0	45.0	25.0	30.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
17	0.0	0.0	0.0	0.0	40.0	2.0	0.0	0.0	5.0	0.0	0.0	0.0
18	0.0	0.0	0.0	23.0	6.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0
19	0.0	0.0	0.0	5.0	0.0	0.0	2.0	0.0	0.0	0.0	6.0	10.0
20	0.0	0.0	0.0	28.0	25.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
21	0.0	5.0	0.0	0.0	101.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
22	0.0	0.0	45.0	24.0	5.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
23	0.0	0.0	5.0	0.0	7.0	0.0	0.0	0.0	15.0	15.0	0.0	0.0
24	14.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	10.0	25.0	0.0	0.0
25	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	20.0	40.0	0.0	0.0
26	12.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0
27	2.0	5.0	0.0	25.0	0.0	0.0	2.0	0.0	50.0	0.0	9.0	0.0
28	15.0	6.0	25.0	44.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0
29	0.0		15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	20.0	0.0	0.0	0.0	0.0	60.0	0.0	0.0	0.0
31	1.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	144.0	77.0	290.0	288.0	431.0	76.0	7.0	36.0	301.0	274.0	137.0	67.0
D. LL.	14	11	12	19	20	6	3	3	12	13	13	5
TOTALES ANUALES							2128.0 mm.				131	Días lluvia

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

ESTACION: JAVA — MUNICIPIO: MANIZALES — AÑO: 1.982

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	0.0	8.0	48.0	0.0
2						0.0	0.0	12.0	0.0	23.0	41.0	0.0
3						3.0	0.0	0.0	0.0	2.0	15.0	0.0
4						0.0	0.0	0.0	0.0	2.0	0.0	0.0
5						3.0	5.0	0.0	0.0	0.0	6.0	0.0
6						0.0	0.0	0.0	0.0	0.0	0.0	2.0
7						4.0	0.0	32.0	0.0	5.0	0.0	14.0
8						0.0	0.0	2.0	0.0	7.0	0.0	15.0
9						22.0	0.0	0.0	5.0	38.0	0.0	0.0
10						0.0	0.0	0.0	35.0	0.0	0.0	0.0
11						0.0	4.0	0.0	7.0	7.0	23.0	0.0
12						0.0	10.0	0.0	2.0	1.0	0.0	0.0
13						0.0	0.0	0.0	0.0	2.0	6.0	0.0
14						0.0	0.0	0.0	2.0	8.0	0.0	0.0
15						0.0	0.0	0.0	23.0	9.0	0.0	9.0
16						0.0	0.0	0.0	2.0	8.5	2.0	8.0
17						5.0	0.0	0.0	9.0	0.0	0.0	21.0
18						18.0	3.0	0.0	28.0	2.0	1.0	0.0
19						15.0	0.0	0.0	1.0	20.0	2.0	0.0
20						3.0	0.0	0.0	0.0	4.0	3.0	0.0
21						0.0	0.0	0.0	0.0	37.0	0.0	17.0
22						0.0	0.0	0.0	0.0	7.0	36.0	0.0
23						0.0	0.0	0.0	4.0	5.0	0.0	0.0
24						0.0	0.0	0.0	7.0	22.0	0.0	0.0
25						0.0	0.0	0.0	12.0	63.0	10.0	0.0
26						0.0	27.0	0.0	0.0	7.0	15.0	2.0
27						0.0	7.0	0.0	0.0	1.5	40.0	1.0
28						0.0	2.0	0.0	5.0	0.0	0.0	0.0
29						3.0	0.0	0.0	0.0	5.0	0.0	0.0
30						0.0	0.0	0.0	0.0	0.0	0.0	0.0
31						0.0	0.0	0.0	0.0	4.0	0.0	0.0
Total						76.0	58.0	46.0	142.0	298.0	248.0	89.0
D. LL.						9	7	3	14	25	14	9

TOTALES ANUALES — mm. — Días lluvia

ESTACION: LA TRILLADORA — MUNICIPIO: MANIZALES — AÑO: 1.982

ALTITUD: 1.650 — LATITUD: 5-06 N. — LONGITUD: 75-33 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	24.0	0.0	3.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0	30.0	0.0
2	15.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	45.0	40.0	0.0
3	36.0	1.0	0.0	2.0	35.0	0.0	0.0	0.0	0.0	35.0	35.0	0.0
4	61.0	5.0	5.0	4.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	57.0	0.0	0.0	51.0	0.0	25.0	2.0	0.0	0.0	0.0	2.0	0.0
6	43.0	9.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
7	36.0	0.0	0.0	0.0	30.0	0.0	0.0	20.0	0.0	44.0	0.0	80.0
8	5.0	0.0	0.0	4.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	40.0
9	5.0	36.0	10.0	52.0	11.0	40.0	0.0	0.0	8.0	60.0	0.0	0.0
10	1.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	54.0	0.0	0.0	0.0
11	0.0	2.0	0.0	62.0	15.0	0.0	0.0	0.0	2.0	51.0	20.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0	0.0	0.0	0.0
13	0.0	23.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	22.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
15	0.0	0.0	30.0	2.0	2.0	0.0	0.0	2.0	20.0	10.0	10.0	0.0
16	0.0	26.0	11.0	3.0	32.0	0.0	0.0	0.0	30.0	20.0	2.0	10.0
17	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	2.0	0.0	0.0	6.0
18	0.0	0.0	0.0	52.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	5.0	15.0	10.0	55.0	0.0	11.0	0.0	0.0	42.0	11.0	0.0
20	0.0	25.0	0.0	65.0	56.0	0.0	0.0	0.0	0.0	10.0	12.0	0.0
21	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	25.0	0.0	2.0
22	0.0	0.0	10.0	0.0	2.0	0.0	0.0	0.0	0.0	60.0	0.0	0.0
23	0.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	55.0	5.0	0.0	0.0
24	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	20.0	0.0	0.0
25	0.0	0.0	12.0	0.0	30.0	0.0	0.0	0.0	10.0	40.0	0.0	0.0
26	0.0	0.0	0.0	4.0	0.0	0.0	20.0	0.0	0.0	10.0	15.0	0.0
27	5.0	0.0	25.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	11.0	0.0
28	19.0	10.0	50.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		8.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	328.0	203.0	222.0	343.0	366.0	76.0	73.0	22.0	233.0	489.0	188.0	148.0
D. LL.	13	12	13	15	17	3	6	2	11	17	11	6

TOTALES ANUALES — 2691.0 mm. — 126 — Días lluvia

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

ESTACION: LAS PAVAS — MUNICIPIO: MANIZALES — AÑO: 1.982

ALTITUD: 1.420 — LATITUD: 5-06 N. — LONGITUD: 75-36 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	14.0	0.0	11.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	23.0	0.0
2	8.0	0.0	16.0	4.0	18.0	0.0	0.0	0.0	0.0	44.0	59.0	0.0
3	34.0	0.0	21.0	1.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	14.0
4	65.0	58.0	0.0	2.0	30.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0
5	31.0	0.0	0.0	43.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	15.0
6	0.0	0.0	0.0	0.0	5.0	0.0	0.0	18.0	0.0	0.0	19.0	0.0
7	25.0	0.0	0.0	8.0	3.0	0.0	8.0	0.0	0.0	56.0	4.0	0.0
8	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
9	0.0	28.0	0.0	0.0	67.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
10	0.0	41.0	9.0	0.0	0.0	8.0	2.0	0.0	49.0	27.0	0.0	0.0
11	0.0	10.0	0.0	23.0	7.0	0.0	25.0	0.0	2.0	0.0	0.0	0.0
12	0.0	0.0	0.0	44.0	0.0	0.0	0.0	0.0	28.0	12.0	11.0	13.0
13	0.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
14	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	9.0	0.0	8.0
15	0.0	0.0	68.0	40.0	12.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0
16	0.0	0.0	37.0	0.0	70.0	0.0	0.0	0.0	19.0	0.0	9.0	3.0
17	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	9.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	27.0	0.0	6.0
19	0.0	5.0	14.0	2.0	0.0	0.0	0.0	0.0	2.0	19.0	10.0	0.0
20	0.0	0.0	0.0	15.0	8.0	0.0	0.0	0.0	0.0	10.0	0.0	26.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
22	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	7.0	0.0
23	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	35.0	4.0	0.0	0.0
24	30.0	0.0	4.0	0.0	6.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
25	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	35.0	0.0	0.0
27	27.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0
28	0.0	30.0	84.0	4.0	0.0	0.0	19.0	0.0	0.0	13.0	0.0	0.0
29	20.0		59.0	18.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0
31	0.0		0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	258.0	222.0	334.0	238.0	249.0	38.0	57.0	28.0	165.0	355.0	172.0	105.0
D. Ll.	10	9	12	14	14	2	5	2	9	18	9	8

TOTALES ANUALES — 2221.0 mm. — 112 Días lluvia

ESTACION: SANTA TERESITA — MUNICIPIO: MANIZALES — AÑO: 1.982

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	20.0	0.0	0.0	0.0	4.0	0.0	3.0	0.0	0.0	0.0	22.0	0.0
2	25.0	0.0	21.0	0.0	23.0	0.0	0.0	14.0	0.0	45.0	32.0	0.0
3	42.0	62.0	14.0	7.0	5.0	0.0	0.0	0.0	0.0	19.0	4.0	0.0
4	37.0	25.0	32.0	12.0	28.0	0.0	0.0	0.0	0.0	17.0	5.0	0.0
5	35.0	0.0	0.0	25.0	0.0	31.0	0.0	0.0	0.0	0.0	0.0	2.0
6	27.0	16.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	17.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	40.0	0.0	17.0
8	12.0	0.0	0.0	1.0	10.0	0.0	0.0	0.0	4.0	5.0	0.0	29.0
9	12.0	12.0	0.0	25.0	30.0	11.0	0.0	0.0	0.0	24.0	0.0	0.0
10	0.0	35.0	0.0	0.0	0.0	8.0	0.0	0.0	67.0	0.0	0.0	0.0
11	0.0	20.0	0.0	55.0	2.0	0.0	12.0	0.0	10.0	17.0	24.0	0.0
12	0.0	17.0	0.0	0.0	0.0	0.0	9.0	0.0	25.0	0.0	0.0	16.0
13	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	35.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0
15	0.0	0.0	35.0	0.0	24.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0
16	0.0	0.0	12.0	38.0	0.0	0.0	0.0	0.0	0.0	21.0	12.0	0.0
17	0.0	0.0	3.0	0.0	51.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0
18	0.0	0.0	0.0	51.0	8.0	4.0	0.0	0.0	17.0	0.0	0.0	0.0
19	0.0	0.0	0.0	3.0	10.0	0.0	0.0	0.0	0.0	27.0	8.0	21.0
20	0.0	17.0	0.0	3.0	7.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
23	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	18.0	12.0	0.0	0.0
24	15.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	5.0	12.0	0.0	0.0
25	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	17.0	26.0	0.0	0.0
26	16.0	0.0	0.0	14.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0
27	20.0	0.0	42.0	0.0	9.0	0.0	12.0	0.0	0.0	0.0	10.0	0.0
28	0.0	13.0	87.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0
Total	278.0	252.0	351.0	251.0	249.0	59.0	56.0	29.0	172.0	301.0	121.0	94.0
D. Ll.	12	10	12	12	18	5	5	2	9	14	9	6

TOTALES ANUALES — 2213.0 mm. — 114 Días lluvia

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

ESTACION: LA PASTORITA MUNICIPIO: LA VICTORIA AÑO: 1.982

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	42.0	0.0	0.0	11.0	20.0	0.0	0.0	0.0	0.0	27.0	34.0	0.0
2	25.0	7.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	27.0	28.0	0.0
3	85.0	3.0	0.0	13.0	59.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0
4	75.0	30.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	24.0	10.0	0.0
5	2.0	0.0	1.0	26.0	3.0	0.0	0.0	24.0	0.0	0.0	0.0	29.0
6	19.0	34.0	0.0	0.0	2.0	0.0	0.0	31.0	0.0	0.0	0.0	15.0
7	0.0	0.0	0.0	9.0	113.0	0.0	0.0	0.0	0.0	37.0	9.0	82.0
8	3.0	20.0	8.0	0.0	13.0	0.0	0.0	0.0	43.0	13.0	0.0	0.0
9	1.0	15.0	0.0	39.0	27.0	0.0	0.0	0.0	0.0	162.0	0.0	3.0
10	1.0	42.0	10.0	0.0	0.0	0.0	0.0	0.0	14.0	9.0	12.0	3.0
11	10.0	0.0	30.0	32.0	0.0	24.0	0.0	0.0	7.0	0.0	46.0	5.0
12	0.0	0.0	1.0	15.0	27.0	1.0	0.0	0.0	10.0	0.0	0.0	13.0
13	1.0	13.0	60.0	18.0	0.0	0.0	0.0	0.0	8.0	8.0	0.0	9.0
14	43.0	0.0	1.0	17.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0
15	60.0	37.0	0.0	16.0	0.0	0.0	0.0	17.0	61.0	0.0	0.0	0.0
16	2.0	1.0	1.0	3.0	0.0	0.0	0.0	0.0	4.0	5.0	4.0	89.0
17	0.0	0.0	0.0	2.0	53.0	0.0	0.0	0.0	0.0	12.0	0.0	38.0
18	0.0	33.0	3.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	30.0	0.0	0.0	0.0	30.0	2.0	0.0	0.0	20.0	35.0	0.0
20	12.0	77.0	5.0	0.0	57.0	0.0	0.0	0.0	0.0	25.0	0.0	13.0
21	3.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	57.0	48.0	9.0
22	0.0	12.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	22.0	23.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	39.0
24	3.0	65.0	1.0	0.0	16.0	0.0	0.0	0.0	130.0	0.0	0.0	0.0
25	0.0	63.0	38.0	0.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	53.0	0.0	2.0	0.0	0.0	0.0	0.0	22.0
27	0.0	42.0	9.0	69.0	0.0	0.0	21.0	0.0	35.0	0.0	0.0	14.0
28	54.0	3.0	0.0	6.0	0.0	0.0	0.0	0.0	8.0	0.0	2.0	0.0
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0
30	8.0		1.0	10.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
31	22.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0
Total	471.0	527.0	169.0	326.0	500.0	55.0	25.0	72.0	340.0	504.0	268.0	283.0
D. LL.	20	18	14	19	14	3	3	3	12	17	12	15

TOTALES ANUALES 3640.0 mm. 150 Días lluvia

ESTACION: TESORITO MUNICIPIO: MANIZALES AÑO: 1.982

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	33.0	2.0	2.0	4.0	15.0	0.0	0.0	0.0	8.0	7.0	0.0	7.0
2	33.0	6.0	6.0	11.0	5.0	0.0	3.0	0.0	6.0	4.0	12.0	2.0
3	12.0	3.0	6.0	6.0	12.0	2.0	0.0	0.0	4.0	6.0	13.0	5.0
4	27.0	3.0	9.0	12.0	0.0	1.0	0.0	0.0	10.0	1.0	17.0	2.0
5	18.0	9.0	5.0	3.0	7.0	0.0	1.0	0.0	15.0	6.0	5.0	2.0
6	25.0	2.0	12.0	0.0	21.0	3.0	0.0	0.0	0.0	9.0	14.0	4.0
7	10.0	0.0	8.0	2.0	19.0	4.0	0.0	0.0	1.0	6.0	15.0	14.0
8	24.0	15.0	10.0	1.0	24.0	2.0	0.0	1.0	6.0	20.0	0.0	2.0
9	13.0	14.0	5.0	13.0	25.0	1.0	0.0	1.0	4.0	15.0	13.0	16.0
10	21.0	10.0	12.0	4.0	18.0	2.0	0.0	0.0	2.0	10.0	13.0	14.0
11	0.0	14.0	6.0	7.0	32.0	0.0	0.0	0.0	2.0	0.0	11.0	12.0
12	0.0	15.0	19.0	15.0	17.0	0.0	0.0	0.0	4.0	15.0	19.0	3.0
13	0.0	7.0	5.0	10.0	4.0	1.0	0.0	0.0	0.0	18.0	10.0	13.0
14	0.0	3.0	5.0	22.0	5.0	1.0	1.0	0.0	0.0	12.0	20.0	3.0
15	0.0	4.0	0.0	15.0	15.0	1.0	0.0	0.0	8.0	11.0	11.0	5.0
16	0.0	2.0	10.0	23.0	22.0	2.0	1.0	0.0	16.0	6.0	10.0	5.0
17	0.0	0.0	15.0	12.0	20.0	0.0	0.0	0.0	19.0	13.0	1.0	3.0
18	0.0	3.0	20.0	8.0	19.0	0.0	0.0	0.0	4.0	17.0	21.0	4.0
19	0.0	0.0	4.0	11.0	18.0	0.0	0.0	0.0	1.0	4.0	11.0	5.0
20	0.0	0.0	2.0	10.0	4.0	0.0	0.0	0.0	3.0	12.0	0.0	0.0
21	0.0	0.0	3.0	6.0	14.0	0.0	0.0	0.0	3.0	37.0	0.0	2.0
22	0.0	1.0	3.0	18.0	29.0	1.0	6.0	0.0	1.0	27.0	4.0	3.0
23	0.0	4.0	15.0	9.0	11.0	1.0	2.0	0.0	2.0	25.0	0.0	5.0
24	0.0	2.0	16.0	4.0	22.0	0.0	0.0	0.0	8.0	18.0	0.0	2.0
25	16.0	2.0	9.0	8.0	15.0	0.0	1.0	0.0	6.0	5.0	1.0	1.0
26	35.0	1.0	5.0	0.0	26.0	0.0	0.0	0.0	2.0	3.0	0.0	3.0
27	14.0	0.0	5.0	8.0	22.0	0.0	0.0	0.0	3.0	5.0	0.0	1.0
28	14.0	1.0	0.0	14.0	20.0	0.0	0.0	0.0	9.0	10.0	0.0	0.0
29	7.0		0.0	9.0	11.0	1.0	0.0	0.0	5.0	12.0	0.0	2.0
30	4.0		10.0	4.0	8.0	0.0	0.0	0.0	5.0	14.0	0.0	1.0
31	2.0		6.0	0.0	8.0	0.0	0.0	1.0	0.0	14.0	0.0	0.0
Total	308.0	123.0	233.0	269.0	489.0	23.0	15.0	3.0	157.0	362.0	221.0	141.0
D. LL.	17	22	28	28	30	14	7	3	27	30	19	28

TOTALES ANUALES 2343.0 mm. 253 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: 1.982

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	5.0	0.0	6.0	0.0	0.0	0.0	10.0	10.0	0.0	0.0	15.0	0.0
2	2.0	0.0	3.0	20.0	0.0	10.0	0.0	0.0	0.0	0.0	50.0	0.0
3	35.0	20.0	30.0	4.0	10.0	0.0	0.0	0.0	10.0	40.0	30.0	0.0
4	60.0	0.0	0.0	0.0	30.0	2.0	0.0	0.0	0.0	25.0	0.0	0.0
5	10.0	10.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0
6	30.0	20.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0
7	45.0	0.0	0.0	10.0	10.0	0.0	5.0	30.0	10.0	30.0	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	30.0	0.0
9	0.0	0.0	0.0	10.0	0.0	35.0	0.0	0.0	0.0	0.0	10.0	0.0
10	0.0	20.0	18.0	0.0	2.0	10.0	0.0	0.0	10.0	0.0	10.0	0.0
11	0.0	10.0	0.0	50.0	20.0	0.0	10.0	0.0	20.0	0.0	5.0	0.0
12	0.0	0.0	0.0	0.0	10.0	0.0	50.0	0.0	40.0	30.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0	25.0
14	0.0	20.0	15.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	15.0	10.0
15	0.0	0.0	50.0	30.0	20.0	0.0	0.0	5.0	10.0	0.0	80.0	40.0
16	0.0	0.0	20.0	20.0	10.0	0.0	0.0	0.0	40.0	0.0	30.0	15.0
17	0.0	0.0	0.0	0.0	60.0	20.0	0.0	0.0	0.0	20.0	5.0	0.0
18	0.0	0.0	0.0	20.0	5.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0
19	0.0	30.0	0.0	10.0	6.0	0.0	30.0	0.0	0.0	0.0	50.0	0.0
20	0.0	0.0	0.0	10.0	40.0	0.0	0.0	0.0	0.0	20.0	0.0	25.0
21	0.0	0.0	0.0	0.0	30.0	2.0	0.0	0.0	0.0	10.0	40.0	30.0
22	0.0	0.0	10.0	0.0	30.0	0.0	0.0	0.0	30.0	0.0	0.0	55.0
23	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0
24	20.0	0.0	0.0	20.0	20.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
25	0.0	0.0	0.0	40.0	10.0	4.0	0.0	0.0	0.0	55.0	30.0	0.0
26	30.0	0.0	0.0	30.0	0.0	0.0	40.0	0.0	0.0	0.0	30.0	0.
27	0.0	0.0	25.0	20.0	0.0	0.0	6.0	20.0	0.0	0.0	0.0	0.0
28	20.0	25.0	15.0	0.0	6.0	0.0	10.0	0.0	40.0	0.0	0.0	30.0
29	0.0		25.0	6.0	45.0	0.0	0.0	0.0	15.0	0.0	0.0	40.
30	0.0		0.0	0.0	6.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
31	0.0		0.0	0.0	10.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0
Total	257.0	155.0	217.0	302.0	420.0	83.0	161.0	115.0	310.0	350.0	430.0	305.0
D. LL	10	8	11	16	22	7	8	5	15	12	15	10

TOTALES ANUALES — 3105.0 mm. — 139 Días lluvia

ESTACION: LA FRANCIA — MUNICIPIO: CHINCHINA — AÑO: 1.982

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	6.0	0.0	27.0	0.0	0.0	0.0	0.0	12.0	0.0	26.0	31.0	0.0
2	7.0	0.0	3.0	12.0	0.0	8.0	0.0	5.0	0.0	19.0	36.0	0.0
3	24.8	0.0	7.0	3.0	23.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
4	20.9	18.0	7.0	56.0	0.0	0.0	1.0	0.0	0.0	38.0	0.0	0.0
5	11.0	14.0	6.0	55.0	28.0	9.0	3.0	0.0	0.0	0.0	0.0	0.0
6	21.0	0.0	0.0	22.0	0.0	0.0	0.0	57.0	0.0	3.0	0.0	0.0
7	28.2	2.0	0.0	0.0	8.0	11.0	0.0	82.0	0.0	0.0	0.0	0.0
8	20.0	0.0	0.0	2.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0
9	9.0	15.0	0.0	4.0	0.0	60.0	0.0	0.0	0.0	0.0	19.0	0.0
10	7.0	0.0	7.0	0.0	48.0	42.0	0.0	0.0	27.0	19.0	0.0	0.0
11	0.0	13.0	0.0	52.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	22.0
12	0.0	17.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	21.0
13	0.0	0.0	5.0	0.0	0.0	12.0	0.0	0.0	47.0	10.0	0.0	0.0
14	10.0	30.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	4.0	5.0	19.0	0.0	0.0	0.0	17.0	7.0	0.0	0.0
16	0.0	10.0	0.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0	39.0	0.0
17	0.0	0.0	2.0	0.0	29.0	0.0	0.0	0.0	47.0	15.0	0.0	0.0
18	0.0	44.0	0.0	12.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0
20	0.0	0.0	0.0	0.0	44.0	0.0	0.0	0.0	8.0	0.0	0.0	33.0
21	9.0	0.0	0.0	0.0	11.0	52.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	18.0	27.0	4.0	0.0	0.0	0.0	12.0	17.0	30.0	0.0
23	0.0	0.0	14.0	0.0	14.0	0.0	0.0	0.0	3.0	22.0	0.0	0.0
24	0.0	0.0	1.0	0.0	33.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0
25	0.0	2.0	0.0	4.0	0.0	36.0	0.0	0.0	0.0	0.0	32.0	0.0
26	32.0	0.0	58.0	0.0	12.0	0.0	14.0	0.0	0.0	11.0	0.0	0.0
27	58.0	7.0	24.0	0.0	0.0	0.0	24.0	0.0	48.0	0.0	0.0	0.0
28	38.0	0.0	30.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		0.0	12.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		1.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	301.9	172.0	221.0	288.0	387.0	230.0	52.0	156.0	226.0	246.0	187.0	89.0
D. LL.	15	11	18	14	16	8	5	4	9	15	6	4

TOTALES ANUALES — 2555.9 mm. — 125 Días lluvia

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

ESTACION: PERNAMBUCO MUNICIPIO: FILADELFIA AÑO: 1.982

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	10.0	0.0	0.0	0.0	20.0	40.0	0.0	0.0	0.0	40.0		
2	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
3	0.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0		
4	0.0	20.0	0.0	0.0	0.0	60.0	0.0	0.0	0.0	34.0		
5	0.0	5.0	62.0	0.0	40.0	0.0	0.0	10.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0		
7	0.0	0.0	0.0	10.0	50.0	6.0	0.0	10.0	0.0	0.0		
8	131.0	10.0	10.0	11.0	0.0	0.0	0.0	10.0	0.0	0.0		
9	0.0	11.0	20.0	30.0	20.0	0.0	0.0	0.0	160.0	0.0		
10	0.0	12.0	0.0	129.0	10.0	0.0	0.0	0.0	0.0	23.0		
11	0.0	0.0	0.0	30.0	12.0	50.0	0.0	0.0	0.0	34.0		
12	0.0	0.0	0.0	0.0	124.0	131.0	0.0	0.0	0.0	70.0		
13	32.0	82.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0		
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150.0		
15	0.0	10.0	0.0	10.0	0.0	0.0	0.0	0.0	30.0	0.0		
16	0.0	0.0	78.0	0.0	20.0	0.0	0.0	0.0	60.0	7.0		
17	0.0	0.0	0.0	0.0	90.0	10.0	0.0	0.0	0.0	7.0		
18	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	10.0	50.0	0.0	10.0	0.0	0.0	0.0		
20	0.0	75.0	10.0	0.0	70.0	0.0	0.0	0.0	0.0	37.0		
21	0.0	0.0	0.0	0.0	80.0	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		
23	0.0	0.0	30.0	0.0	90.0	0.0	0.0	0.0	10.0	0.0		
24	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	59.0	0.0		
25	0.0	10.0	0.0	10.0	100.0	0.0	0.0	0.0	5.0	31.0		
26	10.0	0.0	0.0	0.0	40.0	0.0	0.0	10.0	30.0	63.0		
27	0.0	20.0	55.0	0.0	135.0	0.0	10.0	0.0	50.0	7.0		
28	11.0	99.0	11.0	50.0	0.0	0.0	0.0	0.0	110.0	37.0		
29	0.0		0.0	10.0	30.0	0.0	30.0	0.0	40.0	56.0		
30	0.0		0.0	60.0	0.0	0.0	0.0	0.0	20.0	0.0		
31	5.0		0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0		
Total	210.0	354.0	346.0	390.0	71.0	347.0	50.0	40.0	574.0	609.0		
D. LL.	7	11	10	12	20	7	3	4	11	15		

TOTALES ANUALES mm. Días lluvia

ESTACION: PORTACHUELO MUNICIPIO: ROSAS AÑO: 1.982

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	1.0	4.0	9.0	0.0	13.0	0.0	0.0	0.0	0.0	26.0	49.0	0.0
2	33.0	6.0	14.0	13.0	0.0	0.0	0.0	0.0	0.0	31.0	16.0	26.0
3	47.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	16.0	38.0	6.0
4	20.5	0.0	0.0	44.0	16.0	0.0	0.0	0.0	0.0	10.0	2.0	25.0
5	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	5.0
6	30.0	20.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	7.0
7	27.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0
8	0.0	11.0	42.0	35.5	2.0	0.0	0.0	0.0	4.0	22.0	0.0	26.0
9	2.0	0.0	0.0	13.0	3.0	0.0	0.0	0.0	12.0	28.0	48.0	26.0
10	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	13.0	36.0	0.0
11	0.0	30.5	0.0	78.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	49.0
12	0.0	0.0	29.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0
13	0.0	39.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	13.5	35.0	0.0	0.0	15.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0
15	2.0	1.0	31.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	37.5	0.0
16	85.0	0.0	48.0	30.0	8.0	0.0	0.0	0.0	43.0	21.0	0.0	15.0
17	0.0	24.0	20.0	10.0	3.0	0.0	0.0	0.0	35.0	3.0	0.0	51.0
18	0.0	20.0	26.0	10.0	25.0	0.0	0.0	0.0	5.0	19.0	18.0	38.0
19	0.0	13.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	6.0	72.0	57.0
20	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0
21	12.0	11.0	1.0	0.0	15.0	0.0	0.0	0.0	0.0	44.0	22.0	0.0
22	2.0	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0	19.0	0.0	6.0
23	0.0	3.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	8.5	0.0	3.0
24	36.5	0.0	22.0	0.0	0.0	0.0	0.0	0.0	20.0	17.0	0.0	48.0
25	40.0	0.0	20.0	0.0	7.0	0.0	0.0	0.0	6.0	0.0	18.0	0.0
26	29.0	0.0	15.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	71.0	0.0
27	15.0	0.0	14.0	0.0	3.5	0.0	25.0	0.0	3.0	0.0	39.0	11.0
28	0.0	0.0	0.0	35.0	5.0	0.0	4.0	0.0	12.0	0.0	0.0	30.0
29	12.0		0.0	0.0	1.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
30	4.0		1.5	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
Total	439.5	220.5	292.5	333.0	199.0	0.0	29.0	0.0	156.0	351.5	516.5	429.0
D. LL.	19	14	14	13	20	0	2	0	12	19	16	17

TOTALES ANUALES 2966.5 mm. 146 Días lluvia

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

ESTACION: INSTITUTO TECNICO MUNICIPIO: SANTANDER AÑO: 1.982

ALTITUD: 1.112 LATITUD: 3-01 N. LONGITUD: 76-29 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	4.0	0.0	17.0	5.0	0.0	0.0	0.0	0.0	0.0	13.0	1.0	2.0
2	15.0	6.0	26.0	17.0	0.0	0.0	0.0	0.0	0.0	31.0	9.0	0.0
3	67.0	0.0	0.0	8.0	7.0	0.0	0.0	0.0	0.0	0.0	37.0	33.0
4	18.0	0.0	50.0	7.0	0.0	2.0	0.0	0.0	0.0	46.0	2.0	4.0
5	30.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	5.0
6	0.0	35.0	0.0	18.0	0.0	0.0	11.0	0.0	0.0	26.0	21.0	0.0
7	0.0	0.0	4.0	10.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	6.0
8	0.0	12.0	31.0	16.0	4.0	1.0	2.0	0.0	0.0	1.0	0.0	3.0
9	0.0	0.0	0.0	4.0	13.0	0.0	0.0	0.0	0.0	5.0	30.0	0.0
10	0.0	0.0	13.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	70.0	0.0
11	0.0	2.0	0.0	20.0	0.0	0.0	39.0	0.0	0.0	1.0	3.0	4.0
12	0.0	33.0	0.0	3.0	0.0	0.0	3.0	0.0	3.0	0.0	0.0	2.0
13	9.0	36.0	0.0	0.0	27.0	0.0	0.0	0.0	20.0	0.0	0.0	39.0
14	0.0	36.0	9.0	0.0	15.0	0.0	0.0	0.0	1.0	20.0	10.0	0.0
15	0.0	1.0	7.0	0.0	11.0	0.0	0.0	0.0	19.0	22.0	6.0	8.0
16	50.0	0.0	3.0	51.0	0.0	0.0	0.0	0.0	6.0	2.0	0.0	0.0
17	0.0	0.0	29.0	9.0	14.0	0.0	0.0	0.0	3.0	3.0	0.0	9.0
18	0.0	0.0	0.0	19.0	15.0	38.0	0.0	0.0	2.0	10.0	70.0	3.0
19	0.0	58.0	0.0	16.0	20.0	0.0	0.0	0.0	1.0	31.0	12.0	4.0
20	0.0	0.0	3.0	15.0	4.0	0.0	0.0	0.0	11.0	0.0	5.0	3.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	10.0	0.0
22	0.0	0.0	6.0	19.0	0.0	0.0	0.0	0.0	33.0	6.0	0.0	2.0
23	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
24	0.0	2.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	1.0	4.0	0.0
25	10.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0	6.0	3.0	0.0	0.0
26	25.0	2.0	34.0	39.0	6.0	0.0	2.0	0.0	2.0	0.0	6.0	2.0
27	5.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	34.0	3.0	2.0	0.0
28	0.0	0.0	0.0	52.0	2.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0
29	0.0		23.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
31	1.0		3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	234.0	249.0	267.0	329.0	174.0	81.0	61.0	0.0	160.0	256.0	313.0	134.0
D. LL	11	12	16	19	14	4	7	0	15	18	18	18

TOTALES ANUALES 2258.0 mm. 152 Días lluvia

ESTACION: LA TRINIDAD MUNICIPIO: PIENDAMO AÑO: 1.982

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	18.0	7.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	42.0	0.0
2	38.0	0.0	39.0	6.0	4.0	0.0	0.0	0.0	0.0	9.0	61.0	12.0
3	29.0	5.0	0.0	3.0	0.0	4.0	7.0	0.0	0.0	10.0	12.0	9.0
4	19.0	18.0	41.0	9.0	7.0	0.0	2.0	0.0	0.0	6.0	4.0	42.0
5	0.0	24.0	0.0	1.0	3.0	0.0	0.0	0.0	0.0	0.0	18.0	16.0
6	0.0	7.0	39.0	9.0	17.0	0.0	6.0	0.0	0.0	0.0	29.0	28.0
7	3.0	2.0	12.0	2.0	30.0	0.0	0.0	0.0	0.0	19.0	0.0	4.0
8	5.0	11.0	6.0	1.0	12.0	1.0	0.0	0.0	0.0	39.0	0.0	2.0
9	0.0	0.0	14.0	4.0	7.0	0.0	21.0	0.0	0.0	24.0	0.0	0.0
10	0.0	4.0	10.0	8.0	16.0	0.0	1.0	0.0	8.0	5.0	21.0	15.0
11	9.0	36.0	0.0	6.0	3.0	15.0	3.0	0.0	7.0	0.0	15.0	46.0
12	0.0	8.0	6.0	2.0	4.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0
13	0.0	9.0	28.0	7.0	12.0	1.0	0.0	0.0	29.0	2.0	34.0	0.0
14	0.0	0.0	9.0	5.0	42.0	6.0	0.0	0.0	0.0	0.0	9.0	2.0
15	15.0	38.0	18.0	45.0	18.0	0.0	0.0	0.0	17.0	0.0	12.0	1.0
16	3.0	23.0	24.0	4.0	11.0	2.0	0.0	0.0	40.0	9.0	16.0	0.0
17	1.0	10.0	41.0	0.0	9.0	4.0	0.0	0.0	0.0	0.0	4.0	18.0
18	0.0	6.0	2.0	37.0	6.0	0.0	0.0	0.0	31.0	4.0	0.0	11.0
19	0.0	12.0	8.0	8.0	11.0	0.0	0.0	0.0	0.0	15.0	28.0	15.0
20	12.0	6.0	0.0	43.0	16.0	0.0	0.0	0.0	0.0	2.0	19.0	0.0
21	0.0	9.0	0.0	17.0	13.0	0.0	0.0	0.0	0.0	64.0	10.0	4.0
22	0.0	0.0	0.0	8.0	19.0	12.0	0.0	0.0	0.0	18.0	14.0	9.0
23	0.0	10.0	1.0	25.0	7.0	3.0	0.0	0.0	24.0	91.0	0.0	0.0
24	9.0	0.0	71.0	0.0	14.0	0.0	0.0	0.0	18.0	19.0	32.0	0.0
25	16.0	0.0	12.0	0.0	28.0	6.0	0.0	0.0	32.0	8.0	23.0	0.0
26	8.0	7.0	69.0	38.0	4.0	0.0	24.0	0.0	16.0	0.0	0.0	5.0
27	15.0	6.0	6.0	6.0	6.0	2.0	4.0	0.0	1.0	0.0	11.0	45.0
28	53.0	0.0	18.0	0.0	14.0	0.0	2.0	0.0	0.0	12.0	20.0	16.0
29	0.0		1.0	18.0	8.0	0.0	7.0	0.0	2.0	9.0	8.0	12.0
30	0.0		1.0	0.0	2.0	0.0	0.0	0.0	5.0	0.0	6.0	0.0
31	12.0		1.0	0.0	2.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0
Total	265.0	258.0	484.0	312.0	345.0	56.0	77.0	0.0	230.0	410.0	466.0	312.0
D. LL	17	21	25	24	29	11	10	0	13	21	24	20

TOTALES ANUALES 3215.0 mm. 215 Días lluvia

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

ESTACION: LOS PANTANOS — MUNICIPIO: VERGARA — AÑO: 1.982

ALTITUD: 1.550 — LATITUD: 5-07 N. — LONGITUD: 74-21 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	3.0	15.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	20.0	0.0	15.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	20.0	10.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	25.0
5	0.0	25.0	0.0	5.0	10.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
6	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	10.0
7	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	10.0	5.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0
9	0.0	0.0	10.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
10	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	3.0	0.0	0.0	0.0
11	50.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	10.0	0.0	0.0	10.0	5.0	0.0	0.0	15.0	10.0	25.0	0.0
13	0.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	10.0	25.0	0.0	0.0
14	10.0	35.0	25.0	0.0	20.0	0.0	0.0	0.0	20.0	0.0	50.0	0.0
15	0.0	5.0	15.0	10.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
16	0.0	0.0	40.0	15.0	10.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0
17	0.0	20.0	15.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	15.0	5.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	30.0	0.0	0.0	5.0	3.0	0.0	0.0	0.0	20.0	0.0	0.0
20	15.0	10.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	30.0	0.0	0.0	15.0	0.0	0.0	0.0	15.0	40.0	15.0	60.0
22	0.0	35.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0
23	0.0	25.0	15.0	0.0	25.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	30.0	10.0	0.0	5.0	0.0	0.0	0.0	0.0	30.0	0.0	15.0
26	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
27	0.0	35.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
28	0.0	5.0	75.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		10.0	5.0	0.0	0.0	0.0	10.0	20.0	0.0	0.0	0.0
30	0.0		0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	20.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	138.0	355.0	293.0	154.0	265.0	18.0	30.0	10.0	118.0	185.0	138.0	150.0
D. Ll.	8	18	15	11	15	3	2	1	8	9	7	5

TOTALES ANUALES — 1854.0 mm. — 102 Días lluvia

ESTACION: SECRETARIA DE AGRICULTURA — MUNICIPIO: GUADUAS — AÑO: 1.982

ALTITUD: 1.060 — LATITUD: 5-04 N. — LONGITUD: 74-36 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	28.0	2.0	8.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0
2	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	13.0	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	19.0
4	0.0	8.0	0.0	11.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	3.0	0.0	67.0	0.0	0.0	0.0	0.0	3.0	9.0	0.0	7.0
6	0.0	19.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	12.0	46.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	12.0	3.0
8	0.0	11.0	0.0	16.0	0.0	0.0	4.0	0.0	0.0	3.0	0.0	0.0
9	0.0	1.0	0.0	56.0	0.0	0.0	9.0	0.0	4.0	4.0	0.0	0.0
10	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0
11	0.0	7.0	12.0	35.0	5.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	22.0	0.0	1.0	0.0	16.0	0.0	0.0	2.0	3.0	11.0	0.0
13	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	3.0	2.0	0.0	0.0
14	0.0	33.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
15	0.0	6.0	7.0	0.0	2.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0
16	0.0	0.0	24.0	5.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0
17	0.0	0.0	4.0	12.0	21.0	0.0	0.0	0.0	54.0	1.0	23.0	0.0
18	0.0	9.0	13.0	3.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
19	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0
20	8.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	9.0	8.0	0.0
21	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	47.0	22.0	21.0
22	0.0	0.0	0.0	17.0	33.0	0.0	0.0	0.0	0.0	31.0	24.0	0.0
23	3.0	0.0	30.0	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	16.0	43.0	0.0	0.0	0.0	3.0	4.0	0.0	0.0
25	0.0	0.0	34.0	0.0	3.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	6.0	0.0	30.0	8.0
27	0.0	0.0	0.0	27.0	0.0	0.0	4.0	0.0	16.0	0.0	0.0	2.0
28	0.0	20.0	19.0	11.0	0.0	0.0	7.0	0.0	8.0	0.0	0.0	0.0
29	13.0		0.0	22.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
31	0.0		21.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
Total	52.0	156.0	172.0	341.0	193.0	31.0	24.0	0.0	157.0	198.0	182.0	60.0
D. Ll.	4	13	10	20	11	2	4	0	14	18	9	6

TOTALES ANUALES — 1566.0 mm. — 111 Días lluvia

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

ESTACION: EL PARAISO — MUNICIPIO: CAPARRAPI — AÑO: 1.982

ALTITUD: 1.450 — LATITUD: 5-19 N. — LONGITUD: 74-29 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	71.0	25.0
2	2.0	40.0	0.0	20.0	10.0	7.0	0.0	0.0	0.0	32.0	0.0	0.0
3	3.0	0.0	0.5	25.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
4	4.0	0.3	0.0	15.0	5.0	5.0	0.0	0.0	0.0	0.0	30.0	0.0
5	3.0	0.0	0.0	20.0	15.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
6	5.0	0.0	0.0	30.0	0.0	3.0	0.0	0.0	0.0	0.0	35.0	30.0
7		0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	36.0
8		0.0	0.0	15.0	30.0	10.0	0.0	0.0	0.0	0.0	4.0	0.0
9		0.0	0.0	5.0	0.0	0.0	0.0	0.0	60.0	35.0	0.0	0.0
10		40.0	0.0	10.0	45.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0
11		25.0	0.0	5.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
12		0.0	15.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13		0.0	0.5	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14		0.0	0.7	28.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15		0.0	0.0	0.0	15.0	0.0	0.0	0.0	81.0	0.0	0.0	0.0
16		13.0	0.0	40.0	25.0	0.0	0.0	0.0	2.0	21.0	0.0	0.0
17		0.0	25.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18		0.0	38.0	0.0	10.0	0.0	0.0	0.0	20.0	20.0	15.0	0.0
19		0.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0	81.0	20.0	0.0
20		15.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0
21		0.0	0.0	30.0	10.0	0.0	0.0	0.0	0.0	30.0	25.0	0.0
22		0.0	0.0	10.0	5.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0
23		0.0	0.0	5.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
24		0.0	0.0	0.0	5.0	0.0	0.0	0.0	25.0	0.0	35.0	30.0
25		0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26		10.0	0.0	20.0	5.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
27		0.0	10.0	0.0	0.0	0.0	8.0	0.0	0.0	27.0	0.0	0.0
28		0.0	36.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29			0.0	5.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
30			0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total		143.3	125.7	408.0	265.0	40.0	8.0	0.0	214.0	319.0	280.0	141.0
D. Ll.		7	8	22	20	6	1	0	7	11	10	5

TOTALES ANUALES — mm. — Días lluvia

ESTACION: SECRETARIA DE AGRICULTURA — MUNICIPIO: LA PALMA — AÑO: 1.982

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	12.0	14.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0
2	3.0	9.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	16.1	0.0
3	8.0	2.0	0.0	3.0	10.0	0.0	0.0	0.0	2.0	26.0	8.1	7.0
4	2.0	0.0	4.0	0.0	18.0	0.0	20.0	0.0	0.0	3.0	0.0	0.0
5	0.0	0.0	19.0	9.0	0.0	0.0	0.0	0.0	0.0	48.0	22.0	0.0
6	14.0	30.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	5.0	32.0
7	0.0	0.0	1.0	20.0	0.0	0.0	5.5	0.0	0.0	5.0	0.0	0.0
8	0.0	23.0	0.0	6.0	18.0	0.0	1.5	9.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0
10	10.0	12.0	13.0	8.0	4.0	27.0	0.0	0.0	27.0	10.0	38.0	0.0
11	0.0	6.0	5.0	38.0	4.0	9.0	0.0	0.0	0.0	0.0	16.0	0.0
12	33.0	14.0	3.0	3.0	0.0	2.0	0.0	0.0	0.0	3.0	15.1	0.0
13	0.0	20.0	20.0	10.0	0.0	0.0	0.0	0.0	4.0	15.0	0.0	0.0
14	0.0	18.0	4.0	0.0	6.0	0.0	0.0	0.0	0.0	13.0	0.0	7.0
15	0.0	12.0	10.0	18.0	0.0	0.0	0.0	0.0	35.0	7.0	0.0	0.0
16	0.0	0.0	7.0	4.0	2.0	0.0	0.0	4.0	17.0	0.0	14.0	0.0
17	0.0	9.0	9.0	17.0	10.0	0.0	0.0	0.0	9.0	0.0	0.0	10.0
18	0.0	0.0	6.0	0.0	2.0	0.0	0.0	0.0	14.0	40.0	0.0	2.0
19	0.0	0.0	25.0	8.0	15.0	19.0	0.0	0.0	10.0	58.0	0.0	0.0
20	65.0	3.0	0.0	17.0	19.0	1.0	0.0	0.0	0.0	7.0	16.0	1.1
21	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	30.0	8.1	61.0
22	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	25.0	0.0	13.0
23	0.0	0.0	13.0	28.0	0.0	0.0	0.0	0.0	22.0	20.0	1.0	0.0
24	0.0	0.0	0.0	16.0	51.0	0.0	0.0	0.0	30.0	3.0	0.0	0.0
25	0.0	23.0	3.0	0.0	15.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0
26	0.0	5.0	7.0	2.0	1.0	0.0	0.0	0.0	18.5	2.0	15.0	8.0
27	14.0	0.0	0.0	1.0	1.0	12.0	14.0	0.0	37.5	0.0	0.0	0.0
28	22.0	0.0	0.0	18.0	1.0	0.0	20.5	0.0	8.0	0.0	0.0	0.0
29	2.0		5.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	3.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	6.0	6.0	0.0	0.0	0.0
31	1.0		4.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
Total	186.0	200.0	159.0	244.0	251.0	70.0	64.5	19.0	270.0	339.0	188.4	141.1
D. Ll.	12	15	19	19	19	6	7	3	16	19	14	9

TOTALES ANUALES — 2132.0 mm. — 158 — Días lluvia

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

ESTACION: LOS ALPES — MUNICIPIO: GUADUAS — AÑO: 1.982

ALTITUD: 1.600 — LATITUD: 5-05 N. — LONGITUD: 74-34 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1			48.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0
2			0.0	10.0	0.0	0.0	0.0	0.0	0.0	18.0	9.0	0.0
3			0.0	8.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4			1.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5			0.0	18.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6			0.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	5.0
7			0.0	5.0	0.0	0.0	0.0	0.0	0.0	28.0	12.0	0.0
8			0.0	26.0	8.0	0.0	0.0	0.0	39.0	27.0	0.0	9.0
9			0.0	8.0	0.0	0.0	0.0	0.0	38.0	2.0	0.0	0.0
10			0.0	10.0	12.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0
11			13.0	34.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0
12		8.0	0.0	1.0	4.0	8.0	0.0	0.0	0.0	7.0	0.0	0.0
13		27.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
14		35.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	6.0
15		19.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0	6.0	0.0	0.0
16		2.0	40.0	33.0	5.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
17		0.0	14.0	18.0	49.0	0.0	0.0	0.0	0.0	0.0	4.0	2.0
18		55.0	34.0	17.0	0.0	0.0	0.0	0.0	2.0	5.0	6.0	2.0
19		5.0	3.0	13.0	4.0	0.0	0.0	0.0	0.0	10.0	8.0	3.0
20		3.0	9.0	7.0	24.0	0.0	0.0	0.0	0.0	4.0	18.0	0.0
21		0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	12.0	10.0	2.0
22		0.0	0.0	2.0	7.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
23		0.0	53.0	0.0	6.0	0.0	0.0	0.0	4.0	10.0	0.0	10.0
24		0.0	14.0	0.0	5.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
25		0.0	15.0	0.0	48.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26		0.0	0.0	3.0	6.0	0.0	0.0	0.0	6.0	0.0	15.0	0.0
27		0.0	0.0	22.0	4.0	0.0	0.0	0.0	15.0	0.0	24.0	4.0
28		0.0	2.0	4.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
29			0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
30			0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
31			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total			249.0	299.0	205.0	20.0	0.0	0.0	127.0	144.0	169.0	54.0
D. LL.			13	23	17	2	0	0	8	15	13	11

TOTALES ANUALES — mm. — Días lluvia

ESTACION: LOS ALEROS — MUNICIPIO: LA VEGA — AÑO: 1.982

ALTITUD: — LATITUD: 4-58 N. — LONGITUD: 74-18 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1					5.0	0.0	0.0	0.0	0.0	20.0	20.0	0.0
2					5.0	5.0	0.0	0.0	0.0	10.0	10.0	10.0
3					20.0	0.0	0.0	0.0	0.0	0.0	10.0	40.0
4					10.0	10.0	0.0	0.0	0.0	10.0	10.0	20.0
5					10.0	5.0	0.0	0.0	0.0	10.0	10.0	25.0
6					0.0	10.0	0.0	0.0	0.0	0.0	10.0	10.0
7					0.0	5.0	0.0	0.0	0.0	0.0	20.0	20.0
8					0.0	5.0	0.0	0.0	0.0	0.0	10.0	10.0
9					0.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0
10					5.0	0.0	0.0	0.0	60.0	20.0	20.0	20.0
11					5.0	0.0	0.0	0.0	5.0	10.0	0.0	0.0
12					0.0	0.0	5.0	0.0	0.0	10.0	0.0	0.0
13					10.0	5.0	0.0	0.0	0.0	10.0	0.0	0.0
14					20.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
15					5.0	5.0	0.0	0.0	10.0	0.0	0.0	0.0
16					10.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0
17					0.0	0.0	0.0	0.0	20.0	10.0	5.0	10.0
18					20.0	0.0	0.0	0.0	10.0	10.0	0.0	10.0
19					20.0	5.0	0.0	0.0	0.0	30.0	20.0	20.0
20					0.0	0.0	0.0	0.0	10.0	30.0	10.0	20.0
21					5.0	5.0	0.0	0.0	20.0	30.0	30.0	10.0
22					0.0	0.0	5.0	0.0	20.0	30.0	30.0	20.0
23					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24					10.0	0.0	0.0	0.0	10.0	0.0	0.0	10.0
25					5.0	0.0	5.0	0.0	0.0	0.0	0.0	10.0
26					0.0	0.0	0.0	0.0	10.0	5.0	30.0	10.0
27					10.0	0.0	0.0	0.0	5.0	5.0	10.0	10.0
28					5.0	0.0	0.0	0.0	0.0	0.0	30.0	10.0
29					10.0	0.0	0.0	0.0	10.0	0.0	30.0	10.0
30					10.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0
31					10.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
Total					210.0	60.0	15.0	0.0	190.0	290.0	315.0	280.0
D. LL.					21	10	3	0	12	20	18	23

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 CARLINA MUNICIPIO: SAN FRANCISCO AÑO: 1.982

ALTITUD: 1.665 LATITUD: 4-59 N. LONGITUD: 74-17 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	14.0	4.0	29.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
2	2.0	0.0	16.0	2.0	5.0	0.0	0.0	0.0	0.0	0.0	27.0	24.0
3	21.0	0.0	5.0	9.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	22.0	17.0	2.0	12.0	8.0	0.0	0.0	0.0	0.0	26.0	0.0	3.0
5	14.0	1.0	1.0	5.0	9.0	0.0	0.0	0.0	0.0	9.0	28.0	18.0
6	6.0	8.0	4.0	10.0	0.0	9.0	0.0	4.0	0.0	0.0	0.0	3.0
7	3.0	4.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	15.0
8	1.0	0.0	0.5	7.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0
9	7.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	25.0	0.0	0.0
10	0.0	3.0	44.0	0.0	10.0	15.0	0.0	0.0	24.0	3.0	22.0	10.0
11	0.0	7.0	1.0	26.0	0.0	25.0	0.0	0.0	0.0	0.0	18.0	1.0
12	0.0	6.0	16.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	12.0	19.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	2.0	6.0	1.0	50.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	51.0	34.0	16.0	32.0	2.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
16	19.0	4.0	14.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	28.0
17	22.0	28.0	46.0	12.0	19.0	0.0	0.0	0.0	5.0	2.0	0.0	15.0
18	0.0	49.0	62.0	16.0	1.0	0.0	0.0	0.0	0.0	2.0	0.0	11.0
19	0.0	1.0	14.0	2.0	1.0	0.0	0.0	0.0	0.0	11.0	11.0	0.0
20	0.0	6.0	2.0	0.0	15.0	0.0	0.0	0.0	0.0	8.0	7.0	0.0
21	0.0	15.0	0.0	12.0	1.0	0.0	0.0	0.0	0.0	44.0	8.0	10.0
22	0.0	1.0	16.0	8.0	4.0	0.0	0.0	0.0	0.0	4.0	20.0	11.0
23	0.0	2.0	26.0	20.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	8.0
24	0.0	2.0	12.0	2.0	8.0	0.0	0.0	0.0	2.0	0.0	0.0	22.0
25	0.0	10.0	0.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	76.0	8.0	12.0	2.0	0.0	0.0	1.0	0.0	1.0	0.0	4.0	12.0
27	14.0	27.0	0.0	50.0	0.0	0.0	1.0	0.0	0.0	0.0	38.0	10.0
28	22.0	14.0	0.0	5.0	24.0	0.0	0.0	0.0	0.0	2.0	17.0	0.0
29	0.0		8.0	9.0	0.0	0.0	0.0	0.0	0.0	3.0	5.0	0.0
30	2.0		3.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
Total	298.0	269.0	376.5	362.0	117.0	51.0	2.0	4.0	38.0	166.0	225.0	221.0
D. Ll.	17	24	25	26	17	4	2	1	6	15	13	17

TOTALES ANUALES 2129.5 mm. 167 Días lluvia

ESTACION: EL TRIANGULO MUNICIPIO: SASAIMA AÑO: 1.982

ALTITUD: 1.500 LATITUD: 4-58 N. LONGITUD: 74-26 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	12.0	16.0	15.0	10.0	8.0	0.0	0.0	2.0	0.0	1.0	25.0	1.0
2	2.0	25.0	32.0	29.0	0.0	0.0	0.0	0.0	0.0	37.0	55.0	0.0
3	42.0	1.0	1.0	7.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
4	57.0	2.0	3.0	8.0	9.0	0.0	5.0	0.0	2.0	9.0	0.0	1.0
5	0.0	16.0	16.0	56.0	2.0	11.0	1.0	0.0	4.0	87.0	16.0	7.0
6	2.0	18.0	3.0	11.0	1.0	12.0	1.0	0.0	0.0	1.0	36.0	1.0
7	1.0	1.0	11.0	60.0	0.0	0.0	0.0	0.0	0.0	4.0	3.0	39.0
8	0.0	4.0	10.0	10.0	5.0	8.0	1.0	0.0	0.0	39.0	0.0	0.0
9	23.0	0.0	2.0	8.0	2.0	9.0	1.0	0.0	4.0	18.0	0.0	4.0
10	3.0	4.0	34.0	7.0	4.0	1.0	2.0	0.0	8.0	2.0	10.0	1.0
11	4.0	7.0	13.0	12.0	36.0	18.0	0.0	1.0	5.0	0.0	6.0	2.0
12	19.0	42.0	1.0	0.0	1.0	1.0	0.0	0.0	0.0	6.0	1.0	1.0
13	0.0	66.0	2.0	5.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0
14	9.0	21.0	13.0	1.0	34.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
15	6.0	31.0	9.0	9.0	1.0	0.0	0.0	1.0	29.0	0.0	4.0	0.0
16	0.0	19.0	8.0	32.0	11.0	0.0	0.0	0.0	4.0	2.0	0.0	13.0
17	0.0	64.0	64.0	12.0	23.0	0.0	0.0	0.0	51.0	1.0	5.0	6.0
18	9.0	41.0	89.0	5.0	1.0	2.0	0.0	0.0	2.0	2.0	0.0	4.0
19	0.0	1.0	8.0	9.0	1.0	0.0	0.0	0.0	0.0	8.0	75.0	24.0
20	0.0	1.0	3.0	1.0	10.0	0.0	0.0	2.0	0.0	1.0	10.0	2.0
21	0.0	0.0	0.0	0.0	28.0	2.0	0.0	0.0	0.0	30.0	12.0	6.0
22	18.0	0.0	0.0	1.0	3.0	0.0	0.0	0.0	0.0	42.0	19.0	1.0
23	0.0	17.0	19.0	4.0	8.0	0.0	0.0	0.0	0.0	18.0	7.0	4.0
24	0.0	7.0	3.0	0.0	31.0	0.0	0.0	0.0	1.0	2.0	0.0	7.0
25	0.0	3.0	26.0	0.0	5.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0
26	60.0	18.0	3.0	1.0	4.0	0.0	0.0	0.0	1.0	0.0	3.0	2.0
27	67.0	6.0	3.0	2.0	4.0	0.0	0.0	0.0	2.0	0.0	6.0	0.0
28	10.0	0.0	9.0	19.0	0.0	0.0	11.0	0.0	1.0	5.0	12.0	34.0
29	3.0		12.0	56.0	15.0	0.0	1.0	0.0	0.0	1.0	5.0	22.0
30	1.0		4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
31	3.0		34.0	0.0	1.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
Total	342.0	431.0	450.0	376.0	251.0	72.0	23.0	6.0	133.0	321.0	310.0	189.0
D. Ll.	19	24	29	26	26	10	8	4	15	23	19	23

TOTALES ANUALES 2904.0 mm. 226 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: 1.982

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	17.0	21.0	18.0	0.0	21.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
2	65.0	9.0	25.0	14.0	3.0	0.0	0.0	0.0	0.0	0.0	27.0	17.0
3	0.0	0.0	0.0	11.0	2.0	0.0	1.0	0.0	0.0	47.0	47.0	0.0
4	26.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
5	0.0	0.0	23.0	21.0	0.0	11.0	0.0	2.0	0.0	38.0	17.0	5.0
6	0.0	19.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	2.0	10.0	0.0
7	0.0	20.0	13.0	97.0	2.0	0.0	2.0	0.0	0.0	0.0	0.0	11.0
8	0.0	7.0	0.0	6.0	7.0	5.0	11.0	0.0	0.0	16.0	0.0	0.0
9	11.0	12.0	0.0	12.0	0.0	12.0	0.0	0.0	0.0	18.0	0.0	0.0
10	0.0	5.0	10.0	3.0	10.0	7.0	0.0	0.0	10.0	0.0	26.0	2.0
11	0.0	0.0	18.0	22.0	9.0	14.0	0.0	0.0	0.0	0.0	5.0	4.0
12	10.0	24.0	27.0	8.0	0.0	0.0	0.0	0.0	3.0	26.0	0.0	0.0
13	0.0	49.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
14	19.0	0.0	14.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	13.0	22.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0
16	0.0	14.0	23.0	27.0	28.0	0.0	0.0	0.0	23.0	4.0	0.0	20.0
17	0.0	55.0	49.0	10.0	0.0	0.0	0.0	0.0	40.0	0.0	10.0	8.0
18	0.0	9.0	51.0	22.0	27.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
19	0.0	0.0	18.0	3.0	3.0	0.0	0.0	0.0	0.0	4.0	47.0	23.0
20	0.0	0.0	0.0	0.0	12.0	0.0	0.0	7.0	0.0	0.0	3.0	0.0
21	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	36.0	17.0	1.0
22	17.0	0.0	0.0	2.0	3.0	0.0	0.0	0.0	0.0	54.0	7.0	5.0
23	0.0	39.0	12.0	9.0	4.0	0.0	0.0	0.0	0.0	12.0	4.0	2.0
24	0.0	27.0	22.0	0.0	30.0	0.0	0.0	0.0	5.0	2.0	0.0	22.0
25	0.0	0.0	53.0	0.0	14.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0
26	21.0	0.0	0.0	0.0	2.0	0.0	3.0	0.0	0.0	0.0	4.0	4.0
27	40.0	2.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	7.0	19.0
28	5.0	3.0	12.0	34.0	0.0	0.0	4.0	0.0	3.0	0.0	3.0	0.0
29	16.0		0.0	28.0	17.0	0.0	0.0	0.0	7.0	0.0	7.0	17.0
30	0.0		40.0	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	0.0	0.0
Total	262.0	328.0	463.0	354.0	232.0	49.0	23.0	9.0	128.0	271.0	241.0	162.0
D. Ll.	12	17	19	19	20	5	6	2	9	14	16	16

TOTALES ANUALES 2522.0 mm. 155 Días lluvia

ESTACION: VIANI MUNICIPIO: VIANI AÑO: 1.982

ALTITUD: LATITUD: 4-52 N. LONGITUD: 74-23 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	9.0	2.0	15.0	1.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	2.0	7.0	0.0	0.0	0.0	0.0	0.0	30.0	10.0	13.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
4	15.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	35.0	18.0	30.0	0.0	0.0	0.0	0.0	0.0	13.0	48.0	5.0
6	5.0	24.0	6.0	18.0	1.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
7	0.0	0.0	0.0	2.0	0.0	1.0	0.0	3.0	0.0	9.0	0.0	3.0
8	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0
9	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
10	0.0	12.0	0.0	7.0	0.0	4.0	0.0	0.0	0.0	8.0	0.0	0.0
11	0.0	2.0	32.0	21.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	8.0
12	0.0	30.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	0.0	1.0	2.0
13	0.0	50.0	0.0	0.0	23.0	0.0	0.0	0.0	8.0	0.0	0.0	7.0
14	25.0	13.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
15	5.0	51.0	15.0	0.0	0.0	0.0	0.0	3.0	9.0	0.0	0.0	0.0
16	0.0	7.0	19.0	70.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	8.0
17	0.0	0.0	2.0	23.0	44.0	0.0	0.0	0.0	5.0	0.0	14.0	0.0
18	0.0	0.0	6.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	7.0	7.0	5.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
20	0.0	30.0	2.0	0.0	27.0	12.0	0.0	0.0	0.0	0.0	3.0	0.0
21	0.0	0.0	0.0	6.0	18.0	0.0	0.0	0.0	0.0	25.0	15.0	9.0
22	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	0.0
23	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
24	0.0	0.0	52.0	0.0	16.0	0.0	0.0	0.0	1.0	0.0	3.0	10.0
25	0.0	2.0	24.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0
26	0.0	0.0	1.0	0.0	3.0	1.0	15.0	0.0	7.0	0.0	0.0	3.0
27	16.0	30.0	0.0	10.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	7.0
28	1.0	45.0	0.0	36.0	11.0	0.0	0.0	0.0	18.0	0.0	2.0	0.0
29	27.0		5.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	4.0	2.0
30	0.0		1.0	1.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	3.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	103.0	340.0	215.0	298.0	190.0	18.0	15.0	6.0	96.0	102.0	133.0	83.0
D. Ll.	8	15	17	21	11	4	1	2	14	8	12	15

TOTALES ANUALES 1599.0 mm. 128 Días 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: 1.982

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	14.0	12.0	20.0	30.0	12.0	0.0	0.0	0.0	0.0	0.0	8.0	7.0
2	12.0	4.0	10.0	26.0	14.0	0.0	0.0	0.0	0.0	0.0	20.0	8.0
3	8.0	6.0	30.0	42.0	6.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0
4	6.0	0.0	12.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	11.0	9.0
5	35.0	31.0	11.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	1.0
6	15.0	0.0	1.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	14.0
7	10.0	0.0	2.0	12.0	0.0	0.0	0.0	0.0	0.0	25.0	4.0	16.0
8	5.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0
9	16.0	10.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
10	3.0	15.0	4.0	14.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	42.0	7.0	5.0	7.0	7.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0
12	7.0	9.0	3.0	9.0	9.0	0.0	0.0	0.0	14.0	0.0	0.0	4.0
13	9.0	11.0	6.0	34.0	11.0	0.0	0.0	0.0	6.0	0.0	0.0	5.0
14	0.0	4.0	2.0	6.0	25.0	0.0	0.0	0.0	9.0	0.0	20.0	0.0
15	0.0	5.0	20.0	5.0	18.0	0.0	0.0	0.0	10.0	0.0	14.0	0.0
16	14.0	3.0	10.0	9.0	13.0	0.0	0.0	0.0	0.0	0.0	6.0	12.0
17	5.0	8.0	30.0	3.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	14.0
18	0.0	6.0	15.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0
19	0.0	19.0	0.0	10.0	0.0	4.0	0.0	0.0	12.0	19.0	0.0	1.0
20	0.0	0.0	0.0	8.0	0.0	2.0	0.0	0.0	8.0	4.0	10.0	0.0
21	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	9.0	5.0	27.0
22	0.0	0.0	2.0	4.0	38.0	0.0	0.0	0.0	0.0	26.0	0.0	30.0
23	0.0	20.0	0.0	6.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0
24	0.0	15.0	0.0	1.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
25	0.0	12.0	0.0	2.0	3.0	0.0	0.0	0.0	4.0	0.0	0.0	10.0
26	0.0	0.0	29.0	0.0	0.0	0.0	10.0	0.0	14.0	10.0	8.0	17.0
27	0.0	6.0	32.0	0.0	0.0	0.0	2.0	0.0	16.0	7.0	12.0	6.0
28	0.0	7.0	8.0	7.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	4.0
29	15.0		0.0	5.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
30	11.0		0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0
31	18.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
Total	245.0	210.0	252.0	299.0	193.0	12.0	12.0	0.0	139.0	163.0	149.0	237.0
D. Ll.	18	20	20	27	15	3	2	0	12	10	15	21

TOTALES ANUALES — 1911.0 mm. — 163 Días lluvia

ESTACION: LAS GRANJAS — MUNICIPIO: MESITAS COLEGIO — AÑO: 1.982

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	18.0	0.0	3.0	5.0	6.0	3.0	0.0	0.0	0.0	19.0	4.0	0.0
2	12.0	12.0	2.0	7.0	12.0	3.0	0.0	0.0	0.0	12.0	4.0	0.0
3	8.0	11.0	2.0	11.0	8.0	2.0	3.0	0.0	0.0	6.0	0.0	2.0
4	18.0	10.0	0.0	3.0	3.0	4.0	0.0	0.0	4.0	5.0	68.0	6.0
5	0.0	0.0	10.0	38.0	29.0	2.0	1.0	0.0	0.0	4.0	6.0	2.0
6	5.0	8.0	6.0	7.0	5.0	2.0	0.0	0.0	0.0	3.0	0.0	0.0
7	0.0	8.0	0.0	9.0	9.0	8.0	2.0	0.0	0.0	0.0	0.0	6.0
8	12.0	0.0	6.0	18.0	9.0	3.0	0.0	0.0	0.0	2.0	4.0	1.0
9	0.0	9.0	8.0	6.0	13.0	0.0	0.0	0.0	14.0	5.0	4.0	2.0
10	0.0	12.0	5.0	15.0	3.0	2.0	0.0	0.0	2.0	0.0	10.0	0.0
11	0.0	4.0	3.0	8.0	8.0	2.0	0.0	0.0	0.0	1.0	2.0	3.0
12	0.0	16.0	3.0	8.0	0.0	0.0	0.0	0.0	5.0	12.0	0.0	0.0
13	0.0	14.0	10.0	12.0	3.0	3.0	0.0	0.0	0.0	3.0	0.0	2.0
14	0.0	65.0	17.0	18.0	3.0	1.0	0.0	0.0	2.0	4.0	0.0	0.0
15	0.0	35.0	15.0	6.0	0.0	0.0	0.0	0.0	2.0	3.0	3.0	3.0
16	0.0	20.0	5.0	18.0	0.0	0.0	0.0	0.0	8.0	6.0	28.0	25.0
17	0.0	12.0	13.0	6.0	15.0	0.0	0.0	0.0	1.0	6.0	2.0	16.0
18	0.0	0.0	5.0	6.0	0.0	0.0	0.0	0.0	5.0	4.0	0.0	4.0
19	0.0	6.0	11.0	24.0	14.0	2.0	6.0	0.0	5.0	8.0	14.0	8.0
20	0.0	2.0	2.0	19.0	6.0	0.0	0.0	0.0	0.0	21.0	11.0	8.0
21	0.0	2.0	6.0	8.0	3.0	0.0	0.0	0.0	0.0	34.0	0.0	2.0
22	0.0	0.0	0.0	6.0	5.0	1.0	0.0	0.0	0.0	3.0	18.0	0.0
23	0.0	0.0	9.0	6.0	6.0	0.0	0.0	0.0	4.0	41.0	0.0	6.0
24	0.0	0.0	4.0	0.0	4.0	0.0	0.0	0.0	2.0	7.0	0.0	3.0
25	0.0	5.0	12.0	11.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
26	18.0	2.0	15.0	4.0	8.0	0.0	0.0	2.0	3.0	4.0	0.0	19.0
27	12.0	6.0	19.0	27.0	14.0	0.0	3.0	0.0	8.0	0.0	10.0	22.0
28	0.0	0.0	15.0	41.0	8.0	1.0	3.0	0.0	0.0	5.0	3.0	19.0
29	0.0		4.0	12.0	11.0	3.0	6.0	0.0	0.0	0.0	9.0	6.0
30	0.0		7.0	6.0	10.0	0.0	3.0	0.0	0.0	3.0	12.0	9.0
31	10.0		10.0	0.0	8.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
Total	113.0	259.0	227.0	365.0	231.0	42.0	27.0	2.0	65.0	224.0	212.0	184.0
D. Ll.	9	20	28	29	27	16	8	1	14	26	18	23

TOTALES ANUALES — 1951.0 mm. — 219 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: 1.982

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	11.8	0.0	3.9	0.0	66.0	0.0	2.3	0.9	0.0	0.0	0.0	3.9
2	4.8	0.0	5.4	10.7	1.1	0.0	0.0	0.0	0.0	2.2	3.9	0.0
3	3.8	0.8	5.0	17.9	19.3	3.1	2.0	0.0	0.0	7.8	14.6	7.5
4	4.8	0.0	6.0	7.6	20.5	1.2	0.0	0.0	0.0	0.0	0.0	14.8
5	12.7	15.7	5.0	32.4	1.3	5.7	0.0	0.0	4.2	8.5	34.4	0.0
6	2.3	1.8	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
7	1.2	0.0	16.2	3.9	0.0	0.0	0.0	0.0	0.0	35.5	0.0	4.7
8	0.0	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	15.6	1.7	0.0	22.5	0.0	1.3	0.0	0.0	0.0	8.9	0.0	10.6
10	0.0	0.0	0.0	70.0	1.6	0.0	0.0	0.0	7.6	12.7	0.0	0.0
11	0.0	22.2	1.6	0.0	3.9	0.0	0.8	0.0	0.6	0.0	0.0	0.0
12	0.0	15.7	19.5	16.9	0.0	0.0	0.0	0.0	0.0	0.0	31.0	3.3
13	0.0	20.0	0.0	0.0	9.0	0.0	0.0	1.6	2.3	0.0	0.0	0.0
14	0.0	30.6	2.7	0.0	37.3	0.0	0.0	0.0	4.8	10.5	0.0	0.0
15	0.0	54.0	0.0	45.2	1.3	0.0	0.0	0.0	20.4	0.0	0.0	5.8
16	0.0	11.0	21.5	34.0	0.0	0.0	0.0	0.0	0.3	10.8	0.0	11.1
17	5.4	13.0	0.0	64.3	0.0	0.0	0.0	0.0	0.0	0.5	12.8	16.2
18	0.0	2.5	70.5	0.0	7.9	0.0	0.0	0.0	0.0	1.4	0.0	0.0
19	0.0	0.0	9.6	0.0	0.0	2.3	0.0	0.0	6.0	5.3	0.0	3.2
20	0.0	4.5	0.0	61.5	15.0	0.0	0.0	0.0	0.0	0.0	80.0	0.0
21	0.0	0.5	0.0	4.4	0.3	0.0	0.0	0.0	0.0	23.1	0.0	9.5
22	0.0	0.0	0.0	0.2	18.3	0.0	0.2	0.0	0.0	16.6	84.5	0.0
23	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	4.2	4.3	0.0
24	0.0	0.0	18.0	13.0	0.9	0.0	0.0	0.0	0.0	54.2	0.0	0.0
25	0.0	0.0	1.2	1.7	0.0	0.0	0.0	0.0	8.8	0.0	0.0	0.0
26	1.8	5.6	5.5	0.0	4.3	0.0	0.0	0.0	0.0	0.0	6.5	3.5
27	19.2	5.3	55.0	0.0	0.0	0.0	1.3	0.9	3.0	0.0	0.0	5.3
28	1.7	6.6	15.0	24.2	12.4	0.0	1.6	0.0	2.0	0.4	0.0	44.7
29	0.0		18.8	55.0	6.0	1.8	0.0	0.0	0.0	4.3	52.0	1.6
30	0.0		0.0	4.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	7.3
31	3.2		0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0
Total	88.3	211.5	280.4	489.9	250.4	15.4	11.9	4.5	60.0	206.9	324.0	153.0
D. Ll.	13	17	18	19	21	6	7	4	11	17	10	16

TOTALES ANUALES 2096.2 mm. 159 Días lluvia

ESTACION: ATALA MUNICIPIO: VIOTA AÑO: 1.982

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	12.0	0.0	28.0	32.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	22.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	8.0	22.0	30.0		0.0	0.0	0.0	0.0	20.0	16.0	0.0
4	0.0	0.0	10.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	12.0
5	6.0	18.0	16.0	20.0		0.0	0.0	0.0	0.0	10.0	0.0	16.0
6	0.0	0.0	0.0	0.0		8.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	32.0	66.0		0.0	0.0	0.0	0.0	14.0	30.0	18.0
8	0.0	22.0	0.0	0.0		0.0	0.0	0.0	0.0	50.0	0.0	0.0
9	8.0	0.0	0.0	62.0		0.0	0.0	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	50.0	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	16.0
12	0.0	48.0	10.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	40.0			0.0	0.0	0.0	0.0	16.0	0.0	22.0
15	0.0	60.0	20.0			0.0	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	4.0	0.0	10.0	18.0
17	0.0	0.0	8.0			0.0	0.0	0.0	0.0	10.0	0.0	0.0
18	0.0	28.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0	50.0	24.0
20	0.0	0.0	0.0			0.0	0.0	0.0	0.0	30.0	30.0	30.0
21	0.0	0.0	6.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	6.0	0.0			0.0	0.0	0.0	0.0	54.0	40.0	20.0
23	0.0	0.0	0.0			0.0	0.0	0.0	0.0	50.0	8.0	0.0
24	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0			0.0	0.0	0.0	28.0	0.0	0.0	0.0
26	10.0	0.0	0.0		24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0		10.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0
28	0.0	0.0	56.0		0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0
29	0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
31	0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	36.0	236.0	278.0			8.0	0.0	0.0	82.0	254.0	218.0	208.0
D. Ll.	4	9	12			1	0	0	3	9	9	10

TOTALES ANUALES mm. Días lluvia

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

ESTACION: PINAR DEL RIO — MUNICIPIO: SELVANIA — AÑO: 1.982

ALTITUD: 1.750 — LATITUD: 4-22 N. — LONGITUD: 74-21 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	1.0	0.0	13.0	0.0	0.0	0.0	2.0	0.0	12.0	13.0	32.0
2	35.0	6.0	6.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
3	0.0	0.0	33.0	27.0	0.0	0.0	19.0	0.0	0.0	0.0	10.0	0.0
4	5.0	0.0	3.0	0.0	0.0	40.0	0.0	0.0	3.0	0.0	0.0	19.0
5	0.0	17.0	0.0	16.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
6	30.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.0	0.0
7	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	9.0
8	0.0	0.0	0.0	0.0	42.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	24.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	2.0
10	0.0	19.0	8.0	0.0	14.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0
11	0.0	0.0	37.0	0.0	6.0	22.5	0.0	0.0	7.0	11.0	0.0	0.0
12	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	21.0	0.0	10.0	15.0	0.0	0.0	0.0	25.0	0.0	30.0	0.0
14	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	10.0	7.0
15	0.0	15.0	41.0	65.0	0.0	0.0	0.0	0.0	0.0	13.5	0.0	0.0
16	0.0	12.0	22.0	0.0	12.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
17	3.0	17.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	11.0	14.0
19	0.0	0.0	0.0	0.0	0.0	2.0	0.0	6.0	0.0	0.0	3.0	9.0
20	0.0	8.0	0.0	6.0	6.0	0.0	0.0	0.0	0.0	21.0	11.0	0.0
21	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	5.0
22	0.0	8.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	5.0	15.0	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
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	19.0	0.0	11.0
25	0.0	0.0	8.0	22.5	10.0	0.0	0.0	0.0	0.0	13.0	18.0	0.0
26	29.0	0.0	0.0	6.0	0.0	0.0	6.0	0.0	0.0	3.0	0.0	12.0
27	31.0	5.0	31.0	33.0	0.0	0.0	6.0	0.0	0.0	5.0	0.0	5.0
28	72.0	6.0	10.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	18.0
29	0.0		0.0	25.5	12.0	0.0	0.0	0.0	19.0	0.0	27.0	6.0
30	0.0		8.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0
31	10.0		5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	249.0	140.5	248.0	224.0	144.5	69.5	37.0	8.0	108.0	198.5	214.0	165.0
D. LL.	11	14	15	10	9	4	4	2	9	15	12	15

TOTALES ANUALES 1806.0 mm. 120 Días lluvia

ESTACION: ARABIA — MUNICIPIO: SAN BERNARDO — AÑO: 1.982

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	12.0	0.0	8.0	4.0	9.0	5.0	0.0	5.0	0.0	0.0	4.0	0.0
2	0.0	0.0	14.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	17.0	0.0
3	31.0	0.0	0.0	40.0	20.0	0.0	0.0	0.0	1.0	0.0	0.0	2.0
4	0.0	1.5	0.0	0.0	10.0	0.0	4.0	0.0	2.0	5.0	0.0	0.0
5	15.0	1.5	2.0	9.0		3.0	0.0	0.0	7.0	0.0	10.0	0.0
6	16.0	0.0	0.0	0.0		8.0	0.0	0.0	0.0	0.0	18.0	0.0
7	4.0	0.0	0.0	0.0		0.0	0.0	4.0	0.0	16.0	0.0	24.0
8	0.0	0.0	3.0	10.0		1.0	2.0	0.0	0.0	0.0	0.0	0.0
9	9.0	0.0	0.0	18.0		2.0	0.0	0.0	0.0	9.0	0.0	0.0
10	0.0	0.0	5.0	2.0		0.0	0.0	0.0	32.0	20.0	0.0	2.0
11	0.0	3.0	4.0	0.0		0.0	0.0	0.0	3.0	0.0	0.0	0.0
12	0.0	17.0	1.5	69.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	20.0	0.0	23.0		0.0	0.0	0.0	7.0	8.0	0.0	0.0
14	0.0	17.0	0.0	14.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	21.0	3.0	24.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	25.0	34.0	9.0		0.0	0.0	1.0	0.0	9.0	0.0	0.0
17	0.0	26.0	3.0	41.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	10.0	0.0		0.0	3.0	0.0	11.0	4.0	0.0	12.0
19	0.0	7.0	0.0	10.0		9.0	0.0	4.0	0.0	0.0	13.0	20.0
20	0.0	23.0	0.0	0.0		0.0	3.0	6.5	0.0	10.0	0.0	0.0
21	0.0	8.0	0.0	19.0		0.0	0.0	0.0	0.0	15.0	0.0	0.0
22	0.0	0.0	0.0	0.0		1.0	4.0	0.0	0.0	0.0	12.0	0.0
23	0.0	2.0	0.0	0.0		0.0	0.0	0.0	6.0	10.0	4.0	0.0
24	0.0	0.0	31.0	0.0		3.0	0.0	0.0	0.0	20.0	0.0	2.0
25	0.0	0.0	0.0	0.0		0.0	0.0	1.0	7.0	0.0	0.0	0.0
26	1.0	0.0	0.0	5.0		0.0	2.0	0.0	32.0	4.0	14.0	0.0
27	0.0	20.0	12.5	0.0		0.0	1.0	5.0	0.0	0.0	31.0	31.0
28	0.0	0.0	10.0	57.0		0.0	0.0	0.0	0.0	5.0	6.0	0.0
29	0.0		10.0	50.0		0.0	0.0	0.0	7.0	6.0	8.0	15.0
30	0.0		0.0	0.0		4.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0		0.0	0.0	0.0	0.0	3.0	0.0	0.0
Total	88.0	192.0	151.0	401.0		35.0	19.0	26.5	115.0	144.0	147.0	108.0
D. LL.	7	14	15	17		9	7	7	11	15	12	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: SAN JUAN — MUNICIPIO: S. JUAN RIOSECO — AÑO: 1.982

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	8.2		6.1	0.0	58.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0
2	16.0		0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0
3	1.0		2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
4	0.0		13.0	104.0	9.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0
5	2.1		34.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0		0.0	34.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.4
7	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
8	2.1		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1
9	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
10	0.0		0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0		0.0	0.0	1.0	0.0	0.0	0.0	11.0	0.0	0.0	2.0
12	0.0		3.8	26.0	2.0	0.0	0.0	0.0	5.0	0.0	6.0	0.0
13	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.1
14	5.0		0.0	2.1	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
15	0.0		0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0		3.0	0.0	28.0	0.0	0.0	1.0	28.0	0.0	0.0	0.0
17	0.0		41.0	36.0	0.0	0.0	0.0	0.0	1.0	25.0	0.0	10.0
18	0.0		0.0	7.4	0.0	0.0	0.0	0.0	49.0	0.0	30.0	6.0
19	0.0		0.0	0.0	0.0	4.0	0.0	0.0	14.3	0.0	0.0	0.0
20	0.0		4.8	10.0	3.0	0.0	4.0	0.0	0.0	2.3	0.0	11.4
21	0.0		0.0	0.0	12.0	3.0	0.0	0.0	0.0	0.0	15.2	0.0
22	0.0		0.0	14.0	8.6	0.0	0.0	0.0	0.0	8.0	3.2	14.0
23	0.0		0.0	18.0	5.3	0.0	3.0	0.0	0.0	0.0	10.0	10.1
24	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0
25	0.0		13.0	2.1	0.0	0.0	0.0	0.0	0.0	4.0	0.0	12.0
26	0.0		39.4	0.0	0.0	0.0	0.0	0.0	9.4	0.0	0.0	0.0
27	3.1		0.0	0.0	0.0	0.0	0.0	0.0	16.4	13.0	7.3	12.4
28	0.0		0.0	15.0	5.4	0.0	0.0	0.3	15.0	0.0	0.0	3.0
29	7.1		14.0	59.0	0.0	0.0	7.0	0.0	8.0	3.0	5.1	4.5
30	0.0		3.0	7.4	10.0	0.0	0.0	0.0	0.0	9.0	3.4	0.0
31	0.0		0.0	7.7	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
										1.0	0.0	0.0
Total	44.6		177.1	413.8	153.7	8.0	14.0	1.3	160.1	65.3	101.5	145.0
D. LL	8		12	17	13	3	3	2	11	8	13	15

TOTALES ANUALES — mm. — Días lluvia

ESTACION: BENGALA — MUNICIPIO: VENECIA — AÑO: 1.982

ALTITUD: 1.600 — LATITUD: 4-05 N. — LONGITUD: 74-29 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	9.0	0.0	0.0	0.0	12.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0
2	8.0	5.0	7.0	5.0	1.0	0.0	4.0	0.0	0.0	3.0	26.0	0.0
3	28.0	2.0	0.0	14.0	4.0	3.0	0.0	0.0	0.0	0.0	10.0	2.0
4	17.0	0.0	0.0	28.0	2.0	0.0	8.0	0.0	6.0	0.0	3.0	3.0
5	0.0	0.0	0.0	0.0	1.0	12.0	2.0	0.0	2.0	0.0	30.0	0.0
6	12.0	7.0	0.0	14.0	3.0	7.0	0.0	0.0	0.0	8.0	13.0	13.0
7	7.0	0.0	4.0	0.0	3.0	0.0	0.0	11.0	0.0	0.0	0.0	14.0
8	8.0	0.0	2.0	7.0	11.0	0.0	2.0	0.0	0.0	9.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	4.0
10	4.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	5.0
11	0.0	0.0	34.0	14.0	4.0	3.0	3.0	0.0	0.0	0.0	6.0	0.0
12	0.0	4.0	2.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	13.0	1.0
13	0.0	13.0	0.0	15.0	8.0	0.0	0.0	0.0	3.0	12.0	0.0	5.0
14	0.0	16.0	5.0	22.0	12.0	0.0	0.0	0.0	7.0	5.0	0.0	9.0
15	0.0	29.0	50.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0
16	0.0	16.0	40.0	17.0	0.0	13.0	0.0	0.0	4.0	10.0	5.0	2.0
17	0.0	4.0	14.0	7.0	4.0	0.0	0.0	0.0	2.0	0.0	0.0	6.0
18	0.0	5.0	11.0	10.0	21.0	0.0	2.0	0.0	0.0	11.0	2.0	10.0
19	0.0	2.0	9.0	0.0	4.0	0.0	3.0	0.0	0.0	23.0	0.0	0.0
20	0.0	14.0	5.0	9.0	31.0	3.0	0.0	7.0	0.0	5.0	7.0	130.0
21	0.0	0.0	0.0	28.0	8.0	0.0	0.0	0.0	0.0	16.0	10.0	17.0
22	0.0	0.0	0.0	3.0	3.0	2.0	0.0	0.0	0.0	0.0	6.0	0.0
23	0.0	7.0	0.0	7.0	29.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0
24	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	12.0
25	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	3.0	0.0	3.0	0.0
26	0.0	0.0	3.0	6.0	2.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
27	3.0	0.0	0.0	7.0	3.0	3.0	6.0	0.0	18.0	0.0	18.0	38.0
28	0.0	6.0	2.0	12.0	10.0	0.0	8.0	0.0	2.0	4.0	2.0	0.0
29	0.0		3.0	9.0	4.0	0.0	3.0	0.0	10.0	6.0	0.0	13.0
30	4.0		0.0	4.0	2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	4.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
Total	100.0	130.0	196.0	258.0	188.0	46.0	45.0	20.0	57.0	148.0	172.0	286.0
D. LL	10	14	16	22	25	9	12	3	10	16	17	18

TOTALES ANUALES — 1646.0 mm. — 172 Días lluvia

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

ESTACION: SUCRE — MUNICIPIO: TELLO — AÑO: 1.982

ALTITUD: 1.450 — LATITUD: 3-04 N. — LONGITUD: 75-09 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	18.0	3.0	3.0	7.0	10.0	6.0	1.0	0.0	0.0	2.0	2.0	0.0
2	7.0	2.0	2.0	7.0	10.0	3.0	0.0	0.0	0.0	1.0	4.0	0.0
3	3.0	1.0	5.0	6.0	10.0	1.0	0.0	2.0	0.0	1.0	3.0	0.0
4	12.0	3.0	3.0	5.0	11.0	1.0	1.0	1.0	2.0	3.0	1.0	2.0
5	11.0	0.0	2.0	3.0	15.0	8.0	0.0	0.0	2.0	1.0	0.0	1.0
6	7.0	10.0	4.0	2.0	11.0	7.0	0.0	0.0	7.0	1.0	0.0	0.0
7	9.0	3.0	7.0	8.0	9.0	6.0	2.0	0.0	10.0	2.0	0.0	0.0
8	3.0	2.0	3.0	8.0	8.0	7.0	0.0	0.0	3.0	1.0	1.0	0.0
9	3.0	5.0	6.0	3.0	10.0	6.0	0.0	0.0	11.0	1.0	1.0	1.0
10	5.0	3.0	5.0	4.0	7.0	5.0	0.0	0.0	9.0	0.0	0.0	1.0
11	3.0	4.0	2.0	2.0	4.0	8.0	0.0	0.0	3.0	0.0	0.0	0.0
12	7.0	7.0	4.0	11.0	13.0	3.0	5.0	1.0	2.0	1.0	0.0	0.0
13	15.0	3.0	11.0	7.0	14.0	2.0	3.0	0.0	2.0	1.0	0.0	0.0
14	7.0	2.0	0.0	6.0	13.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0
15	6.0	2.0	0.0	7.0	8.0	5.0	0.0	2.0	0.0	4.0	2.0	2.0
16	2.0	0.0	0.0	2.0	7.0	5.0	0.0	0.0	0.0	1.0	0.0	1.0
17	9.0	0.0	0.0	2.0	6.0	9.0	10.0	0.0	1.0	1.0	0.0	2.0
18	3.0	0.0	3.0	2.0	6.0	0.0	6.0	0.0	13.0	0.0	3.0	2.0
19	5.0	2.0	2.0	11.0	7.0	0.0	0.0	0.0	13.0	0.0	2.0	2.0
20	10.0	7.0	1.0	11.0	12.0	0.0	0.0	1.0	6.0	0.0	1.0	3.0
21	7.0	5.0	3.0	8.0	13.0	0.0	0.0	1.0	4.0	0.0	2.0	3.0
22	2.0	11.0	4.0	3.0	18.0	3.0	1.0	0.0	1.0	0.0	4.0	1.0
23	2.0	6.0	5.0	5.0	3.0	2.0	0.0	0.0	18.0	0.0	1.0	3.0
24	5.0	3.0	2.0	2.0	9.0	1.0	0.0	0.0	22.0	1.0	0.0	0.0
25	13.0	2.0	3.0	8.0	7.0	1.0	3.0	3.0	23.0	1.0	0.0	8.0
26	8.0	2.0	3.0	9.0	9.0	2.0	0.0	0.0	32.0	1.0	0.0	1.0
27	3.0	13.0	10.0	8.0	10.0	1.0	0.0	0.0	38.0	1.0	2.0	3.0
28	6.0	3.0	11.0	7.0	16.0	0.0	0.0	0.0	13.0	2.0	1.0	0.0
29	3.0		9.0	2.0	11.0	0.0	3.0	0.0	8.0	1.0	4.0	2.0
30	0.0		0.0	8.0	11.0	1.0	0.0	0.0	1.0	1.0	1.0	0.0
31	3.0		10.0	0.0	7.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
Total	197.0	104.0	123.0	174.0	305.0	95.0	36.0	12.0	245.0	31.0	36.0	39.0
D. Ll.	30	24	26	30	31	24	11	8	25	23	18	18

TOTALES ANUALES — 1397.0 mm. — 268 Días lluvia

ESTACION: BUENOS AIRES — MUNICIPIO: TERUEL — AÑO: 1.982

ALTITUD: 1.450 — LATITUD: 2-45 N. — LONGITUD: 75-35 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	8.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	2.0	0.0
2	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	52.0	0.0	0.0
3	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	4.0
4	30.0	30.0	0.0	50.0	10.0	0.0	0.0	0.0	0.0	10.0	4.0	25.0
5	0.0	0.0	48.0	0.0	14.0	0.0	4.0	2.0	0.0	0.0	35.0	0.0
6	4.0	4.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
7	12.0	12.0	5.0	30.0	0.0	0.0	2.0	0.0	0.0	25.0	0.0	0.0
8	0.0	0.0	4.0	25.0	0.0	15.0	0.0	0.0	0.0	30.0	0.0	1.0
9	27.0	27.0	10.0	30.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
10	6.0	6.0	0.0	20.0	0.0	15.0	3.0	0.0	4.0	0.0	0.0	3.0
11	14.0	14.0	0.0	8.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	6.0
12	6.0	6.0	0.0	4.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
13	20.0	20.0	18.0	12.0	4.0	0.0	0.0	0.0	0.0	0.0	52.0	8.0
14	8.0	8.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
15	6.0	6.0	2.0	4.0	0.0	0.0	0.0	0.0	20.0	5.0	0.0	6.0
16	4.0	4.0	10.0	22.0	7.0	0.0	0.0	0.0	12.0	8.0	0.0	12.0
17	8.0	8.0	40.0	0.0	13.0	0.0	2.0	0.0	0.0	15.0	5.0	17.0
18	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	10.0
19	12.0	12.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
20	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	0.0	2.0	52.0	16.0
21	23.0	0.0	0.0	0.0	50.0	15.0	0.0	0.0	0.0	10.0	48.0	0.0
22	30.0	23.0	0.0	0.0	59.0	10.0	0.0	0.0	0.0	0.0	8.0	12.0
23	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	6.0	0.0
24	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
25	4.0	0.0	0.0	0.0	10.0	0.0	6.0	0.0	10.0	0.0	0.0	6.0
26	4.0	4.0	25.0	0.0	30.0	0.0	5.0	0.0	0.0	0.0	0.0	14.0
27	10.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	27.0	0.0
28	12.0	0.0	6.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0
29	3.0		0.0	12.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0	12.0
30	10.0		0.0	0.0	0.0	5.0	0.0	4.0	0.0	0.0	0.0	0.0
31	6.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	269.0	222.0	276.0	293.0	207.0	60.0	46.0	6.0	53.0	193.0	267.0	209.0
D. Ll.	24	18	14	15	10	3	10	2	6	11	13	19

TOTALES ANUALES — 2101.0 mm. — 147 Días lluvia

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

ESTACION: KIOSCO — MUNICIPIO: ALGECIRAS — AÑO: 1.982

ALTITUD: 1.400 — LATITUD: 2-32 N. — LONGITUD: 75-20 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	17.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	7.0	5.0	12.0	13.0
2	20.0	0.0	14.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	17.0	3.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	10.0	0.0	0.0
4	10.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	4.0	0.0
5	12.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0
6	16.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
7	52.0	0.0	0.0	7.0	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	10.0	0.0
9	5.0	0.0	0.0	8.0	7.0	0.0	3.0	0.0	0.0	0.0	7.0	6.0
10	0.0	0.0	7.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	4.0	0.0	19.0	0.0	0.0	0.0	8.0	6.0	0.0	0.0	0.0
12	5.0	11.0	0.0	12.0	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	1.0	0.0	14.0	0.0	0.0	0.0	0.0	7.0
14	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	15.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	14.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
18	0.0	3.0	0.0	25.0	15.0	0.0	5.0	0.0	0.0	15.0	0.0	0.0
19	0.0	22.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	24.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	20.0	6.0	7.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0
22	0.0	0.0	0.0	0.0	11.0	0.0	0.0	5.0	0.0	9.0	0.0	0.0
23	0.0	0.0	7.0	0.0	0.0	3.0	7.0	0.0	0.0	0.0	24.0	0.0
24	0.0	5.0	0.0	8.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
26	10.0	0.0	0.0	0.0	5.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0
27	0.0	5.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	10.0
28	0.0	0.0	0.0	7.0	22.0	0.0	0.0	0.0	12.0	6.0	0.0	14.0
29	6.0		0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		10.0	8.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	170.0	95.0	84.0	151.0	62.0	17.0	75.0	20.0	29.0	135.0	63.0	97.0
D. Ll.	11	11	7	11	6	3	10	4	4	9	6	9

TOTALES ANUALES — 998.0 mm. — 91 Días lluvia

ESTACION: PALESTINA — MUNICIPIO: PITALITO — AÑO: 1.982

ALTITUD: 1.590 — LATITUD: 1-52 N. — LONGITUD: 76-02 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	18.0	11.0	0.0	0.0	0.0	0.0					
2	8.0	0.0	0.0	12.0	0.0	0.0	17.0					
3	12.0	0.0	0.0	5.0	5.0	0.0	13.0					
4	0.0	12.0	10.0	12.0	0.0	0.0	0.0					
5	0.0	0.0	0.0	0.0	0.0	3.0	0.0					
6	16.0	0.0	0.0	8.0	0.0	0.0	12.0					
7	0.0	22.0	0.0	0.0	8.0	0.0	0.0					
8	0.0	0.0	20.0	9.0	0.0	9.0	13.0					
9	10.0	0.0	0.0	10.0	0.0	0.0	0.0					
10	4.0	0.0	0.0	0.0	5.0	11.0	0.0					
11	0.0	0.0	0.0	2.0	0.0	0.0	0.0					
12	0.0	0.0	13.0	0.0	16.0	0.0	0.0					
13	0.0	0.0	0.0	0.0	0.0	7.0	21.5					
14	0.0	8.0	0.0	20.0	4.0	12.0	5.0					
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
16	0.0	0.0	14.0	0.0	0.0	28.0	0.0					
17	0.0	30.0	0.0	0.0	5.0	0.0	5.0					
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
19	0.0	27.0	0.0	0.0	0.0	0.0	27.0					
20	0.0	13.0	0.0	0.0	3.0	10.0	25.0					
21	0.0	0.0	0.0	8.0	0.0	0.0	0.0					
22	0.0	30.0	0.0	0.0	2.0	26.0	0.0					
23	0.0	0.0	0.0	16.0	0.0	0.0	7.0					
24	8.0	0.0	0.0	0.0	0.0	5.0	0.0					
25	0.0	0.0	0.0	0.0	7.0	0.0	0.0					
26	0.0	0.0	12.0	0.0	0.0	8.0	21.0					
27	0.0	5.0	8.0	7.0	0.0	0.0	0.0					
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
29	2.0		0.0	6.0	9.0	12.0	18.0					
30	0.0		30.0	14.0	0.0	0.0	22.0					
31	0.0		0.0	0.0	0.0	0.0	0.0					
Total	60.0	165.0	115.0	129.0	64.0	131.0	206.5					
D. Ll.	7	9	8	13	10	11	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: MARINGA — MUNICIPIO: ACACIAS — AÑO: 1.982

ALTITUD: 540 — LATITUD: 4-00 N. — LONGITUD: 73-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	85.0	0.0	0.0	40.0	0.0	5.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	42.0	0.0	16.0	50.0	0.0	0.0	
5	0.0	0.0	0.0	20.0	30.0	0.0	0.0	80.0	0.0	50.0	10.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	15.0	18.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	75.0	10.0	0.0	0.0	90.0	10.0	0.0	0.0	
8	0.0	0.0	0.0	90.0	0.0	0.0	0.0	5.0	5.0	25.0	0.0	
9	0.0	0.0	0.0	45.0	0.0	0.0	0.0	25.0	6.0	15.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	15.0	2.0	0.0	130.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	20.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	30.0	20.0	
14	0.0	0.0	0.0	10.0	0.0		40.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	15.0		0.0	0.0	0.0	15.0	0.0	
16	0.0	0.0	0.0	10.0	0.0		10.0	0.0	0.0	0.0	120.0	
17	0.0	0.0	0.0	0.0	10.0		0.0	0.0	70.0	0.0	0.0	
18	0.0	0.0	0.0	30.0	0.0		32.0	65.0	10.0	0.0	30.0	
19	0.0	0.0	10.0	0.0	0.0		0.0	20.0	11.0	10.0	0.0	
20	0.0	0.0	0.0	100.0	0.0		0.0	20.0	0.0	10.0	0.0	
21	0.0	0.0	0.0	0.0	25.0		95.0	28.0	0.0	30.0	0.0	
22	0.0	0.0	2.5	0.0	70.0		0.0	15.0	0.0	0.0	45.0	
23	0.0	0.0	30.0	10.0	0.0		0.0	0.0	0.0	80.0	41.0	
24	0.0	0.0	25.0	0.0	0.0		70.0	2.0	0.0	10.0	0.0	
25	0.0	0.0	0.0	30.0	28.0		10.0	30.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0		8.0	0.0	0.0	10.0	0.0	
27	0.0	0.0	0.0	10.0	0.0		0.0	0.0	20.0	20.0	60.0	
28	0.0	0.0	35.0	0.0	2.0		0.0	0.0	0.0	0.0	10.0	
29	0.0		2.0	60.0	10.0		0.0	5.0	113.0	0.0	0.0	
30	0.0		18.0	0.0	8.0		20.0	35.0	40.0	0.0	0.0	
31	0.0		45.0	0.0	5.0		0.0	0.0	0.0	15.0	0.0	
Total	0.0	0.0	167.5	575.0	213.0		385.0	466.0	360.0	450.0	336.0	
D. Ll.	0	0	8	13	11		12	17	12	14	8	

TOTALES ANUALES — 2994.5 mm. — 96 Días lluvia

ESTACION: MONTELIBANO — MUNICIPIO: ACACIAS — AÑO: 1.982

ALTITUD: 610 — LATITUD: 4-02 N. — LONGITUD: 73-45 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	17.0	0.0	0.0	75.0	4.0	0.0	1.5	0.0	1.0	5.0	8.0	0.0
2	0.0	0.0	1.5	0.0	0.0	0.0	15.0	3.5	0.0	0.0	0.0	3.0
3	5.0	0.0	0.0	94.0	0.0	0.0	51.0	0.0	0.0	25.0	16.5	2.0
4	3.0	14.5	0.0	1.5	0.0	86.0	0.0	0.0	48.0	4.0	2.5	6.0
5	0.0	0.5	0.0	4.5	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0
6	0.0	1.5	0.0	3.0	0.0	9.5	30.0	0.0	0.0	26.0	0.0	8.0
7	0.0	1.0	0.0	98.5	16.0	0.0	10.0	9.0	47.0	90.0	0.0	0.0
8	0.0	0.5	0.0	18.5	1.0	0.0	0.0	25.0	0.0	121.0	0.0	2.0
9	0.0	0.0	0.0	16.0	0.0	0.0	5.0	0.0	54.0	140.0	0.0	8.0
10	0.0	2.0	0.0	14.5	0.0	0.0	56.0	2.0	0.0	0.0	2.0	0.0
11	0.0	0.0	0.0	15.0	0.0	0.0	2.5	0.0	8.5	0.0	0.0	2.0
12	0.0	1.5	0.5	0.0	0.0	28.0	0.0	0.0	21.0	40.0	22.0	4.0
13	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	8.0	0.0	15.0	0.0
14	0.0	0.0	21.0	0.0	22.0	8.5	9.0	4.5	0.0	0.0	14.0	0.0
15	0.0	1.0	0.0	25.0	0.0	5.0	0.0	3.0	0.0	4.0	0.0	0.0
16	0.0	0.5	3.0	10.5	9.0	0.0	0.0	49.5	45.5	0.0	107.0	0.0
17	0.0	0.0	0.0	23.5	49.0	0.0	21.0	1.0	0.0	2.5	3.0	0.0
18	0.0	20.0	2.5	32.0	70.0	0.0	9.0	62.5	16.0	13.0	0.0	0.0
19	0.0	1.0	2.0	72.0	10.0	0.0	2.0	10.5	0.0	5.0	0.0	0.0
20	0.0	0.0	5.0	35.5	14.0	24.0	0.0	2.0	0.0	0.0	2.0	6.0
21	0.0	0.0	0.0	7.0	19.0	0.0	50.0	4.0	0.0	20.0	4.0	4.0
22	0.0	0.0	33.5	0.0	0.0	12.0	15.0	5.5	0.0	0.0	53.0	1.0
23	0.0	20.0	5.0	0.0	65.0	16.0	0.0	5.0	0.0	35.0	5.0	0.0
24	0.0	0.0	0.0	9.0	0.0	20.0	0.0	0.0	0.0	5.0	2.0	0.0
25	0.0	1.5	2.5	53.5	51.0	0.0	5.0	7.0	14.0	0.0	54.0	0.0
26	0.0	0.0	8.5	0.0	0.0	8.0	16.0	7.5	0.0	12.0	3.0	0.0
27	8.5	0.0	13.5	30.5	30.0	15.0	5.5	0.0	32.0	0.0	0.0	2.0
28	1.5	2.5	0.0	22.0	50.0	0.0	6.0	15.0	90.5	0.0	61.0	0.0
29	0.0		15.0	91.5	17.0	15.0	0.0	0.0	19.5	6.5	0.0	0.0
30	0.0		44.0	10.0	16.5	4.5	0.0	0.0	0.0	0.0	2.0	0.0
31	0.0		15.0	0.0	3.0	0.0	10.0	7.0	0.0	0.0	0.0	0.0
Total	35.0	68.0	172.5	765.5	446.5	251.5	319.5	223.5	405.0	562.5	376.0	48.0
D. Ll.	5	14	15	24	17	13	19	18	13	18	18	12

TOTALES ANUALES — 3673.5 mm. — 186 Días lluvia

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

ESTACION: VILLA PRISCILLA MUNICIPIO: GUAMAL AÑO: 1.982

ALTITUD: 850 LATITUD: 3-56 N. LONGITUD: 73-44 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	3.0	0.0	0.0	20.0	22.0	4.0	18.0	30.0	15.0	0.0	30.0	11.0
2	13.0	0.0	2.0	32.0	0.0	8.0	0.0	1.0	0.0	0.0	26.0	0.0
3	0.0	0.0	3.0	28.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	51.0
4	5.0	50.0	0.0	5.0	42.0	27.0	31.0	1.0	0.0	5.0	60.0	0.0
5	55.0	20.0	0.0	26.0	5.0	16.0	51.0	36.0	40.0	50.0	5.0	0.0
6	0.0	5.0	0.0	25.0	4.0	0.0	10.0	10.0	2.0	5.0	0.0	0.0
7	0.0	0.0	0.0	1.0	32.0	0.0	35.0	8.0	0.0	13.0	0.0	1.0
8	4.0	30.0	0.0	50.0	0.0	2.0	0.0	0.0	51.0	52.0	0.0	0.0
9	0.0	0.0	0.0	5.0	7.0	0.0	0.0	32.0	0.0	50.0	0.0	30.0
10	0.0	14.0	0.0	9.0	8.0	8.0	25.0	0.0	50.0	50.0	0.0	0.0
11	0.0	3.0	0.0	18.0	0.0	0.0	34.0	0.0	0.0	0.0	14.0	50.0
12	0.0	0.0	0.0	1.0	0.0	9.0	2.0	0.0	51.0	2.0	51.0	20.0
13	0.0	6.0	0.0	1.0	50.0	37.0	0.0	4.0	5.0	22.0	0.0	7.0
14	0.0	2.0	15.0	1.0	30.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0
15	0.0	0.0	12.0	13.0	20.0	7.0	16.0	15.0	10.0	0.0	50.0	2.0
16	0.0	2.0	1.0	1.0	22.0	10.0	0.0	0.0	8.0	8.0	3.0	0.0
17	0.0	0.0	0.0	50.0	0.0	0.0	43.0	16.0	15.0	21.0	4.0	0.0
18	0.0	0.0	0.0	50.0	25.0	0.0	16.0	15.0	6.0	10.0	15.0	0.0
19	0.0	30.0	0.0	1.0	25.0	3.0	0.0	12.0	10.0	26.0	0.0	24.0
20	0.0	20.0	25.0	50.0	24.0	44.0	20.0	18.0	2.0	21.0	0.0	9.0
21	0.0	0.0	25.0	30.0	18.0	0.0	51.0	0.0	1.0	49.0	0.0	0.0
22	0.0	0.0	53.0	20.0	50.0	0.0	50.0	15.0	0.0	0.0	53.0	0.0
23	0.0	0.0	5.0	16.0	2.0	13.0	0.0	35.0	1.0	51.0	6.0	0.0
24	0.0	0.0	4.0	43.0	0.0	7.0	10.0	10.0	0.0	32.0	0.0	0.0
25	0.0	14.0	4.0	1.0	0.0	0.0	0.0	0.0	6.0	5.0	20.0	0.0
26	0.0	0.0	0.0	18.0	16.0	23.0	8.0	15.0	0.0	0.0	5.0	0.0
27	0.0	0.0	0.0	16.0	30.0	0.0	0.0	0.0	15.0	27.0	7.0	0.0
28	0.0	0.0	46.0	48.0	20.0	0.0	50.0	0.0	15.0	0.0	26.0	4.0
29	0.0		0.0	51.0	12.0	15.0	0.0	18.0	7.0	4.0	0.0	7.0
30	0.0		12.0	4.0	12.0	35.0	20.0	0.0	30.0	51.0	0.0	0.0
31	0.0		35.0	0.0	4.0	0.0	5.0	29.0	0.0	19.0	0.0	0.0
Total	80.0	196.0	242.0	634.0	481.0	268.0	495.0	320.0	346.0	573.0	382.0	216.0
D. LL.	5	12	14	30	23	17	19	19	21	22	17	12

TOTALES ANUALES 4232.0 mm. 211 Días lluvia

ESTACION: BATIOJA MUNICIPIO: SAMANIEGO AÑO: 1.982

ALTITUD: LATITUD: 1-19 N. LONGITUD: 77-32 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1										0.0	33.0	0.0
2										0.0	0.0	0.0
3										7.0	3.0	10.0
4										8.0	0.0	85.0
5										0.0	0.0	21.0
6										1.0	0.0	0.0
7										55.0	0.0	21.0
8										16.0	0.0	20.0
9										15.0	0.0	0.0
10										0.0	10.0	22.0
11										12.0	20.0	0.0
12										13.0	20.0	0.0
13										0.0	10.0	0.0
14										20.0	0.0	0.0
15										7.0	5.0	10.0
16									10.0	25.0	0.0	10.0
17									5.0	0.0	10.0	0.0
18									10.0	0.0	20.0	3.0
19									1.0	0.0	0.0	17.0
20									0.0	18.0	20.0	10.0
21									0.0	0.0	10.0	40.0
22									2.0	36.0	28.0	0.0
23									0.0	0.0	0.0	17.0
24									7.0	36.0	0.0	0.0
25									2.0	3.0	30.0	0.0
26									0.0	10.0	0.0	0.0
27									11.0	0.0	10.0	0.0
28									7.0	0.0	45.0	0.0
29									10.0	7.0	3.0	5.0
30									0.0	10.0	0.0	10.0
31									0.0	0.0	0.0	0.0
Total										299.0	277.0	201.0
D. LL.										18	16	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: LA LAGUNA — MUNICIPIO: CONVENCION — AÑO: 1.982

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					4.0	6.0	0.0	0.0	0.0	1.0	0.0	0.0
2					7.0	0.0	0.0	8.5	0.0	6.0	4.0	0.0
3					0.0	4.0	0.0	0.0	0.0	1.0	0.0	0.0
4					3.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0
5					0.0	7.0	0.0	17.0	0.0	90.0	3.0	0.0
6					0.0	2.0	0.0	5.0	0.0	6.0	0.0	0.0
7					8.0	1.0	0.0	7.0	6.0	20.0	0.0	0.0
8					7.0	5.0	5.0	7.5	1.5	8.0	0.0	0.0
9					4.0	2.0	0.0	3.0	0.0	0.0	0.0	0.0
10					0.0	0.0	3.5	4.0	30.0	0.0	0.0	0.0
11					8.0	0.0	0.0	4.0	36.0	5.0	0.0	0.0
12					4.0	3.0	3.0	2.0	0.0	2.0	0.0	2.0
13					7.0	0.0	1.5	0.0	0.0	3.0	1.0	0.0
14					6.5	0.0	0.0	3.0	8.0	7.0	0.0	0.0
15					0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
16					16.0	5.0	0.0	0.0	0.0	2.0	0.0	0.0
17					0.0	0.0	0.0	4.0	10.0	4.0	1.0	0.0
18					8.0	0.0	0.0	3.5	11.0	10.0	5.0	0.0
19					0.0	3.0	0.0	0.0	0.0	2.0	1.0	4.0
20					7.0	0.0	0.0	0.0	3.0	7.0	1.0	6.0
21					8.0	0.0	0.0	0.0	4.5	8.0	1.0	0.0
22					10.0	0.0	0.0	0.0	5.0	24.0	4.0	0.0
23					15.0	0.0	1.5	0.0	17.0	3.0	1.0	0.0
24					3.0	6.0	2.0	12.0	19.0	2.0	1.0	0.0
25					8.0	4.0	4.5	0.0	18.0	9.0	8.0	0.0
26					14.0	10.0	2.5	0.0	3.0	0.0	5.0	4.0
27					23.0	0.0	4.5	0.0	8.0	5.0	6.0	2.0
28					22.0	0.0	1.5	0.0	14.0	3.0	3.0	0.0
29					3.0	0.0	0.0	14.0	60.0	2.0	0.0	0.0
30					1.0	21.0	0.0	0.0	4.0	1.0	0.0	0.0
31					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total					196.5	79.0	29.5	94.5	268.0	245.0	45.0	18.0
D. Ll.					23	14	10	14	19	26	15	5

TOTALES ANUALES — mm. — Días lluvia

ESTACION: CONCENTRACION AGRICOLA — MUNICIPIO: LOURDES — AÑO: 1.982

ALTITUD: 1.450 — LATITUD: 7-58 N. — LONGITUD: 72-50 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	6.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
2	0.0	6.0	0.0	4.0	4.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0
3	0.0	8.0	6.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	8.0	0.0	0.0	10.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	10.0
6	6.0	28.0	0.0	16.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
7	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	4.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	8.0	20.0	34.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0
10	12.0	8.0	16.0	16.0	16.0	0.0	0.0	10.0	22.0	14.0	0.0	0.0
11	2.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0
13	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
14	0.0	8.0	4.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	10.0
15	8.0	10.0	14.0	4.0	18.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
16	0.0	0.0	20.0	0.0	2.0	0.0	0.0	0.0	0.0	12.0	10.0	0.0
17	0.0	6.0	12.0	0.0	0.0	0.0	6.0	0.0	8.0	0.0	0.0	0.0
18	6.0	4.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0
19	6.0	18.0	8.0	0.0	10.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
20	0.0	0.0	14.0	4.0	10.0	0.0	0.0	0.0	10.0	0.0	18.0	14.0
21	10.0	20.0	0.0	8.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	46.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	22.0	14.0	0.0
24	0.0	18.0	0.0	0.0	18.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0
25	12.0	28.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	8.0
26	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	8.0	2.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	10.0	0.0
28	8.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	6.0	0.0	0.0	0.0
29	0.0		0.0	0.0	6.0	0.0	0.0	0.0	26.0	0.0	6.0	0.0
30	0.0		0.0	47.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	84.0	240.0	140.0	151.0	122.0	10.0	50.0	32.0	136.0	144.0	94.0	58.0
D. Ll.	11	17	13	11	12	1	5	2	9	8	8	7

TOTALES ANUALES — 1261.0 mm. — 104 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: 1.982

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	14.0	0.0	30.0	0.0	5.0	0.0	0.0	1.0	0.0	5.0	10.0	5.0
2	14.0	12.0	6.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
3	62.0	0.0	0.0	5.0	4.0	0.0	0.0	0.0	0.0	10.0	20.0	0.0
4	8.0	8.0	2.0	5.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
5	26.0	13.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	10.0	0.0	0.0
6	6.0	0.0	1.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	12.0	21.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	30.0	0.0	5.0
8	0.0	0.0	8.0	1.0	6.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
9	3.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
10	2.0	0.0	1.0	5.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
11	1.0	5.0	0.0	40.0	26.0	1.0	3.0	0.0	0.0	20.0	80.0	0.0
12	8.0	3.0	16.0	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	5.0	1.0	0.0	0.0	10.0	0.0	0.0	0.0
14	0.0	40.0	5.0	0.0	0.0	5.0	0.0	0.0	0.0	50.0	0.0	0.0
15	1.0	40.0	20.0	0.0	5.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	10.0
17	0.0	30.0	1.0	45.0	4.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
18	0.0	0.0	0.0	5.0	10.0	10.0	0.0	0.0	25.0	0.0	0.0	50.0
19	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	55.0	35.0	0.0
20	0.0	5.0	0.0	1.0	56.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
21	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	12.0
22	0.0	0.0	30.0	1.0	2.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
23	0.0	3.0	0.0	0.0	0.0	2.0	0.0	0.0	20.0	25.0	0.0	2.0
24	0.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0
25	0.0	0.0	0.0	20.0	3.0	1.0	0.0	0.0	20.0	0.0	0.0	0.0
26	10.0	0.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	27.0
27	4.0	0.0	10.0	20.0	19.0	0.0	6.0	0.0	0.0	0.0	15.0	1.0
28	2.0	35.0	3.0	15.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
29	1.0		1.0	0.0	0.0	0.0	3.0	0.0	25.0	0.0	0.0	0.0
30	0.0		0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0
Total	174.0	228.0	134.0	240.0	170.0	22.0	14.0	1.0	194.0	341.0	175.0	122.0
D. Ll.	16	14	14	16	14	7	5	1	11	14	7	9

TOTALES ANUALES 1815.0 mm. — 128 Días lluvia

ESTACION: LA ESPERANZA — MUNICIPIO: BUENAVISTA — AÑO: 1.982

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								1.5	0.0	2.0	20.0	0.0
2								0.0	0.0	37.0	17.0	0.0
3								0.0	0.0	4.0	14.0	0.0
4								0.0	0.0	9.0	0.0	0.0
5								0.0	0.0	0.0	0.0	0.0
6								0.0	0.0	1.0	0.0	0.0
7								1.0	0.0	15.0	12.0	3.0
8								0.0	0.0	0.0	0.0	9.0
9								0.0	17.0	0.0	0.0	0.0
10								0.0	0.0	0.0	25.0	0.0
11								0.0	0.0	25.0	0.0	0.0
12								0.0	0.0	14.0	13.0	0.0
13								0.0	0.0	0.0	0.0	0.0
14								0.0	0.0	70.0	0.0	3.0
15								0.0	8.0	0.0	1.0	0.0
16								0.0	20.0	0.0	0.0	0.0
17								0.0	11.0	1.0	0.0	0.0
18								0.0	71.0	0.0	0.0	18.0
19							0.0	0.0	0.0	36.0	2.0	10.0
20							0.0	0.0	10.0	0.0	0.0	12.0
21							0.0	0.0	0.0	24.0	15.0	17.0
22							0.0	0.0	0.0	0.0	10.0	0.0
23							0.0	0.0	4.0	52.0	0.0	0.0
24							0.0	0.0	13.0	35.0	2.0	2.0
25							0.0	0.0	9.0	0.0	0.0	0.0
26							0.0	0.0	0.0	0.0	8.0	9.0
27							10.5	0.0	49.0	0.0	0.0	0.0
28							3.5	0.0	1.0	11.0	19.0	0.0
29							0.0	0.0	0.0	0.0	0.0	0.0
30							0.0	0.0	0.0	0.0	0.0	0.0
31							0.0	0.0	0.0	12.0	0.0	0.0
Total								2.5	213.0	348.0	158.0	83.0
D. Ll.								2	11	16	13	9

mm. — Días lluvia

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: 1.982

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	25.0	0.0	2.0	0.0	5.0	0.0	0.0	0.0	0.0	2.0	34.0	0.0
2	15.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0
3	20.0	0.0	27.0	8.0	6.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0
4	0.0	13.0	1.0	15.0	9.0	10.0	0.0	0.0	0.0	17.0	3.0	0.0
5	10.0	25.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
6	0.0	41.0	11.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
7	5.0	0.0	0.0	0.0	4.0	0.0	0.0	1.0	0.0	14.0	0.0	3.0
8	5.0	0.0	65.0	2.0	5.0	0.0	0.0	4.0	0.0	0.0	0.0	53.0
9	0.0	7.0	0.0	1.0	6.0	2.0	0.0	0.0	2.0	0.0	0.0	0.0
10	15.0	0.0	0.0	3.0	0.0	0.0	1.0	0.0	0.0	5.0	1.0	0.0
11	10.0	0.0	0.0	20.0	16.0	54.0	0.0	0.0	0.0	8.0	31.0	0.0
12	0.0	1.0	0.0	0.0	0.0	0.0	2.0	0.0	45.0	0.0	0.0	5.0
13	0.0	0.0	95.0	0.0	8.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	10.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0
15	0.0	1.0	3.0	0.0	20.0	0.0	0.0	1.0	0.0	0.0	11.0	0.0
16	0.0	10.0	0.0	28.0	14.0	4.0	0.0	0.0	18.0	0.0	0.0	0.0
17	0.0	0.0	8.0	12.0	21.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
18	0.0	3.0	6.0	19.0	5.0	0.0	0.0	0.0	16.0	0.0	5.0	0.0
19	0.0	1.0	1.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	30.0	0.0
20	0.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0	18.0	14.0	2.0	0.0
21	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	10.0	0.0	5.0
22	0.0	0.0	1.0	0.0	4.0	0.0	0.0	0.0	0.0	7.0	0.0	2.0
23	0.0	38.0	1.0	7.0	0.0	0.0	0.0	0.0	18.0	5.0	0.0	9.0
24	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	5.0	53.0	0.0	35.0
25	0.0	0.0	7.0	0.0	9.0	0.0	10.0	0.0	2.0	12.0	1.0	0.0
26	34.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	10.0	4.0	0.0
27	0.0	0.0	0.0	3.0	5.0	0.0	0.0	0.0	9.0	1.0	0.0	0.0
28	5.0	1.0	9.0	1.0	8.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
29	7.0		0.0	2.0	6.0	0.0	0.0	0.0	34.0	0.0	0.0	0.0
30	6.0		18.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		1.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	157.0	151.0	257.0	134.0	202.0	75.0	13.0	6.0	180.0	201.0	147.0	113.0
D. Ll.	12	12	17	18	26	7	3	3	12	15	12	8

TOTALES ANUALES — 1636.0 mm. — 145 Días lluvia

ESTACION: MONACO — MUNICIPIO: CORDOBA — AÑO: 1.982

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	46.0	0.0	11.0	8.0	15.0	0.0	0.0	0.0	0.0	4.0	25.0	10.0
2	52.0	11.0	21.0	1.0	0.0	0.0	0.0	0.0	0.0	42.0	15.0	13.0
3	32.0	0.0	11.0	8.0	25.0	0.0	0.0	0.0	0.0	13.0	21.0	0.0
4	32.0	0.0	2.0	17.0	4.0	1.0	5.0	0.0	0.0	47.0	0.0	0.0
5	20.0	36.0	1.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	1.0
6	11.0	31.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0
7	21.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	52.0	3.0	7.0
8	0.0	0.0	20.0	6.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
9	21.0	16.0	0.0	32.0	4.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	1.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	9.0	4.0	0.0
11	0.0	1.0	3.0	53.0	20.0	4.0	0.0	0.0	0.0	7.0	33.0	0.0
12	0.0	7.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	5.0	0.0	5.0
13	0.0	2.0	2.0	0.0	0.0	4.0	0.0	0.0	8.0	0.0	0.0	0.0
14	1.0	48.0	2.0	0.0	1.0	5.0	0.0	0.0	0.0	42.0	0.0	0.0
15	14.0	0.0	32.0	0.0	1.0	0.0	0.0	0.0	9.0	0.0	10.0	0.0
16	0.0	0.0	0.0	40.0	1.0	0.0	0.0	0.0	66.0	1.0	0.0	22.0
17	0.0	1.0	2.0	25.0	5.0	0.0	0.0	0.0	8.0	0.0	3.0	1.0
18	0.0	20.0	0.0	25.0	8.0	24.0	0.0	0.0	3.0	1.0	16.0	0.0
19	0.0	5.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	29.0	14.0	1.0
20	0.0	0.0	0.0	4.0	64.0	3.0	0.0	0.0	1.0	0.0	11.0	2.0
21	0.0	0.0	0.0	1.0	7.0	7.0	0.0	0.0	0.0	8.0	20.0	15.0
22	0.0	0.0	0.0	1.0	10.0	0.0	0.0	0.0	0.0	4.0	1.0	1.0
23	0.0	3.0	43.0	10.0	0.0	0.0	0.0	0.0	0.0	20.0	1.0	0.0
24	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	29.0	17.0	0.0	12.0
25	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	11.0	1.0	0.0	0.0
26	9.0	5.0	0.0	25.0	5.0	0.0	0.0	0.0	0.0	50.0	8.0	10.0
27	6.0	0.0	6.0	15.0	6.0	0.0	5.0	0.0	36.0	12.0	34.0	1.0
28	0.0	1.0	0.0	20.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0
29	0.0		0.0	6.0	1.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
30	0.0		0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
Total	265.0	188.0	156.0	318.0	208.0	65.0	19.0	0.0	181.0	367.0	229.0	101.0
D. Ll.	12	15	13	21	22	8	5	0	12	20	18	14

TOTALES ANUALES — 2097.0 mm. — 160 Días lluvia

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

ESTACION: QUEBRADANEGRA — MUNICIPIO: CALARCA — AÑO: 1.982

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	14.0	0.0	16.0	5.0	11.0	0.0	0.0	0.0	0.0	3.0	82.0	0.0
2	5.0	0.0	9.0	13.0	4.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0
3	87.0	0.0	4.0	23.0	34.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0
4	96.0	1.0	55.0	13.0	7.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0
5	76.0	10.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	7.0	3.0
6	44.0	11.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	20.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	36.0	1.0	0.0
8	23.0	0.0	7.0	16.0	4.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
9	2.0	10.0	0.0	25.0	1.0	16.0	2.0	0.0	0.0	3.0	0.0	0.0
10	0.0	6.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	3.0
11	0.0	1.0	0.0	73.0	38.0	2.0	0.0	0.0	0.0	3.0	0.0	4.0
12	0.0	6.0	1.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	17.0	4.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	32.0	6.0	0.0	9.0	4.0	0.0	0.0	2.0	60.0	0.0	0.0
15	1.0	0.0	65.0	0.0	2.0	0.0	0.0	0.0	30.0	0.0	60.0	0.0
16	0.0	1.0	0.0	76.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	15.0
17	0.0	0.0	3.0	41.0	4.0	0.0	0.0	0.0	5.0	5.0	0.0	0.0
18	0.0	31.0	6.0	65.0	9.0	16.0	0.0	0.0	17.0	6.0	0.0	0.0
19	0.0	24.0	3.0	4.0	11.0	6.0	0.0	0.0	0.0	10.0	33.0	0.0
20	0.0	2.0	0.0	0.0	38.0	4.0	0.0	0.0	0.0	45.0	0.0	45.0
21	0.0	0.0	0.0	0.0	14.0	4.0	0.0	0.0	0.0	10.0	0.0	0.0
22	0.0	3.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	10.0	25.0	0.0
23	0.0	4.0	30.0	8.0	0.0	0.0	0.0	0.0	35.0	60.0	0.0	0.0
24	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	15.0	0.0	20.0
25	0.0	0.0	0.0	0.0	27.0	0.0	3.0	0.0	0.0	40.0	60.0	0.0
26	14.0	37.0	0.0	19.0	5.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0
27	3.0	1.0	2.0	10.0	13.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0
28	2.0	10.0	0.0	54.0	0.0	0.0	1.0	0.0	3.0	0.0	0.0	40.0
29	1.0		0.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0
30	0.0		10.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	388.0	207.0	229.0	525.0	262.5	56.0	7.0	0.0	109.0	368.0	335.0	130.0
D. LL.	14	18	17	20	21	8	4	0	8	18	10	7

TOTALES ANUALES — 2616.5 mm. — 145 Días Lluvia

ESTACION: LA ARGENTINA — MUNICIPIO: LA TEBAIDA — AÑO: 1.982

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	45.0	19.0	15.0	1.0	5.0	0.0	0.0	0.0	0.0	0.0	12.0	4.0
2	29.0	2.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	47.0	0.0
3	0.0	0.0	0.0	2.0	27.0	0.0	0.0	0.0	0.0	3.0	0.0	24.0
4	26.0	0.0	15.0	14.0	47.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0
5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0
6	25.0	0.0	0.0	0.0	2.0	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	0.0	0.0	0.0	12.0	0.0	43.0
8	0.0	0.0	14.0	25.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
9	0.0	0.0	12.0	15.0	7.0	4.0	1.0	0.0	2.2	10.0	0.0	0.0
10	0.0	35.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	12.0	35.0	0.0
11	0.0	0.0	0.0	1.0	0.0	4.0	3.0	0.0	0.0	0.0	32.0	0.0
12	0.0	0.0	0.0	0.0	43.0	0.0	3.0	0.0	0.0	0.0	0.0	17.0
13	0.0	17.0	16.0	2.0	15.0	4.0	0.0	0.0	2.0	0.0	0.0	0.0
14	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0
15	0.0	0.0	16.0	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	38.0	0.0	0.0	0.0	0.0	23.0	0.0	8.0	0.0
17	0.0	0.0	0.0	55.0	10.0	0.0	0.0	0.0	55.0	0.0	0.0	0.0
18	0.0	12.0	4.0	25.0	12.0	0.0	0.0	0.0	50.0	7.0	27.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	20.0	3.0	0.0
20	0.0	17.0	0.0	0.0	50.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	7.0	4.0	0.0	0.0	0.0	0.0	16.0	2.0
22	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0
24	0.0	0.0	16.0	0.0	5.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
25	2.0	10.0	0.0	8.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
26	18.0	0.0	2.0	6.0	5.0	0.0	0.0	0.0	0.0	12.0	44.0	13.0
27	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	22.0	0.0	4.0	10.0
28	27.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
29	0.0		0.0	8.0	45.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0
30	0.0		0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	174.0	131.0	122.0	238.0	317.0	16.0	10.6	0.0	231.2	141.0	228.0	167.0
D. LL.	8	8	10	16	17	4	4	0	12	10	10	11

TOTALES ANUALES — 1775.8 mm. — 110 Días Lluvia

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

ESTACION: TUCUMAN — MUNICIPIO: ARMENIA — AÑO: 1.982

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	25.0	0.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	25.0	0.0
2	10.0	5.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	40.0	10.0
3	15.0	0.0	30.0	0.0	30.0	0.0	15.0	0.0	0.0	18.0	0.0	0.0
4	9.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	41.0	0.0	0.0
5	9.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0
6	6.0	60.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
7	18.0	1.0	10.0	0.0	0.0	0.0	0.0	5.0	0.0	12.0	0.0	0.0
8	0.0	0.0	1.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0
9	0.0	25.0	0.0	5.0	0.0	35.0	2.0	0.0	6.0	12.0	10.0	10.0
10	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
11	0.0	2.0	0.0	90.0	0.0	10.0	0.0	0.0	3.0	15.0	0.0	0.0
12	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	1.0	20.0	15.0	0.0	0.0	9.0	0.0	0.0	24.0	0.0	0.0	0.0
14	0.0	9.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
15	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	10.0
16	0.0	0.0	0.0	70.0	0.0	0.0	0.0	0.0	20.0	10.0	20.0	0.0
17	0.0	0.0	12.0	20.0	8.0	0.0	0.0	0.0	36.0	15.0	0.0	20.0
18	0.0	35.0	6.0	50.0	2.0	0.0	0.0	0.0	51.0	14.0	10.0	0.0
19	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	6.0	40.0	0.0
20	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	12.0	10.0	20.0	0.0
21	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	9.0	0.0	5.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0
23	0.0	8.0	0.0	15.0	5.0	0.0	0.0	0.0	14.0	19.0	0.0	0.0
24	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	8.0	50.0	0.0	20.0
25	0.0	0.0	9.0	0.0	15.0	0.0	5.0	0.0	0.0	20.0	10.0	30.0
26	3.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	7.0	10.0	5.0	0.0
27	0.0	0.0	10.0	0.0	0.0	5.0	3.0	0.0	28.0	30.0	0.0	0.0
28	8.0	0.0	0.0	40.0	2.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0
29	0.0		0.0	0.0	30.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0
30	0.0		25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	106.0	175.0	217.0	303.0	154.0	59.0	25.0	5.0	244.0	351.0	180.0	183.0
D. LL	11	10	13	10	14	4	4	1	14	22	9	10

TOTALES ANUALES — 2002.0 mm. — 122 Días lluvia

ESTACION: EL PARAISO — MUNICIPIO: CALARCA — AÑO: 1.982

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	25.0	0.0	9.0	16.0	3.0	0.0	0.0	0.0	0.0	5.0	19.0	17.0
2	17.0	6.0	23.0	23.0	0.0	0.0	0.0	0.0	0.0	55.0	22.0	0.0
3	42.0	0.0	0.0	7.0	63.0	3.0	0.0	0.0	0.0	26.0	23.0	4.0
4	26.0	7.0	7.0	0.0	14.0	0.0	0.0	0.0	0.0	32.0	5.0	0.0
5	35.0	7.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	50.0	17.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	2.0
7	25.0	0.0	18.0	0.0	0.0	0.0	0.0	10.0	0.0	32.0	0.0	0.0
8	5.0	0.0	3.0	20.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
9	3.0	14.0	0.0	4.0	3.0	0.0	0.0	0.0	16.0	0.0	11.0	0.0
10	3.0	27.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	2.0	20.0	0.0
11	7.0	0.0	12.0	0.0	9.0	0.0	2.0	0.0	0.0	0.0	20.0	0.0
12	20.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0
13	0.0	20.0	0.0	0.0	2.0	8.0	0.0	0.0	0.0	0.0	0.0	5.0
14	0.0	24.0	11.0	0.0	0.0	0.0	0.0	0.0	2.0	15.0	0.0	0.0
15	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	13.0	0.0
16	0.0	13.0	19.0	80.0	0.0	0.0	0.0	0.0	32.0	36.0	7.0	42.0
17	0.0	0.0	0.0	40.0	5.0	0.0	0.0	0.0	32.0	0.0	5.0	0.0
18	0.0	13.0	9.0	30.0	8.0	5.0	1.0	0.0	50.0	4.0	23.0	14.0
19	0.0	0.0	6.0	2.0	0.0	0.0	0.0	0.0	2.0	44.0	5.0	4.0
20	0.0	4.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	24.0	12.0	9.0
21	0.0	0.0	0.0	0.0	22.0	5.0	0.0	0.0	0.0	10.0	12.0	18.0
22	0.0	14.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	15.0	4.0
23	0.0	0.0	8.0	7.0	0.0	0.0	0.0	0.0	15.0	20.0	0.0	0.0
24	0.0	0.0	16.0	0.0	40.0	0.0	0.0	0.0	17.0	50.0	6.0	0.0
25	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	34.0	13.0	0.0
26	62.0	7.0	0.0	17.0	5.0	0.0	0.0	0.0	8.0	4.0	41.0	16.0
27	10.0	0.0	3.0	14.0	8.0	0.0	2.0	0.0	5.0	12.0	0.0	4.0
28	0.0	22.0	0.0	36.0	0.0	0.0	2.0	0.0	4.0	0.0	0.0	0.0
29	1.0		8.0	67.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
30	0.0		30.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
31	0.0		0.0	0.0	7.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
Total	331.0	198.0	199.0	370.0	258.0	42.0	7.0	10.0	190.0	430.0	279.0	160.0
D. LL	15	15	17	15	16	5	4	1	13	19	19	14

TOTALES ANUALES — 2474.0 mm. — 153 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: 1.982

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	0.0	1.0	28.0	0.0
2						0.0	0.0	0.0	0.0	19.0	75.0	6.0
3						0.0	0.0	0.0	0.0	29.0	3.0	12.0
4					8.0	5.0	0.0	0.0	0.0	25.0	0.0	0.0
5					0.0	2.0	0.0	0.0	0.0	0.0	1.0	2.0
6					2.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
7					3.0	0.0	0.0	3.0	0.0	0.0	0.0	6.0
8					23.0	0.0	0.0	0.0	0.0	9.0	0.0	41.0
9					1.0	39.0	0.0	0.0	2.0	0.0	0.0	0.0
10					0.0	0.0	0.0	0.0	0.0	21.0	18.0	0.0
11					5.0	43.0	0.0	0.0	0.0	3.0	10.0	0.0
12					0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
13					1.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0
14					0.0	3.0	0.0	0.0	2.0	23.0	0.0	0.0
15					10.0	0.0	0.0	0.0	0.0	5.0	16.0	0.0
16					4.0	0.0	0.0	0.0	17.0	3.0	0.0	8.0
17					1.0	0.0	0.0	0.0	28.0	1.0	0.0	0.0
18					2.0	0.0	0.0	0.0	36.0	17.0	5.0	0.0
19					36.0	0.0	0.0	0.0	0.0	18.0	12.0	0.0
20					14.0	3.0	0.0	0.0	31.0	3.0	17.0	0.0
21					1.0	1.0	0.0	0.0	0.0	11.0	0.0	12.0
22					9.0	0.0	0.0	0.0	0.0	1.0	2.0	0.0
23					11.0	0.0	0.0	0.0	17.0	18.0	0.0	0.0
24					20.0	0.0	0.0	0.0	0.0	27.0	0.0	15.0
25					4.0	0.0	1.0	0.0	0.0	11.0	0.0	0.0
26					11.0	0.0	4.0	0.0	0.0	2.0	2.0	0.0
27					13.0	0.0	8.0	0.0	24.0	7.0	0.0	10.0
28					0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
29					19.0	0.0	1.0	0.0	5.0	0.0	0.0	0.0
30					0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
31					16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total						96.0	15.0	3.0	174.0	258.0	201.0	112.0
D. Ll.						7	5	1	11	22	13	9

TOTALES ANUALES — mm. — Días lluvia

ESTACION: LA PRADERA — MUNICIPIO: ARMENIA — AÑO: 1.982

ALTITUD: 1.350 — LATITUD: 4-28 N. — LONGITUD: 75-43 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	47.0	0.0	27.0	10.0	6.0	0.0	0.0	0.0	0.0	19.0	15.0	7.0
2	26.0	17.0	21.0	9.0	1.0	0.0	0.0	0.0	0.0	33.0	0.0	26.0
3	38.0	0.0	5.0	0.0	33.0	0.0	0.0	0.0	0.0	20.0	22.0	1.0
4	12.0	41.0	2.0	12.0	4.0	2.0	2.0	0.0	0.0	37.0	0.0	17.0
5	16.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
6	46.0	15.0	0.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	1.0	0.0	3.0	2.0	1.0	0.0	0.0	4.0	0.0	24.0	2.0	2.0
8	0.0	0.0	3.0	9.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
9	4.0	7.0	0.0	5.0	8.0	29.0	0.0	0.0	15.0	10.0	0.0	0.0
10	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
11	0.0	2.0	0.0	68.0	1.0	1.0	1.0	0.0	0.0	0.0	13.0	0.0
12	11.0	2.0	2.0	0.0	5.0	0.0	0.0	0.0	0.0	25.0	0.0	1.0
13	0.0	9.0	3.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	54.0	2.0	1.0	1.0	2.0	0.0	0.0	1.0	35.0	0.0	0.0
15	9.0	0.0	13.0	59.0	2.0	0.0	0.0	0.0	3.0	0.0	5.0	0.0
16	0.0	1.0	2.0	19.0	2.0	8.0	0.0	0.0	58.0	0.0	0.0	0.0
17	0.0	0.0	0.0	27.0	19.0	0.0	0.0	0.0	13.0	1.0	1.0	11.0
18	0.0	0.0	12.0	17.0	11.0	5.0	1.0	0.0	5.0	2.0	27.0	0.0
19	0.0	1.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	6.0	0.0	0.0
20	0.0	0.0	0.0	1.0	32.0	1.0	0.0	0.0	1.0	2.0	0.0	0.0
21	0.0	0.0	0.0	0.0	7.0	2.0	0.0	0.0	0.0	15.0	20.0	7.0
22	0.0	0.0	9.0	0.0	7.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0
23	0.0	4.0	17.0	5.0	0.0	0.0	0.0	0.0	2.0	18.0	0.0	0.0
24	0.0	0.0	9.0	0.0	14.0	0.0	0.0	0.0	15.0	0.0	8.0	19.0
25	0.0	1.0	0.0	2.0	10.0	0.0	0.0	0.0	13.0	75.0	6.0	0.0
26	12.0	0.0	0.0	27.0	2.0	0.0	5.0	0.0	0.0	41.0	0.0	7.0
27	0.0	0.0	4.0	18.0	10.0	0.0	2.0	0.0	21.0	0.0	15.0	0.0
28	7.0	3.0	0.0	27.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
29	0.0		3.0	0.0	0.0	0.0	0.0	0.0	38.0	0.0	0.0	0.0
30	0.0		9.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	229.0	157.0	147.0	364.0	177.0	65.0	11.0	4.0	191.0	402.0	136.0	108.0
D. Ll.	12	13	19	23	21	10	5	1	13	18	12	11

TOTALES ANUALES — 1991.0 mm. — 158 Días lluvia

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

ESTACION: LA ILUSION — MUNICIPIO: CIRCASIA — AÑO: 1.982

ALTITUD: 1.500 — LATITUD: 04-36 N — LONGITUD: .75-39 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	13.0	0.0	27.0	5.0	12.0	0.0	0.0	0.0	0.0	10.0	25.0	10.0
2	63.0	5.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	45.0	30.0
3	45.0	0.0	1.0	10.0	39.0	0.0	0.0	0.0	0.0	15.0	30.0	4.0
4	13.0	0.0	3.0	63.0	3.0	0.0	0.0	0.0	0.0	50.0	0.0	15.0
5	25.0	1.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	20.0
6	5.0	43.0	0.0	10.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	29.0	0.0	12.0	15.0	0.0	0.0	0.0	10.0	0.0	10.0	0.0	20.0
8	0.0	0.0	3.0	3.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	60.0
9	5.0	41.0	0.0	27.0	22.0	27.0	0.0	0.0	10.0	30.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	40.0	0.0
11	1.0	0.0	0.0	70.0	30.0	55.0	0.0	0.0	0.0	60.0	30.0	30.0
12	0.0	9.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	1.0	21.0	0.0	0.0	0.0	10.0	0.0	10.0	7.0	0.0	0.0	10.0
14	25.0	73.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0
15	0.0	15.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
16	0.0	12.0	0.0	71.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0	0.0
17	0.0	0.0	19.0	42.0	0.0	0.0	0.0	0.0	25.0	0.0	10.0	10.0
18	0.0	15.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	20.0	10.0	0.0
19	0.0	20.0	0.0	10.0	80.0	0.0	0.0	0.0	0.0	15.0	10.0	0.0
20	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
21	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0
22	6.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	10.0	0.0
23	14.0	10.0	0.0	46.0	4.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0
24	0.0	0.0	20.0	0.0	40.0	0.0	0.0	0.0	20.0	60.0	0.0	80.0
25	9.0	12.0	0.0	0.0	20.0	0.0	0.0	0.0	30.0	10.0	30.0	0.0
26	21.0	10.0	5.0	33.0	7.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0
27	14.0	0.0	10.0	45.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
28	21.0	21.0	0.0	10.0	0.0	0.0	20.0	0.0	10.0	0.0	0.0	0.0
29	0.0		0.0	29.0	0.0	0.0	1.0	0.0	20.0	0.0	0.0	0.0
30	0.0		36.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	310.0	308.0	192.0	529.0	304.0	92.0	32.0	20.0	207.0	455.0	270.0	364.0
D. LL.	17	15	14	18	13	3	4	2	10	15	11	14

TOTALES ANUALES — 3083.0 mm. — 136 Días lluvia

ESTACION: EL AGRADO — MUNICIPIO: MONTENEGRO — AÑO: 1.982

ALTITUD: 1.350 — LATITUD: 4-28 N. — LONGITUD: 75-49 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	65.0	0.0	2.0	5.0	25.0	0.0	0.0	0.0	0.0	9.0	12.0	3.0
2	29.0	2.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	39.0	7.0
3	35.0	0.0	12.0	7.0	55.0	0.0	0.0	0.0	0.0	17.0	1.0	0.0
4	10.0	0.0	2.0	8.0	8.0	0.0	13.0	0.0	0.0	38.0	0.0	0.0
5	16.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
6	0.0	36.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
7	29.0	0.0	2.0	0.0	5.0	0.0	0.0	2.0	0.0	10.0	4.0	12.0
8	0.0	0.0	0.0	10.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0
9	0.0	19.0	0.0	3.0	0.0	12.0	0.0	0.0	6.0	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	10.0	0.0
11	7.0	0.0	5.0	47.0	7.0	26.0	0.0	0.0	0.0	6.0	7.0	0.0
12	0.0	2.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
13	0.0	12.0	0.0	0.0	0.0	6.0	0.0	0.0	26.0	0.0	0.0	0.0
14	2.0	10.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0
15	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0
16	0.0	0.0	0.0	50.0	10.0	0.0	0.0	0.0	29.0	6.0	0.0	0.0
17	0.0	0.0	12.0	30.0	5.0	0.0	0.0	0.0	34.0	0.0	0.0	0.0
18	0.0	28.0	27.0	16.0	2.0	0.0	0.0	0.0	60.0	12.0	4.0	0.0
19	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	1.0	28.0	0.0	1.0
20	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	31.0	2.0	53.0	2.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	12.0
22	2.0	0.0	10.0	0.0	2.0	0.0	0.0	0.0	0.0	36.0	0.0	0.0
23	17.0	2.0	0.0	10.0	0.0	0.0	0.0	0.0	8.0	7.0	0.0	0.0
24	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	16.0	72.0	0.0	26.0
25	0.0	0.0	0.0	0.0	5.0	1.0	1.0	0.0	9.0	20.0	3.0	0.0
26	2.0	0.0	0.0	3.0	2.0	0.0	8.0	0.0	0.0	2.0	41.0	0.0
27	0.0	0.0	6.0	0.0	0.0	0.0	1.0	0.0	21.0	24.0	0.0	1.0
28	2.0	0.0	2.0	15.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0
29	0.0		0.0	0.0	26.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0
30	0.0		0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		28.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	216.0	123.0	144.0	251.0	215.0	45.0	24.0	2.0	261.0	330.0	200.0	92.0
D. LL.	12	9	14	15	16	4	5	1	13	18	12	10

TOTALES ANUALES — 1903.0 mm. — 129 Días lluvia

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

ESTACION: EL ROCIO — MUNICIPIO: QUIMBAYA — AÑO: 1.982

ALTITUD: — LATITUD: 4-34 N. — LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	74.0	0.0	7.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	55.0	0.0
2	40.0	3.0	11.0	0.0	48.0	9.0	0.0	13.0	0.0	0.0	2.0	0.0
3	10.0	0.0	11.0	19.0	0.0	0.0	0.0	0.0	0.0	29.0	0.0	17.0
4	9.0	0.0	1.0	15.0	0.0	1.0	0.0	0.0	0.0	0.0	3.0	0.0
5	5.0	0.0	13.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
6	15.0	17.0	0.0	0.0	3.0	0.0	0.0	28.0	8.0	0.0	21.0	0.0
7	0.0	0.0	4.0	0.0	5.0	7.0	0.0	0.0	0.0	0.0	0.0	55.0
8	0.0	15.0	0.0	30.0	19.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0
9	10.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	10.0	0.0
10	0.0	9.0	0.0	23.0	8.0	22.0	0.0	0.0	53.0	0.0	12.0	0.0
11	0.0	12.0	5.0	0.0	0.0	0.0	3.0	0.0	0.0	61.0	0.0	0.0
12	0.0	0.0	0.0	0.0	6.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
13	20.0	11.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
14	0.0	0.0	26.0	0.0	62.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	1.0	0.0	46.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
16	0.0	0.0	0.0	10.0	1.0	0.0	0.0	0.0	32.0	22.0	0.0	0.0
17	0.0	19.0	0.0	15.0	3.0	0.0	6.0	0.0	12.0	0.0	0.0	0.0
18	0.0	31.0	10.0	32.0	18.0	0.0	0.0	0.0	14.0	0.0	5.0	6.0
19	0.0	0.0	20.0	0.0	33.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	4.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	42.0	60.0	30.0
21	0.0	0.0	35.0	0.0	5.0	0.0	0.0	0.0	0.0	10.0	3.0	0.0
22	0.0	0.0	0.0	6.0	26.0	0.0	0.0	0.0	0.0	21.0	4.0	0.0
23	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0	0.0	38.0	0.0	0.0
24	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	31.0	6.0	0.0	0.0
25	0.0	2.0	0.0	15.0	3.0	1.0	3.0	0.0	0.0	0.0	1.0	0.0
26	0.0	0.0	0.0	6.0	0.0	0.0	5.0	0.0	0.0	10.0	10.0	0.0
27	15.0	8.0	0.0	33.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	20.0
28	0.0	6.0	13.0	0.0	22.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	12.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0
Total	198.0	138.0	165.0	282.0	330.0	81.0	41.0	41.0	150.0	264.0	186.0	164.0
D. LL.	9	13	13	14	21	8	7	2	6	10	12	8

TOTALES ANUALES — 2040.0 mm. — 123 Días lluvia

ESTACION: AMAZONAS — MUNICIPIO: FILANDIA — AÑO: 1.982

ALTITUD: — LATITUD: 4-38 N. — LONGITUD: 75-39 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	7.0	0.0	9.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	37.0	11.0	31.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	76.0	
3	29.0	1.0	0.0	5.0	45.0	0.0	0.0	0.0	0.0	62.0	0.0	
4	7.0	0.0	20.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	67.0	
5	57.0	0.0	6.0	5.0	0.0	13.0	0.0	0.0	0.0	0.0	20.0	
6	29.0	24.0	1.0	1.0	9.0	0.0	0.0	0.0	0.0	10.0	0.0	
7	24.0	17.0	1.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	
8	1.0	0.0	4.0	10.0	0.0	0.0	21.0	12.0	21.0	0.0	0.0	
9	0.0	29.0	0.0	2.0	19.0	27.0	0.0	0.0	64.0	31.0	0.0	
10	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	1.0	15.0	0.0	60.0	25.0	26.0	25.0	0.0	0.0	68.0	77.0	
12	2.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	7.0	23.0	0.0	18.0	6.0	0.0	0.0	0.0	0.0	0.0	
14	21.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	41.0	0.0	
15	2.0	11.0	19.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	3.0	6.0	65.0	0.0	0.0	0.0	0.0	47.0	29.0	0.0	
17	0.0	0.0	53.0	35.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	17.0	0.0	15.0	5.0	0.0	0.0	0.0	0.0	23.0	0.0	
19	0.0	2.0	0.0	10.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	1.0	11.0	0.0	41.0	0.0	0.0	0.0	31.0	0.0	59.0	
21	0.0	0.0	21.0	1.0	3.0	0.0	0.0	0.0	0.0	26.0	0.0	
22	0.0	25.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	25.0	40.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	13.0	0.0	15.0	0.0	0.0	0.0	0.0	87.0	15.0	
25	3.0	2.0	26.0	0.0	0.0	0.0	7.0	0.0	71.0	0.0	0.0	
26	105.0	2.0	14.0	51.0	6.0	0.0	0.0	0.0	0.0	0.0	14.0	
27	0.0	35.0	19.0	0.0	0.0	0.0	3.0	0.0	7.0	31.0	0.0	
28	10.0	17.0	0.0	45.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	
29	5.0		8.0	8.0	1.0	0.0	0.0	0.0	6.0	0.0	0.0	
30	0.0		12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	12.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total	353.0	247.0	322.0	357.0	254.0	79.0	140.0	12.0	262.0	408.0	328.0	
D. LL.	18	19	20	17	17	6	6	1	8	10	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: 1.982

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	39.0	1.0	11.0	11.0	8.0	0.0	0.0	15.0	0.0	3.0	21.5	5.5
2	52.0	0.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	35.0	48.0	14.0
3	40.0	0.0	6.0	27.0	35.0	10.0	0.0	2.0	0.0	25.0	0.0	6.0
4	9.5	1.0	6.0	14.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0
5	13.5	0.0	0.0	5.0	0.0	1.0	0.0	0.0	0.0	0.0	2.0	0.0
6	4.5	25.0	18.0	4.0	4.0	0.0	0.0	0.0	0.0	1.0	0.0	11.5
7	41.0	5.0	0.0	4.0	0.0	0.0	0.0	30.0	2.5	0.0	8.0	22.0
8	0.0	0.0	5.0	2.0	5.0	4.0	2.0	0.0	0.0	0.0	0.0	51.0
9	0.0	12.0	0.0	15.0	10.0	40.5	0.0	0.0	2.5	6.0	0.0	0.0
10	13.0	0.0	0.0	20.0	0.0	1.5	0.0	0.0	33.5	0.0	27.0	0.0
11	0.0	10.0	0.0	0.0	8.0	21.0	2.0	0.0	0.0	48.0	14.0	0.0
12	0.0	11.0	14.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	2.0	2.0
13	0.0	0.0	7.0	0.0	2.0	5.0	0.0	0.0	3.0	0.0	0.0	0.0
14	17.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	5.0	0.0	4.5
15	5.0	0.0	33.0	0.0	52.0	0.0	0.0	0.0	0.0	0.0	1.0	8.5
16	0.0	1.0	0.0	38.0	4.0	0.0	0.0	0.0	13.0	19.0	0.0	0.0
17	0.0	0.0	53.0	29.0	1.0	0.0	0.0	0.0	14.5	0.0	0.0	0.0
18	0.0	21.0	0.0	20.0	0.0	0.0	4.0	0.0	11.0	3.0	5.0	0.0
19	0.0	29.0	17.0	21.0	19.0	2.5	0.0	0.0	0.0	11.0	0.0	7.0
20	0.0	2.0	0.0	0.0	29.0	0.0	0.0	0.0	2.0	0.0	48.5	0.0
21	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	9.0	0.0	32.0
22	0.0	0.0	46.0	0.0	4.0	0.0	0.0	0.0	0.0	51.0	2.5	0.0
23	0.0	0.0	0.0	3.0	11.0	0.0	0.0	0.0	1.0	21.0	0.0	0.0
24	0.0	0.0	0.0	0.0	29.0	3.0	0.0	0.0	18.0	40.0	0.0	0.0
25	4.0	0.0	3.0	0.0	14.0	0.0	0.0	0.0	11.5	5.0	2.5	0.0
26	0.0	3.0	0.0	9.0	3.0	0.0	1.0	0.0	0.0	0.0	6.0	4.0
27	0.0	0.0	11.0	4.0	0.0	2.0	4.0	0.0	5.0	6.5	0.0	0.0
28	4.5	8.0	1.0	19.0	0.0	0.0	12.0	0.0	1.5	0.0	0.0	0.0
29	0.0		2.0	2.0	29.0	0.0	1.0	0.0	3.0	0.0	0.0	0.0
30	0.0		12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		1.0	0.0	4.0	0.0	2.0	0.0	0.0	7.0	0.0	0.0
Total	243.0	143.0	248.0	248.0	279.0	90.5	29.5	47.0	126.0	306.5	188.0	168.0
D. Ll.	12	14	18	19	20	10	9	3	15	18	13	12

TOTALES ANUALES — 2116.5 mm. — 163 Días lluvia

ESTACION: VILLA HORIZABA — MUNICIPIO: GENOVA — AÑO: 1.982

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	21.0	0.0	8.0	0.0	8.0	0.0	0.0	3.0	0.0	2.0	4.0	0.0
2	15.0	8.0	3.0	0.0	12.0	0.0	0.0	0.0	0.0	15.0	15.0	0.0
3	53.0	0.0	6.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0	32.0	2.0
4	37.0	0.0	11.0	16.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	12.0
5	15.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	8.0	10.0
6	7.0	0.0	7.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0
7	5.0	27.0	0.0	2.0	0.0	0.0	0.0	1.0	0.0	7.0	11.0	3.0
8	0.0	0.0	9.0	7.0	3.0	0.0	0.0	0.0	0.0	10.0	0.0	1.0
9	33.0	6.0	0.0	1.0	0.0	9.0	0.0	0.0	1.0	25.0	0.0	26.0
10	11.0	16.0	0.0	4.0	1.0	0.0	0.0	0.0	11.0	0.0	9.0	2.0
11	3.0	0.0	2.0	27.0	0.0	3.0	2.0	0.0	9.0	10.0	46.0	0.0
12	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
13	0.0	0.0	0.0	1.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	46.0	27.0	1.0	6.0	0.0	0.0	0.0	1.0	23.0	0.0	0.0
15	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	39.0	7.0	7.0	0.0
16	0.0	10.0	12.0	25.0	3.0	0.0	0.0	0.0	30.0	3.0	3.0	0.0
17	0.0	2.0	40.0	12.0	5.0	0.0	0.0	0.0	20.0	7.0	0.0	0.0
18	0.0	22.0	17.0	12.0	6.0	0.0	0.0	0.0	0.0	4.0	12.0	3.0
19	0.0	12.0	9.0	0.0	0.0	2.0	0.0	0.0	10.0	28.0	1.0	1.0
20	0.0	4.0	0.0	2.0	37.0	0.0	0.0	0.0	0.0	9.0	11.0	0.0
21	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	30.0	1.0	22.0
22	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
23	0.0	26.0	1.0	12.0	4.0	0.0	0.0	0.0	6.0	15.0	0.0	3.0
24	0.0	0.0	2.0	0.0	29.0	0.0	0.0	0.0	15.0	14.0	0.0	3.0
25	0.0	0.0	0.0	12.0	20.0	0.0	0.0	0.0	8.0	12.0	0.0	0.0
26	52.0	0.0	6.0	10.0	8.0	0.0	0.0	0.0	0.0	0.0	9.0	47.0
27	0.0	0.0	19.0	20.0	0.0	0.0	10.0	0.0	37.0	0.0	30.0	1.0
28	26.0	2.0	4.0	17.0	0.0	0.0	15.0	0.0	2.0	0.0	20.0	0.0
29	1.0		0.0	3.0	1.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
30	0.0		10.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.0	0.0	0.0
Total	279.0	221.0	193.0	207.0	160.0	17.0	27.0	4.0	189.0	273.0	247.0	137.0
D. Ll.	13	15	18	21	18	5	3	2	13	21	17	15

TOTALES ANUALES — 1954.0 mm. — 161 Días lluvia

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

ESTACION: EL DIAMANTE MUNICIPIO: QUINCHIA AÑO: 1.982

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	10.0	2.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	1.0	9.0	0.0
2	10.0	38.0	0.0	40.0	8.0	0.0	0.0	0.0	0.0	43.0	22.0	0.0
3	30.0	0.0	34.0	2.0	9.0	9.0	0.0	0.0	0.0	0.0	7.0	0.0
4	35.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	8.0	54.0	0.0	5.0
5	2.0	0.0	32.0	33.0	0.0	0.0	0.0	0.0	9.0	0.0	4.0	0.0
6	17.0	5.0	22.0	0.0	4.0	0.0	0.0	0.0	0.0	7.0	10.0	0.0
7	10.0	0.0	0.0	16.0	14.0	51.0	0.0	13.0	0.0	11.0	8.0	0.0
8	4.0	0.0	0.0	1.0	11.0	0.0	0.0	12.0	0.0	0.0	0.0	22.0
9	2.0	0.0	0.0	4.0	14.0	27.0	0.0	0.0	0.0	0.0	0.0	5.0
10	0.0	0.0	10.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0
11	0.0	0.0	0.0	44.0	13.0	6.0	0.0	0.0	38.0	43.0	0.0	0.0
12	0.0	29.0	2.0	2.0	0.0	0.0	0.0	0.0	27.0	7.0	18.0	0.0
13	0.0	5.0	29.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
14	10.0	32.0	0.0	0.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	2.0	7.0	0.0	0.0
16	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	8.0	0.0
17	0.0	0.0	0.0	17.0	9.0	0.0	0.0	0.0	15.0	10.0	0.0	6.0
18	0.0	5.0	0.0	9.0	13.0	4.0	0.0	0.0	0.0	0.0	2.0	0.0
19	0.0	10.0	0.0	8.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	26.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
21	0.0	0.0	2.0	0.0	42.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
22	0.0	0.0	0.0	27.0	10.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0
23	0.0	0.0	1.0	2.0	9.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	19.0	37.0	0.0	0.0
25	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
26	2.0	3.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	1.0	7.0	0.0
27	28.0	15.0	2.0	6.0	0.0	0.0	9.0	0.0	37.0	0.0	0.0	0.0
28	0.0	2.0	34.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	1.0		1.0	9.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	5.0	0.0	0.0	8.0	0.0	0.0	0.0
31	9.0		0.0	0.0	1.0	0.0	0.0	2.0	0.0	6.0	0.0	0.0
Total	170.0	146.0	182.0	292.0	223.0	103.0	13.0	27.0	209.0	238.0	95.0	52.0
D. Ll.	14	11	13	19	21	7	2	3	13	14	10	6

TOTALES ANUALES 1750.0 mm. 133 Días lluvia

ESTACION: LA ORIENTAL MUNICIPIO: QUINCHIA AÑO: 1.982

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	4.0	0.0	0.0	11.0	23.0	0.0	0.0	11.0	0.0	0.0	0.0	
2	13.0	30.0	14.0	10.0	7.0	0.0	0.0	0.0	0.0	38.0	21.0	
3	26.0	0.0	17.0	1.0	29.0	0.0	0.0	0.0	4.0	0.0	0.0	
4	6.0	4.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0	
5	9.0	35.0	40.0	11.0	28.0	78.0	0.0	0.0	0.0	0.0	5.0	
6	16.0	6.0	6.0	6.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	10.0	0.0	0.0	4.0	7.0	0.0	0.0	19.0	0.0	1.0	0.0	
8	0.0	13.0	3.0	3.0	10.0	0.0	0.0	0.0	0.0	3.0	0.0	
9	0.0	2.0	0.0	6.0	16.0	36.0	0.0	0.0	2.0	0.0	0.0	
10	21.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
11	0.0	0.0	9.0	22.0	75.0	0.0	0.0	0.0	6.0	12.0	15.0	
12	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	17.0	7.0	0.0	
13	0.0	12.0	26.0	0.0	0.0	27.0	0.0	0.0	5.0	0.0	0.0	
14	3.0	31.0	0.0	0.0	6.0	0.0	0.0	0.0	6.0	1.0	0.0	
15	0.0	0.0	0.0	2.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	
16	0.0	0.0	11.0	30.0	2.0	12.0	0.0	0.0	1.0	5.0	0.0	
17	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	10.0	0.0	0.0	
18	0.0	1.0	0.0	13.0	4.0	0.0	0.0	0.0	6.0	0.0	5.0	
19	0.0	5.0	0.0	15.0	0.0	0.0	0.0	0.0	6.0	3.0	8.0	
20	0.0	0.0	0.0	28.0	19.0	0.0	0.0	0.0	8.0	0.0	10.0	
21	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	7.0	21.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	14.0	22.0	0.0	
24	1.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	43.0	0.0	
26	2.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	1.0	14.0	0.0	28.0	0.0	0.0	4.0	0.0	0.0	0.0	5.0	
28	13.0	3.0	30.0	44.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	4.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	
30	0.0		0.0	8.0	0.0	4.0	0.0	0.0	20.0	0.0	28.0	
31	2.0		0.0	0.0	1.0	0.0	0.0	0.0	0.0	2.0	0.0	
Total	130.0	156.0	163.0	318.0	317.0	157.0	6.0	31.0	154.0	191.0	97.0	
D. Ll.	15	12	10	23	19	5	2	3	16	13	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: PLANTA TRATAMIENTO MUNICIPIO: MISTRATO AÑO: 1.982

ALTITUD: 1.600 LATITUD: 5-17 N. LONGITUD: 75-53 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	20.0	0.0	0.0	4.0	5.0	0.0	0.0	0.0	6.0	0.0	10.0	0.0
2	10.0	3.0	0.0	10.0	3.0	0.0	0.0	2.0	0.0	26.0	2.0	0.0
3	30.0	4.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0	22.0	10.0	0.0
4	20.0	0.0	0.0	22.0	0.0	8.0	0.0	0.0	0.0	13.0	5.0	0.0
5	20.0	0.0	5.0	43.0	0.0	7.0	0.0	0.0	0.0	0.0	8.0	5.0
6	10.0	0.0	0.0	20.0	40.0	0.0	0.0	0.0	0.0	0.0	7.0	3.0
7	5.0	0.0	0.0	40.0	5.0	0.0	0.0	8.0	0.0	4.0	0.0	0.0
8	5.0	0.0	20.0	0.0	10.0	25.0	4.0	3.0	0.0	12.0	0.0	10.0
9	0.0	15.0	5.0	0.0	5.0	23.0	0.0	0.0	2.0	3.0	0.0	0.0
10	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	2.0	5.0	0.0	0.0
11	0.0	0.0	0.0	40.0	10.0	4.0	0.0	0.0	0.0	10.0	12.0	5.0
12	2.0	10.0	0.0	20.0	0.0	0.0	4.0	0.0	0.0	0.0	2.0	0.0
13	0.0	0.0	25.0	10.0	0.0	4.0	0.0	0.0	2.0	0.0	0.0	0.0
14	0.0	20.0	0.0	5.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
15	3.0	12.0	0.0	5.0	1.0	0.0	0.0	0.0	2.0	10.0	5.0	8.0
16	0.0	3.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
17	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
18	0.0	0.0	0.0	10.0	10.0	4.0	3.0	0.0	6.0	5.0	10.0	0.0
19	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	12.0
20	0.0	4.0	0.0	5.0	10.0	0.0	0.0	0.0	6.0	2.0	20.0	0.0
21	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	3.0	0.0	0.0	0.0	5.0	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	28.0	6.0	0.0	6.0
24	4.0	0.0	4.0	0.0	4.0	0.0	0.0	0.0	10.0	4.0	0.0	0.0
25	0.0	32.0	0.0	0.0	0.0	0.0	4.0	0.0	4.0	48.0	0.0	0.0
26	0.0	0.0	0.0	0.0	10.0	0.0	3.0	0.0	0.0	7.0	0.0	0.0
27	5.0	0.0	0.0	4.0	0.0	5.0	3.0	0.0	3.0	0.0	8.0	0.0
28	18.0	10.0	0.0	10.0	8.0	0.0	0.0	0.0	2.0	0.0	0.0	4.0
29	0.0		30.0	0.0	4.0	30.0	3.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	155.0	113.0	109.0	302.0	164.0	110.0	24.0	13.0	83.0	185.0	105.0	53.0
D. LL	14	10	7	20	18	9	7	3	14	16	13	8

TOTALES ANUALES 1416.0 mm. 139 Días lluvia

ESTACION: BUENOS AIRES MUNICIPIO: GUATICA AÑO: 1.982

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	11.0	0.0	9.0	2.0	0.0	0.0	0.0	0.0	0.0	23.0	3.0	0.0
2	7.0	1.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	8.0	8.0	0.0
3	7.0	0.0	18.0	0.0	12.0	0.0	3.0	0.0	4.0	20.0	29.0	1.0
4	14.0	0.0	15.0	69.0	5.0	6.0	2.0	0.0	0.0	31.0	0.0	0.0
5	4.0	2.0	20.0	10.0	0.0	5.0	0.0	0.0	4.0	4.0	16.0	0.0
6	8.0	0.0	4.0	1.0	9.0	6.0	0.0	0.0	0.0	6.0	5.0	0.0
7	6.0	0.0	0.0	1.0	6.0	24.0	0.0	9.0	0.0	3.0	0.0	0.0
8	0.0	0.0	2.0	4.0	6.0	0.0	0.0	0.0	8.0	3.0	0.0	5.0
9	4.0	17.0	0.0	2.0	8.0	18.0	0.0	0.0	3.0	0.0	0.0	0.0
10	0.0	0.0	7.0	0.0	6.0	6.0	0.0	0.0	10.0	3.0	0.0	0.0
11	0.0	15.0	3.0	45.0	32.0	1.0	2.0	0.0	14.0	5.5	10.0	2.0
12	5.0	0.0	0.0	15.0	0.0	0.0	4.0	0.0	5.0	7.0	0.0	0.0
13	0.0	0.0	30.0	1.0	2.0	0.0	0.0	0.0	6.0	0.0	5.0	0.0
14	1.0	9.0	10.0	0.0	0.0	0.0	0.0	0.0	3.0	6.0	0.0	0.0
15	1.0	10.0	5.0	0.0	11.0	0.0	0.0	0.0	4.0	15.0	4.0	0.0
16	0.0	2.0	12.0	15.0	10.0	0.0	0.0	0.0	5.0	20.0	0.0	0.0
17	0.0	0.0	2.0	0.0	10.0	0.0	0.0	0.0	10.0	0.0	8.0	0.0
18	0.0	0.0	0.0	5.0	1.0	0.0	6.0	0.0	10.0	0.0	3.0	0.0
19	0.0	2.0	0.0	20.0	19.0	9.0	3.0	0.0	5.0	0.0	5.0	0.0
20	0.0	1.0	0.0	2.0	5.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
21	0.0	0.0	2.0	3.0	6.0	0.0	0.0	0.0	3.0	9.0	4.0	5.0
22	0.0	0.0	0.0	12.0	9.0	0.0	22.0	0.0	10.0	1.0	0.0	5.0
23	0.0	0.0	0.0	1.0	6.0	0.0	0.0	0.0	10.0	4.0	0.0	0.0
24	28.0	0.0	4.0	3.0	4.0	0.0	0.0	0.0	4.0	5.0	1.0	0.0
25	0.0	5.0	1.0	0.0	3.0	0.0	3.0	0.0	10.0	45.0	0.0	0.0
26	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	6.0	5.0	0.0	0.0
27	0.0	0.0	0.0	0.0	1.0	0.0	2.0	0.0	7.0	0.0	7.0	0.0
28	22.0	11.0	4.0	10.0	10.0	0.0	2.0	0.0	2.0	4.0	0.0	0.0
29	0.0		3.0	1.0	16.0	7.0	7.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	12.0	0.0	0.0	0.0	0.0	1.0	5.0	0.0	0.0
31	0.0		86.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
Total	118.0	75.0	237.0	236.0	207.0	82.0	56.0	9.0	142.0	235.5	118.0	18.0
D. LL	13	11	19	22	25	9	11	1	22	23	15	5

TOTALES ANUALES 1533.5 mm. 176 Días lluvia

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

ESTACION: OSPIRMA MUNICIPIO: GUATICA AÑO: 1.982

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	15.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0
2	10.0	0.0	10.0	0.0	5.0	0.0	0.0	5.0	0.0	30.0	5.0	0.0
3	20.0	0.0	10.0	5.0	17.0	0.0	0.0	0.0	5.0	5.0	0.0	0.5
4	15.0	0.0	0.0	0.0	5.0	20.0	0.0	0.0	0.0	25.0	5.0	0.0
5	5.0	0.0	10.0	20.0	0.0	30.0	0.0	0.0	0.0	0.0	10.0	10.0
6	20.0	0.0	0.0	183.0	10.0	5.0	0.0	0.0	0.0	5.0	0.0	0.5
7	20.0	5.0	0.0	0.0	20.0	5.0	0.0	10.0	5.0	5.0	15.0	0.5
8	0.0	15.0	5.0	0.0	0.0	10.0	0.0	5.0	0.0	0.0	0.0	0.0
9	5.0	5.0	0.0	0.0	20.0	25.0	0.0	0.0	5.0	5.0	5.0	10.0
10	0.0	0.0	10.0	20.0	0.0	20.0	0.0	0.0	0.0	10.0	20.0	0.0
11	0.0	10.0	0.0	28.0	15.0	10.0	0.0	0.0	10.0	35.0	17.0	0.5
12	0.0	0.0	5.0	15.0	0.0	0.0	5.0	0.0	10.0	0.0	15.0	0.0
13	0.0	5.0	60.0	0.0	10.0	0.0	0.0	0.0	70.0	5.0	5.0	0.0
14	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	10.0	0.0	0.0
15	0.0	0.0	0.0	10.0	20.0	0.0	0.0	0.0	5.0	5.0	5.0	0.0
16	0.0	5.0	10.0	0.0	5.0	0.0	0.0	0.0	5.0	40.0	0.0	0.0
17	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	10.0	5.0	0.0	0.5
18	0.0	0.0	0.0	25.0	10.0	5.0	5.0	0.0	10.0	0.0	5.0	0.0
19	0.0	0.0	5.0	20.0	15.0	0.0	5.0	0.0	5.0	0.0	15.0	0.0
20	0.0	5.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	5.0	15.0	0.5
21	5.0	0.0	5.0	18.0	20.0	0.0	0.0	0.0	0.0	10.0	15.0	10.0
22	0.0	0.0	0.0	0.0	10.0	0.0	20.0	0.0	10.0	0.0	0.0	0.0
23	0.0	5.0	5.0	0.0	5.0	0.0	0.0	0.0	15.0	15.0	0.0	0.0
24	20.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	20.0	5.0	0.0
25	5.0	0.0	5.0	10.0	5.0	0.0	0.0	0.0	10.0	30.0	5.0	0.0
26	0.0	5.0	0.0	0.0	20.0	0.0	5.0	0.0	5.0	40.0	5.0	0.0
27	5.0	0.0	0.0	20.0	0.0	0.0	10.0	0.0	10.0	0.0	10.0	0.0
28	0.0	10.0	5.0	5.0	20.0	5.0	5.0	0.0	0.0	0.0	5.0	0.5
29	0.0		0.0	0.0	30.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	145.0	80.0	145.0	409.0	269.0	135.0	60.0	25.0	210.0	308.0	182.0	33.5
D. Ll.	12	11	13	16	21	10	8	4	18	20	19	10

TOTALES ANUALES 2001.5 mm. 162 Días lluvia

ESTACION: TAPARCAL MUNICIPIO: BELEN DE UMBRIA AÑO: 1.982

ALTITUD: 1.400 LATITUD: 5-11 N. LONGITUD: 75-52 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	18.0	6.2	5.7	36.3	9.5	0.0	0.0		1.2	6.4	10.0	0.0
2	9.0	20.9	7.4	33.0	10.0	6.0	0.0		0.7	16.3	5.0	0.0
3	24.0	3.6	2.0	4.0	17.2	7.0	0.0		0.0	0.1	1.7	6.8
4	64.0	10.0	13.5	16.0	5.8	6.7	2.1		0.0	17.2	0.2	10.5
5	9.5	29.0	7.0	13.9	0.0	7.4	1.7		0.0	0.0	4.2	0.0
6	17.0	28.7	0.0	4.8	25.0	0.0	0.3		0.0	0.0	5.7	0.3
7	12.0	0.0	0.0	12.0	15.0	3.4	0.0		29.5	1.5	4.2	0.1
8	2.0	0.0	0.6	8.0	20.0	0.0	5.4		10.0	6.9	0.0	0.0
9	0.0	14.6	0.0	20.0	35.0	8.0	0.0		0.0	10.0	0.0	14.0
10	0.0	0.6	0.0	0.0	0.1	0.0	0.0		15.0	0.0	0.0	0.0
11	0.0	0.0	2.0	155.7	50.8	6.0	8.6		0.0	0.0	12.0	16.0
12	7.0	7.3	0.1	0.3	0.0	0.0	22.9		17.0	0.0	11.9	0.0
13	0.0	0.0	4.0	1.4	1.3	31.0	0.0		0.0	2.1	0.0	0.0
14	10.0	6.4	0.5	0.0	0.0	0.0	0.0		14.5	9.3	0.0	0.0
15	3.0	0.0	0.4	0.3	3.2	2.0	0.0		5.2	0.0	35.0	0.0
16	0.0	0.4	10.6	11.4	0.0	0.0	0.0		0.0	1.2	1.7	0.0
17	0.0	0.0	0.0	8.3	11.7	0.0	0.0		11.7	0.0	2.0	0.0
18	0.0	0.0	0.5	13.0	39.3	0.0	0.6		27.0	0.0	10.1	0.0
19	0.0	1.0	2.3	6.0	16.7	0.0	5.0		0.0	1.5	10.0	9.3
20	0.0	5.0	0.0	0.0	10.3	10.0	0.0		1.0	8.0	0.1	0.1
21	0.0	4.5	6.4	0.3	29.8	5.0	0.0		0.0	0.0	3.0	0.4
22	0.0	0.0	0.0	29.1	11.0	0.0	0.6		0.0	3.2	4.0	25.4
23	0.0	0.0	1.5	1.4	5.6	0.0	0.0		7.5	6.9	2.9	0.0
24	20.0	0.0	4.0	0.0	2.1	0.0	0.0		15.0	24.0	10.0	0.0
25	16.0	4.0	0.7	0.0	22.2	0.0	8.5		5.0	25.0	9.5	0.0
26	0.0	0.1	1.3	0.7	17.0	0.0	6.8		0.0	0.0	0.0	18.2
27	0.2	2.0	0.0	0.0	0.6	0.0	7.7		9.0	0.0	4.5	0.0
28	20.6	0.0	2.0	15.8	0.5	0.0	10.6		0.1	1.0	0.0	0.0
29	0.0		0.4	5.6	12.0	0.0	1.4		0.0	1.4	0.0	0.0
30	0.0		1.3	23.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0
31	0.7		3.3	0.0	0.8	0.0	0.0		0.0	9.0	0.0	0.0
Total	233.0	144.3	77.5	420.3	372.5	92.5	82.2		169.4	151.0	147.7	101.1
D. Ll.	16	17	23	24	26	11	14		16	19	21	11

TOTALES ANUALES mm. Días lluvia

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

ESTACION: LA PRIMAVERA — MUNICIPIO: BELEN DE UMBRIA — AÑO: 1.982

ALTITUD: 1.700 — LATITUD: 5-13 N. — LONGITUD: 75-49 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	3.0	8.0	16.0	0.0	1.0		3.0	0.0	1.0	15.0	12.0	2.0
2	3.0	3.0	22.0	0.0	0.0		1.0	0.0	0.0	1.0	7.0	7.0
3	6.0	0.0	4.0	0.0	0.0		0.0	0.0	0.0	3.0	1.0	0.0
4	4.0	7.0	0.0	2.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	10.0	0.0	1.0	6.0		0.0	0.0	0.0	0.0	0.0	7.0
6	9.0	3.0	12.0	0.0	3.0		0.0	9.0	0.0	1.0	4.0	1.0
7	36.0	0.0	26.0	0.0	4.0		5.0	10.0	0.0	48.0	2.0	3.0
8	45.0	1.0	6.0	7.0	2.0		1.0	1.0	0.0	39.0	8.0	8.0
9	16.0	2.0	1.0	6.0	0.0		0.0	0.0	3.0	22.0	14.0	16.0
10	9.0	19.0	0.0	3.0	1.0		0.0	0.0	9.0	1.0	20.0	3.0
11	6.0	34.0	0.0	8.0	3.0		0.0	0.0	12.0	1.0	6.0	0.0
12	23.0	26.0	21.0	35.0	0.0		0.0	0.0	4.0	60.0	2.0	0.0
13	33.0	9.0	30.0	7.0	1.0		0.0	0.0	0.0	3.0	0.0	0.0
14	14.0	10.0	3.0	0.0	2.0		0.0	0.0	0.0	0.0	12.0	5.0
15	3.0	48.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	7.0	0.0
16	0.0	16.0	6.0	3.0	0.0		14.0	0.0	16.0	3.0	1.0	0.0
17	0.0	3.0	51.0	2.0	3.0		22.0	0.0	14.0	10.0	40.0	0.0
18	6.0	1.0	36.0	1.0	15.0		21.0	0.0	11.0	30.0	22.0	0.0
19	7.0	0.0	12.0	6.0	3.0		10.0	0.0	0.0	6.0	9.0	8.0
20	26.0	0.0	3.0	0.0	18.0		0.0	0.0	30.0	0.0	3.0	11.0
21	15.0	3.0	1.0	0.0	40.0		0.0	0.0	55.0	0.0	0.0	2.0
22	18.0	10.0	0.0	0.0	13.0		1.0	0.0	10.0	0.0	1.0	1.0
23	8.0	13.0	0.0	1.0	1.0		0.0	0.0	3.0	1.0	1.0	0.0
24	5.0	7.0	0.0	0.0	1.0		0.0	0.0	0.0	4.0	7.0	0.0
25	0.0	2.0	6.0	3.0	13.0		1.0	0.0	26.0	12.0	4.0	0.0
26	0.0	1.0	28.0	4.0	6.0		9.0	0.0	12.0	35.0	16.0	1.0
27	0.0	0.0	7.0	2.0	6.0		3.0	0.0	1.0	20.0	2.0	3.0
28	3.0	11.0	16.0	0.0	18.0		0.0	0.0	6.0	3.0	0.0	0.0
29	3.0		24.0	1.0	1.0		0.0	0.0	1.0	12.0	26.0	0.0
30	9.0		10.0	4.0	0.0		0.0	0.0	8.0	1.0	5.0	0.0
31	0.0		3.0	0.0	0.0		0.0	2.0	0.0	6.0	0.0	0.0
Total	310.0	247.0	344.0	96.0	161.0		91.0	22.0	222.0	337.0	232.0	78.0
D. Ll.	24	23	23	18	22		12	4	18	24	25	15

TOTALES ANUALES — mm. — Días lluvia

ESTACION: LA FLORIDA — MUNICIPIO: BELEN DE UMBRIA — AÑO: 1.982

ALTITUD: 1.350 — LATITUD: 5-09 N. — LONGITUD: 75-53 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1				10.0	20.0	0.0	0.0	15.0	0.0	15.0	15.0	0.0
2				50.0	10.0	0.0	0.0	0.0	0.0	0.0	5.0	15.0
3				0.0	35.0	15.0	0.0	0.0	0.0	20.0	0.0	20.0
4				10.0	0.0	5.0	0.0	0.0	0.0	10.0	50.0	0.0
5				20.0	10.0	20.0	5.0	0.0	0.0	0.0	10.0	0.0
6				25.0	5.0	0.0	10.0	10.0	0.0	0.0	5.0	0.0
7				0.0	0.0	5.0	0.0	20.0	0.0	10.0	0.0	30.0
8				0.0	20.0	0.0	5.0	0.0	0.0	10.0	0.0	15.0
9				15.0	10.0	35.0	0.0	0.0	20.0	0.0	0.0	0.0
10				0.0	25.0	20.0	0.0	0.0	15.0	5.0	0.0	0.0
11				20.0	15.0	0.0	0.0	0.0	0.0	10.0	15.0	0.0
12				100.0	40.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0
13				0.0	10.0	20.0	0.0	0.0	10.0	0.0	0.0	0.0
14				0.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0	0.0
15				0.0	2.0	0.0	20.0	5.0	10.0	0.0	10.0	0.0
16				20.0	10.0	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	10.0	0.0	10.0	15.0
18				80.0	15.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
19				20.0	40.0	20.0	20.0	0.0	10.0	0.0	10.0	0.0
20				15.0	60.0	0.0	0.0	0.0	0.0	10.0	0.0	20.0
21				0.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
22				0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
23				20.0	85.0	0.0	0.0	5.0	10.0	0.0	0.0	0.0
24				0.0	0.0	0.0	0.0	0.0	20.0	15.0	20.0	15.0
25				10.0	60.0	0.0	5.0	0.0	10.0	5.0	5.0	0.0
26				0.0	55.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0
27				15.0	0.0	10.0	25.0	5.0	10.0	0.0	5.0	10.0
28				20.0	35.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0
29				20.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
30				20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31				0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
Total				490.0	652.0	170.0	135.0	60.0	147.0	130.0	160.0	150.0
D. Ll.				18	21	10	10	6	13	13	12	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: LOS NARANJOS — MUNICIPIO: SANTUARIO — AÑO: 1.982

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	5.6	10.0	20.0	0.0	0.0	0.0	0.0	10.0	50.0	0.0	18.0	10.0
2	15.0	0.0	0.0	10.0	28.0	0.0	0.0	0.0	6.0	16.0	0.0	0.0
3	26.0	8.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	20.0	29.0	0.0
4	25.0	20.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	4.0	0.0	10.0
5	5.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0
6	48.0	0.0	0.0	10.0	0.0	0.0	1.0	8.0	0.0	0.0	0.0	0.0
7	30.0	0.0	0.0	20.0	20.0	10.0	0.0	10.0	0.0	8.0	0.0	0.0
8	26.0	14.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0
9	0.0	8.0	5.0	0.0	12.0	38.0	0.0	0.0	0.0	20.0	0.0	0.0
10	0.0	10.0	0.0	38.0	0.0	0.0	0.0	0.0	0.0	40.0	27.0	0.0
11	0.0	12.0	0.0	10.0	9.0	10.0	0.0	0.0	72.0	60.0	30.0	0.0
12	0.0	0.0	6.0	0.0	0.0	13.0	4.0	0.0	0.0	24.0	0.0	0.0
13	0.0	0.0	7.0	8.0	10.0	17.0	0.0	0.0	6.0	0.0	0.0	0.0
14	0.0	8.0	0.0	0.0	15.0	0.0	0.0	4.0	10.0	0.0	0.0	0.0
15	0.0	0.0	10.0	32.0	5.0	0.0	0.0	6.0	3.0	5.0	15.0	0.0
16	0.0	0.0	50.0	34.0	10.0	0.0	0.0	0.0	4.0	0.0	0.0	5.0
17	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0
18	0.0	0.0	4.0	0.0	23.0	0.0	0.0	0.0	13.0	7.0	13.0	10.0
19	0.0	15.0	10.0	10.0	42.0	20.0	0.0	0.0	6.0	10.0	15.0	0.0
20	0.0	20.0	0.0	0.0	50.0	10.0	0.0	0.0	6.0	0.0	0.0	0.0
21	0.0	20.0	0.0	20.0	25.0	73.0	0.0	0.0	0.0	0.0	0.0	20.0
22	0.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	10.0	16.0	30.0
23	9.0	0.0	4.0	0.0	13.0	3.0	0.0	0.0	10.0	30.0	0.0	5.0
24	20.0	0.0	0.0	0.0	30.0	1.0	0.0	0.0	8.0	17.0	0.0	0.0
25	0.0	4.0	0.0	0.0	10.0	18.0	0.0	0.0	12.0	4.0	0.0	0.0
26	10.0	0.0	0.0	0.0	0.0	10.0	13.0	0.0	0.0	0.0	10.0	9.0
27	7.0	0.0	0.0	60.0	10.0	5.0	16.0	4.0	10.0	20.0	0.0	0.0
28	0.0	10.0	0.0	5.0	0.0	0.0	9.0	0.0	1.0	20.0	13.0	0.0
29	0.0		0.0	10.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
30	0.0		0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
Total	226.6	169.0	116.0	292.0	427.0	225.0	45.0	52.0	238.0	315.0	210.0	124.0
D. LL	12	14	9	15	20	13	6	7	17	17	11	9

TOTALES ANUALES — 2439.6 mm. — 150 Dias lluvia

ESTACION: TESORITO — MUNICIPIO: LA CELIA — AÑO: 1.982

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	13.0	10.0	0.0	0.0	35.0	0.0	0.0	2.0	0.0	24.0	17.0	35.0
2	20.0	4.0	10.0	0.0	25.0	2.0	0.0	0.0	0.0	0.0	8.0	0.0
3	40.0	12.0	12.0	10.0	30.0	0.0	0.0	0.0	0.0	1.9	5.0	70.0
4	14.0	10.0	0.0	30.0	0.0	0.0	2.0	0.0	0.0	8.0	19.0	10.0
5	12.0	2.9	8.0	10.0	0.0	0.0	0.0	2.0	0.0	0.0	9.0	18.0
6	8.0	7.0	0.0	50.0	20.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0
7	30.0	5.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0
8	10.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0
9	12.0	13.0	0.0	20.0	20.0	10.0	0.0	0.0	2.0	0.0	0.0	0.0
10	13.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	31.0	6.0	20.0	0.0
11	0.0	0.0	45.0	20.0	15.0	0.0	0.0	0.0	15.0	21.0	4.8	22.0
12	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	2.0	0.0
13	0.0	5.0	16.0	0.0	10.0	25.0	0.0	0.0	4.0	0.0	0.0	0.0
14	0.0	9.0	0.0	0.0	50.0	0.0	5.0	0.0	5.0	3.0	0.0	0.0
15	0.0	1.0	0.0	0.0	10.0	10.0	0.0	20.0	0.0	0.0	2.0	0.0
16	0.0	5.0	33.0	30.0	0.0	0.0	0.0	0.0	31.0	0.0	2.0	3.0
17	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	3.0	2.0	0.0
18	0.0	8.0	0.0	15.0	20.0	0.0	0.0	0.0	8.0	4.0	0.0	0.0
19	0.0	10.0	0.0	20.0	25.0	25.0	0.0	0.0	1.0	34.0	31.0	9.0
20	0.0	20.0	0.0	10.0	20.0	27.0	0.0	0.0	0.0	0.0	18.0	0.0
21	0.0	7.0	0.0	0.0	70.0	30.0	0.0	0.0	2.0	4.0	4.0	0.0
22	10.0	0.0	0.0	25.0	65.5	0.0	0.0	0.0	0.0	26.0	3.0	2.0
23	0.0	1.1	0.0	0.0	0.0	12.0	0.0	0.0	7.0	2.0	0.0	0.0
24	9.0	0.0	0.0	0.0	45.0	44.0	0.0	0.0	23.0	11.0	24.0	14.0
25	0.0	0.0	0.0	0.0	42.0	5.0	0.0	0.0	20.0	0.0	15.0	9.0
26	19.0	0.0	10.0	0.0	60.0	9.0	10.0	0.0	0.0	33.0	8.0	8.0
27	35.0	0.0	20.0	20.0	0.0	4.0	25.0	0.0	5.0	6.0	8.0	0.0
28	4.0	3.0	30.0	15.0	0.0	0.0	7.0	0.0	0.0	3.0	0.0	0.0
29	10.0		0.0	10.0	38.0	0.0	0.0	0.0	5.0	21.0	0.0	0.0
30	0.0		30.0	20.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
31	5.0		0.0	0.0	0.0	0.0	0.0	9.0	0.0	3.0	0.0	0.0
Total	264.0	135.0	214.0	355.0	615.5	203.0	53.0	35.0	159.0	247.9	201.8	223.0
D. LL	17	19	10	17	19	12	6	5	14	20	19	14

TOTALES ANUALES — 2706.2 mm. — 172 Dias lluvia

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

ESTACION: LA TRIBUNA — MUNICIPIO: BALBOA — AÑO: 1.982

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	13.0	3.0	19.0	0.0	2.0	0.0	0.0	1.0	0.0	9.0	16.0	18.0
2	0.0	1.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	4.0	1.0	0.0
3	26.0	0.0	54.0	4.0	21.0	0.0	1.0	0.0	0.0	5.0	5.0	6.0
4	0.0	5.0	0.0	11.0	2.0	0.0	0.0	0.0	0.0	12.0	0.0	2.0
5	37.0	0.0	0.0	33.0	0.0	0.0	0.0	1.0	0.0	0.0	10.0	0.0
6	0.0	0.0	0.0	6.0	9.0	0.0	0.0	8.0	0.0	0.0	0.0	1.0
7	4.0	0.0	0.0	38.0	3.0	0.0	0.0	5.0	0.0	0.0	0.0	2.0
8	0.0	0.0	1.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0
9	3.0	39.0	0.0	26.0	10.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	16.0	0.0	1.0	2.0
11	0.0	0.0	18.0	7.0	5.0	1.0	0.0	0.0	0.0	69.0	34.0	1.0
12	26.0	5.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0
13	36.0	0.0	1.0	1.0	0.0	6.0	0.0	0.0	4.0	0.0	0.0	0.0
14	11.0	13.0	2.0	0.0	8.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0
15	0.0	18.0	5.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	1.0	0.0
16	1.0	1.0	0.0	7.0	4.0	0.0	0.0	0.0	6.0	8.0	50.0	3.0
17	0.0	0.0	1.0	8.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	6.0	59.0	0.0	0.0	0.0	20.0	0.0	3.0	0.0
19	1.0	5.0	7.0	10.0	12.0	21.0	0.0	0.0	4.0	13.0	13.0	5.0
20	10.0	7.0	0.0	0.0	29.0	31.0	0.0	0.0	19.0	0.0	4.0	0.0
21	2.0	0.0	0.0	0.0	48.0	39.0	0.0	0.0	0.0	15.0	0.0	0.0
22	0.0	0.0	0.0	13.0	56.0	0.0	0.0	0.0	0.0	6.0	70.0	1.0
23	0.0	0.0	4.0	2.0	0.0	0.0	0.0	0.0	2.0	45.0	0.0	0.0
24	0.0	0.0	14.0	0.0	10.0	1.0	0.0	0.0	4.0	4.0	5.0	0.0
25	4.0	16.0	0.0	0.0	24.0	44.0	0.0	0.0	21.0	13.0	10.0	0.0
26	0.0	0.0	3.0	0.0	19.0	28.0	0.0	0.0	0.0	0.0	3.0	0.0
27	0.0	6.0	13.0	18.0	0.0	34.0	30.0	0.0	54.0	0.0	4.0	1.0
28	0.0	9.0	30.0	4.0	0.0	0.0	21.0	0.0	0.0	15.0	0.0	0.0
29	4.0		1.0	7.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
30	38.0		0.0	7.0	0.0	0.0	0.0	0.4	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	1.0	0.0	0.0
Total	216.0	128.0	174.0	209.0	336.0	215.0	53.0	30.4	178.0	220.0	230.0	60.0
D. LL.	15	13	16	19	20	10	4	6	11	15	16	13

TOTALES ANUALES — 2049.4 mm. — 158 Días lluvia

ESTACION: LA PALMERA — MUNICIPIO: MARSELLA — AÑO: 1.982

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	2.0	1.0	0.0	0.0	11.0	0.0	20.0	15.0	2.0
2			7.0	0.0	0.0	35.0	0.0	1.0	0.0	11.0	5.0	0.0
3			10.0	9.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	0.0
4			10.0	2.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0
5			3.0	59.0	2.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0
6			1.0	44.0	20.0	2.0	0.0	15.0	0.0	15.0	0.0	10.0
7			0.0	17.0	1.0	0.0	0.0	36.0	0.0	1.0	2.0	1.0
8			18.0	0.0	5.0	54.0	0.0	0.0	0.0	0.0	0.0	50.0
9			0.0	9.0	45.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
10			0.0	8.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	5.0
11		0.0	20.0	52.0	41.0	0.0	0.0	0.0	1.0	15.0	45.0	9.0
12		0.0	0.0	0.0	10.0	0.0	0.0	0.0	1.0	0.0	10.0	10.0
13		0.0	13.0	0.0	0.0	0.0	0.0	0.0	19.0	12.0	0.0	0.0
14		9.0	17.0	0.0	0.0	0.0	0.0	0.0	25.0	1.0	0.0	0.0
15		5.0	3.0	2.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0	0.0
16		19.0	2.0	19.0	0.0	0.0	0.0	0.0	0.0	5.0	1.0	0.0
17		0.0	0.0	13.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
18		0.0	0.0	2.0	62.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
19		15.0	0.0	0.0	8.0	0.0	0.0	0.0	5.0	2.0	17.0	0.0
20		2.0	0.0	0.0	65.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
21		0.0	0.0	0.0	5.0	45.0	0.0	0.0	0.0	25.0	0.0	0.0
22		0.0	2.0	6.0	2.0	0.0	0.0	0.0	2.0	0.0	17.0	0.0
23		0.0	9.0	0.0	1.0	0.0	0.0	0.0	10.0	0.0	0.0	5.0
24		0.0	0.0	0.0	10.0	1.0	0.0	0.0	28.0	35.0	10.0	0.0
25		0.0	0.0	0.0	6.0	12.0	0.0	0.0	10.0	16.0	0.0	0.0
26		0.0	0.0	0.0	0.0	5.0	15.0	0.0	0.0	0.0	1.0	0.0
27		0.0	50.0	10.0	0.0	0.0	30.0	0.0	1.0	1.0	0.0	0.0
28		0.0	5.0	3.0	0.0	0.0	85.0	0.0	0.0	0.0	0.0	0.0
29			9.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30			0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total			179.0	263.0	301.0	158.0	130.0	63.0	140.0	185.0	161.0	99.0
D. LL.			16	18	17	8	3	4	12	15	14	10

TOTALES ANUALES — mm. — Días lluvia

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

ESTACION: MORENITA — MUNICIPIO: MARSELLA — AÑO: 1.982

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	10.0	10.1	0.0	0.0	0.0	5.0	0.0	4.2	60.0	0.0
2	24.0	0.0	5.0	0.0	25.0	0.0	0.0	0.0	0.0	23.0	72.0	0.0
3	30.0	0.0	16.0	0.0	23.0	40.0	0.0	0.0	0.0	54.0	0.0	0.0
4	38.0	0.0	0.0	20.5	0.0	8.0	72.0	0.0	0.0	17.0	0.0	0.0
5	0.0	0.0	0.0	12.0	0.0	12.0	0.0	1.0	0.0	47.0	0.0	0.0
6	12.0	0.0	0.0	10.0	6.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0
7	14.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	34.0	0.0	0.0
8	0.0	0.0	6.0	0.0	17.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
9	74.0	0.0	0.0	10.0	10.0	66.0	0.0	0.0	0.0	28.0	17.8	0.0
10	12.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	5.0	33.0	0.0	0.0
11	30.4	0.0	0.0	12.0	72.0	0.0	0.0	0.0	0.0	22.0	34.6	0.0
12	0.0	0.0	30.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	5.2	0.0	2.0	5.0	0.0	0.0	40.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
15	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
16	0.0	54.0	0.0	46.0	0.0	0.0	0.0	0.0	50.0	0.0	8.0	0.0
17	0.0	60.0	0.0	18.0	0.0	0.0	6.0	0.0	10.0	0.0	0.0	34.0
18	0.0	0.0	1.0	0.0	60.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0
19	0.0	0.0	0.0	16.0	8.0	0.0	0.0	0.0	1.0	0.0	5.0	0.0
20	0.0	46.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0
21	0.0	0.0	0.0	0.0	18.0	23.0	0.0	0.0	0.0	0.0	0.0	25.0
22	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
23	0.0	52.0	30.2	0.0	10.0	0.0	0.0	0.0	5.0	59.0	2.0	29.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	5.0	0.0	0.0
25	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	54.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0	10.0	43.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	8.0	48.0	0.0	20.0	10.0	0.0	0.0
28	80.9	10.0	0.0	30.2	0.0	0.0	1.0	0.0	50.0	0.0	0.0	0.0
29	0.0		0.0	0.5	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0
30	30.0		0.0	2.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	345.3	222.0	115.4	237.3	289.0	182.0	137.0	6.0	299.0	473.2	199.4	105.0
D. Ll.	10	5	9	16	13	9	5	2	15	17	7	4

TOTALES ANUALES — 2610.6 mm. — 112 Días lluvia

ESTACION: GUAYABITO — MUNICIPIO: STA ROSA DE C. — AÑO: 1.982

ALTITUD: 1.620 — LATITUD: 4-54 N. — LONGITUD: 75-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	21.0	0.0	4.0	10.0	15.0	0.0	0.0	13.0	4.0	7.0	15.0	4.0
2	17.0	15.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	23.0	25.0	25.0
3	35.0	0.0	0.0	13.0	5.0	7.0	0.0	0.0	2.0	7.0	18.0	0.0
4	28.0	18.0	0.0	7.0	0.0	6.0	11.0	0.0	0.0	0.0	0.0	1.0
5	19.0	0.0	0.0	12.0	0.0	9.0	7.0	0.0	3.0	0.0	21.0	0.0
6	38.0	0.0	35.0	25.0	6.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0
7	29.0	15.0	0.0	0.0	7.0	19.0	0.0	22.0	0.0	18.0	0.0	36.0
8	18.0	14.0	0.0	13.0	10.0	0.0	9.0	0.0	5.0	21.0	0.0	0.0
9	0.0	5.0	0.0	16.0	24.0	22.0	0.0	0.0	6.0	11.0	2.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	6.0
11	0.0	7.0	14.0	76.0	0.0	0.0	7.0	0.0	0.0	48.0	63.0	0.0
12	0.0	5.0	0.0	0.0	37.0	0.0	0.0	0.0	0.0	9.0	0.0	4.0
13	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	54.0	37.0	0.0	0.0	12.0	3.0	0.0	0.0	0.0	19.0	0.0	0.0
15	0.0	21.0	34.0	0.0	10.0	0.0	0.0	4.0	31.0	0.0	0.0	29.0
16	0.0	7.0	0.0	58.0	15.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0
17	0.0	0.0	0.0	31.0	7.0	0.0	0.0	0.0	0.0	10.0	18.0	33.0
18	0.0	0.0	12.0	15.0	8.0	0.0	0.0	0.0	18.0	12.0	6.0	0.0
19	0.0	14.0	6.0	22.0	17.0	5.0	0.0	0.0	6.0	23.0	24.0	0.0
20	0.0	0.0	14.0	0.0	33.0	0.0	16.0	0.0	0.0	18.0	0.0	0.0
21	0.0	0.0	0.0	9.0	26.0	4.0	0.0	0.0	0.0	34.0	11.0	34.0
22	0.0	0.0	22.0	0.0	24.0	0.0	0.0	0.0	0.0	7.0	13.0	0.0
23	0.0	0.0	0.0	4.0	32.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
24	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	9.0	2.0	0.0
25	0.0	0.0	15.0	12.0	3.0	0.0	0.0	0.0	7.0	35.0	0.0	0.0
26	23.0	0.0	0.0	17.0	0.0	26.0	0.0	0.0	0.0	3.0	39.0	4.0
27	6.0	0.0	0.0	11.0	4.0	0.0	0.0	14.0	12.0	7.0	0.0	0.0
28	30.0	10.0	22.0	13.0	6.0	0.0	2.0	0.0	21.0	12.0	0.0	0.0
29	3.0		16.0	18.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
30	0.0		2.0	12.0	2.0	0.0	0.0	0.0	9.0	33.0	0.0	0.0
31	13.0		8.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
Total	334.0	193.0	210.0	394.0	310.0	101.0	52.0	53.0	157.0	396.0	285.0	176.0
D. Ll.	14	13	14	20	22	9	6	4	15	24	14	10

TOTALES ANUALES — 2661.0 mm. — 165 Días 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: 1.982

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	16.0	0.0	22.0	5.0	6.0	0.0	0.0	11.0	0.0	2.0	24.0	2.0
2	27.0	2.0	11.0	0.0	4.0	0.0	0.0	0.0	0.0	45.0	31.0	4.0
3	18.0	2.0	0.0	9.0	92.0	14.0	0.0	0.0	5.0	1.0	9.0	0.0
4	9.0	8.0	0.0	7.0	8.0	16.0	18.0	0.0	0.0	8.0	2.0	0.0
5	21.0	4.0	0.0	4.0	0.0	4.0	0.0	0.0	4.0	0.0	7.0	7.0
6	20.0	42.0	12.0	15.0	3.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
7	59.0	0.0	0.0	10.0	14.0	0.0	0.0	0.0	0.0	0.0	22.0	4.0
8	20.0	0.0	0.0	1.0	29.0	0.0	17.0	0.0	4.0	40.0	0.0	30.0
9	0.0	7.0	0.0	13.0	4.0	70.0	0.0	0.0	11.0	12.0	52.0	0.0
10	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	11.0	0.0	2.0	0.0
11	0.0	0.0	3.0	88.0	2.0	2.0	7.0	0.0	2.0	115.0	17.0	0.0
12	0.0	0.0	3.0	0.0	6.0	9.0	1.0	0.0	0.0	26.0	0.0	16.0
13	0.0	40.0	0.0	0.0	6.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
14	5.0	25.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
15	0.0	7.0	38.0	0.0	0.0	0.0	0.0	0.0	37.0	0.0	12.0	0.0
16	0.0	2.0	0.0	38.0	0.0	7.0	0.0	0.0	6.0	6.0	13.0	0.0
17	0.0	0.0	10.0	31.0	16.0	9.0	0.0	0.0	11.0	0.0	0.0	36.0
18	0.0	0.0	25.0	16.0	12.0	0.0	0.0	0.0	43.0	0.0	0.0	2.0
19	0.0	15.0	30.0	29.0	22.0	0.0	21.0	0.0	3.0	50.0	0.0	0.0
20	0.0	4.0	25.0	12.0	21.0	0.0	0.0	0.0	28.0	0.0	9.0	0.0
21	0.0	8.0	0.0	0.0	17.0	13.0	0.0	0.0	0.0	55.0	0.0	18.0
22	0.0	0.0	20.0	28.0	12.0	0.0	0.0	0.0	0.0	0.0	11.0	9.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	0.0	0.0
24	0.0	0.0	0.0	0.0	22.0	12.0	0.0	0.0	16.0	28.0	0.0	0.0
25	0.0	0.0	2.0	0.0	5.0	6.0	0.0	0.0	15.0	20.0	0.0	0.0
26	10.0	0.0	0.0	6.0	5.0	0.0	0.0	0.0	0.0	0.0	34.0	0.0
27	14.0	0.0	55.0	24.0	0.0	0.0	37.0	0.0	20.0	7.0	25.0	0.0
28	4.0	0.0	8.0	17.0	3.0	0.0	5.0	0.0	2.0	0.0	0.0	0.0
29	8.0		55.0	11.0	0.0	0.0	1.0	0.0	0.0	21.0	0.0	0.0
30	0.0		2.0	17.0	0.0	0.0	0.0	0.0	7.0	5.0	2.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0
Total	231.0	166.0	351.0	398.0	309.0	162.0	107.0	22.0	232.0	471.0	272.0	128.0
D. Ll.	13	13	17	21	21	11	8	2	19	19	16	10

TOTALES ANUALES — 2849.0 mm. — 170 Días lluvia

ESTACION: LA PRIMAVERA — MUNICIPIO: DOSQUEBRADAS — AÑO: 1.982

ALTITUD: 1.540 — LATITUD: 4-50 N. — LONGITUD: 75-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1		0.0	4.0	5.0	10.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0
2		3.0	0.0	12.0	10.0	0.0	0.0	0.0	0.0	35.0	30.0	8.0
3		0.0	8.0	10.0	23.0	5.0	0.0	0.0	0.0	5.0	0.5	0.0
4		5.0	0.0	10.0	10.0	10.0	0.0	10.0	0.0	5.0	12.0	0.0
5		32.0	0.0	20.0	0.0	0.0	0.0	5.0	4.0	0.0	0.0	0.0
6		20.0	5.0	15.0	5.0	0.0	0.0	0.0	0.0	5.0	4.0	10.0
7		0.0	0.0	5.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8		8.0	12.0	0.0	35.0	0.0	10.0	10.0	0.0	10.0	2.0	0.0
9		7.0	0.0	20.0	0.0	75.0	0.0	0.0	10.0	17.0	38.0	2.0
10		0.0	15.0	10.0	0.0	0.0	0.0	0.0	9.0	0.0	5.0	0.0
11		5.0	0.0	60.0	11.0	5.0	0.0	10.0	5.0	70.0	35.0	0.0
12		0.0	7.0	0.0	5.0	0.0	0.0	0.0	0.0	34.0	10.0	5.0
13		10.0	0.0	0.0	20.0	0.0	10.0	0.0	5.0	0.0	0.0	4.0
14		30.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0
15		15.0	10.0	0.0	0.0	0.0	0.0	0.0	10.0	5.0	5.0	0.0
16		3.0	20.0	35.0	0.0	0.0	5.0	0.0	5.0	4.0	5.0	0.0
17		10.0	0.0	10.0	5.0	0.0	0.0	0.0	20.0	0.0	21.0	40.0
18		8.0	0.0	10.0	5.0	0.0	4.0	0.0	60.0	0.0	15.0	15.0
19		15.0	10.0	30.0	8.0	0.0	0.0	0.0	5.0	60.0	20.0	0.0
20		10.0	0.0	10.0	30.0	0.0	0.0	0.0	20.0	5.0	0.0	0.0
21		8.0	30.0	0.0	10.0	0.0	5.0	10.0	0.0	58.0	10.0	5.0
22		0.0	8.0	15.0	10.0	0.0	0.0	0.0	0.0	5.0	0.0	10.0
23		10.0	25.0	0.0	0.0	0.0	5.0	0.0	20.0	5.0	3.0	0.0
24		4.0	8.0	0.0	4.0	0.0	0.0	0.0	4.0	22.0	5.0	0.0
25		0.0	30.0	0.0	10.0	0.0	5.0	0.0	15.0	20.0	25.0	0.0
26		25.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
27		3.0	20.0	0.0	0.0	0.0	0.0	0.0	30.0	10.0	20.0	4.0
28		6.0	16.0	55.0	0.0	5.0	6.0	0.0	5.0	10.0	0.0	0.0
29			5.0	10.0	10.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
30			2.0	5.0	0.0	0.0	0.0	0.0	0.0	10.0	11.0	0.0
31			8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total		237.0	255.0	357.0	238.0	100.0	50.0	45.0	227.0	406.0	316.5	105.0
D. Ll.		21	21	20	19	5	8	5	16	22	21	11

TOTALES ANUALES — mm. — Días lluvia

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

ESTACION: EL CASTILLO MUNICIPIO: SANTA ROSA AÑO: 1.982

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	30.0	0.0	20.0	0.0	13.0	0.0	0.0	5.0	0.0	30.0	10.0	0.0
2	25.0	0.0	7.0	0.0	10.0	0.0	0.0	0.0	0.0	15.0	5.0	0.0
3	20.0	4.0	3.0	17.0	32.0	22.0	0.0	0.0	0.0	0.0	40.0	0.0
4	10.0	16.0	0.0	19.0	7.0	1.0	0.0	0.0	0.0	10.0	0.0	0.0
5	8.0	0.0	3.0	40.0	5.0	7.0	5.0	0.0	0.0	0.0	10.0	0.0
6	22.0	8.0	0.0	9.0	1.0	0.0	0.0	5.0	0.0	40.0	0.0	0.0
7	60.0	0.0	0.0	23.0	15.0	2.0	40.0	90.0	0.0	0.0	5.0	45.0
8	50.0	0.0	0.0	2.0	18.0	0.0	0.0	5.0	0.0	30.0	0.0	0.0
9	30.0	10.0	0.0	18.0	10.0	57.0	0.0	0.0	0.0	15.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	22.0	25.0	120.0	5.0	1.0	10.0	0.0	0.0	25.0	45.0	0.0
12	0.0	10.0	0.0	0.0	0.0	2.0	0.0	0.0	15.0	0.0	0.0	5.0
13	0.0	20.0	0.0	0.0	0.0	5.0	0.0	0.0	5.0	0.0	0.0	0.0
14	0.0	60.0	36.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	10.0	0.0	4.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	5.0
16	0.0	0.0	0.0	30.0	5.0	0.0	0.0	0.0	0.0	5.0	20.0	0.0
17	0.0	0.0	0.0	8.0	10.0	0.0	0.0	0.0	15.0	10.0	5.0	45.0
18	0.0	0.0	0.0	23.0	5.0	1.0	0.0	0.0	15.0	0.0	0.0	0.0
19	0.0	2.0	0.0	0.0	35.0	3.0	0.0	0.0	10.0	50.0	45.0	0.0
20	0.0	0.0	0.0	10.0	47.0	1.0	0.0	0.0	0.0	5.0	5.0	5.0
21	0.0	0.0	0.0	0.0	25.0	25.0	0.0	0.0	0.0	25.0	0.0	15.0
22	0.0	12.0	12.0	30.0	11.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0
23	0.0	10.0	0.0	10.0	5.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
24	0.0	8.0	0.0	0.0	22.0	0.0	0.0	0.0	25.0	15.0	10.0	0.0
25	0.0	0.0	10.0	0.0	9.0	35.0	0.0	0.0	10.0	30.0	15.0	0.0
26	27.0	0.0	5.0	34.0	6.0	25.0	5.0	0.0	0.0	0.0	50.0	0.0
27	20.0	0.0	10.0	35.0	2.0	10.0	25.0	0.0	50.0	5.0	5.0	0.0
28	90.0	29.0	8.0	8.0	0.0	0.0	0.0	0.0	10.0	5.0	0.0	0.0
29	16.0		7.0	18.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	8.0		0.0	3.0	1.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
31	0.0		0.0	0.0	2.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
Total	416.0	221.0	146.0	468.0	316.0	198.0	85.0	105.0	175.0	335.0	295.0	120.0
D. Ll.	14	14	12	21	25	16	5	4	10	19	15	6

TOTALES ANUALES 2880.0 mm. 161 Días lluvia

ESTACION: LOS CAMBULOS MUNICIPIO: PEREIRA AÑO: 1.982

ALTITUD: 1.240 LATITUD: 4-49 N. LONGITUD: 75-50 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	16.0	0.0	4.0	0.0	3.0	0.0	2.0	0.0	0.0	4.0	20.0	0.0
2	39.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	65.0	0.0
3	0.0	0.0	3.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
4	55.0	5.0	1.0	9.0	75.0	0.0	30.0	0.0	0.0	14.0	0.0	0.0
5	9.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0
6	24.0	0.0	3.0	0.0	26.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
7	45.0	2.0	0.0	29.0	40.0	0.0	0.0	0.0	0.0	1.0	6.0	7.0
8	0.0	0.0	18.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	7.0
10	0.0	2.0	0.0	4.0	0.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0
11	0.0	0.0	6.0	5.0	0.0	20.0	0.0	0.0	0.0	38.0	46.0	0.0
12	0.0	4.0	4.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	3.0	0.0	0.0
14	11.0	1.0	0.0	0.0	48.0	0.0	0.0	0.0	0.0	34.0	0.0	0.0
15	0.0	1.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0
16	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	36.0	0.0	0.0	1.0
17	0.0	0.0	8.0	0.0	26.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
18	0.0	0.0	0.0	3.0	12.0	0.0	0.0	0.0	28.0	0.0	5.0	0.0
19	0.0	24.0	0.0	29.0	6.0	0.0	20.0	0.0	0.0	28.0	3.0	0.0
20	0.0	0.0	0.0	0.0	28.0	38.0	0.0	0.0	0.0	2.0	31.0	1.0
21	0.0	0.0	0.0	0.0	19.0	28.0	0.0	0.0	0.0	1.0	23.0	17.0
22	0.0	0.0	0.0	3.0	68.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	6.0	12.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	2.0
24	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0
25	1.0	0.0	4.0	0.0	30.0	0.0	0.0	0.0	20.0	20.0	0.0	0.0
26	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	5.0	20.0	0.0
27	11.0	0.0	11.0	9.0	0.0	0.0	50.0	0.0	5.0	3.0	0.0	1.0
28	0.0	0.0	0.0	5.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
29	0.0		1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	212.0	39.0	73.0	156.0	410.0	105.0	112.0	0.0	139.0	181.0	246.0	45.0
D. Ll.	10	7	13	14	17	4	6	0	8	14	13	8

TOTALES ANUALES 1718.0 mm. 114 Días lluvia

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

ESTACION: BELMONTE — **MUNICIPIO:** PEREIRA — **AÑO:** 1.982

ALTITUD: 1.340 — **LATITUD:** 4-48 N. — **LONGITUD:** 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	22.0	0.0	2.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	26.0	0.0
2	23.0	2.0	34.0	0.0	7.0	7.0	0.0	16.0	0.0	18.0	52.2	1.0
3	30.0	5.0	18.0	0.0	6.0	0.0	0.0	0.0	0.0	6.8	13.0	0.0
4	34.0	0.0	24.0	6.0	51.0	1.0	5.0	0.0	0.0	48.0	0.0	0.0
5	36.0	0.0	0.0	5.0	0.0	0.0	3.0	0.0	0.0	0.0	20.0	7.0
6	26.0	9.0	6.0	0.0	10.0	0.0	0.0	0.0	0.0	15.0	1.0	0.0
7	22.0	2.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	15.0	0.0	73.0
8	0.0	0.0	6.0	10.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	42.0
9	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	7.0	0.0	16.0
10	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	30.0	0.0	6.0	0.0
11	0.0	0.0	12.0	21.0	15.0	12.0	0.0	0.0	0.0	76.0	56.0	0.0
12	0.0	8.0	5.0	0.0	0.0	0.0	5.0	0.0	10.0	0.0	1.0	0.0
13	0.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0	0.0	2.0	0.0	0.0
14	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	5.0	10.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	3.0	0.0	7.0
16	0.0	4.0	0.0	34.0	0.0	0.0	0.0	0.0	27.0	10.0	0.0	0.0
17	0.0	0.0	10.0	25.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	10.0	0.0	0.0	33.0	0.0	0.0	0.0	47.0	0.0	4.0	0.0
19	0.0	16.0	8.0	7.0	7.0	0.0	18.0	0.0	2.0	48.0	3.0	9.0
20	0.0	6.0	0.0	0.0	26.0	5.0	0.0	0.0	0.0	0.0	92.8	0.0
21	0.0	0.0	0.0	3.0	31.0	0.0	0.0	0.0	0.0	4.0	0.0	48.0
22	0.0	0.0	0.0	0.0	15.0	6.0	0.0	0.0	0.0	8.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	5.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.0	0.0	3.0
25	0.0	0.0	4.0	0.0	60.0	0.0	0.0	0.0	14.0	0.0	11.7	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5	0.0
27	24.0	0.0	12.0	28.0	2.0	0.0	59.0	0.0	13.0	8.0	0.0	2.0
28	5.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		2.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
30	0.0		0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0
Total	222.0	62.0	145.0	175.0	327.0	76.0	93.0	33.0	165.0	336.8	305.2	208.0
D. LL	9	9	14	11	16	7	6	2	11	18	13	10

TOTALES ANUALES — 2148.0 mm. — 126 Días lluvia

ESTACION: HIROSHIMA — **MUNICIPIO:** PEREIRA — **AÑO:** 1.982

ALTITUD: 1.340 — **LATITUD:** 4-46 N. — **LONGITUD:** 75-44 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	10.0	3.0	0.9	1.0	6.8	0.0	2.2	14.2	0.0	18.4	49.6	0.0
2	18.0	0.0	41.1	0.8	3.7	0.0	0.0	0.9	0.0	15.0	65.8	1.6
3	20.0	0.0	0.6	5.9	9.2	1.0	0.0	0.0	0.0	4.9	10.6	0.0
4	18.0	0.0	18.8	7.6	15.4	1.3	7.2	0.0	0.0	58.7	0.0	3.3
5	15.0	0.0	0.0	3.0	3.6	0.0	0.0	0.0	3.6	8.5	10.9	0.0
6	16.0	5.0	36.9	0.9	14.5	0.0	1.3	0.0	0.0	1.1	3.1	0.0
7	17.0	1.7	0.0	32.3	1.4	0.0	0.4	2.2	0.0	1.3	0.0	28.2
8	0.0	0.0	6.2	3.6	3.6	0.0	0.0	0.0	0.5	7.7	0.0	5.4
9	0.0	7.9	0.0	2.0	0.0	20.3	0.0	0.0	1.5	8.6	0.0	1.6
10	0.0	0.0	0.7	7.0	0.0	1.5	0.0	0.0	53.2	0.2	0.9	0.0
11	0.0	1.0	9.2	26.9	9.3	0.5	4.7	0.7	1.0	85.2	46.2	0.0
12	0.0	44.0	1.6	0.0	0.0	0.0	8.4	0.0	0.0	0.1	0.0	0.6
13	0.0	5.1	17.2	0.0	3.8	14.5	0.0	0.0	2.3	19.4	0.0	0.0
14	0.0	8.0	0.0	0.0	16.8	0.0	0.0	0.0	0.0	2.9	0.0	0.0
15	0.0	0.0	17.2	0.0	6.4	4.9	0.0	0.0	23.1	5.8	0.0	0.0
16	0.0	3.2	4.2	27.8	4.0	12.2	0.0	0.0	14.9	0.0	4.3	13.9
17	0.0	0.0	5.8	6.8	22.3	6.5	0.0	0.0	14.2	4.6	0.0	9.8
18	0.0	0.6	8.7	18.3	22.9	0.6	0.0	0.0	22.3	3.5	6.2	6.6
19	0.0	29.0	1.3	3.2	18.4	2.2	2.9	0.0	7.2	19.3	2.1	7.2
20	0.0	4.6	1.5	0.0	14.5	0.0	0.0	0.0	4.9	3.1	53.3	0.0
21	0.0	0.0	0.0	0.0	6.4	0.6	0.0	0.0	0.4	9.5	11.8	65.6
22	0.0	0.0	0.0	11.5	7.3	0.0	0.0	0.0	0.1	2.8	18.8	0.2
23	0.0	5.7	0.0	14.7	5.0	0.0	0.0	0.0	0.6	20.6	0.0	0.0
24	0.0	0.0	0.0	0.0	19.3	0.0	0.0	0.0	31.2	42.0	0.0	33.5
25	0.0	0.0	1.2	0.0	19.7	0.0	0.0	0.0	6.1	4.5	0.4	0.0
26	10.0	0.0	1.6	1.6	16.0	0.0	6.5	0.0	0.0	0.0	0.3	0.6
27	0.0	0.0	1.4	25.8	1.3	0.0	26.7	0.5	19.1	4.0	13.4	0.5
28	5.0	0.8	2.4	8.2	2.3	0.3	3.4	0.0	2.3	1.3	1.2	0.0
29	0.0		1.6	3.6	4.5	0.0	2.0	0.0	1.1	0.0	0.0	0.0
30	0.0		7.4	17.0	0.0	0.0	0.0	0.0	1.0	0.0	8.2	0.0
31	16.0		0.0	0.0	3.5	0.0	0.0	25.7	0.0	0.0	0.0	0.0
Total	145.0	119.6	187.5	229.5	261.9	66.4	65.7	44.2	210.6	353.0	307.1	178.6
D. LL	10	14	22	22	27	13	11	6	21	26	18	15

TOTALES ANUALES — 2169.1 mm. — 205 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: 1.982

ALTITUD: 1.350 — LATITUD: 4-50 N. — LONGITUD: 75-EC W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1			7.0	0.0	3.0	0.0	0.0	10.0	0.0	15.0	19.0	0.0
2			12.0	0.0	5.0	0.0	0.0	0.0	0.0	8.0	55.0	0.0
3			24.0	1.0	9.0	5.0	0.0	0.0	0.0	5.0	0.0	0.0
4			0.0	7.0	7.0	4.0	20.0	0.0	0.0	25.0	0.0	0.0
5			0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	3.0
6			13.0	2.0	9.0	0.0	5.0	0.0	0.0	10.0	0.0	0.0
7			0.0	7.0	8.0	0.0	0.0	0.0	0.0	0.0	12.0	3.0
8			25.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0
9			0.0	3.0	5.0	55.0	0.0	0.0	0.0	5.0	30.0	7.0
10			0.0	6.0	0.0	7.0	0.0	0.0	21.0	0.0	0.0	0.0
11			6.0	17.0	20.0	4.0	0.0	0.0	0.0	80.0	34.0	3.0
12			5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13			3.0	0.0	0.0	20.0	0.0	0.0	6.0	0.0	0.0	0.0
14			2.0	0.0	29.0	0.0	0.0	0.0	40.0	12.0	0.0	0.0
15			0.0	0.0	2.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0
16			12.0	27.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0	16.0
17			1.0	12.0	10.0	0.0	0.0	0.0	5.0	0.0	0.0	4.0
18			0.0	8.0	18.0	0.0	0.0	0.0	30.0	0.0	3.0	0.0
19			0.0	22.0	12.0	0.0	6.0	0.0	30.0	13.0	0.0	0.0
20			0.0	12.0	16.0	41.0	0.0	0.0	0.0	0.0	20.0	3.0
21			0.0	0.0	29.0	89.0	0.0	0.0	0.0	8.0	0.0	35.0
22			0.0	3.0	21.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0
23			12.0	11.0	0.0	0.0	0.0	0.0	10.0	10.0	10.0	7.0
24			0.0	0.0	16.0	0.0	0.0	0.0	13.0	30.0	0.0	0.0
25			0.0	0.0	55.0	0.0	0.0	0.0	6.0	5.0	0.0	0.0
26			0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0
27			16.0	19.0	0.0	0.0	28.0	0.0	11.0	4.0	10.0	0.0
28			1.0	6.0	3.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0
29			38.0	10.0	2.0	0.0	3.0	0.0	7.0	0.0	0.0	0.0
30			0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31			0.0	0.0	0.0	0.0	0.0	12.0	0.0	3.0	0.0	0.0
Total			177.0	211.0	285.0	225.0	65.0	22.0	198.0	243.0	273.0	117.0
D. Ll.			15	20	21	8	6	2	13	16	13	10

TOTALES ANUALES — mm. — Días lluvia

ESTACION: LA MARINA — MUNICIPIO: PEREIRA — AÑO: 1.982

ALTITUD: 1.560 — LATITUD: 4-48 N. — LONGITUD: 75-43 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	10.9	3.2	0.9	0.0	15.0	0.0	0.5	0.0	0.0	8.3	2.6	1.2
2	45.3	2.5	21.5	1.0	4.0	0.0	0.0	0.0	0.0	3.2	6.9	1.0
3	39.0	11.0	2.9	14.5	44.0	23.0	0.6	0.0	0.0	7.3	2.5	0.0
4	15.0	13.0	11.1	10.0	72.0	25.0	3.6	0.0	0.0	0.5	0.0	0.0
5	27.5	12.5	0.4	6.7	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0
6	13.4	15.0	7.2	1.0	31.0	0.0	7.6	0.0	0.0	0.0	0.0	1.2
7	30.9	0.0	0.0	9.6	10.0	7.0	1.4	0.0	0.0	0.0	9.1	4.5
8	8.0	0.5	11.4	6.1	5.0	3.0	0.0	4.2	0.0	0.0	0.0	4.0
9	6.2	1.0	0.0	25.4	14.0	22.0	0.0	0.0	7.3	0.0	0.0	1.3
10	3.8	0.0	0.0	0.3	1.0	0.0	0.0	0.0	6.5	4.7	1.5	0.0
11	1.0	0.9	56.0	24.0	15.0	36.0	4.5	0.0	1.0	7.8	7.2	0.0
12	0.0	8.1	3.3	0.2	0.0	0.0	2.8	0.0	0.0	1.9	1.6	4.9
13	15.2	8.6	3.6	0.0	11.0	16.0	4.3	0.0	6.1	0.0	0.0	0.0
14	0.0	51.0	3.0	0.0	9.0	0.0	0.0	0.0	28.0	1.2	0.0	2.6
15	0.0	0.5	5.8	0.0	23.0	7.0	0.0	0.0	33.0	5.0	5.7	0.0
16	0.0	3.5	9.7	28.5	6.0	5.0	0.0	0.0	25.0	1.6	4.8	5.5
17	0.0	2.8	3.2	9.7	8.0	10.0	0.0	0.0	2.2	0.0	2.1	0.0
18	0.0	4.7	1.9	49.4	37.0	0.0	5.1	0.0	7.6	8.9	5.8	0.0
19	0.0	13.0	0.0	17.7	11.0	7.0	0.0	0.0	0.0	1.8	9.5	2.1
20	0.0	6.5	3.0	0.3	17.0	6.0	8.1	2.3	2.0	0.0	0.0	2.2
21	0.0	0.0	0.0	1.3	12.0	0.0	0.0	0.0	0.0	4.2	6.6	2.6
22	1.2	1.2	6.5	2.9	25.0	0.0	0.0	0.0	0.0	2.1	6.3	3.7
23	1.4	0.4	0.0	27.7	10.0	0.0	0.0	0.0	1.2	1.3	0.0	0.0
24	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	2.6	4.8	0.0	0.0
25	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0	7.8	0.0	1.4	5.4
26	4.2	0.0	2.4	11.9	9.0	0.0	7.0	0.0	0.0	0.0	4.9	1.7
27	0.6	2.5	0.4	11.6	4.0	0.0	4.5	0.0	1.8	4.3	0.0	0.5
28	11.0	2.9	3.1	10.4	4.0	0.0	3.5	0.0	6.3	7.0	5.0	0.0
29	15.0		0.9	4.8	42.0	0.0	9.0	0.0	1.5	0.0	0.0	0.0
30	0.3		12.4	0.8	0.0	0.0	0.0	4.3	6.2	0.0	2.2	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	249.9	165.3	170.6	275.8	487.0	167.0	62.5	10.8	146.1	81.8	85.7	44.4
D. Ll.	19	22	22	24	27	12	14	3	17	19	18	16

TOTALES ANUALES — 1946.9 mm. — 213 Días lluvia

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

ESTACION: LA TIERRICA — MUNICIPIO: PEREIRA — AÑO: 1.982

ALTITUD: 1.300 — LATITUD: 4-47 N. — LONGITUD: 75-48 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	35.0	0.0	18.0	2.0	3.0	0.0	0.0	9.0	0.0	5.0	30.0	0.0
2	0.0	2.0	12.0	0.0	4.0	0.0	0.0	0.0	0.0	13.0	96.0	0.0
3	25.0	0.0	2.0	7.0	6.0	0.0	0.0	1.0	0.0	4.0	0.0	9.0
4	42.0	5.0	9.0	10.0	0.0	0.0	60.0	0.0	0.0	19.0	0.0	0.0
5	23.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	0.0
6	6.0	18.0	11.0	0.0	10.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
7	14.0	0.0	0.0	10.0	13.0	0.0	0.0	2.0	0.0	0.0	3.0	0.0
8	0.0	0.0	18.0	10.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	48.0
9	0.0	0.0	0.0	6.0	3.0	33.0	0.0	0.0	0.0	20.0	53.0	0.0
10	0.0	0.0	0.0	13.0	0.0	4.0	0.0	0.0	28.0	0.0	0.0	0.0
11	0.0	0.0	28.0	18.0	53.0	5.0	0.0	0.0	0.0	65.0	24.0	0.0
12	0.0	0.0	11.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	6.0	2.0	0.0	0.0	4.0	0.0	0.0	17.0	0.0	0.0	0.0
14	34.0	4.0	0.0	0.0	4.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
15	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	9.0
16	0.0	3.0	0.0	30.0	0.0	0.0	0.0	0.0	16.0	0.0	4.0	0.0
17	0.0	0.0	0.0	7.0	29.0	0.0	0.0	0.0	10.0	0.0	0.0	70.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	3.0	0.0
19	0.0	36.0	0.0	5.0	16.0	0.0	0.0	0.0	12.0	10.0	15.0	0.0
20	0.0	2.0	0.0	11.0	24.0	18.0	2.0	0.0	0.0	0.0	15.0	5.0
21	0.0	0.0	0.0	5.0	24.0	43.0	0.0	0.0	0.0	6.0	0.0	4.0
22	2.0	0.0	0.0	14.0	19.0	0.0	0.0	0.0	6.0	0.0	0.0	8.0
23	0.0	3.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	4.0	16.0
24	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	17.0	16.0	0.0	0.0
25	0.0	0.0	2.0	0.0	30.0	7.0	1.0	0.0	13.0	3.0	15.0	0.0
26	34.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	30.0	0.0
27	18.0	0.0	5.0	0.0	0.0	0.0	52.0	6.0	28.0	4.0	0.0	0.0
28	0.0	0.0	3.0	3.0	3.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
29	6.0		6.0	4.0	4.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
30	0.0		0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
Total	239.0	79.0	161.0	179.0	279.0	114.0	117.0	18.0	220.0	190.0	329.0	169.0
D. Ll.	11	9	15	18	20	7	5	4	13	15	13	8

TOTALES ANUALES — 2094.0 mm. — 138 Días lluvia

ESTACION: LA PLAYA — MUNICIPIO: PEREIRA — AÑO: 1.982

ALTITUD: 1.350 — LATITUD: 04-45 N — LONGITUD: .75-44 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	7.0	12.0	8.0	0.0	0.0	0.0	0.0	11.0	0.0	16.0	18.0	0.0
2	4.0	0.0	14.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0
3	12.0	0.0	25.0	0.0	16.0	7.0	0.0	0.0	0.0	12.0	0.0	0.0
4	5.0	0.0	0.0	8.0	1.0	5.0	21.0	0.0	0.0	20.0	0.0	0.0
5	4.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	10.0
6	0.0	0.0	13.0	0.0	8.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0
7	0.0	0.0	0.0	13.0	11.0	0.0	0.0	0.0	0.0	6.0	23.0	6.0
8	12.0	0.0	27.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	34.0
9	0.0	7.0	0.0	1.0	0.0	62.0	0.0	0.0	0.0	8.0	30.0	0.0
10	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0
11	10.0	0.0	9.0	20.0	29.0	0.0	0.0	0.0	0.0	100.0	0.0	5.0
12	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0
13	0.0	0.0	0.0	0.0	0.0	33.0	0.0	0.0	12.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	46.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0
15	0.0	50.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0
16	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	10.0
17	0.0	0.0	0.0	10.0	21.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
18	0.0	22.0	0.0	9.0	47.0	0.0	0.0	0.0	75.0	0.0	0.0	0.0
19	0.0	16.0	0.0	14.0	11.0	0.0	0.0	0.0	0.0	32.0	0.0	5.0
20	5.0	0.0	0.0	1.0	13.0	20.0	0.0	0.0	0.0	0.0	21.0	0.0
21	0.0	0.0	0.0	0.0	30.0	70.0	0.0	0.0	0.0	12.0	0.0	13.0
22	0.0	0.0	0.0	9.0	27.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
23	4.0	0.0	0.0	15.0	18.0	0.0	0.0	0.0	12.0	0.0	23.0	7.0
24	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	53.0	0.0	0.0
25	0.0	0.0	0.0	0.0	57.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	0.0
27	0.0	0.0	11.0	15.0	0.0	0.0	29.0	0.0	1.0	0.0	7.0	0.0
28	3.0	0.0	1.0	10.0	4.0	0.0	1.0	0.0	0.0	7.0	0.0	0.0
29	0.0		49.0	12.0	4.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0
30	0.0		0.0	41.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	4.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0
Total	66.0	112.0	185.0	224.0	359.0	217.0	51.0	43.0	165.0	312.0	288.0	90.0
D. Ll.	10	6	11	16	19	7	3	2	9	12	12	8

TOTALES ANUALES — 2112.0 mm. — 115 Días lluvia

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

ESTACION: EL TAMBORAL — MUNICIPIO: APIA — AÑO: 1.982

ALTITUD: 1.450 — LATITUD: 5-07 N. — LONGITUD: 75-55 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	62.0	1.0				0.0	0.0	3.5	0.0	0.0	37.5	18.0
2	9.0	0.0				0.0	0.0	0.0	0.0	60.0	5.3	0.0
3	50.0	0.0				0.0	0.0	0.0	0.0	16.0	0.0	6.2
4	37.0	8.0				0.0	1.6	0.0	0.0	6.3	0.0	20.0
5	20.0	1.6				5.3	0.0	0.0	0.0	0.0	6.5	0.0
6	19.0	16.4				0.0	9.6	7.0	0.0	1.5	0.0	0.0
7	5.2	0.0				0.0	0.0	9.0	0.0	2.0	0.0	0.0
8	4.0	0.0				0.0	1.7	0.0	0.0	0.0	0.0	28.0
9	0.0	3.4				22.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0				0.0	0.0	0.0	16.8	0.0	2.0	0.0
11	2.0	0.0				0.0	0.0	0.0	0.0	2.5	27.6	1.0
12	0.0	0.0				0.0	8.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0				22.3	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	26.3				0.0	0.0	0.0	6.0	0.0	0.0	0.0
15	0.0	0.0				0.0	0.0	0.0	0.0	0.0	13.6	0.0
16	1.3	4.0				0.0	0.0	0.0	3.0	0.0	0.0	0.0
17	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	15.0	0.0	3.0	0.0
19	0.0	0.0				6.0	7.6	0.0	1.6	7.6	7.0	0.0
20	0.0	3.4				0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0				18.2	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0				0.0	0.0	0.0	1.0	29.6	0.0	0.0
23	0.0	0.0				0.0	0.0	0.0	19.3	6.5	0.0	0.0
24	41.0	0.0				2.5	0.0	0.0	10.0	0.0	0.0	22.6
25	0.0	0.0				0.0	0.0	0.0	10.1	17.6	0.0	0.0
26	0.0	0.0				0.0	11.8	0.0	0.0	0.0	0.0	0.0
27	3.0	0.0				0.0	26.5	0.0	23.8	28.6	0.0	0.0
28	31.5	0.0				0.0	36.0	0.0	0.0	0.0	15.0	0.0
29	0.0					0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0					0.0	0.0	0.0	6.0	0.0	0.0	0.0
31	0.0					0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	285.0	64.1				76.3	102.8	19.5	112.6	178.2	117.5	104.8
D. Ll.	13	8				6	8	3	11	11	9	7

TOTALES ANUALES — mm. — Días lluvia

ESTACION: LAS POROSITAS — MUNICIPIO: EL PLAYON — AÑO: 1.982

ALTITUD: — LATITUD: 7-28 N. — LONGITUD: 73-10 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1								0.0	0.0	0.0	0.0	0.0
2								1.0	0.0	0.0	15.0	0.0
3								0.0	11.0	0.0	0.0	0.0
4								0.0	0.0	0.0	0.0	25.0
5								12.0	0.0	2.0	28.0	0.0
6								26.0	0.0	0.0	0.0	0.0
7								0.0	5.0	0.0	0.0	0.0
8								0.0	0.0	65.0	0.0	5.0
9								0.0	15.0	6.0	0.0	0.0
10								0.0	3.0	1.0	2.0	25.0
11								1.0	9.0	0.0	0.0	0.0
12								4.0	0.0	0.0	0.0	0.0
13								0.0	2.0	0.0	0.0	0.0
14								2.0	0.0	0.0	0.0	0.0
15								0.0	68.0	0.0	0.0	0.0
16								0.0	0.0	3.0	0.0	0.0
17								0.0	22.0	0.0	0.0	3.0
18								0.0	0.0	0.0	0.0	0.0
19								0.0	0.0	0.0	5.0	0.0
20								3.0	2.0	25.0	40.0	4.0
21								0.0	0.0	0.0	2.0	0.0
22								0.0	0.0	1.0	59.0	0.0
23								0.0	1.0	50.0	3.0	0.0
24								12.0	30.0	5.0	0.0	4.0
25								0.0	0.0	0.0	0.0	0.0
26								0.0	0.0	0.0	2.0	0.0
27								6.0	1.0	5.0	0.0	0.0
28								0.0	0.0	1.0	0.0	0.0
29								0.0	3.0	0.0	0.0	0.0
30								0.0	0.0	0.0	0.0	0.0
31								3.0	0.0	2.0	0.0	0.0
Total								70.0	172.0	166.0	156.0	66.0
D. Ll.								10	13	12	9	6

TOTALES ANUALES — mm. — Días lluvia

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

ESTACION: LOS COCOS — MUNICIPIO: RIONEGRO — AÑO: 1.982

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	24.0	11.0	7.0	2.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
2	0.0	12.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0
3	22.0	23.0	5.0	5.0	0.0	1.0	0.0	0.0	2.0	0.0	0.0	0.0
4	3.0	2.0	1.0	20.0	0.0	1.0	0.0	0.0	3.0	0.0	1.0	0.0
5	6.0	20.0	0.0	2.0	1.0	3.0	0.0	0.0	3.0	0.0	0.0	0.0
6	19.0	1.0	0.0	48.0	20.0	2.0	0.0	0.0	1.0	0.0	19.0	48.0
7	0.0	4.0	0.0	11.0	4.0	1.0	0.0	5.0	1.0	36.0	0.0	30.0
8	0.0	0.0	10.0	34.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	8.0
9	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	14.0	30.0	0.0	0.0
10	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	1.0	3.0	3.0	0.0
11	0.0	0.0	0.0	34.0	0.0	1.0	0.0	0.0	7.0	0.0	21.0	0.0
12	0.0	10.0	0.0	2.0	0.0	0.0	1.0	0.0	8.0	0.0	0.0	0.0
13	0.0	4.0	74.0	0.0	1.0	1.0	8.0	6.0	0.0	0.0	0.0	0.0
14	1.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0
15	0.0	25.0	25.0	0.0	13.0	0.0	0.0	0.0	51.0	0.0	0.0	13.0
16	0.0	18.0	34.0	3.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
17	0.0	9.0	1.0	0.0	4.0	5.0	0.0	0.0	4.0	0.0	0.0	47.0
18	0.0	105.0	0.0	0.0	7.0	0.0	1.0	0.0	0.0	0.0	0.0	3.0
19	0.0	20.0	8.0	15.0	1.0	0.0	5.0	0.0	0.0	5.0	0.0	0.0
20	0.0	11.0	0.0	7.0	14.0	11.0	0.0	21.0	1.0	94.0	13.0	0.0
21	4.0	1.0	0.0	64.0	4.0	0.0	0.0	0.0	0.0	5.0	21.0	0.0
22	0.0	3.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	11.0	2.0	0.0
23	0.0	12.0	6.0	4.0	2.0	0.0	0.0	0.0	0.0	14.0	3.0	0.0
24	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	55.0	7.0	0.0	0.0
25	17.0	0.0	13.0	1.0	4.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	9.0	3.0	4.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0
27	67.0	0.0	6.0	4.0	10.0	0.0	0.0	0.0	3.0	1.0	2.0	0.0
28	2.0	0.0	6.0	5.0	3.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
29	10.0		0.0	1.0	11.0	0.0	5.0	0.0	3.0	1.0	0.0	0.0
30	2.0		5.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	177.0	294.0	212.0	270.0	132.0	39.0	25.0	32.0	163.0	229.0	113.0	151.0
D. LL.	12	19	16	21	19	11	8	3	17	13	10	7

TOTALES ANUALES — 1837.0 mm. — 156 Dias lluvia

ESTACION: PALESTINA — MUNICIPIO: RIONEGRO — AÑO: 1.982

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	3.0	5.0	0.0	29.0	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	3.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0
3	0.0	17.0	2.0	17.0	0.0	2.0	0.0	0.0	0.0	0.0	16.0	0.0
4	2.0	30.0	17.0	11.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	7.0
5	0.0	0.0	0.0	65.0	2.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0
6	0.0	3.0	0.0	0.0	0.0	10.0	2.0	0.0	0.0	0.0	0.0	84.0
7	0.0	0.0	2.0	3.0	25.0	0.0	3.0	0.0	8.0	40.0	0.0	0.0
8	0.0	0.0	10.0	5.0	0.0	0.0	0.0	0.0	10.0	3.0	0.0	35.0
9	0.0	12.0	4.0	0.0	8.0	50.0	10.0	0.0	61.0	20.0	0.0	0.0
10	0.0	16.0	0.0	0.0	12.0	0.0	0.0	0.0	2.0	0.0	9.0	7.0
11	0.0	0.0	2.0	17.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	8.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0
13	0.0	0.0	13.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
14	0.0	5.0	0.0	2.0	2.0	23.0	0.0	8.0	0.0	0.0	0.0	0.0
15	0.0	0.0	40.0	2.0	10.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
16	0.0	13.0	31.0	27.0	5.0	0.0	0.0	6.0	0.0	0.0	0.0	6.0
17	0.0	11.0	5.0	0.0	10.0	13.0	0.0	2.0	13.0	0.0	0.0	0.0
18	0.0	0.0	0.0	5.0	12.0	8.0	10.0	0.0	0.0	0.0	0.0	4.0
19	0.0	108.0	25.0	7.0	0.0	0.0	9.0	0.0	15.0	0.0	0.0	2.0
20	0.0	34.0	0.0	41.0	11.0	0.0	0.0	37.0	0.0	40.0	24.0	0.0
21	0.0	0.0	4.0	0.0	2.0	10.0	0.0	0.0	0.0	5.0	27.0	0.0
22	0.0	0.0	5.0	29.0	12.0	5.0	6.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	2.0	0.0	3.0	0.0	0.0	0.0	15.0	20.0	24.0	0.0	0.0
25	30.0	0.0	1.0	2.0	22.0	0.0	8.0	0.0	6.0	0.0	25.0	0.0
26	0.0	0.0	0.0	12.0	33.0	0.0	3.0	0.0	0.0	3.0	0.0	6.0
27	0.0	0.0	57.0	0.0	0.0	2.0	0.0	0.0	7.0	0.0	0.0	0.0
28	14.0	0.0	4.0	10.0	19.0	0.0	2.0	0.0	0.0	0.0	13.0	3.0
29	3.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
30	0.0		16.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
31	0.0		0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0
Total	52.0	264.0	248.0	303.0	190.0	123.0	53.0	86.0	176.0	145.0	140.0	162.0
D. LL.	5	13	18	20	17	9	9	7	11	9	8	10

TOTALES ANUALES — 1942.0 mm. — 136 Dias lluvia

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

ESTACION: BONANZA — MUNICIPIO: GIRON — AÑO: 1.982

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	8.0	0.0	1.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0
2	2.0	3.0	0.0	4.0	0.0			4.0	0.0	4.0	31.0	0.0
3	28.0	24.0	0.0	2.0	20.0			0.0	28.0	2.0	2.0	0.0
4	0.0	0.0	0.0	3.0	0.0			0.0	0.0	0.0	5.0	0.0
5	22.0	13.0	0.0	29.0	0.0			0.0	4.0	0.0	0.0	0.0
6	2.0	0.0	0.0	7.0	0.0			8.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0			3.0	0.0	24.0	22.0	0.0
8	0.0	0.0	0.0	45.0	0.0			0.0	0.0	0.0	0.0	3.0
9	0.0	0.0	0.0	15.0	2.0			0.0	50.0	44.0	0.0	4.0
10	0.0	0.0	0.0	70.0	13.0			0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	5.0	0.0			1.0	3.0	0.0	44.0	0.0
12	0.0	38.0	0.0	7.0	0.0			1.0	0.0	3.0	0.0	0.0
13	0.0	1.0	14.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	2.0	8.0			3.0	0.0	9.0	0.0	0.0
15	0.0	11.0	0.0	4.0	11.0			3.0	39.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0			1.0	2.0	0.0	0.0	0.0
17	0.0	0.0	0.0	5.0	0.0			1.0	35.0	0.0	0.0	3.0
18	0.0	0.0	30.0	34.0	3.0		0.0	0.0	0.0	2.0	0.0	0.0
19	0.0	68.0	8.0	0.0	2.0		3.0	0.0	14.0	17.0	0.0	1.0
20	0.0	0.0	0.0	20.0	0.0		0.0	2.0	9.0	47.0	0.0	0.0
21	0.0	48.0	0.0	4.0	1.0		0.0	0.0	0.0	0.0	13.0	2.0
22	0.0	0.0	0.0	0.0	37.0		0.0	0.0	0.0	7.0	11.0	0.0
23	0.0	0.0	9.0	0.0	0.0		0.0	0.0	0.0	49.0	4.0	0.0
24	0.0	3.0	0.0	0.0	30.0		0.0	16.0	0.0	0.0	0.0	0.0
25	0.0	0.0	2.0	6.0	2.0		44.0	0.0	21.0	60.0	0.0	0.0
26	0.0	0.0	0.0	15.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	7.0	4.0	0.0		6.0	0.0	2.0	7.0	3.0	0.0
28	0.0	0.0	4.0	8.0	0.0		0.0	0.0	0.0	3.0	0.0	3.0
29	0.0		0.0	69.0	4.0		2.0	0.0	0.0	3.0	0.0	0.0
30	0.0		0.0	2.0	0.0		0.0	2.0	4.0	0.0	0.0	0.0
31	1.0		2.0	0.0	0.0		0.0	0.0	0.0	3.0	0.0	0.0
Total	63.0	209.0	77.0	360.0	133.0			45.0	211.0	284.0	135.0	16.0
D. Ll.	6	9	9	22	12			12	12	16	9	6

TOTALES ANUALES — mm. — Días lluvia

ESTACION: LA LOMA — MUNICIPIO: FLORIDABLANCA — AÑO: 1.982

ALTITUD: 1.400 — LATITUD: 7-04 N. — LONGITUD: 73-05 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	30.0	1.0	2.0	0.0	0.0
2	0.0	1.0	3.0	20.0	0.0	0.0	0.0	0.0	2.0	2.0	3.0	0.0
3	6.0	0.0	0.0	0.0	2.0	1.0	5.0	5.0	0.0	0.0	3.0	0.0
4	0.0	0.0	5.0	20.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
5	6.0	2.0	0.0	0.0	4.0	5.0	0.0	0.0	50.0	2.0	5.0	20.0
6	5.0	0.0	4.0	10.0	0.0	14.0	4.0	0.0	0.0	0.0	0.0	0.0
7	0.0	10.0	0.0	10.0	5.0	4.0	0.0	10.0	0.0	50.0	3.0	0.0
8	0.0	1.0	40.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
9	0.0	0.0	0.0	0.0	1.0	0.0	0.0	2.0	0.0	5.0	0.0	0.0
10	0.0	0.0	0.0	0.0	5.0	8.0	7.0	0.0	2.0	0.0	0.0	0.0
11	27.0	12.0	0.0	25.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	7.0	0.0	0.0	4.0	0.0	0.0	5.0	7.0	0.0	2.0	0.0
13	0.0	7.0	50.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
14	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	12.0	4.0	0.0
15	0.0	0.0	0.0	2.0	0.0	0.0	1.0	0.0	26.0	0.0	0.0	0.0
16	0.0	29.0	0.0	9.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
17	3.0	19.0	0.0	0.0	10.0	55.0	2.0	2.0	0.0	2.0	0.0	0.0
18	0.0	0.0	50.0	5.0	5.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0
19	0.0	80.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	10.0
20	0.0	0.0	0.0	0.0	10.0	2.0	0.0	3.0	0.0	0.0	0.0	0.0
21	0.0	5.0	0.0	19.0	4.0	0.0	6.0	0.0	0.0	5.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	5.0	7.0	0.0	0.0	0.0	20.0	0.0
23	0.0	0.0	7.0	2.0	3.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
24	0.0	0.5	0.0	0.0	15.0	0.0	0.0	0.0	0.0	1.0	6.0	0.0
25	5.0	0.0	0.0	0.0	4.0	10.0	2.0	0.0	0.0	0.0	10.0	0.0
26	0.0	0.0	3.0	4.0	0.0	0.0	0.0	1.0	5.0	0.0	0.0	16.0
27	0.0	0.0	0.0	0.0	2.0	0.0	4.0	4.0	0.0	0.0	20.0	0.0
28	2.0	25.0	4.0	0.0	8.0	0.0	2.0	0.0	2.0	2.0	0.0	0.0
29	0.0		5.0	15.0	20.0	7.0	0.0	0.0	0.0	2.0	0.0	0.0
30	8.0		0.0	1.0	0.0	5.0	0.0	0.0	23.0	0.0	0.0	0.0
31	1.0		2.0	0.0	47.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	65.0	198.5	196.0	197.0	151.0	133.0	40.0	68.0	123.0	91.0	76.0	61.0
D. Ll.	10	13	12	15	18	15	10	11	10	12	10	4

TOTALES ANUALES — 1399.5 mm. — 140 Días lluvia

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

ESTACION: MIPORAL — MUNICIPIO: FLORIDABLANCA — AÑO: 1.982

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	6.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	11.0	0.0	0.0	6.0	14.0	0.0	27.0	0.0
3	4.0	13.0	7.0	18.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
4	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0
5	0.0	0.0	5.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	47.0	0.0	31.0	0.0	8.0	0.0	0.0	0.0	6.0
7	5.0	0.0	0.0	113.0	0.0	0.0	0.0	0.0	7.0	42.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	5.0
10	0.0	0.0	0.0	33.0	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	0.0	0.0	0.0	0.0
12	0.0	9.0	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	47.0	0.0	0.0	0.0	0.0	12.0	41.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	18.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0
17	0.0	0.0	0.0	14.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	61.0	12.0	0.0	0.0	12.0	0.0	0.0
19	0.0	40.0	0.0	12.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	41.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	58.0	0.0	0.0
21	0.0	0.0	18.0	44.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	17.0	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	7.0	0.0	6.0	26.0	0.0	0.0	37.0	0.0	0.0	0.0
25	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
27	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0
28	0.0	0.0	0.0	0.0	12.0	0.0	18.0	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	13.0	0.0	0.0	0.0
30	0.0		0.0	0.0	15.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0
31	7.0		0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	25.0	132.0	126.0	293.0	102.0	167.0	80.0	63.0	138.0	119.0	51.0	38.0
D. Ll.	4	7	7	8	7	7	3	6	6	4	3	4
TOTALES ANUALES							1334.0 mm.				66	Días lluvia

ESTACION: NEW YORK — MUNICIPIO: SAN VICENTE — AÑO: 1.982

ALTITUD: 960 — LATITUD: 6-52 N. — LONGITUD: 73-24 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
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
3	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0		0.0
4	0.0	20.0	0.0	0.0	0.0	0.0	10.0	0.0	15.0	0.0		0.0
5	25.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	135.0		0.0
6	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0		0.0
7	0.0	10.0	10.0	0.0	20.0	0.0	0.0	15.0	0.0	0.0		0.0
8	0.0	0.0	0.0	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	10.0	0.0	0.0	0.0	0.0		0.0
10	0.0	0.0	0.0	20.0	0.0	0.0	25.0	0.0	10.0	0.0		0.0
11	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0		0.0
12	0.0	0.0	0.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0		0.0
13	0.0	20.0	0.0	0.0	0.0	20.0	0.0	0.0	15.0	0.0		0.0
14	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
15	20.0	10.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	15.0		0.0
16	0.0	0.0	10.0	10.0	10.0	0.0	0.0	20.0	0.0	0.0		20.0
17	0.0	20.0	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	20.0	0.0	0.0	0.0	0.0	18.0	0.0		0.0
19	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
20	0.0	0.0	0.0	30.0	0.0	0.0	0.0	20.0	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	60.0		0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
23	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0		0.0
24	0.0	0.0	0.0	10.0	20.0	0.0	0.0	10.0	10.0	20.0		0.0
25	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
26	0.0	0.0	0.0	0.0	20.0	0.0	0.0	10.0	0.0	0.0		0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
28	0.0	0.0	10.0	20.0	10.0	0.0	0.0	0.0	0.0	0.0		0.0
29	0.0		0.0	15.0	80.0	0.0	0.0	0.0	0.0	15.0		0.0
30	10.0		0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
31	0.0		10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Total	55.0	100.0	50.0	270.0	250.0	30.0	50.0	85.0	68.0	295.0		20.0
D. Ll.	3	7	5	12	10	2	3	6	5	6		1
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: 1.982

ALTITUD: 750 — LATITUD: 6-52 N. — LONGITUD: 73-23 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	2.0	20.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	5.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
3	0.0	15.0	0.0	0.0	0.0	4.0	4.0	0.0	23.0	10.0	13.0	0.0
4	0.0	0.0	0.0	0.0	10.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
5	45.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
6	0.0	2.5	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	12.0
7	0.0	0.0	0.0	0.0	35.0	1.0	20.0	0.0	0.0	0.0	0.0	2.0
8	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
9	0.0	0.0	0.0	0.0	14.0	0.0	7.0	15.0	32.0	50.0	0.0	0.0
10	0.0	1.0	0.0	1.0	0.0	10.0	0.0	12.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	33.0	32.0	5.0	0.0	14.0	0.0	0.0	0.0	0.0
12	0.0	3.0	0.0	2.0	0.0	0.0	12.0	0.0	1.0	0.0	0.0	0.0
13	0.0	0.0	0.0	10.0	1.0	2.0	0.0	0.0	0.0	10.0	0.0	0.0
14	0.0	20.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
15	0.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	35.0	2.0	0.0	0.0
16	0.0	40.0	7.5	33.0	2.5	0.0	0.0	1.0	0.0	37.0	0.0	0.0
17	0.0	39.0	12.0	87.0	10.0	30.0	10.0	0.0	0.0	0.0	0.0	13.0
18	0.0	0.0	0.0	5.0	5.0	0.0	5.0	18.0	0.0	0.0	0.0	0.0
19	0.0	52.0	27.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	12.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0
22	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	27.0	0.0
23	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	3.0	0.0
24	0.0	0.0	0.0	0.0	20.0	0.0	20.0	0.0	15.0	30.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	1.0	0.0	0.0
26	0.0	0.0	0.5	40.0	25.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	1.0	5.0	0.0	0.0	0.0	45.0	1.0	23.0	0.0
28	0.0	12.0	0.0	2.0	18.0	1.0	0.0	0.0	5.0	2.0	0.0	0.0
29	0.0		0.0	80.0	15.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0		0.0	0.0		0.0	2.0		0.0
Total	47.0	221.5	106.0	294.5	268.5	97.0	94.0	91.0	156.0	224.0	105.0	27.0
D. LL	2	12	7	12	18	10	10	6	7	15	7	3

TOTALES ANUALES — 1731.5 mm. — 109 Días lluvia

ESTACION: NAZARETH — MUNICIPIO: SAN VICENTE — AÑO: 1.982

ALTITUD: 1.000 — LATITUD: 6-57 N. — LONGITUD: 73-25 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	50.0	0.0	16.0	3.0	20.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0
2	0.0	6.0	0.0	7.0	4.0	3.0	0.0	24.0	0.0	6.0	3.0	0.0
3	0.0	38.0	0.0	7.0	16.0	0.0	0.0	0.0	4.0	0.0	2.0	18.0
4	16.0	0.0	0.0	0.0	0.0	12.0	21.0	0.0	0.0	0.0	0.0	0.0
5	29.0	20.0	0.0	38.0	33.0	0.0	0.0	0.0	0.0	0.0	8.0	3.0
6	33.0	0.0	0.0	0.0	48.0	13.0	0.0	0.0	7.0	0.0	10.0	0.0
7	0.0	0.0	0.0	0.0	46.0	15.0	0.0	0.0	0.0	23.0	0.0	0.0
8	0.0	0.0	0.0	62.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	3.0
9	0.0	0.0	0.0	10.0	24.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
10	0.0	3.0	0.0	0.0	10.0	0.0	0.0	37.0	0.0	10.0	4.0	3.0
11	4.0	45.0	0.0	4.0	0.0	0.0	21.0	12.0	0.0	0.0	3.0	0.0
12	0.0	0.0	0.0	0.0	0.0	12.0	0.0	15.0	54.0	0.0	0.0	0.0
13	0.0	0.0	7.0	29.0	17.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
14	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	21.0	5.0	10.0	11.0	0.0	0.0	0.0	12.0	22.0	0.0	10.0	0.0
16	0.0	17.0	0.0	122.0	2.0	3.0	0.0	0.0	0.0	2.0	0.0	0.0
17	0.0	6.0	0.0	93.0	0.0	0.0	8.0	0.0	3.0	4.0	0.0	0.0
18	0.0	5.0	5.0	10.0	5.0	20.0	13.0	3.0	0.0	2.0	7.0	15.0
19	0.0	5.0	0.0	2.0	0.0	13.0	0.0	0.0	0.0	0.0	18.0	0.0
20	0.0	48.0	0.0	14.0	3.0	18.0	0.0	27.0	0.0	35.0	3.0	18.0
21	0.0	19.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	66.0	42.0
22	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	12.0	5.0	63.0	0.0
23	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	6.0	24.0	3.0	0.0
24	0.0	0.0	0.0	0.0	96.0	0.0	0.0	0.0	29.0	48.0	0.0	0.0
25	0.0	0.0	0.0	0.0	3.0	2.0	31.0	0.0	25.0	0.0	0.0	0.0
26	0.0	0.0	27.0	24.0	14.0	0.0	0.0	0.0	0.0	7.0	32.0	0.0
27	0.0	0.0	0.0	7.0	6.0	0.0	12.0	0.0	20.0	9.0	0.0	0.0
28	0.0	11.0	16.0	101.0	0.0	0.0	6.0	3.0	0.0	1.0	0.0	0.0
29	0.0		0.0	0.0	4.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	16.0	0.0	10.0	0.0	0.0	0.0
31	0.0		10.0	0.0		0.0	0.0		2.0	0.0		0.0
Total	153.0	230.0	98.0	563.0	363.0	111.0	150.0	135.0	192.0	190.0	232.0	102.0
D. LL	6	14	8	18	18	10	12	9	11	16	14	7

TOTALES ANUALES — 2519.0 mm. — 143 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: 1.982

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	0.0	0.0	0.0	0.0	0.0
2					0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0
3					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4					0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0
5					0.0	4.0	0.0	0.0	15.0	0.0	0.0	0.0
6					0.0	7.0	0.0	0.0	0.0	0.0	44.0	14.0
7					2.0	0.0	0.0	0.0	0.0	40.0	0.0	10.0
8					0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
9					0.0	11.0	0.0	0.0	0.0	8.0	0.0	0.0
10					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11					0.0	0.0	0.0	0.0	6.0	0.0	8.0	0.0
12					0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0
13					0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
14					0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0
15					5.0	0.0	10.0	0.0	12.0	0.0	0.0	0.0
16					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17					0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0
18					0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
19					2.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0
20					6.0	50.0	0.0	10.0	0.0	120.0	20.0	4.0
21					0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
22				0.0	3.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0
23				20.0	5.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
24				0.0	6.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0
25				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26				3.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0
27				8.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28				4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29				0.0	15.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
30				3.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0
31				0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total					50.0	93.0	34.0	15.0	82.0	182.0	112.0	56.0
D. Ll.					11	6	6	2	5	5	6	4

TOTALES ANUALES — mm. — Días lluvia

ESTACION: LA GUAYANA — MUNICIPIO: ZAPATOCA — AÑO: 1.982

ALTITUD: 1.800 — LATITUD: 6-48 N. — LONGITUD: 73-15 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	40.0	0.0	0.0	0.0	0.0	0.0	35.0	5.0	0.0		5.0	15.0
2	0.0	0.0	0.0	20.0	15.0	0.0	0.0	20.0	0.0		15.0	0.0
3	10.0	0.0	0.0	10.0	10.0	5.0	15.0	0.0	0.0		0.0	0.0
4	5.0	0.0	0.0	30.0	0.0	10.0	0.0	0.0	10.0		5.0	0.0
5	0.0	0.0	0.0	30.0	25.0	35.0	0.0	0.0	0.0		0.0	0.0
6	10.0	0.0	0.0	15.0	70.0	40.0	0.0	10.0	0.0		85.0	0.0
7	0.0	0.0	0.0	0.0	5.0	20.0	45.0	10.0	5.0		0.0	0.0
8	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	5.0		0.0	15.0
9	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0		0.0	0.0
10	0.0	0.0	0.0	30.0	10.0	0.0	0.0	0.0	25.0		5.0	0.0
11	0.0	10.0	0.0	15.0	0.0	0.0	15.0	0.0	30.0		15.0	0.0
12	0.0	0.0	0.0	5.0	0.0	0.0	10.0	10.0	35.0		0.0	0.0
13	0.0	15.0	0.0	0.0	10.0	5.0	0.0	10.0	0.0		0.0	0.0
14	0.0	0.0	0.0	15.0	0.0	25.0	0.0	15.0	25.0		0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	40.0		0.0	0.0
16	0.0	0.0	0.0	10.0	0.0	0.0	5.0	0.0	0.0		0.0	0.0
17	0.0	5.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0		5.0	0.0
18	0.0	5.0	0.0	10.0	35.0	15.0	15.0	5.0	0.0		0.0	0.0
19	0.0	5.0	0.0	10.0	10.0	0.0	0.0	10.0	5.0		0.0	0.0
20	0.0	15.0	0.0	5.0	20.0	0.0	0.0	10.0	0.0		15.0	5.0
21	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0		5.0	0.0
22	0.0	0.0	5.0	0.0	25.0	0.0	0.0	0.0	0.0		0.0	0.0
23	0.0	0.0	15.0	0.0	10.0	0.0	0.0	20.0	50.0		10.0	0.0
24	0.0	0.0	0.0	0.0	15.0	0.0	0.0	15.0	10.0		0.0	0.0
25	0.0	0.0	0.0	0.0	20.0	0.0	20.0	0.0	10.0		10.0	0.0
26	0.0	0.0	0.0	25.0	0.0	0.0	0.0	10.0	0.0		0.0	0.0
27	0.0	0.0	10.0	20.0	5.0	0.0	0.0	20.0	20.0		0.0	5.0
28	0.0	0.0	0.0	10.0	5.0	0.0	10.0	0.0	30.0		0.0	10.0
29	0.0		0.0	50.0	0.0	0.0	0.0	10.0	0.0		10.0	0.0
30	0.0		35.0	0.0	5.0	5.0	0.0	0.0	0.0		0.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
Total	65.0	60.0	65.0	355.0	300.0	160.0	175.0	180.0	310.0		185.0	50.0
D. Ll.	4	7	4	19	18	9	10	15	15		12	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: CUCHICUTE — MUNICIPIO: CURITI — AÑO: 1.982

ALTITUD: 1.550 — LATITUD: 6-36 N. — LONGITUD: 73-04 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	8.0	12.0	6.0	19.0	9.0	19.0	1.0	0.0	4.0	0.0	3.0
2	0.0	0.0	0.0	0.0	13.0	6.0	2.0	16.0	3.0	10.0	19.0	0.0
3	18.0	1.0	0.0	12.0	19.0	10.0	18.0	8.0	0.0	33.0	0.0	0.0
4	0.0	0.0	0.0	10.0	1.0	11.0	16.0	0.0	20.0	0.0	0.0	0.0
5	0.0	9.0	0.0	15.0	6.0	3.0	2.0	0.0	22.0	9.0	0.0	0.0
6	0.0	0.0	0.0	16.0	0.0	58.0	6.0	20.0	0.0	10.0	0.0	0.0
7	0.0	0.0	0.0	3.0	9.0	3.0	0.0	10.0	2.0	0.0	0.0	0.0
8	0.0	0.0	0.0	66.0	3.0	0.0	0.0	0.0	8.0	3.0	0.0	0.0
9	0.0	0.0	0.0	2.0	36.0	14.0	0.0	0.0	14.0	1.0	0.0	11.0
10	0.0	0.0	0.0	20.0	2.0	1.0	18.0	0.0	3.0	0.0	0.0	0.0
11	0.0	20.0	0.0	55.0	0.0	0.0	0.0	0.0	4.0	0.0	10.0	0.0
12	0.0	0.0	9.0	0.0	0.0	1.0	32.0	6.0	35.0	4.0	0.0	0.0
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	2.0	0.0	0.0	3.0	1.0	0.0	20.0	0.0	0.0	0.0	0.0
15	0.0	1.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	1.0	2.0	3.0	18.0	0.0	0.0	0.0
17	0.0	0.0	6.0	0.0	3.0	18.0	0.0	0.0	0.0	11.0	0.0	0.0
18	0.0	5.0	0.0	0.0	35.0	21.0	8.0	0.0	7.0	18.0	25.0	0.0
19	0.0	5.0	0.0	10.0	21.0	2.0	8.0	12.0	0.0	2.0	0.0	0.0
20	0.0	3.0	0.0	10.0	0.0	5.0	0.0	5.0	0.0	2.0	0.0	0.0
21	0.0	0.0	0.0	45.0	5.0	8.0	13.0	15.0	0.0	3.0	0.0	2.0
22	0.0	0.0	27.0	0.0	9.0	7.0	7.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	4.0	10.0	7.0	0.0	0.0	0.0	12.0	0.0	0.0
24	0.0	0.0	0.0	0.0	19.0	0.0	0.0	30.0	3.0	33.0	8.0	0.0
25	0.0	0.0	0.0	0.0	8.0	0.0	9.0	0.0	0.0	6.0	0.0	0.0
26	0.0	0.0	0.0	29.0	3.0	0.0	0.0	0.0	0.0	0.0	5.0	2.0
27	0.0	0.0	0.0	28.0	4.0	9.0	15.0	45.0	0.0	2.0	10.0	0.0
28	0.0	34.0	10.0	9.0	3.0	1.0	2.0	11.0	0.0	0.0	24.0	0.0
29	0.0		0.0	0.0	17.0	0.0	9.0	1.0	39.0	3.0	0.0	3.0
30	0.0		0.0	4.0	7.0	0.0	0.0	6.0	35.0	1.0	0.0	0.0
31	5.0		9.0	0.0	10.0	0.0	0.0	1.0	0.0	10.0	0.0	0.0
Total	23.0	88.0	73.0	344.0	281.0	196.0	186.0	210.0	213.0	188.0	101.0	21.0
D. LL	2	10	6	18	25	21	17	17	14	22	7	5

TOTALES ANUALES 1924.0 mm. — 164 Dias lluvia

ESTACION: CHOCHOS — MUNICIPIO: HATO — AÑO: 1.982

ALTITUD: 1.400 — LATITUD: 6-32 N. — LONGITUD: 73-18 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	13.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
2	0.0	28.0	0.0	25.0	22.0	0.0	0.0	26.0	21.0	0.0	49.0	0.0
3	5.0	10.0	0.0	3.0	16.0	0.0	18.0	0.0	12.0	46.0	22.0	0.0
4	8.0	8.0	0.0	10.0	0.0	24.0	5.0	0.0	1.0	0.0	0.0	0.0
5	0.0	2.0	0.0	22.0	19.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
6	2.0	2.0	0.0	44.0	0.0	18.0	18.0	4.0	0.0	40.0	37.0	0.0
7	0.0	0.0	4.0	0.0	13.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	60.0	1.0	0.0	0.0	0.0	51.0	25.0	0.0	25.0
9	0.0	0.0	0.0	2.0	0.0	31.0	0.0	0.0	0.0	64.0	0.0	0.0
10	0.0	0.0	0.0	34.0	1.0	0.0	13.0	0.0	19.0	0.0	10.0	0.0
11	0.0	19.0	3.0	3.0	0.0	7.0	0.0	27.0	0.0	36.0	12.0	0.0
12	0.0	4.0	0.0	1.0	0.0	0.0	16.0	0.0	25.0	5.0	0.0	0.0
13	0.0	1.0	14.0	0.0	4.0	0.0	0.0	0.0	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	5.0	0.0	0.0	0.0
15	0.0	9.0	0.0	17.0	27.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	4.0	5.0	0.0	0.0	5.0	93.0	21.0	0.0	0.0
17	0.0	0.0	12.0	0.0	1.0	0.0	10.0	0.0	0.0	85.0	0.0	0.0
18	0.0	0.0	19.0	13.0	37.0	20.0	0.0	38.0	0.0	0.0	25.0	0.0
19	0.0	0.0	2.0	0.0	82.0	0.0	2.0	0.0	26.0	24.0	1.0	0.0
20	0.0	12.0	0.0	13.0	6.0	0.0	3.0	51.0	0.0	6.0	0.0	0.0
21	0.0	0.0	28.0	0.0	0.0	1.0	0.0	0.0	0.0	2.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	23.0	0.0	6.0
23	0.0	0.0	0.0	8.0	26.0	0.0	0.0	7.0	0.0	98.0	0.0	0.0
24	0.0	0.0	0.0	0.0	10.0	0.0	3.0	31.0	0.0	52.0	0.0	0.0
25	0.0	0.0	0.0	0.0	26.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	43.0	5.0	0.0	1.0	0.0	0.0	0.0	52.0	10.0
27	0.0	0.0	0.0	26.0	3.0	0.0	0.0	33.0	0.0	12.0	32.0	1.0
28	25.0	8.0	14.0	0.0	33.0	0.0	0.0	17.0	46.0	3.0	6.0	6.0
29	0.0		8.0	0.0	14.0	0.0	0.0	1.0	3.0	0.0	0.0	0.0
30	0.0		2.0	92.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		12.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
Total	40.0	103.0	118.0	433.0	354.0	118.0	127.0	246.0	302.0	552.0	246.0	48.0
D. LL	4	11	11	19	22	8	13	12	11	17	10	5

TOTALES ANUALES 2687.0 mm. — 143 Dias lluvia

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

ESTACION: LAS FLORES MUNICIPIO: PINCHOTE AÑO: 1.982

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	2.0	26.0	0.0	10.0	0.0	0.0			
2	0.0	3.0	0.0	8.0	15.0	0.0	1.0	6.0	35.0			
3	3.0	0.0	2.0	22.0	1.0	0.0	1.0	0.0	0.0			
4	2.0	0.0	0.0	33.0	2.0	17.0	93.0	0.0	0.0			
5	0.0	5.0	0.0	27.0	0.0	5.0	0.0	0.0	1.0			
6	0.0	0.0	0.0	11.0	9.0	25.0	16.0	7.0	0.0			
7	0.0	0.0	0.0	2.0	0.0	3.0	0.0	6.0	0.0			
8	0.0	0.0	0.0	26.0	0.0	1.0	0.0	0.0	2.0			
9	0.0	7.0	0.0	1.0	0.0	18.0	0.0	0.0	3.0			
10	0.0	1.0	0.0	9.0	4.0	0.0	1.0	0.0	0.0			
11	0.0	9.0	4.0	7.0	0.0	0.0	0.0	0.0	5.0			
12	0.0	18.0	0.0	0.0	0.0	0.0	9.0	23.0	29.0			
13	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0			
14	0.0	2.0	9.0	0.0	2.0	0.0	0.0	0.0	0.0			
15	0.0	4.0	0.0	2.0	8.0	0.0	0.0	5.0	16.0			
16	0.0	5.0	0.0	0.0	1.0	0.0	0.0	3.0	4.0			
17	0.0	0.0	12.0	3.0	4.0	3.0	2.0	0.0	0.0			
18	0.0	0.0	1.0	0.0	5.0	6.0	2.0	0.0	0.0			
19	0.0	0.0	5.0	0.0	13.0	3.0	0.0	0.0	0.0			
20	0.0	10.0	0.0	12.0	4.0	0.0	0.0	5.0	10.0			
21	0.0	0.0	0.0	0.0	8.0	5.0	3.0	0.0	0.0			
22	0.0	0.0	0.0	0.0	5.0	3.0	0.0	0.0	4.0			
23	0.0	0.0	0.0	11.0	15.0	0.0	0.0	3.0	0.0			
24	0.0	0.0	0.0	0.0	23.0	0.0	0.0	7.0	0.0			
25	0.0	0.0	0.0	0.0	27.0	0.0	2.0	0.0	6.0			
26	0.0	0.0	0.0	14.0	7.0	0.0	0.0	1.0	0.0			
27	0.0	0.0	0.0	0.0	4.0	0.0	27.0	10.0	0.0			
28	0.0	0.0	0.0	16.0	0.0	2.0	5.0	5.0	12.0			
29	0.0		0.0	7.0	15.0	0.0	2.0	6.0	3.0			
30	0.0		4.0	0.0	0.0	1.0	0.0	0.0	10.0			
31	9.0		0.0	0.0	2.0	0.0	0.0	3.0	0.0			
Total	14.0	64.0	37.0	213.0	201.0	92.0	174.0	91.0	140.0			
D. Ll.	3	10	7	18	23	13	14	15	14			

TOTALES ANUALES mm. Días lluvia

ESTACION: INST. AGRICOLA MUNICIPIO: MOGOTES AÑO: 1.982

ALTITUD: 1.800 LATITUD: 6-28 N. LONGITUD: 72-58 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	12.5	6.1	0.0	8.0	31.5	0.3						
2	0.0	0.5	0.0	17.6	5.6	2.4						
3	6.2	11.2	0.3	36.1	4.9	2.7						
4	0.0	8.6	0.0	10.5	26.2	48.5						
5	0.0	14.2	0.0	36.9	5.0	11.7						
6	0.0	3.5	0.0	14.2	7.3	23.4						
7	0.0	2.4	0.0	0.9	2.4	24.5						
8	0.0	21.1	0.0	21.5	0.8	0.5						
9	0.0	0.5	0.0	3.7	13.2	26.2						
10	0.2	9.8	0.0	9.5	2.1	1.0						
11	0.7	44.9	0.0	7.3	0.0	6.9						
12	0.0	8.0	9.9	3.0	4.7	19.2						
13	0.0	2.3	0.3	0.3	10.0	8.5						
14	0.0	25.4	5.4	0.0	32.5	4.8						
15	0.0	11.2	0.0	0.0	22.6	0.0						
16	0.0	2.2	0.0	0.0	4.8	0.0						
17	0.0	0.0	2.4	2.3	22.8	3.9						
18	0.0	0.0	19.5	0.0	3.6	3.6						
19	0.0	0.0	1.9	20.1	6.0	6.3						
20	0.0	4.3	0.0	36.7	13.1	0.0						
21	0.0	0.0	3.0	0.0	7.4	4.7						
22	0.0	0.0	19.9	0.6	15.7	3.9						
23	0.0	0.0	1.8	2.4	3.2	2.0						
24	0.0	0.0	0.0	0.0	56.1	0.0						
25	0.0	0.0	0.0	0.3	4.0	0.0						
26	0.0	1.6	0.0	51.0	0.6	1.7						
27	0.0	0.0	0.4	35.5	18.2	0.9						
28	0.4	0.0	44.3	6.7	0.3	0.0						
29	2.3		17.3	39.4	10.6	0.0						
30	0.0		24.4	12.3	28.2	0.0						
31	0.8		8.1	0.0	4.0	0.0						
Total	23.1	177.8	158.9	376.8	367.4	207.6						
D. Ll.	7	18	15	24	30	22						

TOTALES ANUALES mm. Días lluvia

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

ESTACION: MESON — MUNICIPIO: VALLE SAN JOSE — AÑO: 1.982

ALTITUD: 1.200 — 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	27.0	20.0	5.0	5.0	2.0	0.0	1.0	6.0	0.0
2	1.0	0.0	0.0	15.0	60.0	1.0	10.0	2.0	5.0	18.0	0.0	0.0
3	0.0	0.0	0.0	17.0	6.0	0.0	2.0	0.0	1.0	8.0	0.0	0.0
4	0.0	0.0	0.0	12.0	1.0	4.0	5.0	1.0	0.0	0.0	2.0	0.0
5	0.0	9.0	0.0	22.0	5.0	4.0	1.0	2.0	4.0	3.0	0.0	0.0
6	0.0	0.0	0.0	2.0	3.0	18.0	1.0	6.0	0.0	42.0	0.0	0.0
7	0.0	0.0	0.0	0.0	1.0	1.0	2.0	5.0	0.0	25.0	0.0	6.0
8	0.0	0.0	0.0	55.0	1.0	1.0	1.0	2.0	0.0	11.0	0.0	20.0
9	0.0	0.0	0.0	1.0	1.0	33.0	0.0	0.0	1.0	10.0	0.0	0.0
10	0.0	0.0	0.0	12.0	9.0	15.0	3.0	0.0	1.0	0.0	15.0	0.0
11	0.0	3.0	0.0	10.0	0.0	0.0	0.0	0.0	3.0	5.0	15.0	0.0
12	0.0	10.0	5.0	2.0	0.0	0.0	13.0	22.0	15.0	20.0	0.0	0.0
13	0.0	2.0	15.0	2.0	4.0	1.0	1.0	2.0	0.0	0.0	0.0	0.0
14	0.0	2.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	1.0	5.0
15	0.0	0.0	0.0	0.0	10.0	0.0	0.0	8.0	35.0	0.0	0.0	0.0
16	0.0	0.0	17.0	4.0	2.0	11.0	0.0	2.0	7.0	0.0	0.0	0.0
17	0.0	0.0	0.0	5.0	4.0	2.0	0.0	1.0	2.0	4.0	0.0	0.0
18	0.0	0.0	5.0	0.0	10.0	2.0	2.0	30.0	0.0	8.0	3.0	0.0
19	0.0	0.0	3.0	15.0	0.0	0.0	0.0	2.0	2.0	2.0	0.0	0.0
20	0.0	3.0	0.0	25.0	12.0	0.0	0.0	3.0	4.0	15.0	0.0	0.0
21	0.0	2.0	2.0	0.0	4.0	6.0	0.0	0.0	0.0	12.0	0.0	0.0
22	0.0	0.0	0.0	0.0	4.0	2.0	6.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	12.0	7.0	6.0	0.0	2.0	22.0	2.0	10.0	7.0	0.0
24	0.0	0.0	0.0	0.0	35.0	0.0	2.0	2.0	0.0	11.0	2.0	0.0
25	0.0	0.0	0.0	0.0	18.0	0.0	5.0	0.0	20.0	24.0	1.0	0.0
26	0.0	0.0	0.0	10.0	20.0	0.0	1.0	0.0	10.0	5.0	28.0	4.0
27	0.0	0.0	2.0	1.0	8.0	0.0	10.0	15.0	0.0	8.0	16.0	2.0
28	0.0	0.0	3.0	10.0	0.0	0.0	0.0	23.0	8.0	0.0	0.0	4.0
29	0.0		1.0	2.0	3.0	0.0	1.0	10.0	0.0	11.0	3.0	0.0
30	0.0		8.0	5.0	8.0	3.0	1.0	0.0	11.0	0.0	0.0	0.0
31	0.0		2.0	0.0	1.0	0.0	0.0	1.0	0.0	2.0	0.0	0.0
Total	1.0	31.0	75.0	261.0	261.0	109.0	74.0	163.0	131.0	255.0	99.0	41.0
D. Ll.	1	7	12	22	27	16	20	21	17	22	12	6

TOTALES ANUALES — 1501.0 mm. — 183 Días lluvia

ESTACION: AGUA FRIA — MUNICIPIO: CHIMA — AÑO: 1.982

ALTITUD: 1.400 — LATITUD: 6-20 N. — LONGITUD: 73-22 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	10.0	0.0	17.0	90.0	90.0						
2	0.0	15.0	0.0	13.0	40.0	40.0						
3	0.0	25.0	0.0	33.0	80.0	80.0						
4	0.0	20.0	0.0	35.0	0.0	0.0						
5	0.0	13.0	2.0	17.0	30.0	30.0						
6	0.0	5.0	0.0	15.0	13.0	13.0						
7	0.0	0.0	2.0	27.0	14.0	14.0						
8	0.0	1.0	73.0	30.0	13.0	13.0						
9	0.0	0.0	0.0	5.0	0.0	0.0						
10	0.0	2.0	0.0	2.0	0.0	0.0						
11	0.0	42.0	0.0	40.0	12.0	12.0						
12	0.0	10.0	7.0	20.0	0.0	0.0						
13	0.0	20.0	25.0	0.0	0.0	0.0						
14	0.0	40.0	0.0	10.0	5.0	5.0						
15	0.0	45.0	0.0	15.0	95.0	95.0						
16	0.0	0.0	2.0	2.0	10.0	10.0						
17	0.0	2.0	1.0	50.0	3.0	5.0						
18	0.0	0.0	17.0	0.0	40.0	40.0						
19	0.0	0.0	0.0	0.0	40.0	40.0						
20	2.0	2.0	7.0	0.0	0.0	0.0						
21	5.0	5.0	22.0	5.0	2.0	2.0						
22	0.0	0.0	4.0	20.0	0.0	0.0						
23	0.0	0.0	6.0	36.0	0.0	0.0						
24	0.0	0.0	0.0	0.0	0.0	0.0						
25	10.0	0.0	0.0	7.0	0.0	0.0						
26	2.0	0.0	10.0	25.0	0.0	0.0						
27	3.0	0.0	20.0	15.0	0.0	0.0						
28	5.0	0.0	91.0	10.0	0.0	0.0						
29	15.0		55.0	75.0	0.0	0.0						
30	20.0		10.0	0.0	0.0	0.0						
31	0.0		51.0	0.0	0.0	0.0						
Total	62.0	257.0	405.0	524.0	487.0	489.0						
D. Ll.	8	16	18	24	15	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: LOS PINOS — MUNICIPIO: OIBA — AÑO: 1.982

ALTITUD: 1.350 — LATITUD: 6-18 N. — LONGITUD: 73-17 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	5.0	20.0	0.0	14.0	15.0	0.0	0.0	7.0	0.0	13.0	8.0	3.0
2	0.0	0.0	5.0	9.0	25.0	11.0	7.0	0.0	15.0	22.0	5.0	9.0
3	0.0	0.0	0.0	11.0	13.0	3.0	1.0	0.0	8.0	10.0	11.0	6.0
4	9.0	9.0	0.0	23.0	16.0	8.0	4.0	0.0	3.0	14.0	6.0	16.0
5	3.0	0.0	10.0	42.0	12.0	12.0	0.0	6.0	0.0	9.0	2.0	0.0
6	7.0	10.0	0.0	28.0	8.0	4.0	15.0	21.0	5.0	11.0	14.0	0.0
7	0.0	0.0	5.0	15.0	3.0	40.0	5.0	5.0	11.0	18.0	0.0	13.0
8	0.0	0.0	1.0	35.0	0.0	2.0	1.0	0.0	22.0	6.0	0.0	2.0
9	0.0	0.0	4.0	25.0	2.0	8.0	0.0	7.0	6.0	25.0	12.0	4.0
10	0.0	30.0	0.0	12.0	4.0	14.0	0.0	12.0	14.0	0.0	3.0	0.0
11	1.0	0.0	0.0	19.0	30.0	6.0	0.0	1.0	22.0	18.0	0.0	0.0
12	3.0	0.0	0.0	6.0	12.0	18.0	17.0	0.0	3.0	5.0	22.0	0.0
13	0.0	0.0	0.0	22.0	0.0	4.0	3.0	0.0	9.0	11.0	7.0	0.0
14	0.0	60.0	0.0	9.0	22.0	10.0	8.0	0.0	12.0	0.0	1.0	0.0
15	0.0	27.0	0.0	30.0	13.0	22.0	2.0	3.0	3.0	7.0	5.0	0.0
16	0.0	2.0	7.0	21.0	21.0	9.0	0.0	9.0	32.0	2.0	2.0	0.0
17	0.0	0.0	0.0	4.0	13.0	0.0	0.0	0.0	22.0	0.0	6.0	0.0
18	0.0	0.0	13.0	35.0	2.0	3.0	0.0	21.0	7.0	15.0	0.0	0.0
19	0.0	6.0	8.0	15.0	8.0	9.0	6.0	13.0	0.0	8.0	0.0	0.0
20	0.0	10.0	0.0	13.0	6.0	2.0	11.0	8.0	0.0	5.0	0.0	0.0
21	0.0	0.0	0.0	10.0	15.0	13.0	21.0	0.0	0.0	30.0	11.0	0.0
22	0.0	10.0	0.0	5.0	4.0	0.0	12.0	0.0	5.0	18.0	0.0	0.0
23	0.0	3.0	0.0	20.0	9.0	0.0	3.0	0.0	13.0	10.0	0.0	0.0
24	0.0	0.0	30.0	8.0	30.0	5.0	0.0	3.0	8.0	22.0	0.0	0.0
25	0.0	0.0	11.0	15.0	10.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0
26	2.0	1.0	5.0	7.0	18.0	0.0	4.0	0.0	0.0	2.0	15.0	0.0
27	0.0	0.0	25.0	21.0	4.0	0.0	26.0	0.0	22.0	6.0	6.0	0.0
28	0.0	4.0	1.0	30.0	3.0	0.0	0.0	0.0	14.0	11.0	1.0	0.0
29	0.0	0.0	19.0	9.0	30.0	0.0	0.0	0.0	8.0	5.0	0.0	0.0
30	0.0	0.0	3.0	40.0	9.0	2.0	0.0	0.0	40.0	9.0	10.0	0.0
31	0.0	0.0	28.0	0.0	20.0	0.0	3.0	4.0	0.0	15.0	0.0	0.0
Total	30.0	192.0	175.0	553.0	377.0	205.0	149.0	120.0	304.0	341.0	147.0	53.0
D. LL	7	13	16	30	29	21	18	14	23	28	19	7

TOTALES ANUALES 2646.0 mm. — 225 Días lluvia

ESTACION: VILLANUEVA — MUNICIPIO: CHARALA — AÑO: 1.982

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	64.0	0.0	72.0	0.0	2.0	0.0	0.0	4.0	0.0	10.0	38.0
2	46.0	2.0	0.0	32.0	22.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
3	0.0	6.0	0.0	24.0	10.0	60.0	0.0	24.0	35.0	8.0	0.0	48.0
4	0.0	6.0	0.0	38.0	18.0	0.0	0.0	0.0	0.0	36.0	20.0	0.0
5	98.0	12.0	0.0	16.0	42.0	22.0	6.0	0.0	6.0	0.0	20.0	0.0
6	0.0	20.0	0.0	0.0	2.0	0.0	56.0	0.0	0.0	14.0	20.0	22.0
7	2.0	0.0	0.0	62.0	12.0	4.0	0.0	0.0	8.0	28.0	6.0	0.0
8	0.0	6.0	8.0	88.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	35.0
9	0.0	0.0	0.0	4.0	4.0	0.0	0.0	36.0	0.0	34.0	18.0	0.0
10	8.0	0.0	0.0	0.0	6.0	8.0	0.0	0.0	2.0	26.0	0.0	0.0
11	0.0	0.0	36.0	18.0	8.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
12	0.0	0.0	0.0	2.0	12.0	15.0	0.0	0.0	2.0	38.0	10.0	0.0
13	0.0	6.0	12.0	0.0	2.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0
14	0.0	14.0	0.0	8.0	22.0	0.0	0.0	18.0	32.0	0.0	0.0	0.0
15	0.0	0.0	8.0	0.0	110.0	0.0	0.0	60.0	0.0	12.0	12.0	0.0
16	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	58.0	0.0	0.0
17	0.0	2.0	0.0	10.0	8.0	0.0	0.0	0.0	0.0	20.0	16.0	0.0
18	0.0	8.0	18.0	4.0	4.0	20.0	0.0	0.0	8.0	6.0	0.0	0.0
19	0.0	0.0	0.0	2.0	0.0	0.0	4.0	0.0	12.0	24.0	0.0	0.0
20	0.0	0.0	4.0	8.0	14.0	0.0	0.0	4.0	0.0	40.0	30.0	0.0
21	0.0	0.0	6.0	18.0	0.0	4.0	0.0	0.0	4.0	8.0	0.0	18.0
22	0.0	0.0	0.0	22.0	6.0	0.0	0.0	0.0	4.0	30.0	0.0	0.0
23	0.0	0.0	2.0	6.0	0.0	0.0	0.0	0.0	0.0	16.0	10.0	0.0
24	0.0	0.0	4.0	42.0	75.0	6.0	12.0	0.0	2.0	58.0	0.0	0.0
25	0.0	10.0	30.0	6.0	35.0	0.0	0.0	0.0	18.0	12.0	18.0	0.0
26	60.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	4.0	8.0	0.0	0.0
27	0.0	12.0	18.0	44.0	60.0	0.0	0.0	18.0	8.0	0.0	4.0	0.0
28	62.0	0.0	38.0	20.0	28.0	4.0	0.0	0.0	6.0	18.0	0.0	0.0
29	48.0		0.0	10.0	20.0	0.0	4.0	6.0	2.0	46.0	0.0	0.0
30	0.0		36.0	8.0	0.0	0.0	16.0	12.0	4.0	0.0	0.0	0.0
31	0.0		0.0	0.0	20.0	0.0	4.0	0.0	0.0	12.0	0.0	0.0
Total	324.0	168.0	220.0	576.0	552.0	145.0	106.0	178.0	161.0	582.0	198.0	161.0
D. LL	7	13	13	25	24	10	8	8	18	24	14	5

TOTALES ANUALES 3371.0 mm. — 169 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: 1.982

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	20.0	10.0	0.0	0.0	10.0	0.0	20.0	30.0	0.0	10.0	0.0	10.0
2	30.0	8.0	5.0	10.0	30.0	0.0	5.0	0.0	0.0	30.0	0.0	0.0
3	40.0	0.0	3.0	15.0	15.0	0.0	4.0	5.0	0.0	10.0	0.0	5.0
4	0.0	10.0	0.0	20.0	0.0	10.0	10.0	10.0	10.0	15.0	0.0	3.0
5	0.0	0.0	4.0	10.0	20.0	20.0	2.0	30.0	5.0	20.0	0.0	10.0
6	0.0	0.0	7.0	0.0	30.0	25.0	0.0	20.0	15.0	40.0	0.0	5.0
7	0.0	8.0	0.0	7.0	5.0	5.0	2.0	4.0	20.0	25.0	0.0	0.0
8	0.0	5.0	0.0	30.0	10.0	10.0	3.0	0.0	12.0	5.0	0.0	0.0
9	0.0	0.0	0.0	20.0	15.0	25.0	5.0	0.0	14.0	10.0	0.0	0.0
10	0.0	0.0	0.0	10.0	30.0	24.0	0.0	0.0	0.0	20.0	0.0	0.0
11	0.0	0.0	0.0	30.0	5.0	10.0	0.0	0.0	30.0	25.0	10.0	0.0
12	0.0	0.0	0.0	5.0	0.0	15.0	0.0	0.0	2.0	30.0	0.0	10.0
13	0.0	5.0	5.0	15.0	10.0	5.0	10.0	5.0	0.0	5.0	0.0	0.0
14	0.0	0.0	0.0	12.0	15.0	0.0	15.0	0.0	13.0	40.0	0.0	0.0
15	0.0	15.0	10.0	3.0	20.0	0.0	3.0	12.0	6.0	10.0	0.0	0.0
16	0.0	5.0	0.0	5.0	30.0	0.0	4.0	5.0	30.0	15.0	10.0	0.0
17	0.0	10.0	0.0	10.0	40.0	20.0	8.0	3.0	10.0	10.0	0.0	0.0
18	0.0	0.0	0.0	0.0	35.0	30.0	0.0	10.0	5.0	20.0	0.0	0.0
19	0.0	0.0	0.0	15.0	40.0	5.0	4.0	4.0	8.0	15.0	12.0	5.0
20	0.0	12.0	10.0	20.0	15.0	10.0	5.0	0.0	15.0	10.0	0.0	0.0
21	0.0	15.0	15.0	0.0	20.0	5.0	10.0	0.0	20.0	20.0	10.0	0.0
22	0.0	10.0	0.0	12.0	30.0	12.0	0.0	0.0	18.0	23.0	15.0	0.0
23	0.0	0.0	0.0	5.0	35.0	0.0	2.0	0.0	5.0	10.0	5.0	0.0
24	0.0	5.0	0.0	3.0	25.0	0.0	11.0	0.0	10.0	5.0	12.0	0.0
25	0.0	15.0	0.0	20.0	40.0	0.0	15.0	10.0	0.0	10.0	0.0	0.0
26	0.0	0.0	0.0	8.0	20.0	0.0	5.0	15.0	30.0	3.0	8.0	0.0
27	0.0	10.0	0.0	2.0	30.0	0.0	20.0	11.0	0.0	15.0	18.0	0.0
28	0.0	0.0	20.0	50.0	10.0	5.0	30.0	17.0	20.0	2.0	10.0	10.0
29	0.0	0.0	30.0	40.0	15.0	10.0	0.0	0.0	10.0	0.0	20.0	0.0
30	0.0	0.0	0.0	20.0	40.0	3.0	4.0	10.0	5.0	0.0	5.0	0.0
31	0.0	0.0	5.0	0.0	3.0	0.0	10.0	5.0	0.0	0.0	0.0	0.0
Total	90.0	143.0	114.0	397.0	643.0	249.0	207.0	206.0	313.0	453.0	135.0	58.0
D. Ll.	3	15	11	26	29	19	24	18	23	28	12	8

TOTALES ANUALES 3008.0 mm. 216 Días lluvia

ESTACION: EL RECREO MUNICIPIO: SUAITA AÑO: 1.982

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	30.0	0.0	3.0	0.0	21.0	16.0	42.0	3.0
2	45.0	30.0	0.0	20.0	5.0	0.0	0.0	0.0	36.0	25.0	18.0	5.0
3	10.0	2.0	0.0	0.0	10.0	0.0	7.0	0.0	0.0	30.0	0.0	30.0
4	4.0	0.0	0.0	8.0	0.0	7.0	8.0	6.0	60.0	20.0	0.0	0.0
5	12.0	0.0	0.0	22.0	20.0	30.0	5.0	0.0	0.0	10.0	0.0	0.0
6	0.0	0.0	0.0	4.0	92.0	0.0	0.0	0.0	0.0	5.0	0.0	30.0
7	0.0	0.0	0.0	0.0	35.0	7.0	15.0	8.0	18.0	28.0	0.0	25.0
8	0.0	0.0	0.0	18.0	3.0	18.0	0.0	0.0	15.0	45.0	0.0	10.0
9	0.0	0.0	0.0	20.0	0.0	16.0	40.0	0.0	23.0	38.0	24.0	8.0
10	7.0	0.0	0.0	40.0	10.0	13.0	0.0	0.0	10.0	15.0	10.0	0.0
11	9.0	0.0	0.0	30.0	8.0	22.0	10.0	4.0	62.0	3.0	27.0	0.0
12	0.0	16.0	8.0	10.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	20.0	16.0	0.0	0.0	0.0	48.0	0.0	0.0	14.0
14	8.0	10.0	0.0	5.0	22.0	0.0	0.0	0.0	58.0	58.0	0.0	18.0
15	0.0	8.0	6.0	12.0	18.0	0.0	0.0	0.0	42.0	42.0	0.0	0.0
16	0.0	5.0	0.0	15.0	0.0	30.0	8.0	0.0	0.0	13.0	3.0	0.0
17	0.0	0.0	10.0	8.0	46.0	10.0	0.0	0.0	0.0	8.0	12.0	7.0
18	0.0	0.0	0.0	0.0	20.0	15.0	0.0	17.0	39.0	34.0	43.0	0.0
19	0.0	12.0	10.0	0.0	30.0	0.0	0.0	0.0	0.0	27.0	9.0	0.0
20	0.0	18.0	5.0	0.0	48.0	8.0	14.0	0.0	36.0	42.0	0.0	4.0
21	0.0	5.0	50.0	0.0	45.0	0.0	16.0	0.0	0.0	35.0	0.0	9.0
22	0.0	0.0	0.0	2.0	49.0	0.0	0.0	0.0	0.0	28.0	0.0	11.0
23	0.0	0.0	0.0	0.0	18.0	0.0	15.0	28.0	0.0	60.0	10.0	0.0
24	0.0	40.0	0.0	3.0	20.0	0.0	0.0	0.0	41.0	15.0	37.0	0.0
25	0.0	10.0	0.0	5.0	38.0	0.0	4.0	0.0	10.0	55.0	15.0	14.0
26	0.0	0.0	7.0	66.0	16.0	0.0	0.0	0.0	0.0	0.0	30.0	6.0
27	0.0	17.0	0.0	10.0	20.0	0.0	18.0	4.0	2.0	25.0	0.0	5.0
28	40.0	0.0	34.0	3.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		55.0	0.0	8.0	0.0	20.0	40.0	0.0	10.0	2.0	0.0
30	10.0		0.0	0.0	9.0	5.0	0.0	28.0	80.0	19.0	0.0	0.0
31	0.0		10.0	0.0	20.0	0.0	0.0	30.0	0.0	32.0	0.0	0.0
Total	145.0	173.0	195.0	321.0	670.0	181.0	183.0	175.0	601.0	738.0	282.0	199.0
D. Ll.	9	12	10	20	27	12	14	10	17	27	14	16

TOTALES ANUALES 3863.0 mm. 188 Días lluvia

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

ESTACION: CITE — MUNICIPIO: BARBOSA — AÑO: 1.982

ALTITUD: 1.600 — LATITUD: 5-59 N. — LONGITUD: 73-26 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	5.0	65.0	15.0	0.0	0.0	1.0	0.0	12.0	0.0	8.0
2	0.0	0.0	0.0	0.0	12.0	5.0	1.0	0.0	0.0	8.0	2.0	7.0
3	0.0	0.0	0.0	28.0	20.0	0.0	2.0	2.0	0.0	10.0	4.0	5.0
4	0.0	0.0	0.0	20.0	10.0	0.0	3.0	5.0	0.0	9.0	3.0	4.0
5	0.0	0.0	0.0	30.0	5.0	20.0	0.0	4.0	35.0	11.0	0.0	2.0
6	0.0	20.0	0.0	40.0	15.0	0.0	35.0	10.0	0.0	10.0	0.0	20.0
7	0.0	12.0	0.0	10.0	0.0	0.0	0.0	3.0	0.0	20.0	10.0	10.0
8	0.0	13.0	0.0	28.0	0.0	0.0	0.0	2.0	3.0	1.0	5.0	0.0
9	0.0	0.0	0.0	26.0	10.0	0.0	0.0	0.0	3.0	2.0	4.0	0.0
10	0.0	2.0	0.0	2.0	5.0	0.0	0.0	0.0	20.0	10.0	10.0	0.0
11	0.0	8.0	5.0	0.0	4.0	0.0	0.0	0.0	10.0	12.0	8.0	0.0
12	0.0	10.0	20.0	0.0	2.0	0.0	0.0	0.0	8.0	15.0	10.0	0.0
13	0.0	11.0	70.0	4.0	3.0	0.0	0.0	0.0	10.0	30.0	8.0	0.0
14	0.0	0.0	2.0	5.0	2.0	0.0	0.0	0.0	7.0	20.0	20.0	0.0
15	0.0	0.0	3.0	4.0	5.0	0.0	0.0	0.0	12.0	10.0	15.0	0.0
16	0.0	0.0	1.0	3.0	10.0	3.0	0.0	0.0	8.0	12.0	20.0	0.0
17	0.0	0.0	4.0	2.0	11.0	0.0	0.0	0.0	6.0	8.0	10.0	0.0
18	0.0	0.0	10.0	0.0	10.0	1.0	0.0	0.0	13.0	5.0	4.0	0.0
19	0.0	0.0	2.0	11.0	15.0	0.0	0.0	0.0	5.0	4.0	6.0	0.0
20	0.0	0.0	5.0	12.0	25.0	0.0	0.0	0.0	0.0	10.0	2.0	0.0
21	0.0	0.0	3.0	0.0	0.0	2.0	0.0	0.0	8.0	12.0	0.0	0.0
22	0.0	0.0	8.0	4.0	0.0	5.0	0.0	0.0	10.0	0.0	0.0	5.0
23	0.0	0.0	5.0	0.0	0.0	4.0	2.0	0.0	10.0	10.0	0.0	0.0
24	0.0	0.0	6.0	7.0	0.0	5.0	0.0	0.0	14.0	12.0	11.0	0.0
25	0.0	0.0	0.0	0.0	0.0	1.0	4.0	0.0	15.0	0.0	12.0	10.0
26	0.0	5.0	0.0	10.0	0.0	4.0	5.0	0.0	0.0	10.0	10.0	12.0
27	0.0	0.0	0.0	4.0	0.0	10.0	0.0	0.0	70.0	0.0	12.0	10.0
28	0.0	0.0	2.0	5.0	0.0	8.0	2.0	5.0	10.0	10.0	0.0	20.0
29	0.0	0.0	14.0	5.0	2.0	8.0	1.0	0.0	20.0	5.0	5.0	15.0
30	2.0	0.0	1.0	10.0	1.0	4.0	0.0	0.0	10.0	0.0	10.0	8.0
31	0.0	0.0	1.0	0.0	10.0	0.0	2.0	20.0	0.0	0.0	0.0	0.0
Total	2.0	81.0	167.0	335.0	192.0	80.0	57.0	52.0	307.0	278.0	201.0	136.0
D. Ll.	1	8	19	23	21	14	10	9	22	26	23	14

TOTALES ANUALES — 1888.0 mm. — 190 Días lluvia

ESTACION: BUENAVISTA — MUNICIPIO: BARBOSA — AÑO: 1.982

ALTITUD: 1.850 — LATITUD: 5-59 N. — LONGITUD: 73-39 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	12.0	8.0	0.0	17.0	35.0	0.0	0.0	0.0	0.0	7.0	5.0	0.0
2	6.0	0.0	0.0	3.0	45.0	5.0	0.0	0.0	0.0	4.0	4.0	4.0
3	0.0	0.0	0.0	10.0	15.0	0.0	0.0	0.0	3.0	8.0	0.0	0.0
4	0.0	0.0	0.0	6.0	12.0	0.0	6.0	0.0	10.0	2.0	0.0	0.0
5	0.0	0.0	0.0	11.0	18.0	0.0	0.0	0.0	0.0	3.0	6.0	0.0
6	0.0	0.0	0.0	15.0	30.0	0.0	3.0	0.0	7.0	15.0	3.0	0.0
7	0.0	5.0	0.0	40.0	19.0	11.0	0.0	0.0	0.0	17.0	20.0	0.0
8	0.0	3.0	0.0	18.0	10.0	7.0	0.0	4.0	0.0	31.0	0.0	8.0
9	0.0	0.0	0.0	30.0	8.0	0.0	4.0	0.0	0.0	38.0	32.0	6.0
10	0.0	13.0	0.0	10.0	16.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0
11	0.0	6.0	0.0	15.0	7.0	5.0	0.0	0.0	0.0	0.0	4.0	0.0
12	0.0	0.0	0.0	7.0	13.0	3.0	10.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	10.0	10.0	25.0	0.0	13.0	0.0	0.0	12.0	0.0	0.0
14	0.0	10.0	13.0	7.0	11.0	0.0	0.0	0.0	15.0	25.0	5.0	0.0
15	0.0	8.0	12.0	3.0	36.0	0.0	0.0	0.0	11.0	0.0	6.0	0.0
16	0.0	15.0	35.0	6.0	18.0	0.0	0.0	0.0	0.0	6.0	6.0	0.0
17	0.0	0.0	8.0	10.0	12.0	0.0	0.0	6.0	0.0	5.0	3.0	0.0
18	0.0	0.0	22.0	18.0	6.0	12.0	0.0	0.0	0.0	28.0	7.0	0.0
19	0.0	0.0	10.0	25.0	10.0	8.0	15.0	0.0	13.0	0.0	24.0	0.0
20	0.0	0.0	0.0	27.0	14.0	0.0	0.0	0.0	6.0	70.0	0.0	0.0
21	0.0	0.0	0.0	30.0	12.0	0.0	0.0	0.0	17.0	5.0	0.0	0.0
22	0.0	0.0	6.0	11.0	35.0	0.0	0.0	0.0	4.0	17.0	0.0	0.0
23	0.0	0.0	0.0	19.0	26.0	6.0	0.0	0.0	15.0	13.0	25.0	0.0
24	0.0	0.0	0.0	7.0	50.0	13.0	0.0	0.0	9.0	3.0	4.0	0.0
25	0.0	0.0	7.0	12.0	30.0	10.0	0.0	0.0	0.0	0.0	5.0	3.0
26	0.0	0.0	10.0	13.0	16.0	0.0	0.0	0.0	0.0	0.0	10.0	8.0
27	0.0	0.0	18.0	26.0	11.0	0.0	6.0	0.0	30.0	2.0	12.0	0.0
28	0.0	0.0	6.0	22.0	9.0	0.0	8.0	0.0	46.0	0.0	0.0	0.0
29	0.0		10.0	4.0	47.0	0.0	9.0	0.0	18.0	3.0	0.0	0.0
30	0.0		12.0	20.0	10.0	0.0	0.0	0.0	10.0	4.0	0.0	0.0
31	12.0		10.0	0.0	0.0	0.0	0.0	6.0	0.0	3.0	0.0	0.0
Total	30.0	68.0	189.0	452.0	606.0	80.0	74.0	16.0	214.0	321.0	191.0	39.0
D. Ll.	3	8	15	30	30	10	9	3	15	23	19	6

TOTALES ANUALES — 2280.0 mm. — 171 Días lluvia

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

ESTACION: LA CUMBRE — MUNICIPIO: PUENTE NACIONAL — AÑO: 1.982

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	13.0	28.0	0.0	23.0	20.0	0.0	0.0	0.0	0.0	3.0	43.0	14.0
2	0.0	1.0	0.0	17.0	3.0	0.0	0.0	0.0	0.0	6.0	31.0	5.0
3	3.0	0.0	0.0	2.0	50.0	0.0	0.0	0.0	0.0	30.0	3.0	0.0
4	23.0	4.0	0.0	45.0	47.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
5	0.0	10.0	0.0	13.0	23.0	0.0	14.0	0.0	0.0	22.0	0.0	5.0
6	6.0	21.0	0.0	15.0	9.0	30.0	10.0	0.0	0.0	10.0	0.0	0.0
7	0.0	18.0	0.0	6.0	2.0	10.0	4.0	0.0	0.0	23.0	5.0	59.0
8	0.0	18.0	0.0	23.0	1.0	5.0	12.0	5.0	0.0	19.0	0.0	9.0
9	0.0	13.0	0.0	10.0	10.0	0.0	3.0	0.0	0.0	30.0	7.0	0.0
10	0.0	1.0	0.0	2.0	10.0	5.0	0.0	10.0	0.0	3.0	3.0	9.0
11	0.0	19.0	0.0	36.0	8.0	26.0	0.0	0.0	5.0	0.0	0.0	8.0
12	0.0	7.0	0.0	3.0	0.0	35.0	0.0	0.0	0.0	16.0	9.0	0.0
13	0.0	10.0	15.0	0.0	2.0	0.0	0.0	0.0	10.0	1.0	13.0	0.0
14	4.0	30.0	0.0	2.0	1.0	0.0	4.0	0.0	0.0	27.0	2.0	0.0
15	1.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	65.0	6.0	6.0	0.0
16	0.0	4.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
17	0.0	0.0	0.0	4.0	8.0	0.0	0.0	0.0	10.0	7.0	4.0	0.0
18	0.0	2.0	0.0	0.0	20.0	0.0	0.0	0.0	12.0	19.0	1.0	0.0
19	0.0	5.0	0.0	19.0	10.0	7.0	0.0	3.0	2.0	3.0	4.0	0.0
20	0.0	4.0	33.0	0.0	3.0	0.0	12.0	0.0	0.0	56.0	3.0	0.0
21	0.0	0.0	13.0	3.0	40.0	0.0	0.0	0.0	2.0	19.0	28.0	0.0
22	0.0	2.0	6.0	37.0	15.0	6.0	3.0	1.0	0.0	43.0	24.0	0.0
23	0.0	0.0	20.0	5.0	10.0	0.0	0.0	0.0	12.0	13.0	20.0	8.0
24	0.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
25	0.0	4.0	4.0	30.0	10.0	0.0	2.0	2.0	12.0	0.0	1.0	0.0
26	15.0	0.0	0.0	24.0	12.0	6.0	2.0	0.0	3.0	2.0	21.0	5.0
27	0.0	0.0	0.0	6.0	8.0	0.0	0.0	5.0	55.0	25.0	9.0	11.0
28	0.0	0.0	0.0	12.0	13.0	0.0	0.0	0.0	3.0	3.0	0.0	4.0
29	6.0		9.0	20.0	14.0	0.0	0.0	0.0	0.0	3.0	0.0	2.0
30	5.0		2.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	13.0	0.0
31	13.0		2.0	0.0	0.0	0.0	4.0	1.0	0.0	8.0	0.0	0.0
Total	89.0	201.0	104.0	357.0	400.0	140.0	70.0	27.0	191.0	410.0	250.0	140.0
D. LL.	10	19	9	23	28	10	11	7	12	27	21	13

TOTALES ANUALES — 2379.0 mm. — 190 Días lluvia

ESTACION: EL DANUBIO — MUNICIPIO: LANDAZURI — AÑO: 1.982

ALTITUD: 1.100 — LATITUD: 6-13 N. — LONGITUD: 73-48 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	4.0	0.0	0.0	0.0	70.0	0.0	6.0	0.0	0.0	0.0	150.0	0.0
2	0.0	0.0	28.0	28.0	0.0	26.0	14.0	13.0	0.0	9.0	18.0	0.0
3	0.0	6.0	4.0	30.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	3.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	8.0	18.0	0.0	0.0
5	4.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	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	3.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	22.0	40.0	18.0	33.0	0.0	39.0	0.0	0.0
8	0.0	0.0	18.0	0.0	0.0	0.0	30.0	0.0	5.0	8.0	0.0	0.0
9	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0	0.0
10	0.0	2.0	0.0	37.0	0.0	12.0	0.0	0.0	0.0	6.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	64.0	68.0	0.0	9.0	19.0	0.0	0.0
12	0.0	15.0	0.0	0.0	0.0	0.0	19.0	10.0	0.0	3.0	0.0	0.0
13	0.0	0.0	14.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	10.0	0.0	0.0
15	0.0	0.0	0.0	0.0	6.0	0.0	0.0	8.0	31.0	0.0	0.0	0.0
16	0.0	0.0	0.0	18.0	0.0	0.0	0.0	7.0	6.0	0.0	0.0	0.0
17	0.0	0.0	0.0	45.0	25.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	15.0	0.0	0.0	3.0	2.0	0.0	0.0	0.0
19	0.0	43.0	18.0	0.0	17.0	0.0	0.0	0.0	0.0	27.0	0.0	60.0
20	0.0	0.0	0.0	7.0	17.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0
21	0.0	0.0	4.0	0.0	14.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	2.0	0.0	12.0	13.0	0.0	0.0	2.0	0.0	0.0	3.0
23	0.0	0.0	38.0	0.0	0.0	0.0	0.0	21.0	5.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	14.0	0.0	0.0	6.0	20.0	8.0	20.0	16.0
25	0.0	0.0	0.0	0.0	30.0	0.0	30.0	4.0	20.0	17.0	0.0	0.0
26	0.0	0.0	0.0	15.0	12.0	0.0	20.0	0.0	0.0	0.0	20.0	0.0
27	0.0	0.0	0.0	6.0	0.0	0.0	15.0	3.0	9.0	0.0	20.0	0.0
28	10.0	2.0	22.0	4.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
29	0.0		0.0	23.0	22.0	10.0	43.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	15.0	0.0	11.0	40.0	0.0	0.0	0.0
31	0.0		2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	46.0	68.0	150.0	278.0	294.0	226.0	278.0	130.0	166.0	210.0	228.0	79.0
D. LL.	5	5	10	12	14	9	11	12	15	13	5	3

TOTALES ANUALES — 2153.0 mm. — 114 Días lluvia

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

ESTACION: PALOCABILDO — MUNICIPIO: FALAN — AÑO: 1.982
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	31.0	0.0	0.0	27.0	21.0	0.0	0.0	0.0	0.0	3.0	34.0	0.0
2	9.0	10.0	14.0	5.0	0.0	0.0	0.0	0.0	0.0	4.0	5.0	0.0
3	15.0	5.0	12.0	81.0	32.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0
4	70.0	13.0	0.0	2.0	71.0	0.0	1.0	0.0	0.0	19.0	0.0	8.0
5	24.0	0.0	3.0	61.0	1.0	0.0	0.0	6.0	0.0	0.0	3.0	16.0
6	14.0	13.0	0.0	9.0	2.0	3.0	0.0	22.0	0.0	0.0	0.0	0.0
7	8.0	3.0	0.0	0.0	29.0	1.0	26.0	0.0	12.0	7.0	10.0	48.0
8	0.0	50.0	0.0	16.0	6.0	0.0	0.0	0.0	27.0	9.0	0.0	0.0
9	0.0	19.0	0.0	22.0	17.0	16.0	0.0	0.0	0.0	34.0	0.0	1.0
10	35.0	7.0	4.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	2.0	4.0
11	2.0	4.0	33.0	63.0	0.0	29.0	0.0	0.0	45.0	0.0	19.0	1.0
12	0.0	2.0	5.0	10.0	10.0	10.0	0.0	0.0	19.0	0.0	0.0	0.0
13	0.0	7.0	23.0	0.0	2.0	2.0	0.0	0.0	12.0	44.0	0.0	6.0
14	12.0	3.0	17.0	2.0	7.0	1.0	0.0	0.0	0.0	17.0	0.0	0.0
15	16.0	10.0	7.0	0.0	0.0	0.0	0.0	8.0	25.0	0.0	0.0	0.0
16	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	40.0	12.0	6.0
17	0.0	0.0	9.0	13.0	112.0	0.0	0.0	0.0	3.0	6.0	0.0	4.0
18	0.0	6.0	2.0	12.0	0.0	0.0	0.0	0.0	1.0	25.0	0.0	12.0
19	0.0	16.0	20.0	2.0	27.0	8.0	1.0	0.0	0.0	2.0	17.0	0.0
20	13.0	29.0	0.0	50.0	28.0	0.0	0.0	0.0	0.0	3.0	3.0	0.0
21	0.0	4.0	0.0	1.0	13.0	1.0	0.0	0.0	0.0	38.0	3.0	11.0
22	0.0	31.0	0.0	16.0	9.0	0.0	0.0	0.0	0.0	11.0	1.0	0.0
23	26.0	0.0	15.0	1.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
24	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	18.0	1.0	0.0	48.0
25	0.0	1.0	0.0	0.0	16.0	0.0	0.0	0.0	3.0	4.0	7.0	0.0
26	39.0	5.0	4.0	0.0	35.0	0.0	10.0	0.0	0.0	0.0	19.0	0.0
27	0.0	22.0	0.0	32.0	4.0	0.0	13.0	0.0	51.0	3.0	10.0	9.0
28	7.0	0.0	1.0	4.0	4.0	0.0	2.0	0.0	12.0	4.0	0.0	0.0
29	0.0		14.0	33.0	6.0	0.0	0.0	0.0	14.0	2.0	6.0	0.0
30	11.0		9.0	1.0	2.0	0.0	0.0	0.0	11.0	0.0	0.0	4.0
31	8.0		2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	2.0
Total	340.0	260.0	194.0	465.0	47.0	71.0	53.0	36.0	270.0	285.0	165.0	180.0
D. LL	17	21	18	23	24	9	6	3	15	22	16	15

TOTALES ANUALES 2790.0 mm. — 189 Días lluvia

ESTACION: SEVILLA — MUNICIPIO: GUADALUPE — AÑO: 1.982
ALTITUD: 1.390 — LATITUD: 6-15 N. — LONGITUD: 73-25 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	6.0	35.0	0.0	25.0	45.0	0.0	1.0	0.0	0.0	0.0	7.0	0.0
2	0.0	0.0	0.0	35.0	20.0	0.0	0.0	6.0	0.0	6.0	12.0	20.0
3	13.0	47.0	0.0	9.0	48.0	1.0	5.0	5.0	0.0	10.0	0.0	5.0
4	32.0	13.0	0.0	57.0	35.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
5	13.0	40.0	0.0	60.0	30.0	1.0	20.0	0.0	12.0	38.0	3.0	8.0
6	56.0	0.0	0.0	12.0	23.0	12.0	1.0	5.0	0.0	37.0	25.0	0.0
7	2.0	11.0	0.0	31.0	32.0	28.0	0.0	0.0	15.0	25.0	0.0	35.0
8	0.0	1.0	10.0	1.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	52.0
9	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0
10	0.0	0.0	0.0	1.0	20.0	6.0	1.0	0.0	15.0	5.0	0.0	0.0
11	0.0	4.0	0.0	50.0	5.0	0.0	0.0	5.0	17.0	0.0	8.0	0.0
12	6.0	3.0	0.0	10.0	0.0	16.0	11.0	2.0	22.0	5.0	0.0	0.0
13	0.0	4.0	29.0	5.0	30.0	0.0	0.0	10.0	10.0	15.0	0.0	0.0
14	0.0	21.0	0.0	7.0	36.0	0.0	0.0	0.0	12.0	30.0	0.0	0.0
15	0.0	42.0	1.0	0.0	75.0	0.0	10.0	25.0	0.0	0.0	25.0	0.0
16	0.0	0.0	0.0	0.0	42.0	5.0	0.0	32.0	35.0	27.0	0.0	0.0
17	0.0	0.0	0.0	1.0	31.0	18.0	0.0	0.0	27.0	15.0	0.0	0.0
18	0.0	0.0	2.0	1.0	5.0	0.0	5.0	15.0	5.0	0.0	0.0	2.0
19	0.0	3.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	10.0	0.0	3.0
20	0.0	15.0	0.0	21.0	33.0	0.0	10.0	0.0	0.0	40.0	0.0	0.0
21	0.0	0.0	0.0	0.0	29.0	6.0	43.0	0.0	0.0	23.0	0.0	0.0
22	0.0	0.0	7.0	35.0	41.0	1.0	0.0	5.0	0.0	92.0	0.0	0.0
23	0.0	3.0	50.0	0.0	2.0	0.0	32.0	30.0	0.0	58.0	52.0	2.0
24	0.0	0.0	0.0	0.0	52.0	0.0	15.0	50.0	6.0	42.0	39.0	0.0
25	0.0	1.0	0.0	94.0	65.0	0.0	37.0	0.0	13.0	0.0	0.0	0.0
26	0.0	0.0	14.0	26.0	2.0	0.0	1.0	40.0	0.0	10.0	45.0	0.0
27	0.0	0.0	0.0	6.0	45.0	0.0	0.0	0.0	7.0	6.0	0.0	25.0
28	0.0	15.0	35.0	30.0	6.0	5.0	2.0	35.0	19.0	16.0	0.0	24.0
29	5.0		0.0	20.0	0.0	0.0	13.0	0.0	0.0	0.0	5.0	2.0
30	0.0		0.0	3.0	6.0	0.0	5.0	9.0	0.0	0.0	5.0	0.0
31	0.0		0.0	0.0	36.0	0.0	0.0	10.0	0.0	8.0	0.0	0.0
Total	133.0	258.0	148.0	546.0	794.0	104.0	222.0	284.0	215.0	518.0	271.0	178.0
D. LL	8	16	8	24	26	12	19	16	14	21	12	11

TOTALES ANUALES 3671.0 mm. — 187 Días lluvia

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

ESTACION: LA ALDEA MUNICIPIO: ROVIRA AÑO: 1.982

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

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	19.0	0.0	0.0	0.0	47.0	0.0	0.0	12.0	0.0	2.0	2.0	1.0
2	8.0	0.0	17.0	6.0	0.0	0.0	0.0	0.0	0.0	29.0	20.0	2.0
3	9.0	4.0	4.0	30.0	5.0	0.0	0.0	0.0	0.0	2.0	15.0	13.0
4	2.0	4.0	0.0	13.0	24.0	2.0	0.0	0.0	0.0	10.0	26.0	4.0
5	8.0	4.0	0.0	16.0	0.0	1.0	0.0	0.0	0.0	0.0	3.0	13.0
6	10.0	10.0	4.0	2.0	5.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
7	12.0	0.0	0.0	12.0	6.0	0.0	0.0	0.0	8.0	0.0	0.0	2.0
8	1.0	0.0	0.0	7.0	3.0	0.0	10.0	1.0	0.0	13.0	0.0	0.0
9	12.0	0.0	0.0	19.0	0.0	20.0	0.0	0.0	0.0	15.0	0.0	0.0
10	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0
11	4.0	0.0	0.0	0.0	4.0	5.0	0.0	0.0	0.0	0.0	12.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	5.0	7.0
13	0.0	11.0	13.0	0.0	1.0	13.0	0.0	0.0	0.0	1.0	4.0	0.0
14	0.0	4.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0
15	0.0	0.0	5.0	0.0	3.0	0.0	0.0	0.0	32.0	11.0	7.0	0.0
16	0.0	0.0	13.0	0.0	6.0	5.0	0.0	0.0	20.0	22.0	0.0	0.0
17	0.0	4.0	4.0	8.0	21.0	1.0	1.0	0.0	0.0	2.0	0.0	6.0
18	0.0	2.0	4.0	10.0	31.0	0.0	2.0	0.0	10.0	19.0	0.0	19.0
19	0.0	28.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	4.0
20	0.0	4.0	0.0	8.0	82.0	0.0	0.0	0.0	5.0	10.0	0.0	24.0
21	0.0	0.0	5.0	4.0	0.0	0.0	0.0	0.0	0.0	5.0	2.0	6.0
22	0.0	0.0	0.0	0.0	83.0	0.0	0.0	0.0	0.0	11.0	5.0	0.0
23	0.0	0.0	0.0	24.0	2.0	0.0	0.0	0.0	0.0	17.0	7.0	0.0
24	0.0	0.0	0.0	0.0	32.0	0.0	0.0	2.0	2.0	7.0	0.0	0.0
25	0.0	0.0	4.0	0.0	8.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
26	0.0	0.0	14.0	0.0	1.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
27	2.0	0.0	28.0	0.0	10.0	0.0	0.0	0.0	17.0	0.0	18.0	18.0
28	4.0	2.0	0.0	15.0	8.0	0.0	8.0	0.0	4.0	0.0	15.0	15.0
29	25.0		3.0	24.0	0.0	0.0	0.0	0.0	3.0	0.0	20.0	0.0
30	0.0		0.0	13.0	0.0	0.0	0.0	0.0	4.0	0.0	6.0	0.0
31	0.0		5.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
Total	116.0	77.0	123.0	228.0	399.0	47.0	22.0	15.0	128.0	208.0	172.0	134.0
D. Ll.	13	11	14	18	21	7	5	3	12	20	17	14

TOTALES ANUALES 1669.0 mm. 155 Días lluvia

ESTACION: ORISOL MUNICIPIO: VALLE DE S.JUAN AÑO: 1.982

ALTITUD: 1.500 LATITUD: 4-10 N. LONGITUD: 75-07 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	10.0	2.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
2	5.0	0.0	15.0	3.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0
3	15.0	50.0	28.0	2.0	40.0	0.0	0.0	0.0	0.0	10.0	10.0	10.5
4	0.0	2.0	0.0	0.0	20.0	2.0	0.0	0.0	0.0	34.0	0.0	10.0
5	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
6	10.0	16.0	0.0	5.0	70.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
7	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	1.0	5.5
8	4.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	6.0	6.5
9	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	12.5
10	0.0	0.0	0.0	2.0	6.0	35.0	0.0	0.0	18.0	0.0	0.0	9.0
11	0.5	5.0	0.0	4.0	20.0	20.0	0.0	0.0	10.0	0.0	7.0	6.0
12	0.0	0.0	2.0	0.0	10.0	2.0	0.0	0.0	0.0	0.0	50.0	20.0
13	0.0	50.0	0.0	0.0	30.0	9.0	0.0	0.0	9.0	8.0	2.0	0.0
14	0.0	10.0	0.0	10.0	70.0	0.0	0.0	0.0	0.0	48.0	0.0	0.0
15	0.0	0.0	3.0	0.0	50.0	2.0	0.0	0.0	20.0	8.0	1.0	10.5
16	0.0	5.0	20.0	5.0	7.0	0.0	0.0	0.0	23.0	10.0	0.0	1.5
17	0.0	10.0	10.0	6.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	4.5
18	0.0	5.0	0.0	8.0	20.0	0.0	0.0	0.0	2.0	13.0	0.0	2.6
19	0.0	2.0	0.0	9.0	10.0	25.0	0.0	0.0	0.0	1.0	32.0	6.6
20	0.0	2.0	0.0	5.0	12.0	0.0	0.0	0.0	0.0	39.0	6.0	0.0
21	0.0	0.0	0.0	8.0	30.0	2.0	0.0	0.0	0.0	0.0	2.0	4.5
22	0.0	2.0	0.0	6.0	80.0	10.0	0.0	0.0	0.0	50.0	0.0	0.0
23	0.0	0.0	20.0	0.0	50.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0
24	0.0	0.0	2.0	7.0	25.0	0.0	0.0	0.0	20.0	4.0	0.0	1.5
25	6.0	3.0	2.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	2.0	5.0	0.0	20.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	1.0	3.0	20.0	0.0	15.0	0.0	0.0	0.0	50.0	0.0	0.0	3.2
28	7.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	10.0	0.0
29	0.5		4.0	25.0	0.0	0.0	0.0	0.0	20.0	0.0	10.5	3.5
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	77.0	172.0	136.5	140.0	626.0	107.0	0.0	0.0	183.0	381.0	155.5	118.4
D. Ll.	13	16	14	18	20	9	0	0	10	16	15	17

TOTALES ANUALES 2096.4 mm. 148 Días lluvia

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

ESTACION: LA GRANJA — MUNICIPIO: MELGAR — AÑO: 1.982

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	13.0	0.0	45.0	0.0	2.0	0.0	0.0	0.0	0.0	3.0
2	0.0	0.0	88.0	0.0	0.0	0.0	0.0	2.0	0.0	17.0	58.0	0.0
3	110.0	63.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	13.0
4	15.0	0.0	0.0	52.0	57.0	0.0	2.5	0.0	0.0	5.0	0.0	0.0
5	10.0	0.0	36.0	13.0	0.0	0.0	4.0	0.0	0.0	0.0	7.0	0.0
6	0.0	34.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	30.0	0.0	0.0	0.0	30.0	4.0	0.0	0.0	0.0	59.0	22.0	0.0
8	0.0	0.0	0.0	38.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0	10.0
10	0.0	85.0	0.0	41.0	0.0	0.0	0.0	0.0	3.0	0.0	6.0	0.0
11	0.0	18.0	10.0	0.0	0.0	25.0	0.0	0.0	8.0	0.0	29.0	0.0
12	0.0	0.0	0.0	10.0	0.0	0.0	1.0	0.0	0.0	3.0	59.0	56.0
13	0.0	62.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	9.0	0.0	0.0
14	0.0	0.0	4.0	0.0	66.0	5.0	0.0	0.0	0.0	30.0	0.0	13.0
15	0.0	62.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	10.0
16	0.0	0.0	0.0	53.0	4.0	0.0	0.0	0.0	0.0	15.0	0.0	36.0
17	0.0	9.0	0.0	15.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
18	0.0	0.0	21.0	0.0	29.0	0.0	1.0	1.0	13.5	13.0	0.0	38.0
19	0.0	0.0	13.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	14.0
20	0.0	0.0	0.0	23.0	58.0	0.0	0.0	0.0	0.0	55.0	40.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	15.0	0.0
22	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0
24	0.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
25	10.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	2.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	2.0	0.0	0.0	8.0
27	17.0	0.0	0.0	50.0	0.0	0.0	1.0	0.0	6.0	3.0	20.0	59.0
28	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	39.0	0.0
30	0.0		0.0	0.0	10.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
31	0.0		10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	194.0	333.0	251.0	340.0	347.0	34.0	14.5	3.0	45.5	288.0	336.0	260.0
D. LL	7	7	10	11	12	3	9	2	7	14	15	11

TOTALES ANUALES — 2446.0 mm. — 108 Días lluvia

ESTACION: LA MESETA — MUNICIPIO: SAN ANTONIO — AÑO: 1.982

ALTITUD: 1.600 — LATITUD: 3-55 N. — LONGITUD: 75-29 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	19.0	2.0	16.0	4.0	40.0	0.0	0.0	0.0	0.0	50.0	18.0	0.0
2	18.0	6.0	2.0	28.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0
3	2.0	2.0	18.0	38.0	42.0	4.0	0.0	0.0	0.0	20.0	0.0	6.0
4	12.0	2.0	2.0	10.0	2.0	0.0	0.0	0.0	2.0	0.0	12.0	10.0
5	16.0	6.0	2.0	20.0	4.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
6	10.0	10.0	2.0	4.0	0.0	0.0	0.0	6.0	2.0	0.0	0.0	0.0
7	2.0	6.0	0.0	6.0	4.0	0.0	10.0	0.0	0.0	4.0	0.0	2.0
8	0.0	6.0	2.0	18.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0
9	2.0	2.0	10.0	38.0	6.0	0.0	0.0	0.0	42.0	12.0	2.0	8.0
10	2.0	2.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	12.0	4.0
11	2.0	14.0	0.0	10.0	0.0	12.0	0.0	0.0	0.0	0.0	2.0	0.0
12	0.0	26.0	6.0	0.0	0.0	8.0	0.0	0.0	0.0	2.0	28.0	0.0
13	0.0	2.0	0.0	2.0	12.0	0.0	0.0	2.0	0.0	46.0	0.0	0.0
14	0.0	2.0	4.0	0.0	4.0	0.0	0.0	0.0	0.0	16.0	8.0	0.0
15	0.0	0.0	6.0	38.0	36.0	2.0	0.0	0.0	24.0	30.0	4.0	34.0
16	0.0	4.0	4.0	0.0	10.0	0.0	0.0	0.0	4.0	4.0	0.0	12.0
17	0.0	12.0	0.0	4.0	50.0	0.0	4.0	0.0	26.0	12.0	0.0	6.0
18	0.0	4.0	0.0	50.0	2.0	0.0	0.0	0.0	0.0	24.0	0.0	4.0
19	0.0	2.0	0.0	12.0	54.0	4.0	0.0	0.0	0.0	2.0	4.0	6.0
20	0.0	6.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0
21	0.0	6.0	0.0	0.0	53.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
22	0.0	2.0	2.0	4.0	10.0	0.0	0.0	0.0	6.0	26.0	4.0	0.0
23	0.0	0.0	2.0	0.0	6.0	0.0	0.0	0.0	18.0	2.0	4.0	6.0
24	0.0	2.0	2.0	2.0	8.0	0.0	0.0	0.0	0.0	4.0	0.0	4.0
25	0.0	0.0	4.0	0.0	6.0	0.0	4.0	0.0	20.0	2.0	0.0	0.0
26	28.0	2.0	16.0	0.0	6.0	0.0	0.0	2.0	28.0	0.0	6.0	4.0
27	2.0	0.0	2.0	48.0	2.0	0.0	26.0	0.0	18.0	6.0	4.0	6.0
28	16.0	0.0	0.0	6.0	0.0	2.0	4.0	0.0	0.0	0.0	20.0	0.0
29	0.0		2.0	14.0	2.0	0.0	4.0	0.0	0.0	2.0	30.0	0.0
30	8.0		28.0	12.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0
31	4.0		2.0	0.0	0.0	0.0	2.0	2.0	0.0	2.0	0.0	0.0
Total	143.0	128.0	134.0	374.0	359.0	52.0	58.0	12.0	190.0	284.0	174.0	114.0
D. LL.	15	23	21	22	21	8	8	4	11	22	17	15

TOTALES ANUALES — 2022.0 mm. — 187 Días lluvia

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

ESTACION: EL OCASO — MUNICIPIO: DOLORES — AÑO: 1.982
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	5.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	2.0
2	0.0	0.0	48.0	0.0	0.0	0.0	0.0	0.0	0.0	48.0	34.0	0.0
3	45.0	0.0	18.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
4	50.0	33.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	8.0	0.0	39.0
5	20.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	37.0
6	0.0	20.0	10.0	50.0	0.0	0.0	0.0	1.0	0.0	0.0	38.0	0.0
7	0.0	0.0	40.0	8.0	18.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
8	0.0	0.0	7.0	4.0	0.0	0.0	4.0	0.0	0.0	12.0	7.0	10.0
9	0.0	0.0	9.0	10.0	0.0	0.0	0.0	0.0	0.0	68.0	0.0	0.0
10	50.0	0.0	14.0	14.0	0.0	0.0	0.0	0.0	0.0	12.0	3.0	0.0
11	0.0	10.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	52.0	0.0
12	0.0	16.0	0.0	18.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	9.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	15.0
14	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
15	0.0	10.0	6.0	0.0	0.0	0.0	0.0	1.0	4.0	6.0	0.0	0.0
16	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	6.0
17	0.0	50.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
18	0.0	22.0	0.0	22.0	42.0	0.0	0.0	0.0	4.0	0.0	0.0	2.0
19	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0	6.0
20	6.0	0.0	44.0	0.0	50.0	6.0	0.0	0.0	2.0	52.0	0.0	8.0
21	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	50.0	16.0	0.0
22	0.0	26.0	0.0	6.0	1.0	0.0	0.0	0.0	2.0	8.0	0.0	10.0
23	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	38.0	30.0	0.0
24	20.0	0.0	0.0	8.0	19.0	0.0	0.0	0.0	0.0	48.0	0.0	0.0
25	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	11.0	4.0
26	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0
27	9.0	18.0	8.0	0.0	66.0	0.0	6.0	0.0	16.0	0.0	28.0	0.0
28	44.0	0.0	14.0	0.0	4.0	0.0	2.0	0.0	3.0	0.0	0.0	0.0
29	0.0		0.0	50.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	6.0
30	40.0		0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	4.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
												0.0
Total	339.0	219.0	240.0	246.0	227.0	28.0	12.0	2.0	77.0	418.0	244.0	168.0
D. LL	11	10	13	14	11	3	3	2	10	15	11	15

TOTALES ANUALES — 2220.0 mm. — 118 Días lluvia

ESTACION: LA CIMARRONA — MUNICIPIO: FRESNO — AÑO: 1.982
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	0.5	0.0	2.5	19.0		0.0	0.0	0.0	0.0	0.0	2.0	0.0
2	0.0	16.0	39.0	19.5		0.0	0.0	0.0	0.0	0.0	4.0	0.0
3	3.0	0.0	26.0	1.0		0.0	0.0	0.0	0.0	0.0	8.0	0.5
4	15.5	6.5	0.0	0.0		0.0	0.0	0.0	0.0	22.0	8.0	0.0
5	0.0	0.0	16.0	2.5		0.0	0.0	12.0	0.0	0.0	0.0	51.0
6	8.0	0.0	0.0	12.0		0.0	0.0	12.0	0.0	0.0	6.0	0.0
7	0.0	14.0	0.0	0.5		0.0	0.0	6.0	12.0	38.0	0.0	31.5
8	0.0	0.0	0.0	0.0		0.0	44.0	0.0	50.0	32.0	8.0	0.0
9	0.0	16.0	0.0	0.0		16.0	0.0	0.0	34.0	0.0	12.0	0.0
10	0.0	7.5	1.5	7.0		0.0	0.0	0.0	0.0	32.0	0.0	10.0
11	0.0	2.5	51.0	53.0		44.0	0.0	0.0	18.0	0.0	14.0	0.0
12	6.5	7.0	0.0	2.0		2.0	0.0	0.0	12.0	0.0	0.0	2.0
13	5.0	5.0	51.0	9.5		0.0	0.0	6.0	0.0	50.0	0.0	0.5
14	14.0	8.5	0.0	0.0		6.0	0.0	0.0	8.0	8.0	0.0	0.0
15	4.5	25.0	0.5	0.5		0.0	0.0	20.0	32.0	0.0	1.0	0.0
16	0.0	3.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	0.0	22.0	4.0
17	0.0	0.0	6.5	13.5	7.0	0.0	0.0	0.0	0.0	50.0	5.0	1.0
18	0.0	10.0	0.0	30.0	1.0	0.0	0.0	0.0	0.0	4.0	0.0	8.5
19	0.0	13.0	0.0	6.0	38.0	8.0	6.0	0.0	0.0	2.0	0.0	0.0
20	12.0	40.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	6.0	3.0	0.5
21	0.0	3.5	1.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
22	0.0	24.0	0.0	15.0	32.0	0.0	0.0	0.0	0.0	50.0	5.0	0.0
23	3.5	2.0	2.5	3.0	6.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0
24	0.0	12.5	0.0	5.5	0.0	0.0	0.0	0.0	20.0	0.0	0.0	52.0
25	0.0	1.5	18.0	4.0	50.0	0.0	0.0	0.0	6.0	4.0	0.0	0.0
26	6.0	25.5	0.0	0.0	20.0	14.0	10.0	0.0	0.0	0.0	2.0	1.5
27	1.5	64.5	0.0	0.0	20.0	0.0	8.0	0.0	38.0	0.0	8.0	5.0
28	16.0	0.0	13.0	0.0	0.0	2.0	0.0	0.0	2.0	8.0	12.0	0.0
29	0.0		0.0	0.0	11.0	0.0	0.0	0.0	16.0	0.0	2.0	0.0
30	0.0		3.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	2.0	2.5
31	50.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
Total	146.0	307.5	231.5	253.5		92.0	68.0	56.0	273.0	319.0	134.0	173.5
D. LL	14	21	14	19		7	4	5	14	14	19	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: BELLAVISTA — MUNICIPIO: ANSERMANUEVO — AÑO: 1.982

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	10.5	7.0	7.0	3.0	5.5	0.0	0.0	3.0	0.0	2.0	3.5	4.0
2	3.0	1.0	1.5	73.5	2.0	0.0	0.0	0.0	0.0	27.0	7.0	12.0
3	9.0	0.0	0.0	0.5	1.5	0.0	3.5	0.0	0.0	3.0	6.5	1.0
4	4.0	13.0	0.5	34.0	1.0	7.0	16.0	0.0	0.0	4.0	13.5	1.5
5	0.0	3.0	0.0	6.0	0.0	18.0	0.0	0.0	0.0	0.0	10.0	0.0
6	0.0	22.0	10.0	4.0	14.5	0.0	0.0	0.0	0.0	10.5	8.5	0.5
7	4.0	26.0	0.0	6.0	2.0	4.5	1.5	0.0	0.0	26.0	1.0	2.0
8	0.0	0.0	1.0	0.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	39.5
9	0.0	5.5	0.0	1.5	2.0	6.0	0.0	0.0	6.0	0.0	0.0	2.0
10	5.0	0.0	0.0	13.0	0.0	3.5	0.0	0.0	5.5	0.0	13.0	0.0
11	0.0	2.5	0.0	0.0	0.0	6.5	20.0	0.0	25.5	7.0	26.5	0.0
12	0.0	8.0	2.0	1.0	0.0	0.0	0.5	0.0	0.0	8.0	0.0	1.0
13	0.0	2.0	12.5	3.0	2.0	1.0	0.0	0.0	12.5	0.0	0.0	0.0
14	0.0	3.5	0.0	0.0	1.0	0.0	0.0	0.0	3.5	7.5	0.0	0.0
15	4.5	1.0	2.0	0.0	13.5	0.0	0.0	0.0	0.0	0.0	1.5	0.0
16	0.0	4.0	2.5	7.5	0.5	0.0	0.0	0.0	1.5	2.5	0.0	17.0
17	0.0	0.0	0.0	3.5	32.0	0.0	0.0	0.0	8.0	0.0	0.5	0.0
18	0.0	0.0	17.0	1.5	7.0	0.0	0.0	0.0	22.5	0.0	7.0	0.0
19	0.0	1.0	2.5	19.0	24.0	8.5	0.0	0.0	1.5	29.0	0.0	0.5
20	0.0	3.0	0.5	1.0	28.0	1.0	0.0	0.0	0.0	0.0	9.0	0.0
21	0.0	5.0	0.0	1.5	6.5	7.0	0.0	0.0	0.0	27.5	1.0	0.0
22	0.0	0.0	0.0	43.0	9.5	0.0	0.0	0.0	0.0	19.0	0.0	0.0
23	0.0	0.0	0.0	5.5	25.0	0.0	0.0	0.0	6.0	0.0	0.0	14.5
24	0.0	0.0	0.0	1.0	15.0	0.0	0.0	0.0	3.0	22.0	0.0	2.0
25	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0	11.5	2.0	0.5	0.0
26	2.5	0.0	0.0	1.0	13.0	0.0	0.0	0.0	0.0	3.5	4.5	13.0
27	0.5	4.5	0.0	0.5	7.5	0.0	33.5	0.0	14.0	28.0	0.0	0.0
28	3.0	2.0	4.0	4.5	0.0	0.0	2.5	0.0	0.5	0.0	4.0	0.0
29	5.0		0.5	10.0	33.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		1.5	4.5	0.0	0.0	0.0	6.0	0.0	4.0	0.0	0.0
31	1.5		0.0	0.0	0.0	0.0	0.0	21.5	0.0	7.5	0.0	0.0
Total	52.5	114.0	65.0	250.0	257.5	63.0	77.5	30.5	121.5	240.0	117.5	110.5
D. LL.	12	18	15	26	24	10	7	3	14	19	17	14

TOTALES ANUALES — 1499.5 mm. — 179 Días lluvia

ESTACION: EL PLACER — MUNICIPIO: ANSERMANUEVO — AÑO: 1.982

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	13.0	3.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0
2	14.0	13.0	2.0	0.0	0.0	0.0	0.0	3.0	0.0	14.0	13.0	0.0
3	22.0	0.0	1.0	10.0	5.0	0.0	0.0	0.0	0.0	20.0	3.0	5.0
4	5.0	2.0	0.0	20.0	1.0	0.0	20.0	0.0	0.0	30.0	1.0	0.0
5	23.0	0.0	0.0	10.0	0.0	6.0	2.0	0.0	0.0	18.0	15.0	37.0
6	7.0	10.0	4.0	7.0	19.0	0.0	0.0	0.0	0.0	30.0	21.0	2.0
7	10.0	20.0	15.0	5.0	0.0	0.0	1.5	0.0	0.0	10.0	0.0	5.0
8	8.0	0.0	31.0	10.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	9.0
9	20.0	0.0	0.0	4.0	19.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
10	0.0	20.0	0.0	3.0	0.0	11.0	0.0	0.0	25.0	4.0	47.0	0.0
11	0.0	0.0	0.0	9.0	0.0	2.0	0.0	0.0	0.0	0.0	27.0	0.0
12	0.0	4.0	0.0	0.0	29.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	5.0	0.0	0.0	7.0	23.0	0.0	0.0	27.0	3.0	0.0	0.0
14	0.0	2.0	9.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	15.0	5.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0
16	0.0	0.0	30.0	0.0	35.0	0.0	0.0	0.0	20.0	10.0	0.0	0.0
17	0.0	0.0	20.0	20.0	13.0	0.0	0.0	0.0	5.0	0.0	7.0	4.0
18	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	26.0	63.0	0.0	0.0	0.0	0.0	33.0	8.0	7.0
20	0.0	0.0	0.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
21	0.0	0.0	0.0	0.0	17.0	20.0	0.0	0.0	0.0	20.0	0.0	0.0
22	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	35.0	6.0	8.0	3.0
23	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	20.0	30.0	0.0	0.0
24	0.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0
25	13.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0	20.0	15.0	0.0	0.0
26	0.0	0.0	0.0	0.0	29.0	6.0	0.0	0.0	0.0	1.5	13.0	15.0
27	0.0	0.0	10.0	11.0	0.0	0.0	40.0	0.0	28.0	68.0	0.0	0.0
28	0.0	0.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0
29	0.0		2.0	0.0	8.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0
30	0.0		20.0	0.0	0.0	0.0	0.0	9.0	0.0	25.0	0.0	0.0
31	40.0		0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
Total	162.0	104.0	152.0	145.0	377.0	128.0	73.5	33.0	221.5	352.5	163.0	92.0
D. LL.	10	10	13	13	18	8	5	4	11	19	11	10

TOTALES ANUALES — 2003.5 mm. — 132 Días lluvia

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

ESTACION: EL HORIZONTE — MUNICIPIO: ROLDANILLO — AÑO: 1.982

ALTITUD: 1.600 — LATITUD: 4-24 N. — LONGITUD: 76-10 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	21.0	13.5	0.0	1.5	14.0	0.0	0.0	20.0	0.0	18.0	13.0	0.0
2	3.8	4.0	2.0	5.6	20.0	0.0	0.0	2.0	0.0	3.5	6.0	11.0
3	21.9	0.0	20.0	8.1	0.0	0.0	7.0	0.0	0.9	0.0	0.0	2.0
4	33.0	8.6	8.0	15.0	0.0	11.3	0.0	0.0	0.0	15.0	0.0	0.0
5	0.0	0.0	0.0	6.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0
6	0.0	3.0	0.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	9.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.9	3.0	0.0
8	17.7	0.0	5.6	8.0	0.0	4.0	0.0	10.0	0.0	0.0	0.0	14.0
9	0.0	0.0	0.0	5.0	0.0	0.0	11.0	0.0	15.0	0.0	9.0	0.0
10	0.0	18.0	7.6	0.0	4.0	13.0	0.0	0.0	0.0	0.0	0.0	3.0
11	0.0	14.7	0.0	21.5	0.0	0.0	0.0	0.0	7.8	6.0	3.0	0.0
12	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	25.2
13	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	5.5	0.0	5.0	14.0
14	0.0	3.0	0.0	0.0	19.0	0.0	0.0	0.0	8.6	0.0	11.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	37.0	0.0
16	0.0	7.0	5.6	1.0	14.0	0.0	0.0	0.0	6.3	2.0	5.0	6.0
17	0.0	4.7	9.3	3.0	8.0	0.0	0.0	0.0	10.3	0.0	0.0	0.0
18	0.0	3.0	21.0	0.0	17.0	0.0	0.0	25.0	18.0	9.0	10.0	0.0
19	0.0	10.8	29.0	24.0	16.0	0.0	20.0	0.0	0.0	14.1	0.0	0.0
20	0.0	4.5	0.0	0.0	24.4	0.0	0.0	0.0	0.0	0.0	2.0	23.2
21	0.0	1.0	0.0	0.0	3.0	0.0	0.0	0.0	6.9	0.0	3.0	0.0
22	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	12.5	0.0	0.0
23	0.0	0.0	0.0	5.0	14.5	0.0	0.0	0.0	3.8	3.5	0.0	0.0
24	0.0	0.0	6.5	1.0	16.4	0.0	0.0	0.0	7.2	10.9	0.0	0.0
25	0.0	0.0	4.0	6.0	6.0	0.0	0.0	0.0	15.0	11.3	0.0	0.0
26	0.0	0.0	0.0	11.0	10.0	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	7.0	0.0	0.0	0.0	0.0	0.0
28	30.0	3.0	19.0	10.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0
29	0.0		1.0	0.0	0.0	0.0	0.0	0.0	7.8	5.5	0.0	0.0
30	0.0		0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
Total	136.4	103.8	138.6	154.2	192.3	36.3	45.0	57.0	118.6	137.1	107.0	112.4
D. Ll.	7	15	13	18	17	5	4	4	14	15	12	9

TOTALES ANUALES 1338.7 mm. — 133 Días lluvia

ESTACION: CAMPANELLA — MUNICIPIO: PALMIRA — AÑO: 1.982

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	22.0	1.0	24.0	10.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
2	48.0	0.0	14.0	12.0	2.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0
3	58.0	0.0	0.0	38.0	0.0	0.0	0.0	0.0	0.0	8.0	12.0	50.0
4	5.0	0.0	12.0	8.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	3.0
5	17.5	6.0	14.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0
6	8.0	18.0	0.0	48.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	12.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	15.0	2.0	4.5
8	6.0	10.0	21.0	8.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
9	13.5	0.0	1.0	8.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	2.0
10	0.0	19.0	3.0	10.0	0.0	7.5	0.0	0.0	0.0	6.0	4.0	0.0
11	4.0	0.0	1.0	50.0	0.0	4.5	0.0	0.0	0.0	4.0	68.0	0.0
12	0.0	10.0	3.0	0.0	0.0	0.0	10.5	0.0	0.0	0.0	12.0	0.0
13	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.0
14	0.0	25.0	3.0	0.0	7.0	0.0	0.0	0.0	3.0	5.0	0.0	0.0
15	6.0	4.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	14.0	0.0
16	3.0	14.0	12.0	22.0	0.0	0.0	0.0	0.0	60.0	0.0	3.0	2.0
17	0.0	0.0	14.0	0.0	5.0	0.0	0.0	0.0	24.0	6.0	8.0	24.0
18	0.0	18.0	6.0	10.0	45.0	0.0	3.0	0.0	0.0	4.0	16.0	0.0
19	0.0	2.0	0.0	0.0	5.0	0.0	0.0	0.0	9.0	5.0	0.0	14.0
20	0.0	0.0	3.0	0.0	32.0	0.0	0.0	0.0	0.0	2.0	15.0	4.0
21	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	14.0	2.0	1.5
22	0.0	0.0	0.0	36.0	4.0	0.0	0.0	0.0	0.0	2.0	24.0	0.0
23	2.0	5.0	40.0	8.0	12.0	0.0	0.0	0.0	5.0	0.0	0.0	10.0
24	20.0	5.0	14.0	0.0	0.0	0.0	0.0	0.0	3.0	12.0	0.0	0.0
25	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	9.0	5.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	3.0	4.0	24.0
27	0.0	0.0	10.5	5.0	10.0	0.0	3.0	0.0	6.0	6.0	1.0	12.0
28	0.0	0.0	0.0	35.0	0.0	0.0	2.0	0.0	8.0	4.0	0.0	1.0
29	2.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0
31	2.0		2.0	0.0	8.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
Total	229.0	151.0	214.5	316.0	177.0	12.0	20.0	0.0	127.0	135.0	191.0	241.0
D. Ll.	16	14	19	16	16	2	5	0	9	21	15	17

TOTALES ANUALES 1813.5 mm. — 150 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: 1.982
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	47.0	4.0	0.0	5.0	7.0	5.0	0.0	0.0	0.0	0.0	10.0	0.0
2	40.0	2.0	10.0	1.0	14.0	3.0	0.0	0.0	0.0	0.0	7.0	3.0
3	20.0	0.0	0.0	5.0	12.0	0.0	4.0	0.0	0.0	0.0	12.0	0.0
4	27.0	10.0	16.0	67.0	14.0	7.0	40.0	5.0	0.0	0.0	0.0	9.0
5	13.0	2.0	14.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	14.0	14.0
6	7.0	0.0	0.0	15.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0
7	8.0	0.0	5.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
8	10.0	14.0	7.0	9.0	20.0	15.0	0.0	0.0	16.0	0.0	10.0	7.0
9	0.0	20.0	0.0	14.0	6.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0
10	0.0	10.0	0.0	10.0	14.0	37.0	0.0	0.0	0.0	6.0	15.0	15.0
11	0.0	11.0	0.0	37.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0
12	0.0	7.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	12.0	18.0
13	0.0	0.0	39.0	0.0	12.0	5.0	10.0	0.0	0.0	0.0	0.0	0.0
14	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
15	0.0	16.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	15.0	2.0	0.0	12.0	0.0	0.0	10.0	0.0	0.0	15.0	16.0
17	0.0	0.0	0.0	21.0	0.0	18.0	0.0	0.0	9.0	9.0	0.0	18.0
18	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	7.0
19	0.0	5.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	15.0	10.0	0.0
20	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	28.0	0.0	3.0
21	0.0	10.0	0.0	8.0	28.0	27.0	7.0	9.0	0.0	10.0	9.0	0.0
22	0.0	0.0	11.0	7.0	12.0	0.0	0.0	0.0	0.0	36.0	0.0	5.0
23	0.0	0.0	7.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
24	10.0	6.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0
25	10.0	0.0	0.0	20.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	7.0	15.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	7.0	12.0
27	14.0	7.0	0.0	17.0	15.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0
28	6.0	15.0	34.0	10.0	0.0	0.0	12.0	0.0	0.0	12.0	9.0	0.0
29	18.0		17.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	27.0		18.0	10.0	0.0	0.0	0.0	0.0	0.0	15.0	9.0	0.0
31	0.0		7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	264.0	177.0	214.0	333.0	244.0	147.0	73.0	39.0	25.0	230.0	156.0	156.0
D. Ll.	15	18	17	22	15	10	5	4	2	12	15	14

TOTALES ANUALES — 2058.0 mm. — 149 Días lluvia

ESTACION: — MUNICIPIO: — AÑO:
ALTITUD: — LATITUD: — LONGITUD:

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
Total D. Ll.												

mm. — Días lluvia

Estación: El Rosario **Municipio:** Venecia **Año:** 1982
Altitud : 1.600 m.s.n.m. **Latitud :** 5 - 58 N **Longitud:** 75 - 44 W

MAYO

	DIA		NOCHE	
Fecha	Dirección dominante	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1				
2				
3	W	25,0 W	SW	7,0 E
4	W	6,0 NW	SW	2,0 E
5	W	7,0 SW	SE	1,0 SE
6	V	8,0 SE	SE	2,0 E
7	W	3,0 W	SE	13,0 SE
8	SE			
9				
10	V	2,0 SW		
11	SE	23,0 E		
12	NW	8,0 E	SE	2,0 E
13	W	14,0 E	SE	6,0 E
14	NW	5,0 SE	SE	5,0 SW
15	V	62,0 SW	SE	1,0 SE
16	W	5,0 NW	SE	1,0 SE
17	NW	13,0 W	V	17,0 SW
18	V	8,0 E	SE	9,0 NW
19	NW	7,0 SW	SW	7,0 SW
20	NW	10,0 W	W	5,0 E
21	W	7,0 NW	V	14,0 SE
22	NW	4,0 NW	C	2,0 NW
23				
24	NW	9,0 E		
25	NW	8,0 E	V	12,0 SE
26	V	5,0 W		
27	W	6,0 NW	SE	2,0 E
28	NW	12,0 SE	V	3,0 SE
29	V	7,0 NW	C	2,0 E
30	NW	3,0 W	V	3,0 SE
31	W	12,0 W	SE	2,0 SW
MES	NW	62,0 SW	SE	17,0 SW

JUNIO

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

JULIO

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

AGOSTO

	DIA		NOCHE	
Fecha	Dirección dominante	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	W	13,0 W	V	4,0 E
2	NW	13,0 W	V	8,0 SE
3			SE	7,0 SE
4	W	19,0 E	V	17,0 E
5	W	12,0 W	E	7,0 E
6	W	12,0 W	V	1,0 E
7	W	13,0 W	E	7,0 W
8	W	9,0 NW	E	1,0 E
9	W	12,0 W	V	9,0 E
10	W	13,0 W	SE	12,0 SE
11	W	16,0 E	E	19,0 E
12	V	12,0 NW	SE	14,0 SE
13	W	13,0 W	SE	2,0 E
14	W	13,0 W	E	3,0 E
15	W	8,0 W	V	47,0 E
16	V	12,0 W	V	2,0 S
17	W	18,0 SE	SE	23,0 SE
18	NW	12,0 NW	SE	17,0 E
19	W	13,0 W	E	18,0 E
20	NW	8,0 W	SE	11,0 SE
21	W	28,0 E	V	
22	E	46,0 E	E	20,0 E
23	W	14,0 W	SE	6,0 E
24	W	16,0 W	SE	4,0 SE
25	E	38,0 E	V	7,0 E
26	V	13,0 W	E	4,0 E
27	W	8,0 W	V	15,0 E
28	E	30,0 NE	V	6,0 NE
29	W	17,0 NW	SE	1,0 SE
30	W	20,0 W	V	1,0 S
31	W	15,0 W	SE	1,0 SE
MES	W	46,0 E	V	47,0 E

Estación: El Rosario **Municipio:** Venecia **Año:** 1982
Altitud : 1.600 m.s.n.m. **Latitud :** 5 - 58 N **Longitud:** 75 - 44 W

SEPTIEMBRE

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

OCTUBRE

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

NOVIEMBRE

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

DICIEMBRE

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

Estación: Cenicafé **Municipio:** Chinchiná **Año:** 1982
Altitud : 1.310 m.s.n.m. **Latitud :** 4- 59 N **Longitud:** 75 - 35 W

ENERO

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

FEBRERO

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

MARZO

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

ABRIL

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

Estación: Cenicafé **Municipio:** Chinchiná **Año:** 1982
Altitud : 1.310 m.s.n.m. **Latitud :** 4 - 59 N **Longitud:** 75 - 35 W

MAYO

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

JUNIO

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

JULIO

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

AGOSTO

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

Estación: Cenicafé **Municipio:** Chinchiná **Año:** 1982
Altitud : 1.310 m.s.n.m. **Latitud :** 4 - 59 N **Longitud:** 75 - 35 W

SEPTIEMBRE

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

OCTUBRE

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

NOVIEMBRE

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

DICIEMBRE

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

Estación: Naranjal **Municipio:** Chinchiná **Año:** 1982
Altitud : 1.370 m.s.n.m. **Latitud :** 4 - 58 N **Longitud:** 75 - 36 W

ENERO

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

FEBRERO

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

MARZO

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

ABRIL

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

Estación: Naranjal **Municipio:** Chinchiná **Año:** 1982
Altitud : 1.370 m.s.n.m. **Latitud :** 4 - 58 N **Longitud:** 75 - 36 W

MAYO

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

JUNIO

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

JULIO

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

AGOSTO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	W	7,6 W	SE	11,5 S
2	E	7,2 N	SE	11,5 SE
3	NW	8,3 NW	SE	13,7 S
4	NW	10,8 NW	SE	13,7 S
5	SW	10,1 NW	SE	11,2 S
6	S	8,3 NW	SE	11,2 SE
7	V	9,4 N	SE	10,8 E
8	NE	4,7 NE	SE	11,2 S
9	NW	8,6 W	SE	13,0 S
10	V	8,6 N	SE	13,0 S
11	NW	10,8 N	SE	11,9 SE
12	NW	10,1 N	SE	12,6 SE
13	SW	7,9 N	SE	11,2 SE
14	V	10,1 NW	SE	11,9 SE
15	W	10,4 NW	SE	11,2 S
16	N	10,8 N	SE	13,0 S
17	NW	10,1 W	SE	13,7 SE
18	NW	10,1 N	SE	10,8 S
19	NW	10,1 N	SE	10,8 S
20	NE	7,6 N	SE	11,5 S
21	NW	8,3 NW	SE	10,8 SE
22	NW	9,4 N	SE	11,5 S
23	NW	8,3 N	SE	11,2 SE
24	NW	7,9 S	SE	13,7 SE
25	N	8,3 N	SE	10,8 SE
26	SW	7,9 W	SE	10.8 S
27	NW	8,6 N	SE	11,5 S
28	NW	7,9 W	SE	10,4 SE
29	NW	9,0 W	SE	10.8 SE
30	SW	7,9 N	SE	10.8 S
31	SE	17,3 SW	SE	8,3 S
MES	NW	17,3 SW	SE	13,7 S

Estación: Naranjal **Municipio:** Chinchiná **Año:** 1982
Altitud : 1.370 m.s.n.m. **Latitud :** 4 - 58 N **Longitud:** 75 - 36 W

SEPTIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	NW	8.6 W	S	10.1 S
2	SW	10.8 SW	SE	10.4 S
3	V	11.2 NW	SE	11.5 S
4	W	7.2 N	SE	9.7 S
5	NW	7.9 N	SE	14.4 SE
6	NW	9.0 NW	S	10.8 S
7	V	9.0 S	SE	11.5 S
8	SW	7.6 NW	S	8.3 S
9	W	9.0 W	SE	6.8 S
10	V	7.2 SE	W	7.6 S
11	SE	15.1 SE	SE	10.1 S
12	V	16.2 S	SE	10.1 E
13	NW	7.9 NW	SE	10.4 W
14	E	9.0 E	SE	9.0 S
15	NE	11.2 S	SE	9.0 SE
16	SE	13.7 S	SE	7.9 SE
17	SE	9.0 S	SE	
18	W	10.1 NW	V	10.4 N
19	N	7.6 NE	E	6.8 E
20	NW	13.3 SE	SE	13.7 SE
21	NW	9.4 W	SE	10.4 S
22	V	7.2 N	S	11.5 S
23	SE	10.1 S	V	10.8 NW
24	S	11.2 S	S	
25	V	11.9 SW	SE	10.4 S
26	SW	9.4 S	SE	11.2 S
27	V	10.8 W	SE	17.3 N
28	SE	17.3 SE	SE	8.6 SE
29	S	11.5 S	SE	9.0 S
30	E	8.6 SE	SE	8.6 S
31				
MES	V	17.3 SE	SE	17.3 N

OCTUBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	NE	13.7 SW	S	8.3 S
2	SE	13.7 SE	NE	9.7 N
3	NW	10.4 NW	S	10.8 W
4	SE	11.9 SE	SE	11.5 S
5	NW	10.4 N	SE	10.1 S
6	SE	14.8 SE	S	10.8 SE
7	S	11.9 S	E	13.0 S
8	SE	15.1 S	SE	7.9 S
9	W	17.3 SE	SE	7.2 SE
10	SE	10.1 S	SE	8.3 S
11	NW	11.5 SE	V	15.8 S
12	F	14.4 S	SE	12.6 S
13	NW	9.7 N	V	9.7 S
14	S	17.6 S	SE	9.0 SE
15	V	10.4 S	S	3.6 S
16	NE	4.3 W	SE	7.6 S
17	SE	6.5 SE	SE	5.8 S
18	S	8.3 S	SE	5.4 SE
19	N	7.2 W	SE	16.6 SE
20	SW	7.9 W	SE	4.7 SE
21	S	13.7 S	S	7.2 S
22	SE	10.8 S	SE	7.6 S
23	V	10.1 S	SE	5.4 SE
24	NW	14.0 S	NE	3.6 NE
25	S	11.5 S	SE	5.0 E
26	V	7.2 NE	SE	5.4 S
27	SE	8.6 S	SE	7.9 S
28	V	11.5 SE	SE	7.2 S
29	V	11.9 S	SE	15.1 S
30	NW	7.9 NW	SE	11.9 S
31	NW	17.3 S	SE	7.9 S
MES	NW	17.6 S	SE	16.6 SE

NOVIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	NW	6.5 SW	E	9.0 SW
2	V	15.1 NW	NE	7.9 N
3	NW	11.9 S	SE	10.8 S
4	W	7.6 NW	SE	10.1 SE
5	NW	10.1 NW	SE	10.8 SE
6	NW	11.9 SE	SE	10.1 S
7	V	11.5 SE	SE	10.1 SE
8	NW	7.6 NW	SE	10.8 S
9	NW	7.9 NW	SE	10.1 S
10	S	14.4 S	SE	10.8 S
11	N	10.1 S	S	10.8 N
12	V	7.9 N	SE	10.8 S
13	V	9.4 N	SE	10.8 S
14	SW	7.9 S	SE	11.5 S
15	V	11.5 S	S	11.2 NE
16	NW	6.5 NW	SE	7.9 SE
17	SE	11.5 S	SE	7.2 S
18	NW	7.2 NW	S	6.5 SE
19	SW	14.4 S	S	7.6 S
20	N	7.9 N	E	
21	V	10.1 NW	SE	7.9 S
22	W	17.3 W	SE	7.2 SE
23	NW	6.8 NW	SE	10.1 SE
24	W	7.6 SW	SE	8.3 S
25	V	7.2 W	SE	7.2 SE
26	S	18.7 S	SE	8.6 SE
27	SE	9.0 W	NE	12.6 SE
28	NW	7.6 NW	SE	10.8 S
29	NW	7.2 NW	SE	10.1 S
30	NW	7.9 SE	SE	10.1 S
31				
MES	NW	18.7 S	SE	12.6 SE

DICIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	NW	7.9 S	SE	7.9 S
2	SE	14.0 S	SE	10.8 SE
3	NW	11.2 SW	SE	7.9 S
4	NW	5.0 NW	NW	9.4 NE
5	NW	5.4 NW	SE	7.6 SE
6	V	7.2 NW	S	10.1 SE
7	SE	14.4 S	SE	14.8 S
8	SW	11.5 SW	SE	10.4 SE
9	E	7.6 S	SE	10.1 SE
10	SE	6.5 S	SE	7.9 SE
11	NW	8.6 S	SE	10.1 S
12	NW	7.2 NW	SE	8.6 S
13	SW		SE	7.6 SE
14	SW	8.3 SW	SE	8.3 SE
15	SW	7.2 NW	SE	8.3 S
16	V	10.8 N	SE	10.8 SE
17	NW	15.1 S	SE	10.8 SE
18	SE	5.8 N	SE	5.8 SE
19	NW	7.6 S	SE	7.6 SE
20	NW	9.4 NW	SE	7.6 S
21	NW	10.8 S	SE	13.0 SE
22	V	9.0 W	SE	8.6 S
23	SE	8.6 E	SE	10.4 S
24	W	12.6 S	SE	8.6 S
25	SW	8.3 NW	SE	10.1 S
26	W	8.6 NE	SE	11.5 SE
27	NW	11.5 S	SE	9.7 S
28	SW	7.2 NW	SE	8.3 S
29	NW	6.5 W	SE	8.3 SE
30	NW	9.0 NW	SE	10.1 SE
31	NW	7.2 NW	SE	8.3 S
MES	NW	15.1 S	SE	13.0 SE

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

Municipio: Popayán
Latitud : 2 - 27 N

Año: 1982
Longitud: 76 - 35 W

ENERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	W	1.0 W	C	
2	V	4.0 W	C	1.0 SE
3	W	3.0 SW	C	
4	W	2.0 N	C	
5	V	1.0 W	C	
6	V	2.0 NW	C	
7	W	4.0 W	C	
8	V	3.0 SW	C	1.0 W
9	V	2.0 NE	C	
10	W	2.0 W	SE	2.0 S
11	V	1.0 W	SE	2.0 S
12	W	3.0 W	SE	2.0 SE
13	SW	3.0 SW	SE	1.0 SE
14	N	2.0 W	C	1.0 SE
15	W	3.0 W	C	2.0 SE
16	SE	3.0 NE	C	
17	V	3.0 W	SE	2.0 SE
18	W	7.0 SE	SE	4.0 SE
19	W	4.0 SW	SE	4.0 SE
20	W	2.0 W	SE	3.0 S
21	W	5.0 W	C	1.0 SE
22	W	3.0 SW	SE	2.0 SE
23	W	9.0 NE	C	2.0 SE
24	W	6.0 SW	V	1.0 SE
25	W	4.0 W	C	1.0 W
26	W	15.0 E	C	1.0 NW
27	V	3.0 W	C	
28	SW	7.0 N	SE	1.0 SE
29	V	1.0 N	C	1.0 SE
30	V	2.0 SW	C	1.0 SE
31	W	3.0 W	SE	1.0 SE
MES	W	15.0 E	C	4.0 SE

FEBRERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	V	4.0 N	SE	2.0 SE
2	W	1.0 W	C	1.0 W
3	W	2.0 N	SE	1.0 SE
4	W	2.0 W	C	1.0 SE
5	W	2.0 W	SE	2.0 S
6	V	3.0 W	C	
7	W	4.0 W	SE	1.0 SE
8	W	54.0 NE	SE	1.0 S
9	SW	2.0 SW	C	
10	SW	1.0 W	SE	1.0 SE
11	V	2.0 N		
12	V	2.0 SW	C	
13				
14	W	2.0		
15	N	1.0 SW	C	
16	W	3.0 NE	C	2.0 W
17	V	4.0 W	C	1.0 SE
18	NW	2.0 SE	C	1.0 SW
19	V	1.0 N	C	
20	SW	1.0 W	C	
21	SW	2.0 W	C	
22	V	2.0 NW	V	1.0 SE
23	SW	2.0 NE	C	1.0 S
24	SW	3.0 W	SE	1.0 SE
25	W	3.0 SW	SE	2.0 SE
26	SW	2.0 W	SE	1.0 SE
27	V	2.0 SE	SE	1.0 E
28	SW	2.0 W	SE	1.0 SE
29				
30				
31				
MES	W	54,0 NE	C	2.0 SE

MARZO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	W	2.0 SW	C	1.0 W
2	SW	3.0 SW	SE	2.0 SE
3	W	2.0 W	C	1.0 SE
4	W	4.0 SW		
5	W	3.0 SW		
6	W	5.0 N	SE	1.0 SE
7	N	3.0 W	C	2.0 E
8	W	7.0 NE	C	1.0 SE
9	W	2.0 SW	C	2.0 SE
10	W	3.0 SW	C	1.0 NW
11	SW	2.0 W	V	1.0 N
12	W	2.0 W	SE	1.0 SE
13	W	2.0 W	SE	
14	W	3.0 N	C	3.0 NE
15	V	13.0 N	V	1.0 E
16	W	7.0 NE	C	
17	W	4.0 W	C	1.0 SE
18	NW	2.0 NE	V	1.0 SE
19			C	1.0 E
20	V	3.0 N	SE	2.0 E
21	W	2.0 W	E	2.0 E
22	SW	3.0 SW	SE	1.0 SE
23	N	2.0 NE	E	2.0 E
24	SW	3.0 NE	SE	1.0 E
25	SW	2.0 NW	SE	1.0 SE
26	V	2.0 SW	SE	1.0 SE
27	W	3.0 W	C	
28	SW		SE	
29	W		SE	
30	W		SE	
31	V	1.0 W	SE	2.0 SE
MES	W	13.0 N	SE	3.0 NE

ABRIL

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	V	2.0 SW	C	
2	N		C	
3	C		SE	
4	V	2.0 N	C	
5	C	1.0 N	C	
6	V	1.0 N	C	
7	W		C	2.0 E
8	V	1.0 SE	C	
9	W	1.0 NE	C	
10	V	2.0 SE	C	
11	W		SE	
12	W	2.0 W	C	
13	NW		C	
14	W		C	
15	W		SE	
16	W		V	
17	NW		C	
18	NW	1.0 SW	C	
19	W	2.0 SW	C	1.0 SE
20	W	2.0 N	SE	
21	V	1.0 SW	V	
22	SW		SE	
23	V	2.0 SW	C	1.0 E
24	SW	1.0 W	SE	1.0 SE
25	W	2.0 NW	SE	2.0 E
26	W	2.0 W	SE	1.0 SE
27	NW	2.0 N	SE	2.0 SE
28	W		C	
29	W	5.0 W	C	
30	C	2.0 S	C	
31				
MES	W	5.0 W	C	2.0 E

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

Municipio: Popayán
Latitud : 2 - 27 N

Año: 1982
Longitud: 76 - 35 W

MAYO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	N		SE	1.0 SE
2	V	3.0 SW	E	
3	SW		SE	1.0 SE
4	W		C	
5	SW	3.0 S	SE	2.0 SE
6	W	1.0 N	E	1.0 E
7	NW		SE	1.0 SE
8	V	4.0 SW	C	
9	W	1.0 W	C	
10	N	1.0 N	C	
11	SW	2.0 SW	SE	
12	SW	1.0 SW	SE	2.0 SE
13	SW	1.0 SW	E	2.0 SW
14	V	3.0 W	SE	
15	W	1.0 W	C	
16	SW		C	
17	SW		C	
18				
19	C	2.0 SW	C	
20	V		C	
21	NW		C	
22	N	2.0 NW	C	
23	C			
24	SW		C	
25	C		C	
26	V		C	
27	W	1.0 W	C	
28	W		C	
29	W		C	
30	W	2.0 W	SE	1.0 SE
31	W	4.0 SW	E	
MES	W	4.0 SW	C	2.0 SE

JUNIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	SW	13.0 E		
2	NW	15.0 E	SE	2.0 SE
3	W	3.0 W	SE	4.0 SE
4	NE	1.0 W	SE	2.0 SE
5	W	5.0 SW	C	1.0 E
6	NW	1.0 W	SE	2.0 SE
7	W	3.0 SW	SE	1.0 SE
8	V	2.0 W	SE	2.0 S
9	W	2.0 NW	C	1.0 E
10	W	2.0 W	SE	2.0 SE
11	N	2.0 N	SE	1.0 SE
12	N	3.0 NW	SE	1.0 SE
13	W	3.0 W	SE	4.0 SE
14	W	4.0 W	SE	2.0 SE
15	W	4.0 SW	SE	3.0 SE
16	W	6.0 W	SE	
17	W	4.0 W	SE	2.0 E
18	W	3.0 SW	SE	4.0 SE
19	SW	7.0 SW	SE	2.0 SE
20				
21	NW	3.0 E	SE	2.0 SE
22	E	11.0 E	SE	3.0 SE
23	W		SE	
24	W		SE	
25	W	6.0 W	SE	3.0 SE
26	N	3.0 N	SE	4.0 SE
27	E	27.0 E	SE	3.0 SE
28	E	18.0 E	SE	3.0 E
29	E	46.0 E	SE	16.0 SE
30	SE	35.0 SE	SE	
31				
MES	W	46.0 E	SE	16.0 SE

JULIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	V	35.0 E	SE	9.0 S
2	W	20.0 E	SE	4.0 SE
3	W	2.0 W	SE	2.0 SE
4	W	2.0 SW	SE	2.0 S
5	W	2.0 SW	SE	3.0 SE
6	W	3.0 W	SE	2.0 SE
7	E	23.0 E	SE	2.0 SE
8	W	7.0 W	SE	3.0 SE
9	NW	2.0 N	SE	4.0 SE
10	W	7.0 E	SE	3.0 SE
11	W	6.0 W	C	1.0 S
12	V	2.0 W	SE	1.0 SE
13	E	18.0 E	SE	4.0 NE
14	SE	39.0 SE	SE	27.0 SE
15	SE	42.0 E		
16	SE	29.0 SE	SE	4.0 S
17	E	31.0 E	SE	
18	E	16.0 E	SE	3.0 E
19	E	29.0 E		
20			SE	2.0 SE
21	SE	35.0 SE	SE	5.0 SE
22	SE	33.0 S	SE	4.0 SE
23	V	34.0 SE	SE	4.0 SE
24				
25	SE	24.0 SE	SE	3.0 SE
26	W	4.0 W	C	1.0 W
27	W	5.0 NE	C	
28	W		C	
29	NW	3.0 N	SE	4.0 SE
30	E	47.0 SE	SE	12.0 SE
31	E	15.0 SW		
MES	W	47.0 SE	SE	27.0 SE

AGOSTO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	E	13.0 E	SE	3.0 SE
2	SE	25.0 SE	SE	5.0 SE
3	E	27.0 E	SE	10.0 SE
4	E	24.0 E	SE	4.0 NE
5	E	30.0 E	V	1.0 SW
6	V	15.0 E	C	1.0 SE
7	V	3.0 SW	SE	1.0 SE
8	N	3.0 N	E	3.0 SE
9	SE	17.0 E	SE	12.0 SE
10	SE	39.0 S	SE	15.0 SE
11	V	22.0 E	SE	4.0 E
12	V	10.0 NW		
13	E	24.0 SE	SE	4.0 SE
14	E	25.0 E	SE	4.0 SE
15				
16				
17			E	6.0 SE
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31	E	42.0 E	E	3.0 E

Estación: La Florida **Municipio:** Popayán **Año:** 1982
Altitud : 1.850 m.s.n.m. **Latitud :** 2 - 27 N **Longitud:** 76 - 35 W

SEPTIEMBRE

	DIA		NOCHE	
Fecha	Dirección dominante	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	E	34.0 E	E	3.0 E
2	E		E	
3	E	38.0 E	E	1.0 E
4	E	31.0 E		
5	V	24.0 E	E	2.0 E
6	E	44.0 E	E	2.0 SE
7	E	30.0 E	E	2.0 E
8	V	3.0 S	E	1.0 E
9	NE	14.0 NE	E	1.0 E
10	SW	2.0 N	C	
11	V	2.0 E	E	1.0 E
12	NW	3.0 W	E	2.0 E
13	V	5.0 N	E	2.0 E
14	NW	8.0 SW		
15	V	2.0 N	C	1.0 E
16	V	1.0 NW	V	4.0 S
17	SW	3.0 N	C	
18	V	2.0 N	C	1.0 S
19	V	2.0 NW	E	1.0 E
20	SW	7.0 N	E	1.0 E
21	NE	16.0 E	E	4.0 E
22	NE	26.0 NE	E	4.0 E
23	V	2.0 SW	C	1.0 SW
24	SW	3.0 S	C	
25	SW	3.0 SW	C	1.0 N
26	NW	3.0 N	C	2.0 E
27	V	2.0 SW	E	2.0 W
28	N	3.0 SW	C	1.0 SE
29	SW	3.0 SW	C	
30	SW	3.0 S	E	1.0 E
31				
MES	V	44.0 E	E	

OCTUBRE

	DIA		NOCHE	
Fecha	Dirección dominante	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	W	2.0 SW	C	
2	V	2.0 NW	C	
3	C	1.0 SW	C	1.0 E
4	S	2.0 S	E	1.0 E
5				
6	SW	4.0 N	V	1.0 NE
7	E	13.0 SW	E	2.0 E
8	N	3.0 NW	C	
9	SW	2.0 N	C	
10	N	2.0 S	E	1.0 E
11	SW	1.0 S	E	2.0 E
12	V	2.0 E	E	1.0 E
13	W	3.0 W	C	2.0 E
14	V	6.0 W	E	1.0 E
15	SW	3.0 SW	C	2.0 W
16	SW	2.0 SW	C	1.0 E
17	C	2.0 SW	E	2.0 E
18	SW	8.0 SW	C	1.0 E
19	SW	10.0 N	C	1.0 E
20	SW	1.0 SW	C	
21	V	7.0 SW	C	
22	C	3.0 S	C	
23	V	4.0 NW	C	
24	C		C	
25	SW	1.0 SW	C	
26	NW	1.0 W	E	1.0 E
27	SW	2.0 N	C	
28	S	1.0 W	E	1.0 E
29	SW	4.0 N	V	1.0 E
30	SW	1.0 S	E	2.0 E
31	SW	5.0 SW	E	2.0 E
MES	SW	13.0 SW	C	2.0 E

NOVIEMBRE

	DIA		NOCHE	
Fecha	Dirección dominante	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	V	2.0 N	C	
2	SW	2.0 N	C	
3	V	9.0 W	C	
4	NW	1.0 W	C	
5	NW	2.0 S	C	1.0 SE
6	V	2.0 S	C	1.0 E
7	V	41.0 NE	C	1.0 E
8	SW	2.0 SW	E	2.0 SE
9	SW	4.0 SW	E	2.0 E
10	S	3.0 NW	C	1.0 E
11	SW	1.0 W	C	
12	C	2.0 E	C	
13	SW	3.0 SW	E	3.0 E
14	V	6.0 SE	E	2.0 E
15	SW	7.0 N	V	1.0 E
16	V	2.0 W	V	1.0 SE
17	V	9.0 N	C	2.0 E
18	V	3.0 S	E	2.0 E
19	V	10.0 NE	C	
20	SW	2.0 N	V	1.0 S
21	SW	1.0 SW	C	1.0 E
22	V	3.0 SW	C	
23	SW	2.0 SW	E	1.0 SE
24	SW	3.0 S	C	2.0 E
25	SW	2.0 SW	C	4.0 E
26	SW	5.0 NE	V	2.0 E
27	SW	5.0 N	C	13.0 E
28	SW	2.0 NE	C	2.0 SE
29	SW	2.0 N	SE	2.0 SE
30	SW	3.0 S	E	2.0 E
31				
MES	SW	41.0 NE	C	13.0 E

DICIEMBRE

	DIA		NOCHE	
Fecha	Dirección dominante	Ráfaga máx. (km/hora)	Dirección dominante	Ráfaga máx. (km/hora)
1	SW	2.0 SW	E	3.0 E
2	SW	2.0 SW	C	2.0 E
3	SW	3.0 SW	C	1.0 E
4	V	2.0 S	C	1.0 E
5	V	2.0 SW	C	
6	C	8.0 NE	C	
7	V	2.0 SW	C	1.0 E
8	SW	2.0 S	C	1.0 E
9	NW	2.0 NW	C	
10	V	2.0 SW	C	2.0 E
11	SW	2.0 SW	E	6.0 S
12	SW	3.0 SW	C	1.0 E
13	SW	5.0 N	E	1.0 E
14	SW	2.0 SW	E	2.0 E
15	SW	2.0 SW	C	1.0 S
16	SW	2.0 NW	E	2.0 E
17	SW	4.0 SW	C	
18	SW	3.0 N	C	2.0 E
19	V	12.0 N	E	2.0 E
20	V	2.0 SW	E	1.0 E
21	SW	2.0 SW	C	1.0 S
22	SW	1.0 N	C	1.0 E
23	W	2.0 N	C	1.0 SW
24	SW	3.0 N	E	2.0 E
25	V	1.0 NW	E	2.0 E
26	SW	2.0 SW	C	1.0 E
27	C	2.0 W	E	5.0 E
28	SW	2.0 SW	C	
29	V	5.0 E	C	1.0 E
30	SW	1.0 N	E	2.0 E
31	SW	3.0 SW	E	2.0 E
MES	SW	12.0 N	C	6.0 S

Estación: Ospina Pérez **Municipio:** Consacá **Año:** 1982
Altitud : 1.700 m.s.n.m. **Latitud :** 1 - 16 N **Longitud:** 77 - 28 W

ENERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	SW		SW	
2	W	1.0 W	V	
3	SW		SW	
4	W	1.0 W	V	
5	W	1.0 SW	V	
6	V	1.0 W	SW	
7	W	1.0 W	SW	
8	SW	2.0 W	V	
9	W	2.0 W	V	
10	V		E	
11	W	2.0 W	V	
12	V	1.0 W	E	
13	W		V	
14	SW	2.0 NW	S	2.0 NE
15	V	1.0 N	V	
16	V	2.0 NW	SW	
17	SW	1.0 W	V	
18	SW	1.0 SW	E	1.0 NE
19	SW	1.0 SW	NE	11.0 S
20	SW	5.0 SW	E	
21	V	7.0 W	E	
22	SW	3.0 SW	V	
23	W	6.0 SW	V	
24	SW	6.0 SW	SW	
25	W	5.0 NW	SW	
26	SW	3.0 SW	SW	
27	SW	4.0 SW	SW	1.0 NE
28	SW	1.0 SW	V	
29	SW		V	
30	W		V	
31	W	1.0 W	E	
MES	SW	7.0 W	V	11.0 S

FEBRERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	V	2.0 NE	E	
2	V	2.0 NE	E	
3	SW		E	
4	W	2.0 N	SW	1.0 W
5	SW	1.0 N	E	
6	V	2.0 SW		
7	W	2.0 W	E	
8	W	3.0 NE	V	
9	SW	2.0 SW	SW	
10	W		V	
11	W	6.0 SW	V	
12	V		V	1.0 W
13	V	2.0 NE	V	1.0 NE
14	V	2.0 NE	SW	
15	W	2.0 NE	E	
16	V	4.0 E	S	
17	W	2.0 SW	E	
18	V	3.0 N	V	1.0 N
19	SW	2.0 SW	V	
20	W	2.0 SW	SW	
21	W	2.0 N	E	
22	SW		E	
23	W		V	
24	W	2.0 NE	V	
25	SW	2.0 W	V	
26	SW	2.0 SW	V	
27	V	3.0 NW	V	
28	W	4.0 N	V	
29				
30				
31				
MES	W	6.0 SW	V	1.0 W

MARZO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	SW	2.0 SW	V	
2	NW		V	
3	V	1.0 SW	V	
4	N	3.0 N	V	
5	SW		V	
6	W	1.0 SW	E	
7	W		V	
8	W	2.0 SW	E	
9	W	2.0 W	V	
10	W	2.0 W	V	
11	SW	2.0 N	SW	
12	W	1.0 SW	V	
13	W	1.0 SW	E	
14	W	1.0 W	V	
15				
16	V		SW	
17	W		SW	
18	W	1.0 W	SW	
19	SW	2.0 W	E	
20	W	2.0 SW	E	
21	W	17.0 SW	V	
22	W			
23	W	6.0 N	E	
24	W	2.0 W	V	
25	V	2.0 NW	V	
26	SW	2.0 SW	V	
27	W	20 SW	V	1.0 NE
28	W	1.0 W	V	
29	SW		E	
30	W		V	
31	SW	2.0 SW	V	
MES	W	17.0 SW	V	1.0 NE

ABRIL

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	V		V	
2	W		E	
3	SW	1.0 W	V	
4	SW		E	
5	SW		SW	1.0 E
6	W	2.0 N	E	
7	W		E	
8	W		V	3.0 NE
9	W		E	
10	W		E	
11	V	1.0 SW	E	
12	W	1.0 SW	V	
13	W	2.0 W		
14	W	2.0 W	SW	
15	W	2.0 N	E	
16	W	2.0 W	V	1.0 E
17	W		SW	
18	W	2.0 SW	SW	
19	W	2.0 W	SW	
20	W	2.0 SW		
21	W	1.0 W	E	1.0 SE
22	SW		E	
23	W		SW	
24	V	1.0 NW	E	
25	W	2.0 W		
26	W	2.0 W	V	
27	SW	3.0 SW	V	
28	SW	3.0 NE	E	
29	SW	2.0 W	V	
30	W		V	
31				
MES	W	3.0 SW	E	3.0 NE

Estación: Ospina Pérez **Municipio:** Consacá **Año:** 1982
Altitud : 1.700 m.s.n.m. **Latitud :** 1 - 16 N **Longitud:** 77 - 28 W

MAYO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	W		V	
2	W	1.0 W	E	
3	W		V	
4	W		V	
5	V	1.0 N	E	
6	SW	1.0 SW	V	
7	W	2.0 NE	V	
8	W		SW	
9	W		V	
10	V		V	
11	V		E	
12	W	1.0 SW	E	
13	W		SW	
14	W		E	
15	W	5.0 NW	V	
16	W		E	
17	V	2.0 NW	V	2.0 NE
18	V	2.0 SW	SW	
19	W	1.0 W	V	
20	W		SW	
21	W		V	
22	W		E	
23	W		V	
24	V		W	
25	V		V	
26	V		SW	
27	W		E	
28	W	2.0 SW	V	
29	W		E	
30	V	1.0 NW	E	2.0 SW
31	W		E	2.0 SE
MES	W	5.0 NW	V	2.0 NE

JUNIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	SW	3.0 S	E	1.0 SE
2	W	7.0 SW	E	
3	W		E	
4	W		V	
5	V	7.0 S	E	
6	W		E	
7	W	1.0 W	E	
8	W		E	
9	W	1.0 W	SW	
10	W	2.0 W	SW	
11	W	2.0 SW	V	
12	SW		V	2.0 S
13	V		E	
14	V		V	2.0 S
15	W		V	3.0 S
16	SW		E	
17	W	7.0 W	V	
18	W	1.0 W	E	
19	W	3.0 W	SW	
20	V		V	
21	W	9.0 SW	V	
22	W	1.0 W	E	
23	W	1.0 NW	E	
24	W		E	
25	W	5.0 NW	E	
26	V	2.0 W	V	
27	W	3.0 W	E	1.0 E
28	W	19.0 NE	S	5.0 SE
29	S	22.0 S	S	8.0 S
30	SW	9.0 SW	V	7.0 SE
31				
MES	W	22.0 S	E	8.0 S

JULIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	SW	28.0 SW	V	9.0 SE
2	W	2.0 N	E	
3	V	8.0 NE	E	1.0 NE
4	NE	3.0 W	E	
5	W	2.0 SW	E	
6	W	5.0 W	V	
7	SW	1.0 S	E	1.0 E
8	W	1.0 W	E	1.0 E
9	V	1.0 SW	E	3.0 NE
10	NW	2.0 W	V	
11	V	2.0 NE	SW	
12	W		V	
13	W	10.0 W	E	1.0 NE
14	V	27.0 S	NE	4.0 SE
15	V	32.0 S	V	9.0 E
16	V	21.0 NE	E	12.0 SE
17	V	28.0 S	V	2.0 E
18	V	6.0 W	V	1.0 NE
19	W	2.0 NW	E	
20	W	3.0 W	E	2.0 E
21	SW	39.0 SW	SE	32.0 SE
22	V	42.0 SW	V	20.0 E
23	SW	36.0 SW		
24	S	37.0 SW	E	6.0 SE
25	SW	31.0 SW	V	
26	V	9.0 N	SW	
27	V	4.0 N	NE	1.0 W
28	V	1.0 SW	E	
29	NW	2.0 NW	V	
30	V	23.0 NE	V	7.0 SE
31	SW	23.0 S	E	2.0 S
MES	V	42.0 SW	E	32.0 SE

AGOSTO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	W	2.0 NW	V	6.0 S
2	V	14.0 S	E	8.0 SE
3	SW	36.0 SW	V	1.0 SE
4	V	31.0 NE	E	14.0 SE
5	V	26.0 W	V	
6	SW	2.0 N	V	
7	N	2.0 SW	SW	
8	NW	1.0 W	E	20.0 NE
9	SW	42.0 SW	SE	25.0 S
10	S	32.0 S	SE	27.0 E
11	SW	37.0 SW	SE	10.0 SE
12	SW	35.0 SW	V	4.0 SE
13	SW	44.0 SW	E	11.0 SE
14	V	25.0 W	E	13.0 SE
15	SW	33.0 NW	V	4.0 E
16	V	27.0 E	V	14.0 S
17	SW	39.0 SW	SE	8.0 NE
18	V	27.0 SW	SE	15.0 SE
19	SW	30.0 SW	SE	24.0 SE
20	SW	25.0 SW	SE	7.0 SE
21			SE	23.0 SE
22	SW	48.0 SW		
23	V	42.0 SW	SE	20.0 SE
24	SW	38.0 S	SE	18.0 S
25	SW	43.0 S	V	14.0 SE
26	SW	34.0 SW	SE	12.0 SE
27	S	42.0 SW	SE	12.0 SE
28	V	43.0 SW	V	18.0 S
29	S	34.0 SW	SE	21.0 SE
30	V	28.0 N	V	3.0 SE
31	SW	37.0 S		
MES	SW	48.0 SW	SE	27.0 E

Estación: Ospina Pérez **Municipio:** Consacá **Año:** 1982
Altitud : 1.700 m.s.n.m. **Latitud :** 1 - 16 N **Longitud:** 77 - 28 W

SEPTIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	V	19.0 SW	V	4.0 SE
2	SW	33.0 SW	E	13.0 SE
3	SW	40.0 N	E	1.0 E
4	SW	21.0 SW	E	
5	SW	47.0 NE	V	9.0 S
6	V	37.0 NW		
7	SW	43.0 SW	E	1.0 SE
8	SW	6.0 NW	V	1.0 NE
9	V	8.0 NW	V	2.0 NE
10	SW	2.0 N	S	1.0 SW
11	V	6.0 NE	E	1.0 E
12	V	5.0 SW	V	
13	NW	4.0 S	E	
14	V	2.0 N	SW	
15	N	3.0 NW	SW	
16	NW	9.0 NW	V	
17	NW	8.0 N	V	
18	W	5.0 N	SW	
19	W	2.0 NW	F	
20	W	3.0 W	E	
21	W	5.0 SW	V	1.0 E
22	V	17.0 W	E	1.0 E
23	V	7.0 SW	V	
24	V		V	
25	W	2.0 W	V	1.0 W
26	W	4.0 W	E	
27	SW	6.0 SW	V	
28	SW		E	
29	W	2.0 NW	E	
30	W		V	
31				
MES	V-SW	47.0 NE	V-E	13.0 SE

OCTUBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	V	2.0 NW	V	
2	V	5.0 NE		
3				
4	V	2.0 NE	E	
5				
6	W	5.0 NW	SW	
7	V	7.0 N	V	12.0 NE
8	W	4.0 SW	E	2.0 NE
9	W	5.0 SW	V	1.0 NE
10	V	2.0 SW	V	
11	SW	5.0 W	V	
12	V	1.0 NE	E	
13	W	5.0 NE	V	1.0 E
14	V	2.0 SW	E	
15	W	3.0 SW	V	2.0 NE
16	SW	4.0 SW	V	
17	V	1.0 W	E	1.0 NE
18	SW	3.0 SW	E	
19	SW	5.0 SW	V	2.0 SW
20	W	2.0 SW	V	
21	SW	6.0 SW	V	1.0 NE
22	W	2.0 N	V	
23	W	4.0 SW	V	
24	W		V	1.0 N
25	V	1.0 N	V	
26	W	1.0 SW	V	
27	V	2.0 NW	V	
28	SW	1.0 SW	V	
29	W	4.0 W	E	2.0 NE
30	W	2.0 W	E	1.0 E
31	SW	2.0 SW	V	
MES	W	7.0 N	V	12.0 NE

NOVIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	W		SW	
2	W	5.0 N	V	
3	W	3.0 W	V	
4	SW	3.0 W	V	
5	W	3.0 SW	V	
6	W	3.0 W	V	1.0 E
7				
8	W	1.0 W	E	1.0 E
9	W	4.0 NW	E	1.0 E
10	W	7.0 SW	V	
11	V	1.0 W	V	
12	W	3.0 W	E	
13	SW	23.0 SE	E	2.0 E
14	W	3.0 NW	V	1.0 SW
15	SW	2.0 W	V	
16	W	1.0 W		
17	V	1.0 W	E	1.0 E
18	W	4.0 N	SW	
19	V	3.0 SW	SW	
20	V	3.0 W	E	3.0 N
21	V	3.0 SW	E	1.0 E
22	W	5.0 SW	SW	
23	SW	1.0 SW	E	
24	SW	2.0 SW	V	
25	W	2.0 SW	E	
26	V	1.0 W	V	
27	W	4.0 NW		
28	SW	3.0 SW	E	1.0 S
29	W	3.0 NW	V	1.0 SE
30	SW	2.0 SW	E	1.0 E
31				
MES	W	23.0 SE	V	3.0 N

DICIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	SW		E	1.0 NE
2	SW	2.0 SW	E	1.0 E
3	W	2.0 NE	V	
4	V	2.0 W	E	
5	V	3.0 SW	E	
6	SW	1.0 SW	V	
7	SW		V	
8	V	2.0 SW	V	1.0 NE
9	SW	1.0 SW	V	
10	V	2.0 NW	V	1.0 NE
11	SW	1.0 W	E	
12	SW	2.0 SW	V	1.0 E
13	SW	1.0 NW	V	
14	SW	2.0 SW	V	2.0 NE
15	W	2.0 W	V	2.0 NE
16	W	3.0 NW	E	4.0 NE
17	W	3.0 W	V	2.0 E
18	W	2.0 SW	SW	
19	W	2.0 NW	V	
20	V	2.0 W	V	
21	W	4.0 NE	V	19.0 SE
22	W	2.0 SW	V	
23	W	4.0 SW	V	1.0 W
24	W		V	
25	W		E	
26	SW	4.0 SW	V	1.0 NE
27	V	2.0 NE	E	
28	SW	1.0 NW	V	
29	W	1.0 W	E	
30	W	2.0 W	V	
31	SW	2.0 SW	E	
MES	W	4.0 NE	V	19.0 SE

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

Municipio: Chinácota
Latitud : 7 - 35 N

Año: 1982
Longitud: 72 - 36 W

ENERO

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

FEBRERO

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

MARZO

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

ABRIL

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

Estación: Blonay | Municipio: Chinácota | Año: 1982
Altitud : 1.235 m.s.n.m. | Latitud : 7 - 35 N | Longitud: 72 - 36 W

MAYO

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

JUNIO

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

JULIO

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

AGOSTO

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

Estación: Blonay **Municipio:** Chinácota **Año:** 1982
Altitud : 1.235 m.s.n.m. **Latitud :** 7 - 35 N **Longitud:** 72 - 36 W

SEPTIEMBRE

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

OCTUBRE

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

NOVIEMBRE

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

DICIEMBRE

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

Estación: Paraguaicito **Municipio:** Buenavista **Año:** 1982
Altitud : 1.250 m.s.n.m. **Latitud :** 4 - 24 N **Longitud:** 75 - 43 W

ENERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	NW	26.3 N	NW	3.6 NW
2	NW	17.6 NW	NW	7.2 NW
3	NW	18.7 S	SW	7.2 SW
4	SW	20.9 SE	SE	
5	SE	25.9 S	SW	14.0 S
6	S	22.7 NW	SW	6.1 SW
7	SW	22.3 NW	NW	21.2 N
8	NW	17.3 NW	W	7.2 W
9	W	18.7 SW	N	11.5 NE
10	SE	15.8 NE	V	8.6 SW
11	S	17.3 S	V	6.1 NW
12	SE	35.3 NW	N	6.5 NW
13	SE	14.4 S	N	4.3 N
14	S	13.0 NW	V	6.8 NW
15	S	28.1 NW	NW	7.2 NW
16	S	13.7 S	NE	8.6 SE
17	S	14.4 S	N	12.6 S
18	SE	15.5 S	V	6.5 NE
19	S	15.5 S	N	4.3 N
20	N	17.3 S	N	4.3 N
21	S	15.5 SE	N	
22	S	16.2 S	N	8.3 S
23	S	23.0 S	V	4.7 NW
24	SW	24.5 SE	NE	10.4 NE
25	SE	18.7 NW	N	9.0 N
26	S	25.2 S	N	8.6 W
27	V	9.0 N	NW	6.1 SE
28	V	16.9 W	NE	9.0 S
29	V	23.0 N	NE	10.4 S
30	S	12.2 S	V	11.5 S
31	NW	18.0 N	V	6.8 NW
MES	S	35.3 NW	N	21.2 N

FEBRERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	V	18.4 SW	N	7.9 N
2	S	28.8 NW	NW	10.4 W
3	V	15.5 S	V	8.3 S
4	S	18.7 W	V	7.2 NW
5	V	29.2 NW	SE	10.4 SE
6	SE		V	
7	S	15.5 SE	NW	10.8 NW
8	S	18.7 E	V	
9	S	14.0 S	NE	11.5 N
10	S	11.9 N	V	9.7 W
11	S	15.1 NW	V	
12	S	15.1 NE	NW	5.8 NW
13	S	16.2 S	NE	18.0 W
14	W	29.2 NW	V	39.2 N
15	S	15.5 S	NE	7.6 S
16	S	15.8 SE	NW	7.2 NW
17	S	21.2 S	NW	7.2 S
18	V	14.0 S	V	13.7 N
19	V	18.7 S	S	11.5 SW
20	S	14.0 S	V	7.2 N
21	S	15.1 SW	V	6.5 S
22	S	20.9 S	V	6.5 NW
23	V	27.7 W	NW	7.2 NW
24	S	11.5 S	V	6.5 S
25	S	28.1 W	V	21.2 S
26	S	25.9 N	N	21.2 N
27	NW	15.1 S	V	7.9 S
28	S	19.4 N	NW	17.3 N
29				
30				
31				
MES	S	29.2 NW	V	39.2 N

MARZO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	NW	13.7 N	NE	10.8 N
2	S	25.9 N	NW	10.8 NW
3	S	17.6 SE	V	8.3 SE
4	NW	10.8 N	NE	10.1 NW
5	V	11.5 W	V	7.2 NW
6	V	14.8 S	NW	7.9 SW
7	S	32.0 NW	V	7.6 N
8	V	40.7 N	V	8.3 SE
9	V	13.0 SE	NW	7.9 S
10	V	14.4 S	NW	7.9 NW
11	V	16.6 N	NW	7.9 W
12	S	15.5 SE	NW	11.5 SE
13	V	22.7 S	NW	12.6 SE
14	SE	13.7 S	NW	8.6 S
15	S	47.5 N	V	11.5 SE
16	S	19.1 S	V	7.6 N
17	NW	17.6 S	NW	9.4 SE
18	V	27.0 S	C	7.2 W
19	S	15.5 SE	SE	6.1 S
20	S	26.6 NW	V	7.2 NE
21	S	16.6 S	V	10.1 W
22	V	21.6 E	V	10.8 S
23	V	29.2 N	NE	7.2 SW
24	SW	32.4 SW	V	7.6 NW
25	S	14.0 SE	V	10.4 NW
26	V	19.1 S	NE	6.8 SW
27	S	15.1 S	NW	23.8 N
28	SW	25.9 N	SW	8.3 S
29	S	14.0 S	V	7.9 W
30	S	19.8 NW	V	
31	V	17.6 W	N	6.1 E
MES	S	47.5 N	V	23.8 N

ABRIL

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	S	19.1 SE	V	10.1 S
2	V	19.1 NW	NW	10.8 S
3	S	14.4 S	NW	11.9 NW
4	W	15.8 N	S	4.7 SE
5	S	19.1 N	N	5.8 NW
6	S	26.3 S	NE	7.9 NW
7	SE	18.7 S	V	32.4 N
8	S	15.1 S	N	5.4 NW
9	S	15.1 S	NE	17.3 N
10	V	17.6 NW	N	18.7 E
11	S	13.7 S	NW	24.8 NW
12	S	15.5 S	NE	5.0 SW
13	S	18.0 SE	NE	7.9 S
14	S	15.5 S	N	6.5 SE
15	S	18.0 S	NE	5.4 NE
16	S	16.2 NW	V	11.9 S
17	V	15.5 SW	C	11.5 N
18	NW	14.0 NW	N	22.3 S
19	S	15.5 S	V	11.5 SW
20	S	17.6 S	V	7.2 NE
21	SW	10.1 S	V	7.9 NW
22	S	19.8 NW	V	10.1 NW
23	V	10.1 SW	NE	29.5 NW
24	S	15.1 S	NW	7.2 SE
25	SE	28.1 SE	V	6.5 S
26	S	25.9 N	V	13.7 N
27	S	14.4 N	V	13.3 S
28	NW	15.8 E	C	4.7 NW
29	S	22.3 SE	C	6.5 W
30	S	32.8 NW	C	6.1 SE
31				
MES	S	32.8 NW	V	32.4 N

Estación: Paraguaicito **Municipio:** Buenavista **Año:** 1982
Altitud : 1.250 m.s.n.m. **Latitud :** 4 - 24 N **Longitud :** 75 - 43 W

MAYO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	V	25.9 N	NW	7.6 W
2	V	24.1 N	NW	
3	V	32.0 N	NW	19.1 NW
4	SW	16.2 N	NW	8.3 NW
5	SW	11.5 SW	NW	6.5 N
6	S	14.0 S	NW	6.5 S
7	V	14.0 S	C	10.1 SE
8	V	13.3 S	NW	6.5 S
9	V	11.5 W	NE	7.9 NW
10	S	11.9 S	N	
11	SW	29.5 N	NW	7.6 S
12	S	15.1 S	V	10.8 NW
13	S	29.2 W	NW	4.0 SE
14	V	18.7 N	V	6.5 S
15	V	30.2 S	NE	10.1 NW
16	SE	15.5 SE	NE	7.2 W
17	SW	19.4 E	NE	10.1 S
18	N	17.6 N	C	5.8 S
19	V	15.1 E	C	7.9 S
20	S	15.1 S	NW	14.4 SE
21	S	23.0 N	V	4.3 N
22	V	14.0 S	C	6.8 S
23	S	16.9 S	V	7.2 SW
24	S	16.6 N	NW	10.1 NW
25	NW	27.0 S	C	7.9 NW
26	NW	19.8 NE	NW	5.4 W
27	S	15.8 SE	NE	6.5 NE
28	V	7.9 S	NW	4.3 NW
29	S	20.9 W	V	5.4 S
30	S	11.5 S	NE	5.0 S
31	V	15.1 S	C	7.6 W
MES	V	32.0 N	NW	19. 1 NW

JUNIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	NW	9.0 S	NW	6.1 SE
2	S	16.6 SE	N	10.8 NW
3	S	18.0 S	V	7.2 SW
4	SE	17.6 SE	V	4.3 SW
5	SW	14.4 N	V	7.9 SE
6	S	12.2 SW	V	7.2 N
7	S	14.4 SE	N	6.5 NW
8	S	15.1 S	V	11.2 S
9	V	19.1 N	NW	10.8 N
10	S	16.9 S	NE	6.1 NW
11	S	18.7 N	V	8.6 N
12	V	16.9 E	NW	8.3 N
13	S	16.6 S	E	10.4 SE
14	W	20.9 W	NW	4.0 NW
15	S	17.6 S	NE	5.4 N
16	V	15.1 SW	V	6.5 SW
17	S	15.1 S	V	4.7 NE
18	SW	32.4 N	NE	5.4 NE
19	V	15.1 NW	E	6.5 SE
20	S	13.7 S	C	7.2 N
21	V	14.0 SW	C	11.2 S
22	S	20.9 S	N	7.6 S
23	S		C	6.8 N
24	S	12.2 S	C	7.6 SE
25	SE	15.8 S	NE	10.8 S
26	S	15.5 S	V	7.2 SE
27	V	15.1 S	NW	7.6 W
28	S	16.9 S	NW	9.4 N
29	SW	13.3 S	NW	11.5 SE
30	SE	14.0 S	V	17.3 NW
31				
MES	S	32.4 N	V	17.3 NW

JULIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	V	22.7 N	NW	11.5 S
2	S	13.7 S	NW	7.9 N
3	S	15.1 SE	NE	6.1 NW
4	NW	17.3 NW	NW	7.2 SW
5	W	15.8 W	NW	4.3 NW
6	S	14.4 NW	SE	7.2 NW
7	S	17.6 S	N	11.9 SW
8	S	14.0 W	NE	10.4 NW
9	V	14.8 S	NW	6.8 NW
10	SW	28.8 W	NW	7.6 SE
11	V	31.7 W	NW	5.4 NW
12	V	16.6 S	C	4.7 NW
13	SE	14.0 W	N	11.2 NW
14	SE	18.4 SE	V	8.3 NW
15	S	19.8 S	V	11.9 NW
16	S	15.1 S	V	7.9 W
17	S	21.6 S	NW	7.6 N
18	S	14.0 SE	NW	7.2 N
19	S	14.0 S	NE	5.4 NW
20	V	12.6 SE	V	6.5 NW
21	SW	17.3 SE	N	10.1 N
22	V	17.3 S	V	9.0 NW
23	V	31.0 N	V	11.5 NE
24	S	17.3 S	V	10.1 S
25	SW	12.2 S	NE	6.5 SW
26	NW	22.7 S	NW	4.7 NW
27	V	19.1 S	C	7.9 N
28	SW	16.9 S	V	11.5 S
29	SW	15.5 SW	V	7.2 SE
30	N	13.0 SW	V	13.3 N
31	S	19.4 SE	NW	10.8 NW
MES	S	31.7 W	NW	13.3 N

AGOSTO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Rafaga máx. (km/hora)
1	NW	22.3 E	V	7.6 NW
2	V	15.5 N	NW	7.6 SW
3	E	15.1 E	V	8.3 S
4	N	40.3 N	V	16.9 N
5	S	17.3 SW	NW	7.2 W
6	S	19.1 SE	NE	3.6 SE
7	S	21.6 S	NW	7.9 W
8	V	18.0 SE	NW	7.2 W
9	S	22.0 S	NW	9.4 N
10	S	20.9 SW	V	10.4 NW
11	V	25.2 N	NW	20.5 NW
12	N	17.6 NE	NE	10.8 SW
13	S	29.9 N	NW	24.5 NE
14	S	24.1 SE	V	7.9 N
15	SE	25.6 S	V	10.8 S
16	S	28.8 S	N	7.9 N
17	SE	18.0 SE	NW	7.9 NW
18	V	14.0 NE	V	8.6 S
19	V	22.3 NE	NW	7.6 NW
20	N	19.1 NE	V	10.4 NW
21	S	20.9 S	NW	7.6 W
22	S	37.1 N	V	12.6 N
23	S	20.9 S	NW	11.2 S
24	V	26.3 SE	NW	7.9 N
25	V	13.7 S	N	8.3 N
26	S	17.3 E	NW	8.3 SE
27	S	17.6 S	V	7.9 SW
28	SE	24.5 N	NW	11.2 S
29	V	35.6 N	NE	7.9 W
30	V	14.0 S	NE	7.9 S
31	V	23.0 N	NW	10.1 SE
MES	S	40.3 N	NW	24.5 NE

Estación: Paraguaicito **Municipio:** Buenavista **Año:** 1982
Altitud : 1.250 m.s.n.m. **Latitud :** 4 - 24 N **Longitud:** 75 - 43 W

SEPTIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	N	31.7 W	NW	9.7 E
2	S	33.8 N	NW	8.3 SW
3	NW	18.4 SE	NW	7.6 NW
4	V	10.8 N	NW	8.3 SW
5	V	29.5 N	NW	14.8 N
6	V	36.0 NW	V	7.9 NW
7	SE	19.1 E	N	6.8 N
8	V	14.8 SE	NW	3.6 W
9	S	25.6 E	NE	4.3 SE
10	SE	12.2 SE	N	
11	SE		NW	
12	V		V	
13	V	16.2 SE	S	
14	S	7.9 W	NW	
15	NW	14.4 E	NW	
16	V	23.4 E	NW	
17	V	22.7 SE	C	
18	SE	47.5 N	NW	7.2 NW
19	NW	7.2 NW	SW	
20	V	22.7 S	NW	8.6 W
21	V	14.0 E	N	7.9 N
22	V	15.5 SE	NW	7.9 NW
23	S	17.6 SE	N	7.2 SE
24				
25	SE	17.3 N	C	11.5 W
26	SE	13.7 E	NW	6.5 SE
27				
28	V	14.4 SE	N	7.9 SE
29	E	17.3 S	S	7.9 NW
30	S	11.5 S	NW	
31				
MES	V	47.5 N	NW	14.8 N

OCTUBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	SE	24.5 SW	NW	
2	V	22.7 NW	S	8.6 W
3	S	14.8 W	NW	10.8 W
4	SE	12.2 N	N	12.6 NW
5	SE	18.0 SE	N	5.4 S
6	S	16.2 S	NW	7.9 E
7	V	25.9 NW	N	22.0 N
8	SE	18.7 SE	S	7.2 SE
9	V	26.3 E	NW	8.3 SW
10	SE	28.4 N	NW	3.6 NW
11	SE	17.3 SE	NW	19.8 S
12	NW	17.3 E	NW	5.4 NW
13	SE	17.3 SE	NW	9.0 N
14	S	22.7 N	NW	11.5 E
15	V	13.7 E	V	5.4 E
16	V	13.3 SE	V	7.2 S
17	NW	24.8 N	NE	4.3 E
18	SE	25.9 NW	NW	18.0 NW
19	V	17.3 E	NE	13.3 SE
20	V	14.4 S	N	8.6 N
21	NW	12.6 SW	V	7.6 W
22	E	21.6 SE	NW	4.3 NW
23	SE	28.1 NW	W	7.9 W
24	SE	19.8 NW	NW	11.5 NW
25	V	17.3 E	C	5.0 SW
26	V	21.6 W	E	7.2 S
27	SE	17.3 W	C	3.6 SW
28	SE	15.1 SE	N	4.3 SE
29	SE	13.7 SE	V	7.6 W
30	E	17.3 S	NW	3.6 NW
31	V	32.8 S	W	7.9 NW
MES	SE	32.8 S	NW	22.0 N

NOVIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	SE	32.4 NW	C	31.7 NW
2	SE	11.5 SE	N	10.8 SE
3	SE	16.9 E	NW	10.8 NW
4	SE	14.0 S	NW	5.4 NW
5	SE	16.2 SE	NW	11.9 S
6	SE	13.7 S	V	9.4 W
7	V	18.7 W	NW	7.9 W
8	V	16.9 S	NW	4.3 NE
9	V	16.2 E	NW	7.9 SE
10	SE	34.2 W	NW	7.6 W
11	V	19.8 E	NW	10.8 S
12	SE	14.4 E	NW	5.4 W
13	SE	14.8 SE	V	7.9 NE
14	SE	17.3 E	NW	7.2 NW
15	SE	16.9 SE	NW	25.2 W
16	E	8.3 E	NW	7.2 S
17	SE	20.9 NW	NW	7.2 W
18	SE	29.5 E	N	7.6 W
19	V	20.9 NW	S	10.1 NW
20	V	10.4 S	NW	15.5 SE
21	SE	17.3 E	NW	9.0 W
22	E	14.8 SE	N	6.1 SE
23	SE	18.4 W	NW	7.9 NW
24	V	11.2 SE	SW	8.3 SW
25	NW	23.4 W	NW	10.4 S
26	V	43.9 W	V	7.6 S
27	SE	17.3 SE	NW	14.8 N
28	SE	18.7 E	NW	4.7 W
29	SE	14.8 E	NW	5.4 NW
30	SE	14.4 SE	NW	7.6 NW
31				
MES	SE	43.9 W	NW	31.7 NW

DICIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	S	14.8 W	NW	10.8 SE
2	SE	45.7 SW	N	8.6 NW
3	SE	17.6 SW	NW	11.5 NW
4	SE	9.7 S	NW	4.3 SW
5	SE	28.4 SW	NW	8.3 NW
6	SE	14.0 E	NW	4.3 NW
7	E	25.9 N	V	25.2 SE
8	NW	10.4 N	NW	4.0 N
9	S	13.3 N	C	7.6 NW
10	V	14.4 SE	NW	5.4 NE
11	V	16.9 SE	NW	7.2 NW
12	V	38.5 SW	NW	4.3 NW
13	V	13.7 SW	C	7.2 SW
14	E	15.1 SE	V	7.2 NW
15	SE	16.2 SE	NW	7.6 SE
16	V	13.7 S	NW	16.6 NW
17	SE	14.4 SE	NW	7.6 NW
18	SW	7.9 NW	NW	5.4 W
19	C	14.4 SE	V	7.9 S
20	SW	11.9 E	NW	12.2 NW
21	V	13.7 SE	NW	28.8 N
22	V	12.6 SE	C	10.1 NW
23	SE	11.5 W	V	8.6 SE
24	V	45.0 W	V	8.3 NW
25	SE	14.8 SE	C	7.9 SE
26	SE	18.0 SE	V	18.7 NW
27	SE	10.4 E	C	11.2 SE
28	SE	11.5 SE		
29	SE	13.3 SE	NW	6.8 NW
30	E	13.7 S	NW	5.0 SE
31	SE	14.8 E	NW	7.2 NE
MES	SE	45.7 SW	NW	28.8 N

Estación: Chapetón **Municipio:** Ibagué **Año:** 1982
Altitud : 1.300 m.s.n.m. **Latitud :** 4 - 27 N **Longitud:** 75 - 16 W

ENERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	E	2.0 E	C	2.0 W
2	E	2.0 E	C	
3				
4				
5	C	1.0 E	C	
6			C	
7	C		C	
8	C		C	
9	E		C	
10	E	2.0 E	C	2.0 SW
11	NE	1.0 NE	C	3.0 W
12	E	2.0 E	C	1.0 W
13	E	2.0 E	C	2.0 W
14	E	2.0 E	C	1.0 W
15	E	3.0 E	C	2.0 W
16	NE	3.0 E	C	2.0 W
17	E	4.0 NE	C	2.0 SW
18	NE	4.0 NE	SW	2.0 W
19	E	2.0 E	SW	2.0 SW
20	NE	3.0 NE	C	1.0 W
21	NE	2.0 E	C	1.0 W
22	NE	3.0 NE	C	
23	E	3.0 NE	C	2.0 W
24	SE	3.0 SE	NW	2.0 NW
25	E	4.0 E	W	3.0 W
26	E	2.0 E	C	2.0 W
27	C	1.0 NE	C	1.0 W
28	E		C	2.0 SW
29	E	2.0 NE	C	
30	E	2.0 E	C	1.0 W
31	E	1.0 NE	C	2.0 NW
MES	E	4.0 NE	C	3.0 W

FEBRERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	E	2.0 E	C	2.0 W
2	C	2.0 NE	C	2.0 W
3	E	3.0 NE	C	2.0 W
4	E	2.0 E	C	
5	E	3.0 NE	C	2.0 W
6	E	2.0 NE	C	1.0 W
7	E	2.0 E	C	3.0 SW
8	E	2.0 E	C	1.0 S
9	E	2.0 E	C	2.0 W
10	E	3.0 E	C	1.0 W
11	E	2.0 E	C	3.0 W
12	E	4.0 E	C	5.0 SW
13	E	5.0 E	C	4.0 W
14	E	3.0 E	W	1.0 W
15	E	2.0 NE	C	1.0 W
16	E	2.0 E	W	2.0 W
17	E	3.0 E	C	
18	E	3.0 E	C	2.0 W
19	E	2.0 E	C	
20	NE	2.0 E	C	
21	E	2.0 NE	C	
22			C	
23	E	2.0 E	C	
24	E	1.0 E	C	
25	E	2.0 E	W	2.0 W
26	E	3.0 E	C	2.0 SW
27	V	2.0 E	W	2.0 W
28	E	2.0 E	V	2.0 W
29				
30				
31				
MES	E	5.0 E	C	5.0 SW

MARZO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	C	3.0 E	C	3.0 W
2	E	2.0 E	C	1.0 E
3	E	3.0 NE	C	
4	C	1.0 E	C	
5	C	1.0 E	C	1.0 W
6	E	1.0 NE	C	1.0 W
7	E	2.0 E	C	1.0 SW
8	E	1.0 E	W	2.0 W
9	C	2.0 E	C	1.0 E
10	E	2.0 NE	C	
11	E	1.0 E	C	2.0 W
12	C	2.0 E	C	2.0 W
13	C	2.0 S	C	
14	E	2.0 E	C	1.0 W
15	E	2.0 W	C	2.0 W
16	C	2.0 E	C	4.0 NE
17	E	1.0 NE	C	1.0 W
18	E	3.0 E	C	2.0 SW
19	C			
20	E	1.0 NE	C	
21	V		C	1.0 W
22	E	2.0 E	C	1.0 NE
23	E	1.0 E	C	4.0 E
24	E	1.0 E	C	1.0 W
25	C	1.0 E	C	1.0 W
26	E	1.0 E	V	1.0 SW
27	E	2.0 E	C	2.0 SW
28	C		C	
29	E	2.0 E	C	1.0 E
30	E		C	
31	C		C	
MES	E	3.0 E	C	4.0 NE

ABRIL

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	E		C	
2	C	1.0 W	C	
3	E		C	
4	E		W	
5	E	1.0 E	C	1.0 W
6	E	2.0 SE	C	1.0 W
7	E	1.0 E	C	1.0 SW
8				
9	C	2.0 E	C	
10	C	1.0 NE	C	
11	E	1.0 E	C	2.0 S
12	E		C	
13	E	1.0 E	C	1.0 W
14	E		C	
15	E		C	
16	E		C	
17	E		C	
18				
19	E	2.0 E	C	1.0 W
20	E		C	1.0 SW
21	W		C	
22	E	2.0 E	C	1.0 SE
23	E	1.0 SW	C	
24	E	3.0 E	C	2.0 W
25	E		C	
26	V	2.0 W	C	2.0 W
27	E		C	1.0 SE
28	V		C	1.0 SW
29	E		C	
30	C		C	
31				
MES	E	3.0 E	C	2.0 S

Estación: Chapetón **Municipio:** Ibagué **Año:** 1982
Altitud : 1.300 m.s.n.m. **Latitud :** 4 - 27 N **Longitud:** 75 - 16 W

MAYO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	E	1.0 E	C	2.0 N
2	E		C	
3	E	1.0 E	W	
4	NE		W	1.0 W
5			C	2.0 E
6	E	1.0 E	C	
7	V	1.0 NW	C	
8	C	2.0 NE	W	2.0 W
9	E		C	
10			C	
11	E		C	
12	E		C	
13	W		C	1.0 SW
14	E	6.0 W	C	2.0 W
15	E		C	
16	E		C	
17	E	3.0 E	W	1.0 NW
18	E	2.0 E	C	2.0 W
19	E		C	1.0 E
20	E	2.0 E	C	
21	E		C	
22	E		C	
23	C		C	
24	E		W	1.0 NW
25	NE		C	2.0 E
26	E		C	
27	C		C	
28	C		C	
29	E		C	
30	NE		C	
31	E		C	
MES	E	6.0 W	C	2.0 N

JUNIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	E		C	
2	E		C	
3	E		C	
4	E	2.0 E	C	
5	W	1.0 W	C	1.0 SW
6	C		C	
7	E	1.0 E	C	
8	E	1.0 E	C	1.0 SW
9	E	2.0 E	C	
10	E		C	
11	E	1.0 E	C	
12	E		C	2.0 S
13	E		C	1.0 W
14	E		C	
15	E	1.0 E	C	1.0 SW
16	E	1.0 E	C	
17	E	1.0 E	C	
18			C	1.0 W
19	C	2.0 NE	C	1.0 SW
20	E	2.0 E	C	1.0 W
21	C	1.0 NE	C	1.0 E
22	E		C	
23	NE	1.0 NE	W	1.0 W
24	E	2.0 NE		
25				
26	E	2.0 E	V	2.0 W
27	NE	2.0 W	C	2.0 SW
28	E	1.0 NE	C	1.0 W
29			C	2.0 W
30	C	4.0 NE	C	2.0 SW
31				
MES	E	4.0 NE	C	2.0 S

JULIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	V	3.0 N	C	1.0 W
2				
3	NE	3.0 NE	C	1.0 SW
4	E	3.0 E	C	2.0 W
5	E	2.0 N	C	
6	E	3.0 NE	C	2.0 W
7	NE	2.0 NE	C	2.0 W
8	W	4.0 W	C	2.0 W
9	NE	2.0 E	C	2.0 W
10	NE	3.0 NE	SW	1.0 SW
11	E	3.0 NE	C	
12	NE	5.0 E	C	1.0 W
13	NE	3.0 NE	C	2.0 SW
14	E	2.0 E	W	2.0 W
15	E	2.0 E	SW	2.0 W
16	C	1.0 E	C	2.0 SW
17	E	2.0 NE	C	2.0 SW
18	E	1.0 W	W	2.0 W
19	NE	1.0 NE	C	
20	NE	2.0 NE	C	2.0 SW
21	V	1.0 NE	C	1.0 SW
22	E	2.0 NE	W	1.0 W
23	C	2.0 E	C	2.0 W
24	NE	2.0 E	C	2.0 W
25	NE	2.0 NE	C	1.0 W
26	E	2.0 E	C	1.0 W
27	E	2.0 E	C	
28	E			
29			C	
30	E	2.0 NE	C	2.0 W
31	E	3.0 E	W	2.0 W
MES	E	5.0 E	C	2.0 W

AGOSTO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	E	3.0 E	W	2.0 W
2	E		W	
3	V	2.0 N	C	2.0 SW
4	E	2.0 E	W	2.0 W
5	C	3.0 E	C	1.0 W
6	E	2.0 E	C	
7	E	3.0 NE	C	1.0 W
8	E	1.0 E	C	
9	E	2.0 E	W	2.0 W
10	E	5.0 E	C	2.0 W
11	V	3.0 E	C	
12	E	4.0 E	W	2.0 W
13	E	3.0 E	C	3.0 W
14	E	3.0 E	C	2.0 W
15	E	3.0 NE	C	1.0 W
16	V	3.0 N	C	1.0 W
17	E	6.0 E	C	
18			C	1.0 W
19	E	3.0 NW	C	
20	C	2.0 NW	C	2.0 NW
21	E	3.0 E	V	2.0 W
22	E	4.0 E	W	1.0 W
23	E	6.0 E	C	1.0 W
24	SW	2.0 SW	C	1.0 SW
25	V	2.0 E	W	1.0 W
26	E	3.0 E	C	1.0 W
27				
28				
29				
30	NE	2.0 NE	W	2.0 SW
31				
MES	E	6.0 E	C	3.0 W

Estación: Chapetón **Municipio:** Ibagué **Año:** 1982
Altitud : 1.300 m.s.n.m. **Latitud :** 4 - 27 N **Longitud:** 75 - 16 W

SEPTIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1				
2				
3				
4			C	2.0 SW
5	NE	2.0 E	W	2.0 W
6	NE	2.0 NE		
7				
8				
9				
10	E	4.0 E	C	2.0 W
11	E	2.0 E	C	1.0 SE
12	E	2.0 NE	C	2.0 W
13	E	6.0 NE	W	2.0 W
14	E	1.0 E	C	1.0 W
15	C	5.0 SW	C	2.0 W
16	C	2.0 E	C	2.0 W
17	E	2.0 E	C	
18	E	1.0 NE	W	2.0 W
19	E	2.0 E	C	1.0 W
20	E	3.0 E	W	2.0 W
21	E		W	
22	E		W	
23	E		W	2.0 S
24	E		W	2.0 SW
25	E		C	
26	E		C	
27	E	2.0 E	C	1.0 NW
28	E		C	
29	E		C	
30	V	2.0 S	SW	2.0 W
31				
MES	E	6.0 NE	C	2.0 SW

OCTUBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	E	2.0 E	C	1.0 W
2	E	3.0 E	C	2.0 NE
3	E		C	
4	E	3.0 E	C	5.0 SE
5	E	6.0 E	C	2.0 W
6	E	3.0 E	C	2.0 W
7	E	3.0 E	C	1.0 SW
8	E	1.0 E	C	
9	E	2.0 E	C	
10	E		C	
11	E	2.0 E	C	2.0 W
12	E	1.0 E	C	1.0 W
13	E	2.0 E	C	1.0 W
14	C		V	2.0 W
15	E	1.0 E	C	2.0 W
16	E	2.0 E	C	1.0 SW
17	E	1.0 E	C	
18	E	2.0 E	C	4.0 E
19	E	2.0 E	C	
20	E	1.0 E	C	
21	C	1.0 SW	C	
22	E	2.0 E	C	2.0 W
23	C	3.0 E	C	2.0 W
24	C	1.0 SE	C	2.0 W
25	C	3.0 E	C	
26	V	4.0 E	C	
27	E	1.0 E	W	1.0 W
28	E	2.0 E	C	1.0 W
29	E	2.0 NE	C	1.0 W
30	E	1.0 E	C	
31			C	1.0 W
MES	E	6.0 E	C	5.0 SE

NOVIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	E	2.0 E	C	1.0 W
2	E	2.0 E	C	
3	E	2.0 E	C	1.0 SW
4	E	1.0 E	C	
5	E	1.0 E	C	2.0 W
6	E		C	
7	E		C	
8	C	1.0 E	C	2.0 SW
9	E		C	
10	E	2.0 E	C	
11	E		C	
12	E	2.0 E	C	
13	E	2.0 E	C	2.0 W
14	E		C	
15	E	1.0 E	W	2.0 W
16	E		C	2.0 SW
17	C	2.0 SE	C	2.0 W
18	E	1.0 W	C	2.0 W
19	E	1.0 E	C	1.0 W
20	C	2.0 E	C	1.0 W
21	E		C	
22	E		C	
23	E	1.0 E	C	
24	E	1.0 E	W	1.0 SW
25				
26	C		SW	1.0 SW
27	E	1.0 E	C	
28	SE		C	
29	NE		C	
30	E		W	2.0 W
31				
MES	E	2.0 E	C	2.0 W

DICIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	E		C	2.0 SW
2	E	1.0 E	C	
3	NE	1.0 NE	SW	2.0 SE
4	C		C	
5	E	2.0 E	C	1.0 W
6	E	2.0 NE	C	
7	E		C	
8	E	2.0 E	C	1.0 W
9	E		C	
10	C	1.0 NE	C	2.0 W
11	E		C	
12	E		C	2.0 W
13	E	2.0 E	C	
14	NE	1.0 NE	C	1.0 SW
15				
16				
17				
18				
19				
20				
21				
22	SE		C	
23	SE			
24				
25				
26			W	2.0 W
27				
28			C	
29				
30			C	
31	E	1.0 E	C	
MES				

Estación: Albán **Municipio:** El Cairo **Año:** 1982
Altitud : 1.400 m.s.n.m. **Latitud :** 4 - 46 N **Longitud :** 76 - 13 W

ENERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	V	28.4 NE	W	
2	W	24.8 E	SE	11.9 E
3	W	21.6 NE	NE	
4	E	29.2 NE	E	7.6 E
5	E	28.4 E	NE	17.3 SE
6	NE	32.4 NE	E	22.3 E
7	NE	32.8 NE	E	25.2 E
8	NE	36.4 NE	SE	25.2 E
9	NE	28.8 NE	E	25.6 NE
10	E	36.0 E	E	24.8 E
11	E	40.3 NE	SE	21.6 E
12	NE	41.0 E	SE	18.7 SE
13	V	45.7 NE	E	21.6 E
14	E	39.6 E	SE	27.7 E
15	NE	44.3 N	NE	21.6 E
16	NE	35.3 NE	SE	22.0 E
17	SE	38.9 NE	SE	22.3 SE
18	E	38.9 NE	SE	17.6 E
19	SE	42.5 E	C	21.2 E
20	E	39.2 NE	E	15.1 SE
21	V	39.6 N	E	32.8 NE
22	V	39.6 NE	NE	24.8 NE
23	NE	46.1 NE	E	18.7 E
24	E	40.3 NE	E	
25	E	40.3 NE	E	13.7 SE
26	NE	44.3 NE	E	7.9 E
27	NE	29.5 NE	SE	15.1 SE
28	E	35.6 NE	E	19.1 SE
29	NE	38.5 NE	SE	17.6 E
30	E	33.1 NE	E	13.0 SE
31	NE	39.2 NE	E	25.2 E
MES	NE	46.1 NE	E	32.8 NE

FEBRERO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	E	31.7 NE	SE	19.4 E
2	V	30.6 E	NW	
3	NE	36.0 NE	E	5.4 E
4	E	40.0 NE	E	18.4 E
5	E	33.1 SE	W	5.4 W
6	NE	42.8 NE	E	21.6 NE
7	W	31.7 E	NE	14.8 SE
8	E	35.6 NE	SE	7.2 SE
9	N	36.0 NE	SE	23.0 E
10	E	39.6 NE	SE	32.0 NE
11	NE	37.1 NE	SE	16.2 SE
12	NE	32.0 NE	SE	13.7 E
13	NE	36.0 NE	E	14.4 E
14	E	29.5 NE	SE	14.9 SE
15	W	24.8 E	SE	16.2 SE
16	V	33.8 NE	NE	17.3 NE
17	NE	24.8 N	E	6.8 E
18	NE	36.0 E	NE	28.4 NE
19	NE	40.3 NE	E	29.5 NE
20	NE	35.6 NE	E	16.9 E
21	N	37.4 NE	E	26.3 NE
22	NE	35.6 NE	SE	10.1 SE
23	NE	47.9 NE	SE	11.5 SE
24	NE	37.8 NE	SE	19.4 E
25	NE	40.3 N	SE	22.7 NE
26	E	50.0 NE	V	25.6 NE
27	E	39.6 NE	E	18.7 E
28	NE	36.7 NE	E	15.5 NE
29				
30				
31				
MES	NE	50.0 NE	SE	32.0 NE

MARZO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	E	32.4 NE	E	14.4 E
2	E	35.3 NE	E	17.6 E
3	NE	49.7 NE	E	21.6 E
4	E	21.6 NE	NE	
5	V	28.8 NE	SE	14.4 E
6	NE	38.9 NE	NE	12.2 E
7	NE	38.5 N	NE	26.3 NE
8	NE	47.5 NE	SE	10.8 E
9	N	36.4 N	SE	15.1 SE
10	NE	38.9 NE	E	33.8 E
11	NE	43.6 NE	NE	17.6 NE
12	NE	36.4 NE	E	13.7 E
13	NE	43.2 NE	E	7.2 E
14	SE	22.3 NE	E	3.6 E
15	E	40.0 NE	W	24.5 E
16	NE	35.6 E	E	25.9 E
17	E	42.5 NE	E	22.3 E
18	E	40.3 NE	SE	17.6 E
19	V	39.6 NE	NE	21.6 E
20	NE	38.9 NE	E	24.1 E
21	E	46.8 NE	E	22.3 E
22	E	46.8 NE	E	35.6 E
23	NE	45.0 NE	E	25.9 NE
24	NE	37.1 NE	E	14.4 SE
25	NE	40.3 NE	E	25.6 NE
26	E	27.0 NE	E	10.8 E
27	NE	43.2 E	E	33.1 NE
28	NE	37.8 NE	SE	22.7 E
29	E	36.0 NE	E	22.0 E
30	NE	39.6 NE	SE	11.5 E
31	W	28.8 NE	NE	24.5 E
MES	NE	49.7 NE	E	35.6 E

ABRIL

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	E	37.4 NE	E	16.2 SE
2	E	42.1 E	C	14.4 SE
3	V	31.7 NE	SE	11.9 SE
4	V	35.3 NE	C	
5	N	23.8 N	E	20.9 E
6	V	21.2 W	E	6.8 E
7	E	32.0 NE	SE	29.2 NE
8	V	24.8 E	SE	25.2 E
9	V	33.1 NE	NE	25.9 NE
10	NE	28.8 NE	E	
11	V	36.7 NE	E	21.2 E
12	E	36.7	E	24.5 NE
13	E	43.2 E	E	10.4 SE
14	NE	42.5 NE	SE	19.1 SE
15	NE	48.2 NE	SE	26.3 NE
16	NE	40.3 NE	E	22.3 E
17	NE	36.0 NE	E	
18	E	29.5 E	C	17.6 NE
19	NE	41.0 NE	E	23.4 E
20	NE	43.6 NE	NE	8.3 NE
21	W	14.0 NE	E	28.8 NE
22	NE	40.3 NE	SE	15.1 SE
23	E	42.1 NE	SE	22.3 E
24	NE	36.7 NE	SE	18.0 SE
25	E	40.3 NE	SE	20.9 E
26	V	63.0 NE	SE	10.8 E
27	E	39.6 NE	E	28.8 E
28	E	8.3 SE	SE	
29	V	40.3 NE	SE	7.2 SE
30	NE	33.8 NE	E	
31				
MES	E-NE	63.0 NE	E-SE	29.2 NE

Estación: Albán **Municipio:** El Cairo **Año:** 1982
Altitud : 1.400 m.s.n.m. **Latitud :** 4 - 46 N **Longitud:** 76 - 13 W

MAYO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	E	32.4 NE	SE	25.9 E
2	NE	35.6 NE	E	
3	E	40.3 E	SE	54.0 NE
4	NE	43.2 E	SE	22.3 E
5	NE	36.4 NE	SE	
6	E	31.7 E	SE	28.4 E
7	E	41.8 N	NE	12.2 E
8	NE	31.7 W	SE	
9	E	29.5 NE	E	15.5 SE
10	NE	32.8 NE	SE	13.7 E
11	V	37.1 NE	E	32.8 NE
12	V	28.8 E	SE	30.6 NE
13	NE	47.2 NE	N	22.3 NE
14	NE	36.0 NE	SE	15.5 E
15	E	40.3 N	SE	
16	N	31.7 N	SE	
17	NE	42.5 NE	E	22.0 NE
18	NE	35.6 NE	SE	
19	V	29.5 NE	E	22.3 E
20	V	33.1 NE	C	19.1 E
21	NE	25.2 E	C	15.1 NE
22	NE	35.3 NE	C	
23	E	37.1 NE	E	
24	NE	46.4 NE	NE	36.0 NE
25	NE	36.7 N	NE	
26	NE	33.8 N	SE	11.5 SE
27	SE	31.7 N	E	10.1 SE
28	V	26.6 E	SE	11.5 SE
29	V	28.8 N	E	
30	E		SE	
31	E	31.7 NE	SE	13.7 SE
MES	NE	47.2 NE	SE	54.0 NE

JUNIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	W	18.0 NE	E	
2	NE	28.1 N	NE	4.7 NE
3	E	35.3 SE	SE	18.4 E
4	E	31.0 NE	E	7.6 E
5	NE	31.7 NE	SE	36.7 NE
6	W	32.0 E	SE	20.9 E
7	NE	36.0 E	SE	18.7 NE
8	E	36.0 NE	E	14.0 E
9	NE	39.2 NE	E	25.2 NE
10	NE	43.9 NE	NE	11.5 E
11	NE	35.6 NE	E	18.7 E
12	V	35.6 E	E	11.5 SE
13	E	45.7 NE	SE	22.3 E
14	NE	43.9 NE	E	
15	E	38.9 E	SE	12.2 SE
16	NE	36.7 NE	E	8.3 SE
17	NE	43.2 NE	E	32.0 NE
18	V	33.5 NE	SE	7.2 SE
19	SE	33.8 NE	SE	28.4 NE
20	NE	36.4 NE	E	15.1 SE
21	V	42.8 NE	SE	28.1 SE
22	NE	42.5 NE	SE	12.2 E
23	NE	36.4 NE	E	12.2 SE
24	E		E	
25	V		SE	
26	NE	34.9 NE	E	15.1 SE
27	NE	31.7 NE	NE	11.9 E
28	NE	39.6 NE	SE	7.2 SE
29	V	38.9 NE	SE	13.7 SE
30	E	39.6 NE	SE	16.6 E
31				
MES	NE	45.7 NE	SE	36.7 NE

JULIO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	NE	33.1 SW	E	10.1 E
2	V	29.5 E	E	18.0 SE
3	E	36.7 NE	E	7.6 E
4	E	37.4 NE	NE	6.1 NE
5	E	38.9 NE	E	6.8 E
6	E	32.8 NE	SE	18.4 E
7	V	41.0 NE	NE	28.1 NE
8	NE	33.8 NE	N	28.4 NE
9	N	29.5 NE	SE	17.3 SE
10	E	36.0 NE	SE	25.9 E
11	V	35.6 NE	E	11.5 E
12	E	25.9 NE	E	28.1 E
13	E	31.7 E	E	13.3 E
14	NE	37.4 E	SE	15.8 NE
15	NE	36.7 NE	E	14.8 E
16	E	36.0 N	SE	11.5 SE
17	NE	42.8 NE	E	31.7 NE
18	NE	29.2 NE	SE	8.6 SE
19	E	33.1 E	E	7.2 E
20	E	29.2 NE	NW	
21	NE	40.3 NE	SE	25.9 E
22	V	32.0 NE	E	8.6 SE
23	V	36.0 E	SE	18.7 E
24	NE	46.8 NE	SE	22.0 E
25	NE	38.9 NE	E	11.9 NE
26	NE	36.7 NE	NE	17.6 NE
27	NE	31.3 NE	E	
28	E	25.2 E	SE	8.3 NE
29	NE	36.7 NE	V	21.2 SE
30	NE	32.8 NE	E	
31	NE	36.0 NE	NE	22.7 E
MES	NE	46.8 NE	E	31.7 NE

AGOSTO

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	NE	41.8 NE	NE	30.6 NE
2	NE	37.8 NE	E	23.0 E
3	NE	41.0 NE	SE	26.3 E
4	NE	35.6 E	E	24.5 E
5	NE	42.8 NE	NE	36.7 NE
6	NE	35.6 NE	NE	19.8 NE
7	NE		E	
8	NE	36.0 E	E	
9	NE	40.7 NE	E	15.1 SE
10	NE	40.7 NE	E	25.6 NE
11	NE	38.9 NE	E	28.1 E
12	E	36.7 NE	SE	20.9 SE
13	V	33.1 NE	E	21.2 NE
14	NE	43.9 NE	E	23.4 NE
15	V	48.2 NE	SE	25.9 E
16	NE	40.3 NE	E	17.6 E
17	NE	45.0 NE	NE	28.1 E
18	E	36.0 E	E	15.1 SE
19	E	36.0 NE	E	35.3 SE
20	E	24.5 SW	E	20.5 E
21	E	46.1 NE	NE	
22	NE	42.8 NE	E	25.2 E
23	E	43.9 NE	SE	18.4 E
24	NE	39.6 NE	E	15.8 NE
25	E		NE	
26	NE		E	
27	NE		E	
28	E		SE	
29	NE		E	
30	E		SE	
31	V		E	
MES	NE	48.2 NE	E	36.7 NE

Estación: Municipio: Año:
Altitud : Latitud : Longitud:

SEPTIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	E		SE	
2	E		E	
3	NE		NE	
4	NE		NE	
5	V		SE	
6	V		SE	
7	NE		E	
8	E		NE	
9	NE		E	
10	NE	40.0 NE	NE	17.3 E
11	E	49.7 NE	E	
12	NE	44.3 NE	E	32.8 NE
13	NE	43.2 NE	E	25.6 NE
14	E	35.3 N	E	27.7 E
15	NE	37.4 NE	SE	17.3 E
16	NE	44.3 NE	E	19.1 NE
17	NE	36.7 NE	SE	
18	E	43.9 NE	NE	22.0 NE
19	NE		SE	7.9 SE
20	E	40.3 NE	E	19.1 E
21	V	38.9 NE	SE	15.1 E
22	E	35.3 NE	SE	21.6 NE
23	NE	38.9 NE	NW	18.0 NE
24	E	31.0 NE	SE	12.2 SE
25	E	33.1 NE	E	
26	V	27.0 NE	E	12.6 E
27	NE	46.1 NE	NE	29.5 NE
28	E	14.8 W	SE	25.2 E
29	NE	35.3 NE	SE	20.9 E
30	NE	39.6 NE	SE	15.8 SE
31				
MES	NE	49.7 NE	SE	32.8 NE

OCTUBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	E	31.3 NE	E	30.6 NE
2	NE	36.4 NE	NE	35.6 NE
3	NE	31.7 NE	SE	9.7 SE
4	E	29.5 N	E	27.7 NE
5	W	33.5 NE	E	12.6 E
6	E	43.2 NE	E	18.4 NE
7	NW	33.5 NE	E	
8	NE	29.9 E	SE	
9	NE	40.7 NE	NE	18.7 E
10	NE	34.6 NE	NE	
11	NE	41.4 NE	SE	20.9 E
12	NE	33.1 NE	SE	22.3 E
13	V	41.4 NE	E	20.9 E
14	E	38.5 NE	NE	29.5 NE
15	NE	37.4 N	E	
16	NE	33.5 NE	NE	12.2 E
17	V	28.4 NE	E	8.3 E
18	NE	40.7 NE	NE	14.4 E
19	NE	37.1 NE	SE	18.7 NE
20	W	26.6 SW	NE	
21	NE	39.6 NE	E	11.5 E
22	E	25.2 N	SE	9.4 SE
23	NE	40.3 NE	E	11.5 SE
24	V	28.8 NE	C	
25	NE	32.0 NE	SE	18.7 E
26	E	28.1 NE	NE	13.7 SE
27	NE	33.5 NE	E	5.4 E
28	NE	34.6 NE	E	12.2 SE
29	NE	35.6 NE	SE	15.1 E
30	NE	38.9 NE	SE	22.3 E
31	SE	37.1 NE	E	5.4 E
MES	NE	43.2 NE	E	35.6 NE

NOVIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	V	28.8 E	NE	29.9 NE
2	NE	30.6 NE	NE	13.7 E
3	NE	36.7 NE	N	25.2 NE
4	NE	25.2 NE	E	15.5 E
5	V	28.4 NE	C	18.0 E
6	NE	28.4 NE	E	21.6 E
7	V	33.5 NE	V	23.4 E
8	NE	32.0 NE	E	14.4 E
9	NE	32.0 NE	E	31.7 NE
10	NE	41.8 NE	SE	18.0 SE
11	NE	21.6 NE	NE	
12	NE	24.5 NE	E	7.2 SE
13	E	35.3 NE	E	
14	E	28.8 NE	E	11.5 SE
15	NE	39.6 NE	SE	32.4 NE
16	NE	27.4 NE	SE	
17	E	25.2 NE	SE	
18	E	24.5 E	E	18.0 SE
19	N	33.5 NE	NE	30.2 NE
20	NE	32.0 NE	E	10.8 E
21	V	30.2 NE	SE	9.7 SE
22	E	17.3 E	SE	15.1 E
23	E	35.3 NE	NE	9.0 NE
24	NE	34.2 NE	E	24.5 NE
25	V	39.6 NE	E	13.7 E
26	NE	41.4 NE	SE	20.9 E
27	NE	36.7 NE	E	25.2 NE
28	E	31.7 NE	SE	7.9 SE
29	E	39.6 NE	SE	10.8 SE
30	NE	43.2 NE	E	15.1 SE
31				
MES	NE	43.2 NE	E	32.4 NE

DICIEMBRE

Fecha	DIA Dirección dominante	DIA Ráfaga máx. (km/hora)	NOCHE Dirección dominante	NOCHE Ráfaga máx. (km/hora)
1	NE	38.9 NE	E	16.9 E
2	NE	40.3 NE	SE	11.5 SE
3	E	36.7 N	E	11.5 NE
4	E	17.3 NE	SE	
5	NE	31.7 NE	NE	
6	NE	35.3 N	E	
7	E	30.6 NE	NE	26.3 E
8	NE	28.8 NE	E	17.3 E
9	E	33.5 NE	E	7.2 E
10	NE	33.5 NE	SE	
11	NE	42.5 NE	E	15.1 E
12	NE	27.7 NE	NE	
13	NE	40.3 NE	E	
14	NE	38.2 NE	SE	8.6 SE
15	E	39.6 NE	SE	14.4 NE
16	E	35.6 E	E	17.6 E
17	NE	32.4 NE	NE	
18	NE	31.7 NE	SE	
19	NE	34.6 NE	E	13.3 E
20	E	35.6 NE	E	
21	NE	36.7 NE	E	14.0 SE
22	E	32.8 E	E	10.4 SE
23	E	29.5 NE	E	15.5 SE
24	NE	38.9 NE	SE	19.1 E
25	V	34.2 NE	SE	13.7 E
26	E	34.9 E	SE	15.5 NE
27	V	14.4 NE	NE	
28	NE	25.9 NE	SE	10.8 SE
29	E	22.3 NE	SE	
30	E	35.3 NE	SE	13.3 E
31	V	38.5 NE	SE	11.5 SE
MES	NE	42.5 NE	E-SE	26.3 E

Estación: Granja Tibacuy **Municipio:** Tibacuy **Año:** 1982
Altitud : 1.550 m.s.n.m. **Latitud :** 4 - 21 N **Longitud:** 74 - 25 W

SEPTIEMBRE

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

OCTUBRE

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

NOVIEMBRE

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

DICIEMBRE

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